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Cover Page

Order ID : Q2529

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2529-01	TP-91
Q2529-02	TP-80
Q2529-03	TP-79
Q2529-04	TP-95
Q2529-05	TP-98
Q2529-06	TP-102
Q2529-07	TP-101
Q2529-08	TP-89
Q2529-09	TP-33
Q2529-10	TP-30

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: 7/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2529**

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

QA Review Signature: **MAHESH PATEL** **Date:** **07/17/2025**

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LAB CHRONICLE

OrderID:	Q2529	**OrderDate:**	7/8/2025 3:36:00 PM
Client:	CDM Smith	**Project:**	South River WM Replacement
Contact:	Marcie Ann Encinas	**Location:**	O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2529-01	**TP-91**	**SOIL**			**07/03/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-02	**TP-80**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/16/25	
Q2529-03	**TP-79**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-04	**TP-95**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-05	**TP-98**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-06	**TP-102**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/09/25	
Q2529-07	**TP-101**	**SOIL**			**07/07/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/09/25	
Q2529-08	**TP-89**	**SOIL**			**07/08/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-09	**TP-33**	**SOIL**			**07/08/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	
Q2529-10	**TP-30**	**SOIL**			**07/08/25**			**07/08/25**
			SVOC-TCL BNA -20	8270E		07/09/25	07/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2529

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : TP-91									
Q2529-01	TP-91	SOIL	Fluoranthene		200.000		33	190	ug/Kg
Q2529-01	TP-91	SOIL	Pyrene		170.000	J	39.6	190	ug/Kg
Q2529-01	TP-91	SOIL	Benzo(a)anthracene		100.000	J	25.3	190	ug/Kg
Q2529-01	TP-91	SOIL	Chrysene		130.000	J	21.9	190	ug/Kg
Q2529-01	TP-91	SOIL	Benzo(b)fluoranthene		190.000		20.9	190	ug/Kg
Q2529-01	TP-91	SOIL	Benzo(a)pyrene		120.000	JQ	32.4	190	ug/Kg
Q2529-01	TP-91	SOIL	Indeno(1,2,3-cd)pyrene		77.700	JQ	32	190	ug/Kg
Q2529-01	TP-91	SOIL	Benzo(g,h,i)perylene		82.800	J	28.2	190	ug/Kg
			Total Svoc :		**1,070.50**				
Q2529-01	TP-91	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	AB	0	0	ug/Kg
Q2529-01	TP-91	SOIL	Benzo[e]pyrene	*	110.000	J	0	0	ug/Kg
Q2529-01	TP-91	SOIL	Benzophenone	*	120.000	J	0	0	ug/Kg
Q2529-01	TP-91	SOIL	Cyclopentadecane	*	81.000	J	0	0	ug/Kg
Q2529-01	TP-91	SOIL	n-Hexadecanoic acid	*	96.700	J	0	0	ug/Kg
			Total Tics :		**537.70**				
			Total Concentration:		**1,608.20**				
Client ID : TP-80									
Q2529-02	TP-80	SOIL	Acenaphthylene		200.000	Q	31.8	190	ug/Kg
Q2529-02	TP-80	SOIL	Phenanthrene		160.000	J	23	190	ug/Kg
Q2529-02	TP-80	SOIL	Anthracene		87.700	JQ	36.6	190	ug/Kg
Q2529-02	TP-80	SOIL	Fluoranthene		540.000		33	190	ug/Kg
Q2529-02	TP-80	SOIL	Pyrene		510.000		39.6	190	ug/Kg
Q2529-02	TP-80	SOIL	Benzo(a)anthracene		280.000		25.3	190	ug/Kg
Q2529-02	TP-80	SOIL	Chrysene		340.000		21.9	190	ug/Kg
Q2529-02	TP-80	SOIL	Benzo(b)fluoranthene		550.000		20.9	190	ug/Kg
Q2529-02	TP-80	SOIL	Benzo(k)fluoranthene		180.000	J	24.6	190	ug/Kg
Q2529-02	TP-80	SOIL	Benzo(a)pyrene		350.000	Q	32.5	190	ug/Kg
Q2529-02	TP-80	SOIL	Indeno(1,2,3-cd)pyrene		280.000	Q	32	190	ug/Kg
Q2529-02	TP-80	SOIL	Dibenzo(a,h)anthracene		80.300	J	30.1	190	ug/Kg
Q2529-02	TP-80	SOIL	Benzo(g,h,i)perylene		310.000		28.3	190	ug/Kg
			Total Svoc :		**3,868.00**				
Q2529-02	TP-80	SOIL	11H-Benzo[a]fluoren-11-one	*	100.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	1-Heneicosanol	*	120.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	AB	0	0	ug/Kg
Q2529-02	TP-80	SOIL	7H-Benz[de]anthracen-7-one	*	82.500	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	Benzo[e]pyrene	*	320.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	Benzophenone	*	130.000	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2529

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2529-02	TP-80	SOIL	Cyclopenta(def)phenanthrenone	*	78.500	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	n-Hexadecanoic acid	*	280.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	Phenanthrene, 1-methyl-	*	120.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	Phenanthrene, 2,5-dimethyl-	*	140.000	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	Pyrene, 1-methyl-	*	99.400	J	0	0	ug/Kg
Q2529-02	TP-80	SOIL	unknown21.089	*	140.000	J	0	0	ug/Kg
			Total Tics :		**1,750.40**				
			Total Concentration:		**5,618.40**				
Client ID :	**TP-79**								
Q2529-03	TP-79	SOIL	1,2-Dihydro-3-hydroxy-2-oxo-4,6	*	480.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	1-Dodecanethiol	*	89.200	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	1-Heneicosanol	*	230.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0	0	ug/Kg
Q2529-03	TP-79	SOIL	Benzophenone	*	280.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	Butane, 2-methoxy-2-methyl-	*	640.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	n-Hexadecanoic acid	*	1,200.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	Octadecanoic acid	*	6,700.000	J	0	0	ug/Kg
Q2529-03	TP-79	SOIL	Pentadecanoic acid	*	360.000	J	0	0	ug/Kg
			Total Tics :		**10,249.20**				
			Total Concentration:		**10,249.20**				
Client ID :	**TP-95**								
Q2529-04	TP-95	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	AB	0	0	ug/Kg
Q2529-04	TP-95	SOIL	Benzophenone	*	140.000	J	0	0	ug/Kg
Q2529-04	TP-95	SOIL	n-Hexadecanoic acid	*	130.000	J	0	0	ug/Kg
			Total Tics :		**430.00**				
			Total Concentration:		**430.00**				
Client ID :	**TP-98**								
Q2529-05	TP-98	SOIL	1-Hexacosene	*	81.300	J	0	0	ug/Kg
Q2529-05	TP-98	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q2529-05	TP-98	SOIL	Benzophenone	*	120.000	J	0	0	ug/Kg
Q2529-05	TP-98	SOIL	Butane, 2-methoxy-2-methyl-	*	450.000	J	0	0	ug/Kg
Q2529-05	TP-98	SOIL	n-Hexadecanoic acid	*	190.000	J	0	0	ug/Kg
			Total Tics :		**1,011.30**				
			Total Concentration:		**1,011.30**				
Client ID :	**TP-102**								
Q2529-06	TP-102	SOIL	1-Octadecanesulphonyl chloride	*	1,300.000	J	0	0	ug/Kg
Q2529-06	TP-102	SOIL	o-Terphenyl	*	1,700.000	J	0	0	ug/Kg
			Total Tics :		**3,000.00**				

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Hit Summary Sheet
SW-846

SDG No.: Q2529

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**3,000.00**				
Client ID :	**TP-101**								
Q2529-07	TP-101	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	AB	0	0	ug/Kg
Q2529-07	TP-101	SOIL	Benzophenone	*	200.000	J	0	0	ug/Kg
			Total Tics :		**380.00**				
			Total Concentration:		**380.00**				
Client ID :	**TP-89**								
Q2529-08	TP-89	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0	0	ug/Kg
Q2529-08	TP-89	SOIL	Benzophenone	*	260.000	J	0	0	ug/Kg
Q2529-08	TP-89	SOIL	Butane, 2-methoxy-2-methyl-	*	560.000	J	0	0	ug/Kg
Q2529-08	TP-89	SOIL	n-Hexadecanoic acid	*	160.000	J	0	0	ug/Kg
Q2529-08	TP-89	SOIL	Octacosanol	*	85.300	J	0	0	ug/Kg
			Total Tics :		**1,335.30**				
			Total Concentration:		**1,335.30**				
Client ID :	**TP-33**								
Q2529-09	TP-33	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	AB	0	0	ug/Kg
Q2529-09	TP-33	SOIL	Benzophenone	*	230.000	J	0	0	ug/Kg
Q2529-09	TP-33	SOIL	Butane, 2-methoxy-2-methyl-	*	420.000	J	0	0	ug/Kg
Q2529-09	TP-33	SOIL	n-Hexadecanoic acid	*	93.000	J	0	0	ug/Kg
			Total Tics :		**923.00**				
			Total Concentration:		**923.00**				
Client ID :	**TP-30**								
Q2529-10	TP-30	SOIL	1-Heneicosanol	*	99.100	J	0	0	ug/Kg
Q2529-10	TP-30	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	AB	0	0	ug/Kg
Q2529-10	TP-30	SOIL	Benzophenone	*	250.000	J	0	0	ug/Kg
Q2529-10	TP-30	SOIL	n-Hexadecanoic acid	*	130.000	J	0	0	ug/Kg
			Total Tics :		**649.10**				
			Total Concentration:		**649.10**				



QC SUMMARY

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

SW-846

SDG No.: Q2529

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	High
PB168767BL	PB168767BL	2-Fluorophenol	150	146	97		18	112
		Phenol-d6	150	138	92		15	107
		Nitrobenzene-d5	100	99.6	100		18	107
		2-Fluorobiphenyl	100	96.5	96		20	109
		2,4,6-Tribromophenol	150	156	104		10	116
		Terphenyl-d14	100	105	105		10	105
PB168767BS	PB168767BS	2-Fluorophenol	150	155	103		18	112
		Phenol-d6	150	148	98		15	107
		Nitrobenzene-d5	100	103	103		18	107
		2-Fluorobiphenyl	100	98.8	99		20	109
		2,4,6-Tribromophenol	150	161	107		10	116
		Terphenyl-d14	100	105	105		10	105
Q2517-01MS	TP-14MS	2-Fluorophenol	150	80.8	54		18	112
		Phenol-d6	150	82.0	55		15	107
		Nitrobenzene-d5	100	52.1	52		18	107
		2-Fluorobiphenyl	100	50.6	51		20	109
		2,4,6-Tribromophenol	150	77.3	52		10	116
		Terphenyl-d14	100	37.5	38		10	105
Q2517-01MSD	TP-14MSD	2-Fluorophenol	150	73.7	49		18	112
		Phenol-d6	150	74.5	50		15	107
		Nitrobenzene-d5	100	48.0	48		18	107
		2-Fluorobiphenyl	100	46.5	47		20	109
		2,4,6-Tribromophenol	150	67.5	45		10	116
		Terphenyl-d14	100	33.5	33		10	105
Q2529-01	TP-91	2-Fluorophenol	150	69.7	46		18	112
		Phenol-d6	150	70.0	47		15	107
		Nitrobenzene-d5	100	49.5	49		18	107
		2-Fluorobiphenyl	100	49.0	49		20	109
		2,4,6-Tribromophenol	150	78.7	52		10	116
		Terphenyl-d14	100	49.6	50		10	105
Q2529-02	TP-80	2-Fluorophenol	150	67.9	45		18	112
		Phenol-d6	150	64.6	43		15	107
		Nitrobenzene-d5	100	48.6	49		18	107
		2-Fluorobiphenyl	100	43.7	44		20	109
		2,4,6-Tribromophenol	150	84.9	57		10	116
		Terphenyl-d14	100	51.0	51		10	105
Q2529-03	TP-79	2-Fluorophenol	150	127	85		18	112
		Phenol-d6	150	131	87		15	107
		Nitrobenzene-d5	100	79.3	79		18	107
		2-Fluorobiphenyl	100	74.1	74		20	109
		2,4,6-Tribromophenol	150	160	106		10	116
		Terphenyl-d14	100	80.4	80		10	105
Q2529-04	TP-95	2-Fluorophenol	150	77.0	51		18	112
		Phenol-d6	150	75.7	50		15	107
		Nitrobenzene-d5	100	53.9	54		18	107
		2-Fluorobiphenyl	100	47.7	48		20	109
		2,4,6-Tribromophenol	150	84.6	56		10	116
		Terphenyl-d14	100	49.7	50		10	105
Q2529-05	TP-98	2-Fluorophenol	150	73.7	49		18	112
		Phenol-d6	150	75.3	50		15	107
		Nitrobenzene-d5	100	45.8	46		18	107

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Surrogate Summary

SW-846

SDG No.: Q2529

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2529-05	TP-98	2-Fluorobiphenyl	100	42.5	43		20	109
		2,4,6-Tribromophenol	150	82.7	55		10	116
		Terphenyl-d14	100	48.4	48		10	105
Q2529-06	TP-102	2-Fluorophenol	150	60.5	40		18	112
		Phenol-d6	150	60.0	40		15	107
		Nitrobenzene-d5	100	38.3	38		18	107
		2-Fluorobiphenyl	100	46.0	46		20	109
		2,4,6-Tribromophenol	150	44.1	29		10	116
		Terphenyl-d14	100	30.6	31		10	105
Q2529-07	TP-101	2-Fluorophenol	150	75.3	50		18	112
		Phenol-d6	150	77.8	52		15	107
		Nitrobenzene-d5	100	51.0	51		18	107
		2-Fluorobiphenyl	100	52.5	52		20	109
		2,4,6-Tribromophenol	150	53.9	36		10	116
		Terphenyl-d14	100	37.8	38		10	105
Q2529-08	TP-89	2-Fluorophenol	150	125	83		18	112
		Phenol-d6	150	127	84		15	107
		Nitrobenzene-d5	100	76.3	76		18	107
		2-Fluorobiphenyl	100	73.0	73		20	109
		2,4,6-Tribromophenol	150	147	98		10	116
		Terphenyl-d14	100	82.8	83		10	105
Q2529-09	TP-33	2-Fluorophenol	150	90.0	60		18	112
		Phenol-d6	150	90.7	60		15	107
		Nitrobenzene-d5	100	54.1	54		18	107
		2-Fluorobiphenyl	100	50.8	51		20	109
		2,4,6-Tribromophenol	150	97.0	65		10	116
		Terphenyl-d14	100	63.0	63		10	105
Q2529-10	TP-30	2-Fluorophenol	150	86.8	58		18	112
		Phenol-d6	150	84.3	56		15	107
		Nitrobenzene-d5	100	60.3	60		18	107
		2-Fluorobiphenyl	100	58.1	58		20	109
		2,4,6-Tribromophenol	150	104	69		10	116
		Terphenyl-d14	100	60.6	61		10	105

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143060.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2517-01MS		**Client Sample ID: TP-14MS**									
Benzaldehyde	1100	0	1000	ug/Kg	91				10	171	
Phenol	1100	0	1000	ug/Kg	91				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	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	1100	ug/Kg	100				49	125	
N-Nitroso-di-n-propylamine	1100	0	1000	ug/Kg	91				59	119	
Hexachloroethane	1100	0	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	1100	ug/Kg	100				51	121	
4-Chloroaniline	1100	0	620	ug/Kg	56				10	100	
Hexachlorobutadiene	1100	0	1100	ug/Kg	100				44	126	
Caprolactam	1100	0	990	ug/Kg	90				51	134	
4-Chloro-3-methylphenol	1100	0	1100	ug/Kg	100				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	980	ug/Kg	89				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	1100	ug/Kg	100				48	124	
2-Nitroaniline	1100	0	1100	ug/Kg	100				47	134	
Dimethylphthalate	1100	0	1100	ug/Kg	100				54	120	
Acenaphthylene	1100	0	1100	ug/Kg	100				57	125	
2,6-Dinitrotoluene	1100	0	1100	ug/Kg	100				48	127	
3-Nitroaniline	1100	0	830	ug/Kg	75				10	112	
Acenaphthene	1100	0	1100	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300	0	570	ug/Kg	25				10	155	
4-Nitrophenol	2300	0	1400	ug/Kg	61				10	175	
Dibenzofuran	1100	0	1100	ug/Kg	100				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	620	ug/Kg	56				10	160	
N-Nitrosodiphenylamine	1100	0	1200	ug/Kg	109				73	118	
4-Bromophenyl-phenylether	1100	0	1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1200	ug/Kg	109				45	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143060.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	1100	ug/Kg	48				13	153	
Phenanthrene	1100	0	1100	ug/Kg	100				52	128	
Anthracene	1100	0	1100	ug/Kg	100				62	124	
Carbazole	1100	0	1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100	0	1200	ug/Kg	109				55	125	
Fluoranthene	1100	0	1000	ug/Kg	91				44	125	
Pyrene	1100	0	790	ug/Kg	72				37	122	
Butylbenzylphthalate	1100	0	1000	ug/Kg	91				44	135	
3,3-Dichlorobenzidine	1100	0	740	ug/Kg	67				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	980	ug/Kg	89				42	169	
Di-n-octyl phthalate	1100	0	990	ug/Kg	90				51	156	
Benzo(b)fluoranthene	1100	0	1200	ug/Kg	109				52	117	
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	910	ug/Kg	83				40	129	
Dibenz(a,h)anthracene	1100	0	900	ug/Kg	82				43	123	
Benzo(g,h,i)perylene	1100	0	860	ug/Kg	78				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	890	ug/Kg	81				24	146	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2517-01MSD		**Client Sample ID: TP-14MSD**									
Benzaldehyde	1100	0	960	ug/Kg	87		4		10	171	20
Phenol	1100	0	920	ug/Kg	84		8		51	122	20
bis(2-Chloroethyl)ether	1100	0	950	ug/Kg	86		6		54	125	20
2-Chlorophenol	1100	0	950	ug/Kg	86		6		51	121	20
2-Methylphenol	1100	0	950	ug/Kg	86		6		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	850	ug/Kg	77		10		46	119	20
Acetophenone	1100	0	1000	ug/Kg	91		9		55	128	20
3+4-Methylphenols	1100	0	970	ug/Kg	88		13		49	125	20
N-Nitroso-di-n-propylamine	1100	0	950	ug/Kg	86		6		59	119	20
Hexachloroethane	1100	0	930	ug/Kg	85		7		51	116	20
Nitrobenzene	1100	0	970	ug/Kg	88		3		47	124	20
Isophorone	1100	0	950	ug/Kg	86		6		49	127	20
2-Nitrophenol	1100	0	1000	ug/Kg	91		9		43	131	20
2,4-Dimethylphenol	1100	0	950	ug/Kg	86		6		63	151	20
bis(2-Chloroethoxy)methane	1100	0	940	ug/Kg	85		7		51	119	20
2,4-Dichlorophenol	1100	0	970	ug/Kg	88		3		50	122	20
Naphthalene	1100	0	970	ug/Kg	88		13		51	121	20
4-Chloroaniline	1100	0	490	ug/Kg	45		22	*	10	100	20
Hexachlorobutadiene	1100	0	990	ug/Kg	90		11		44	126	20
Caprolactam	1100	0	890	ug/Kg	81		11		51	134	20
4-Chloro-3-methylphenol	1100	0	940	ug/Kg	85		16		57	132	20
2-Methylnaphthalene	1100	0	960	ug/Kg	87		4		59	123	20
Hexachlorocyclopentadiene	2300	0	1300	ug/Kg	57		20		10	175	20
2,4,6-Trichlorophenol	1100	0	890	ug/Kg	81		9		33	141	20
2,4,5-Trichlorophenol	1100	0	890	ug/Kg	81		12		38	135	20
1,1-Biphenyl	1100	0	1000	ug/Kg	91		9		55	131	20
2-Chloronaphthalene	1100	0	1000	ug/Kg	91		9		48	124	20
2-Nitroaniline	1100	0	1000	ug/Kg	91		9		47	134	20
Dimethylphthalate	1100	0	990	ug/Kg	90		11		54	120	20
Acenaphthylene	1100	0	1000	ug/Kg	91		9		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		9		48	127	20
3-Nitroaniline	1100	0	670	ug/Kg	61		21	*	10	112	20
Acenaphthene	1100	0	980	ug/Kg	89		12		70	121	20
2,4-Dinitrophenol	2300	0	610	ug/Kg	27		8		10	155	20
4-Nitrophenol	2300	0	1300	ug/Kg	57		7		10	175	20
Dibenzofuran	1100	0	980	ug/Kg	89		12		52	114	20
2,4-Dinitrotoluene	1100	0	970	ug/Kg	88		13		41	140	20
Diethylphthalate	1100	0	980	ug/Kg	89		12		51	119	20
4-Chlorophenyl-phenylether	1100	0	970	ug/Kg	88		13		48	122	20
Fluorene	1100	0	990	ug/Kg	90		11		53	118	20
4-Nitroaniline	1100	0	930	ug/Kg	85		16		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	620	ug/Kg	56		0		10	160	20
N-Nitrosodiphenylamine	1100	0	1100	ug/Kg	100		9		73	118	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100		0		67	118	20
Atrazine	1100	0	1100	ug/Kg	100		9		45	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** SW8270E

Client: CDM Smith **DataFile:** BF143061.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	2300	0	1000	ug/Kg	43		11		13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91		9		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		9		62	124	20
Carbazole	1100	0	990	ug/Kg	90		11		59	119	20
Di-n-butylphthalate	1100	0	1100	ug/Kg	100		9		55	125	20
Fluoranthene	1100	0	940	ug/Kg	85		7		44	125	20
Pyrene	1100	0	710	ug/Kg	65		10		37	122	20
Butylbenzylphthalate	1100	0	920	ug/Kg	84		8		44	135	20
3,3-Dichlorobenzidine	1100	0	600	ug/Kg	55		20		15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91		9		53	119	20
Chrysene	1100	0	990	ug/Kg	90		11		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	840	ug/Kg	76		16		42	169	20
Di-n-octyl phthalate	1100	0	870	ug/Kg	79		13		51	156	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91		18		52	117	20
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100		9		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	810	ug/Kg	74		11		40	129	20
Dibenz(a,h)anthracene	1100	0	810	ug/Kg	74		10		43	123	20
Benzo(g,h,i)perylene	1100	0	740	ug/Kg	67		15		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1000	ug/Kg	91		9		52	134	20
1,4-Dioxane	1100	0	830	ug/Kg	75		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	780	ug/Kg	71		13		24	146	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025084.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168767BS	Benzaldehyde	1700	1700	ug/Kg	100				10	133	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1700	ug/Kg	100				72	108	
	Nitrobenzene	1700	1700	ug/Kg	100				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	2400	ug/Kg	141				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	6900	ug/Kg	209		*		45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106		*		61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3400	ug/Kg	103				37	128	
	4-Nitrophenol	3300	3700	ug/Kg	112				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2529 **Analytical Method:** 8270E

Client: CDM Smith **DataFile:** BP025084.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168767BS	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3500	ug/Kg	106		*		67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB168767BL

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q2529

Lab File ID: BP025083.D | Lab Sample ID: PB168767BL

Instrument ID: BNA_P | Date Extracted: 07/09/2025

Matrix: (soil/water) SOIL | Date Analyzed: 07/10/2025

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168767BS	PB168767BS	BP025084.D	07/10/2025
TP-30	Q2529-10	BP025088.D	07/10/2025
TP-95	Q2529-04	BP025089.D	07/10/2025
TP-91	Q2529-01	BP025090.D	07/10/2025
TP-80	Q2529-02	BP025162.D	07/16/2025
TP-14MS	Q2517-01MS	BF143060.D	07/09/2025
TP-14MSD	Q2517-01MSD	BF143061.D	07/09/2025
TP-101	Q2529-07	BF143062.D	07/09/2025
TP-102	Q2529-06	BF143065.D	07/09/2025
TP-79	Q2529-03	BM050390.D	07/10/2025
TP-98	Q2529-05	BM050391.D	07/10/2025
TP-89	Q2529-08	BM050392.D	07/10/2025
TP-33	Q2529-09	BM050393.D	07/10/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2529

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: CAMP02

Lab Code: ACE — SDG NO.: Q2529

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
TP-14MS	Q2517-01MS	BF143060.D	07/09/2025	17:00
TP-14MSD	Q2517-01MSD	BF143061.D	07/09/2025	17:30
TP-101	Q2529-07	BF143062.D	07/09/2025	18:01
TP-102	Q2529-06	BF143065.D	07/09/2025	19:33

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2529

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

Instrument ID: BNA_M — DFTPP Injection Time: 11:59

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2529

Lab File ID: BM050387.D — DFTPP Injection Date: 07/10/2025

Instrument ID: BNA_M — DFTPP Injection Time: 13:13

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050388.D	07/10/2025	13:53
TP-79	Q2529-03	BM050390.D	07/10/2025	15:17
TP-98	Q2529-05	BM050391.D	07/10/2025	15:57
TP-89	Q2529-08	BM050392.D	07/10/2025	16:37
TP-33	Q2529-09	BM050393.D	07/10/2025	17:18

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: CAMP02

Lab Code: ACE | SDG NO.: Q2529

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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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2529

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
PB168767BL	PB168767BL	BP025083.D	07/10/2025	14:48
PB168767BS	PB168767BS	BP025084.D	07/10/2025	15:30
TP-30	Q2529-10	BP025088.D	07/10/2025	18:21
TP-95	Q2529-04	BP025089.D	07/10/2025	19:03
TP-91	Q2529-01	BP025090.D	07/10/2025	19:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: CAMP02

Lab Code: ACE — SDG NO.: Q2529

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

Instrument ID: BNA_P — DFTPP Injection Time: 11:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	28.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	93.6
443	15.0 - 24.0% of mass 442	18.5 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025155.D	07/16/2025	12:42
TP-80	Q2529-02	BP025162.D	07/16/2025	17:36

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: CHEM SDG NO.: Q2529

Client ID : SSTDICCC040 Date Analyzed: 06/19/2025

Lab File ID: BF142792.D Time Analyzed: 19:09

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	83734	6.881	313297	8.17	161991	9.92
	UPPER LIMIT	167468	7.381	626594	8.669	323982	10.422
	LOWER LIMIT	41867	6.381	156649	7.669	80995.5	9.422
	EPA SAMPLE NO.						
01	TP-102	44597	6.87	162685	8.16	74800 *	9.91
02	TP-14MS	52081	6.87	191892	8.16	94721	9.92
03	TP-101	47254	6.87	174308	8.16	90374	9.91
04	TP-14MSD	49173	6.87	178050	8.16	87986	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: CHEM SDG NO.: Q2529

Client ID: SSTDICCC040 Date Analyzed: 06/19/2025

Lab File ID: BF142792.D Time Analyzed: 19:09

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	263346	11.41	142481	14.057	170267	15.545
	UPPER LIMIT	526692	11.91	284962	14.557	340534	16.045
	LOWER LIMIT	131673	10.91	71240.5	13.557	85133.5	15.045
	EPA SAMPLE NO.						
01	TP-102	114652 *	11.40	120675	14.05	79996 *	15.55
02	TP-14MS	141827	11.40	102470	14.06	129759	15.55
03	TP-101	137992	11.40	101609	14.05	114308	15.55
04	TP-14MSD	128612 *	11.40	92445	14.05	117034	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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	TP-14MS	52081	6.87	191892	8.16	94721	9.92
02	TP-14MSD	49173	6.87	178050	8.16	87986	9.92
03	TP-101	47254	6.87	174308	8.16	90374	9.91
04	TP-102	44597	6.87	162685	8.16	74800	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

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.: Q2529

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	TP-14MS	141827	11.40	102470	14.06	129759	15.55
02	TP-14MSD	128612	11.40	92445	14.05	117034	15.55
03	TP-101	137992	11.40	101609	14.05	114308	15.55
04	TP-102	114652	11.40	120675	14.05	79996	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: CHEM SDG NO.: Q2529

Client ID : SSTDICCC040 Date Analyzed: 07/08/2025

Lab File ID: BM050381.D Time Analyzed: 15:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	390087	7.863	1498320	10.66	967077	14.49
	UPPER LIMIT	780174	8.363	2996640	11.163	1934150	14.992
	LOWER LIMIT	195044	7.363	749160	10.163	483539	13.992
	EPA SAMPLE NO.						
01	TP-79	494196	7.86	1809490	10.66	1160200	14.49
02	TP-98	541235	7.86	1982500	10.66	1258100	14.49
03	TP-89	534860	7.86	1946890	10.66	1231740	14.49
04	TP-33	508555	7.86	1849710	10.66	1187750	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: CHEM SDG NO.: Q2529

Client ID: SSTDICCC040 Date Analyzed: 07/08/2025

Lab File ID: BM050381.D Time Analyzed: 15:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1834050	17.227	1904000	21.456	1842290	24.497
	UPPER LIMIT	3668100	17.727	3808000	21.956	3684580	24.997
	LOWER LIMIT	917025	16.727	952000	20.956	921145	23.997
	EPA SAMPLE NO.						
01	TP-79	2509640	17.22	2687320	21.45	2766870	24.49
02	TP-98	2502020	17.23	2656850	21.45	2652820	24.49
03	TP-89	2477430	17.23	2462750	21.45	2316010	24.49
04	TP-33	2414090	17.22	2506900	21.45	2387080	24.49

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.: Q2529

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	446689	7.863	1689420	10.66	1077980	14.49
	UPPER LIMIT	893378	8.363	3378840	11.157	2155960	14.992
	LOWER LIMIT	223345	7.363	844710	10.157	538990	13.992
	EPA SAMPLE NO.						
01	TP-33	508555	7.86	1849710	10.66	1187750	14.49
02	TP-79	494196	7.86	1809490	10.66	1160200	14.49
03	TP-98	541235	7.86	1982500	10.66	1258100	14.49
04	TP-89	534860	7.86	1946890	10.66	1231740	14.49

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2057470	17.227	2112610	21.45	2045330	24.491
	UPPER LIMIT	4114940	17.727	4225220	21.95	4090660	24.991
	LOWER LIMIT	1028740	16.727	1056310	20.95	1022670	23.991
	EPA SAMPLE NO.						
01	TP-33	2414090	17.22	2506900	21.45	2387080	24.49
02	TP-79	2509640	17.22	2687320	21.45	2766870	24.49
03	TP-98	2502020	17.23	2656850	21.45	2652820	24.49
04	TP-89	2477430	17.23	2462750	21.45	2316010	24.49

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: CHEM SDG NO.: Q2529

Client ID : SSTDICCC040 Date Analyzed: 07/03/2025

Lab File ID: BP025075.D Time Analyzed: 12:25

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	390810	7.443	1560150	10.18	1003100	14.09
	UPPER LIMIT	781620	7.943	3120300	10.684	2006200	14.589
	LOWER LIMIT	195405	6.943	780075	9.684	501550	13.589
	EPA SAMPLE NO.						
01	PB168767BL	405320	7.43	1589650	10.18	1018800	14.09
02	PB168767BS	420219	7.44	1675730	10.18	1078670	14.08
03	TP-91	532751	7.44	2130140	10.18	1357230	14.08
04	TP-95	552278	7.44	2209290	10.19	1404890	14.10
05	TP-30	546199	7.44	2144560	10.18	1342160	14.08
06	TP-80	576516	7.44	2197510	10.19	1357110	14.10

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

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: CHEM SDG NO.: Q2529

Client ID: SSTDICCC040 Date Analyzed: 07/03/2025

Lab File ID: BP025075.D Time Analyzed: 12:25

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	2062710	16.907	2262590	21.342	2431660	24.495
	UPPER LIMIT	4125420	17.407	4525180	21.842	4863320	24.995
	LOWER LIMIT	1031360	16.407	1131300	20.842	1215830	23.995
	EPA SAMPLE NO.						
01	PB168767BL	2249210	16.91	2364660	21.34	2401940	24.47
02	PB168767BS	2205230	16.91	2320390	21.35	2463990	24.48
03	TP-91	2770430	16.90	3117380	21.34	3248940	24.48
04	TP-95	2847970	16.91	3149270	21.32	3314390	24.46
05	TP-30	2785700	16.90	3238760	21.34	3650800	24.48
06	TP-80	2583320	16.93	2698510	21.35	3269620	24.48

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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	PB168767BL	405320	7.43	1589650	10.18	1018800	14.09
02	PB168767BS	420219	7.44	1675730	10.18	1078670	14.08
03	TP-30	546199	7.44	2144560	10.18	1342160	14.08
04	TP-91	532751	7.44	2130140	10.18	1357230	14.08
05	TP-95	552278	7.44	2209290	10.19	1404890	14.10

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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	PB168767BL	2249210	16.91	2364660	21.34	2401940	24.47
02	PB168767BS	2205230	16.91	2320390	21.35	2463990	24.48
03	TP-30	2785700	16.90	3238760	21.34	3650800	24.48
04	TP-91	2770430	16.90	3117380	21.34	3248940	24.48
05	TP-95	2847970	16.91	3149270	21.32	3314390	24.46

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	564997	7.443	2237580	10.20	1465070	14.10
	UPPER LIMIT	1129990	7.943	4475160	10.696	2930140	14.595
	LOWER LIMIT	282499	6.943	1118790	9.696	732535	13.595
	EPA SAMPLE NO.						
01	TP-80	576516	7.44	2197510	10.19	1357110	14.10

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2529

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2922940	16.93	2997870	21.36	3472370	24.501
	UPPER LIMIT	5845880	17.43	5995740	21.86	6944740	25.001
	LOWER LIMIT	1461470	16.43	1498940	20.86	1736190	24.001
	EPA SAMPLE NO.						
01	TP-80	2583320	16.93	2698510	21.35	3269620	24.48

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

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

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



SAMPLE DATA

Raw Data: **BP025090.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-91	SDG No.:	Q2529
Lab Sample ID:	Q2529-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025090.D	1	07/09/25 08:55	07/10/25 19:44	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.8	U	26.8	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.2	U	41.2	190	ug/Kg
98-86-2	Acetophenone	32.4	U	32.4	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.1	U	52.1	87.9	ug/Kg
67-72-1	Hexachloroethane	19.3	U	19.3	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.0	UQ	36.0	190	ug/Kg
88-75-5	2-Nitrophenol	64.0	U	64.0	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.2	U	71.2	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.8	U	33.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.1	U	31.1	190	ug/Kg
91-20-3	Naphthalene	24.9	U	24.9	190	ug/Kg
106-47-8	4-Chloroaniline	38.9	U	38.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.8	U	27.8	190	ug/Kg
105-60-2	Caprolactam	57.3	U	57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.5	U	31.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.1	U	28.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	UQ	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	UQ	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.7	U	24.7	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	ug/Kg

Raw Data: **BP025090.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-91	SDG No.:	Q2529
Lab Sample ID:	Q2529-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025090.D	1	07/09/25 08:55	07/10/25 19:44	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.8	UQ	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.9	UQ	36.9	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.9	U	24.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	190	ug/Kg
84-66-2	Diethylphthalate	31.1	U	31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.3	U	29.3	190	ug/Kg
86-73-7	Fluorene	27.8	U	27.8	190	ug/Kg
100-01-6	4-Nitroaniline	70.6	UQ	70.6	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	UQ	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.8	UQ	27.8	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.4	UQ	56.4	360	ug/Kg
85-01-8	Phenanthrene	23.0	U	23.0	190	ug/Kg
120-12-7	Anthracene	36.6	UQ	36.6	190	ug/Kg
86-74-8	Carbazole	34.3	UQ	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.6	UQ	52.6	190	ug/Kg
206-44-0	Fluoranthene	200		33.0	190	ug/Kg
129-00-0	Pyrene	170	J	39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.5	U	78.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.3	U	40.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	25.3	190	ug/Kg
218-01-9	Chrysene	130	J	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.1	U	65.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.4	U	95.4	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	190		20.9	190	ug/Kg

Raw Data: **BP025090.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-91	SDG No.:	Q2529
Lab Sample ID:	Q2529-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025090.D	1	07/09/25 08:55	07/10/25 19:44	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.6	U	24.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	120	JQ	32.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.7	JQ	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.1	U	30.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.8	J	28.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.1	U	28.1	190	ug/Kg
123-91-1	1,4-Dioxane	49.7	U	49.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.1	U	30.1	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.7		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	70.0		15 - 107	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	49.5		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.0		20 - 109	49%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.7		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	49.6		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	533000	7.443			
1146-65-2	Naphthalene-d8	2130000	10.184			
15067-26-2	Acenaphthene-d10	1360000	14.084			
1517-22-2	Phenanthrene-d10	2770000	16.901			
1719-03-5	Chrysene-d12	3120000	21.336			
1520-96-3	Perylene-d12	3250000	24.483			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB		4.66	ug/Kg
000119-61-9	Benzophenone	120	J		15.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	96.7	J		17.9	ug/Kg
000295-48-7	Cyclopentadecane	81.0	J		21.1	ug/Kg
000192-97-2	Benzo[e]pyrene	110	J		24.2	ug/Kg

Raw Data: **BP025090.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/03/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-91	SDG No.:	Q2529
Lab Sample ID:	Q2529-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.9
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025090.D	1	07/09/25 08:55	07/10/25 19:44	PB168767

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

Quant Time: Jul 11 02:31:54 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

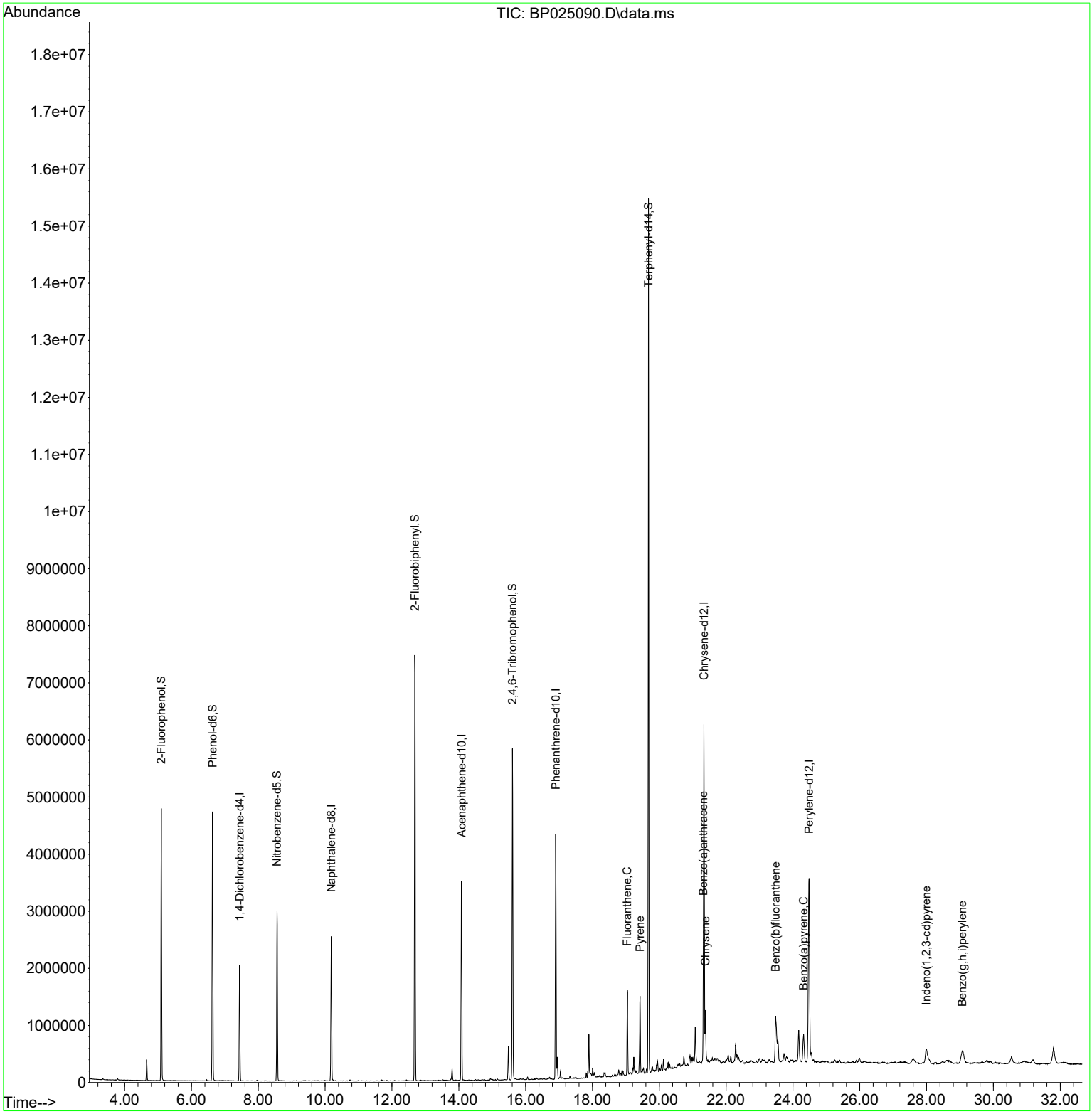
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	532751	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2130139	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1357231	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	2770425	20.000	ng	0.00
76) Chrysene-d12	21.336	240	3117375	20.000	ng	0.00
86) Perylene-d12	24.483	264	3248937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2097186	69.749	ng	0.00
7) Phenol-d6	6.631	99	2745803	69.979	ng	0.00
23) Nitrobenzene-d5	8.561	82	1584486	49.469	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1262136	78.719	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	4296056	49.036	ng	-0.01
79) Terphenyl-d14	19.678	244	7037354	49.614	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.042	202	963301	5.567	ng	99
78) Pyrene	19.425	202	871177	4.512	ng	99
81) Benzo(a)anthracene	21.319	228	520755m	2.757	ng	
83) Chrysene	21.383	228	623611	3.430	ng	98
87) Indeno(1,2,3-cd)pyrene	27.989	276	438696	2.120	ng	# 89
88) Benzo(b)fluoranthene	23.483	252	983678	5.202	ng	99
90) Benzo(a)pyrene	24.319	252	537106	3.337	ng	98
92) Benzo(g,h,i)perylene	29.071	276	399582	2.261	ng	98

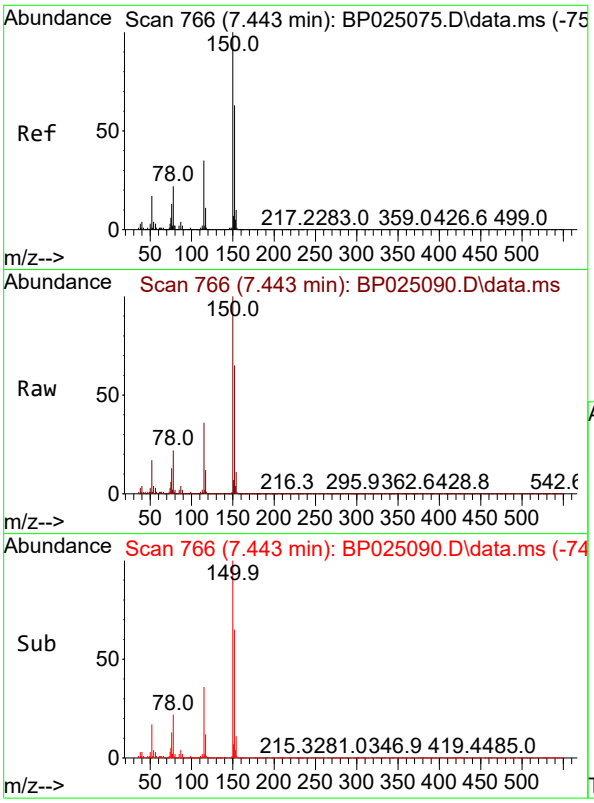
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

Quant Time: Jul 11 02:31:54 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



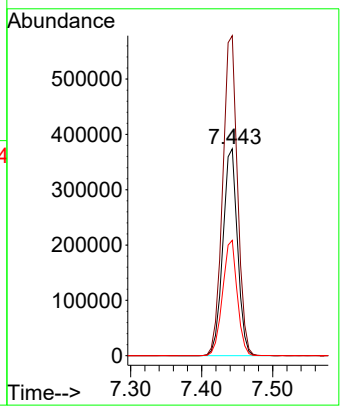


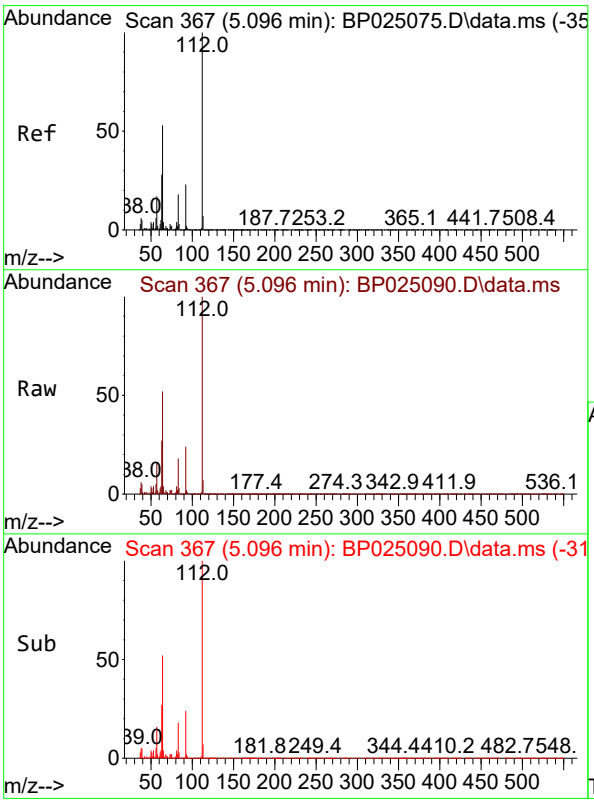
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:152 Resp: 532751

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.1	189.1
115	55.8	44.3	66.5

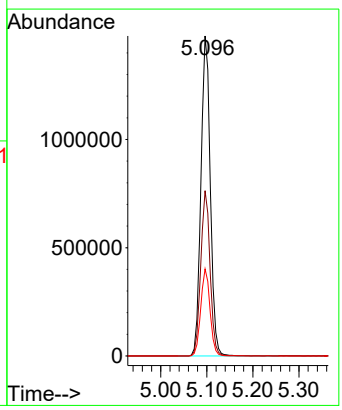


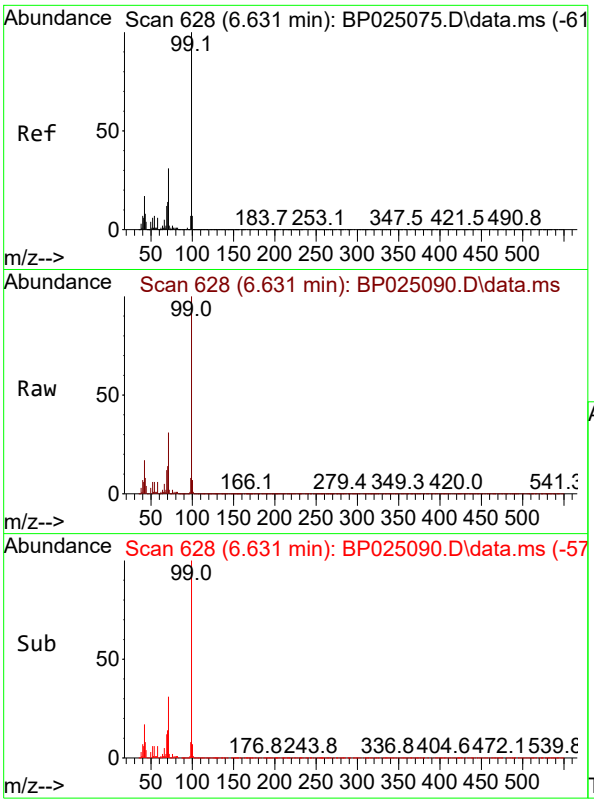


#5
2-Fluorophenol
Concen: 69.749 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:112 Resp: 2097186

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	27.2	22.2	33.2



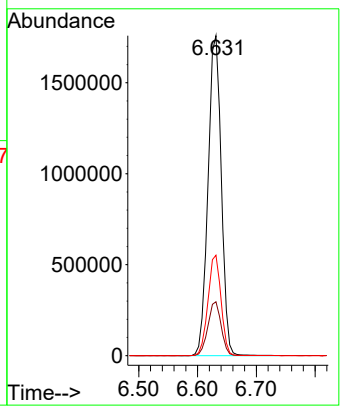


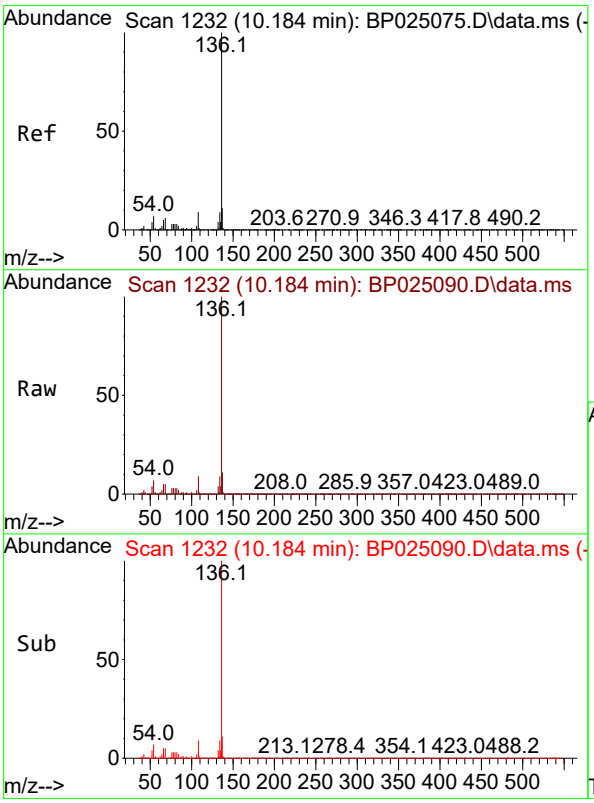
#7
Phenol-d6
Concen: 69.979 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion: 99 Resp: 2745803

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.4	24.4	36.6

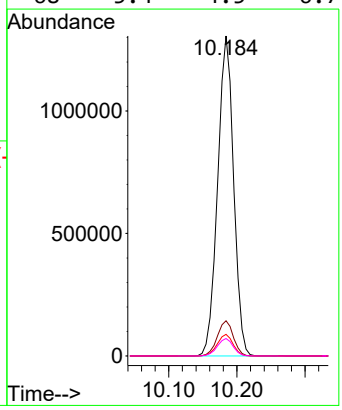


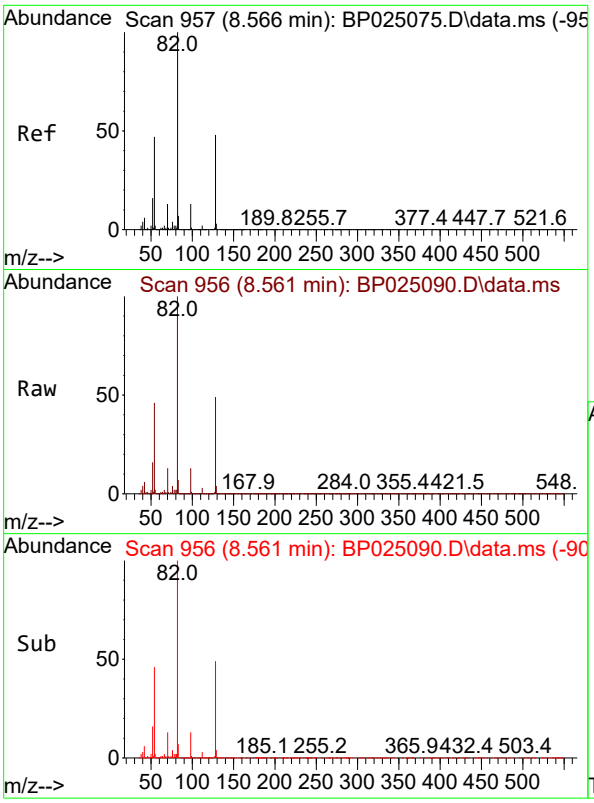


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:136 Resp: 2130139

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7



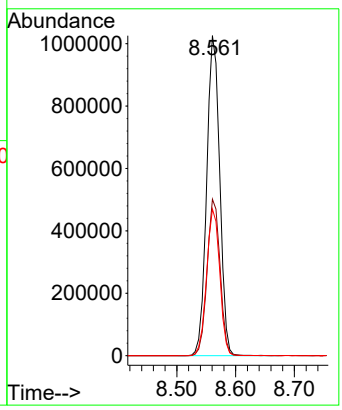


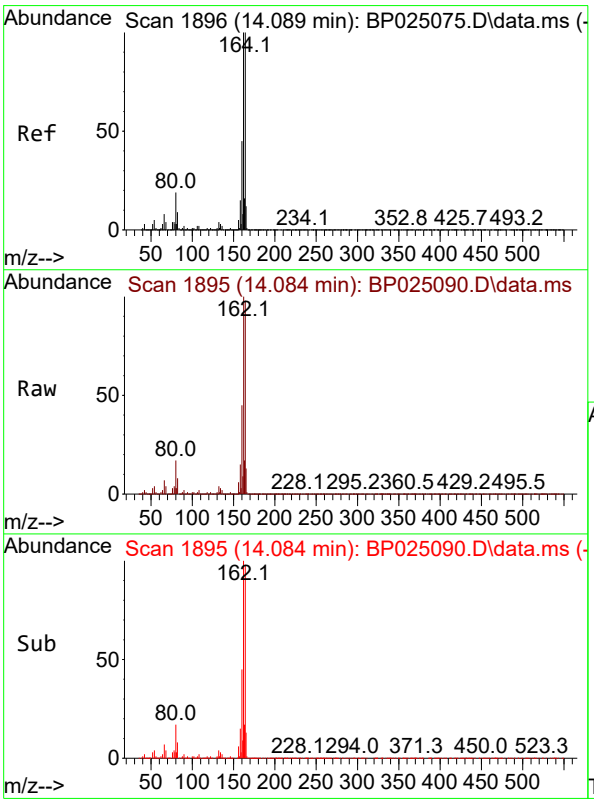
#23
Nitrobenzene-d5
Concen: 49.469 ng
RT: 8.561 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion: 82 Resp: 1584486

Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.4	57.6
54	45.8	37.8	56.6

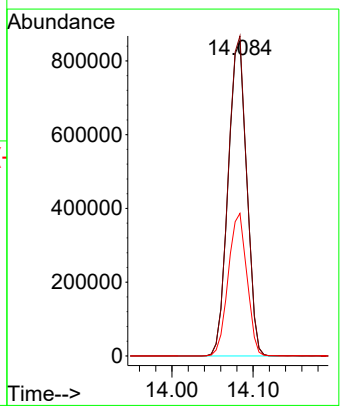


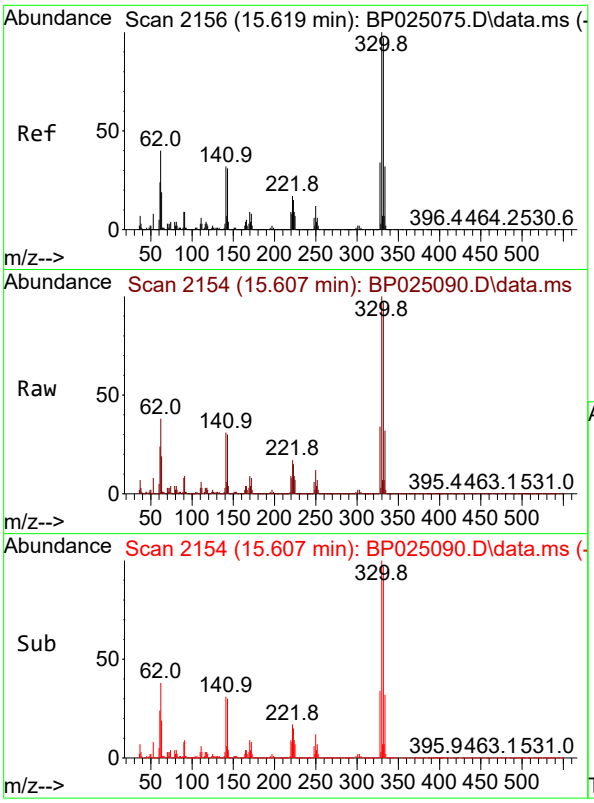


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:164 Resp: 1357231

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.3	120.5
160	45.3	35.9	53.9



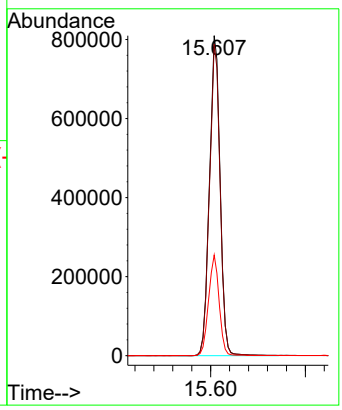


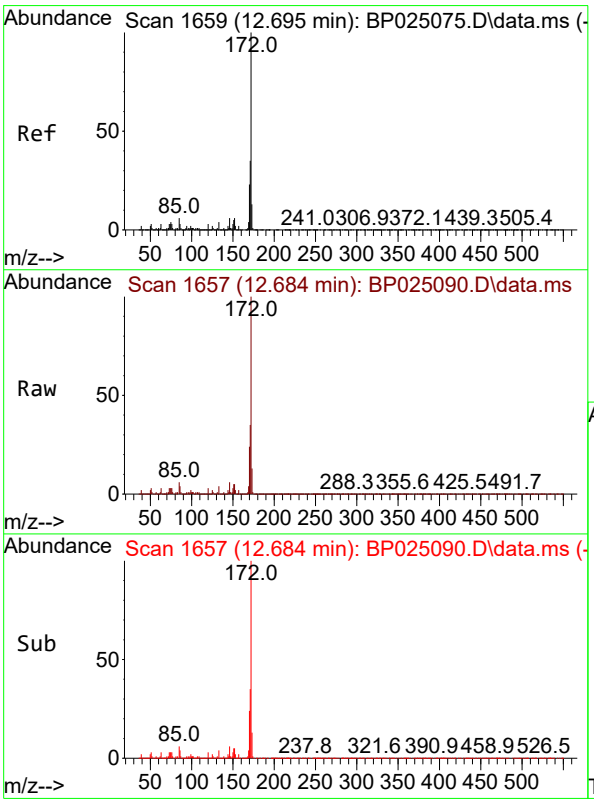
#42
2,4,6-Tribromophenol
Concen: 78.719 ng
RT: 15.607 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:330 Resp: 1262136

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	31.2	26.0	39.0

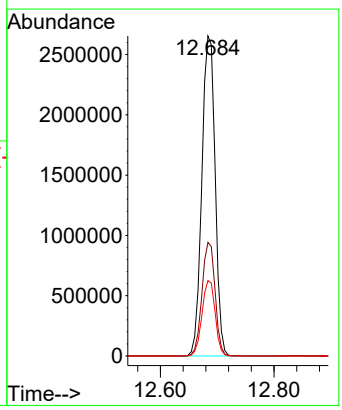


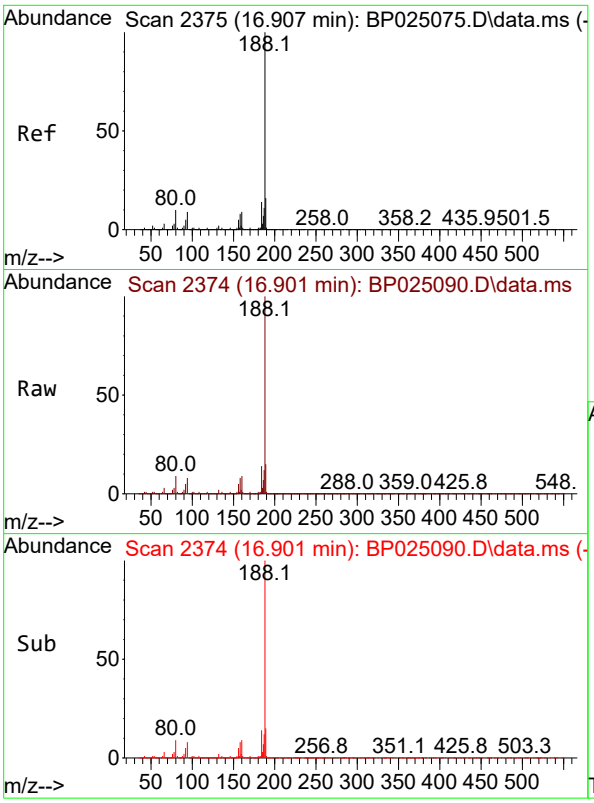


#45
2-Fluorobiphenyl
Concen: 49.036 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:172 Resp: 4296056

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.5	18.7	28.1



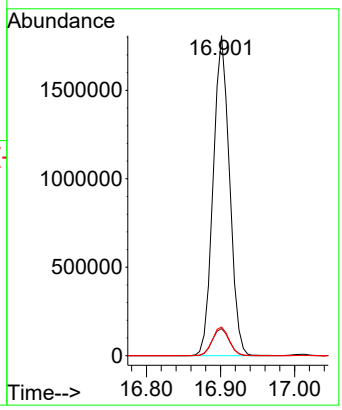


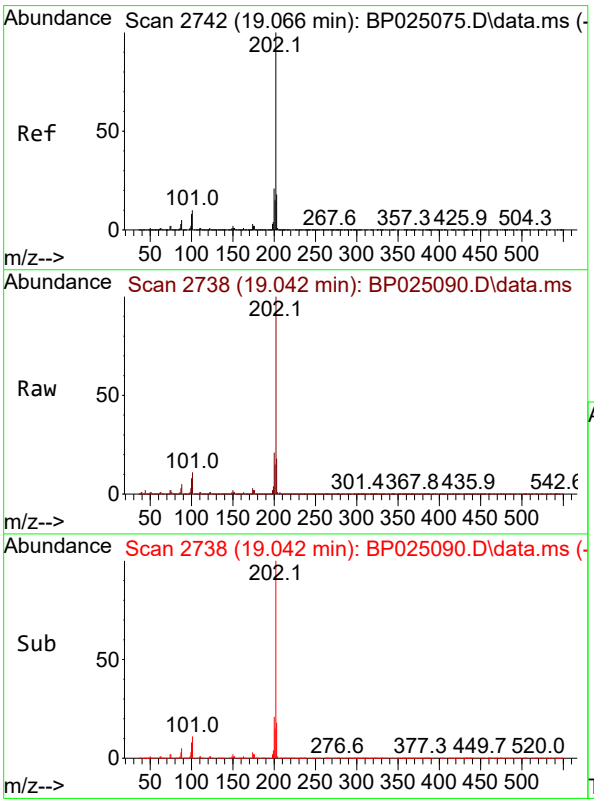
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:188 Resp: 2770425

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.3	10.9
80	9.0	7.8	11.6

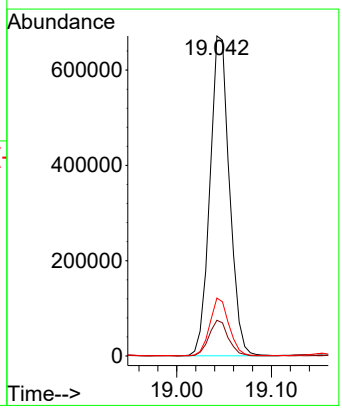


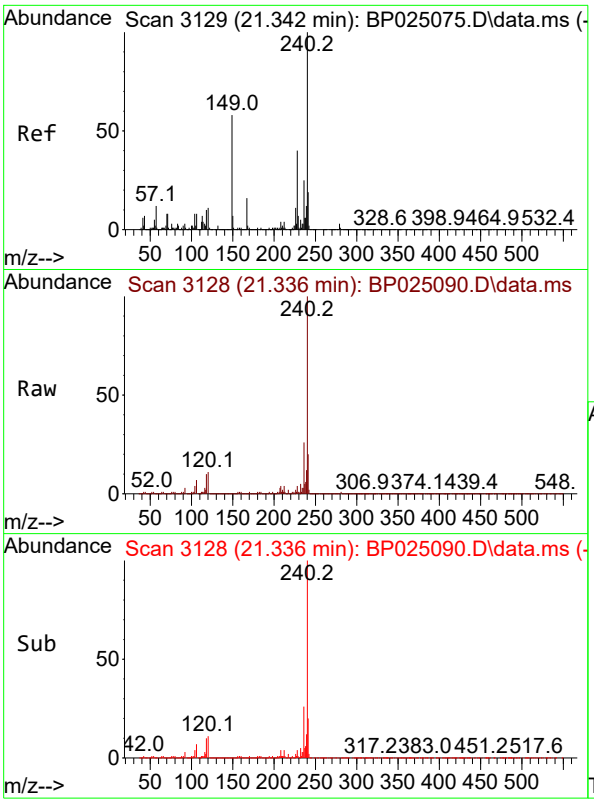


#75
Fluoranthene
Concen: 5.567 ng
RT: 19.042 min Scan# 2738
Delta R.T. -0.023 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:202 Resp: 963301

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.4
203	18.1	0.0	37.6



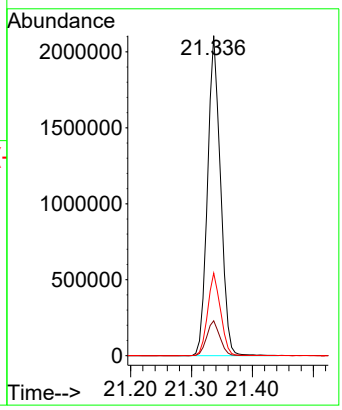


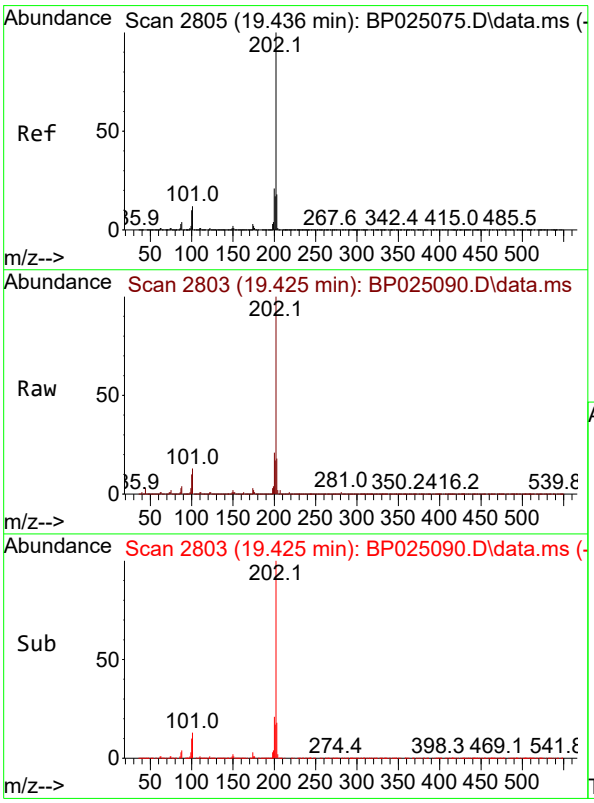
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:240 Resp: 3117375

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

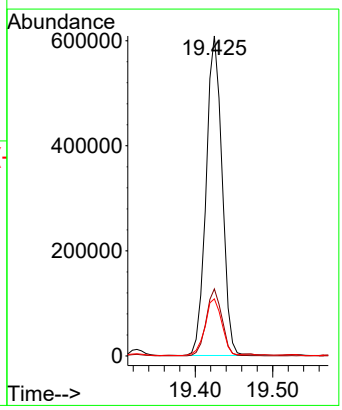


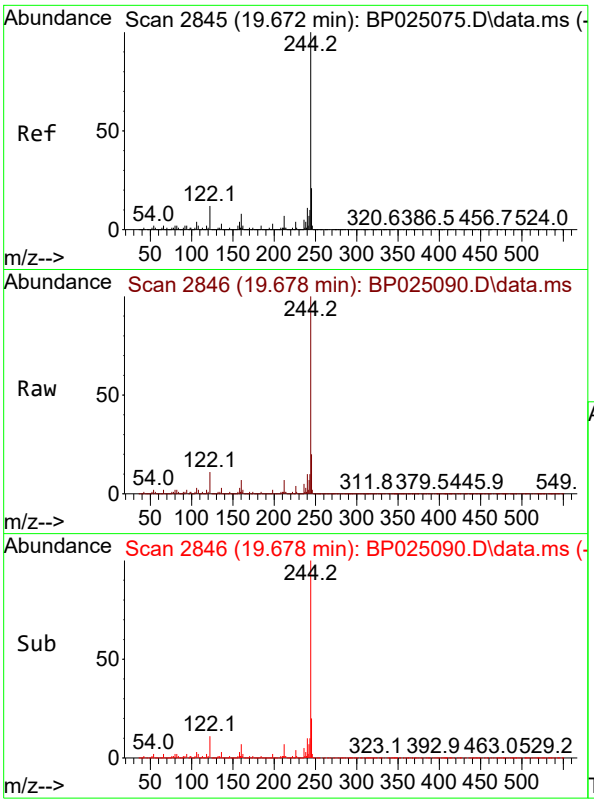


#78
Pyrene
Concen: 4.512 ng
RT: 19.425 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:202 Resp: 871177

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.9	14.1	21.1



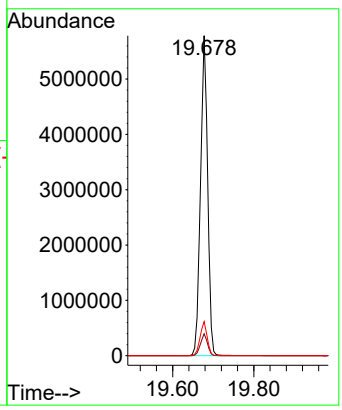


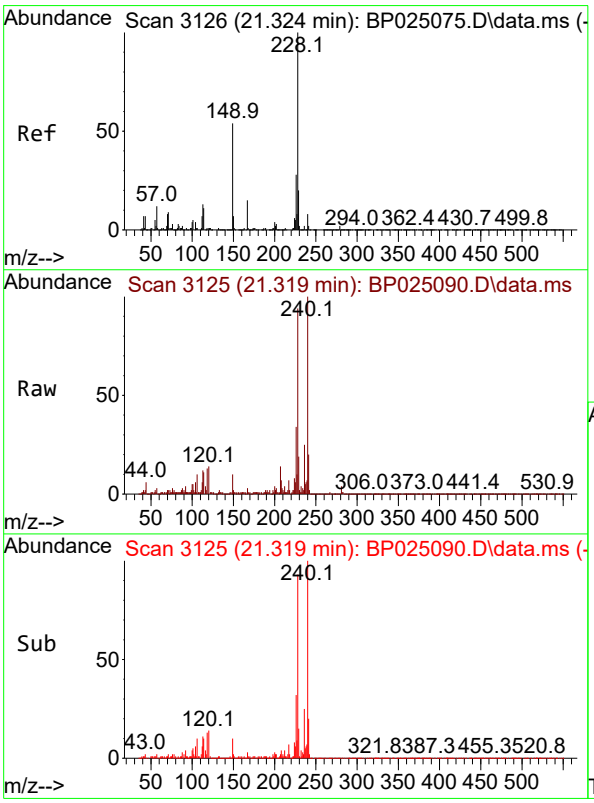
#79
Terphenyl-d14
Concen: 49.614 ng
RT: 19.678 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:244 Resp: 7037354

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.7	9.4	14.2

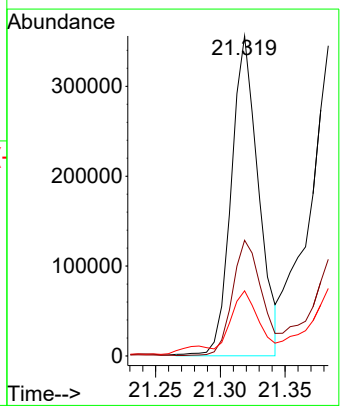


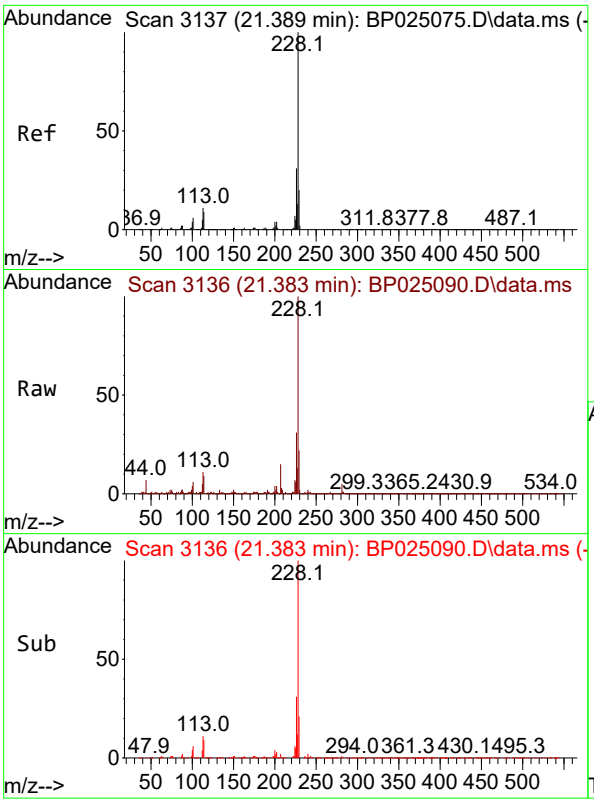


#81
Benzo(a)anthracene
Concen: 2.757 ng m
RT: 21.319 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:228 Resp: 520755

Ion	Ratio	Lower	Upper
228	100		
226	36.2	22.1	33.1#
229	20.3	16.0	24.0



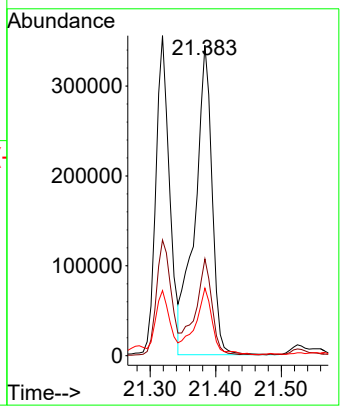


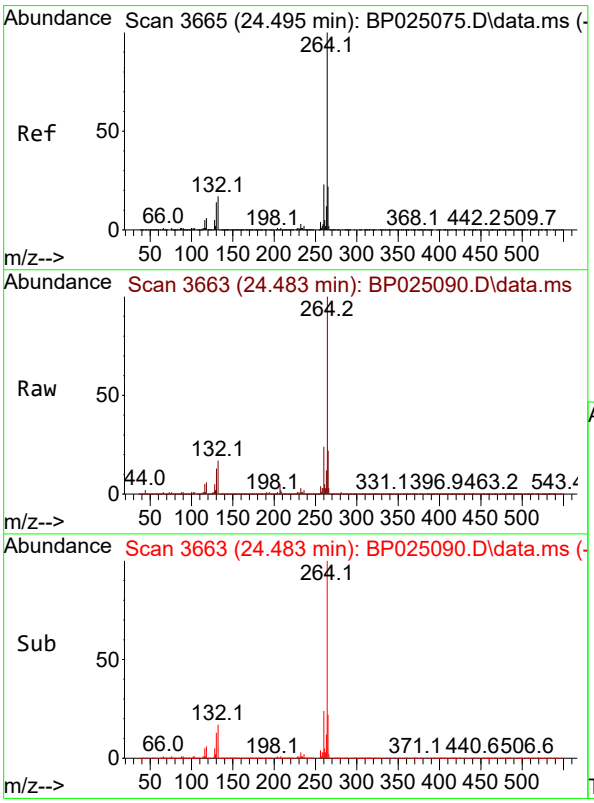
#83
Chrysene
Concen: 3.430 ng
RT: 21.383 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:228 Resp: 623611

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	21.8	16.0	24.0

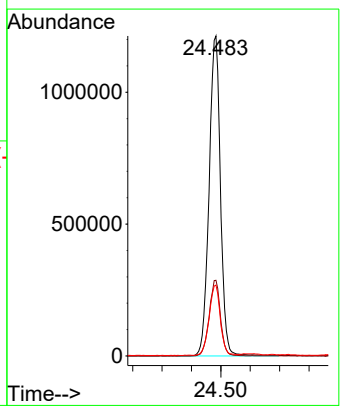


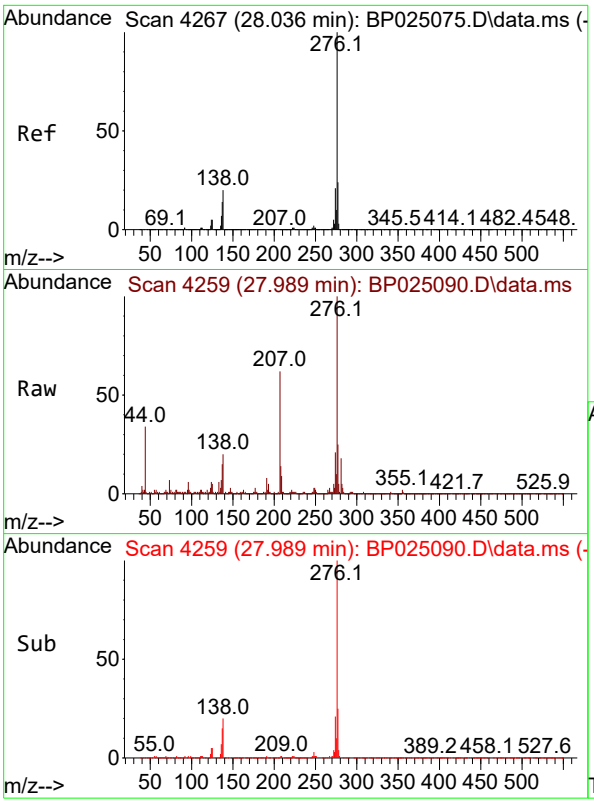


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:264 Resp: 3248937

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.7	26.5



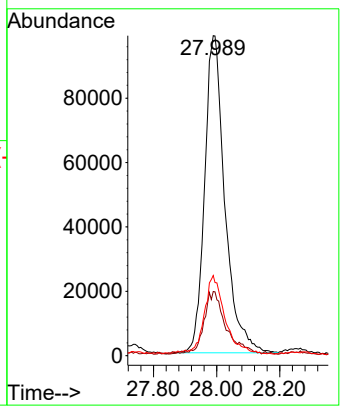


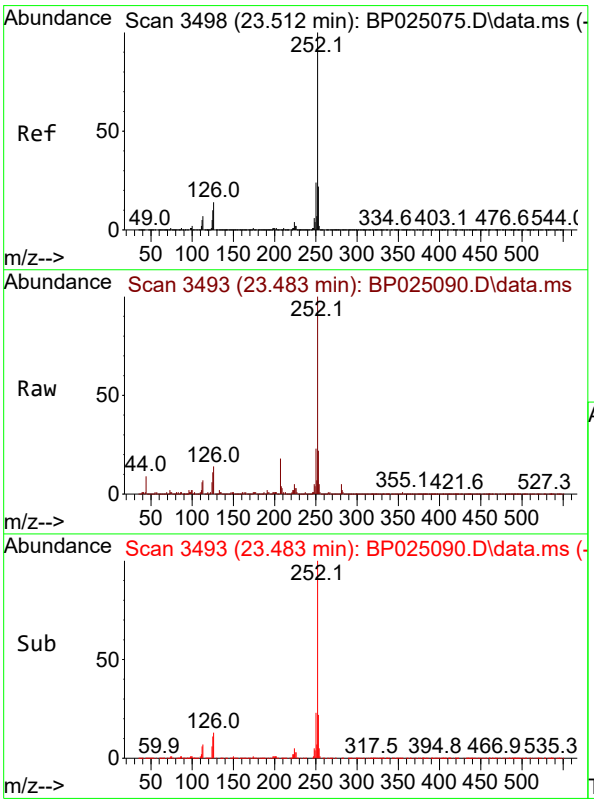
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.120 ng
RT: 27.989 min Scan# 4
Delta R.T. -0.047 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:276 Resp: 438696

Ion	Ratio	Lower	Upper
276	100		
138	21.1	13.0	19.6#
277	24.6	15.9	23.9#

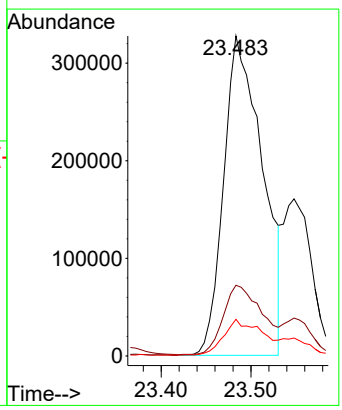


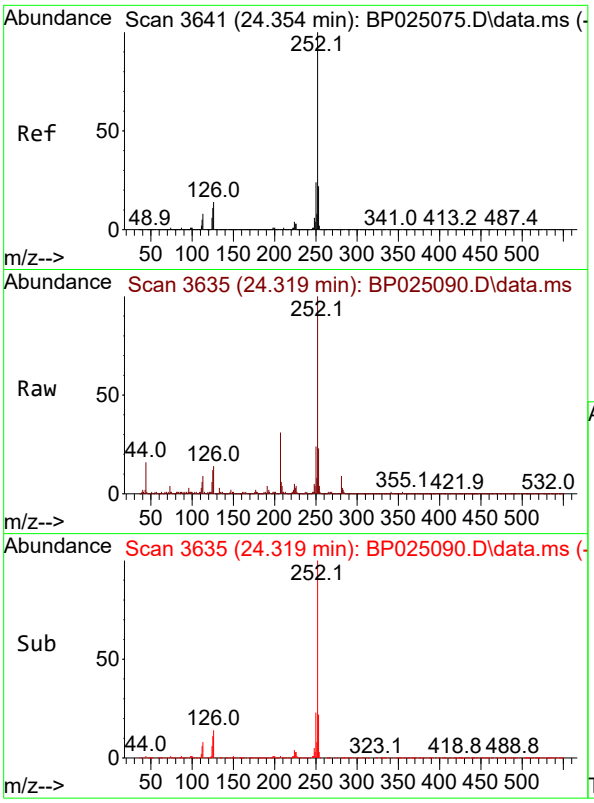


#88
Benzo(b)fluoranthene
Concen: 5.202 ng
RT: 23.483 min Scan# 3493
Delta R.T. -0.029 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:252 Resp: 983678

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.5	8.1	12.1



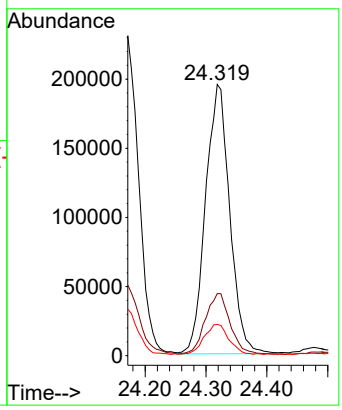


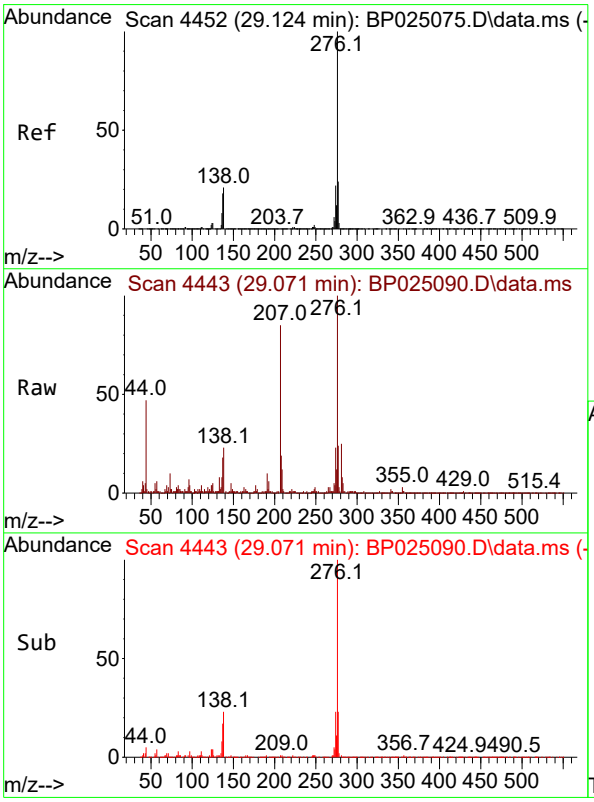
#90
Benzo(a)pyrene
Concen: 3.337 ng
RT: 24.319 min Scan# 3
Delta R.T. -0.035 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Instrument :
BNA_P
ClientSampleId :
TP-91

Tgt Ion:252 Resp: 537106

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.5	9.0	13.4

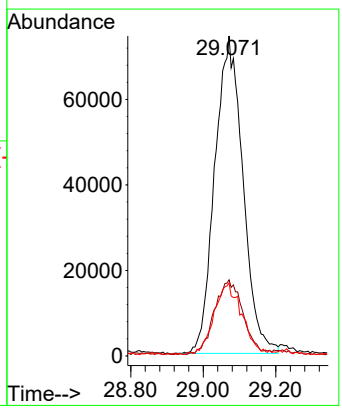




#92
Benzo(g,h,i)perylene
Concen: 2.261 ng
RT: 29.071 min Scan# 4443
Delta R.T. -0.053 min
Lab File: BP025090.D
Acq: 10 Jul 2025 19:44

Tgt Ion:276 Resp: 399582

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.3	28.9
138	22.9	16.9	25.3



Sample Results: **BP025090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

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

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

Signal : TIC: BP025090.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	305	rBV	368023	533144	2.87%	0.469%
2	5.096	361	367	384	rBV	4765289	6727237	36.23%	5.923%
3	6.631	618	628	645	rBV	4715904	7440087	40.06%	6.550%
4	7.443	757	766	774	rBV	2025425	2934034	15.80%	2.583%
5	8.561	947	956	969	rBV	2983982	4671038	25.15%	4.112%
6	10.184	1224	1232	1239	rBV	2528946	4147335	22.33%	3.651%
7	12.684	1649	1657	1670	rBV	7454046	11971950	64.47%	10.540%
8	13.801	1841	1847	1853	rVB	199364	317593	1.71%	0.280%
9	14.084	1887	1895	1902	rVB	3479386	5599066	30.15%	4.930%
10	15.484	2126	2133	2142	rVB	599063	909196	4.90%	0.800%
11	15.607	2145	2154	2167	rBV	5802464	9037533	48.67%	7.957%
12	16.901	2367	2374	2379	rBV	4294150	6714438	36.16%	5.911%
13	16.948	2379	2382	2388	rVB	382187	530296	2.86%	0.467%
14	17.889	2539	2542	2550	rVB	694927	886946	4.78%	0.781%
15	18.007	2557	2562	2566	rBV2	131905	200336	1.08%	0.176%
16	18.789	2685	2695	2700	rBV3	105715	241693	1.30%	0.213%
17	19.042	2733	2738	2746	rBV	1487770	2159634	11.63%	1.901%
18	19.236	2768	2771	2779	rVB2	272685	347983	1.87%	0.306%
19	19.425	2796	2803	2808	rBV	1345874	2103763	11.33%	1.852%
20	19.678	2840	2846	2856	rBV	15301147	18570610	100.00%	16.350%
21	19.948	2890	2892	2897	rVB2	177468	224580	1.21%	0.198%
22	20.125	2918	2922	2927	rBV	194936	245543	1.32%	0.216%
23	20.736	3022	3026	3034	rVB	157836	275622	1.48%	0.243%
24	20.919	3051	3057	3062	rBV2	157285	347808	1.87%	0.306%
25	21.078	3079	3084	3097	rVB2	635502	1131529	6.09%	0.996%
26	21.336	3120	3128	3133	rBV2	5897231	10241745	55.15%	9.017%
27	21.383	3133	3136	3145	rVB	890826	1328957	7.16%	1.170%
28	22.283	3285	3289	3294	rBV	239578	384319	2.07%	0.338%
29	23.483	3486	3493	3501	rBV	794883	2436574	13.12%	2.145%
30	24.171	3604	3610	3619	rVB	544561	1204176	6.48%	1.060%
31	24.319	3628	3635	3648	rVB	482181	1322689	7.12%	1.165%
32	24.483	3652	3663	3671	rBV	3199393	8395339	45.21%	7.391%

Sum of corrected areas: 113582793

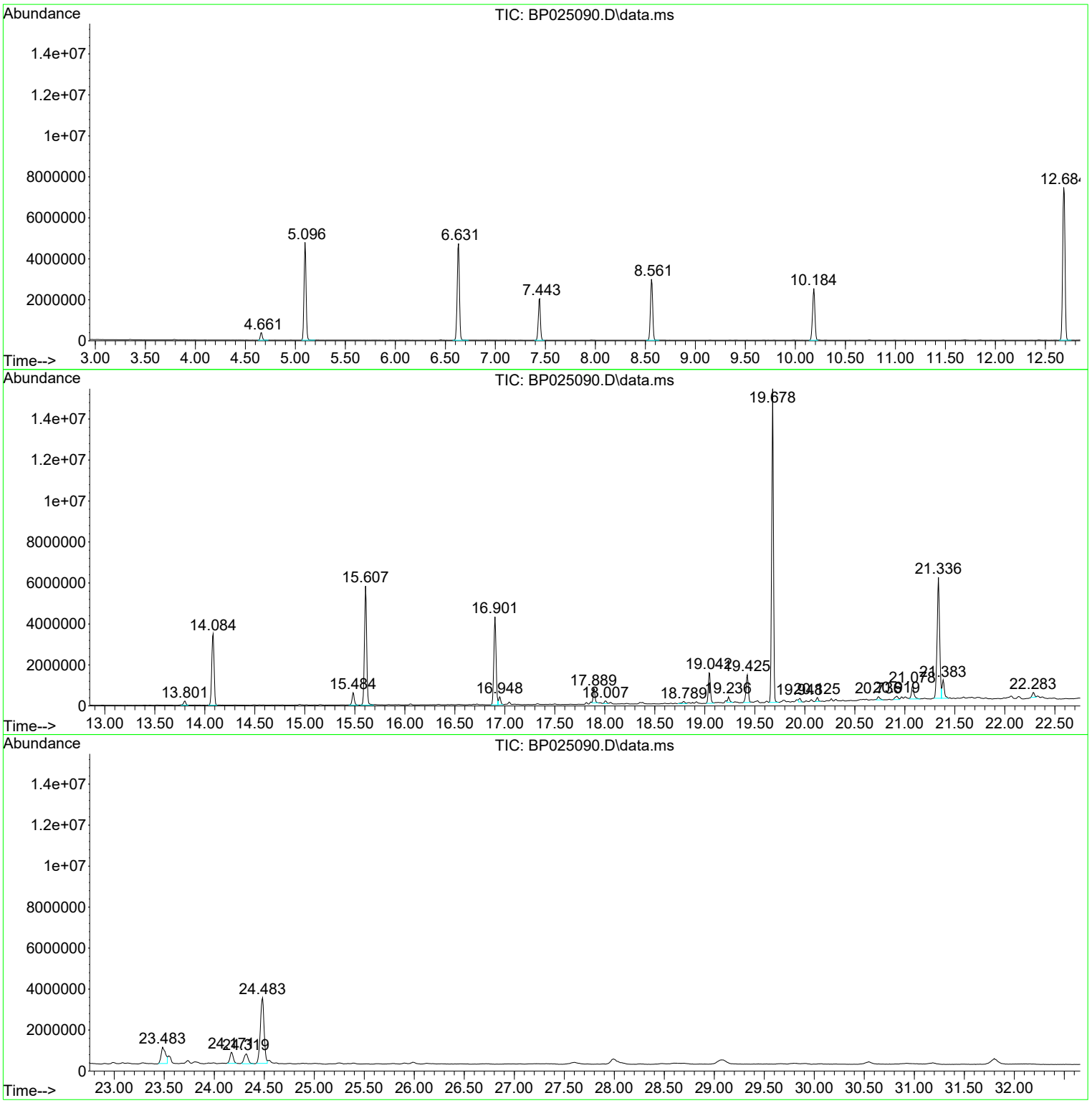
Sample Results: **BP025090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

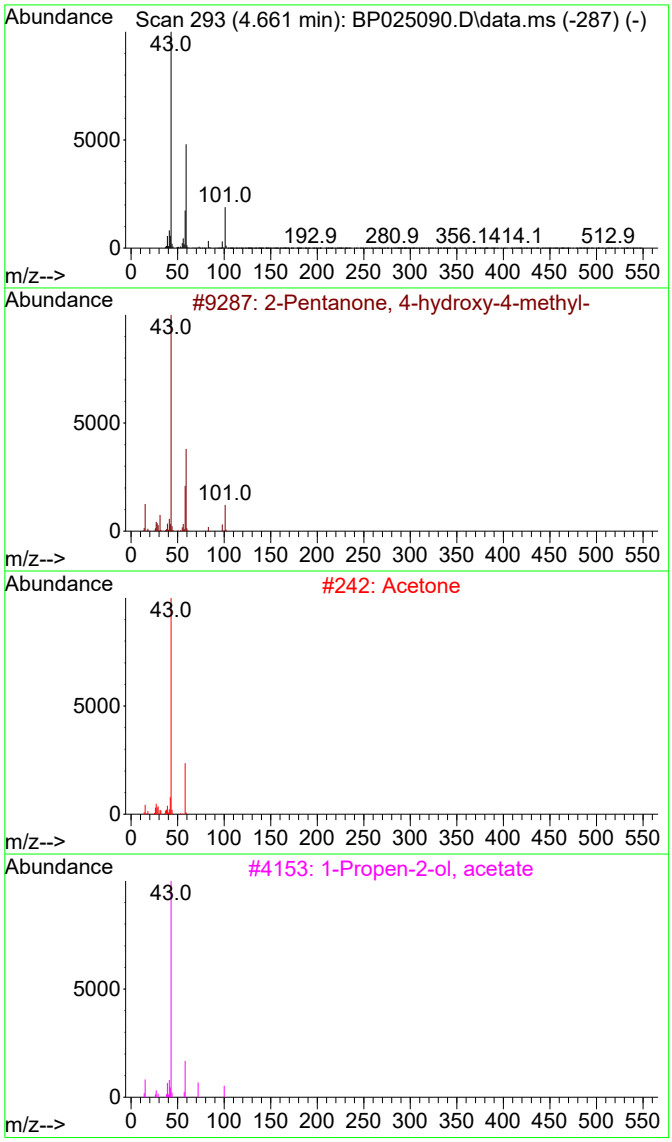
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

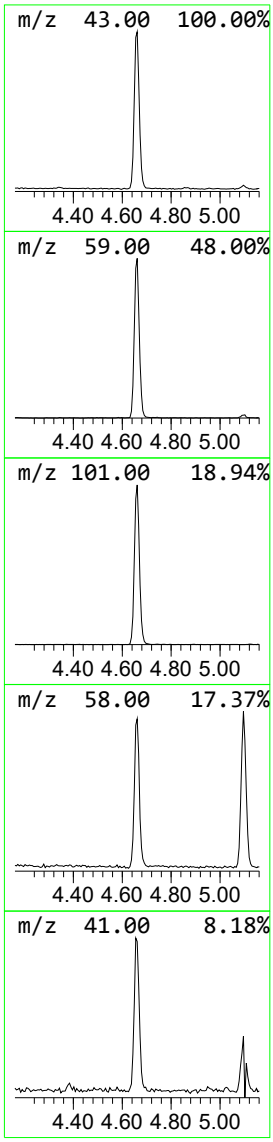
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	3.63 ng	533144	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetone	58	C3H6O	000067-64-1	22
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

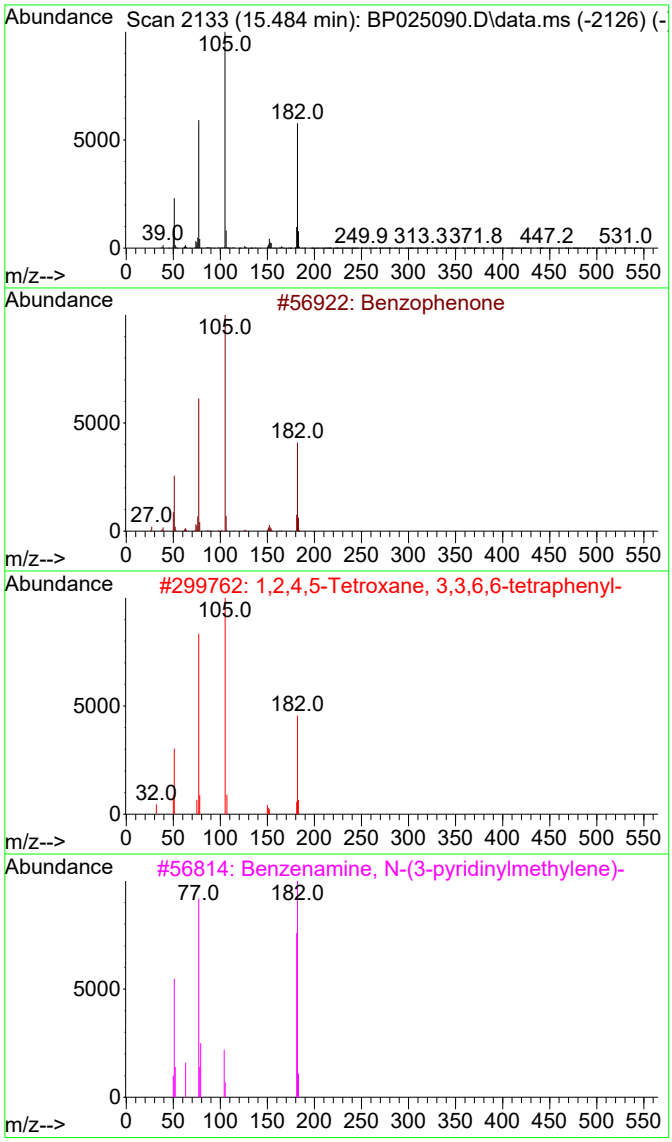
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

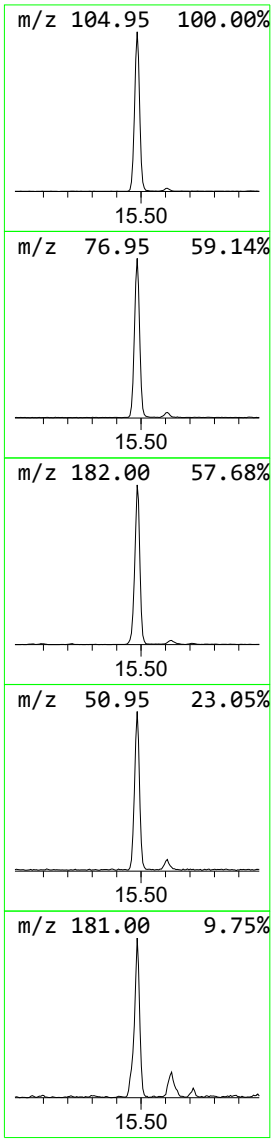
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.484	3.25 ng	909196	Acenaphthene-d10	14.084

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
4	Azobenzene	182	C12H10N2	000103-33-3	40
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

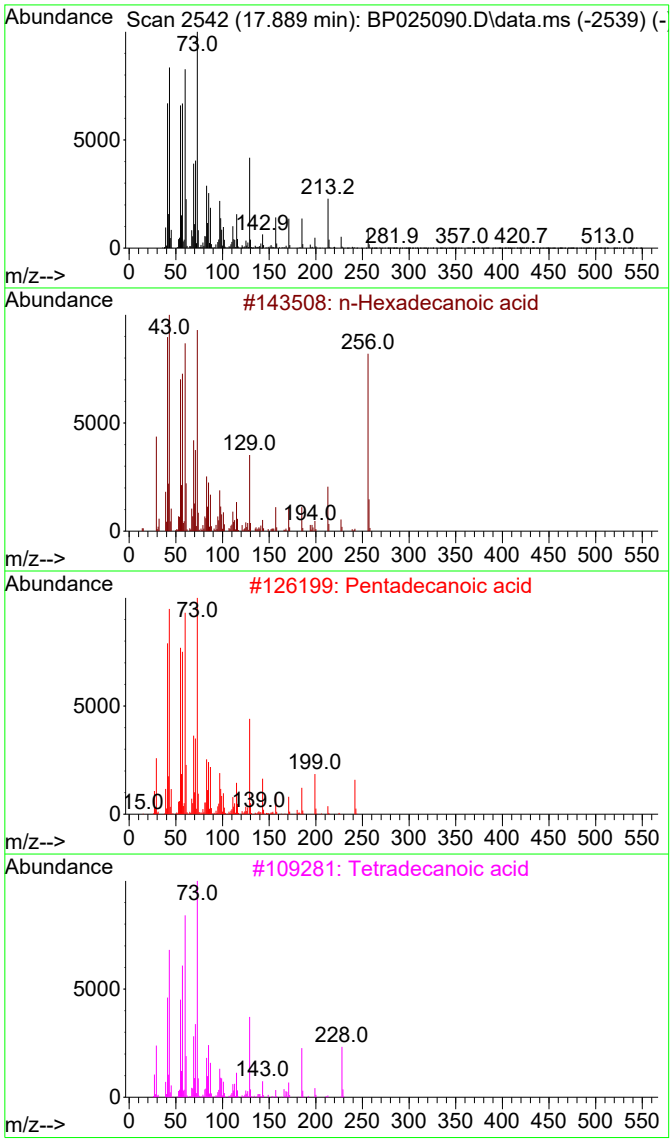
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

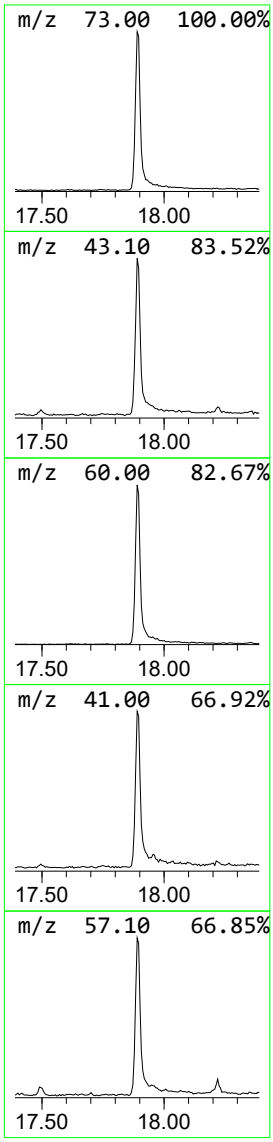
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.890	2.64 ng	886946	Phenanthrene-d10	16.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

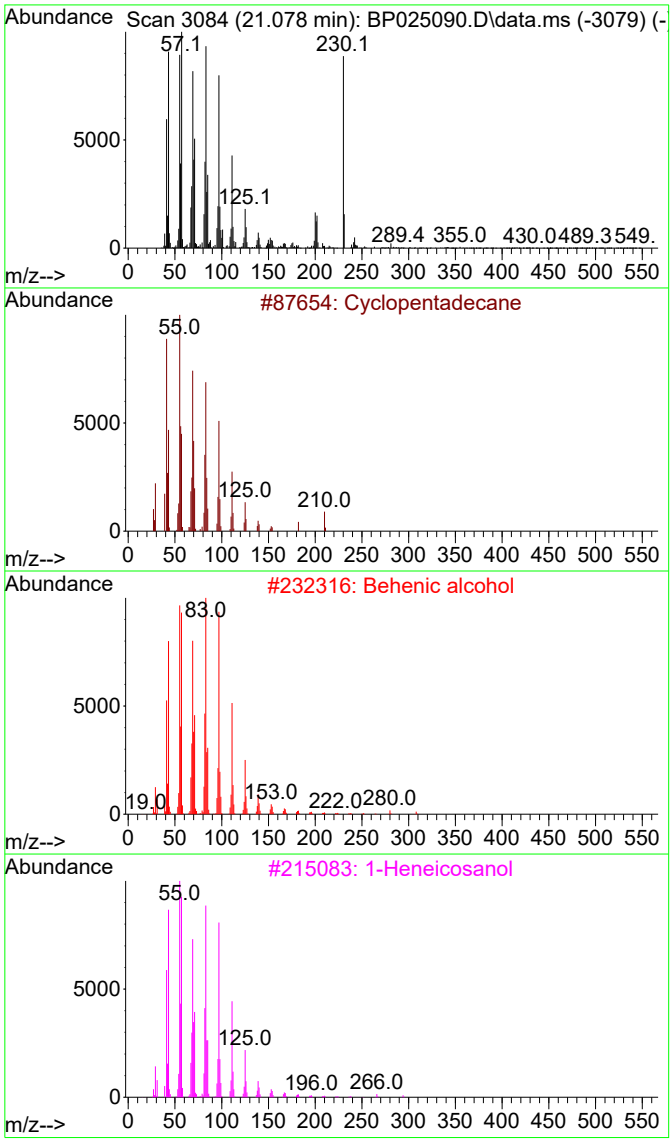
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

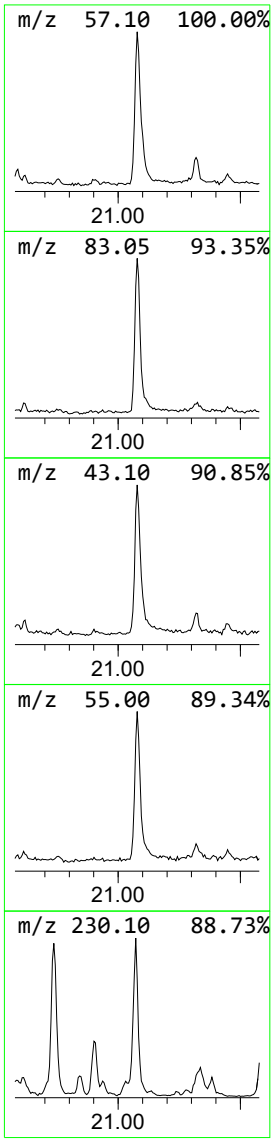
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Peak Number 4 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.078	2.21 ng	1131530	Chrysene-d12	21.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Tricosene	322	C23H46	018835-32-0	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

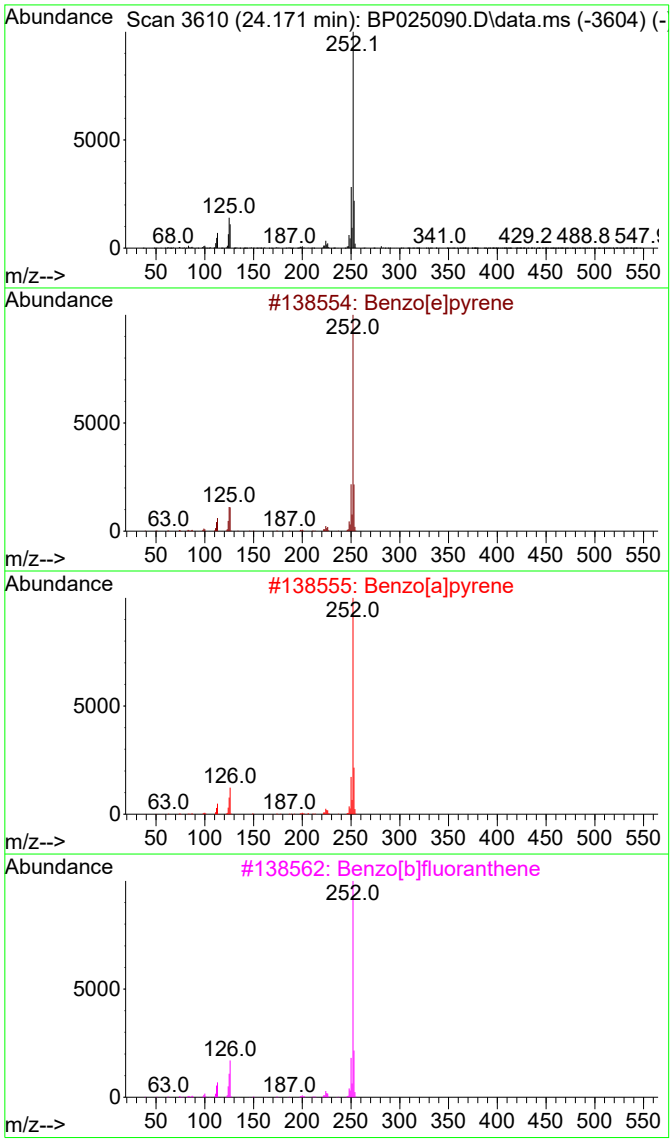
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

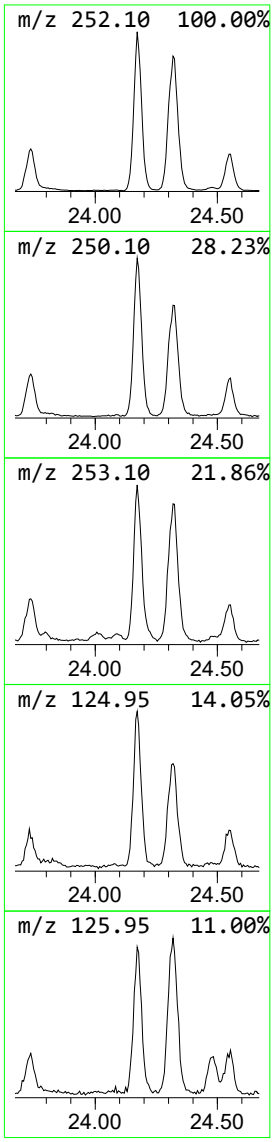
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Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.172	2.87 ng	1204180	Perylene-d12	24.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Sample Results: **BP025090.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025090.D
Acq On : 10 Jul 2025 19:44
Operator : CG/JU
Sample : Q2529-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-91

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.661	3.6	ng	533144	1	7.443	2934030	20.0
Benzophenone	15.484	3.3	ng	909196	3	14.084	5599070	20.0
n-Hexadecanoic ...	17.890	2.6	ng	886946	4	16.901	6714440	20.0
Cyclopentadecane	21.078	2.2	ng	1131530	5	21.336	10241700	20.0
Benzo[e]pyrene	24.172	2.9	ng	1204180	6	24.483	8395340	20.0

Raw Data: **BP025162.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-80	SDG No.:	Q2529
Lab Sample ID:	Q2529-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
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
BP025162.D	1	07/09/25 08:55	07/16/25 17:36	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.8	U	26.8	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.3	U	41.3	190	ug/Kg
98-86-2	Acetophenone	32.5	U	32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.2	U	52.2	88.0	ug/Kg
67-72-1	Hexachloroethane	19.4	U	19.4	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.1	UQ	36.1	190	ug/Kg
88-75-5	2-Nitrophenol	64.0	U	64.0	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.3	U	71.3	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.9	U	33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.1	U	31.1	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	39.0	U	39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.8	U	27.8	190	ug/Kg
105-60-2	Caprolactam	57.3	U	57.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.6	U	31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.2	U	28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	UQ	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	UQ	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.8	U	24.8	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	ug/Kg

Raw Data: **BP025162.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-80	SDG No.:	Q2529
Lab Sample ID:	Q2529-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
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
BP025162.D	1	07/09/25 08:55	07/16/25 17:36	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	200	Q	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.0	UQ	37.0	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.1	U	55.1	190	ug/Kg
84-66-2	Diethylphthalate	31.1	U	31.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.4	U	29.4	190	ug/Kg
86-73-7	Fluorene	27.8	U	27.8	190	ug/Kg
100-01-6	4-Nitroaniline	70.6	UQ	70.6	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	UQ	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.8	UQ	27.8	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.4	UQ	56.4	360	ug/Kg
85-01-8	Phenanthrene	160	J	23.0	190	ug/Kg
120-12-7	Anthracene	87.7	JQ	36.6	190	ug/Kg
86-74-8	Carbazole	34.3	UQ	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	UQ	52.7	190	ug/Kg
206-44-0	Fluoranthene	540		33.0	190	ug/Kg
129-00-0	Pyrene	510		39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.6	U	78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.4	U	40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	280		25.3	190	ug/Kg
218-01-9	Chrysene	340		21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.1	U	65.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.5	U	95.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	550		20.9	190	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-80	SDG No.:	Q2529
Lab Sample ID:	Q2529-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
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
BP025162.D	1	07/09/25 08:55	07/16/25 17:36	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	180	J	24.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	350	Q	32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	Q	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80.3	J	30.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310		28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.2	U	28.2	190	ug/Kg
123-91-1	1,4-Dioxane	49.7	U	49.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.1	U	30.1	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	67.9		18 - 112	45%	SPK: 150
13127-88-3	Phenol-d6	64.6		15 - 107	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.6		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.7		20 - 109	44%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.9		10 - 116	57%	SPK: 150
1718-51-0	Terphenyl-d14	51.0		10 - 105	51%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	577000	7.437			
1146-65-2	Naphthalene-d8	2200000	10.19			
15067-26-2	Acenaphthene-d10	1360000	14.101			
1517-22-2	Phenanthrene-d10	2580000	16.925			
1719-03-5	Chrysene-d12	2700000	21.354			
1520-96-3	Perylene-d12	3270000	24.483			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	AB		4.66	ug/Kg
000119-61-9	Benzophenone	130	J		15.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	280	J		17.9	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	120	J		18.0	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J		18.8	ug/Kg
005737-13-3	Cyclopenta(def)phenanthrenone	78.5	J		18.9	ug/Kg
002381-21-7	Pyrene, 1-methyl-	99.4	J		20.1	ug/Kg

Raw Data: **BP025162.D**

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-80	SDG No.:	Q2529
Lab Sample ID:	Q2529-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.7
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
BP025162.D	1	07/09/25 08:55	07/16/25 17:36	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J		20.8	ug/Kg
000082-05-3	7H-Benz[de]anthracen-7-one	82.5	J		20.9	ug/Kg
	unknown21.089	140	J		21.1	ug/Kg
015594-90-8	1-Heneicosanol	120	J		22.3	ug/Kg
000192-97-2	Benzo[e]pyrene	320	J		24.2	ug/Kg

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

Quant Time: Jul 16 17:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

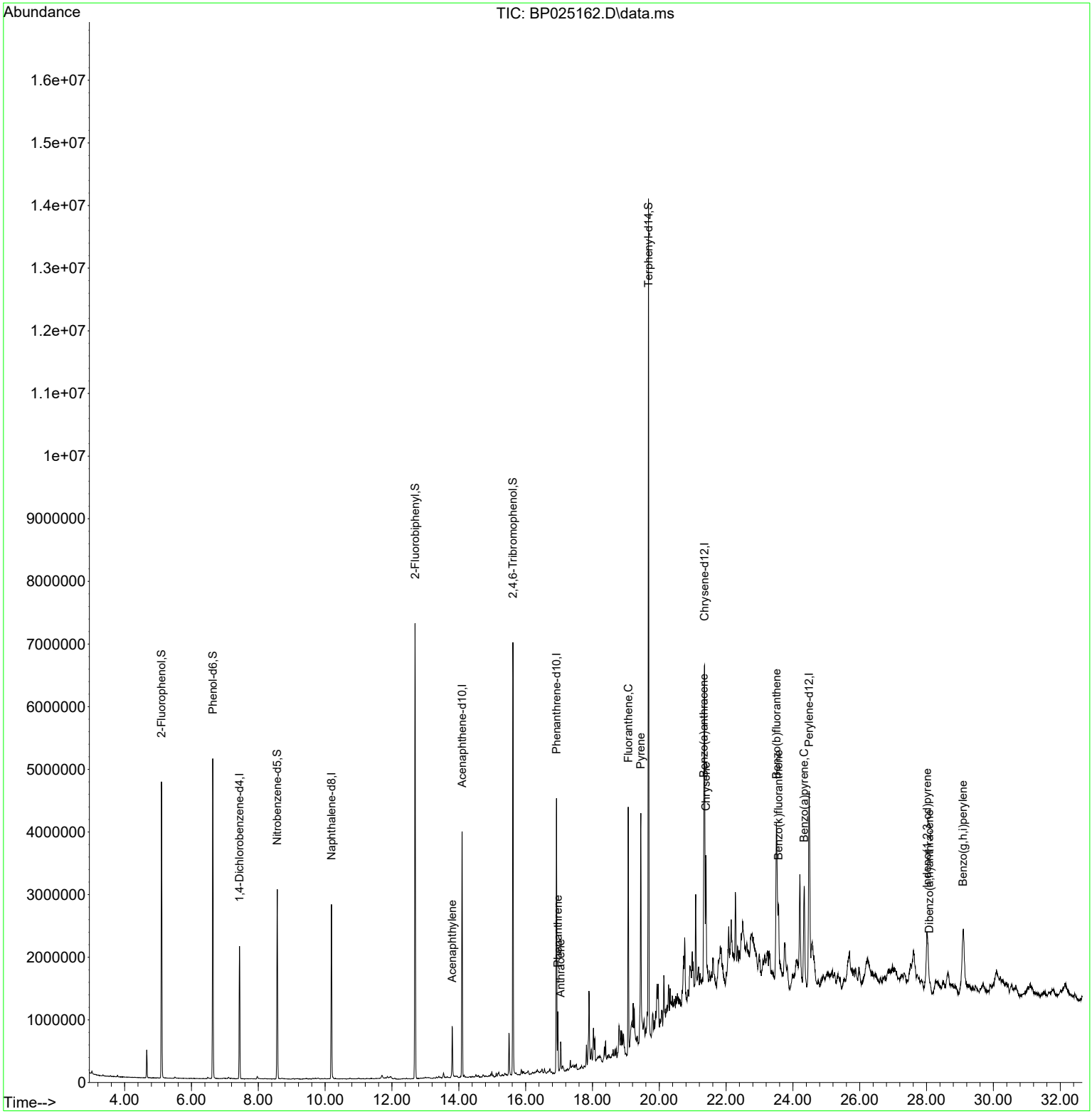
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	576516	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2197511	20.000	ng		0.00
39) Acenaphthene-d10	14.101	164	1357113	20.000	ng		0.01
64) Phenanthrene-d10	16.925	188	2583318	20.000	ng		0.02
76) Chrysene-d12	21.354	240	2698510	20.000	ng		0.01
86) Perylene-d12	24.483	264	3269618	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2210020	67.922	ng		0.00
7) Phenol-d6	6.637	99	2745006	64.648	ng		0.00
23) Nitrobenzene-d5	8.566	82	1604326	48.553	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	1361637	84.932	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	3828772	43.706	ng		0.00
79) Terphenyl-d14	19.677	244	6264054	51.017	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	13.801	152	617707	5.438	ng		99
71) Phenanthrene	16.966	178	590540	4.278	ng		99
72) Anthracene	17.048	178	316535	2.390	ng		98
75) Fluoranthene	19.072	202	2381747	14.761	ng		99
78) Pyrene	19.448	202	2324490	13.907	ng		99
81) Benzo(a)anthracene	21.330	228	1242913m	7.600	ng		
83) Chrysene	21.395	228	1450811	9.219	ng		99
87) Indeno(1,2,3-cd)pyrene	28.012	276	1586375	7.616	ng	#	88
88) Benzo(b)fluoranthene	23.507	252	2833477	14.889	ng		99
89) Benzo(k)fluoranthene	23.565	252	952541m	5.030	ng		
90) Benzo(a)pyrene	24.336	252	1559350	9.627	ng		98
91) Dibenzo(a,h)anthracene	28.077	278	376682	2.188	ng	#	90
92) Benzo(g,h,i)perylene	29.089	276	1498299	8.424	ng		99

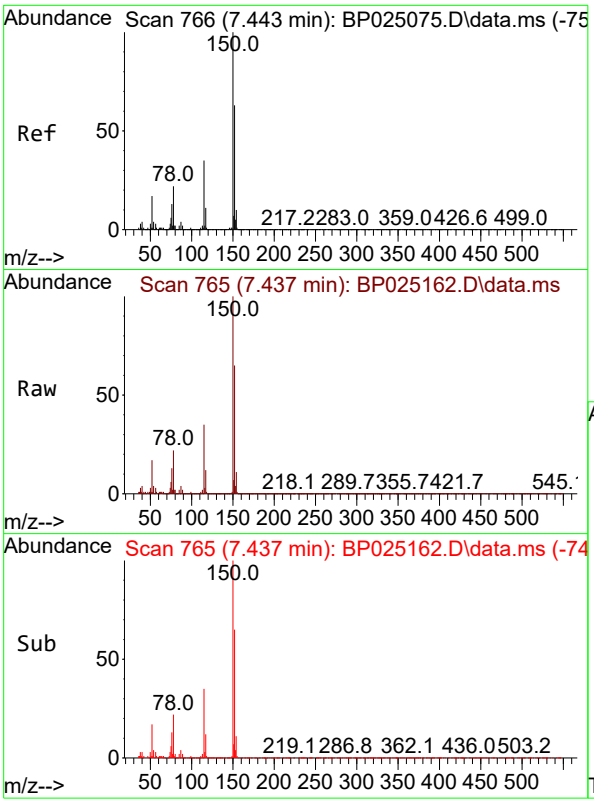
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

Quant Time: Jul 16 17:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



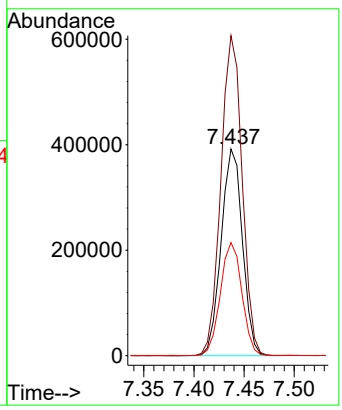


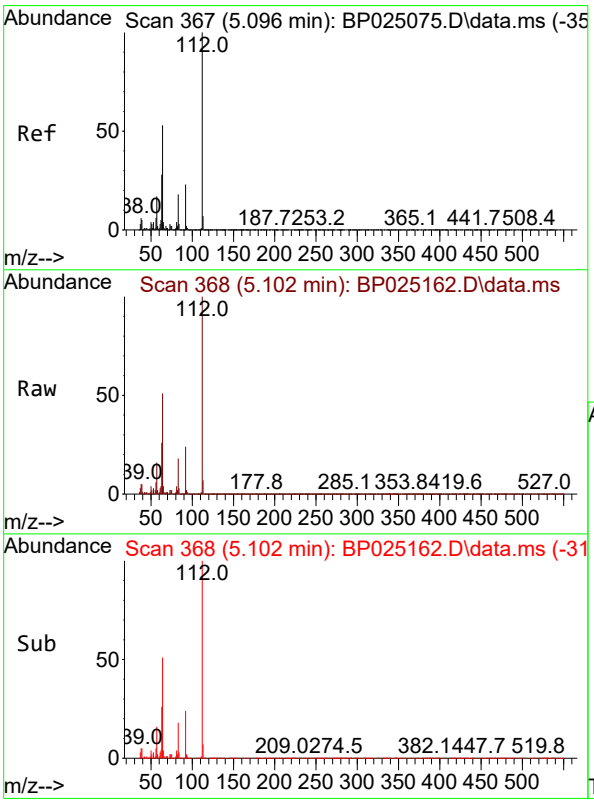
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:152 Resp: 576516

Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.1	189.1
115	54.7	44.3	66.5

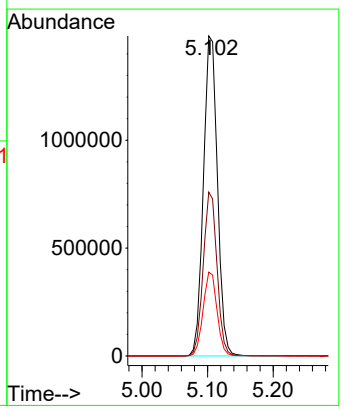


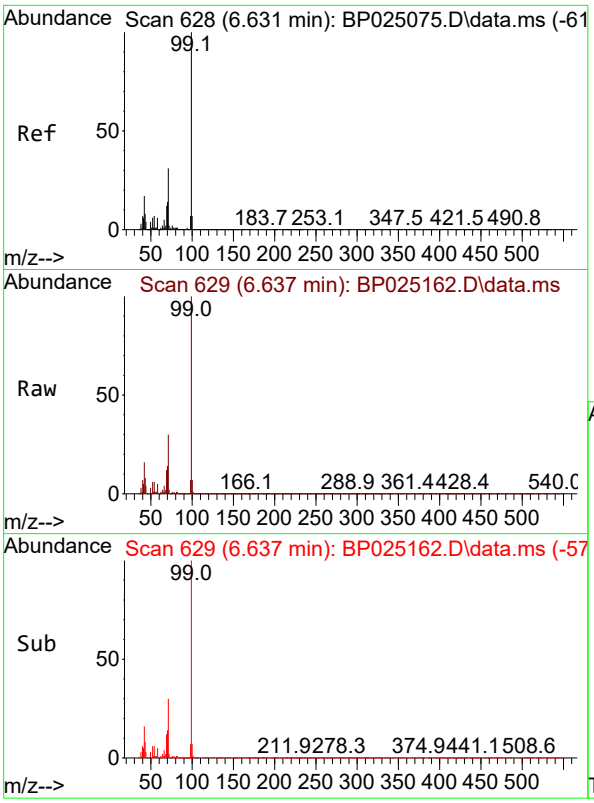


#5
2-Fluorophenol
Concen: 67.922 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:112 Resp: 2210020

Ion	Ratio	Lower	Upper
112	100		
64	51.2	42.0	63.0
63	26.2	22.2	33.2



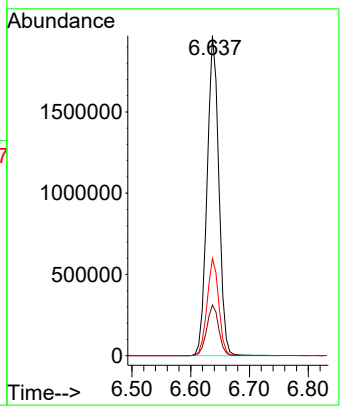


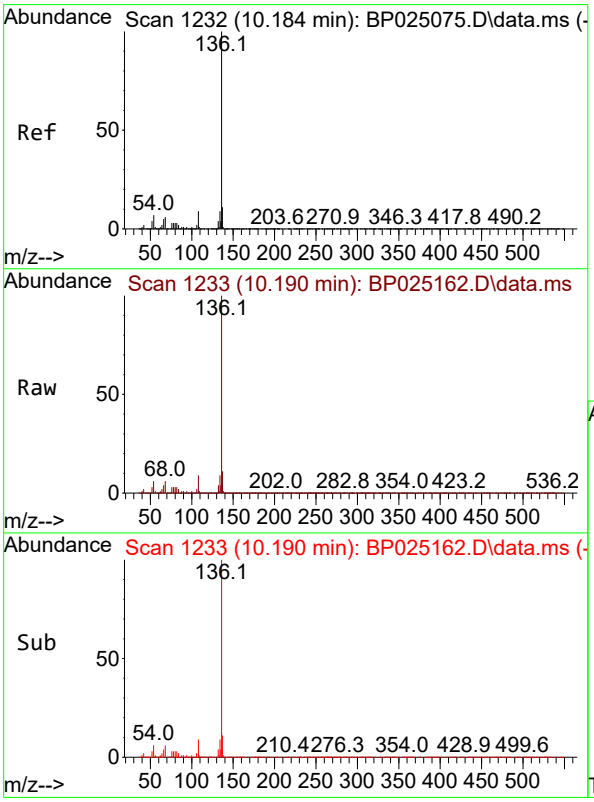
#7
Phenol-d6
Concen: 64.648 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion: 99 Resp: 2745006

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.6	20.4
71	30.4	24.4	36.6

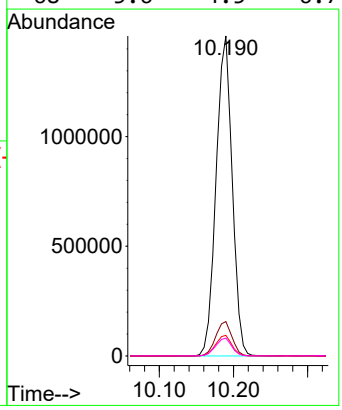


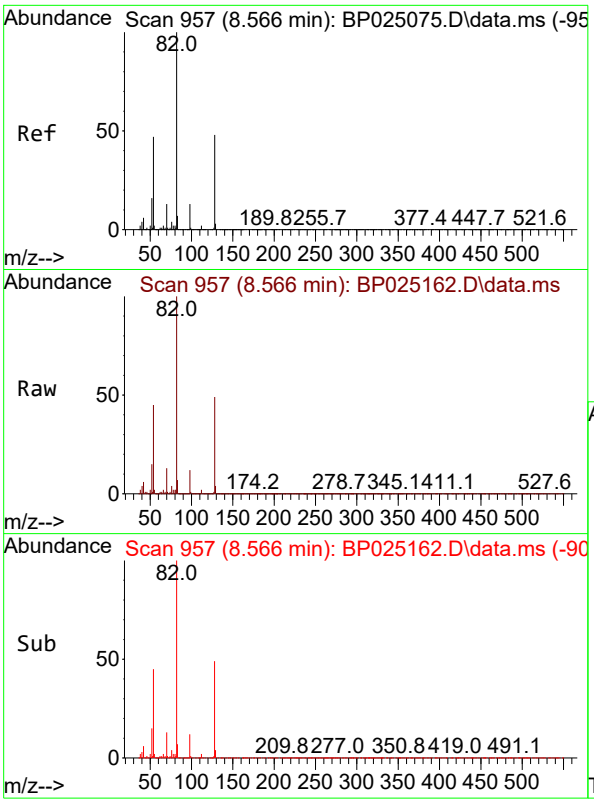


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:136 Resp: 2197511

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.4	5.4	8.2
68	5.6	4.5	6.7



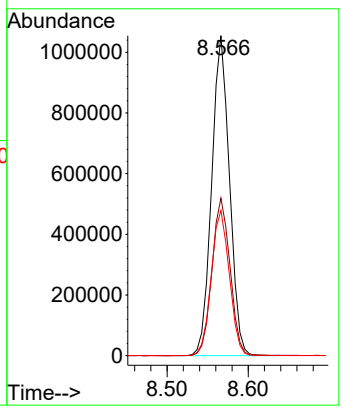


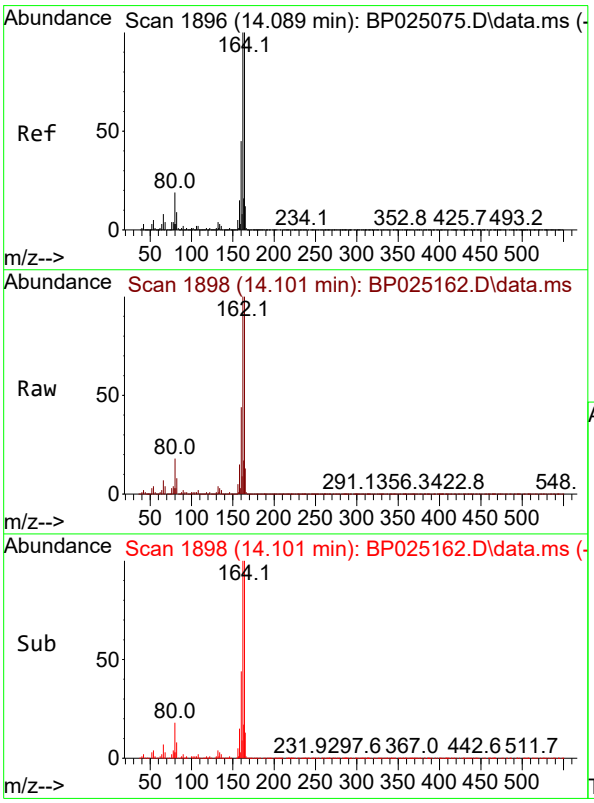
#23
Nitrobenzene-d5
Concen: 48.553 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion: 82 Resp: 1604326

Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.4	57.6
54	45.3	37.8	56.6

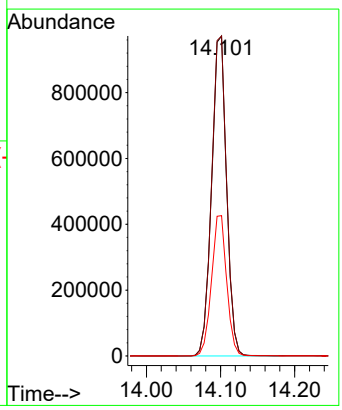


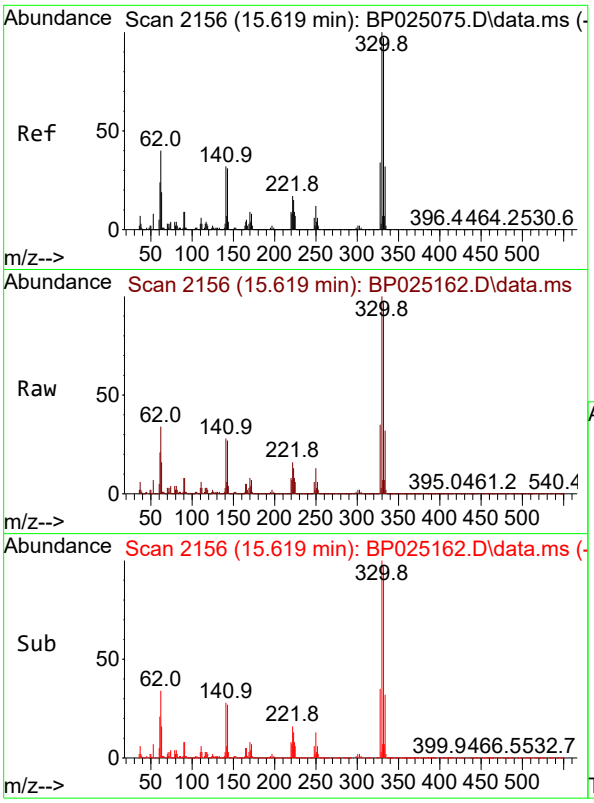


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.101 min Scan# 1898
Delta R.T. 0.012 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:164 Resp: 1357113

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	43.9	35.9	53.9



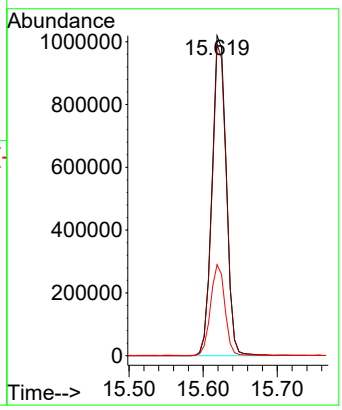


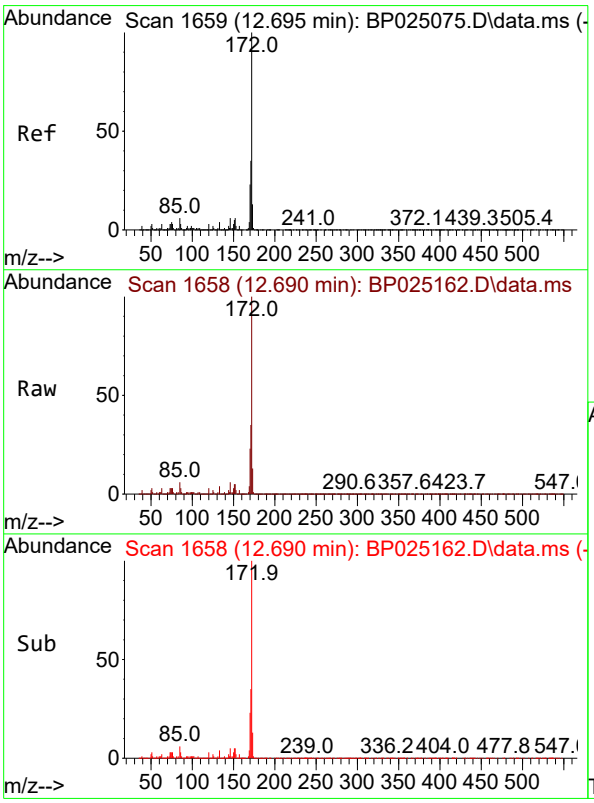
#42
2,4,6-Tribromophenol
Concen: 84.932 ng
RT: 15.619 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:330 Resp: 1361637

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.7	116.5
141	28.3	26.0	39.0

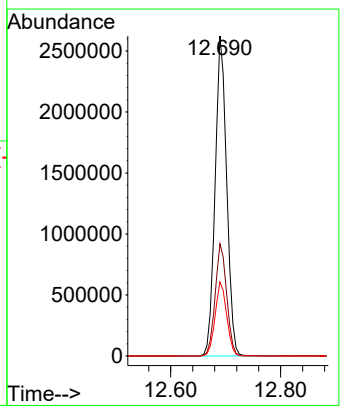


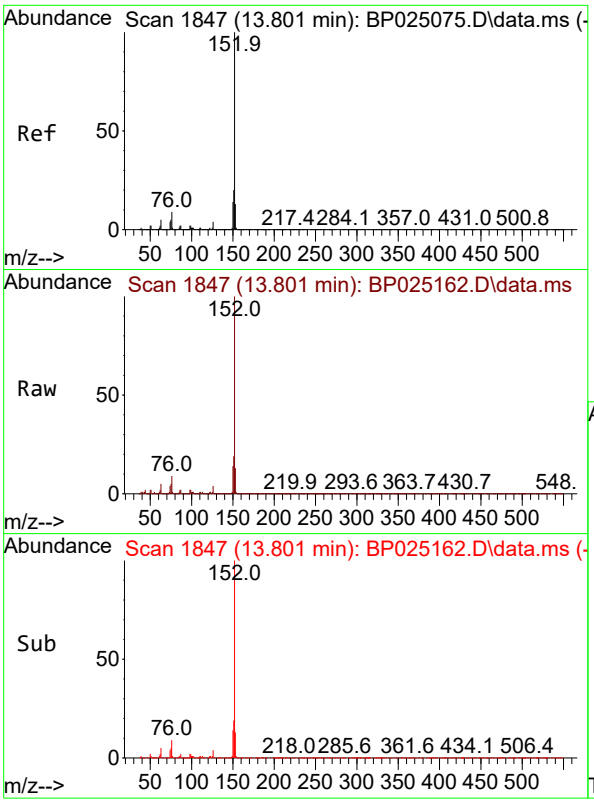


#45
2-Fluorobiphenyl
Concen: 43.706 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:172 Resp: 3828772

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.1	18.7	28.1



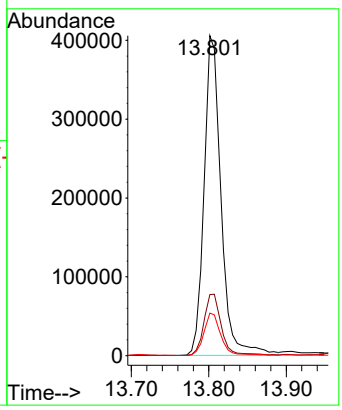


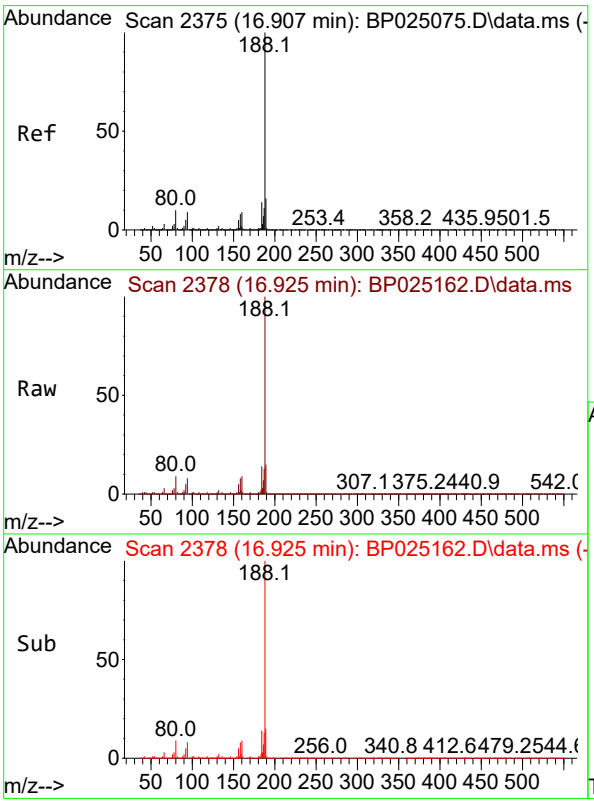
#49
Acenaphthylene
Concen: 5.438 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:152 Resp: 617707

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.1	24.1
153	13.3	10.7	16.1

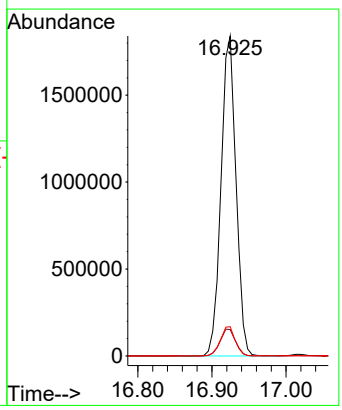


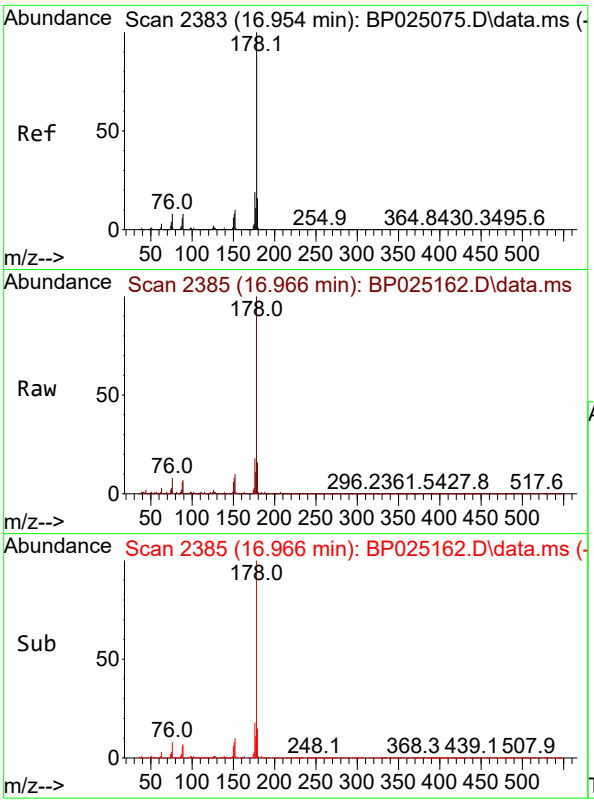


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:188 Resp: 2583318

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.3	10.9
80	9.1	7.8	11.6



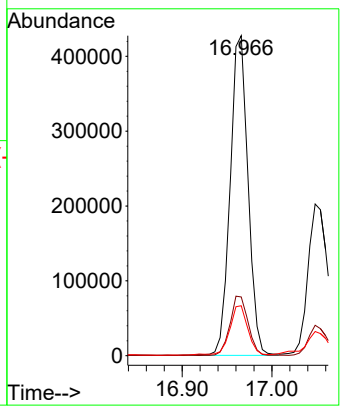


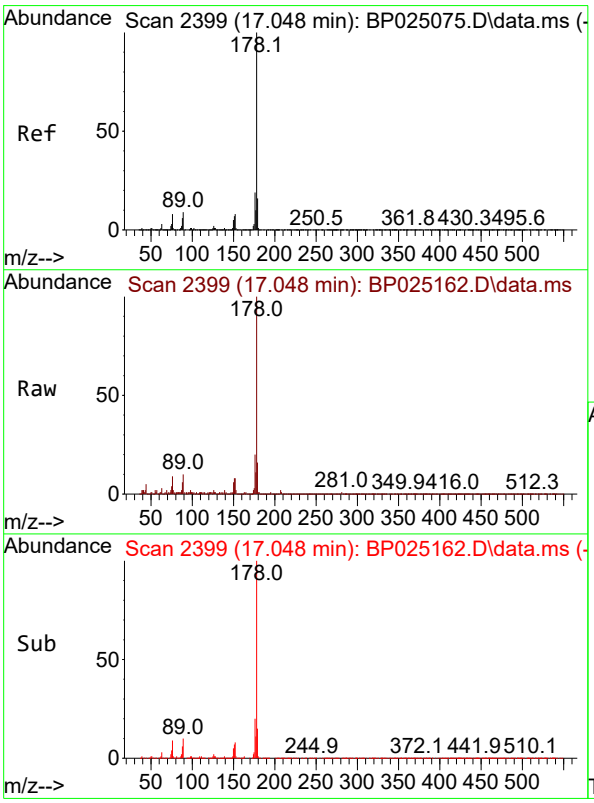
#71
Phenanthrene
Concen: 4.278 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:178 Resp: 590540

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.6	12.6	19.0

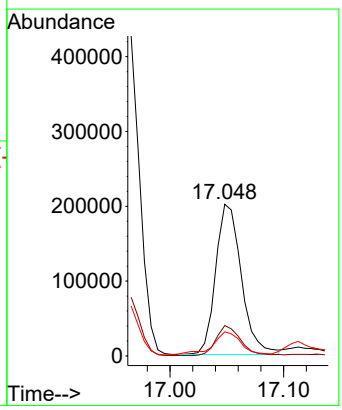


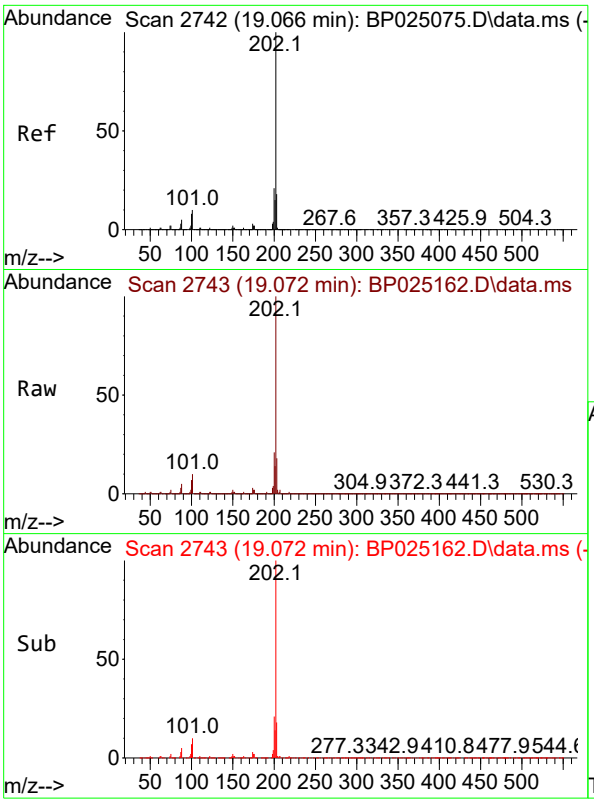


#72
Anthracene
Concen: 2.390 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:178 Resp: 316535

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.0	22.6
179	15.9	12.5	18.7



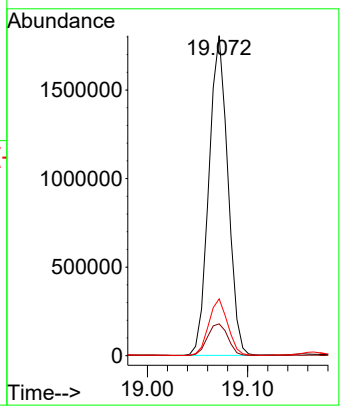


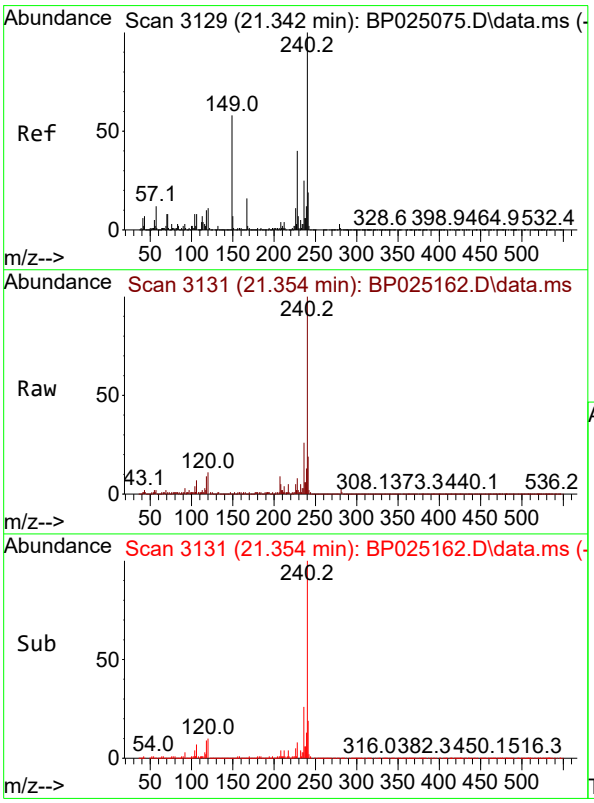
#75
Fluoranthene
Concen: 14.761 ng
RT: 19.072 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:202 Resp: 2381747

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.4
203	17.8	0.0	37.6

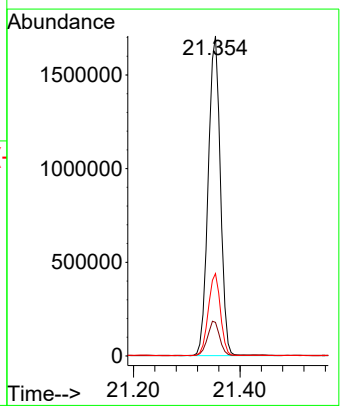


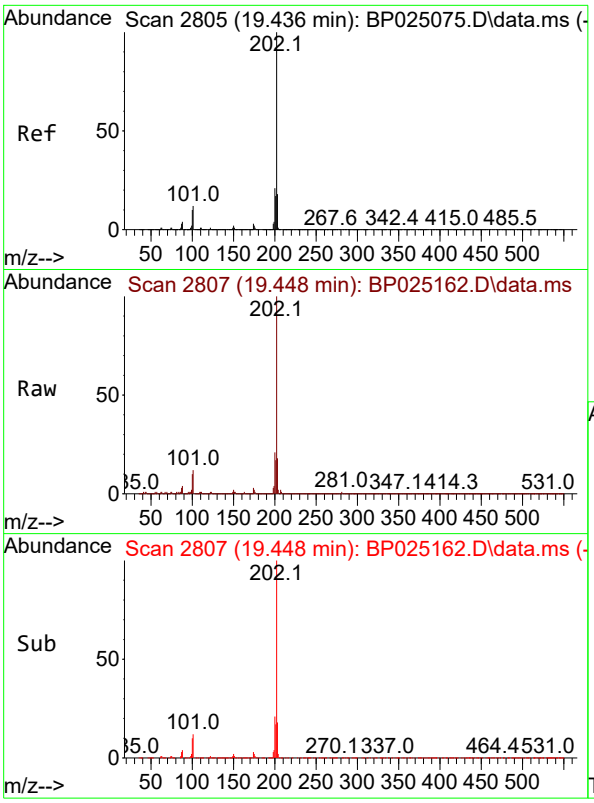


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:240 Resp: 2698510

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	25.7	20.3	30.5



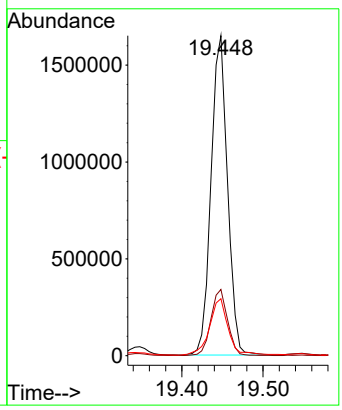


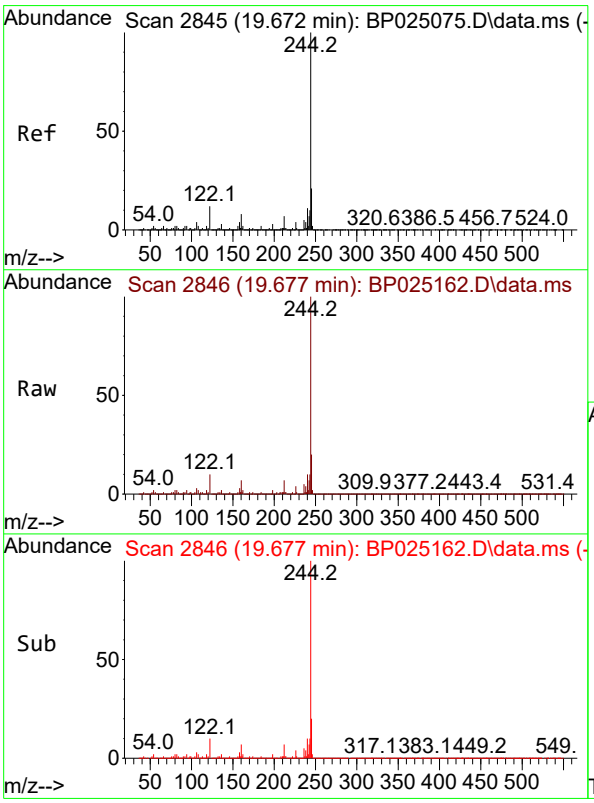
#78
Pyrene
Concen: 13.907 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:202 Resp: 2324490

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.1	25.7
203	17.8	14.1	21.1

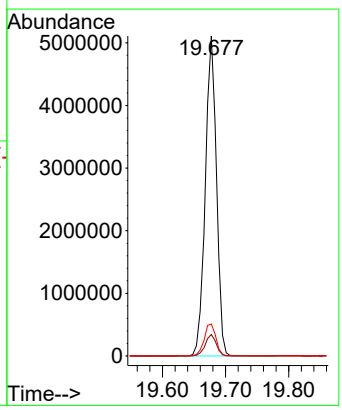


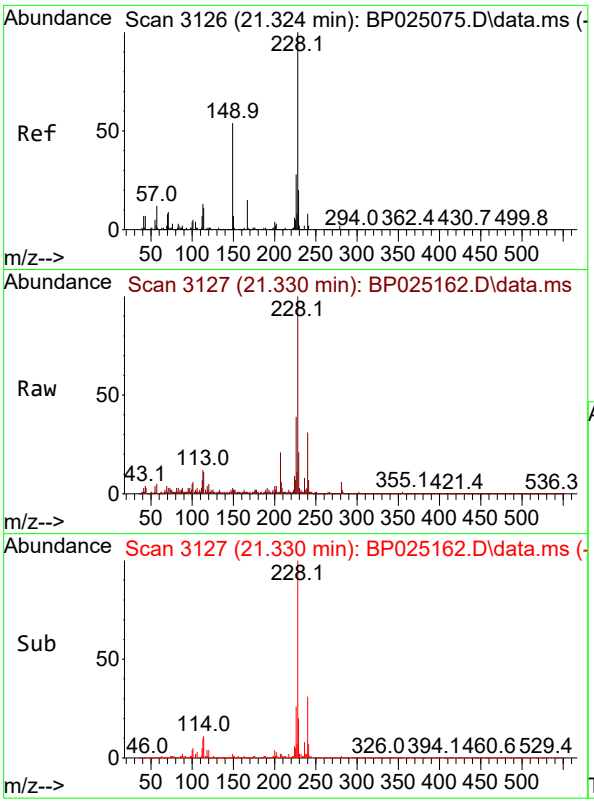


#79
Terphenyl-d14
Concen: 51.017 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:244 Resp: 6264054

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.0	9.4	14.2



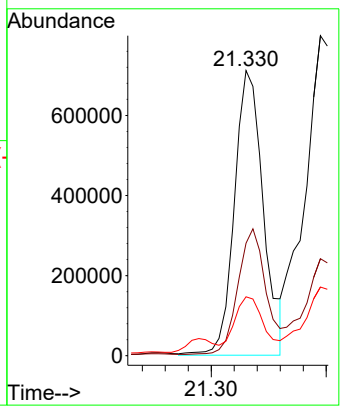


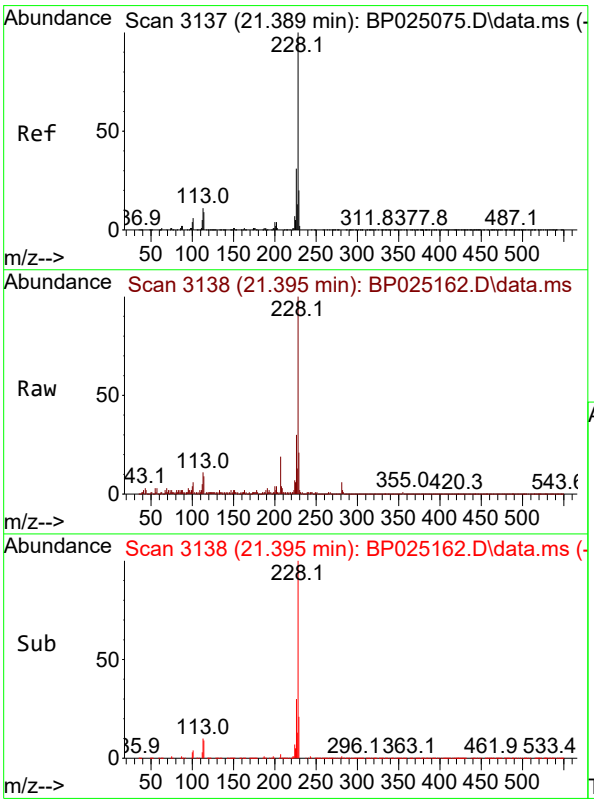
#81
Benzo(a)anthracene
Concen: 7.600 ng m
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:228 Resp: 1242913

Ion	Ratio	Lower	Upper
228	100		
226	39.5	22.1	33.1#
229	20.7	16.0	24.0

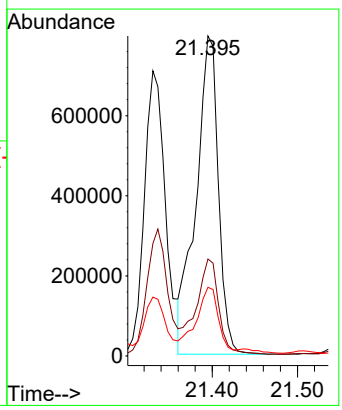


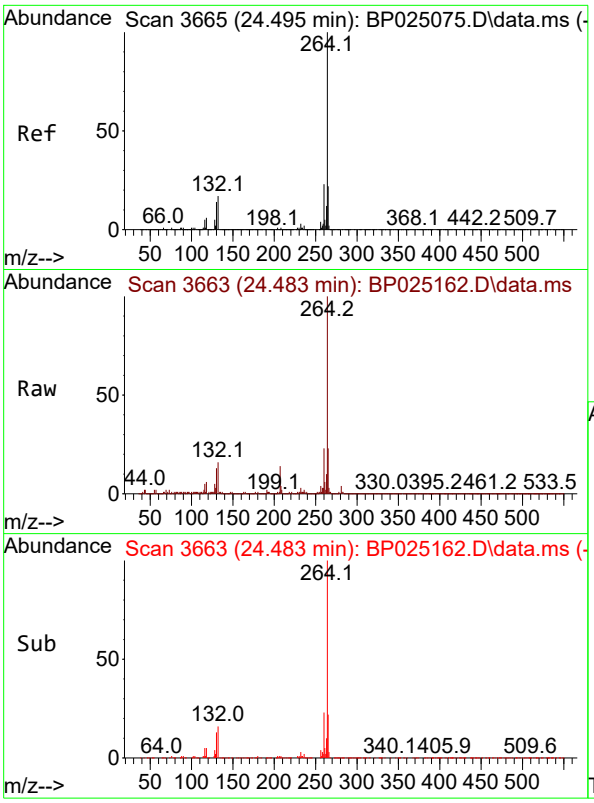


#83
Chrysene
Concen: 9.219 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:228 Resp: 1450811

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	21.5	16.0	24.0



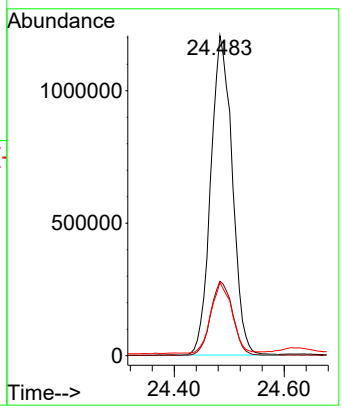


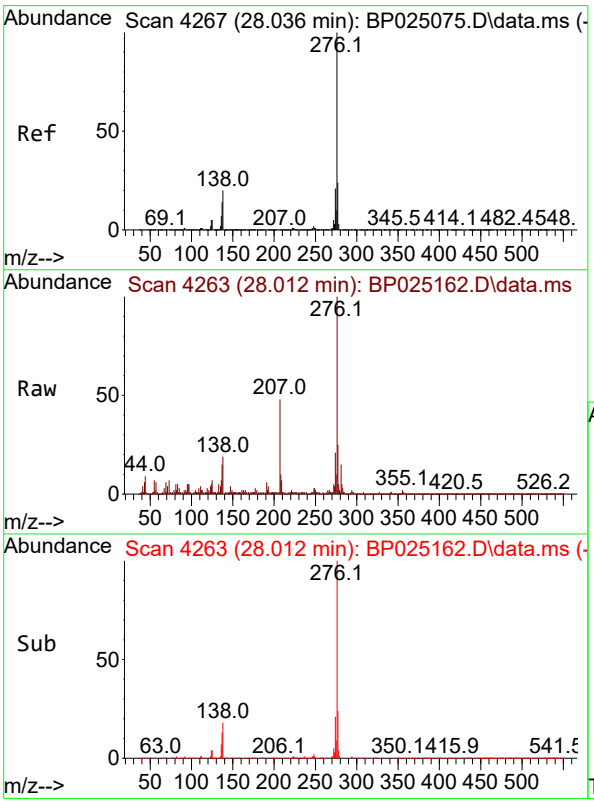
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:264 Resp: 3269618

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.9	17.7	26.5

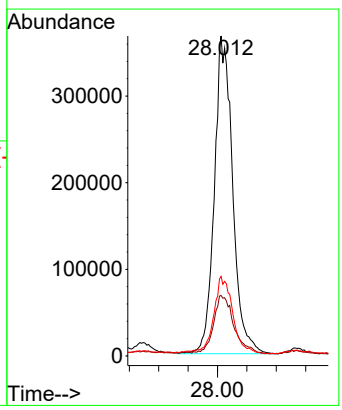


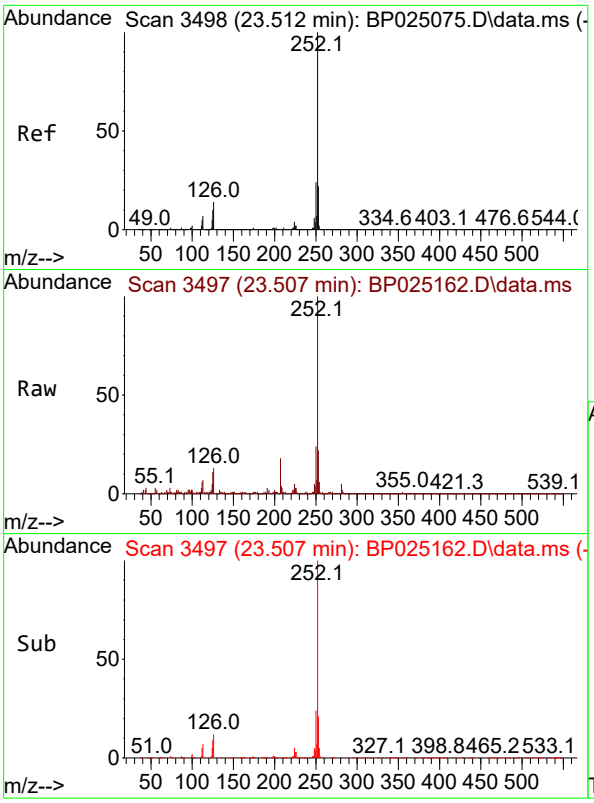


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.616 ng
RT: 28.012 min Scan# 4263
Delta R.T. -0.024 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:276 Resp: 1586375

Ion	Ratio	Lower	Upper
276	100		
138	20.7	13.0	19.6#
277	25.7	15.9	23.9#



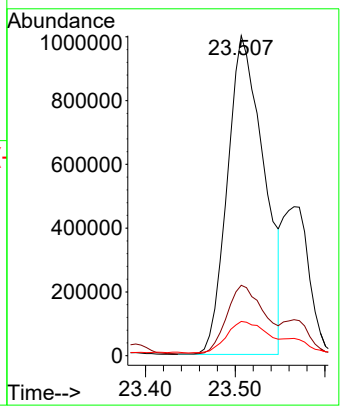


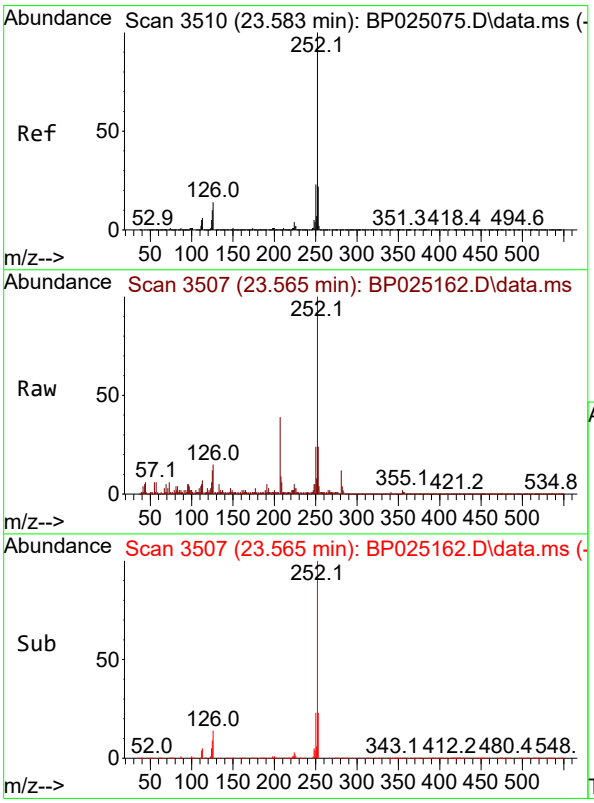
#88
Benzo(b)fluoranthene
Concen: 14.889 ng
RT: 23.507 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:252 Resp: 2833477

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.7	8.1	12.1

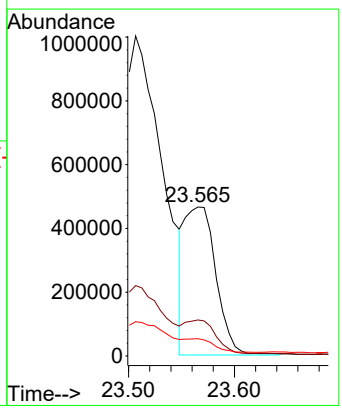


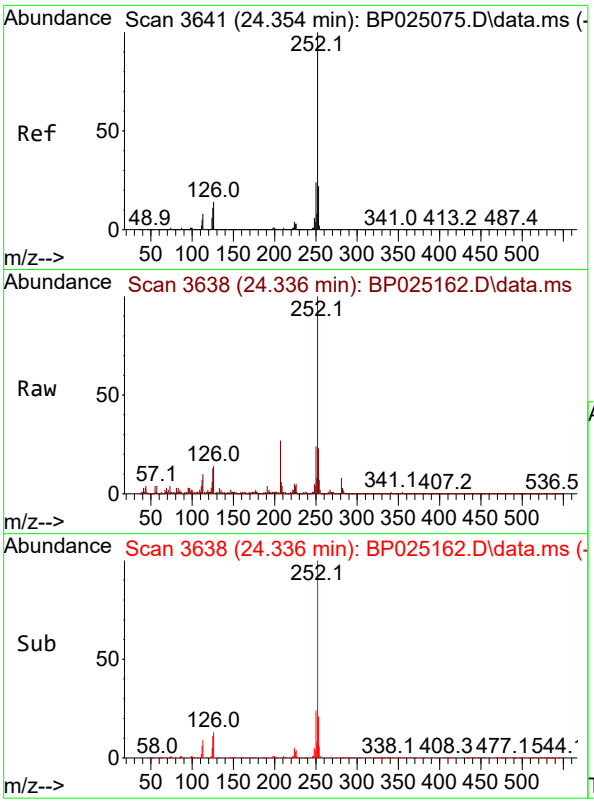


#89
Benzo(k)fluoranthene
Concen: 5.030 ng m
RT: 23.565 min Scan# 3507
Delta R.T. -0.018 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:252 Resp: 952541

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	11.6	8.2	12.2



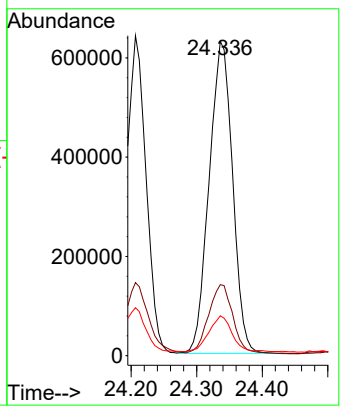


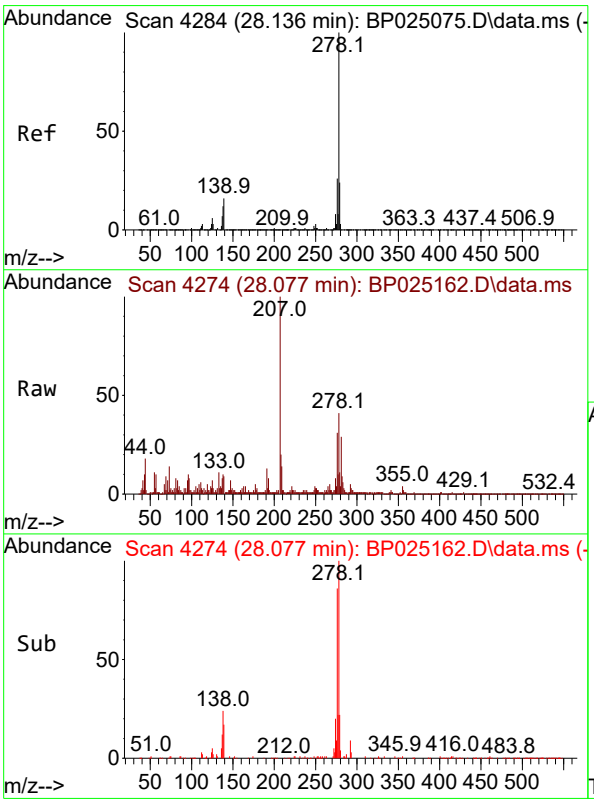
#90
Benzo(a)pyrene
Concen: 9.627 ng
RT: 24.336 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:252 Resp: 1559350

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	12.7	9.0	13.4

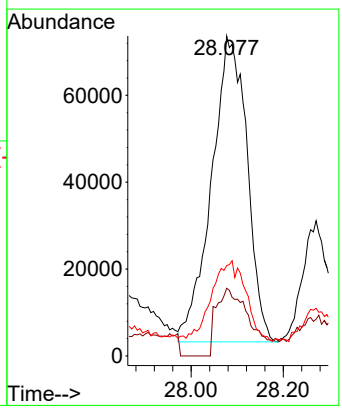


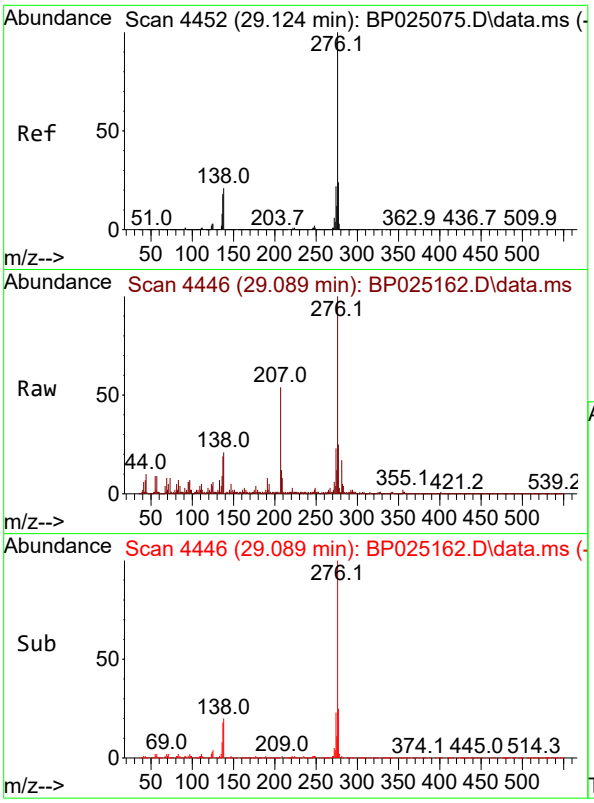


#91
Dibenzo(a,h)anthracene
Concen: 2.188 ng
RT: 28.077 min Scan# 4274
Delta R.T. -0.059 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Tgt Ion:278 Resp: 376682

Ion	Ratio	Lower	Upper
278	100		
139	21.1	13.1	19.7#
279	28.2	18.9	28.3



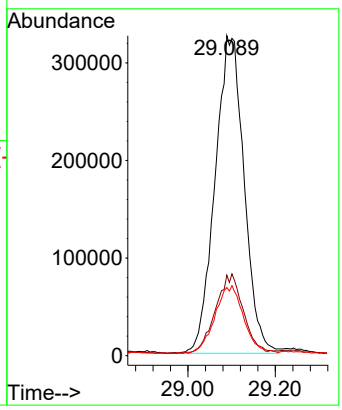


#92
Benzo(g,h,i)perylene
Concen: 8.424 ng
RT: 29.089 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025162.D
Acq: 16 Jul 2025 17:36

Instrument :
BNA_P
ClientSampleId :
TP-80

Tgt Ion:276 Resp: 1498299

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	21.3	16.9	25.3



Sample Results: **BP025162.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

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

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

Signal : TIC: BP025162.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	288	293	299	rBV	445737	585632	3.43%	0.389%
2	5.102	362	368	380	rBV	4728758	6956810	40.74%	4.619%
3	6.637	622	629	645	rVB	5107821	7242727	42.42%	4.809%
4	7.437	758	765	773	rBV	2115754	3105842	18.19%	2.062%
5	8.566	946	957	965	rBV	3029839	4683356	27.43%	3.110%
6	10.190	1225	1233	1239	rBV	2784975	4243434	24.85%	2.817%
7	12.690	1651	1658	1668	rBV	7264348	10540224	61.73%	6.998%
8	13.542	1795	1803	1810	rBV	82310	173119	1.01%	0.115%
9	13.801	1838	1847	1855	rBV	817175	1273250	7.46%	0.845%
10	14.101	1891	1898	1905	rBV	3914964	5548527	32.49%	3.684%
11	15.501	2129	2136	2146	rBV	672925	1016780	5.95%	0.675%
12	15.619	2149	2156	2169	rBV	6905501	9350610	54.76%	6.208%
13	16.925	2371	2378	2382	rBV	4379460	6272195	36.73%	4.165%
14	16.966	2382	2385	2390	rVB	951566	1211132	7.09%	0.804%
15	17.048	2395	2399	2405	rVV	477900	770168	4.51%	0.511%
16	17.107	2405	2409	2419	rVB6	85880	248913	1.46%	0.165%
17	17.819	2526	2530	2535	rBV	329309	424936	2.49%	0.282%
18	17.895	2535	2543	2550	rBV2	1175377	2383477	13.96%	1.583%
19	17.966	2551	2555	2560	rVV3	217281	414209	2.43%	0.275%
20	18.030	2561	2566	2570	rVV2	539573	999982	5.86%	0.664%
21	18.072	2570	2573	2577	rVB	358813	444170	2.60%	0.295%
22	18.354	2618	2621	2624	rBV2	179213	233898	1.37%	0.155%
23	18.395	2624	2628	2633	rVB2	290183	391303	2.29%	0.260%
24	18.713	2679	2682	2686	rVB	155469	178958	1.05%	0.119%
25	18.795	2691	2696	2702	rVV3	496975	1230037	7.20%	0.817%
26	18.854	2704	2706	2709	rVV	405889	538563	3.15%	0.358%
27	18.889	2710	2712	2715	rVV2	353741	473207	2.77%	0.314%
28	18.930	2716	2719	2728	rVB2	334339	671793	3.93%	0.446%
29	19.072	2738	2743	2749	rBV	3961249	5523993	32.35%	3.668%
30	19.219	2764	2768	2771	rVV	416743	571100	3.34%	0.379%
31	19.254	2771	2774	2781	rVB2	493364	716536	4.20%	0.476%
32	19.448	2798	2807	2818	rBV	3640972	6780862	39.71%	4.502%
33	19.636	2836	2839	2841	rBV	269513	369634	2.16%	0.245%
34	19.677	2841	2846	2860	rVB	13386571	17075726	100.00%	11.338%
35	19.807	2863	2868	2872	rBV3	264976	508895	2.98%	0.338%
36	19.889	2879	2882	2884	rBV2	256699	314627	1.84%	0.209%

Sample Results: **BP025162.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

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

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

37	19.930	2885	2889	2892	rBV3	509249	833808	4.88%	0.554%
38	20.136	2918	2924	2928	rBV2	811871	1486691	8.71%	0.987%
39	20.277	2945	2948	2952	rVB	421129	638596	3.74%	0.424%
40	20.324	2954	2956	2958	rBV2	273826	258970	1.52%	0.172%
41	20.730	3021	3025	3027	rBV3	477446	736400	4.31%	0.489%
42	20.760	3028	3030	3039	rVB	1001527	1515068	8.87%	1.006%
43	20.913	3052	3056	3062	rBV2	451046	1232724	7.22%	0.818%
44	21.089	3082	3086	3093	rBV3	1445266	2160541	12.65%	1.435%
45	21.354	3123	3131	3135	rBV4	4983504	10969123	64.24%	7.283%
46	21.395	3135	3138	3144	rVB	1812945	2663579	15.60%	1.769%
47	22.277	3284	3288	3294	rVB3	1096467	1847159	10.82%	1.226%
48	23.507	3490	3497	3504	rBV	2333149	6818216	39.93%	4.527%
49	24.207	3611	3616	3625	rVB	1661655	3530311	20.67%	2.344%
50	24.336	3632	3638	3651	rVB	1613819	4304390	25.21%	2.858%
51	24.483	3656	3663	3672	rBV	2956563	8145906	47.70%	5.409%

Sum of corrected areas: 150610107

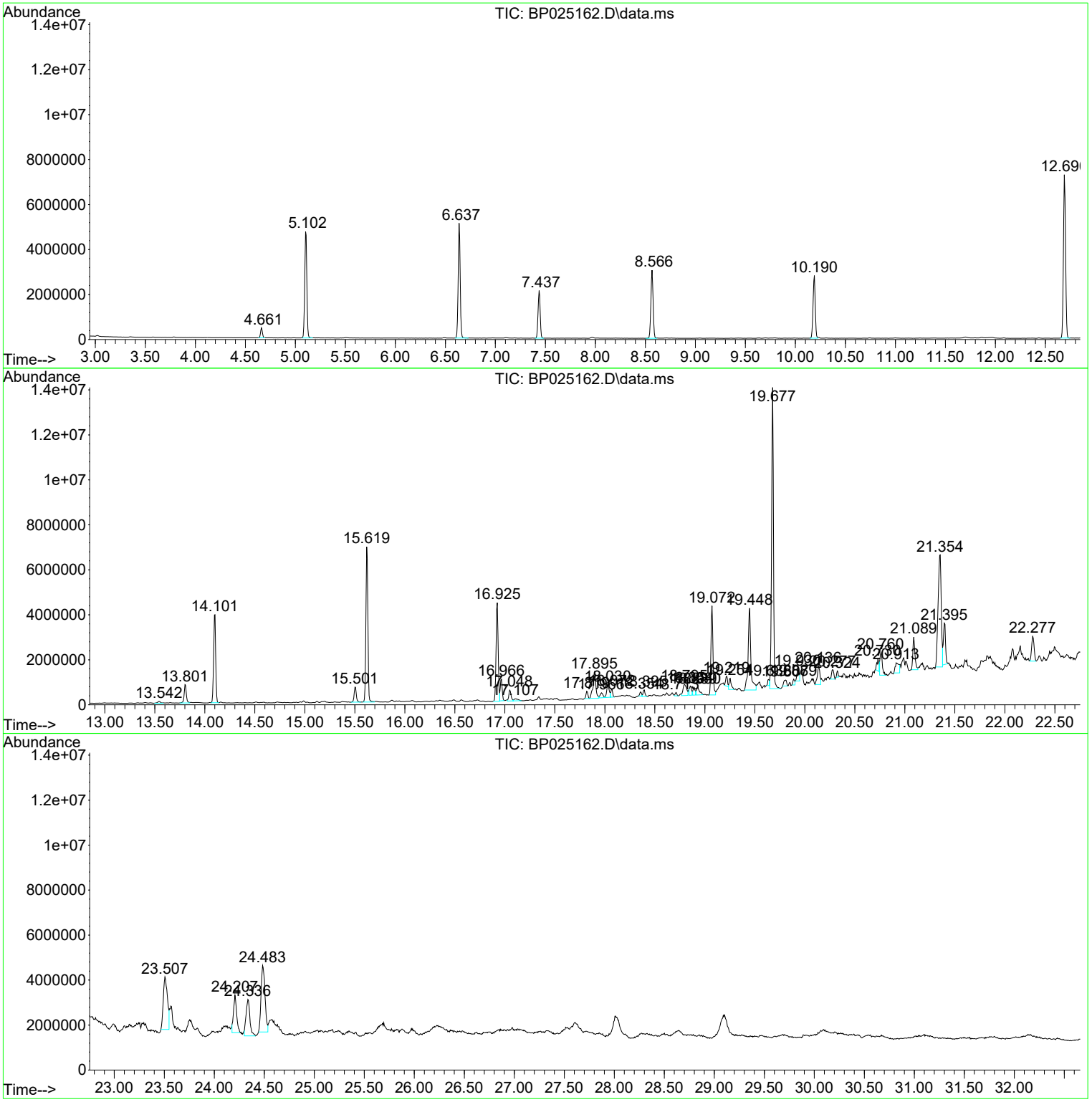
Sample Results: **BP025162.D**

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Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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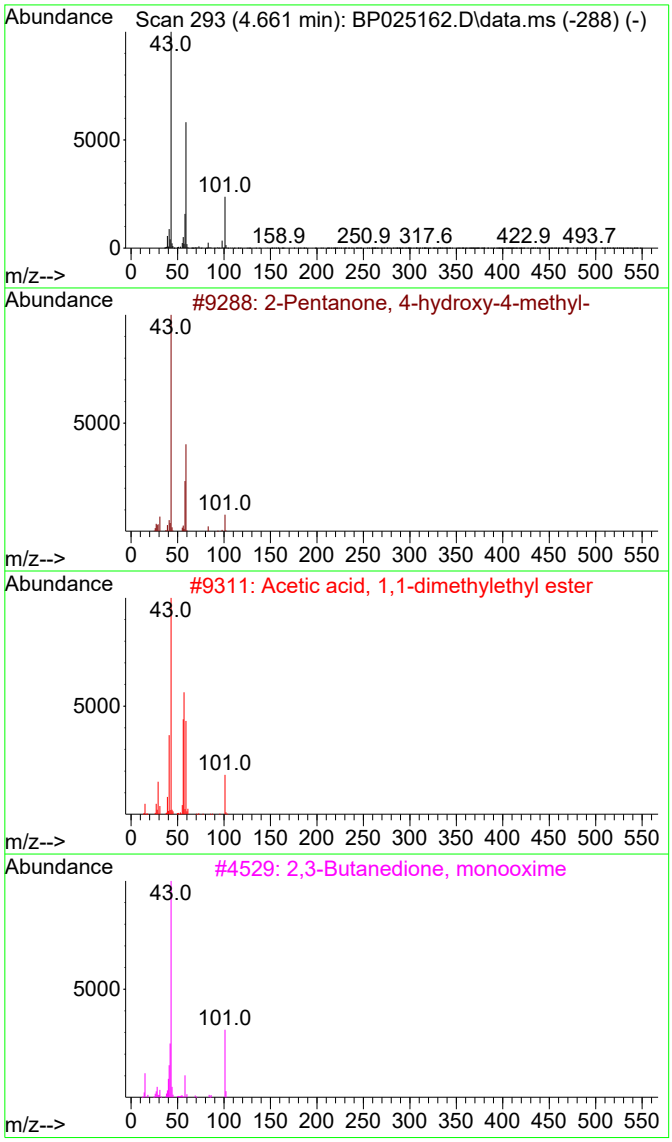
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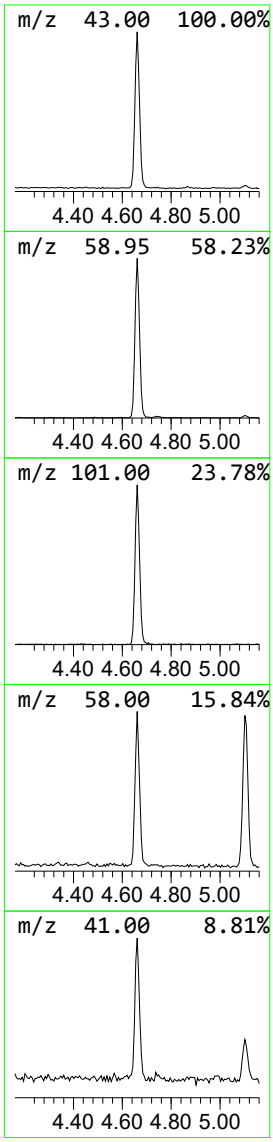
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.661	3.77 ng	585632	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

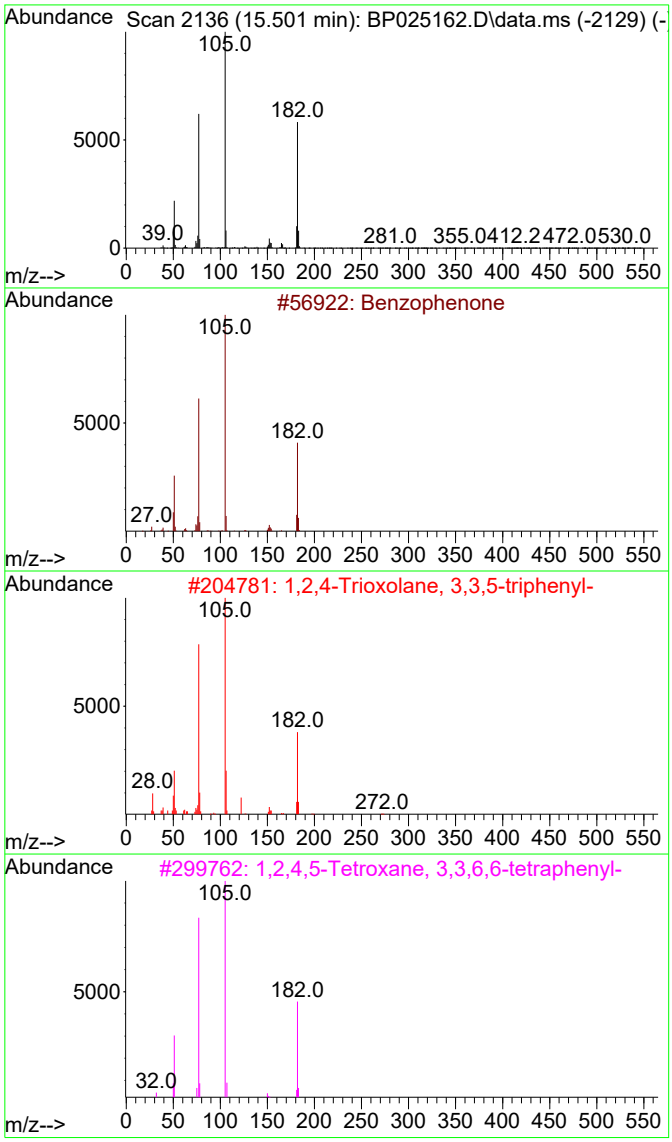
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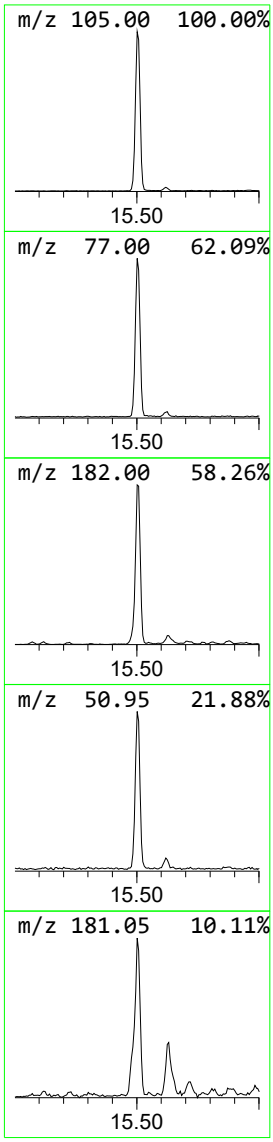
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Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	3.67 ng	1016780	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	64
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5	1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

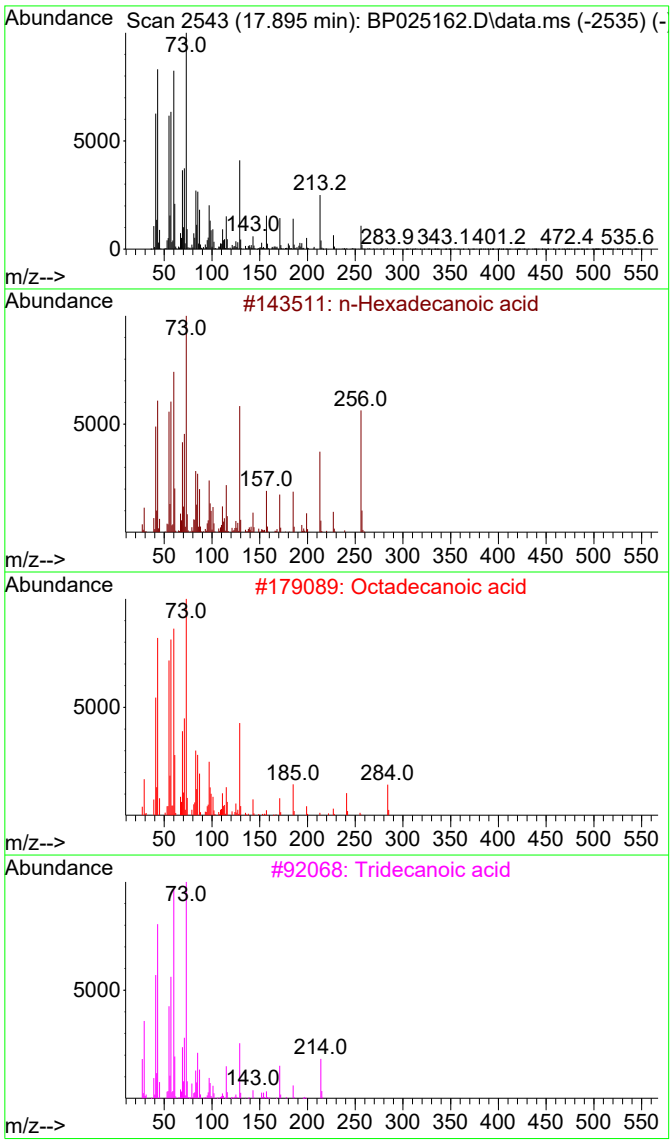
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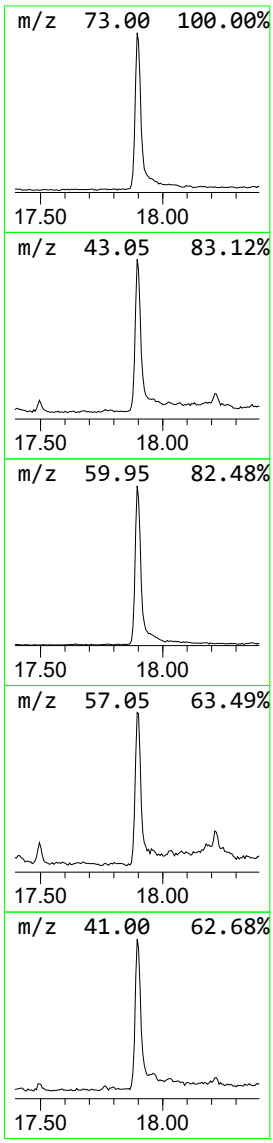
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	7.60 ng	2383480	Phenanthrene-d10	16.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

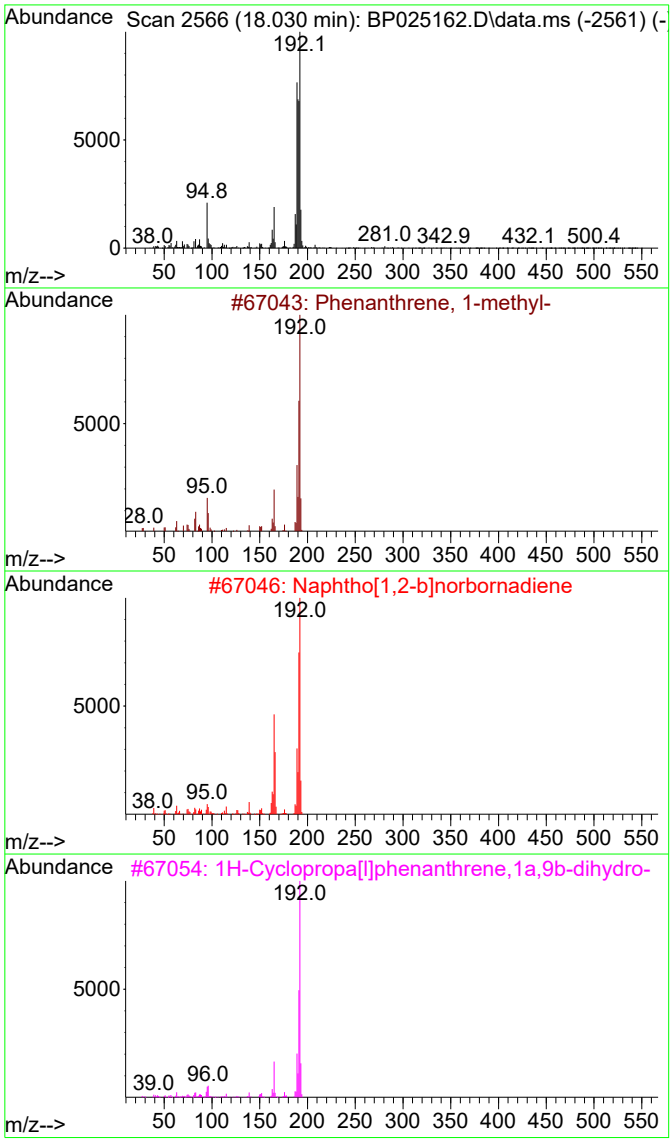
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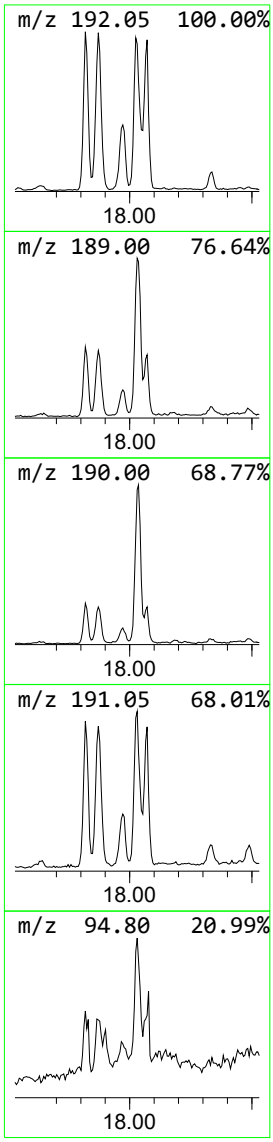
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.031	3.19 ng	999982	Phenanthrene-d10	16.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

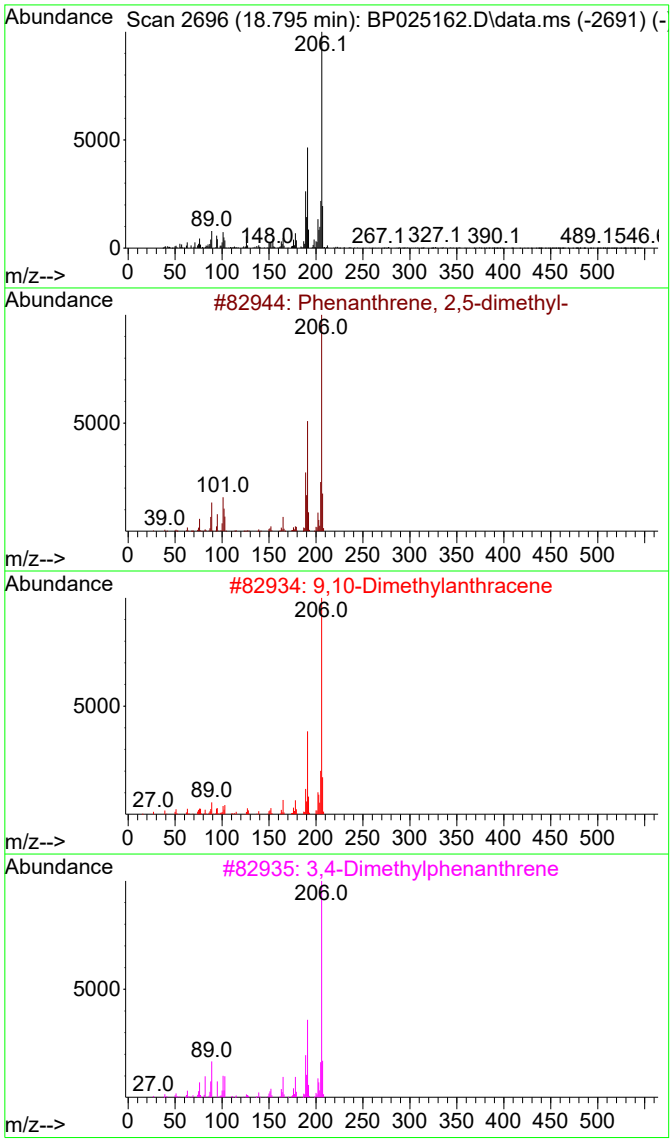
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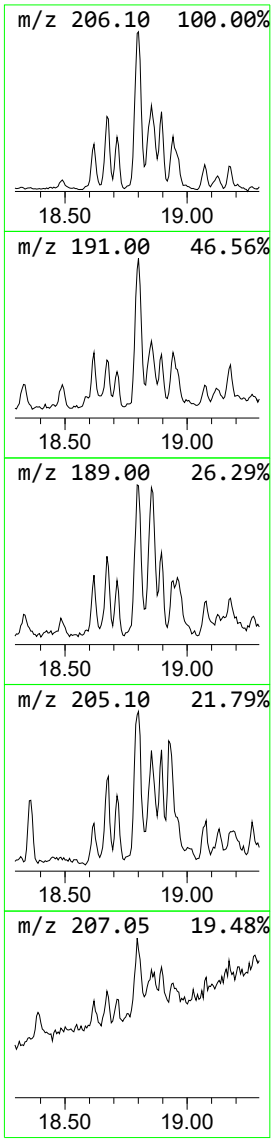
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Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.795	3.92 ng	1230040	Phenanthrene-d10	16.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

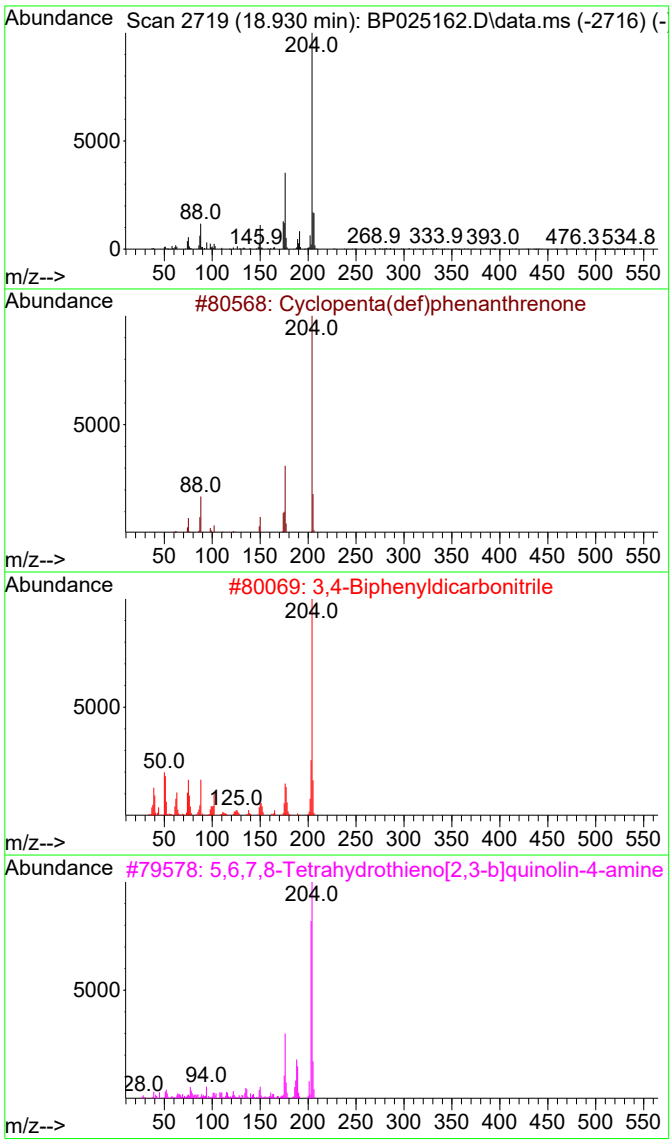
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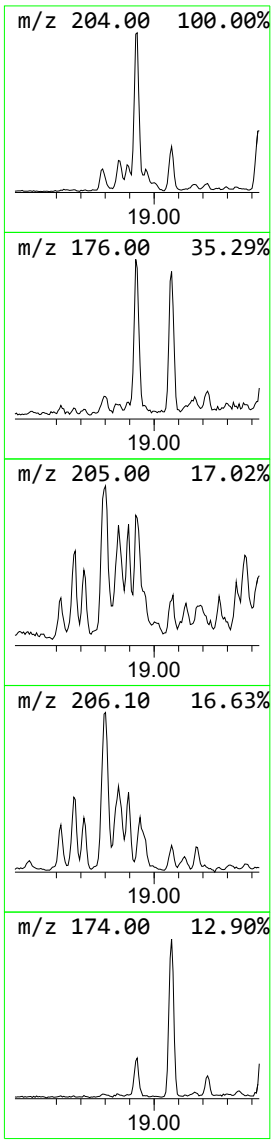
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Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.930	2.14 ng	671793	Phenanthrene-d10	16.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

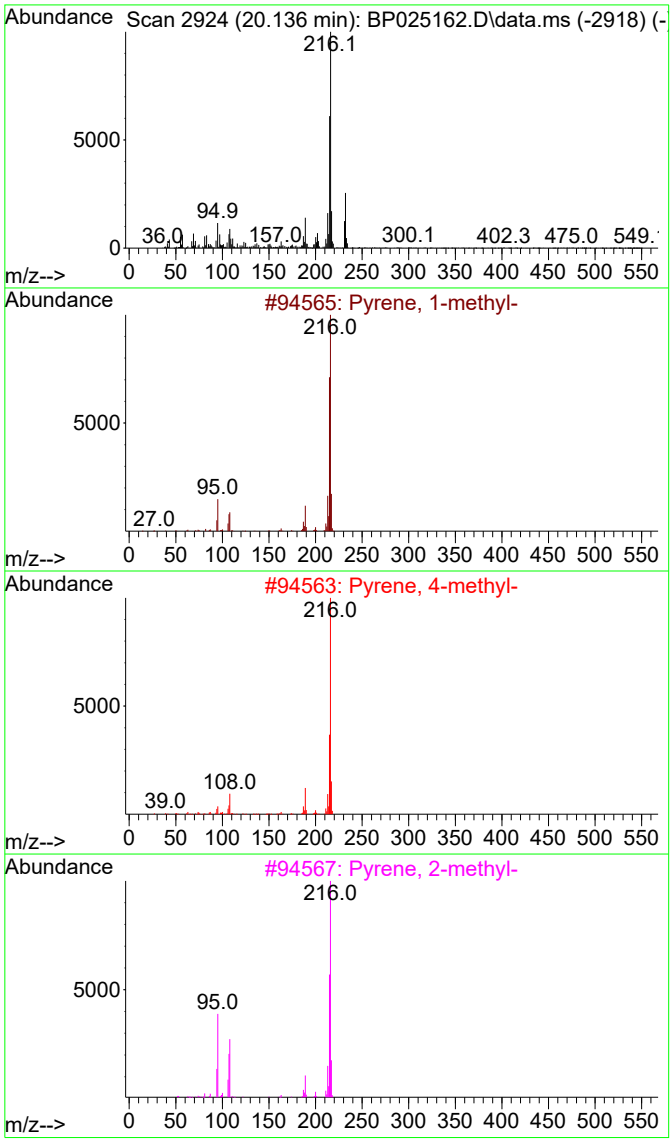
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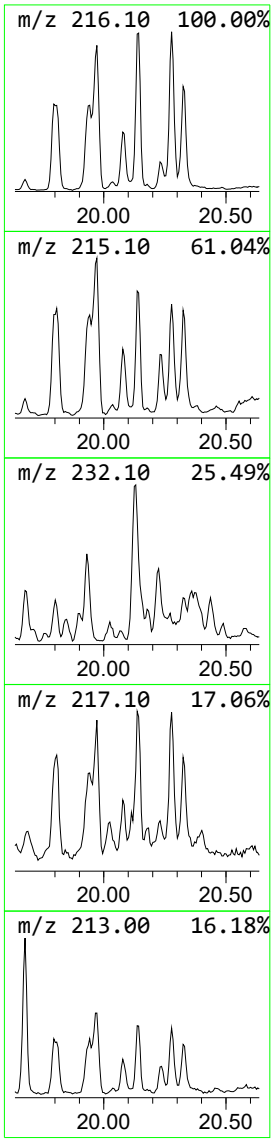
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Peak Number 7 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.136	2.71 ng	1486690	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

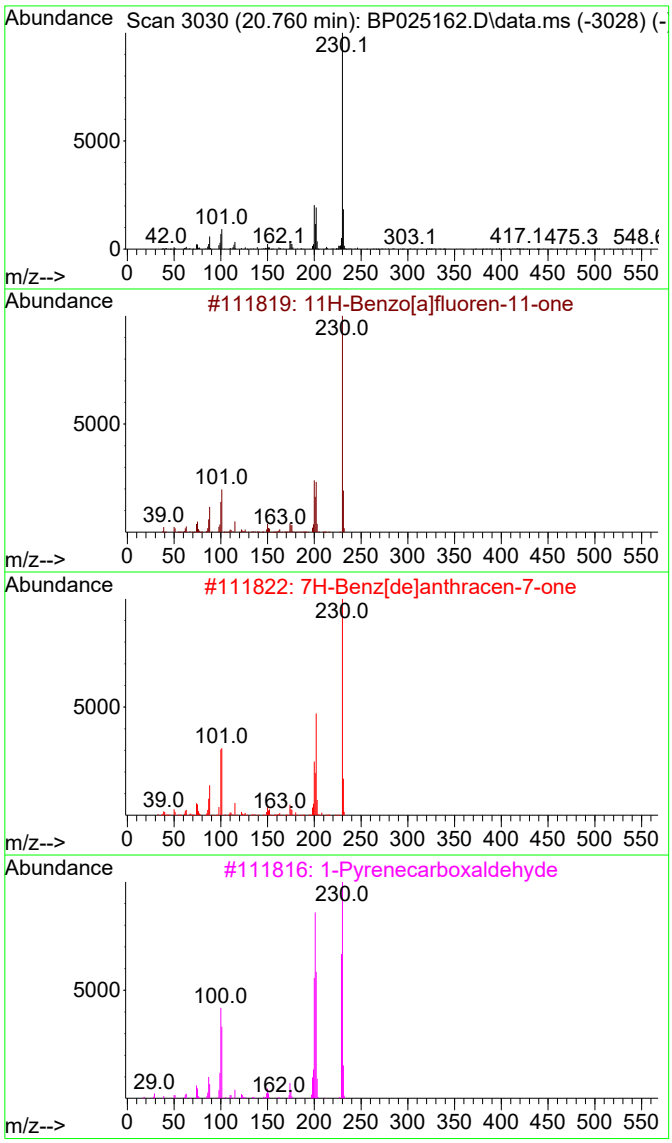
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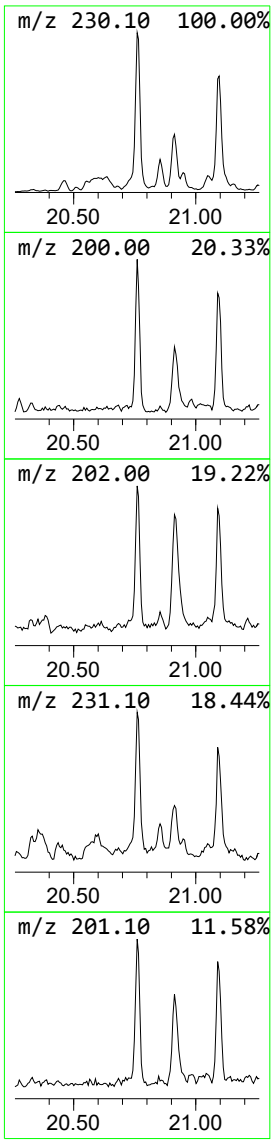
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Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.760	2.76 ng	1515070	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

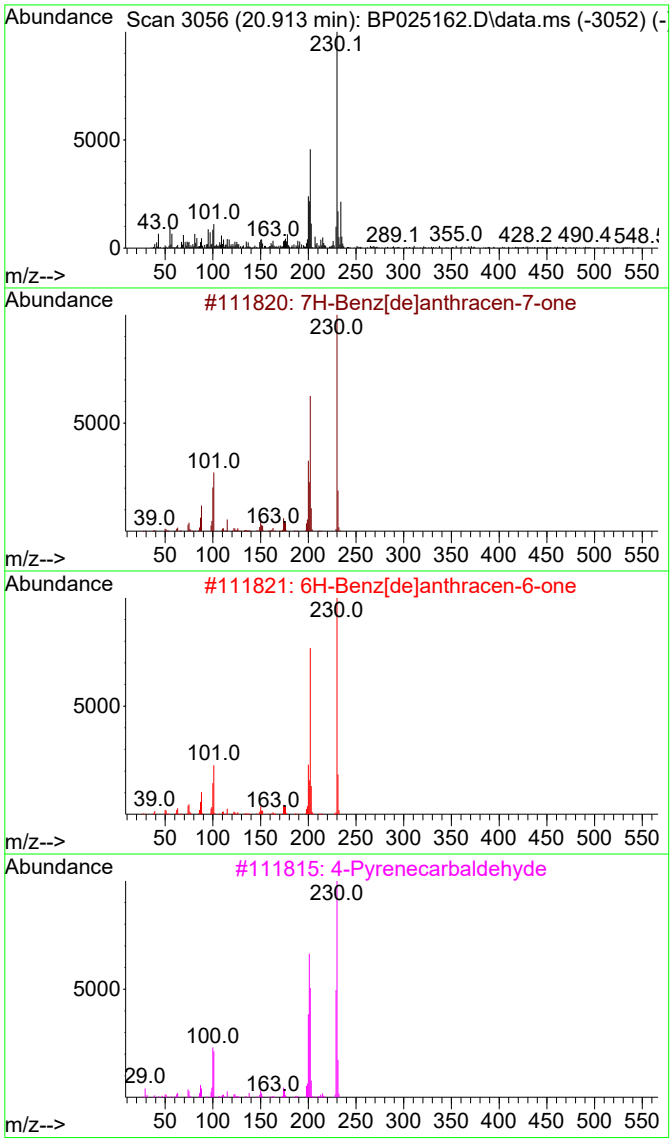
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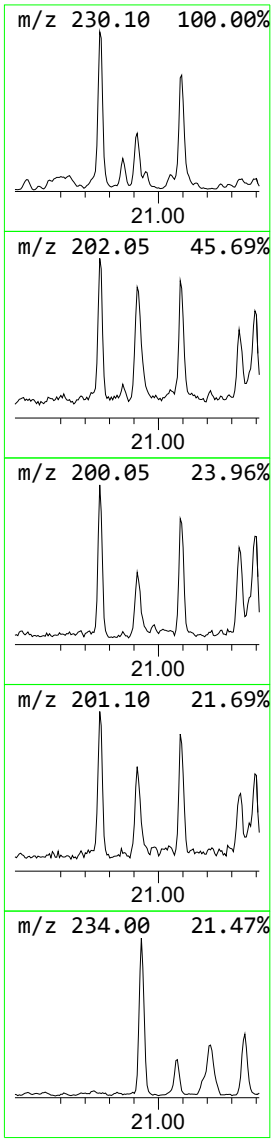
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Peak Number 9 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.913	2.25 ng	1232720	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	60
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	53
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
5	p-Terphenyl	230	C18H14	000092-94-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

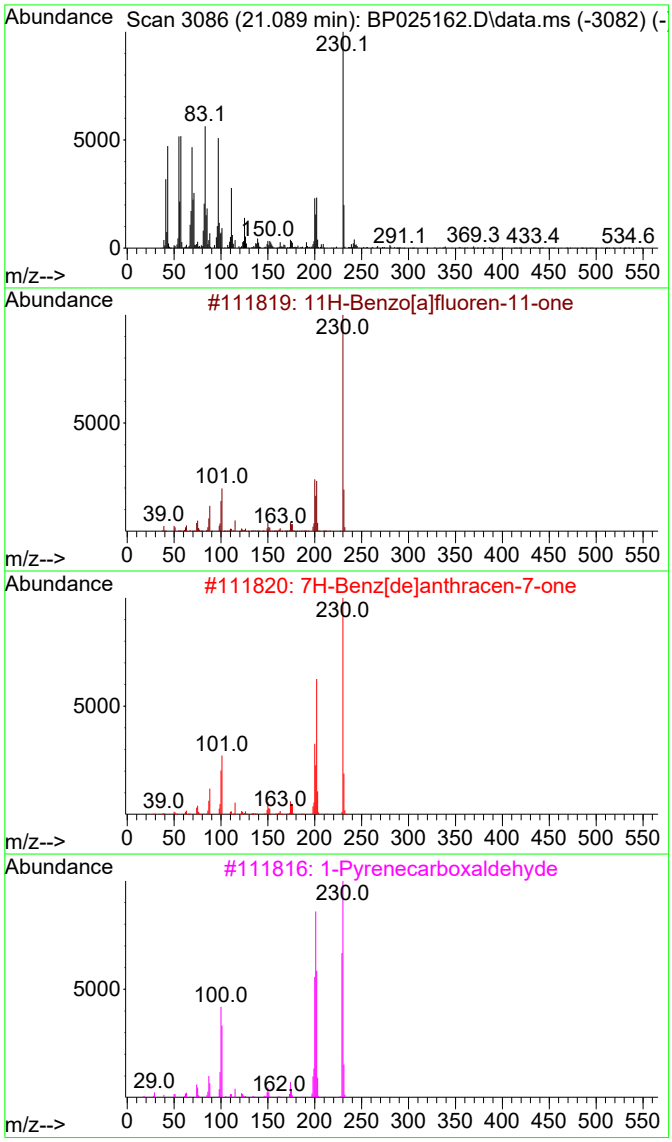
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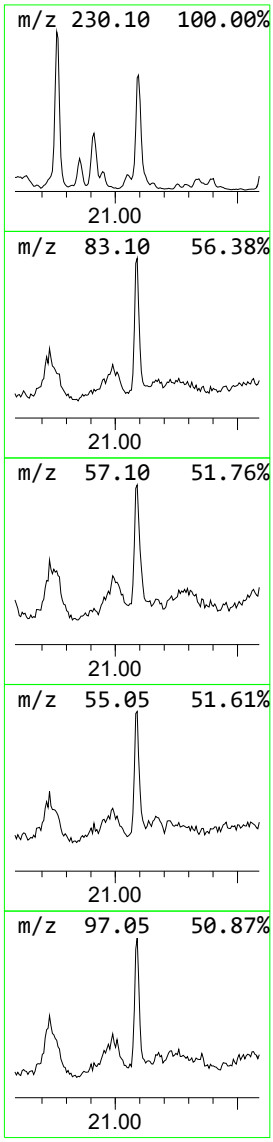
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Peak Number 10 unknown21.089 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.089	3.94 ng	2160540	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	38
4	m-Terphenyl	230	C18H14	000092-06-8	35
5	Benzoic acid, 2-amino-5-chloro-3...	230	C8H7ClN2O4	084228-49-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

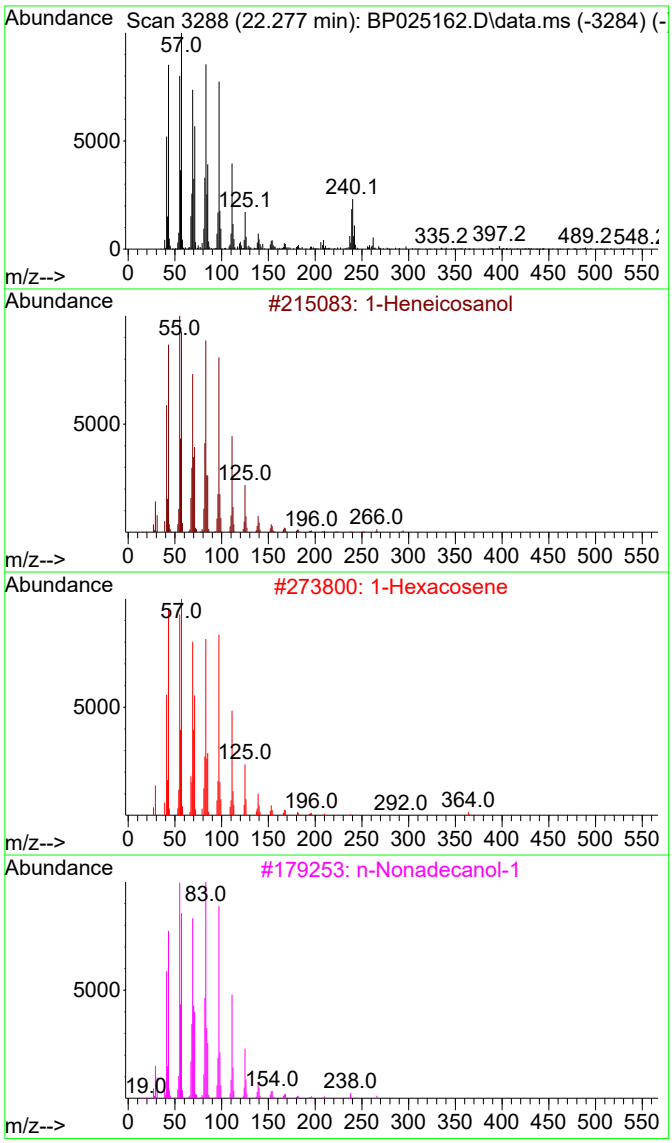
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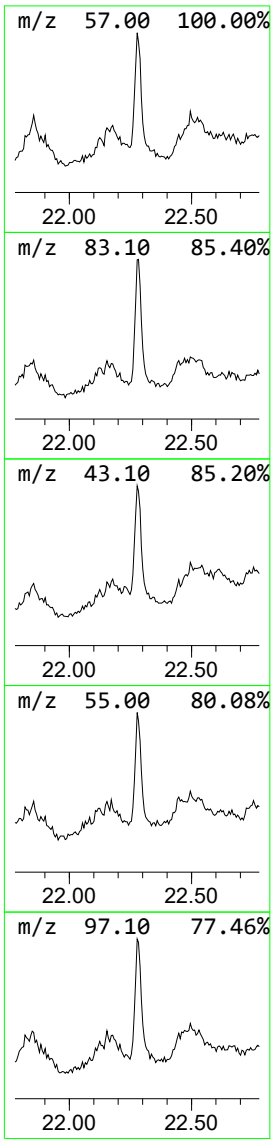
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Peak Number 11 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.277	3.37 ng	1847160	Chrysene-d12	21.354

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

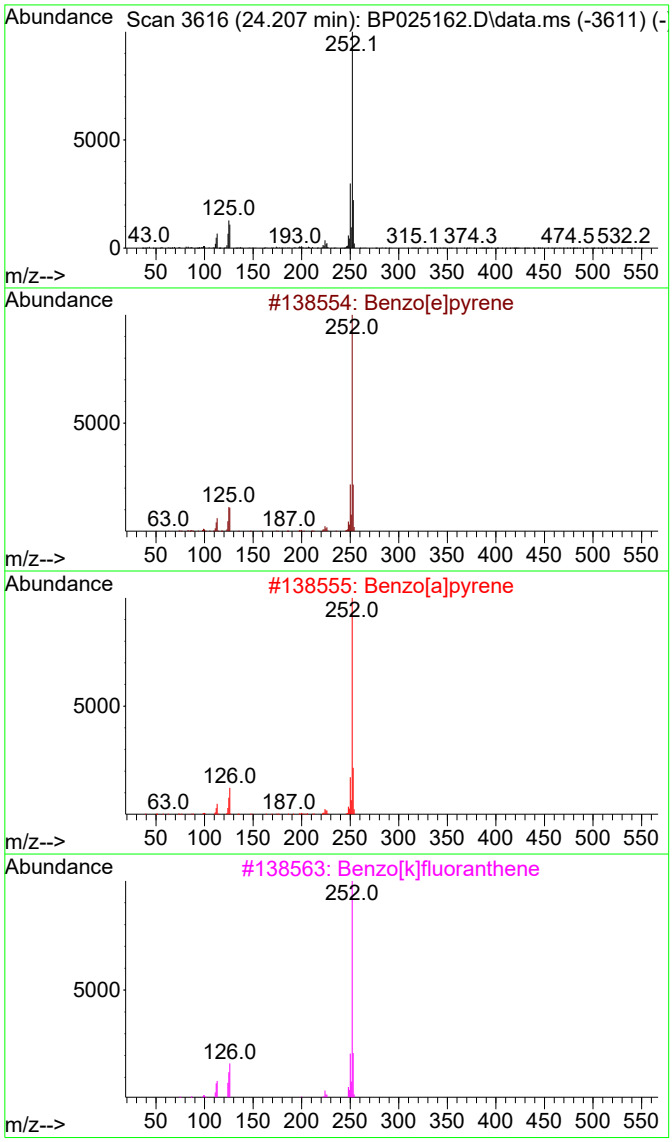
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TIC Integration Parameters: LSCINT.P

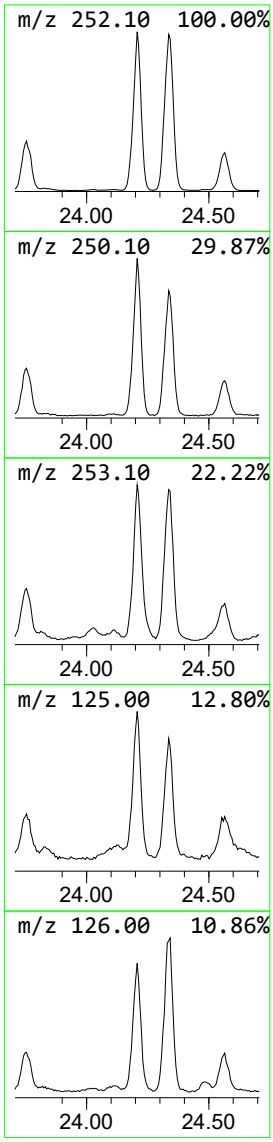
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Peak Number 12 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.207	8.67 ng	3530310	Perylene-d12	24.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025162.D
Acq On : 16 Jul 2025 17:36
Operator : CG/JU
Sample : Q2529-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-80

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.661	3.8	ng	585632	1	7.437	3105840	20.0
Benzophenone	15.501	3.7	ng	1016780	3	14.101	5548530	20.0
n-Hexadecanoic ...	17.895	7.6	ng	2383480	4	16.925	6272200	20.0
Phenanthrene, 1...	18.031	3.2	ng	999982	4	16.925	6272200	20.0
Phenanthrene, 2...	18.795	3.9	ng	1230040	4	16.925	6272200	20.0
Cyclopenta(def)...	18.930	2.1	ng	671793	4	16.925	6272200	20.0
Pyrene, 1-methyl-	20.136	2.7	ng	1486690	5	21.354	10969100	20.0
11H-Benzo[a]flu...	20.760	2.8	ng	1515070	5	21.354	10969100	20.0
7H-Benz[de]anth...	20.913	2.3	ng	1232720	5	21.354	10969100	20.0
unknown21.089	21.089	3.9	ng	2160540	5	21.354	10969100	20.0
1-Heneicosanol	22.277	3.4	ng	1847160	5	21.354	10969100	20.0
Benzo[e]pyrene	24.207	8.7	ng	3530310	6	24.483	8145910	20.0

Raw Data: **BM050390.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-79	SDG No.:	Q2529
Lab Sample ID:	Q2529-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050390.D	1	07/09/25 08:55	07/10/25 15:17	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.3	U	24.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.7	U	26.7	190	ug/Kg
95-57-8	2-Chlorophenol	26.9	U	26.9	190	ug/Kg
95-48-7	2-Methylphenol	32.9	U	32.9	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.3	U	41.3	190	ug/Kg
98-86-2	Acetophenone	32.5	U	32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.2	U	45.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.2	U	52.2	88.1	ug/Kg
67-72-1	Hexachloroethane	19.4	U	19.4	190	ug/Kg
98-95-3	Nitrobenzene	20.1	U	20.1	190	ug/Kg
78-59-1	Isophorone	36.1	UQ	36.1	190	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.3	U	71.3	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.9	U	33.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.2	U	31.2	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	39.0	U	39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.9	U	27.9	190	ug/Kg
105-60-2	Caprolactam	57.4	U	57.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.6	U	31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.2	U	28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	UQ	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.0	UQ	32.0	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.8	U	24.8	190	ug/Kg
88-74-4	2-Nitroaniline	52.9	U	52.9	190	ug/Kg
131-11-3	Dimethylphthalate	29.8	U	29.8	190	ug/Kg

Raw Data: **BM050390.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-79	SDG No.:	Q2529
Lab Sample ID:	Q2529-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050390.D	1	07/09/25 08:55	07/10/25 15:17	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.8	UQ	31.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.0	UQ	37.0	190	ug/Kg
99-09-2	3-Nitroaniline	50.6	U	50.6	190	ug/Kg
83-32-9	Acenaphthene	23.4	U	23.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.2	U	55.2	190	ug/Kg
84-66-2	Diethylphthalate	31.2	U	31.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.4	U	29.4	190	ug/Kg
86-73-7	Fluorene	27.9	U	27.9	190	ug/Kg
100-01-6	4-Nitroaniline	70.7	UQ	70.7	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.2	UQ	36.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.9	UQ	27.9	190	ug/Kg
1912-24-9	Atrazine	37.4	U	37.4	190	ug/Kg
87-86-5	Pentachlorophenol	56.5	UQ	56.5	360	ug/Kg
85-01-8	Phenanthrene	23.0	U	23.0	190	ug/Kg
120-12-7	Anthracene	36.7	UQ	36.7	190	ug/Kg
86-74-8	Carbazole	34.3	UQ	34.3	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	UQ	52.7	190	ug/Kg
206-44-0	Fluoranthene	33.0	U	33.0	190	ug/Kg
129-00-0	Pyrene	39.6	U	39.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.6	U	78.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.4	U	40.4	360	ug/Kg
56-55-3	Benzo(a)anthracene	25.3	U	25.3	190	ug/Kg
218-01-9	Chrysene	21.9	U	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.2	U	65.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.6	U	95.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.9	U	20.9	190	ug/Kg

Raw Data: **BM050390.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-79	SDG No.:	Q2529
Lab Sample ID:	Q2529-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050390.D	1	07/09/25 08:55	07/10/25 15:17	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.7	U	24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.5	UQ	32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.0	UQ	32.0	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2	U	30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.3	U	28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.2	U	28.2	190	ug/Kg
123-91-1	1,4-Dioxane	49.8	U	49.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.2	U	30.2	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	127		18 - 112	85%	SPK: 150
13127-88-3	Phenol-d6	131		15 - 107	87%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		18 - 107	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		20 - 109	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		10 - 116	106%	SPK: 150
1718-51-0	Terphenyl-d14	80.4		10 - 105	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	494000	7.863			
1146-65-2	Naphthalene-d8	1810000	10.657			
15067-26-2	Acenaphthene-d10	1160000	14.492			
1517-22-2	Phenanthrene-d10	2510000	17.221			
1719-03-5	Chrysene-d12	2690000	21.45			
1520-96-3	Perylene-d12	2770000	24.491			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB		4.97	ug/Kg
020928-64-7	1,2-Dihydro-3-hydroxy-2-oxo-4,6-bi	480	J		15.7	ug/Kg
000119-61-9	Benzophenone	280	J		15.8	ug/Kg
000057-11-4	Octadecanoic acid	6700	J		16.2	ug/Kg
000057-10-3	n-Hexadecanoic acid	1200	J		18.1	ug/Kg
000112-55-0	1-Dodecanethiol	89.2	J		19.3	ug/Kg

Raw Data: **BM050390.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-79	SDG No.:	Q2529
Lab Sample ID:	Q2529-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050390.D	1	07/09/25 08:55	07/10/25 15:17	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
001002-84-2	Pentadecanoic acid	360	J		19.4	ug/Kg
015594-90-8	1-Heneicosanol	230	J		21.1	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_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

Quant Time: Jul 10 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

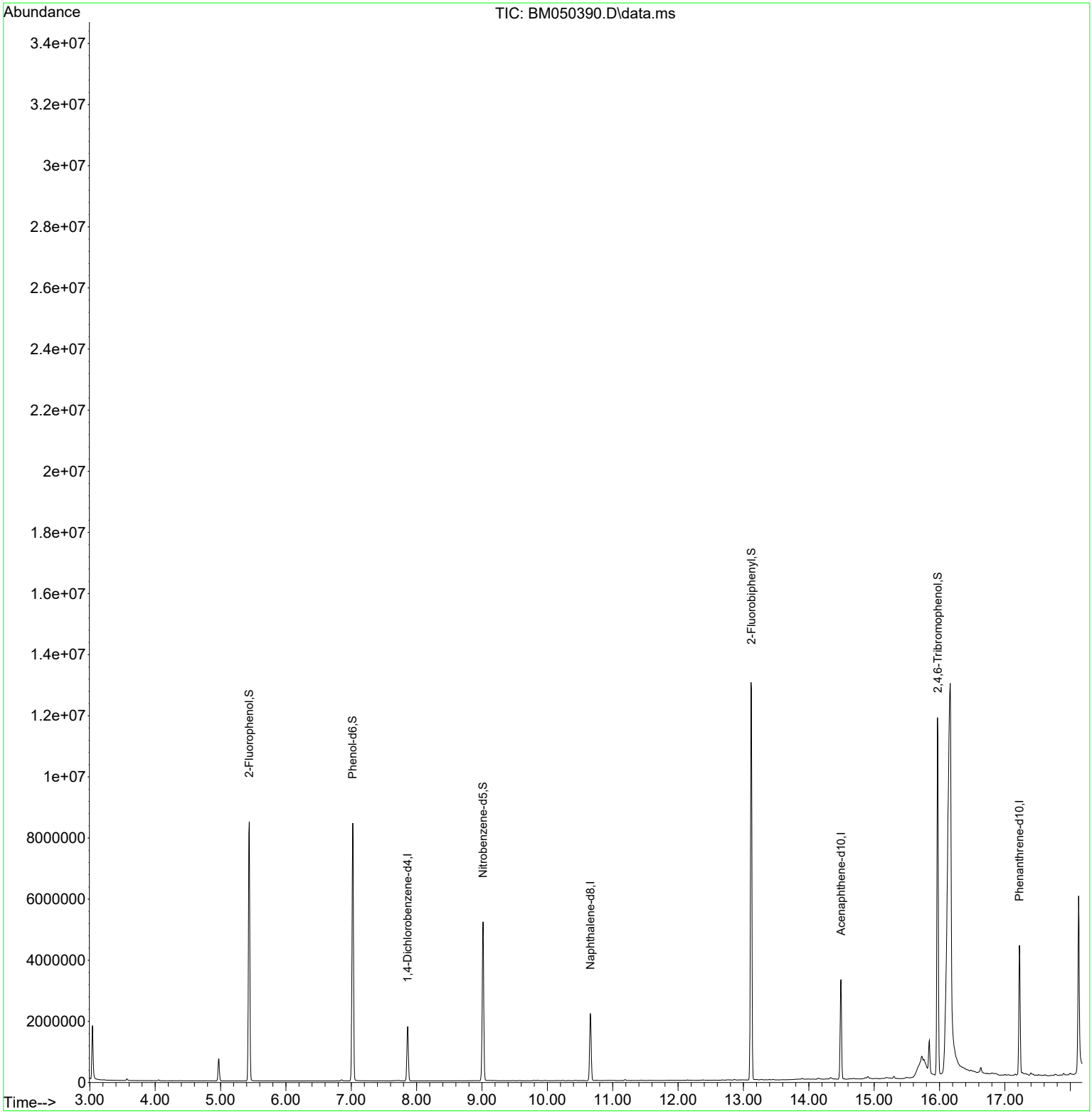
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	494196	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1809486	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1160201	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2509638	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2687321	20.000	ng	0.00
86) Perylene-d12	24.491	264	2766874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	3659723	127.471	ng	0.00
7) Phenol-d6	7.022	99	4734784	130.822	ng	0.00
23) Nitrobenzene-d5	9.016	82	2813383	79.323	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2249896	159.606	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6961127	74.095	ng	0.00
79) Terphenyl-d14	19.839	244	12283967	80.426	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

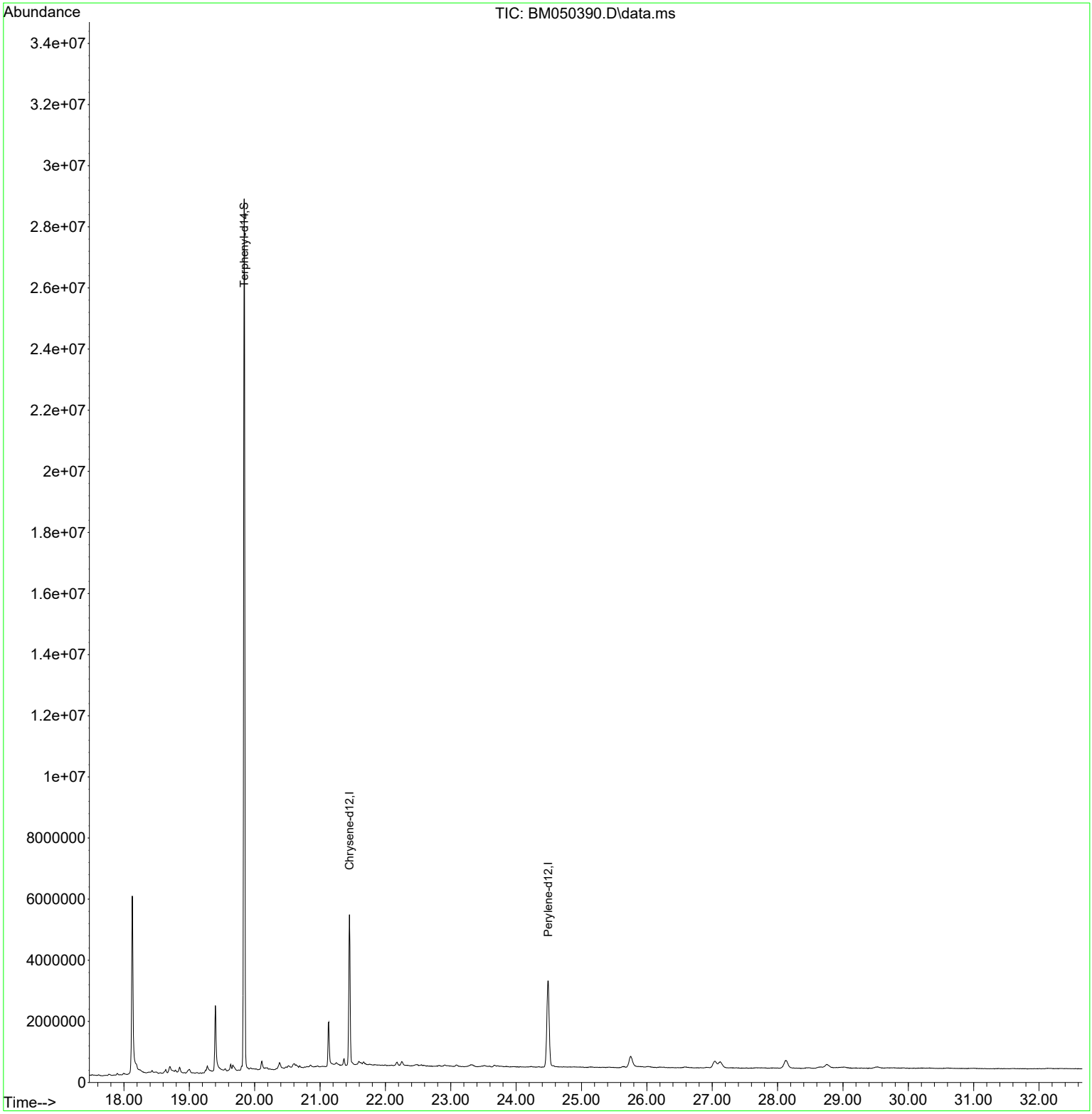
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

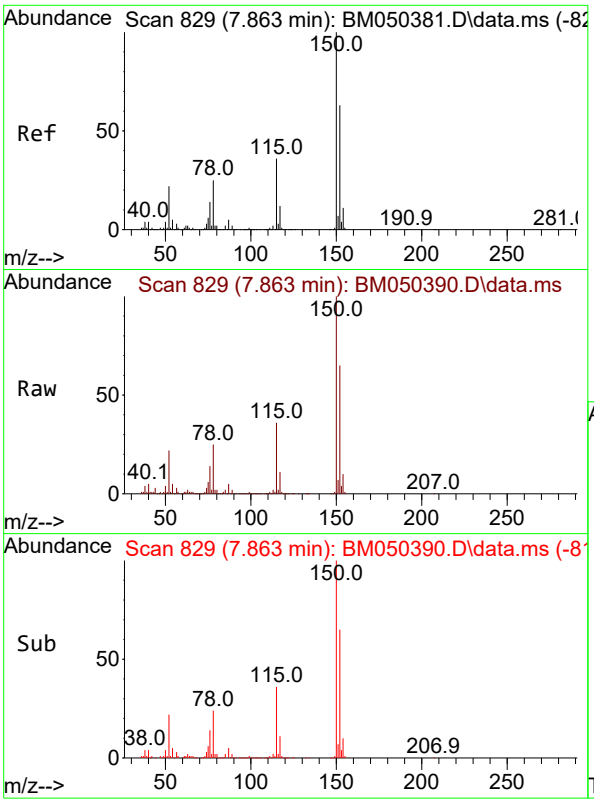


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

Quant Time: Jul 10 16:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



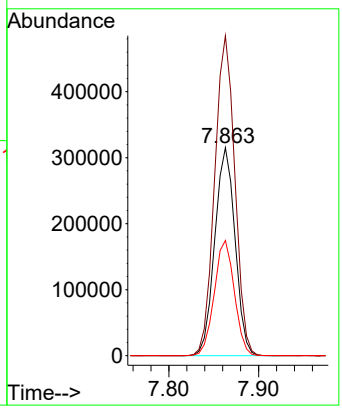


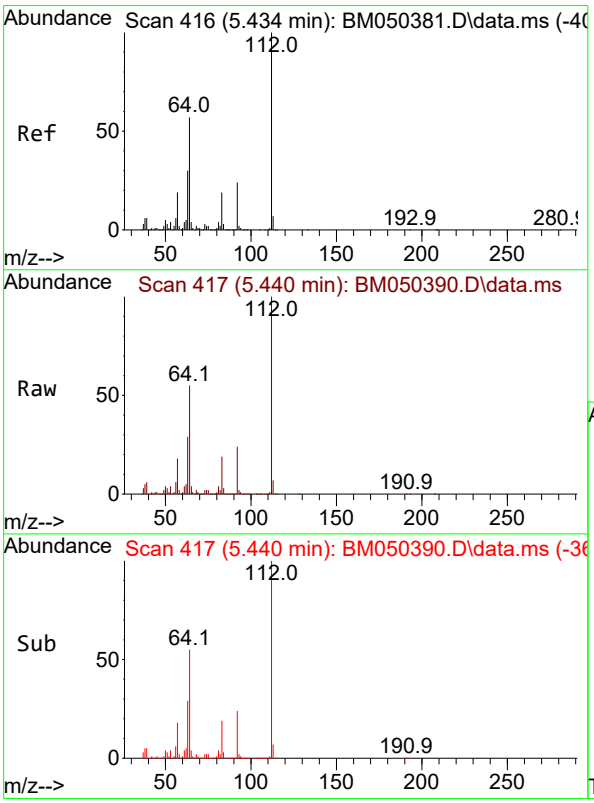
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion:152 Resp: 494196

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.4
115	55.4	45.8	68.8

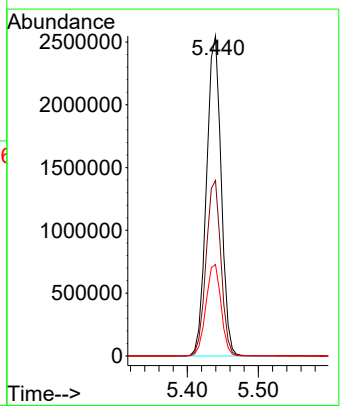


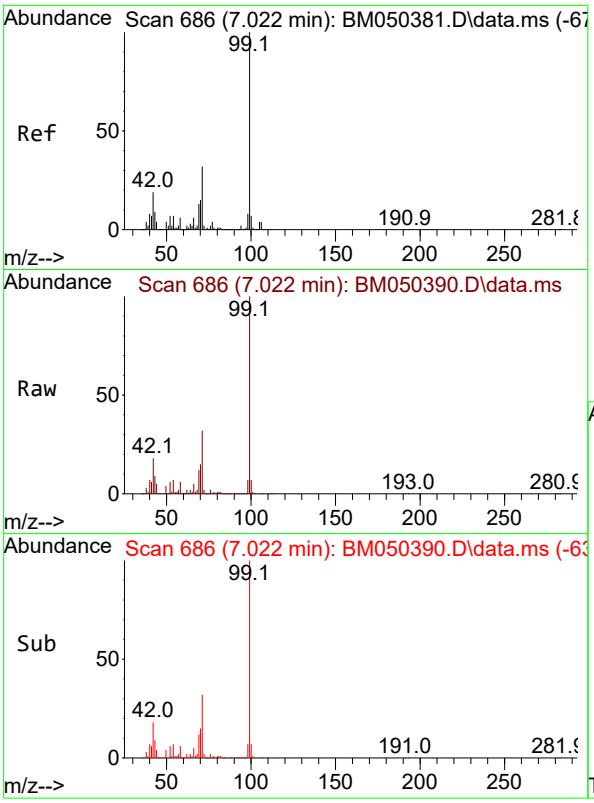


#5
2-Fluorophenol
Concen: 127.471 ng
RT: 5.440 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:112 Resp: 3659723

Ion	Ratio	Lower	Upper
112	100		
64	54.9	45.5	68.3
63	28.6	24.2	36.4



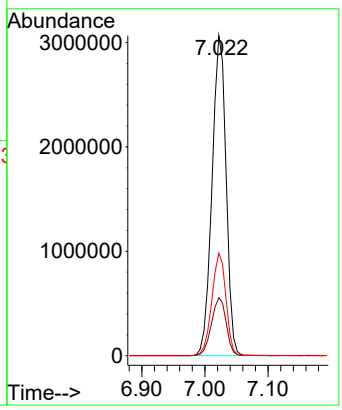


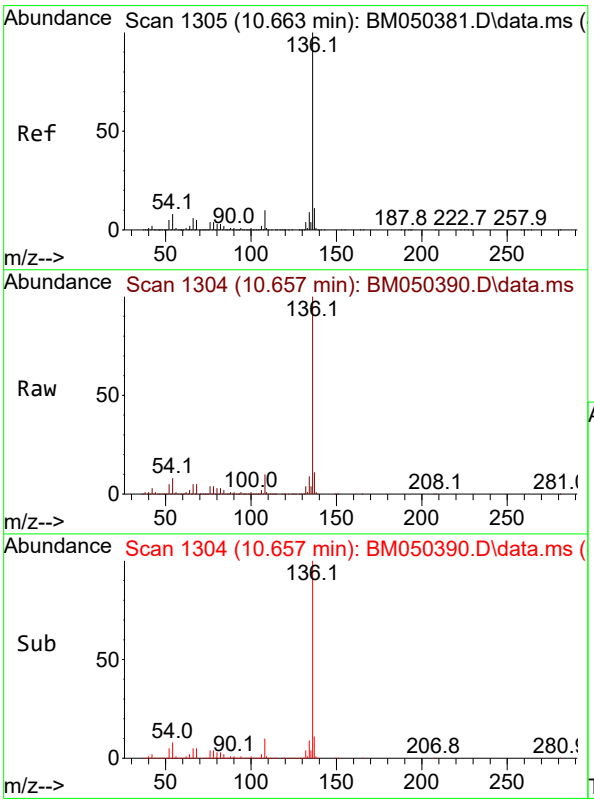
#7
Phenol-d6
Concen: 130.822 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion: 99 Resp: 4734784

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.0	22.6
71	32.0	25.9	38.9

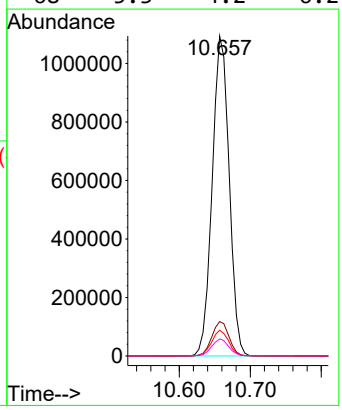


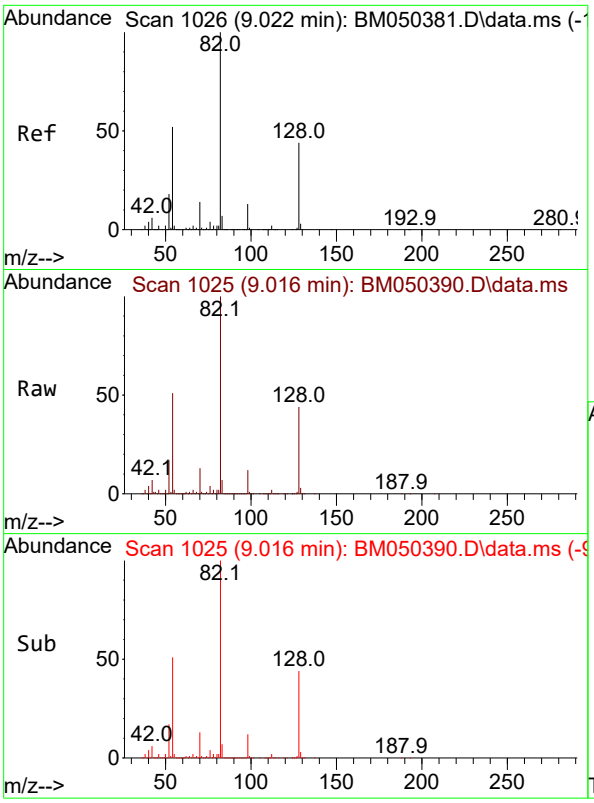


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:136 Resp: 1809486

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.1	6.3	9.5
68	5.3	4.2	6.2



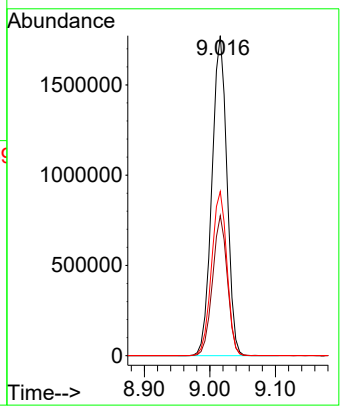


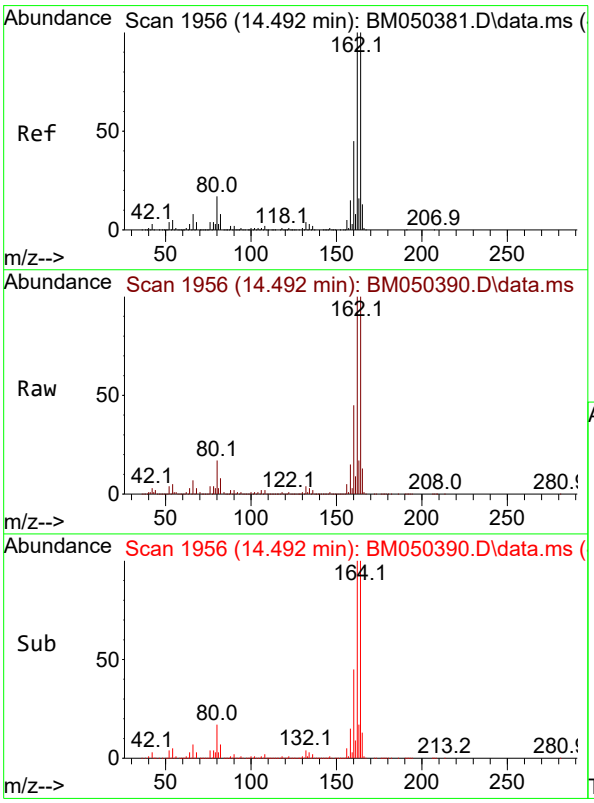
#23
Nitrobenzene-d5
Concen: 79.323 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion: 82 Resp: 2813383

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.2	52.8
54	51.3	41.5	62.3

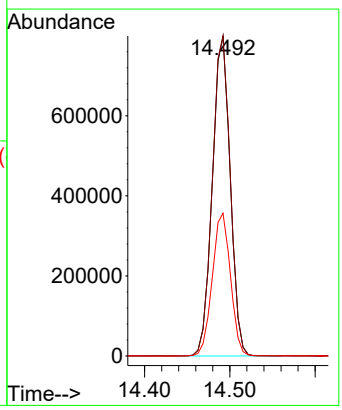


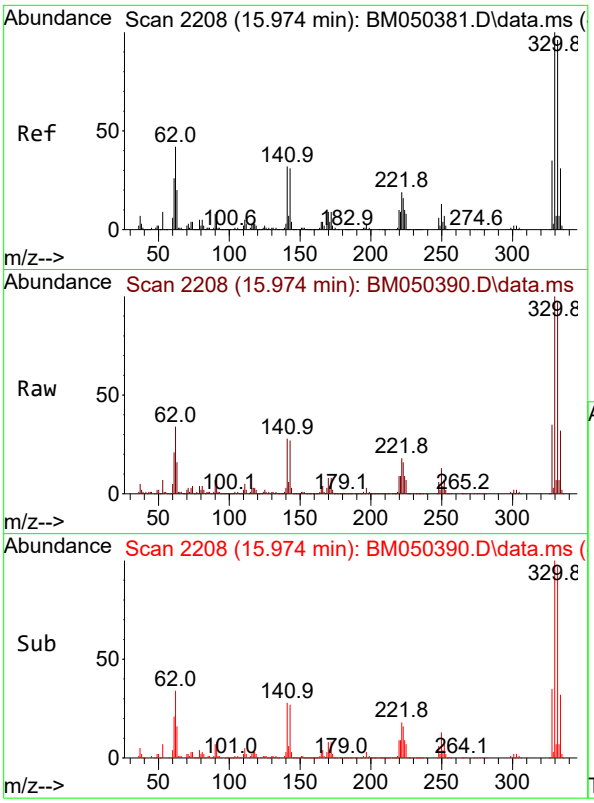


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:164 Resp: 1160201

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	44.7	36.2	54.4



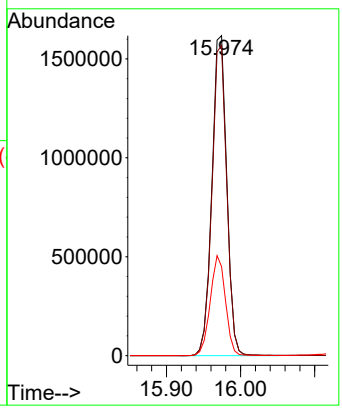


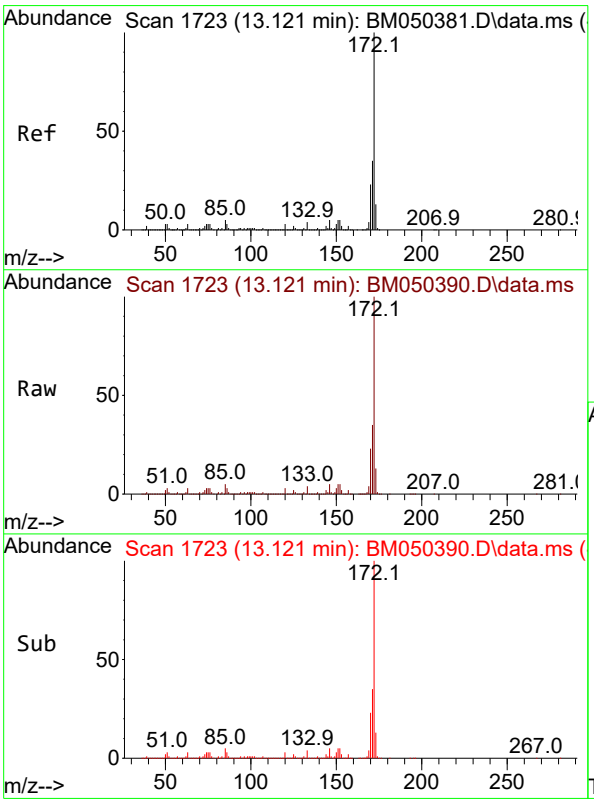
#42
2,4,6-Tribromophenol
Concen: 159.606 ng
RT: 15.974 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion:330 Resp: 2249896

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	31.9	27.4	41.0

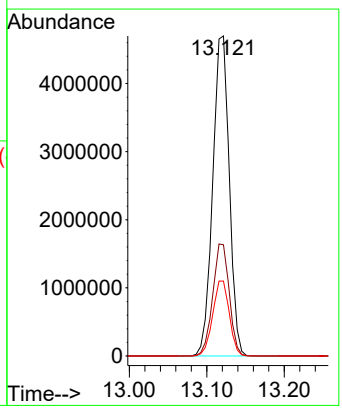


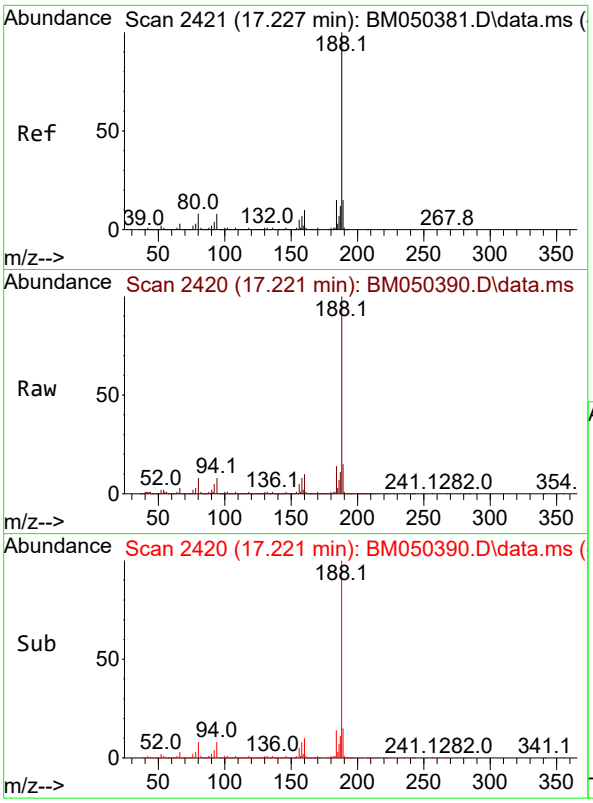


#45
2-Fluorobiphenyl
Concen: 74.095 ng
RT: 13.121 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:172 Resp: 6961127

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.7	41.5
170	23.4	18.8	28.2



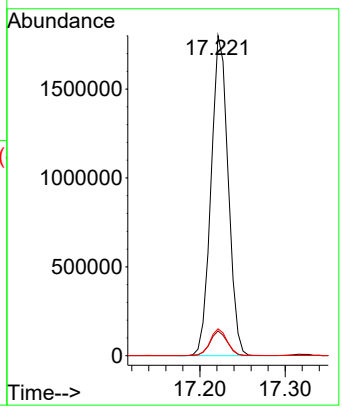


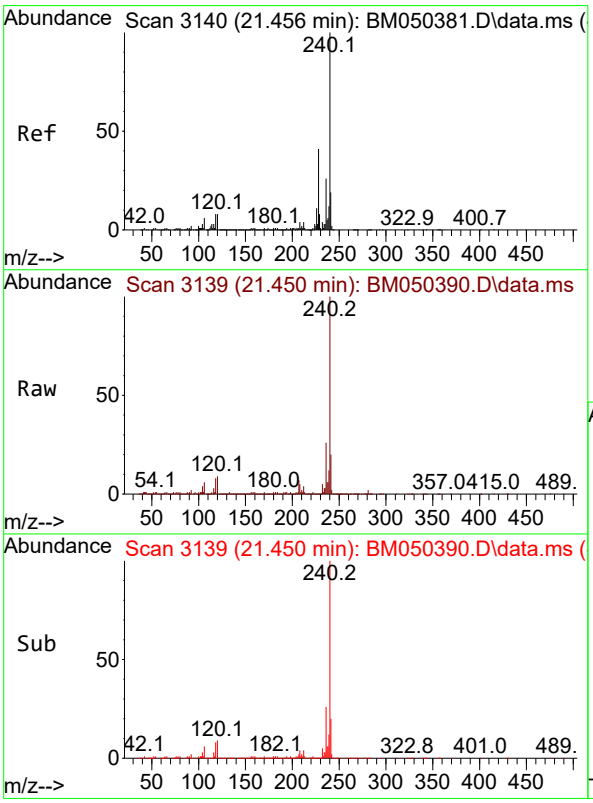
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion:188 Resp: 2509638

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.4	6.5	9.7

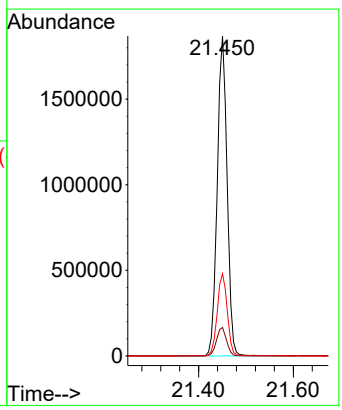


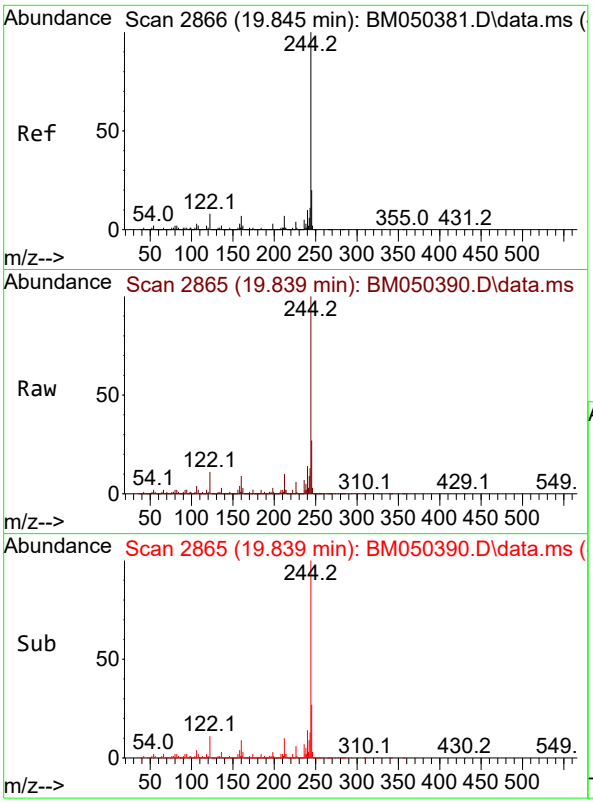


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:240 Resp: 2687321

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.7	10.1
236	25.7	20.7	31.1



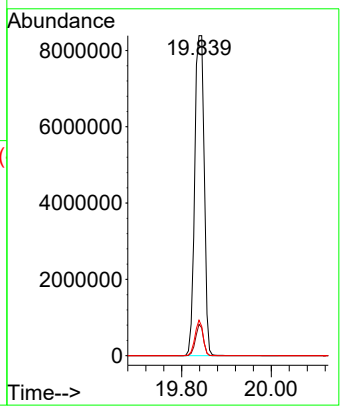


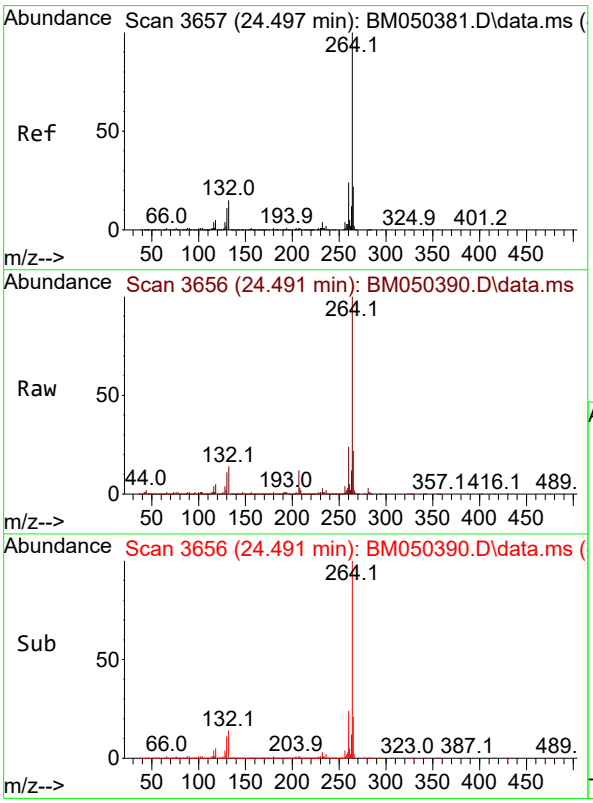
#79
Terphenyl-d14
Concen: 80.426 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Instrument :
BNA_M
ClientSampleId :
TP-79

Tgt Ion:244 Resp:12283967

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.7	8.5#
122	11.1	6.2	9.2#

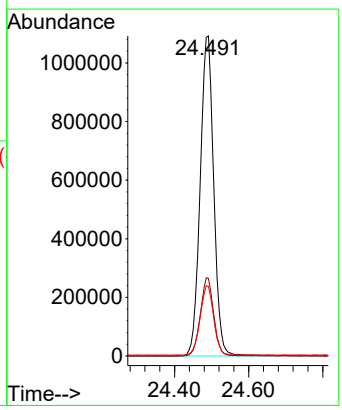




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050390.D
Acq: 10 Jul 2025 15:17

Tgt Ion:264 Resp: 2766874

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.8	26.6



Sample Results: **BM050390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

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

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

Signal : TIC: BM050390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	27	rVB	1771767	2453880	4.53%	1.136%
2	4.975	330	338	344	rBV	717847	1049421	1.94%	0.486%
3	5.440	408	417	427	rBV	8482264	12400742	22.91%	5.743%
4	7.022	677	686	703	rBV	8435992	13332626	24.63%	6.175%
5	7.863	822	829	836	rBV	1780215	2809234	5.19%	1.301%
6	9.016	1015	1025	1037	rBV	5197592	8373943	15.47%	3.878%
7	10.657	1296	1304	1312	rBV	2199531	3662763	6.77%	1.696%
8	13.116	1715	1722	1729	rBV	13016509	19458660	35.95%	9.012%
9	14.492	1949	1956	1962	rBV	3261733	4848226	8.96%	2.245%
10	15.727	2144	2166	2170	rBV2	680885	3191247	5.90%	1.478%
11	15.845	2181	2186	2200	rVB	1131155	1878519	3.47%	0.870%
12	15.968	2201	2207	2216	rBV	11694688	16676270	30.81%	7.723%
13	16.162	2219	2240	2284	rBV	12757873	54130850	100.00%	25.069%
14	17.221	2415	2420	2426	rBV2	4217992	5936069	10.97%	2.749%
15	18.127	2567	2574	2593	rBV	5792133	9342103	17.26%	4.326%
16	19.274	2761	2769	2781	rBV7	223799	721942	1.33%	0.334%
17	19.398	2785	2790	2811	rVV	2142503	3574094	6.60%	1.655%
18	19.839	2860	2865	2874	rVB	28439754	35710318	65.97%	16.538%
19	21.133	3080	3085	3098	rBV	1442860	2264765	4.18%	1.049%
20	21.450	3133	3139	3154	rBV	4915443	7262446	13.42%	3.363%
21	24.491	3647	3656	3668	rVB	2777810	6849487	12.65%	3.172%

Sum of corrected areas: 215927605

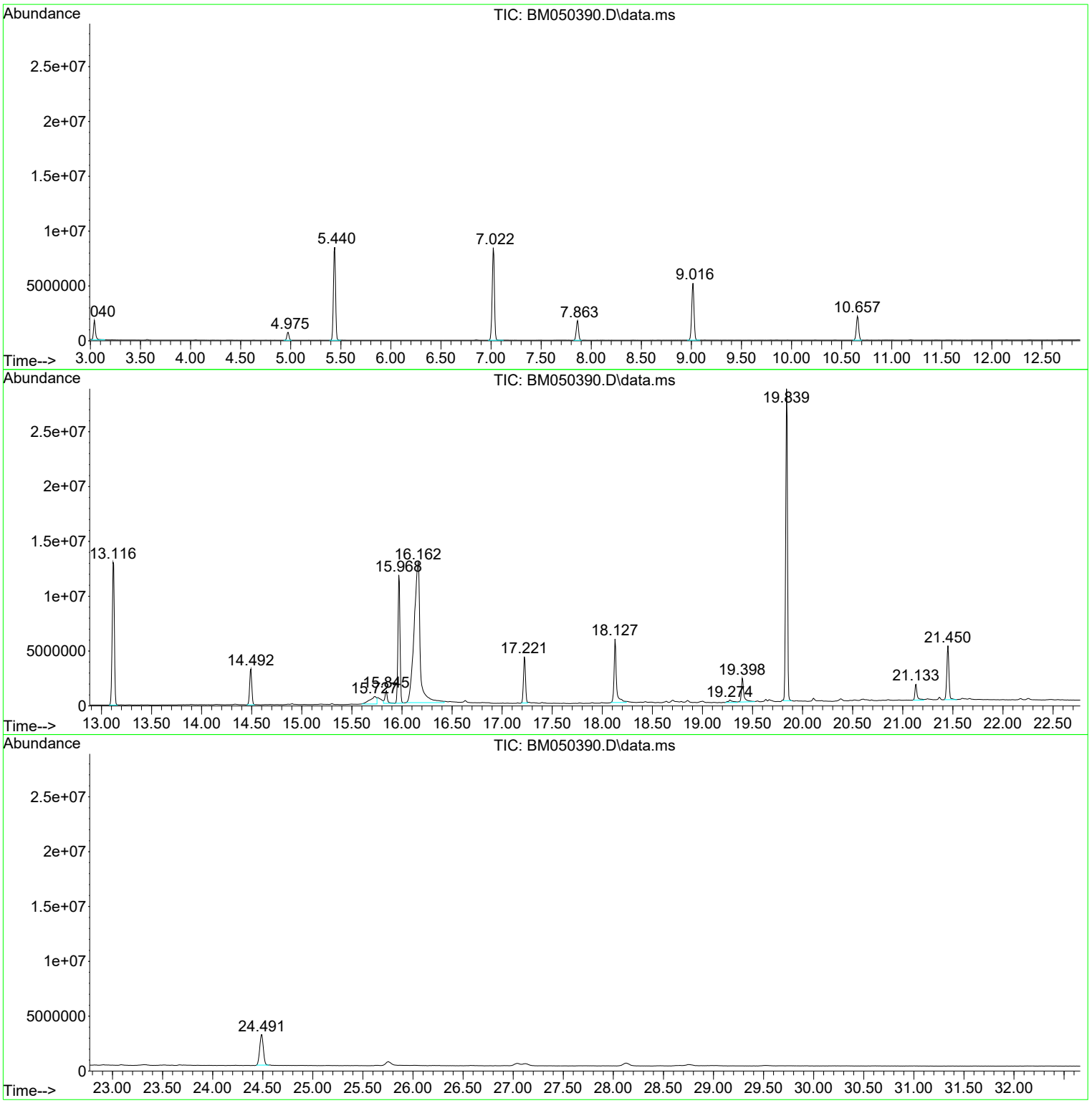
Sample Results: **BM050390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

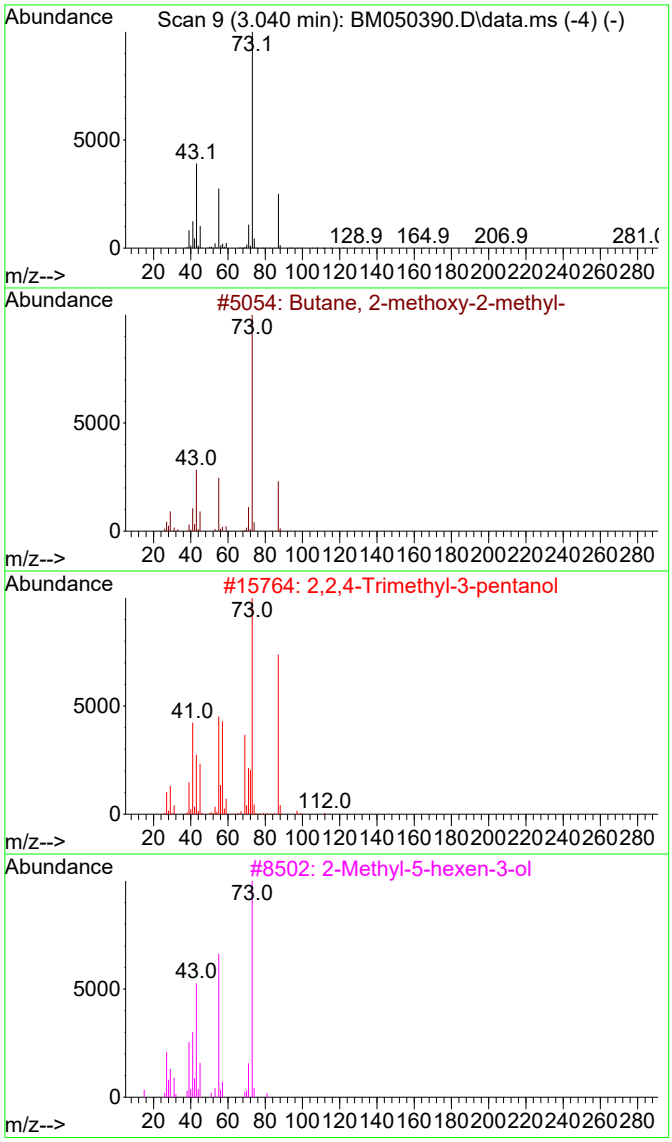
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

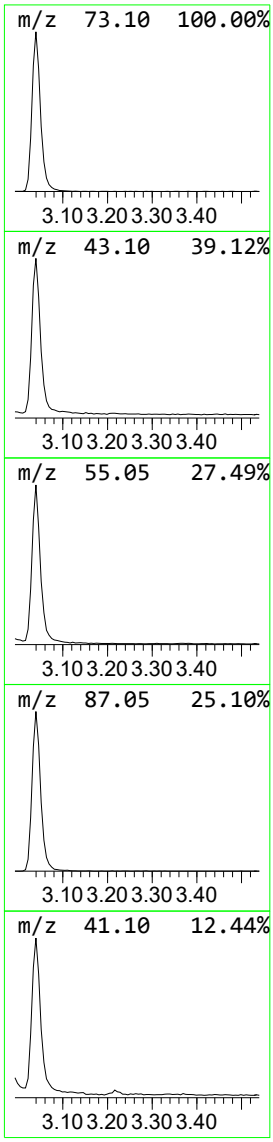
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	17.47 ng	2453880	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

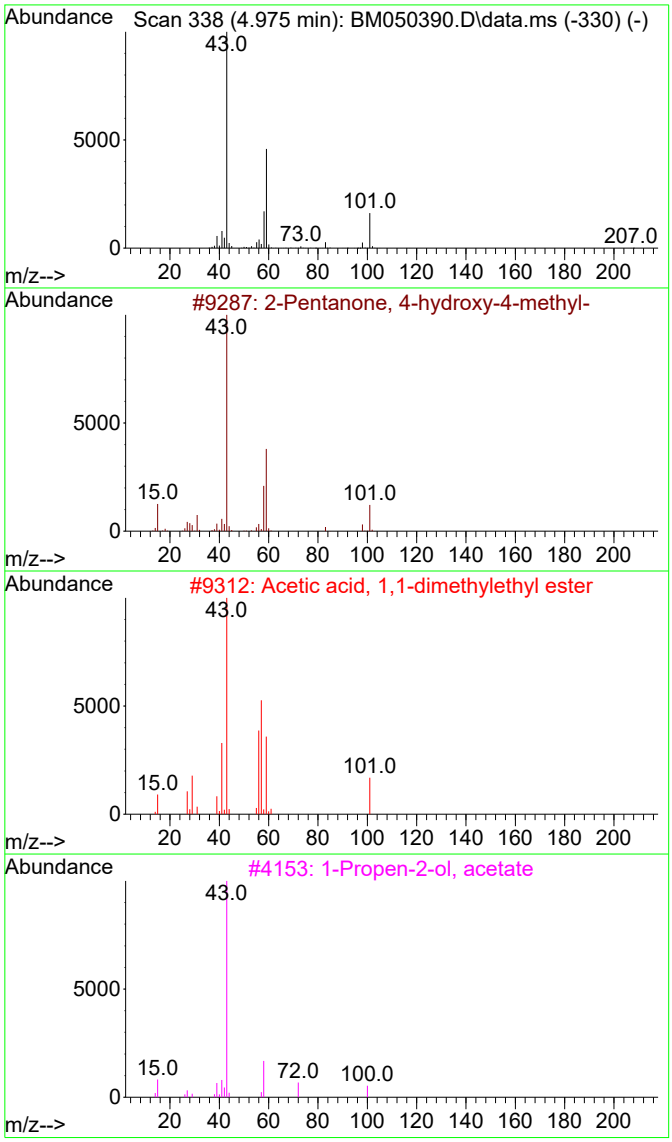
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

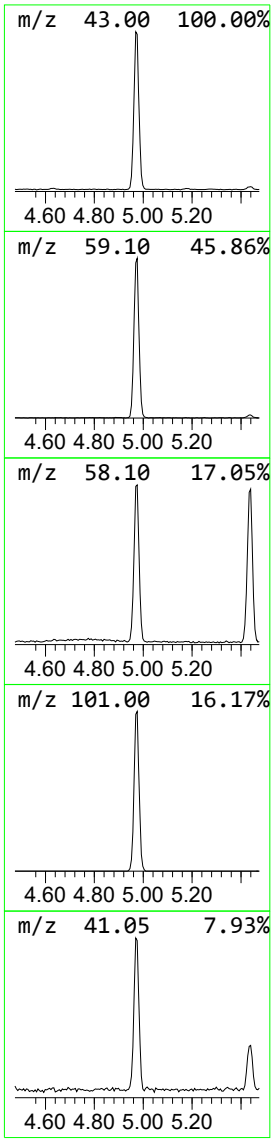
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	7.47 ng	1049420	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Butane	58	C4H10	000106-97-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

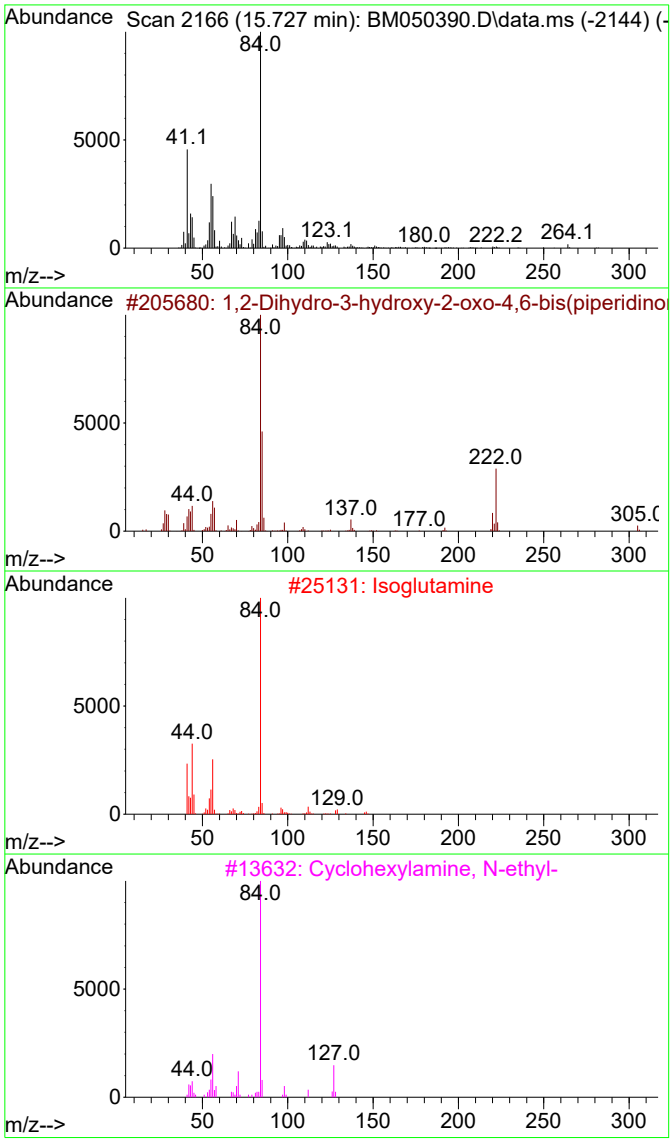
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

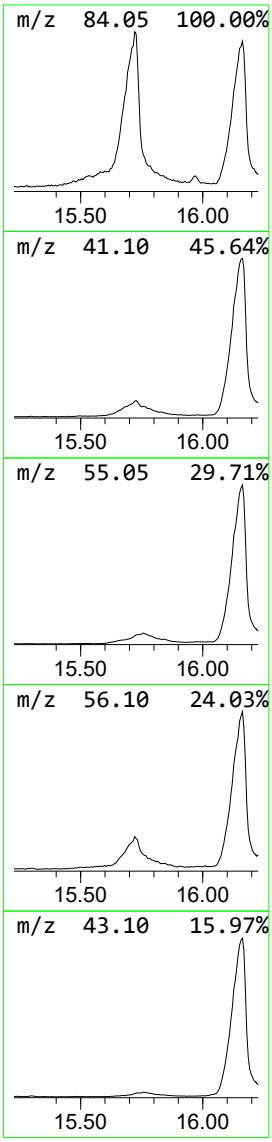
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,2-Dihydro-3-hydroxy-2-oxo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	13.16 ng	3191250	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-3-hydroxy-2-oxo-4,6-...	305	C17H27N3O2	020928-64-7	59
2	Isoglutamine	146	C5H10N2O3	000328-48-3	59
3	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	59
4	1-(Piperidin-2-yl)ethan-1-ol, ac...	171	C9H17NO2	1000505-56-6	58
5	1,3,2-Dioxaborolan-4-one, 2-ethy...	128	C5H9BO3	074646-14-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

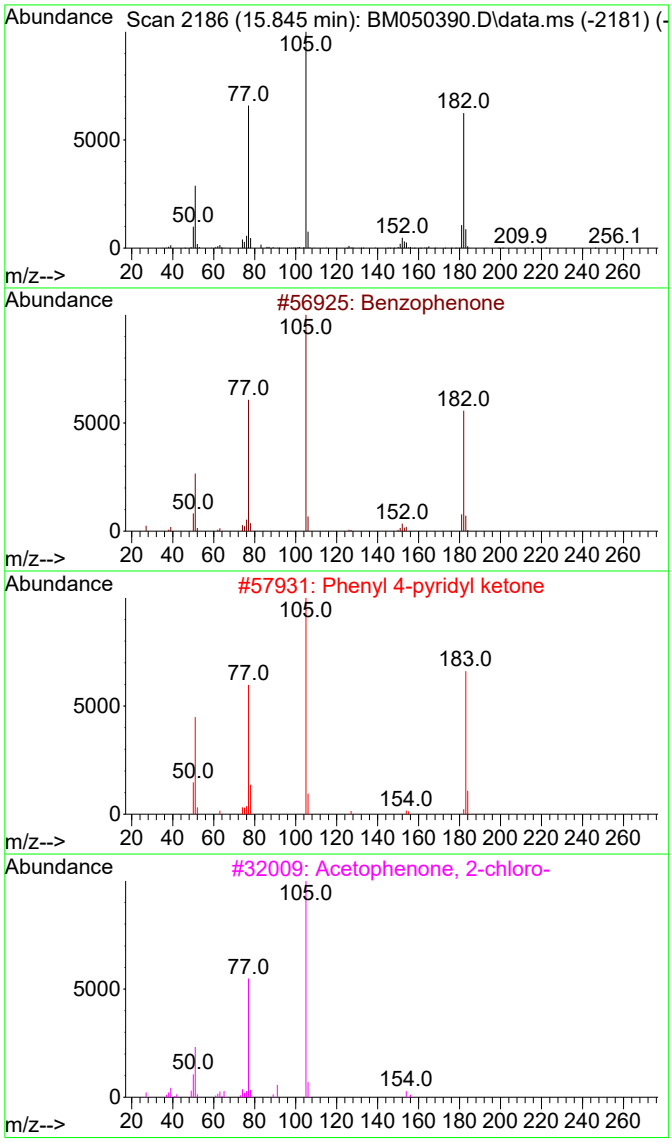
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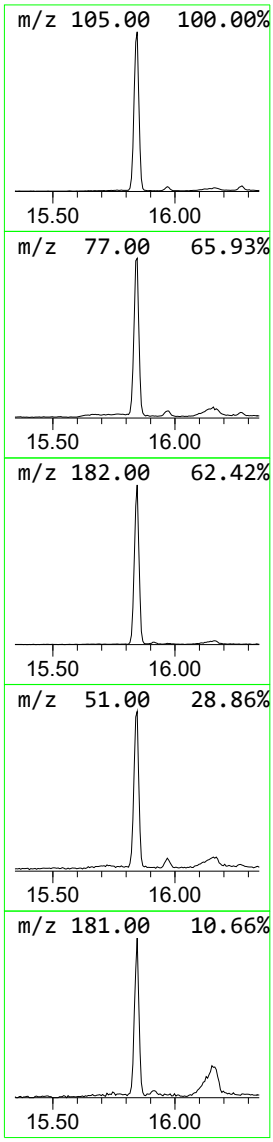
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Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	7.75 ng	1878520	Acenaphthene-d10	14.492

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	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

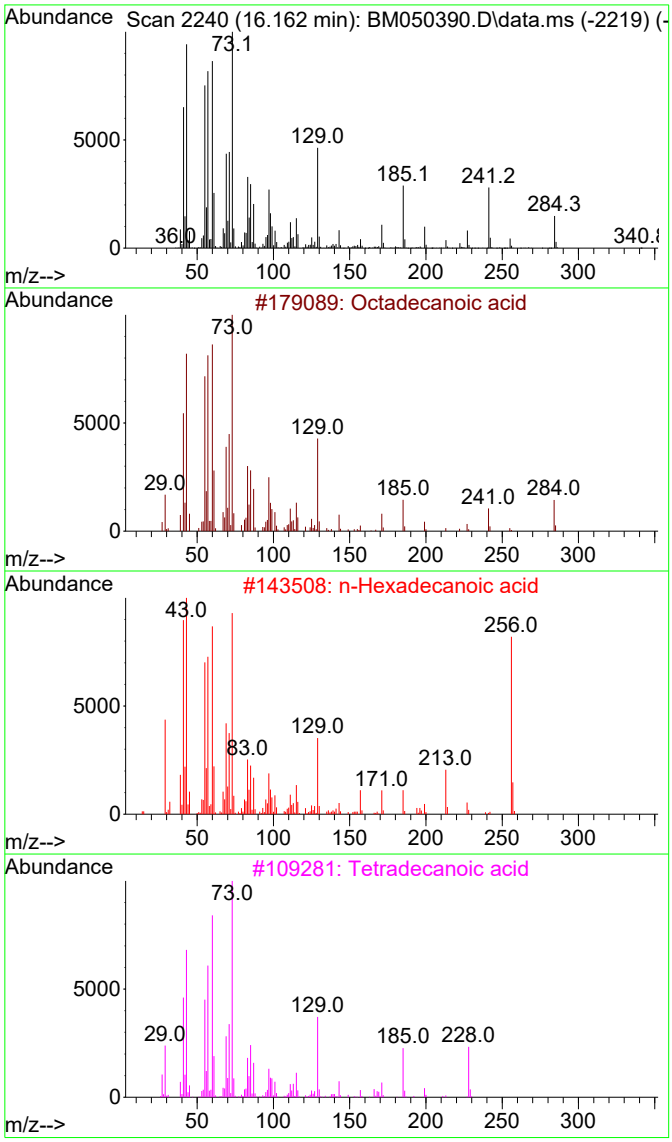
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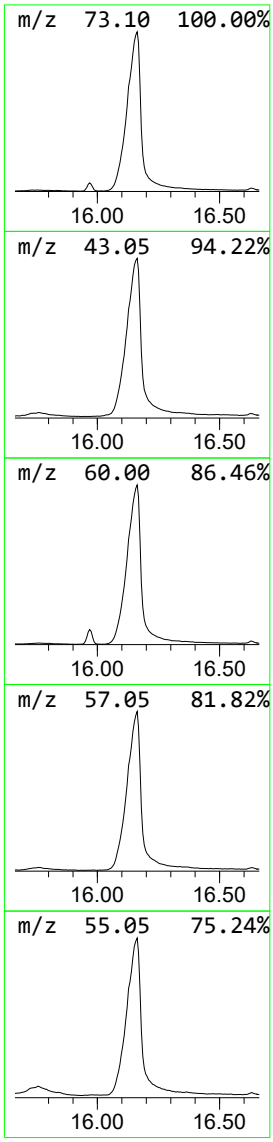
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Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.163	182.38 ng	54130900	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

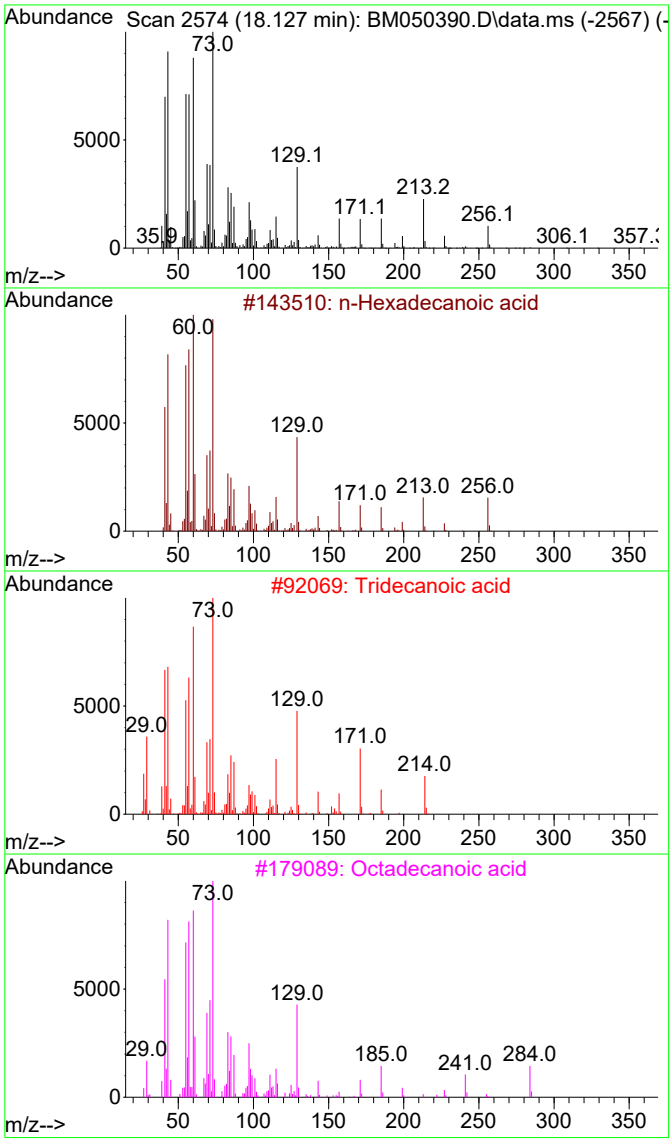
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TIC Integration Parameters: LSCINT.P

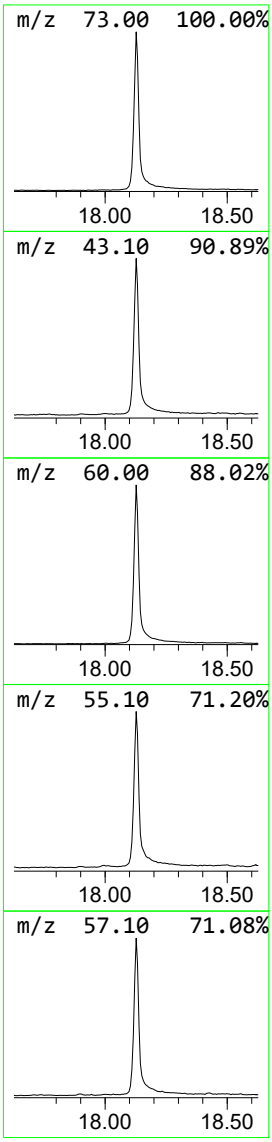
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	31.48 ng	9342100	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

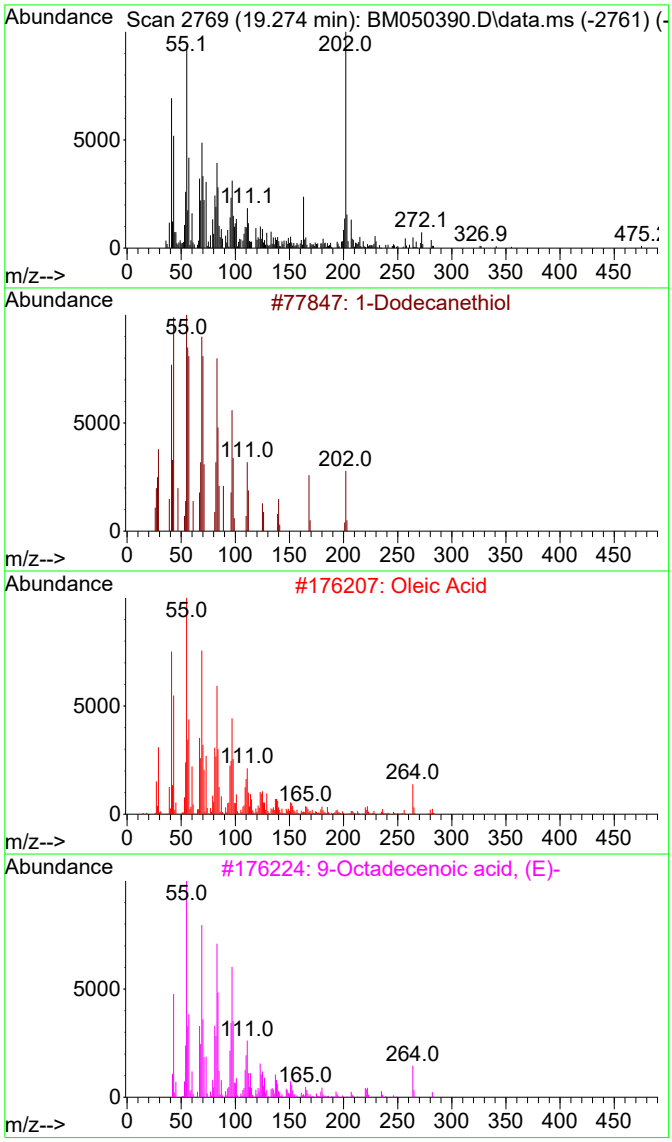
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TIC Integration Parameters: LSCINT.P

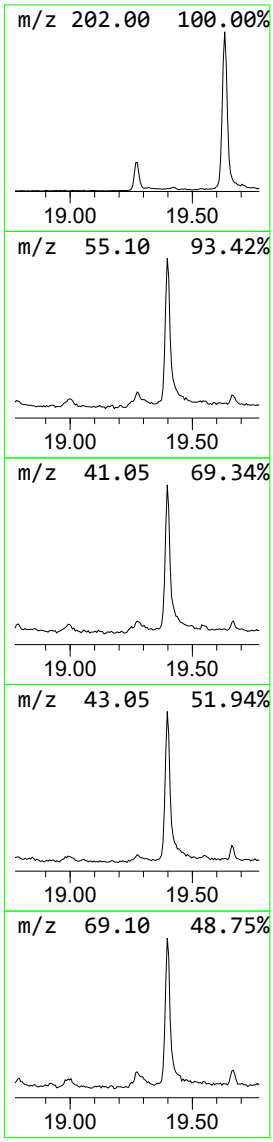
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Peak Number 7 1-Dodecanethiol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.274	2.43 ng	721942	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanethiol	202	C12H26S	000112-55-0	62
2	Oleic Acid	282	C18H34O2	000112-80-1	59
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	50
4	Pyrene	202	C16H10	000129-00-0	38
5	Fluoranthene	202	C16H10	000206-44-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

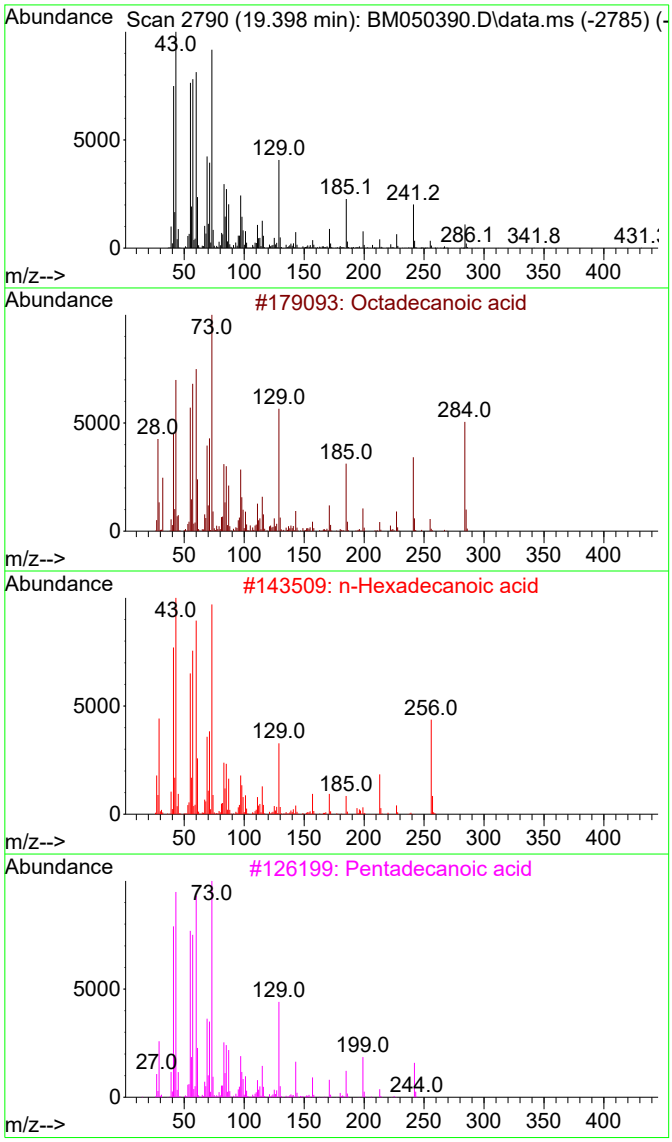
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TIC Integration Parameters: LSCINT.P

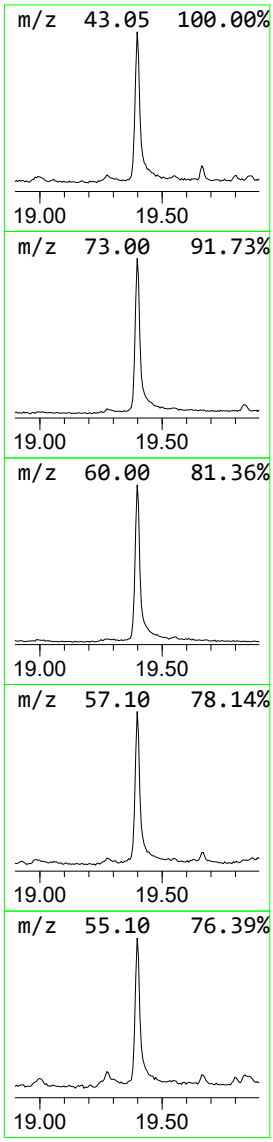
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Peak Number 8 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	9.84 ng	3574090	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

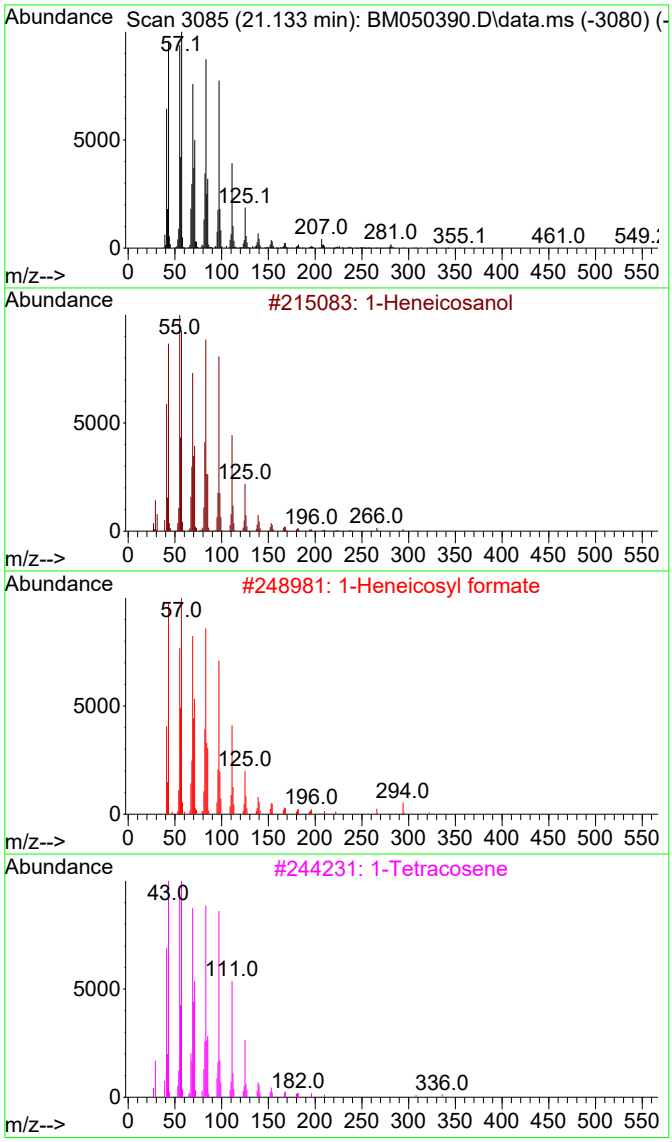
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TIC Integration Parameters: LSCINT.P

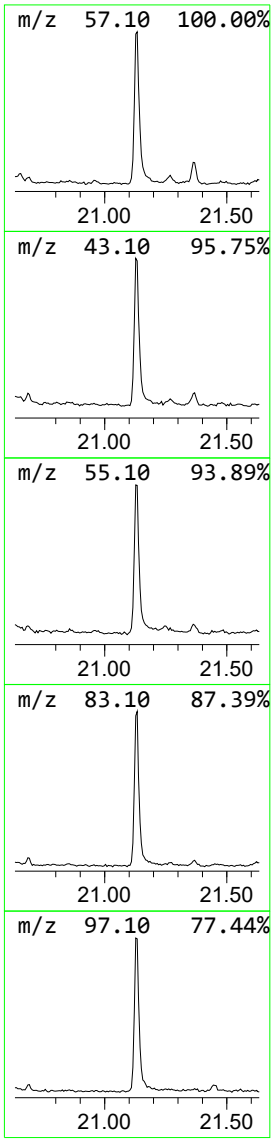
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Peak Number 9 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	6.24 ng	2264770	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Sample Results: **BM050390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050390.D
Acq On : 10 Jul 2025 15:17
Operator : RC/JU
Sample : Q2529-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-79

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	17.5	ng	2453880	1	7.863	2809230	20.0
2-Pentanone, 4-...	4.975	7.5	ng	1049420	1	7.863	2809230	20.0
1,2-Dihydro-3-h...	15.727	13.2	ng	3191250	3	14.492	4848230	20.0
Benzophenone	15.845	7.8	ng	1878520	3	14.492	4848230	20.0
Octadecanoic acid	16.163	182.4	ng	54130900	4	17.221	5936070	20.0
n-Hexadecanoic ...	18.127	31.5	ng	9342100	4	17.221	5936070	20.0
1-Dodecanethiol	19.274	2.4	ng	721942	4	17.221	5936070	20.0
Pentadecanoic acid	19.398	9.8	ng	3574090	5	21.450	7262450	20.0
1-Heneicosanol	21.133	6.2	ng	2264770	5	21.450	7262450	20.0

Raw Data: **BP025089.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-95	SDG No.:	Q2529
Lab Sample ID:	Q2529-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025089.D	1	07/09/25 08:55	07/10/25 19:03	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	190	U	190	390	ug/Kg
108-95-2	Phenol	26.4	U	26.4	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	29.0	U	29.0	200	ug/Kg
95-57-8	2-Chlorophenol	29.1	U	29.1	200	ug/Kg
95-48-7	2-Methylphenol	35.7	U	35.7	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.7	U	44.7	200	ug/Kg
98-86-2	Acetophenone	35.2	U	35.2	200	ug/Kg
65794-96-9	3+4-Methylphenols	49.0	U	49.0	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.5	U	56.5	95.4	ug/Kg
67-72-1	Hexachloroethane	21.0	U	21.0	200	ug/Kg
98-95-3	Nitrobenzene	21.8	U	21.8	200	ug/Kg
78-59-1	Isophorone	39.1	UQ	39.1	200	ug/Kg
88-75-5	2-Nitrophenol	69.4	U	69.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	77.3	U	77.3	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.7	U	36.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.8	U	33.8	200	ug/Kg
91-20-3	Naphthalene	27.1	U	27.1	200	ug/Kg
106-47-8	4-Chloroaniline	42.2	U	42.2	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.2	U	30.2	200	ug/Kg
105-60-2	Caprolactam	62.1	U	62.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.2	U	34.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.5	U	30.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	UQ	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.6	UQ	23.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.7	UQ	34.7	200	ug/Kg
92-52-4	1,1-Biphenyl	26.0	U	26.0	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.8	U	26.8	200	ug/Kg
88-74-4	2-Nitroaniline	57.4	U	57.4	200	ug/Kg
131-11-3	Dimethylphthalate	32.3	U	32.3	200	ug/Kg

Raw Data: **BP025089.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-95	SDG No.:	Q2529
Lab Sample ID:	Q2529-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025089.D	1	07/09/25 08:55	07/10/25 19:03	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.5	UQ	34.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	40.1	UQ	40.1	200	ug/Kg
99-09-2	3-Nitroaniline	54.9	U	54.9	200	ug/Kg
83-32-9	Acenaphthene	25.4	U	25.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	27.1	U	27.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	200	ug/Kg
84-66-2	Diethylphthalate	33.8	U	33.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.8	U	31.8	200	ug/Kg
86-73-7	Fluorene	30.2	U	30.2	200	ug/Kg
100-01-6	4-Nitroaniline	76.6	UQ	76.6	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.2	UQ	39.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.2	U	33.2	200	ug/Kg
118-74-1	Hexachlorobenzene	30.2	UQ	30.2	200	ug/Kg
1912-24-9	Atrazine	40.6	U	40.6	200	ug/Kg
87-86-5	Pentachlorophenol	61.2	UQ	61.2	390	ug/Kg
85-01-8	Phenanthrene	24.9	U	24.9	200	ug/Kg
120-12-7	Anthracene	39.7	UQ	39.7	200	ug/Kg
86-74-8	Carbazole	37.2	UQ	37.2	200	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	UQ	57.1	200	ug/Kg
206-44-0	Fluoranthene	35.8	U	35.8	200	ug/Kg
129-00-0	Pyrene	42.9	U	42.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	85.2	U	85.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.8	U	43.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.4	U	27.4	200	ug/Kg
218-01-9	Chrysene	23.7	U	23.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70.6	U	70.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.7	U	22.7	200	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-95	SDG No.:	Q2529
Lab Sample ID:	Q2529-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025089.D	1	07/09/25 08:55	07/10/25 19:03	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.7	U	26.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.2	UQ	35.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.7	UQ	34.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.7	U	32.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.7	U	30.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.5	U	30.5	200	ug/Kg
123-91-1	1,4-Dioxane	53.9	U	53.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.7	U	32.7	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	77.0		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	75.7		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.9		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.7		20 - 109	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.6		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	49.7		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	552000	7.443			
1146-65-2	Naphthalene-d8	2210000	10.19			
15067-26-2	Acenaphthene-d10	1400000	14.095			
1517-22-2	Phenanthrene-d10	2850000	16.913			
1719-03-5	Chrysene-d12	3150000	21.324			
1520-96-3	Perylene-d12	3310000	24.46			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	AB		4.66	ug/Kg
000119-61-9	Benzophenone	140	J		15.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	130	J		17.9	ug/Kg

Raw Data: **BP025089.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	07/07/25
Project:	South River WM Replacement			Date Received:	07/08/25
Client Sample ID:	TP-95			SDG No.:	Q2529
Lab Sample ID:	Q2529-04			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	83.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025089.D	1	07/09/25 08:55	07/10/25 19:03	PB168767

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: **BP025089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

Quant Time: Jul 11 02:31:33 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

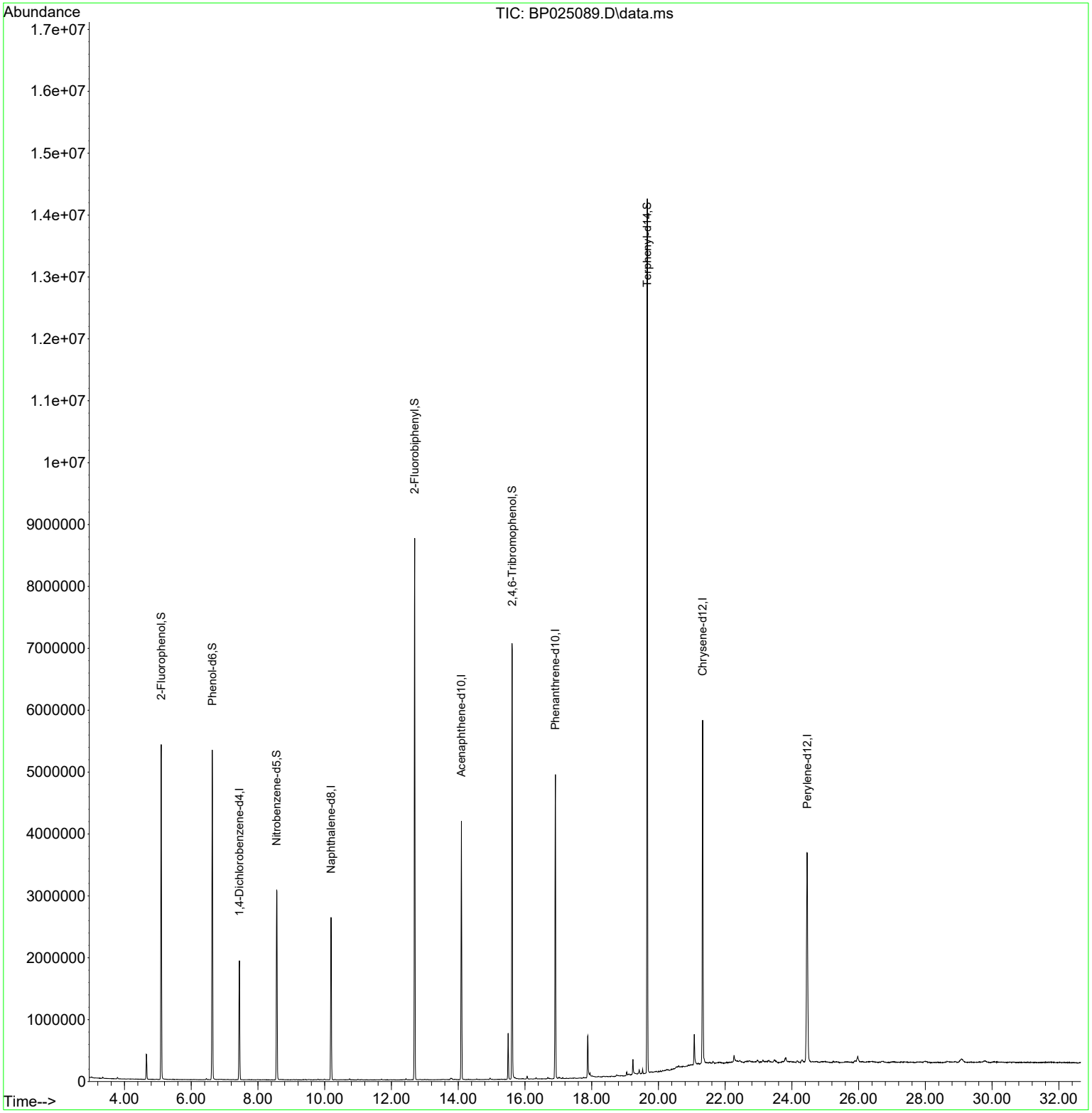
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	552278	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2209292	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1404886	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2847974	20.000	ng	0.00
76) Chrysene-d12	21.324	240	3149269	20.000	ng	-0.02
86) Perylene-d12	24.460	264	3314385	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2398498	76.950	ng	0.00
7) Phenol-d6	6.631	99	3081074	75.747	ng	0.00
23) Nitrobenzene-d5	8.560	82	1790599	53.901	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1403652	84.576	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	4326211	47.705	ng	0.00
79) Terphenyl-d14	19.666	244	7121920	49.702	ng	0.00
Target Compounds						Qvalue

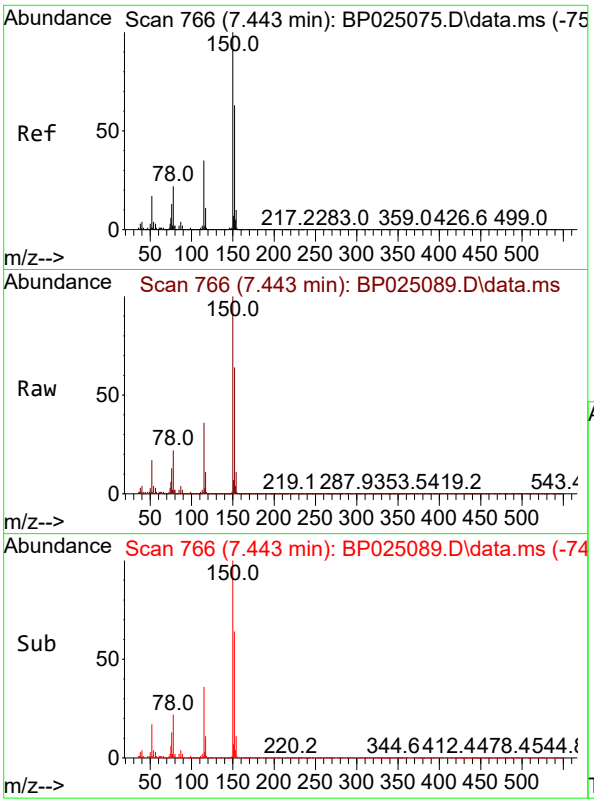
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

Quant Time: Jul 11 02:31:33 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



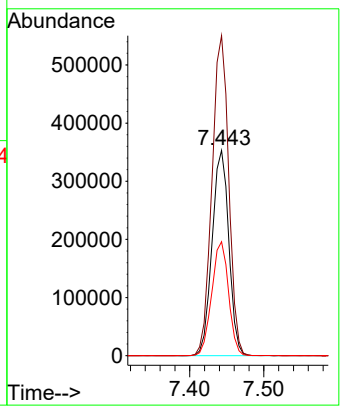


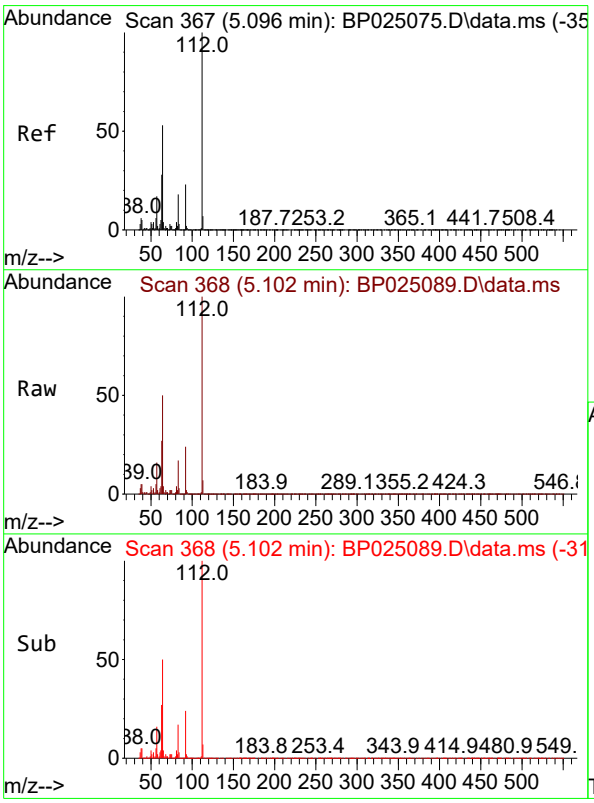
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion:152 Resp: 552278

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.1	189.1
115	55.5	44.3	66.5

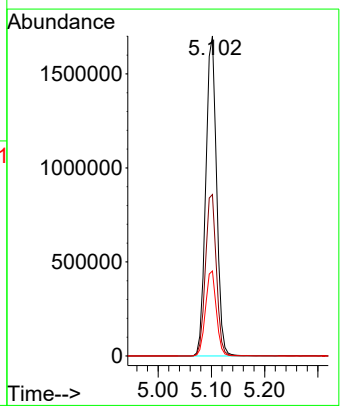


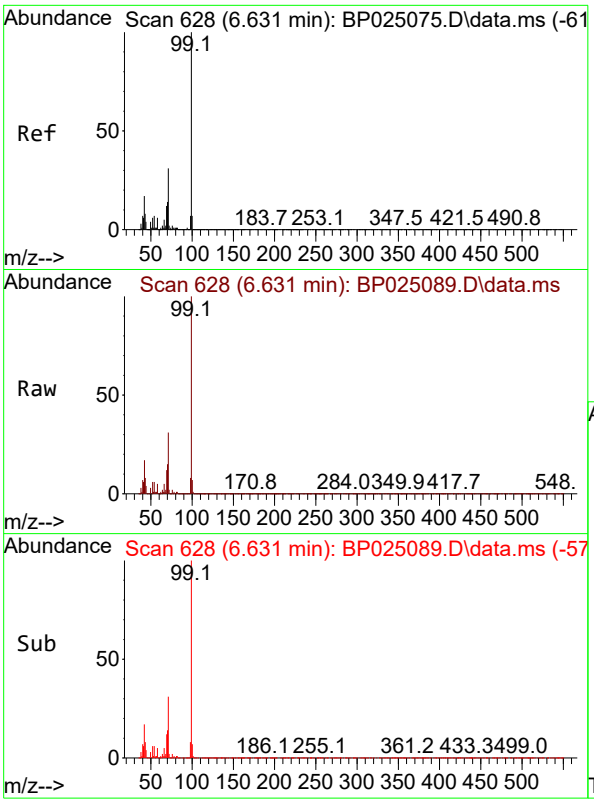


#5
2-Fluorophenol
Concen: 76.950 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:112 Resp: 2398498

Ion	Ratio	Lower	Upper
112	100		
64	50.5	42.0	63.0
63	26.6	22.2	33.2



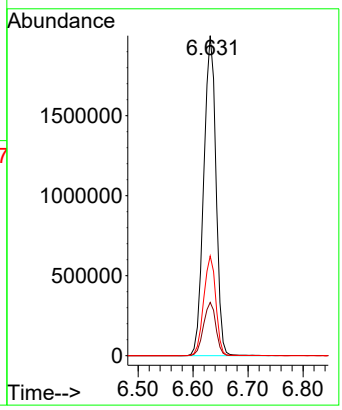


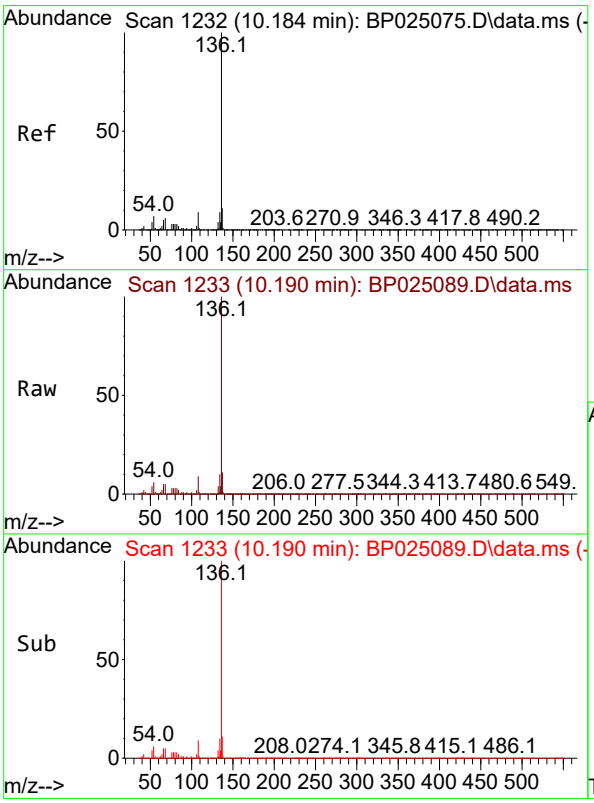
#7
Phenol-d6
Concen: 75.747 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion: 99 Resp: 3081074

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	31.2	24.4	36.6

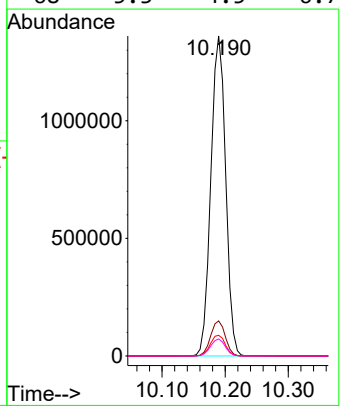


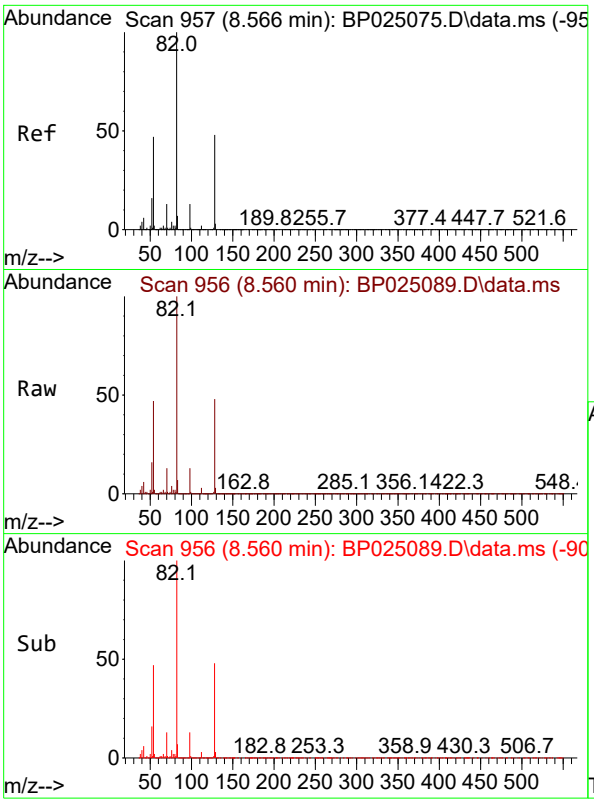


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:136 Resp: 2209292

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.4	5.4	8.2
68	5.3	4.5	6.7



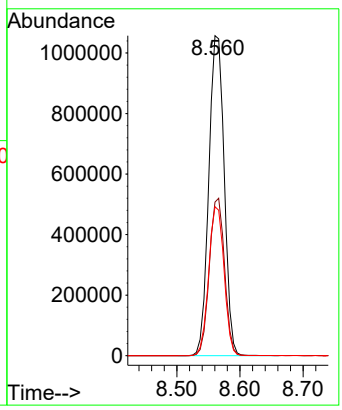


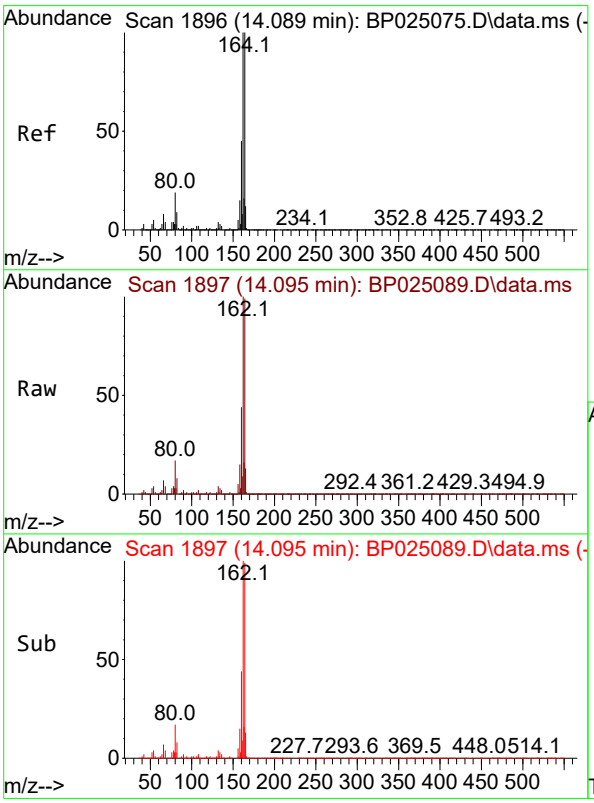
#23
Nitrobenzene-d5
Concen: 53.901 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion: 82 Resp: 1790599

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	46.6	37.8	56.6

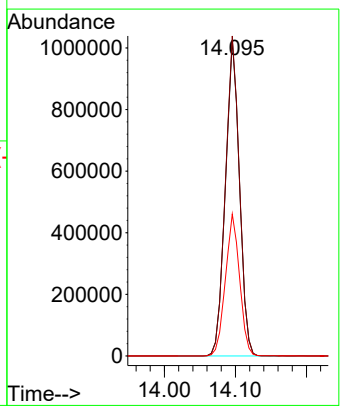


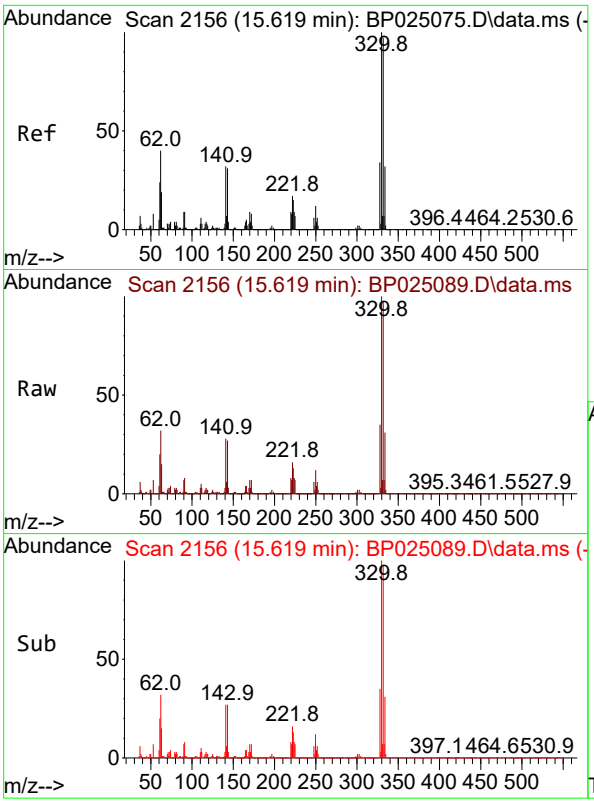


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:164 Resp: 1404886

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	44.9	35.9	53.9



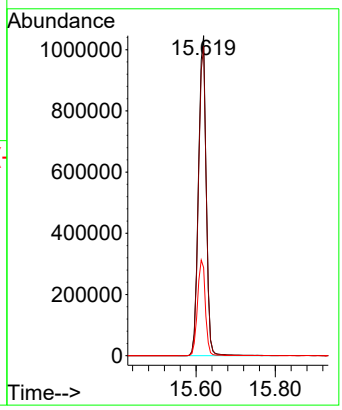


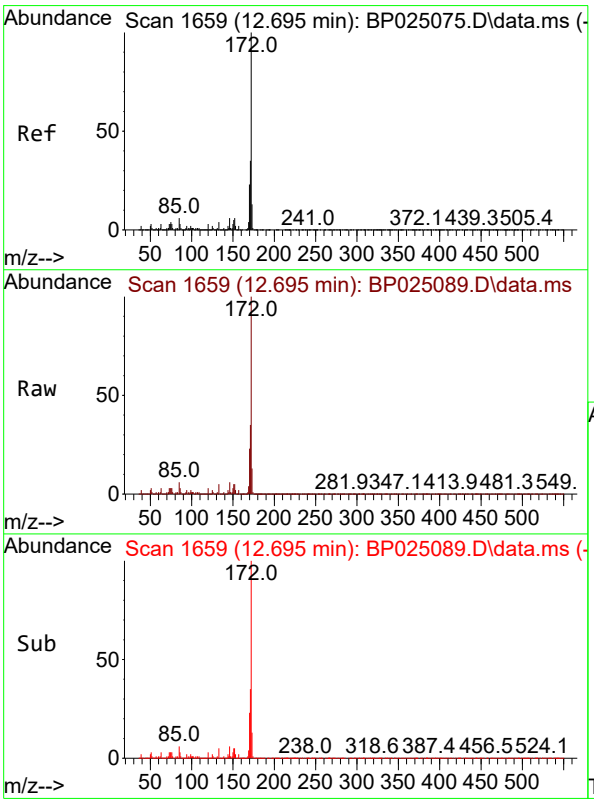
#42
2,4,6-Tribromophenol
Concen: 84.576 ng
RT: 15.619 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion:330 Resp: 1403652

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	30.5	26.0	39.0

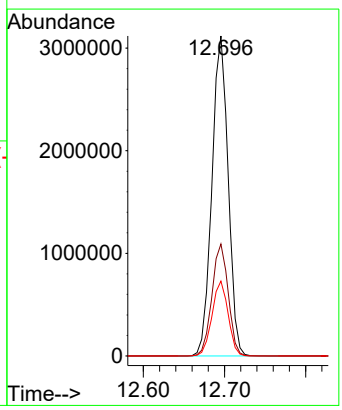


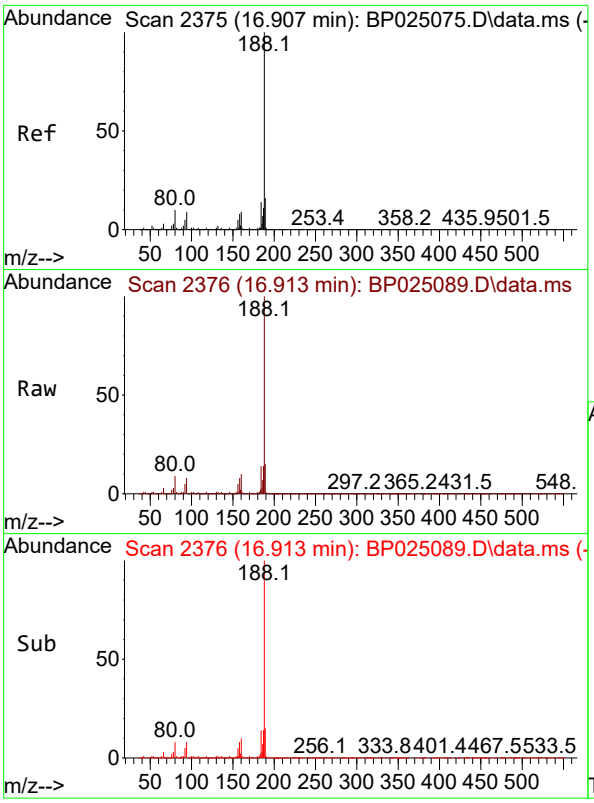


#45
2-Fluorobiphenyl
Concen: 47.705 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:172 Resp: 4326211

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.4	18.7	28.1



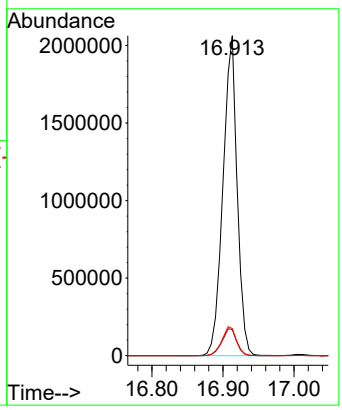


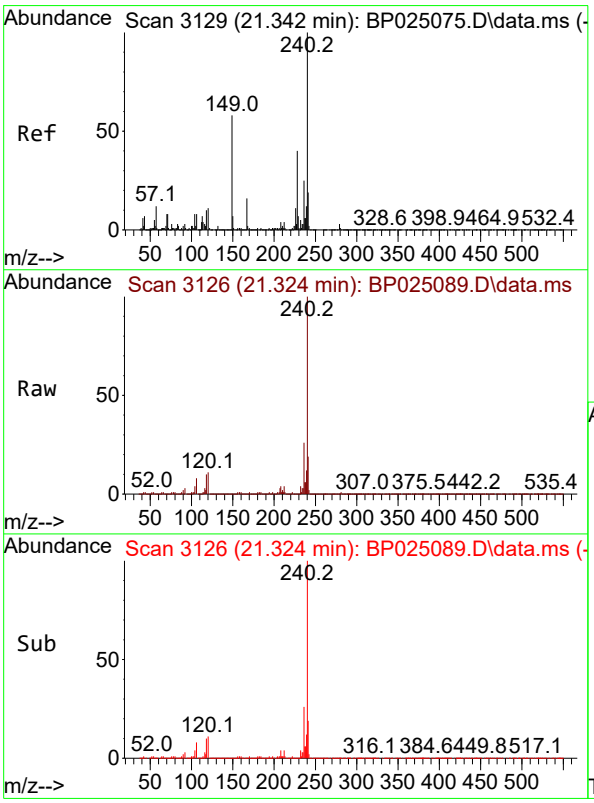
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion:188 Resp: 2847974

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.3	10.9
80	8.5	7.8	11.6

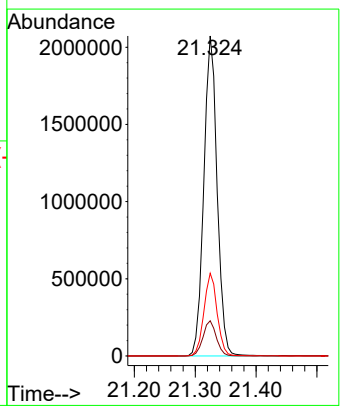


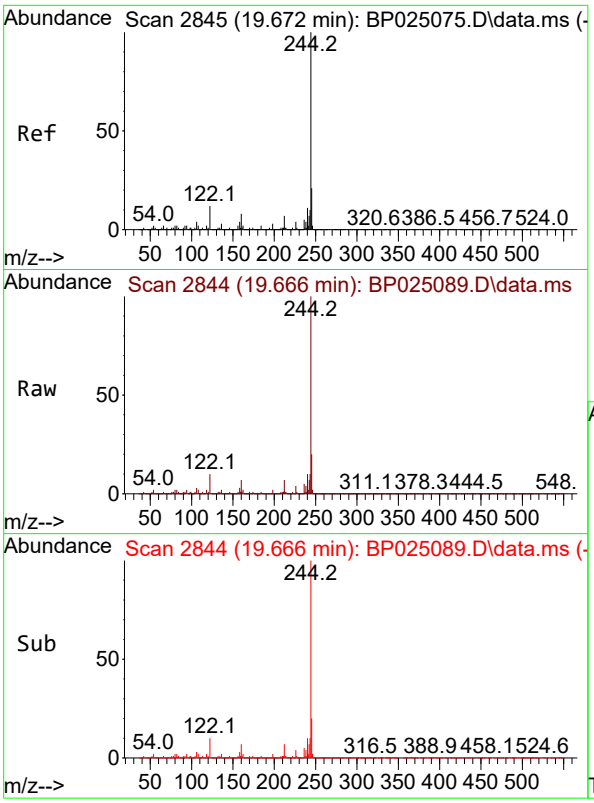


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.324 min Scan# 3126
Delta R.T. -0.018 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:240 Resp: 3149269

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.8	20.3	30.5



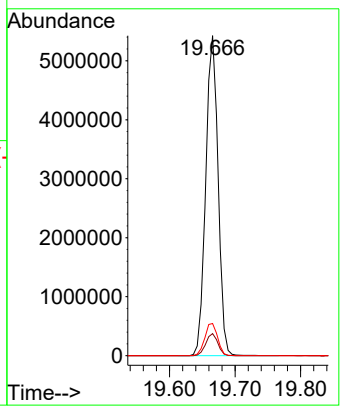


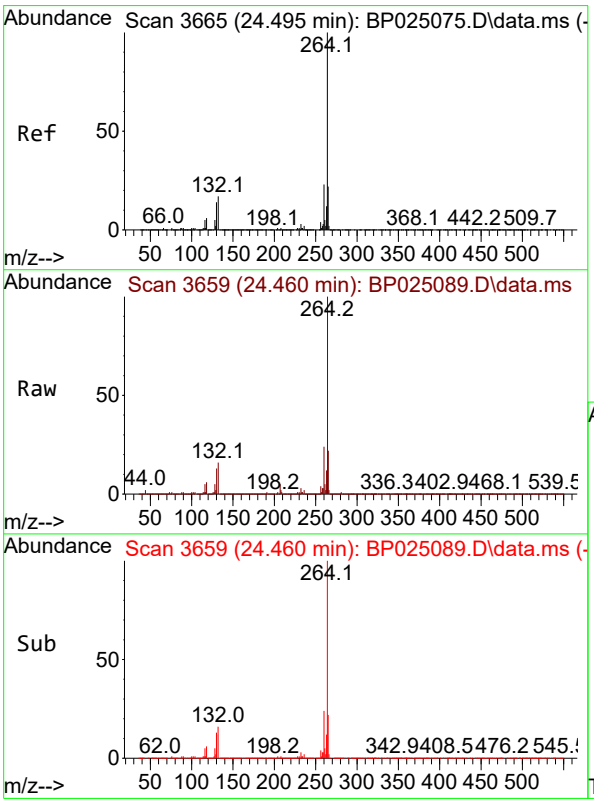
#79
Terphenyl-d14
Concen: 49.702 ng
RT: 19.666 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Instrument :
BNA_P
ClientSampleId :
TP-95

Tgt Ion:244 Resp: 7121920

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.0	9.4	14.2

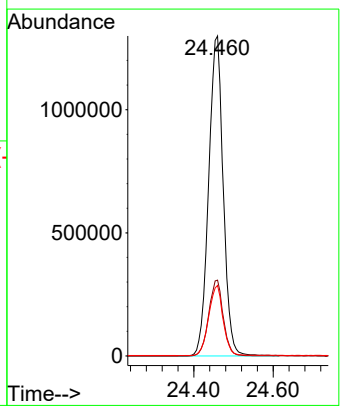




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3659
Delta R.T. -0.035 min
Lab File: BP025089.D
Acq: 10 Jul 2025 19:03

Tgt Ion:264 Resp: 3314385

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.0	17.7	26.5



Sample Results: **BP025089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

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

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

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

Signal : TIC: BP025089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.655	287	292	300	rVB	404179	591414	3.16%	0.573%
2	5.102	361	368	386	rBV	5410406	7685698	41.12%	7.452%
3	6.631	619	628	641	rBV	5327608	8317976	44.50%	8.065%
4	7.443	758	766	775	rBV	1923266	3027990	16.20%	2.936%
5	8.560	946	956	967	rBV	3072790	5263797	28.16%	5.104%
6	10.190	1225	1233	1241	rBV	2624368	4279276	22.89%	4.149%
7	12.696	1652	1659	1670	rBV	8747864	12099070	64.73%	11.732%
8	14.095	1888	1897	1905	rBV	4174437	5807118	31.07%	5.631%
9	15.495	2128	2135	2143	rBV	745886	1019887	5.46%	0.989%
10	15.613	2148	2155	2168	rBV	7040076	9946378	53.21%	9.644%
11	16.913	2368	2376	2382	rBV	4912693	6881380	36.81%	6.672%
12	17.883	2534	2541	2549	rBV	683013	1155494	6.18%	1.120%
13	19.236	2766	2771	2790	rBV	243194	416988	2.23%	0.404%
14	19.666	2838	2844	2854	rBV	14126178	18693017	100.00%	18.125%
15	21.072	3079	3083	3094	rBV	483653	795954	4.26%	0.772%
16	21.324	3119	3126	3139	rBV	5534368	8618423	46.11%	8.357%
17	24.454	3649	3658	3672	rVB	3368292	8532975	45.65%	8.274%

Sum of corrected areas: 103132835

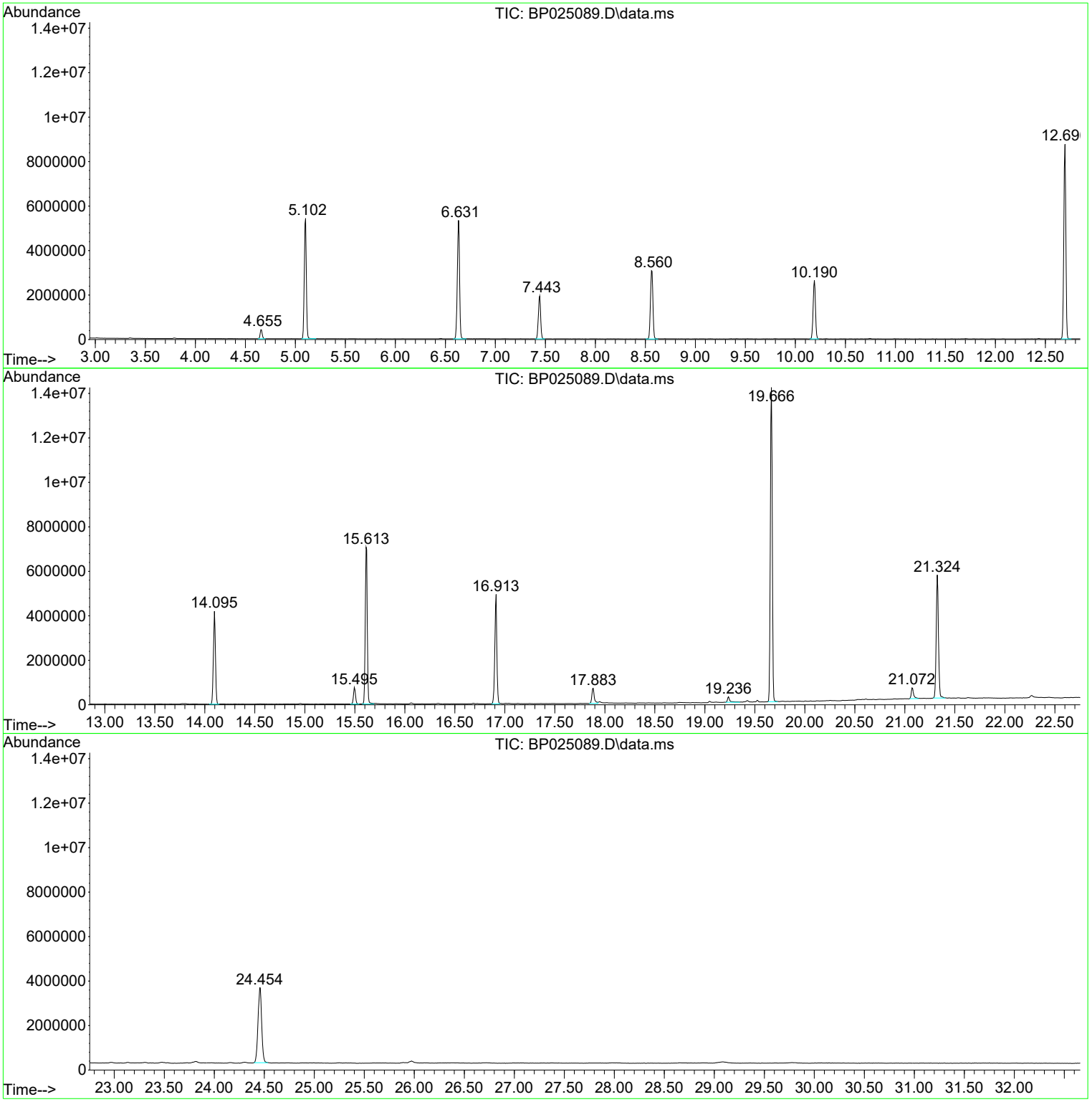
Sample Results: **BP025089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

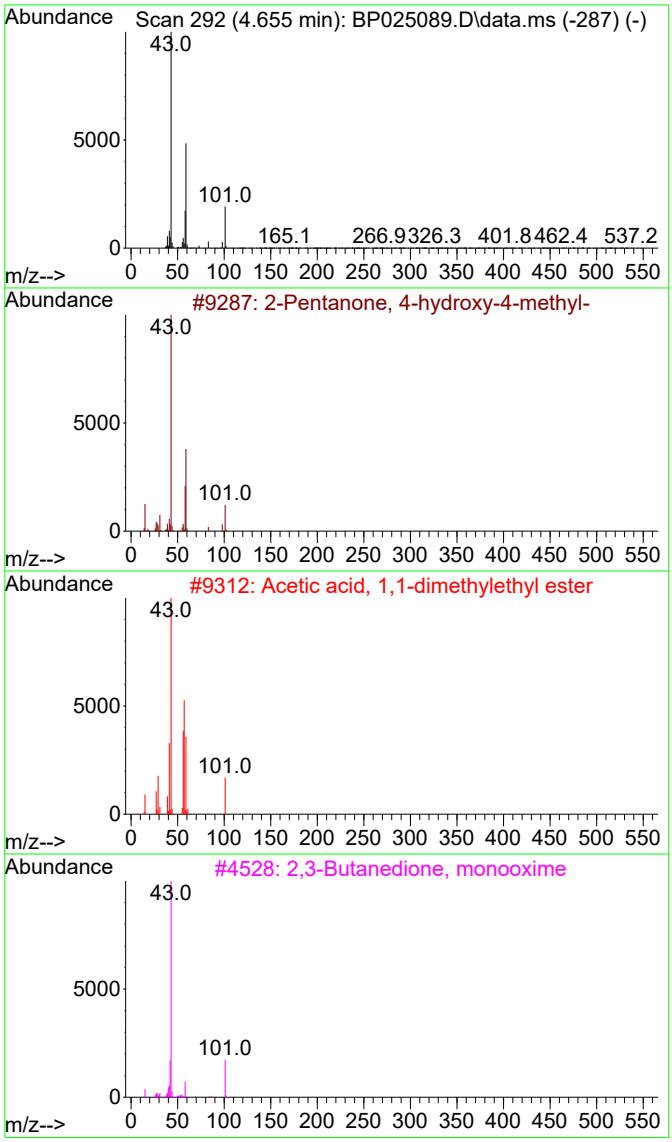
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

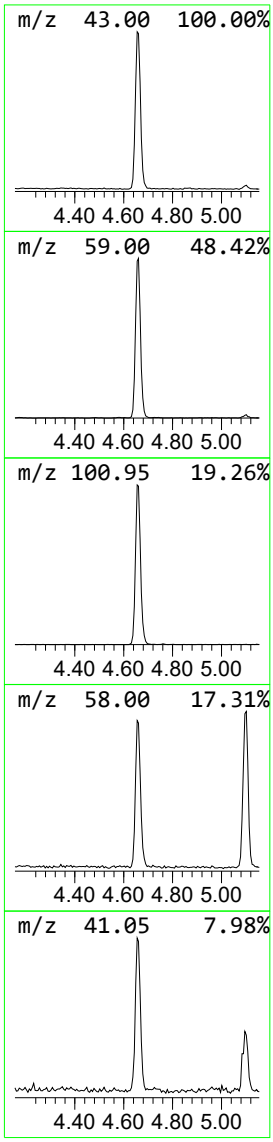
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.655	3.91 ng	591414	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetone	58	C3H6O	000067-64-1	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

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

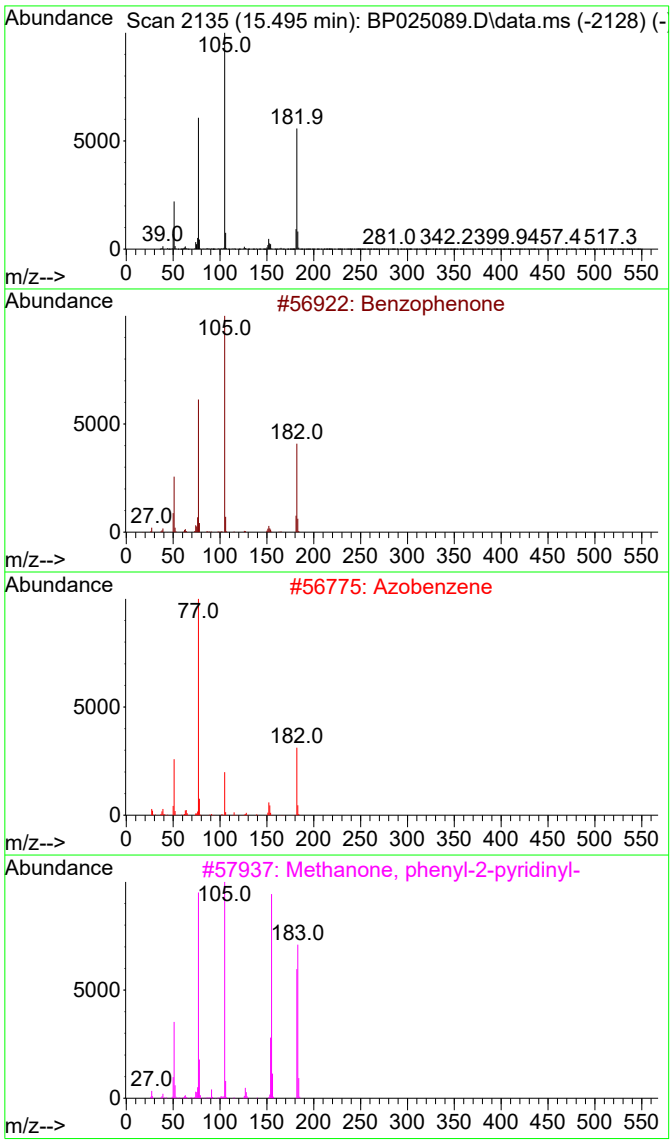
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

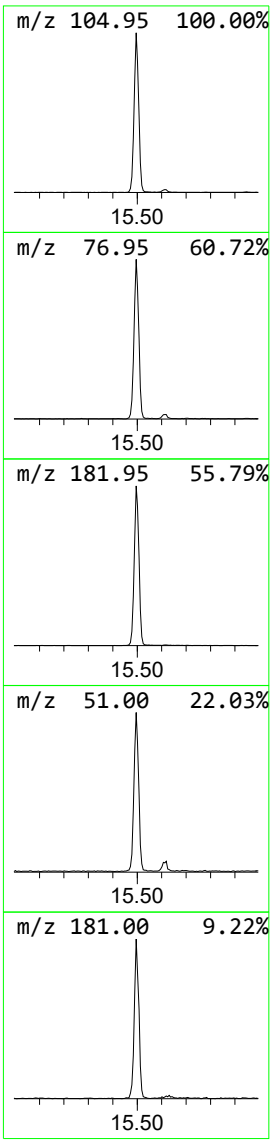
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.495	3.51 ng	1019890	Acenaphthene-d10	14.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

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

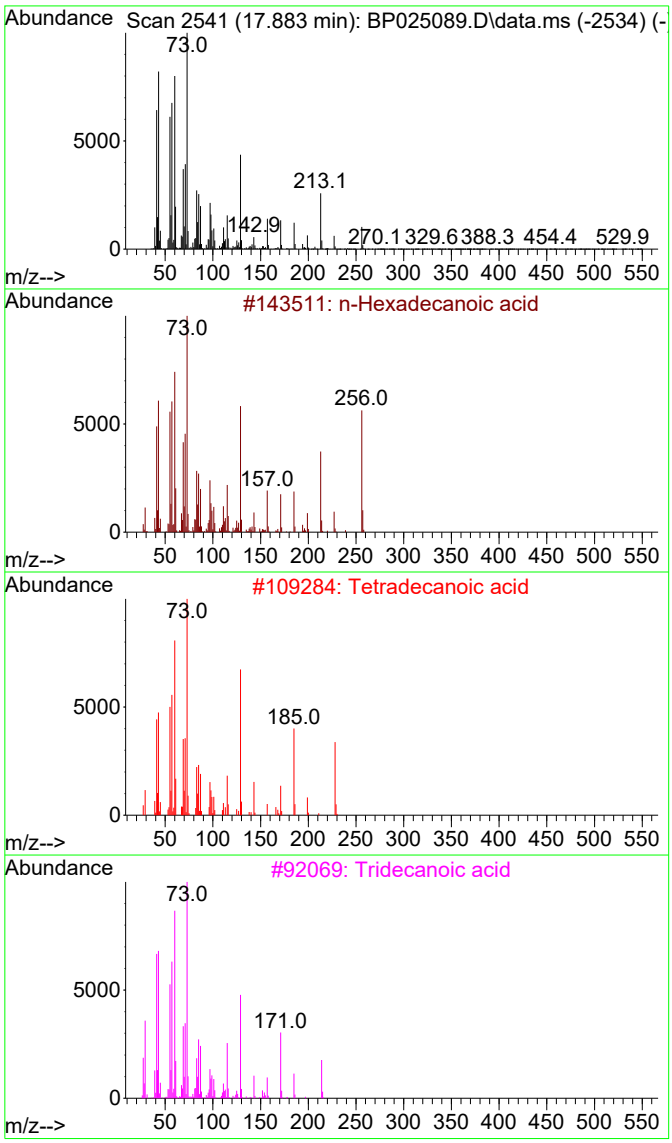
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

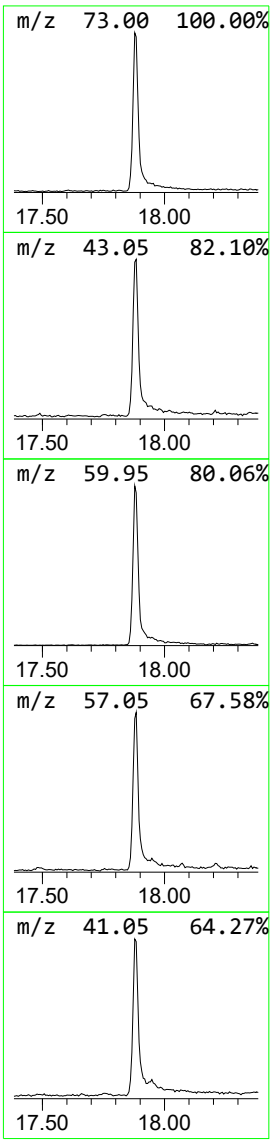
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.884	3.36 ng	1155490	Phenanthrene-d10	16.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Sample Results: **BP025089.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025089.D
Acq On : 10 Jul 2025 19:03
Operator : CG/JU
Sample : Q2529-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-95

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.655	3.9	ng	591414	1	7.443	3027990	20.0
Benzophenone	15.495	3.5	ng	1019890	3	14.095	5807120	20.0
n-Hexadecanoic ...	17.884	3.4	ng	1155490	4	16.913	6881380	20.0

Raw Data: **BM050391.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-98	SDG No.:	Q2529
Lab Sample ID:	Q2529-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.9
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
BM050391.D	1	07/09/25 08:55	07/10/25 15:57	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.4	U	25.4	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.0	U	28.0	200	ug/Kg
95-57-8	2-Chlorophenol	28.1	U	28.1	200	ug/Kg
95-48-7	2-Methylphenol	34.4	U	34.4	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.1	U	43.1	200	ug/Kg
98-86-2	Acetophenone	33.9	U	33.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	47.3	U	47.3	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.5	U	54.5	92.0	ug/Kg
67-72-1	Hexachloroethane	20.2	U	20.2	200	ug/Kg
98-95-3	Nitrobenzene	21.1	U	21.1	200	ug/Kg
78-59-1	Isophorone	37.7	UQ	37.7	200	ug/Kg
88-75-5	2-Nitrophenol	67.0	U	67.0	200	ug/Kg
105-67-9	2,4-Dimethylphenol	74.5	U	74.5	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.4	U	35.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	32.6	U	32.6	200	ug/Kg
91-20-3	Naphthalene	26.1	U	26.1	200	ug/Kg
106-47-8	4-Chloroaniline	40.7	U	40.7	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.1	U	29.1	200	ug/Kg
105-60-2	Caprolactam	59.9	U	59.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.0	U	33.0	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.4	U	29.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.8	UQ	22.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.5	UQ	33.5	200	ug/Kg
92-52-4	1,1-Biphenyl	25.1	U	25.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	25.9	U	25.9	200	ug/Kg
88-74-4	2-Nitroaniline	55.3	U	55.3	200	ug/Kg
131-11-3	Dimethylphthalate	31.2	U	31.2	200	ug/Kg

Raw Data: **BM050391.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-98	SDG No.:	Q2529
Lab Sample ID:	Q2529-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.9
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
BM050391.D	1	07/09/25 08:55	07/10/25 15:57	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.2	UQ	33.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.7	UQ	38.7	200	ug/Kg
99-09-2	3-Nitroaniline	52.9	U	52.9	200	ug/Kg
83-32-9	Acenaphthene	24.5	U	24.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.1	U	26.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.6	U	57.6	200	ug/Kg
84-66-2	Diethylphthalate	32.6	U	32.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.7	U	30.7	200	ug/Kg
86-73-7	Fluorene	29.1	U	29.1	200	ug/Kg
100-01-6	4-Nitroaniline	73.9	UQ	73.9	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.8	UQ	37.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.0	U	32.0	200	ug/Kg
118-74-1	Hexachlorobenzene	29.1	UQ	29.1	200	ug/Kg
1912-24-9	Atrazine	39.1	U	39.1	200	ug/Kg
87-86-5	Pentachlorophenol	59.0	UQ	59.0	380	ug/Kg
85-01-8	Phenanthrene	24.0	U	24.0	200	ug/Kg
120-12-7	Anthracene	38.3	UQ	38.3	200	ug/Kg
86-74-8	Carbazole	35.9	UQ	35.9	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.1	UQ	55.1	200	ug/Kg
206-44-0	Fluoranthene	34.5	U	34.5	200	ug/Kg
129-00-0	Pyrene	41.4	U	41.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	82.1	U	82.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.2	U	42.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.5	U	26.5	200	ug/Kg
218-01-9	Chrysene	22.9	U	22.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68.1	U	68.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	99.9	U	99.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.9	U	21.9	200	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-98	SDG No.:	Q2529
Lab Sample ID:	Q2529-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.9
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
BM050391.D	1	07/09/25 08:55	07/10/25 15:57	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.8	U	25.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	33.9	UQ	33.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.5	UQ	33.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.5	U	31.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.6	U	29.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.4	U	29.4	200	ug/Kg
123-91-1	1,4-Dioxane	52.0	U	52.0	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.5	U	31.5	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.7		18 - 112	49%	SPK: 150
13127-88-3	Phenol-d6	75.3		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.8		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.5		20 - 109	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.7		10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	48.4		10 - 105	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	541000	7.863			
1146-65-2	Naphthalene-d8	1980000	10.657			
15067-26-2	Acenaphthene-d10	1260000	14.492			
1517-22-2	Phenanthrene-d10	2500000	17.227			
1719-03-5	Chrysene-d12	2660000	21.45			
1520-96-3	Perylene-d12	2650000	24.491			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	450	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.97	ug/Kg
000119-61-9	Benzophenone	120	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	190	J		18.1	ug/Kg
018835-33-1	1-Hexacosene	81.3	J		21.1	ug/Kg

Raw Data: **BM050391.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-98	SDG No.:	Q2529
Lab Sample ID:	Q2529-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.9
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
BM050391.D	1	07/09/25 08:55	07/10/25 15:57	PB168767

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

Quant Time: Jul 10 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

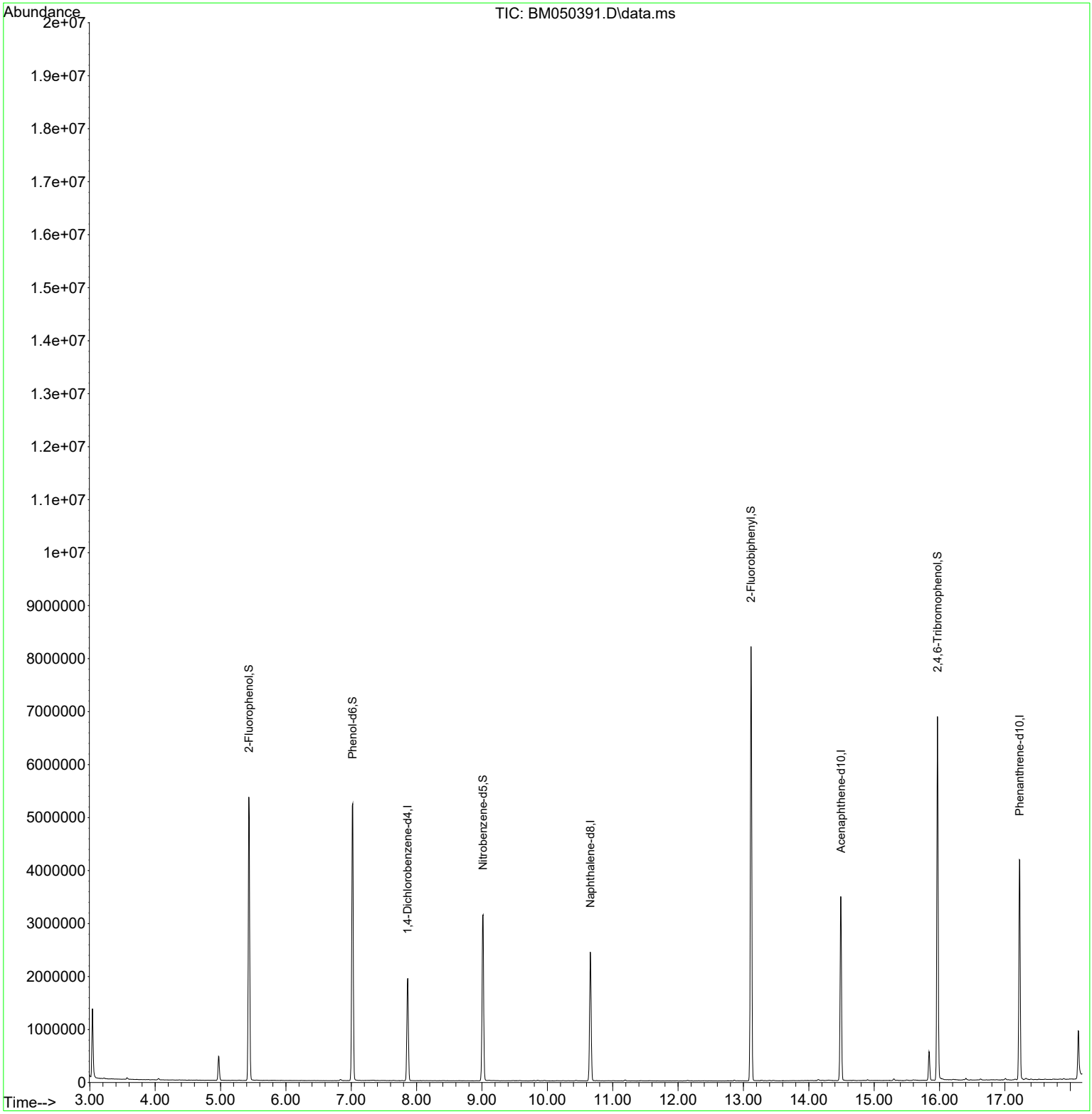
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	541235	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1982504	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1258100	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	2502021	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2656845	20.000	ng	0.00
86) Perylene-d12	24.491	264	2652822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2318298	73.730	ng	0.00
7) Phenol-d6	7.022	99	2983692	75.275	ng	0.00
23) Nitrobenzene-d5	9.016	82	1778320	45.764	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1264596	82.729	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	4329912	42.502	ng	0.00
79) Terphenyl-d14	19.839	244	7301537	48.353	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

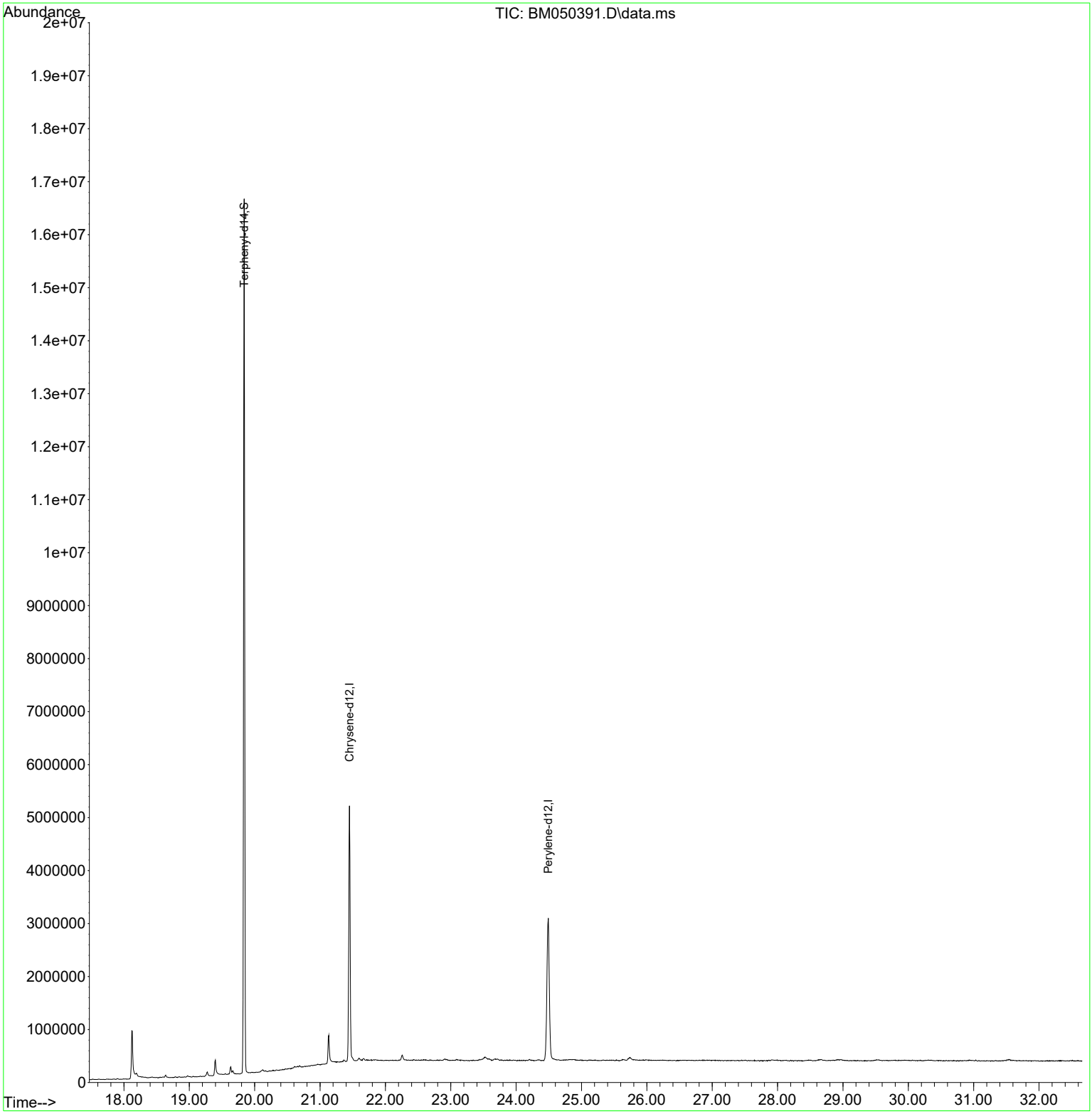
Quant Time: Jul 10 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

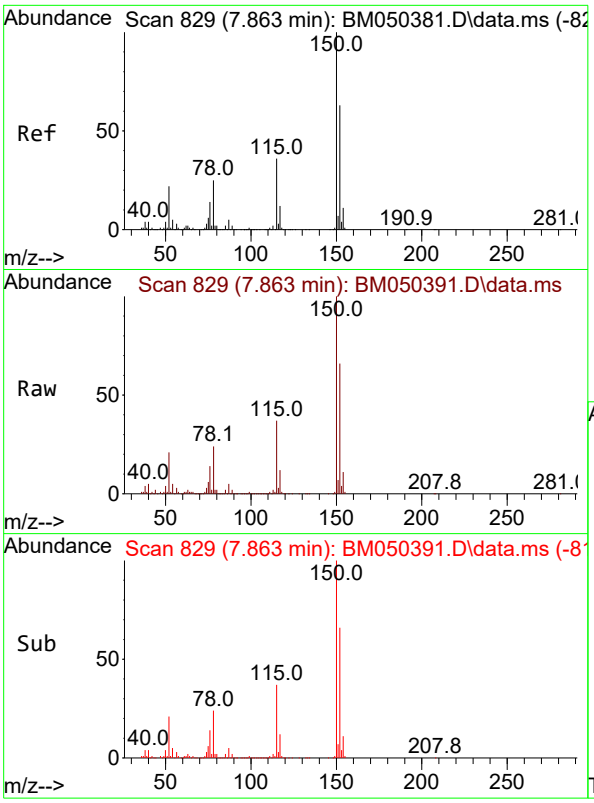


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

Quant Time: Jul 10 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



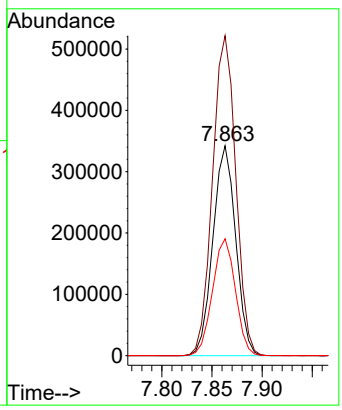


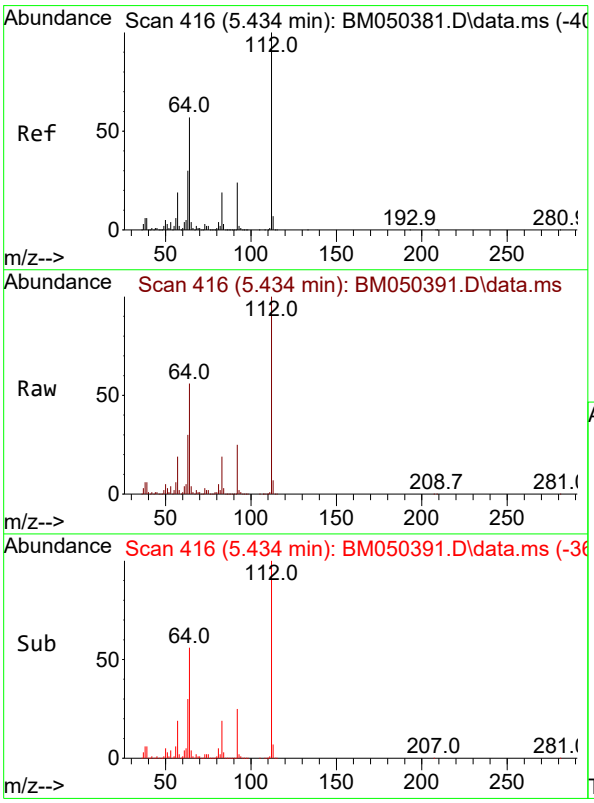
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion:152 Resp: 541235

Ion	Ratio	Lower	Upper
152	100		
150	152.4	126.2	189.4
115	55.7	45.8	68.8

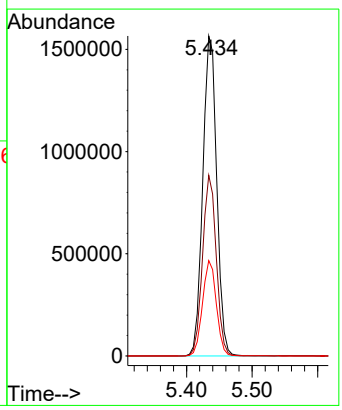


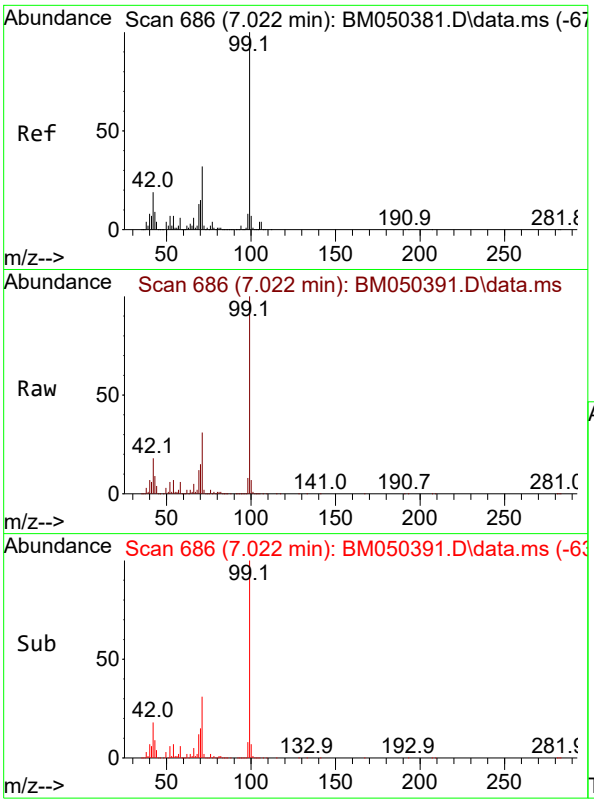


#5
2-Fluorophenol
Concen: 73.730 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:112 Resp: 2318298

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	29.8	24.2	36.4



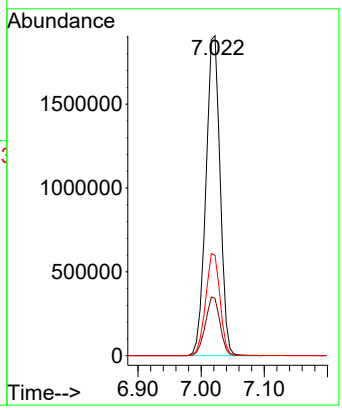


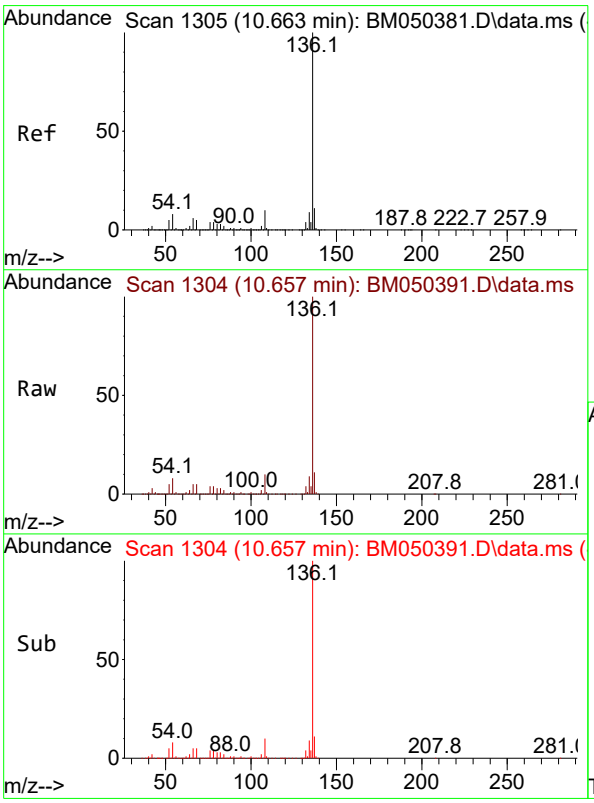
#7
Phenol-d6
Concen: 75.275 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion: 99 Resp: 2983692

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.6
71	31.4	25.9	38.9

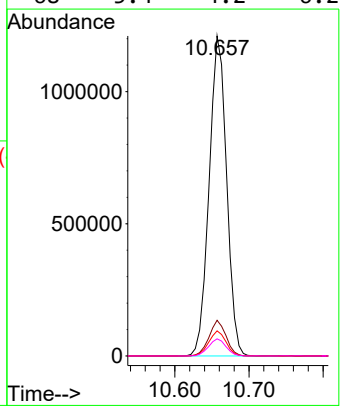


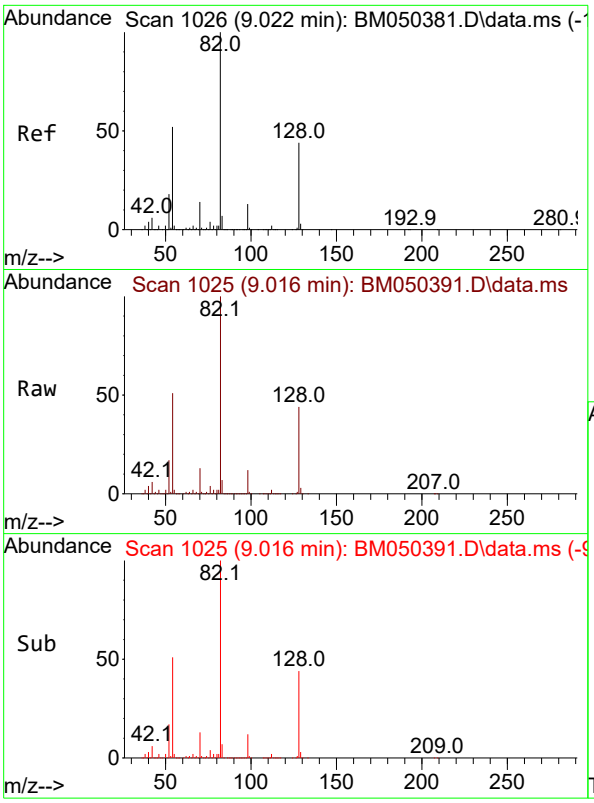


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:136 Resp: 1982504

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	6.3	9.5
68	5.4	4.2	6.2



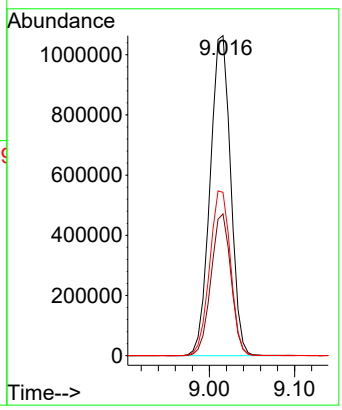


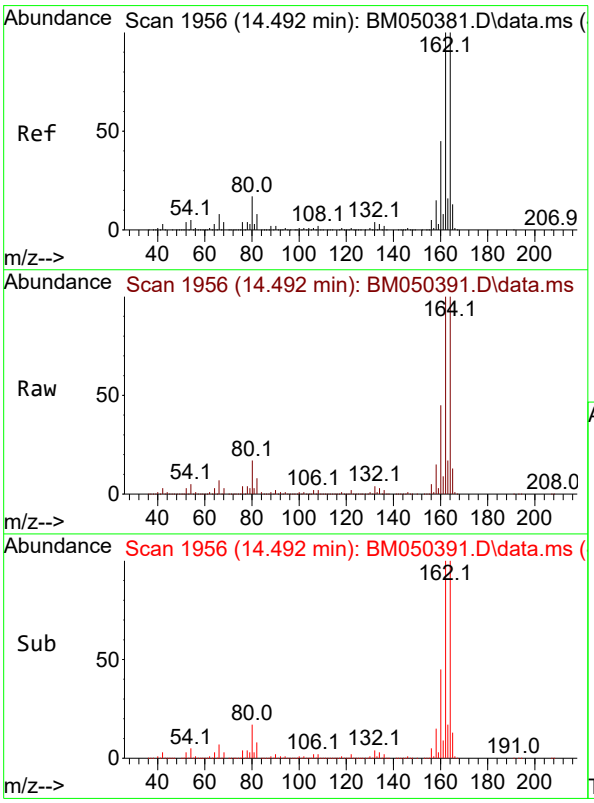
#23
Nitrobenzene-d5
Concen: 45.764 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion: 82 Resp: 1778320

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.2	52.8
54	51.0	41.5	62.3

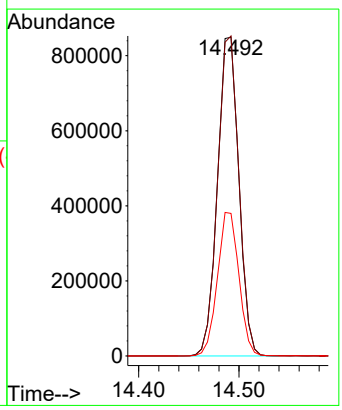


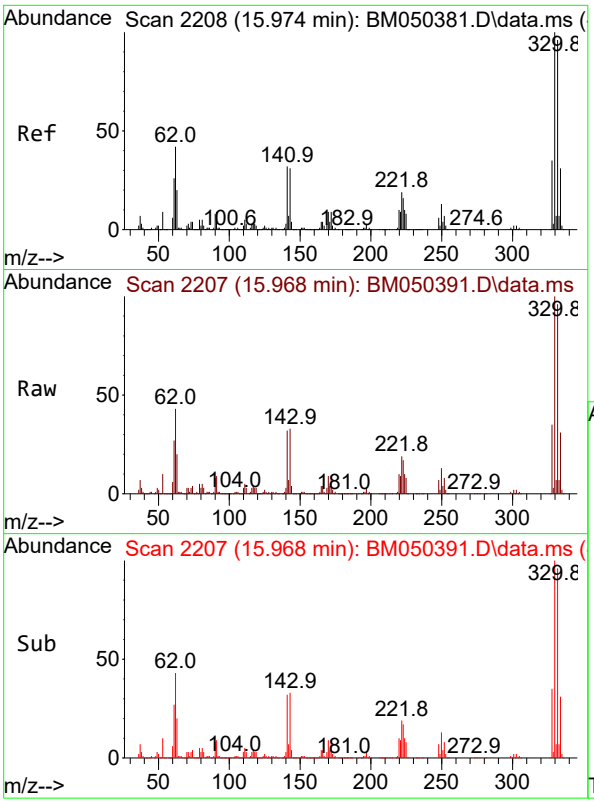


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:164 Resp: 1258100

Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.9	119.9
160	44.8	36.2	54.4



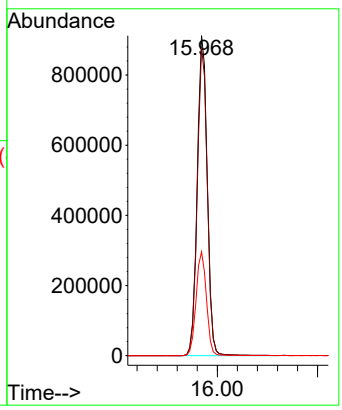


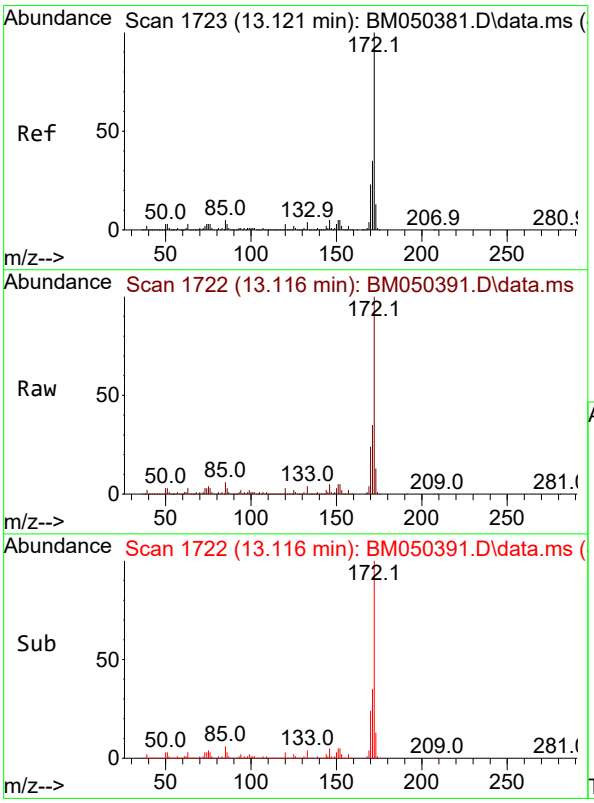
#42
2,4,6-Tribromophenol
Concen: 82.729 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion:330 Resp: 1264596

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	33.5	27.4	41.0

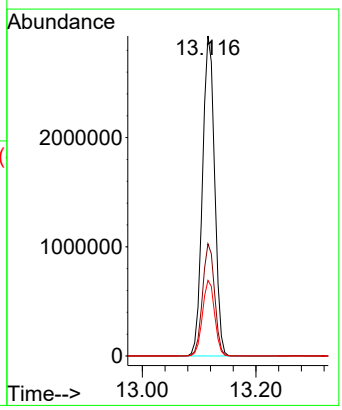


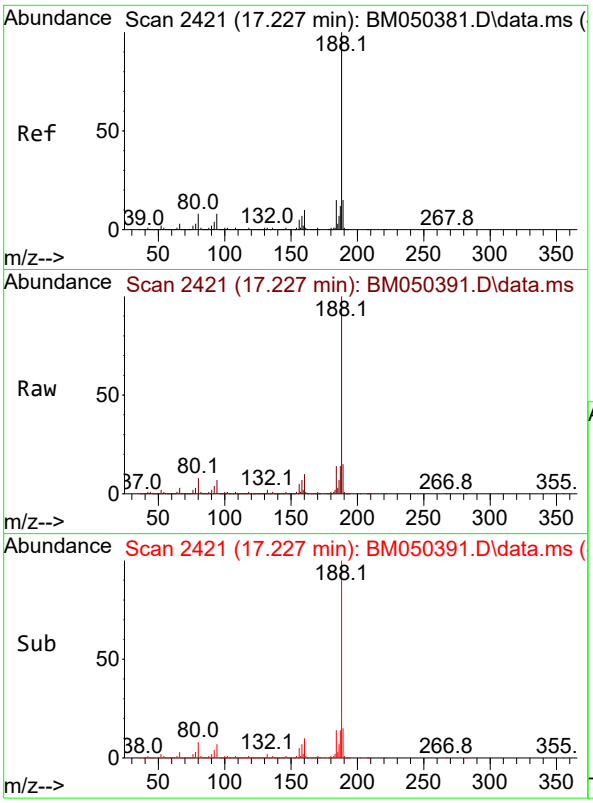


#45
2-Fluorobiphenyl
Concen: 42.502 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:172 Resp: 4329912

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



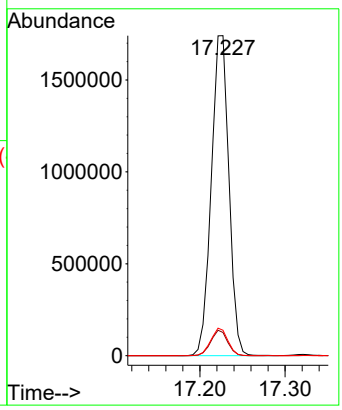


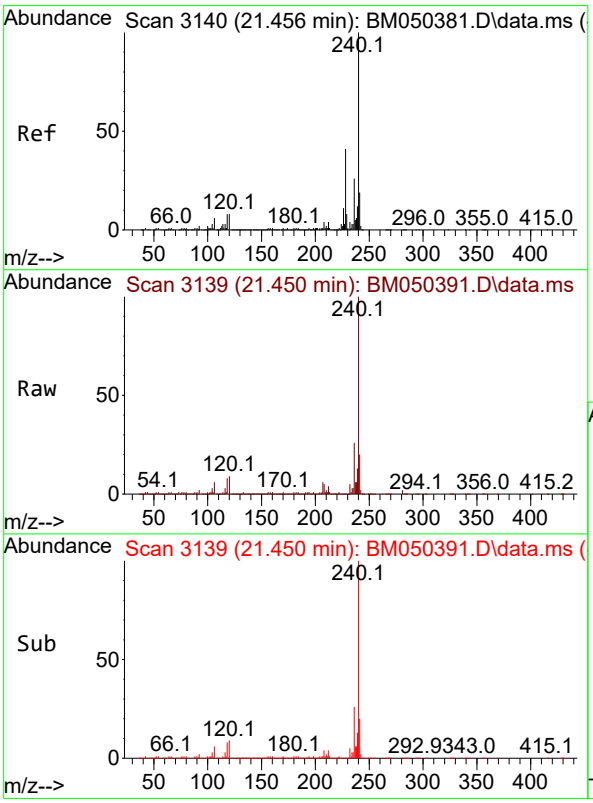
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion:188 Resp: 2502021

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	7.9	6.5	9.7

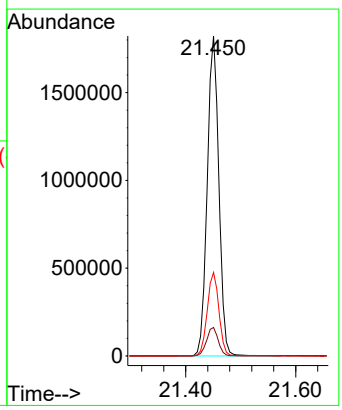


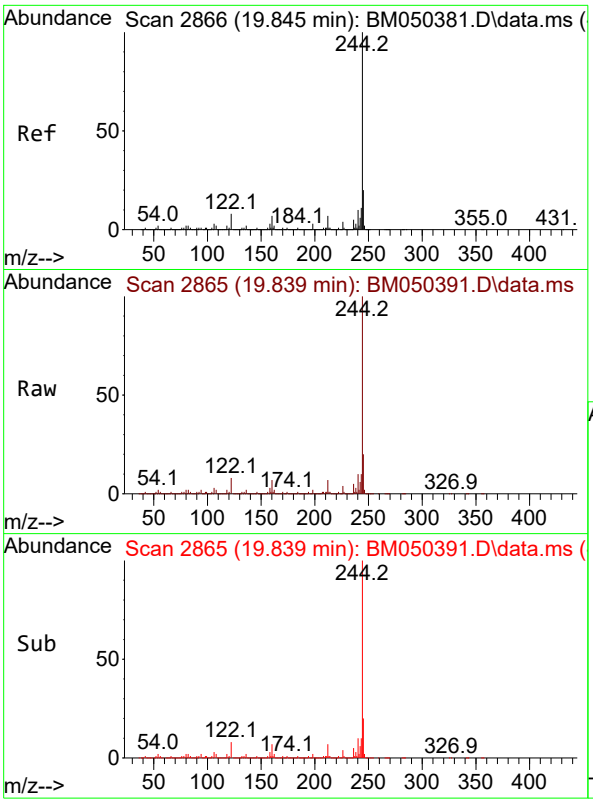


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:240 Resp: 2656845

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.7	10.1
236	26.1	20.7	31.1



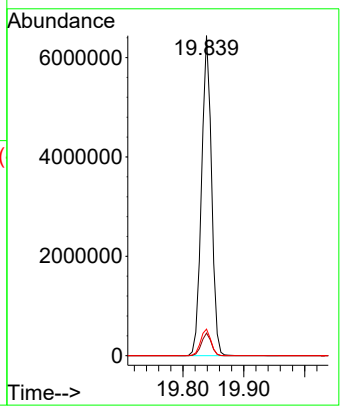


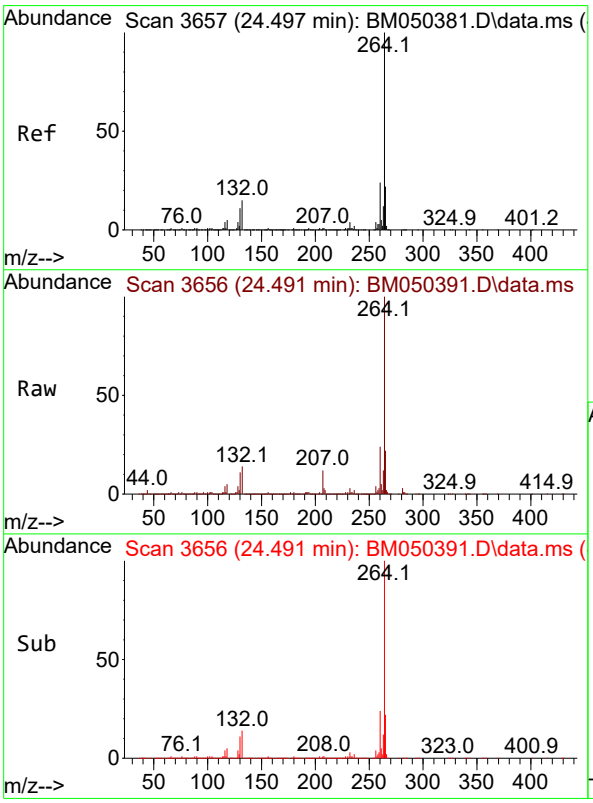
#79
Terphenyl-d14
Concen: 48.353 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Instrument :
BNA_M
ClientSampleId :
TP-98

Tgt Ion:244 Resp: 7301537

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	8.3	6.2	9.2

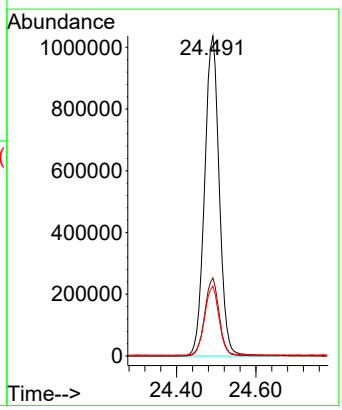




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050391.D
Acq: 10 Jul 2025 15:57

Tgt Ion:264 Resp: 2652822

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.8	26.6



Sample Results: **BM050391.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

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

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

Signal : TIC: BM050391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	25	rVB	1316008	1828635	9.62%	1.815%
2	4.969	332	337	343	rBV	456407	669446	3.52%	0.665%
3	5.434	409	416	426	rBV	5349357	7872362	41.43%	7.815%
4	7.022	678	686	701	rBV	5225170	8370032	44.05%	8.309%
5	7.863	821	829	837	rBV	1931889	3097483	16.30%	3.075%
6	9.016	1015	1025	1036	rBV	3135954	5334898	28.08%	5.296%
7	10.657	1296	1304	1312	rBV	2431499	3994584	21.02%	3.966%
8	13.116	1715	1722	1731	rBV	8198186	12138862	63.88%	12.051%
9	14.486	1947	1955	1962	rBV	3470651	5219729	27.47%	5.182%
10	15.839	2179	2185	2192	rBV	542221	782107	4.12%	0.776%
11	15.968	2200	2207	2225	rBV	6863995	9697864	51.04%	9.627%
12	17.221	2413	2420	2431	rBV	4155573	6058044	31.88%	6.014%
13	18.121	2567	2573	2582	rBV	910043	1506406	7.93%	1.495%
14	19.398	2785	2790	2804	rBV	290306	527630	2.78%	0.524%
15	19.839	2859	2865	2876	rBV	16500959	19002177	100.00%	18.864%
16	21.133	3081	3085	3095	rBV	511222	763129	4.02%	0.758%
17	21.450	3133	3139	3154	rVB	4811382	7192797	37.85%	7.141%
18	24.491	3647	3656	3670	rVB	2660134	6674777	35.13%	6.626%

Sum of corrected areas: 100730962

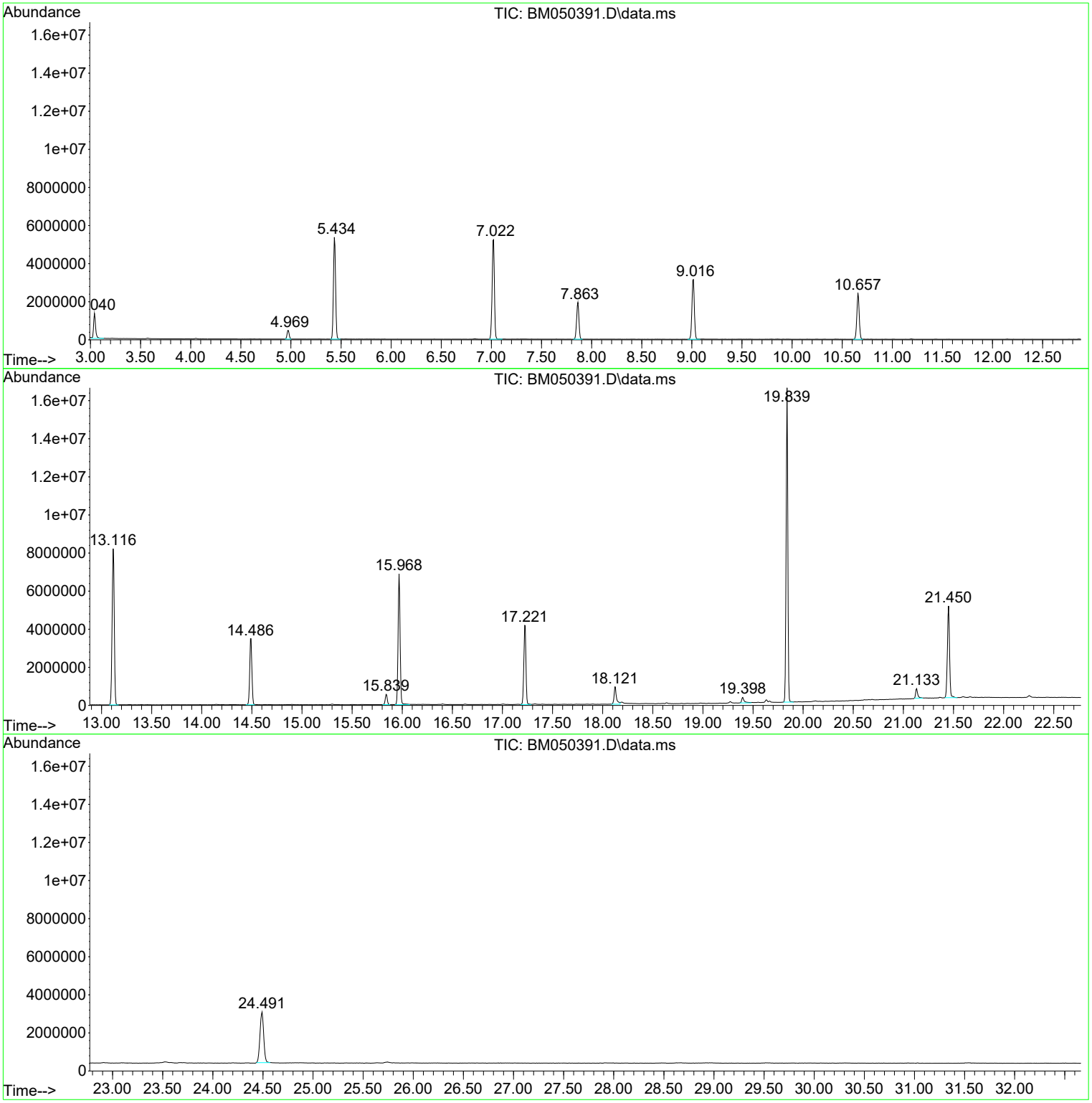
Sample Results: **BM050391.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

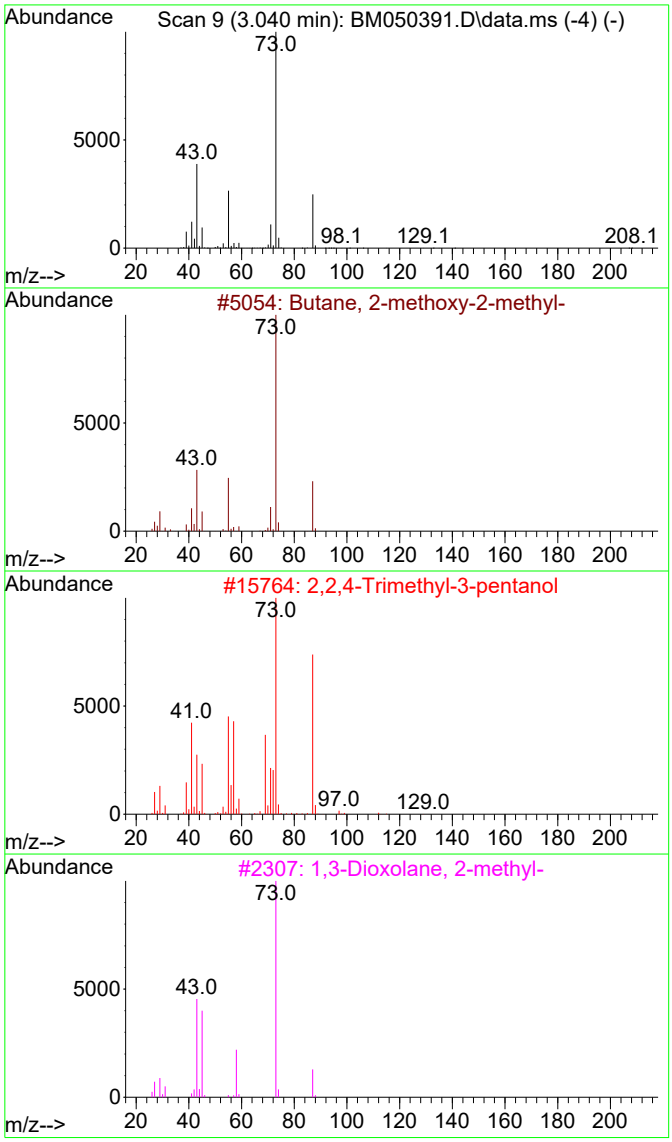
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

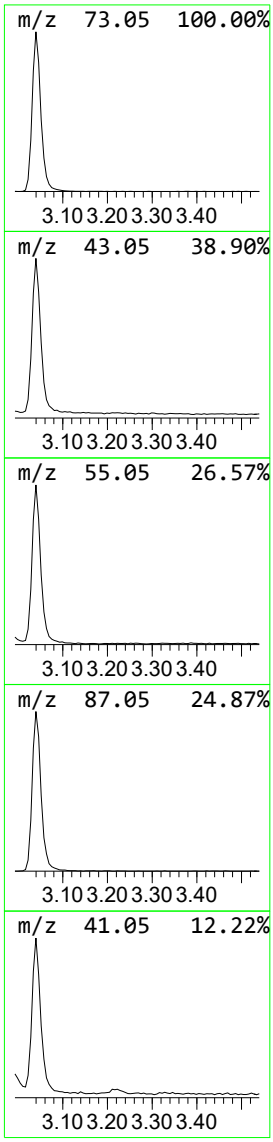
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	11.81 ng	1828640	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

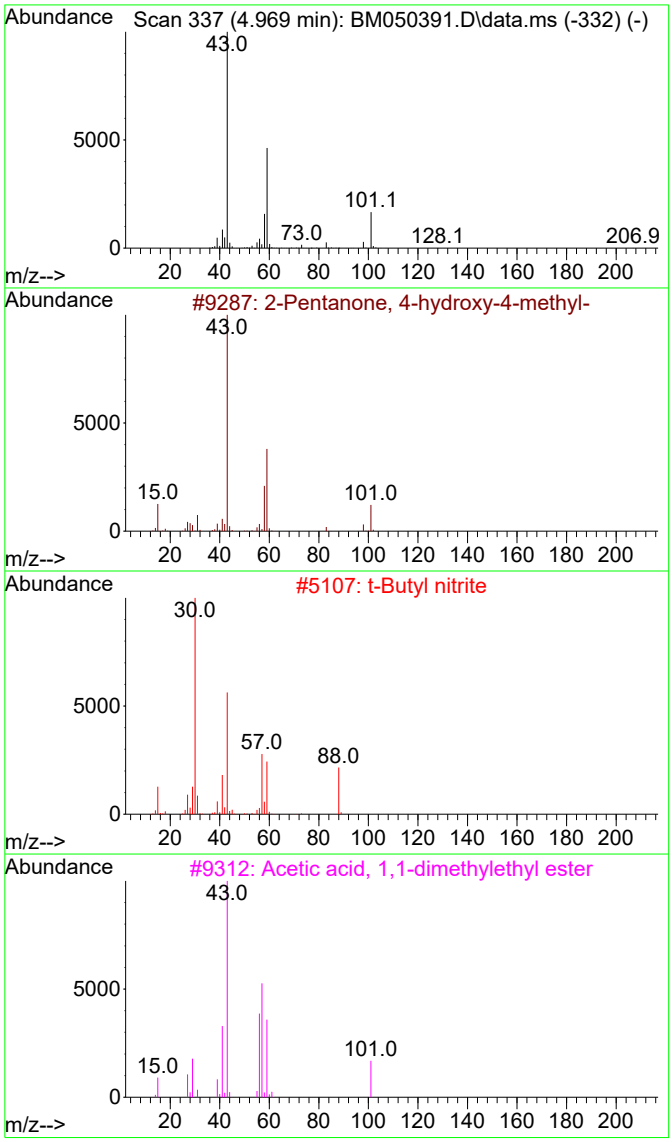
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

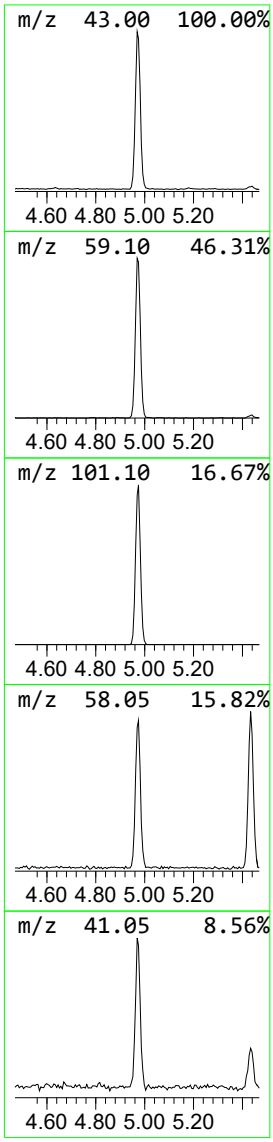
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	4.32 ng	669446	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

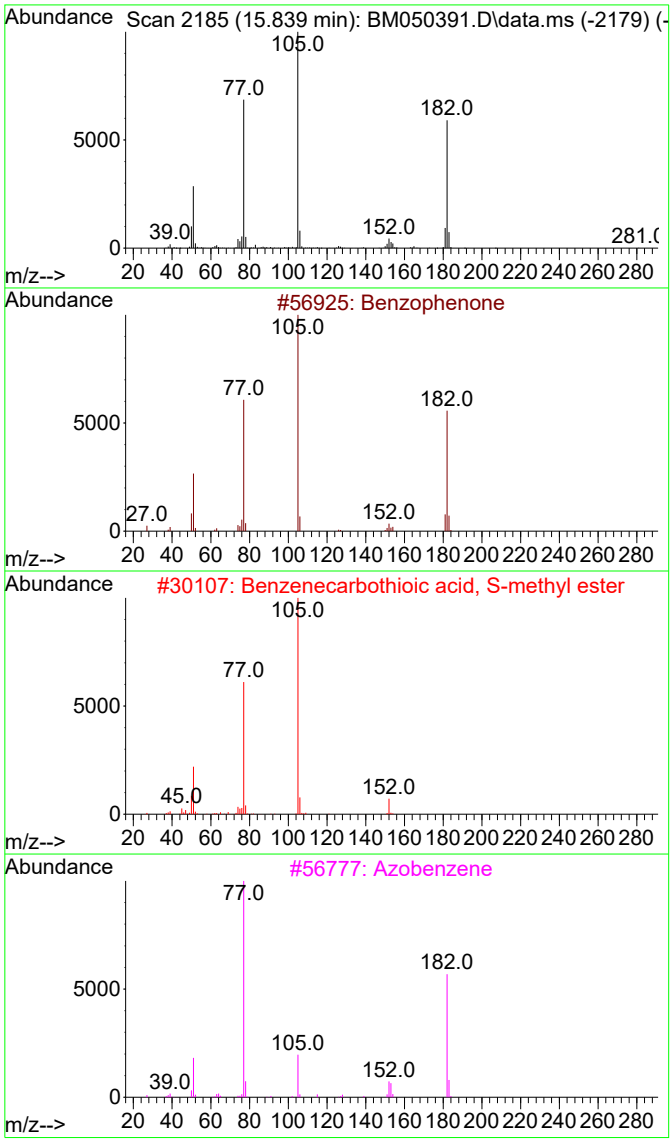
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TIC Integration Parameters: LSCINT.P

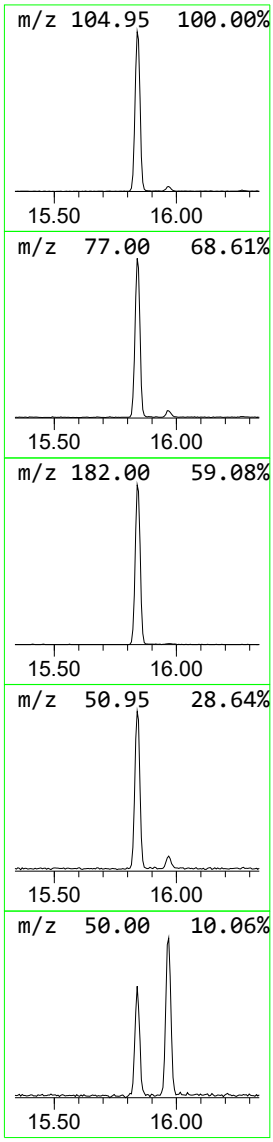
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	3.00 ng	782107	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

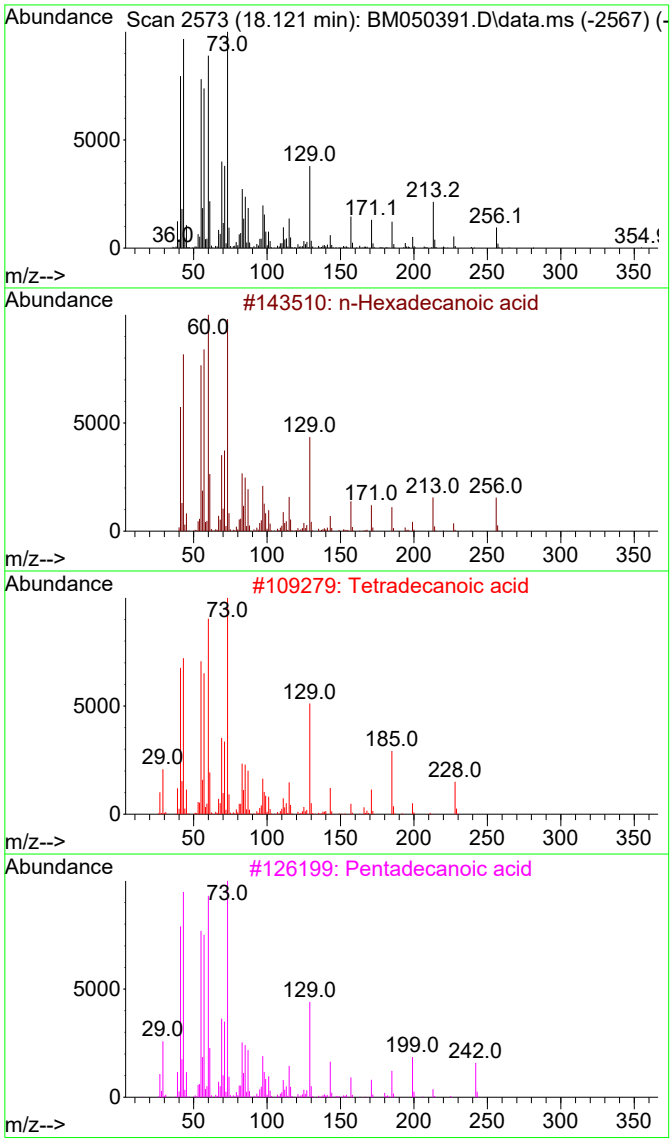
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TIC Integration Parameters: LSCINT.P

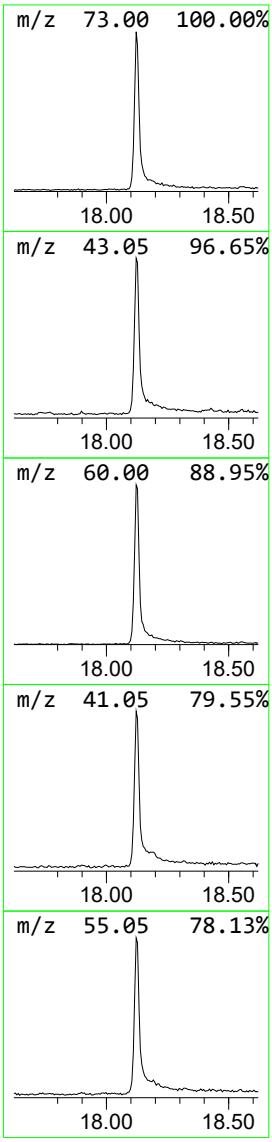
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	4.97 ng	1506410	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

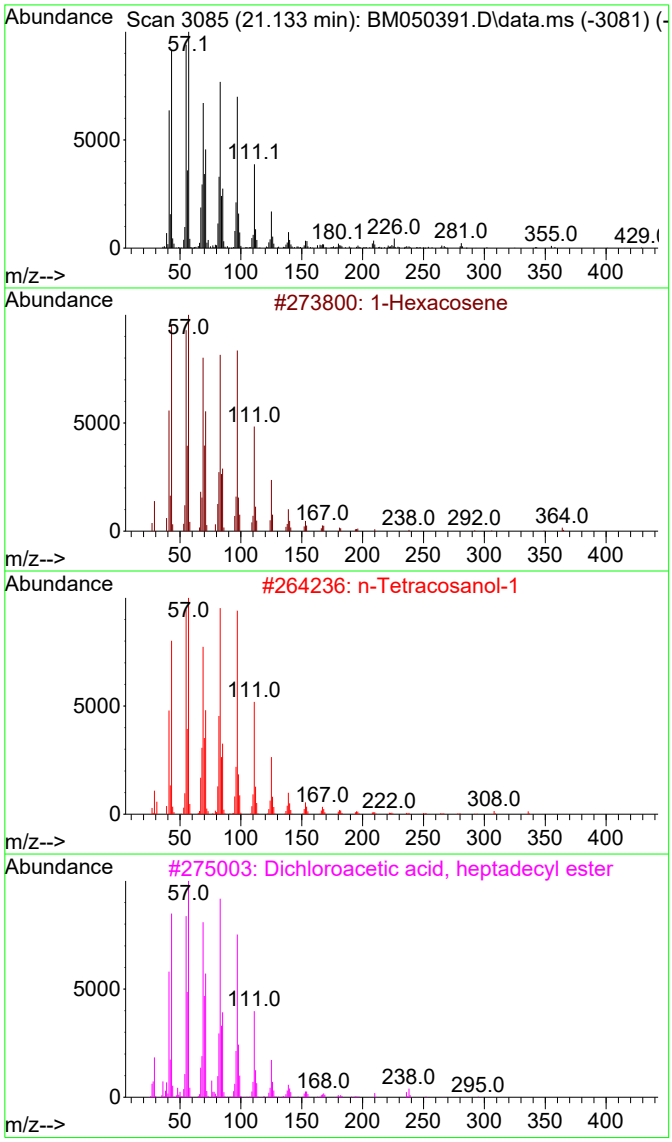
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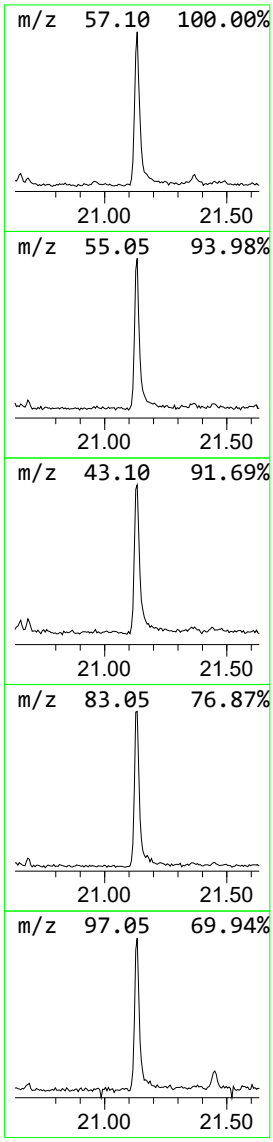
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Peak Number 5 1-Hexacosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.12 ng	763129	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Octacosanol	410	C28H58O	000557-61-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Sample Results: **BM050391.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050391.D
Acq On : 10 Jul 2025 15:57
Operator : RC/JU
Sample : Q2529-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-98

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	11.8	ng	1828640	1	7.863	3097480	20.0
2-Pentanone, 4-...	4.969	4.3	ng	669446	1	7.863	3097480	20.0
Benzophenone	15.839	3.0	ng	782107	3	14.492	5219730	20.0
n-Hexadecanoic ...	18.121	5.0	ng	1506410	4	17.227	6058040	20.0
1-Hexacosene	21.133	2.1	ng	763129	5	21.450	7192800	20.0

Raw Data: **BF143065.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-102	SDG No.:	Q2529
Lab Sample ID:	Q2529-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.6
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
BF143065.D	5	07/09/25 08:55	07/09/25 19:33	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	810	U	810	1700	ug/Kg
108-95-2	Phenol	120	U	120	890	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	890	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	890	ug/Kg
95-48-7	2-Methylphenol	160	U	160	890	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	890	ug/Kg
98-86-2	Acetophenone	150	U	150	890	ug/Kg
65794-96-9	3+4-Methylphenols	210	U	210	1700	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	420	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	890	ug/Kg
98-95-3	Nitrobenzene	95.6	U	95.6	890	ug/Kg
78-59-1	Isophorone	170	UQ	170	890	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	890	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	890	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	160	890	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	890	ug/Kg
91-20-3	Naphthalene	120	U	120	890	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	890	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	890	ug/Kg
105-60-2	Caprolactam	270	U	270	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	890	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	890	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610	UQ	610	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	UQ	100	890	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	UQ	150	890	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	890	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	890	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	890	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	890	ug/Kg

Raw Data: **BF143065.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-102	SDG No.:	Q2529
Lab Sample ID:	Q2529-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.6
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
BF143065.D	5	07/09/25 08:55	07/09/25 19:33	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	UQ	150	890	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	UQ	180	890	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	890	ug/Kg
83-32-9	Acenaphthene	110	U	110	890	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1700	ug/Kg
100-02-7	4-Nitrophenol	560	U	560	1700	ug/Kg
132-64-9	Dibenzofuran	120	U	120	890	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	890	ug/Kg
84-66-2	Diethylphthalate	150	U	150	890	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	890	ug/Kg
86-73-7	Fluorene	130	U	130	890	ug/Kg
100-01-6	4-Nitroaniline	340	UQ	340	890	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	540	U	540	1700	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	UQ	170	890	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	150	890	ug/Kg
118-74-1	Hexachlorobenzene	130	UQ	130	890	ug/Kg
1912-24-9	Atrazine	180	U	180	890	ug/Kg
87-86-5	Pentachlorophenol	270	UQ	270	1700	ug/Kg
85-01-8	Phenanthrene	110	U	110	890	ug/Kg
120-12-7	Anthracene	170	UQ	170	890	ug/Kg
86-74-8	Carbazole	160	UQ	160	890	ug/Kg
84-74-2	Di-n-butylphthalate	250	UQ	250	890	ug/Kg
206-44-0	Fluoranthene	160	U	160	890	ug/Kg
129-00-0	Pyrene	190	U	190	890	ug/Kg
85-68-7	Butylbenzylphthalate	370	U	370	890	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	1700	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	890	ug/Kg
218-01-9	Chrysene	100	U	100	890	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	890	ug/Kg
117-84-0	Di-n-octyl phthalate	450	U	450	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.2	U	99.2	890	ug/Kg

Raw Data: **BF143065.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-102	SDG No.:	Q2529
Lab Sample ID:	Q2529-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.6
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
BF143065.D	5	07/09/25 08:55	07/09/25 19:33	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	120	U	120	890	ug/Kg
50-32-8	Benzo(a)pyrene	150	UQ	150	890	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	UQ	150	890	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	890	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	890	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	890	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	890	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	890	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	60.5		18 - 112	40%	SPK: 150
13127-88-3	Phenol-d6	60.0		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.3		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.0		20 - 109	46%	SPK: 100
118-79-6	2,4,6-Tribromophenol	44.1		10 - 116	29%	SPK: 150
1718-51-0	Terphenyl-d14	30.6		10 - 105	31%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	44600	6.869			
1146-65-2	Naphthalene-d8	163000	8.157			
15067-26-2	Acenaphthene-d10	74800	9.91			
1517-22-2	Phenanthrene-d10	115000	11.404			
1719-03-5	Chrysene-d12	121000	14.051			
1520-96-3	Perylene-d12	80000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000084-15-1	o-Terphenyl	1700	J		11.8	ug/Kg
1000342-70-4	1-Octadecanesulphonyl chloride	1300	J		12.5	ug/Kg

Raw Data: **BF143065.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-102	SDG No.:	Q2529
Lab Sample ID:	Q2529-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.6
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
BF143065.D	5	07/09/25 08:55	07/09/25 19:33	PB168767

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 : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

Quant Time: Jul 10 00:57:28 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

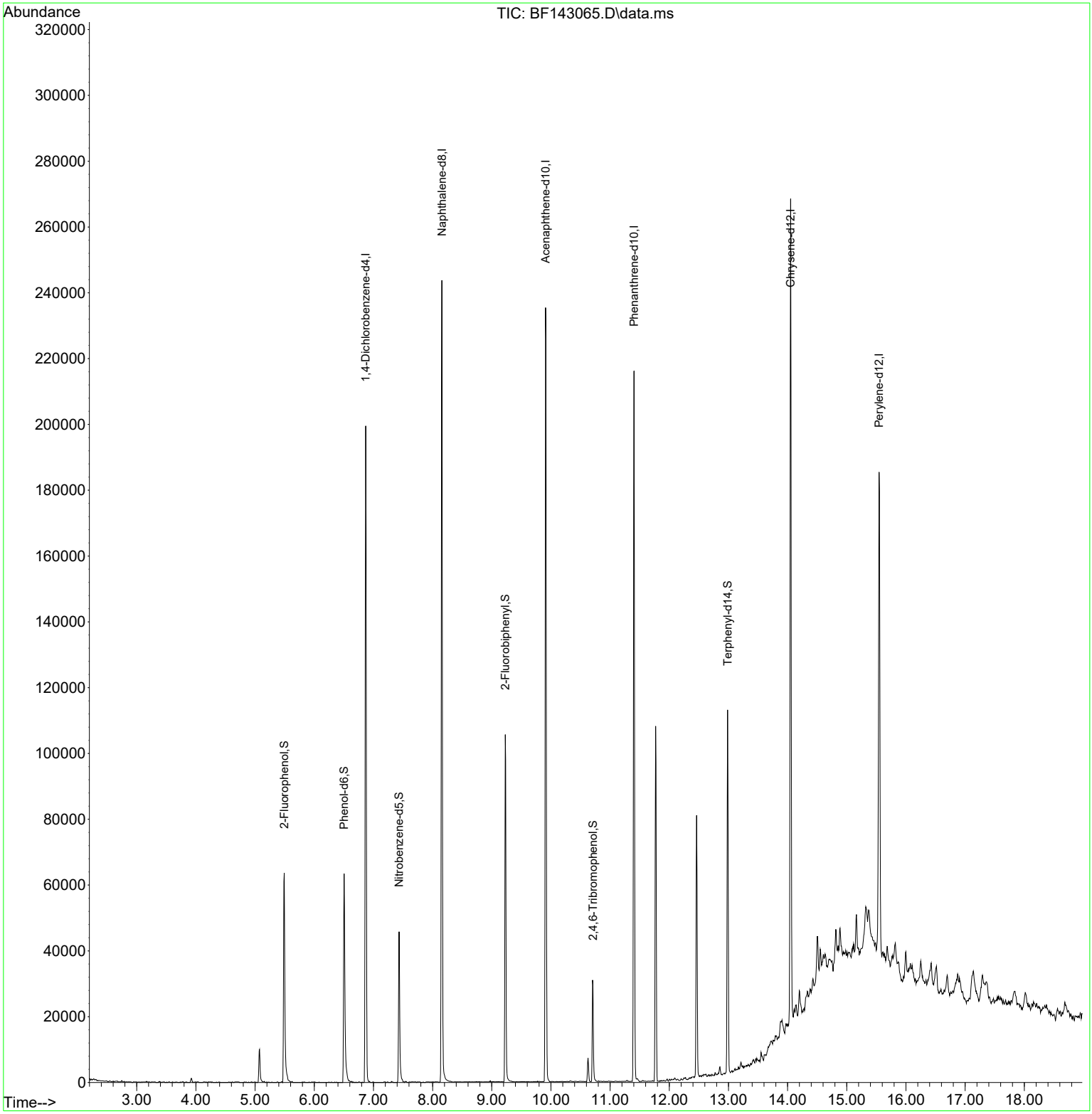
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	44597	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	162685	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	74800	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	114652	20.000	ng	0.00
76) Chrysene-d12	14.051	240	120675	20.000	ng	0.00
86) Perylene-d12	15.545	264	79996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	32425	12.105	ng	0.00
7) Phenol-d6	6.504	99	37926	12.001	ng	0.00
23) Nitrobenzene-d5	7.433	82	22723	7.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	6783	8.812	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	52370	9.197	ng	-0.02
79) Terphenyl-d14	12.986	244	53542	6.130	ng	-0.01
Target Compounds						Qvalue

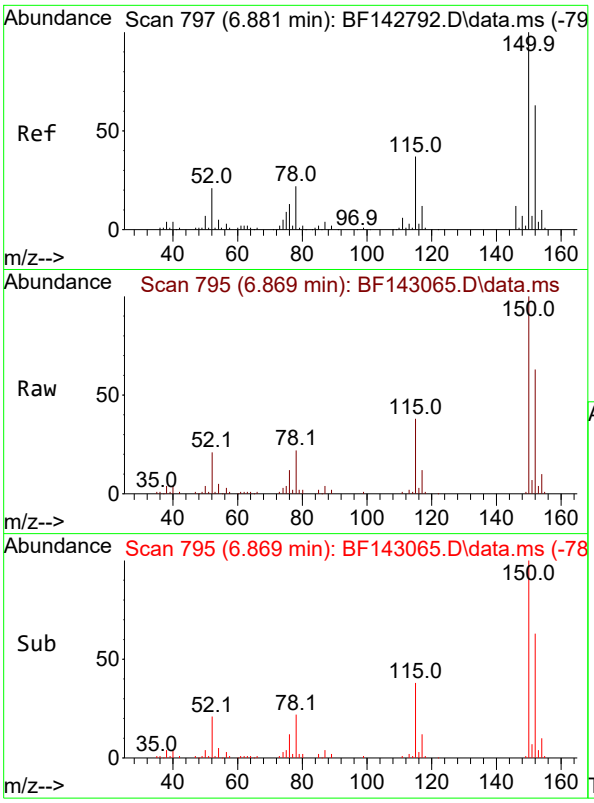
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

Quant Time: Jul 10 00:57:28 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



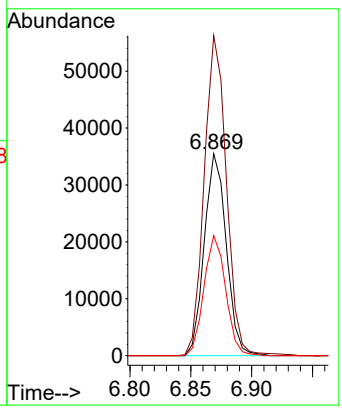


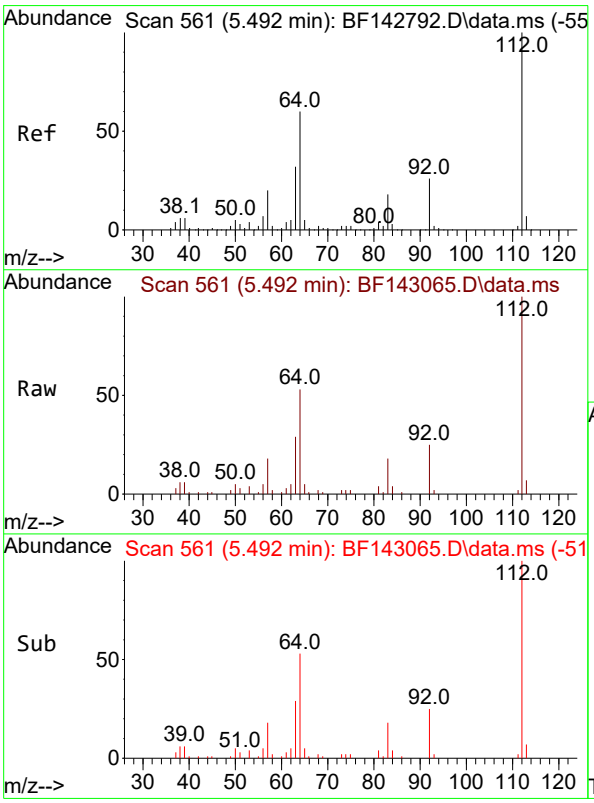
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion:152 Resp: 44597

Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.2	190.8
115	59.5	46.6	69.8

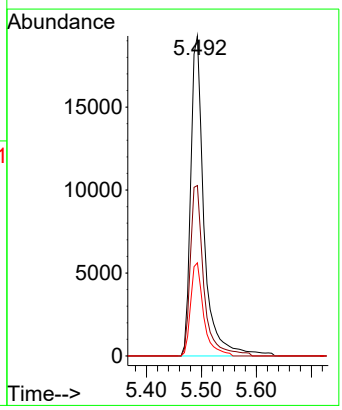


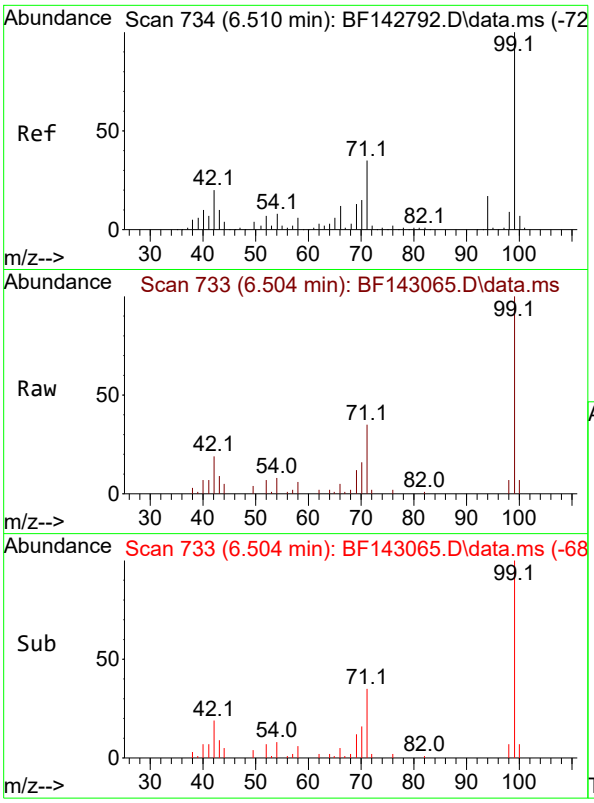


#5
2-Fluorophenol
Concen: 12.105 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:112 Resp: 32425

Ion	Ratio	Lower	Upper
112	100		
64	53.3	48.2	72.2
63	29.1	25.7	38.5



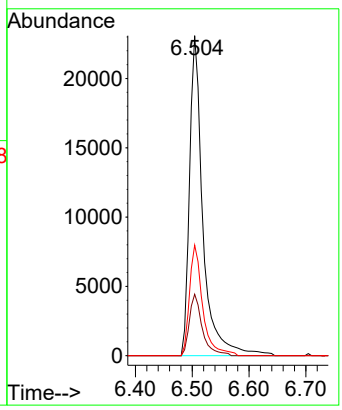


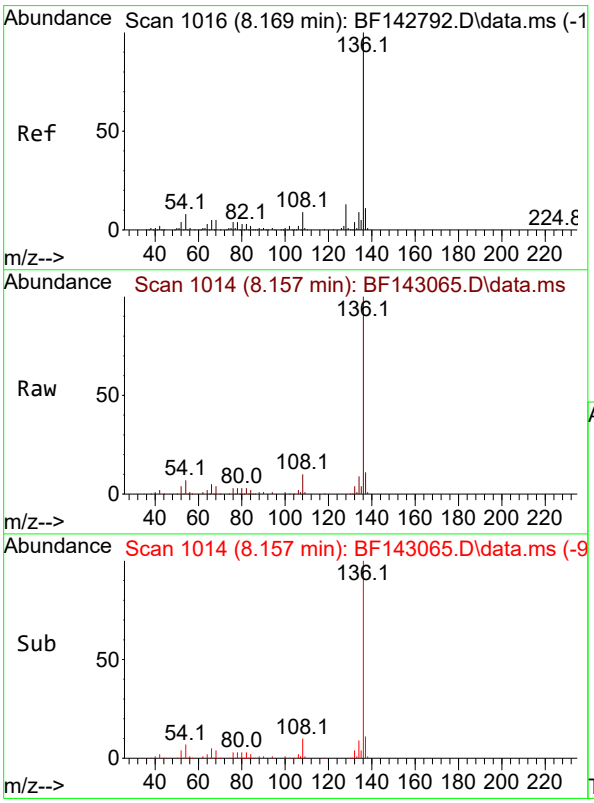
#7
Phenol-d6
Concen: 12.001 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion: 99 Resp: 37926

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.9	23.9
71	34.6	27.8	41.8

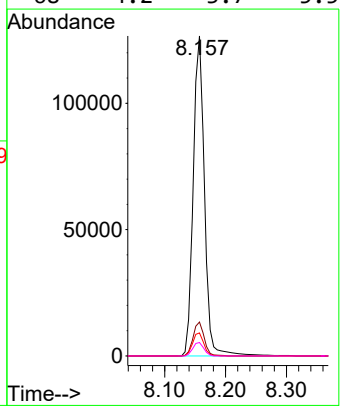


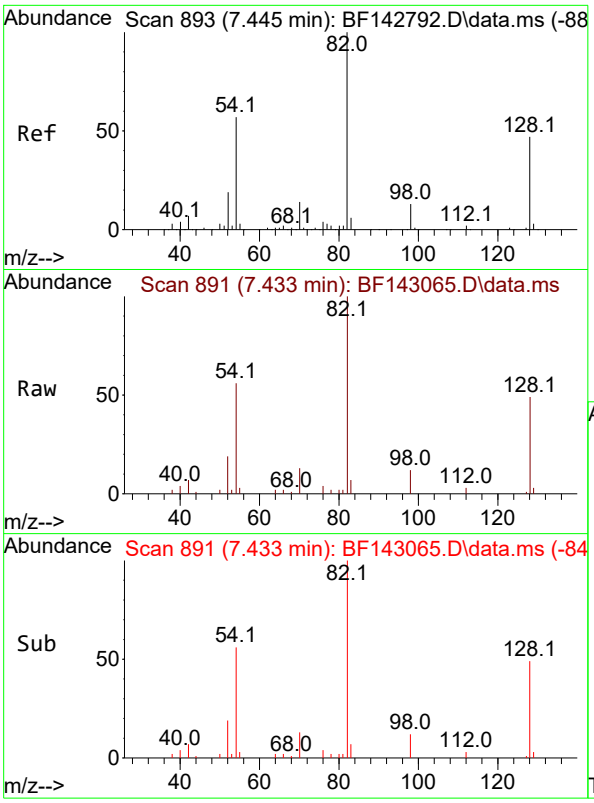


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:136 Resp: 162685

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.2	6.3	9.5
68	4.2	3.7	5.5



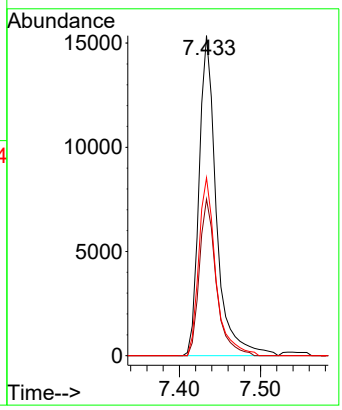


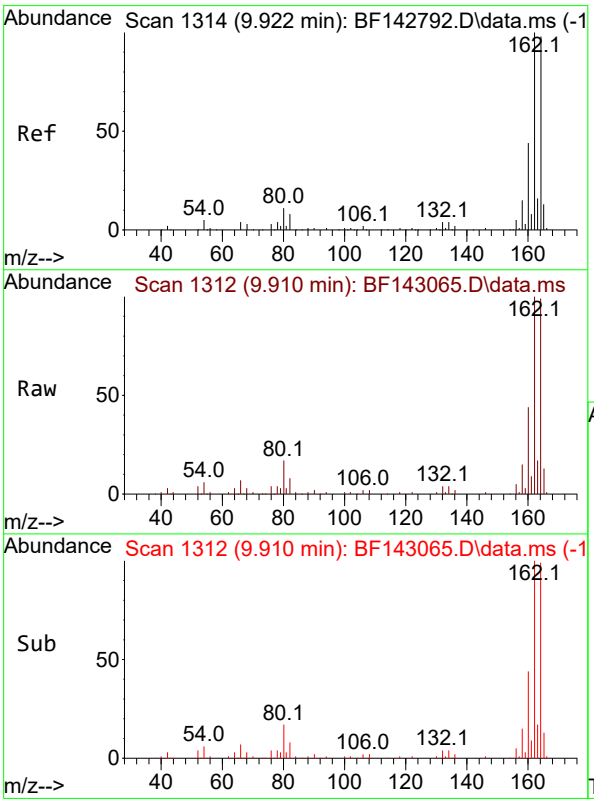
#23
Nitrobenzene-d5
Concen: 7.661 ng
RT: 7.433 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion: 82 Resp: 22723

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.7	56.5
54	55.6	45.7	68.5

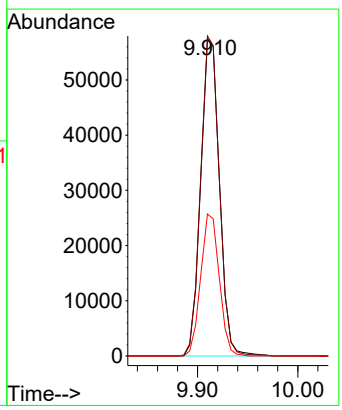


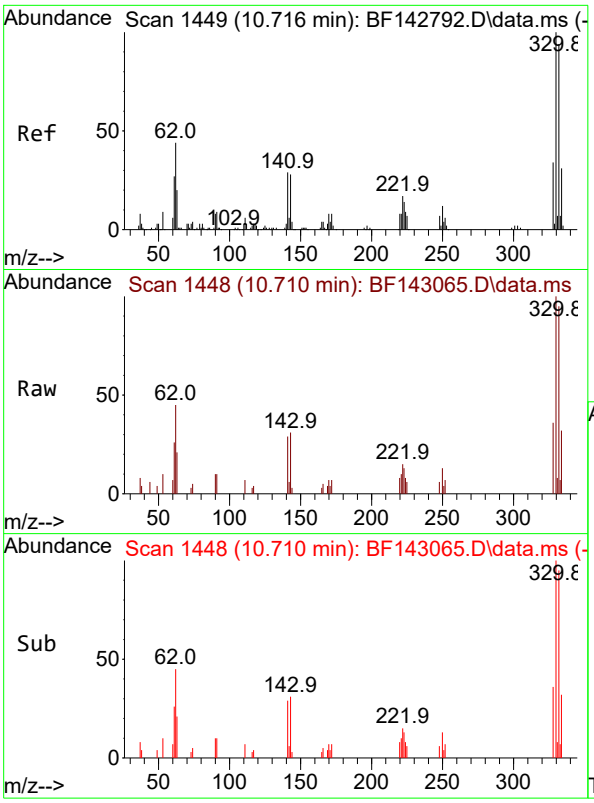


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:164 Resp: 74800

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.8	122.8
160	44.8	36.0	54.0



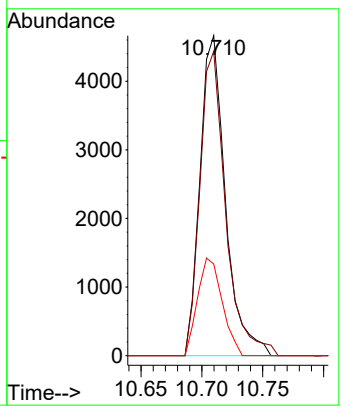


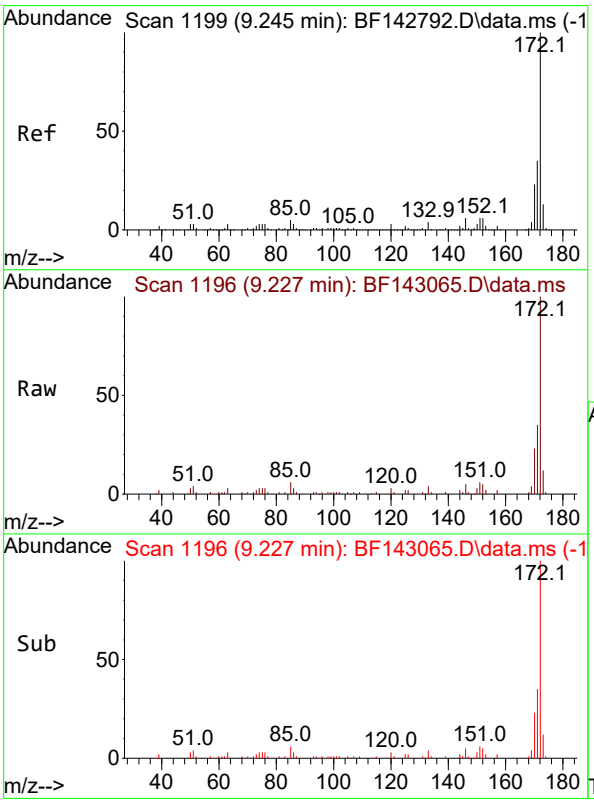
#42
2,4,6-Tribromophenol
Concen: 8.812 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion:330 Resp: 6783

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.0	112.6
141	29.5	25.3	37.9

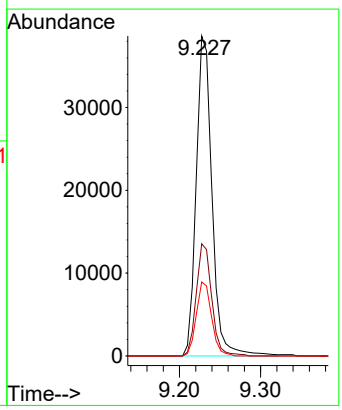


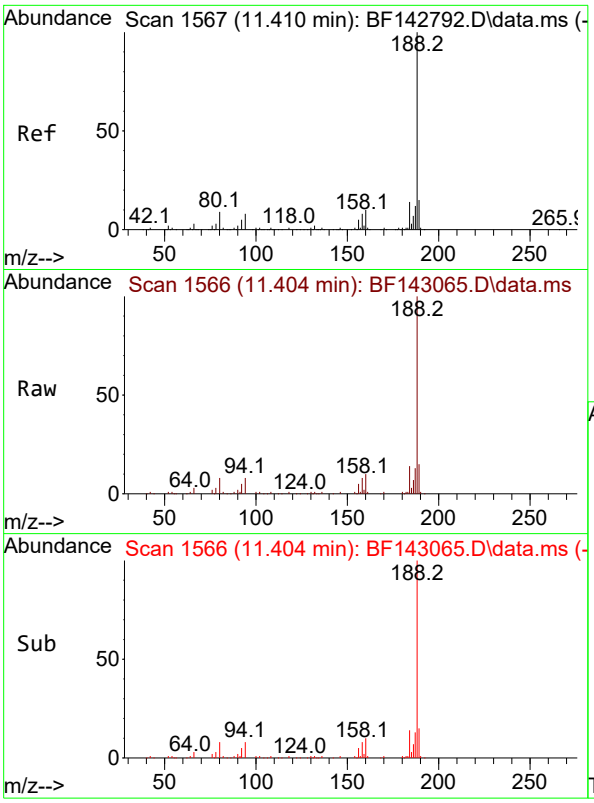


#45
2-Fluorobiphenyl
Concen: 9.197 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.018 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:172 Resp: 52370

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.1	18.5	27.7



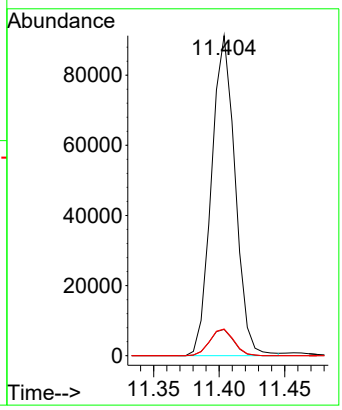


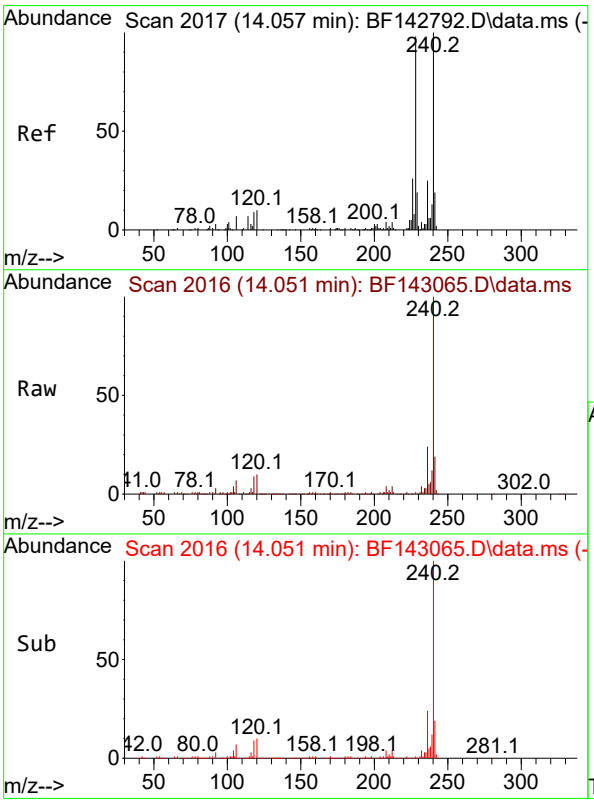
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion:188 Resp: 114652

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.4	6.9	10.3

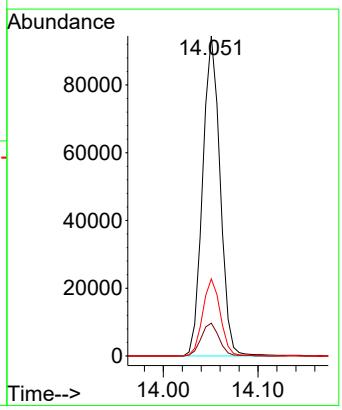


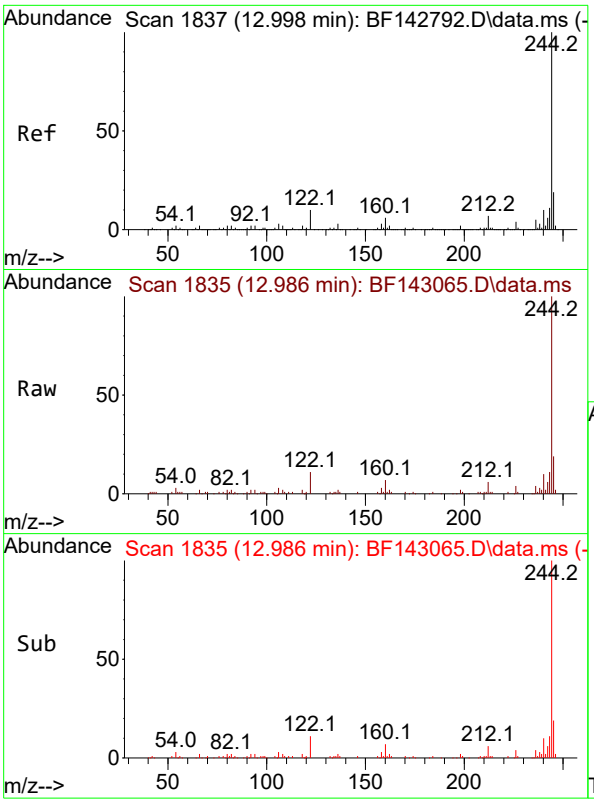


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:240 Resp: 120675

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.2	12.2
236	24.1	19.8	29.8



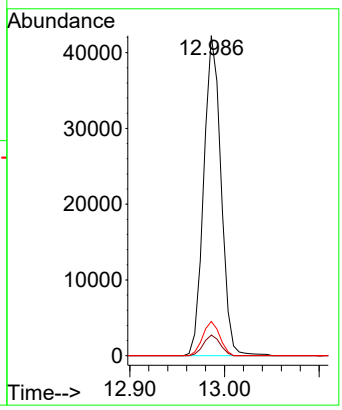


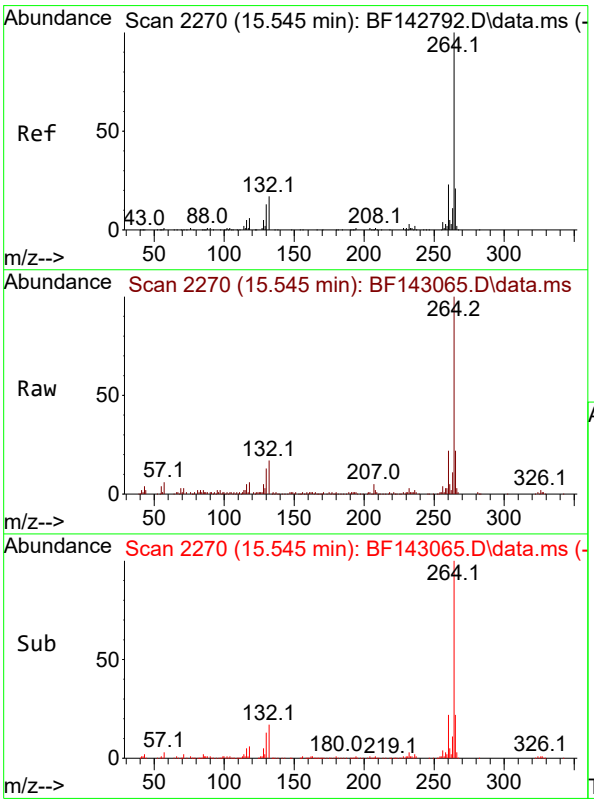
#79
Terphenyl-d14
Concen: 6.130 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Instrument :
BNA_F
ClientSampleId :
TP-102

Tgt Ion:244 Resp: 53542

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	8.2	12.2

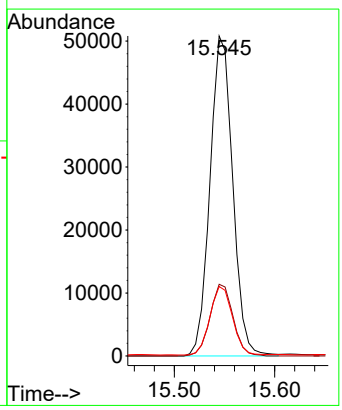




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF143065.D
Acq: 09 Jul 2025 19:33

Tgt Ion:264 Resp: 79996

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.1	27.1
265	21.7	16.6	25.0



Sample Results: **BF143065.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

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: BF143065.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	502	rBV	9999	15842	4.90%	0.625%
2	5.492	556	561	582	rBV	63630	101653	31.46%	4.008%
3	6.504	729	733	746	rBV	63501	99921	30.92%	3.940%
4	6.869	790	795	804	rBV	199552	246903	76.41%	9.735%
5	7.433	886	891	906	rVB	45841	64992	20.11%	2.562%
6	8.157	1009	1014	1036	rBV	243608	307324	95.11%	12.117%
7	9.227	1192	1196	1211	rBV	105500	133782	41.40%	5.275%
8	9.910	1307	1312	1324	rVB	235268	300510	93.00%	11.848%
9	10.627	1430	1434	1439	rBV	7101	8910	2.76%	0.351%
10	10.704	1443	1447	1462	rBV	30839	41509	12.85%	1.637%
11	11.404	1561	1566	1573	rBV	215904	268370	83.06%	10.581%
12	11.768	1624	1628	1633	rBV	107953	130519	40.39%	5.146%
13	12.463	1741	1746	1755	rBV	79392	97124	30.06%	3.829%
14	12.857	1809	1813	1817	rVB3	2409	3343	1.03%	0.132%
15	12.986	1830	1835	1843	rVB	110261	134716	41.69%	5.311%
16	13.551	1928	1931	1938	rBV6	2917	5039	1.56%	0.199%
17	14.051	2011	2016	2024	rBV	249942	323118	100.00%	12.739%
18	14.504	2090	2093	2098	rVB5	10416	13910	4.30%	0.548%
19	15.545	2265	2270	2278	rVB	147427	238882	73.93%	9.418%

Sum of corrected areas: 2536367

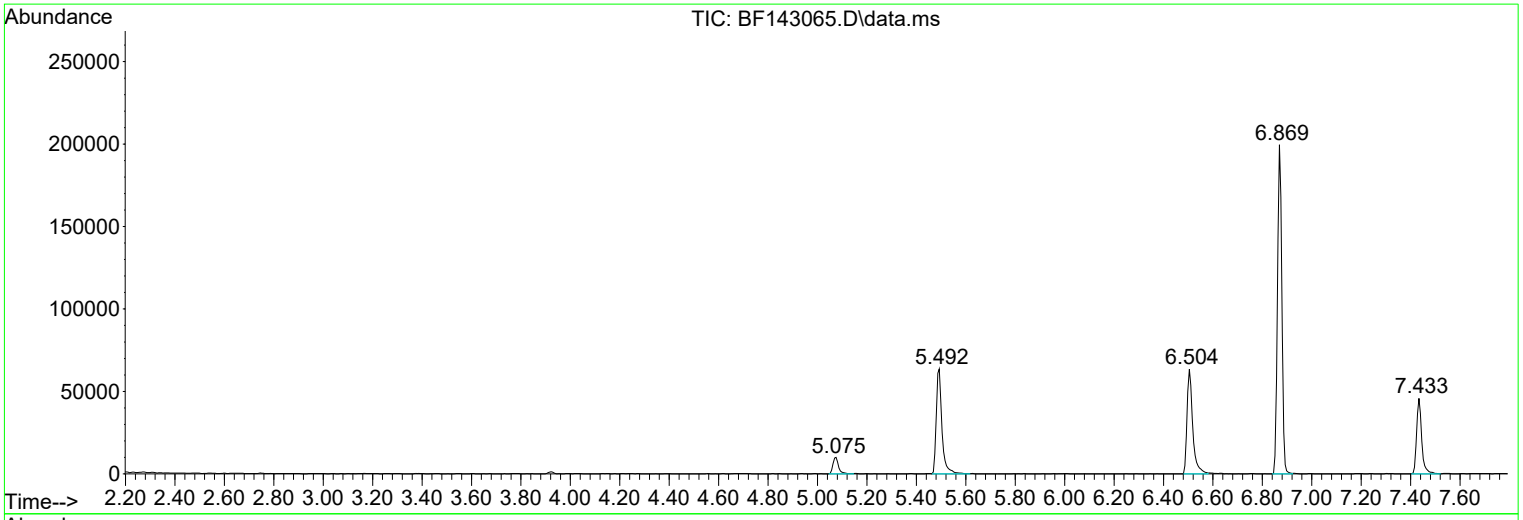
Sample Results: **BF143065.D**

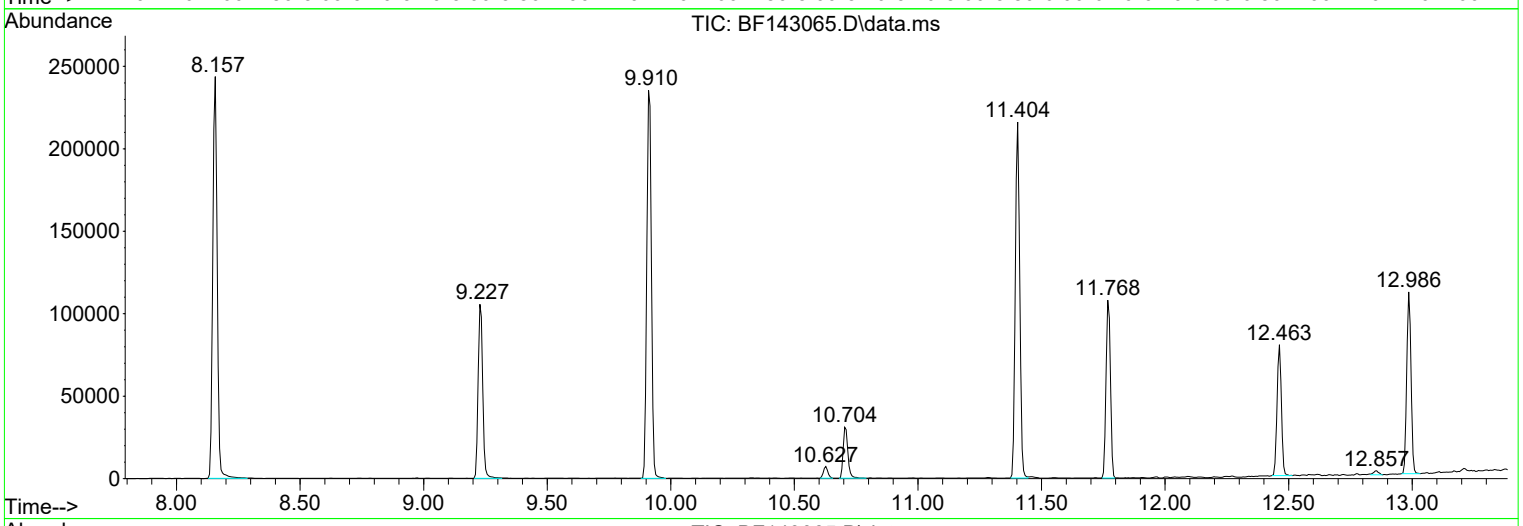
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

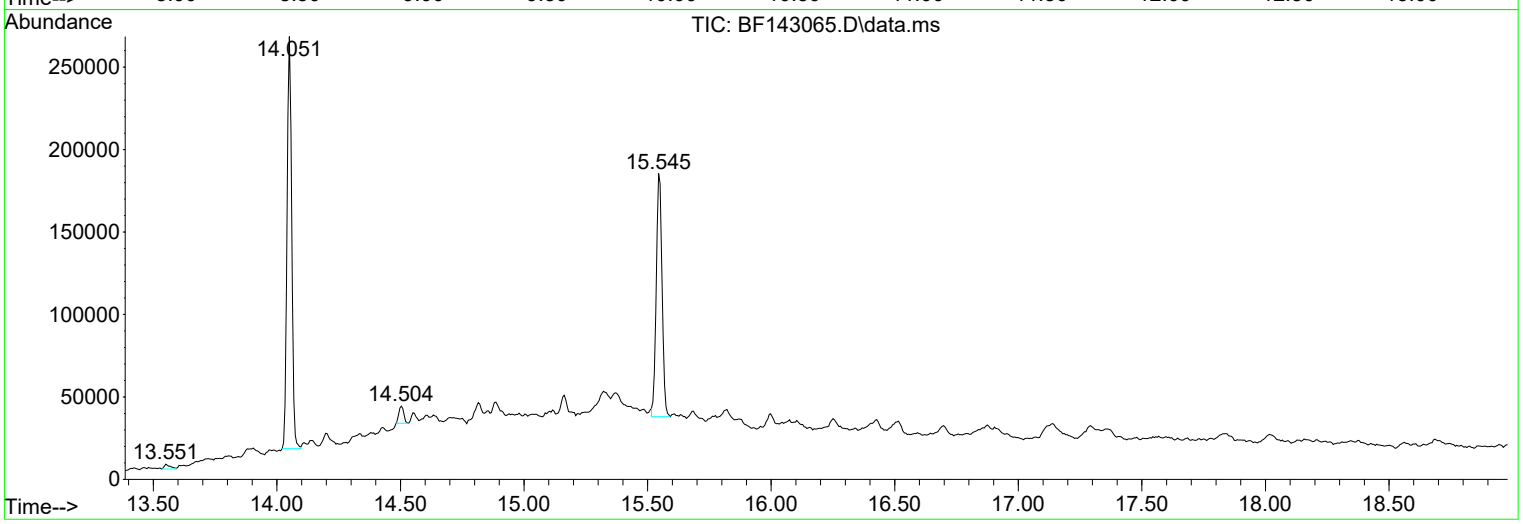
Instrument :
BNA_F
ClientSampleId :
TP-102

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: **BF143065.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

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

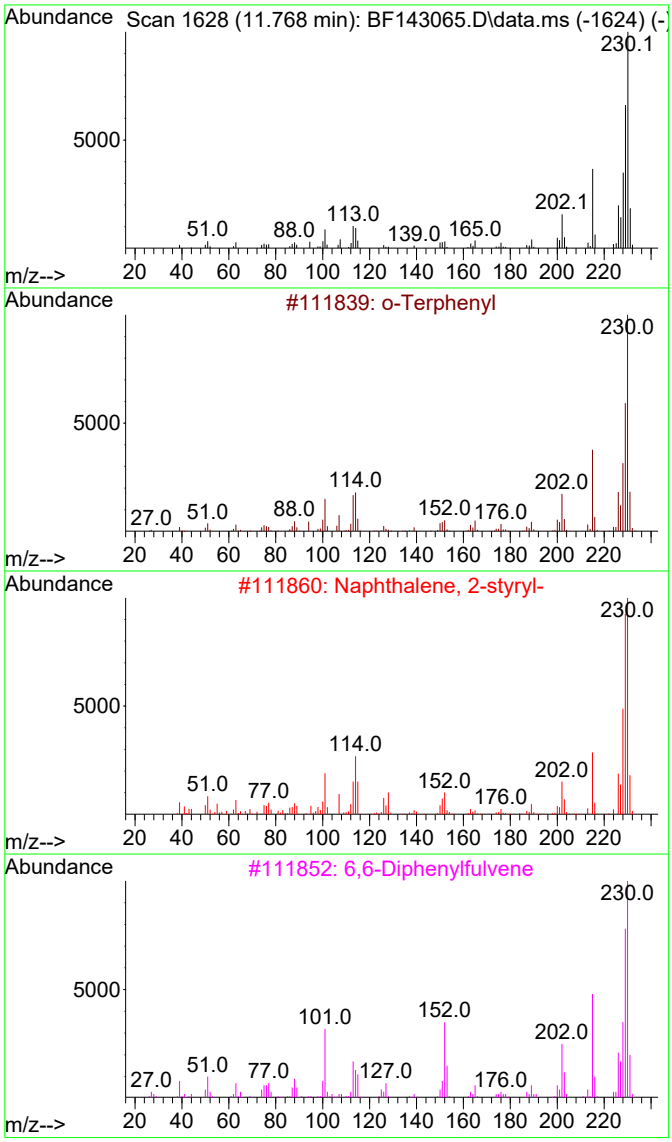
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

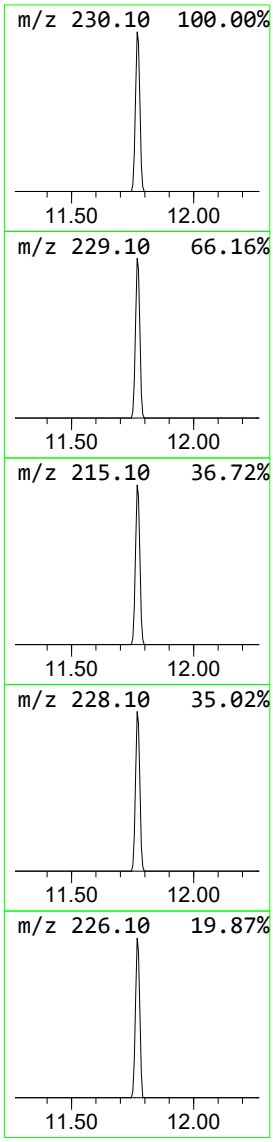
****

Peak Number 1 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	9.73 ng	130519	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	98
2	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	90
3	6,6-Diphenylfulvene	230	C18H14	002175-90-8	89
4	Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	53
5	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

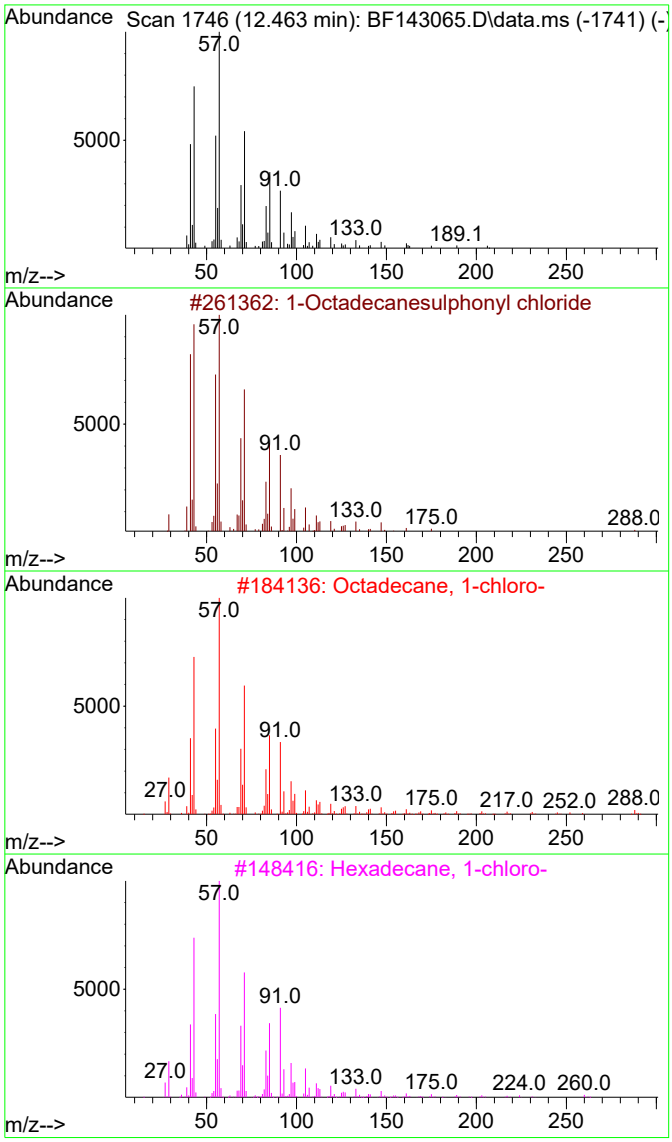
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

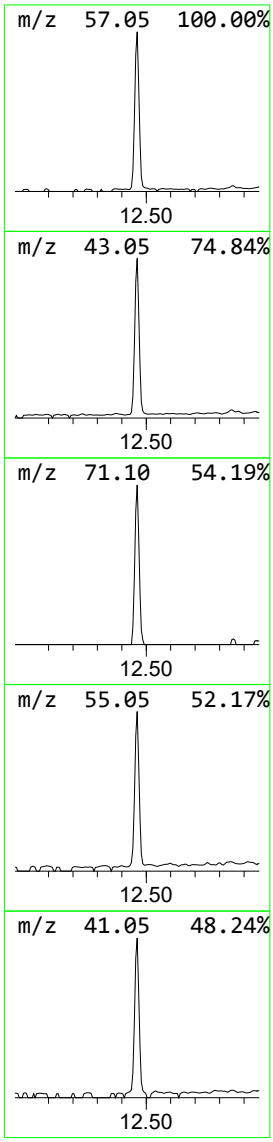
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Octadecanesulphonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	7.24 ng	97124	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	86
5	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	86





Sample Results: **BF143065.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143065.D
Acq On : 09 Jul 2025 19:33
Operator : RC/JU
Sample : Q2529-06 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-102

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
o-Terphenyl	11.769	9.7	ng	130519	4	11.404	268370	20.0
1-Octadecanesul...	12.463	7.2	ng	97124	4	11.404	268370	20.0

Raw Data: **BF143062.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-101	SDG No.:	Q2529
Lab Sample ID:	Q2529-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
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
BF143062.D	1	07/09/25 08:55	07/09/25 18:01	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.6	U	24.6	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.1	U	27.1	190	ug/Kg
95-57-8	2-Chlorophenol	27.2	U	27.2	190	ug/Kg
95-48-7	2-Methylphenol	33.3	U	33.3	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.8	U	41.8	190	ug/Kg
98-86-2	Acetophenone	32.9	U	32.9	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.8	U	45.8	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.8	U	52.8	89.1	ug/Kg
67-72-1	Hexachloroethane	19.6	U	19.6	190	ug/Kg
98-95-3	Nitrobenzene	20.4	U	20.4	190	ug/Kg
78-59-1	Isophorone	36.5	UQ	36.5	190	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	72.2	U	72.2	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.3	U	34.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.5	U	31.5	190	ug/Kg
91-20-3	Naphthalene	25.3	U	25.3	190	ug/Kg
106-47-8	4-Chloroaniline	39.4	U	39.4	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.2	U	28.2	190	ug/Kg
105-60-2	Caprolactam	58.0	U	58.0	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.0	U	32.0	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.5	U	28.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.1	UQ	22.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.4	UQ	32.4	190	ug/Kg
92-52-4	1,1-Biphenyl	24.3	U	24.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	25.1	U	25.1	190	ug/Kg
88-74-4	2-Nitroaniline	53.6	U	53.6	190	ug/Kg
131-11-3	Dimethylphthalate	30.2	U	30.2	190	ug/Kg

Raw Data: **BF143062.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-101	SDG No.:	Q2529
Lab Sample ID:	Q2529-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
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
BF143062.D	1	07/09/25 08:55	07/09/25 18:01	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.2	UQ	32.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.4	UQ	37.4	190	ug/Kg
99-09-2	3-Nitroaniline	51.2	U	51.2	190	ug/Kg
83-32-9	Acenaphthene	23.7	U	23.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.3	U	25.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.8	U	55.8	190	ug/Kg
84-66-2	Diethylphthalate	31.5	U	31.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.7	U	29.7	190	ug/Kg
86-73-7	Fluorene	28.2	U	28.2	190	ug/Kg
100-01-6	4-Nitroaniline	71.5	UQ	71.5	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.7	UQ	36.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.0	U	31.0	190	ug/Kg
118-74-1	Hexachlorobenzene	28.2	UQ	28.2	190	ug/Kg
1912-24-9	Atrazine	37.9	U	37.9	190	ug/Kg
87-86-5	Pentachlorophenol	57.2	UQ	57.2	370	ug/Kg
85-01-8	Phenanthrene	23.3	U	23.3	190	ug/Kg
120-12-7	Anthracene	37.1	UQ	37.1	190	ug/Kg
86-74-8	Carbazole	34.8	UQ	34.8	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.4	UQ	53.4	190	ug/Kg
206-44-0	Fluoranthene	33.4	U	33.4	190	ug/Kg
129-00-0	Pyrene	40.1	U	40.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.5	U	79.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.9	U	40.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	25.6	U	25.6	190	ug/Kg
218-01-9	Chrysene	22.2	U	22.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.0	U	66.0	190	ug/Kg
117-84-0	Di-n-octyl phthalate	96.7	U	96.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.2	U	21.2	190	ug/Kg

Raw Data: **BF143062.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-101	SDG No.:	Q2529
Lab Sample ID:	Q2529-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
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
BF143062.D	1	07/09/25 08:55	07/09/25 18:01	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.0	U	25.0	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.9	UQ	32.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.4	UQ	32.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.5	U	30.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.6	U	28.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.5	U	28.5	190	ug/Kg
123-91-1	1,4-Dioxane	50.4	U	50.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.5	U	30.5	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.3		18 - 112	50%	SPK: 150
13127-88-3	Phenol-d6	77.8		15 - 107	52%	SPK: 150
4165-60-0	Nitrobenzene-d5	51.0		18 - 107	51%	SPK: 100
321-60-8	2-Fluorobiphenyl	52.5		20 - 109	52%	SPK: 100
118-79-6	2,4,6-Tribromophenol	53.9		10 - 116	36%	SPK: 150
1718-51-0	Terphenyl-d14	37.8		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	47300	6.869			
1146-65-2	Naphthalene-d8	174000	8.157			
15067-26-2	Acenaphthene-d10	90400	9.91			
1517-22-2	Phenanthrene-d10	138000	11.404			
1719-03-5	Chrysene-d12	102000	14.051			
1520-96-3	Perylene-d12	114000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	AB		5.08	ug/Kg
000119-61-9	Benzophenone	200	J		10.6	ug/Kg

Raw Data: **BF143062.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-101	SDG No.:	Q2529
Lab Sample ID:	Q2529-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.7
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
BF143062.D	1	07/09/25 08:55	07/09/25 18:01	PB168767

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 : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

Quant Time: Jul 09 18:57:47 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

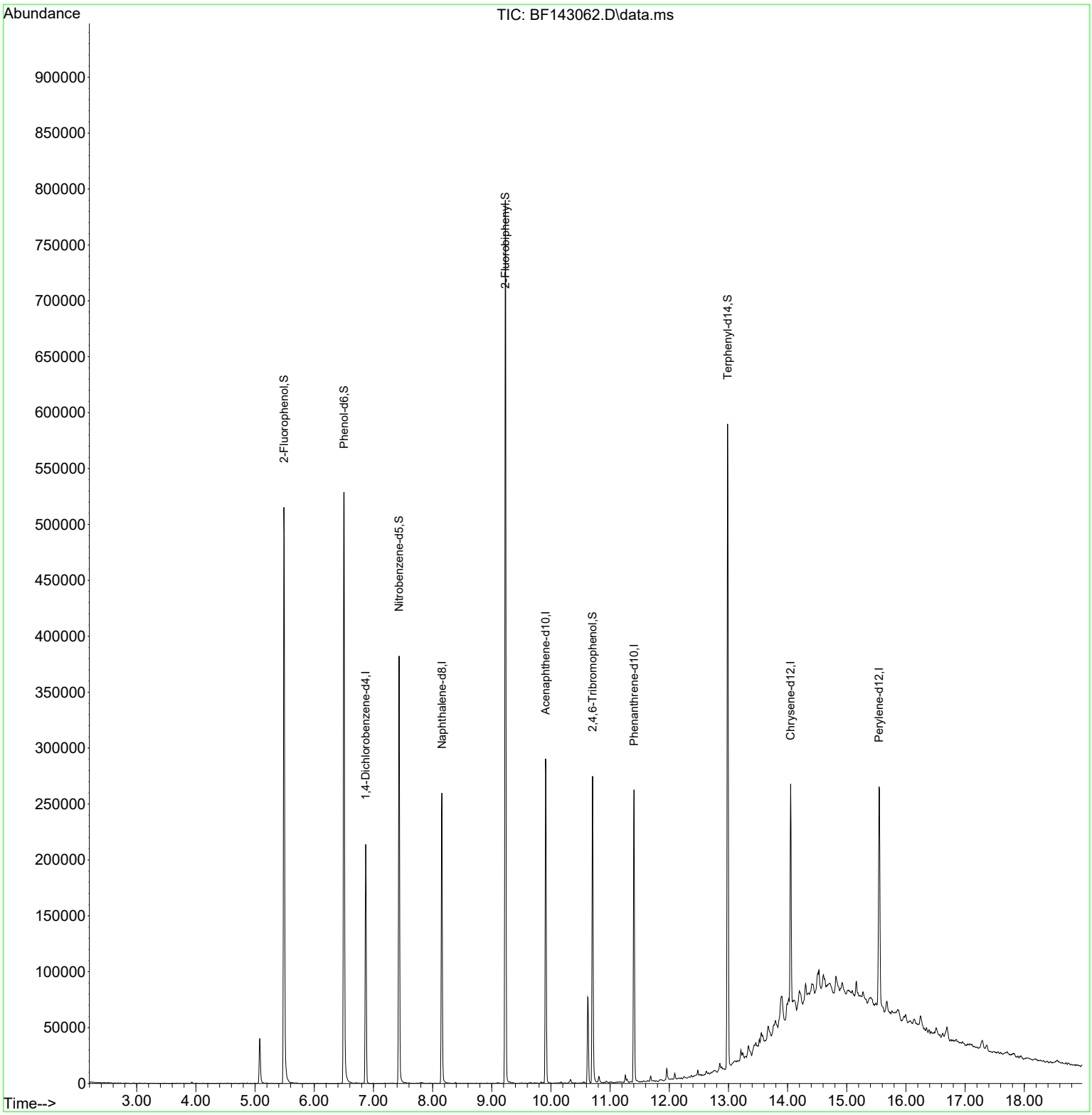
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	47254	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	174308	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	90374	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	137992	20.000	ng	0.00
76) Chrysene-d12	14.051	240	101609	20.000	ng	0.00
86) Perylene-d12	15.545	264	114308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	213697	75.293	ng	0.00
7) Phenol-d6	6.504	99	260363	77.754	ng	0.00
23) Nitrobenzene-d5	7.434	82	162220	51.047	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	50160	53.935	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	361058	52.483	ng	-0.02
79) Terphenyl-d14	12.986	244	277886	37.788	ng	-0.01
Target Compounds						Qvalue

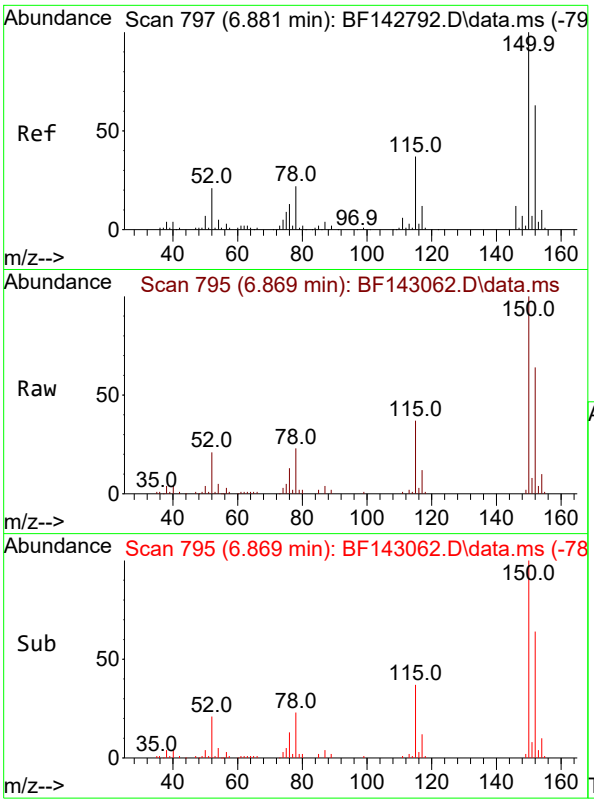
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

Quant Time: Jul 09 18:57:47 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



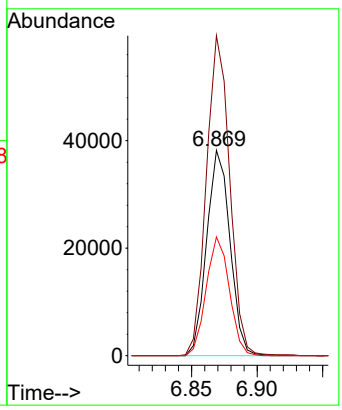


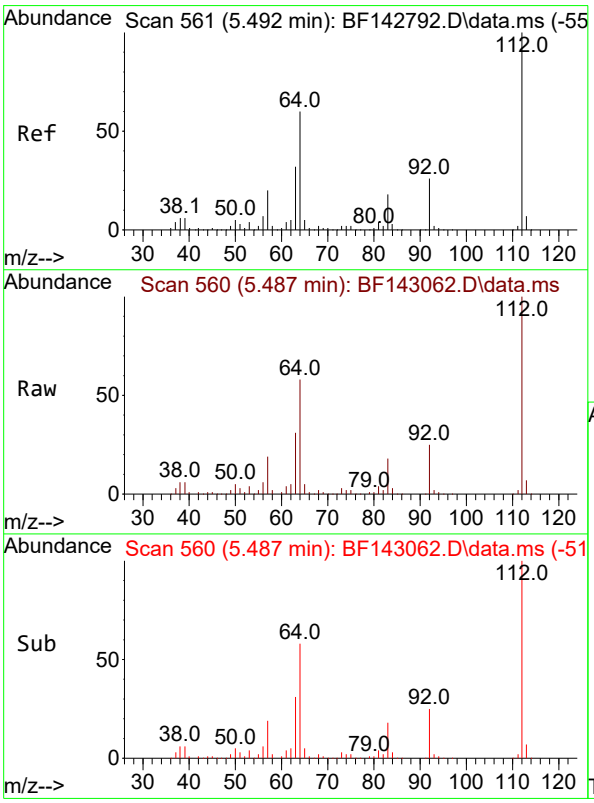
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion:152 Resp: 47254

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.2	190.8
115	57.8	46.6	69.8

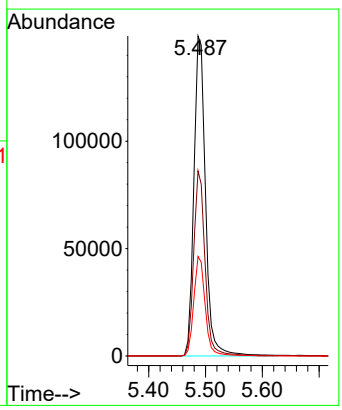


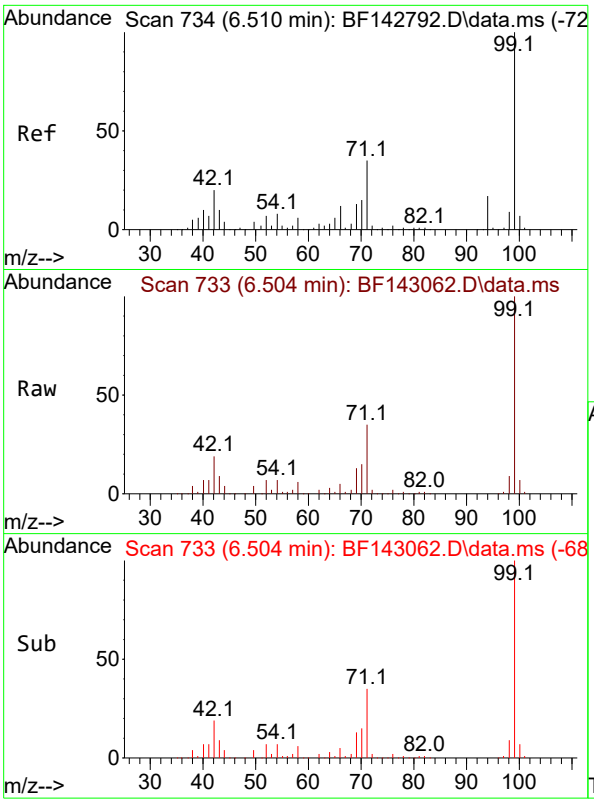


#5
2-Fluorophenol
Concen: 75.293 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.005 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:112 Resp: 213697

Ion	Ratio	Lower	Upper
112	100		
64	57.9	48.2	72.2
63	31.1	25.7	38.5



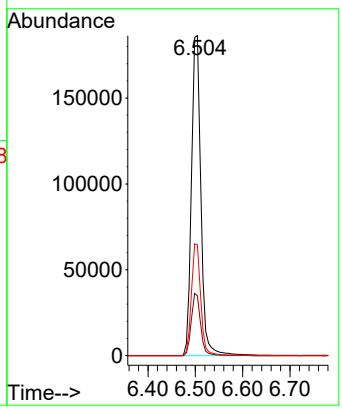


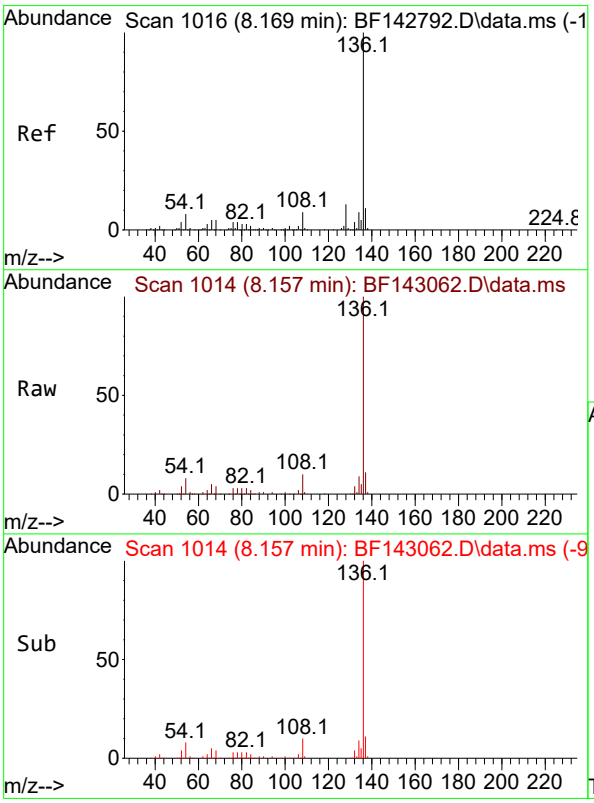
#7
Phenol-d6
Concen: 77.754 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion: 99 Resp: 260363

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.9	23.9
71	34.7	27.8	41.8

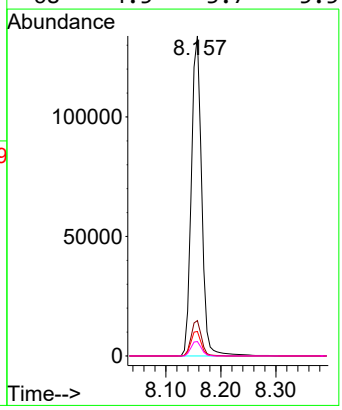


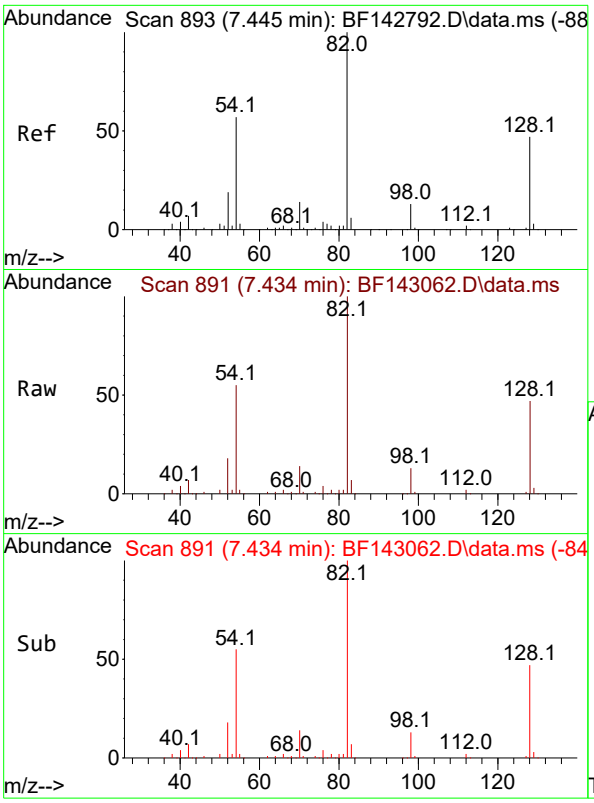


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:136 Resp: 174308

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.6	6.3	9.5
68	4.5	3.7	5.5



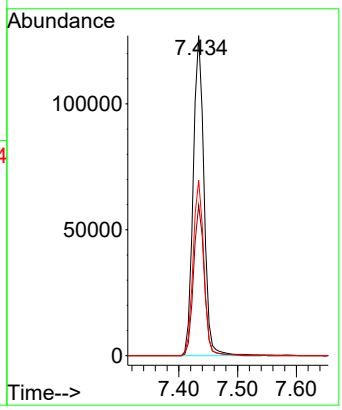


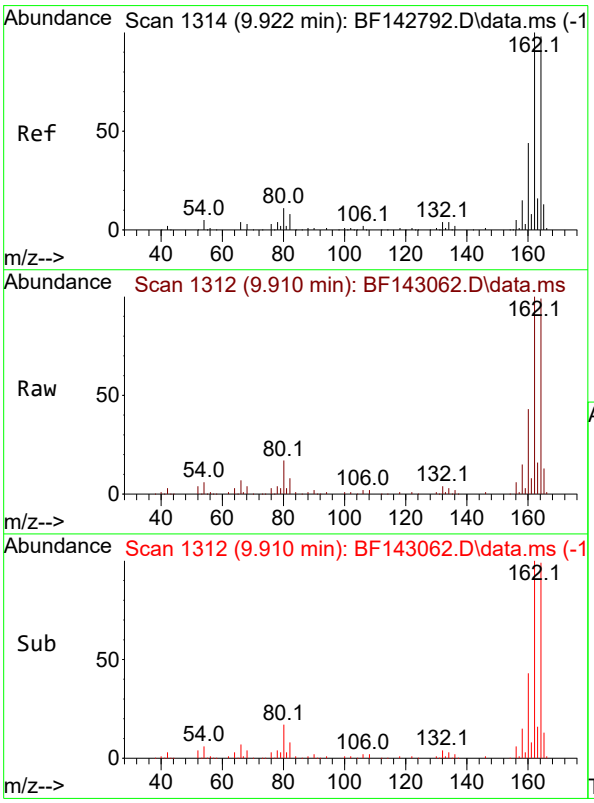
#23
Nitrobenzene-d5
Concen: 51.047 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion: 82 Resp: 162220

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.7	56.5
54	54.8	45.7	68.5

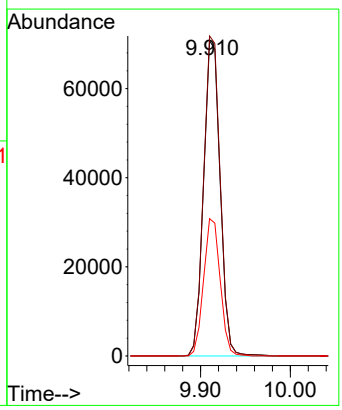


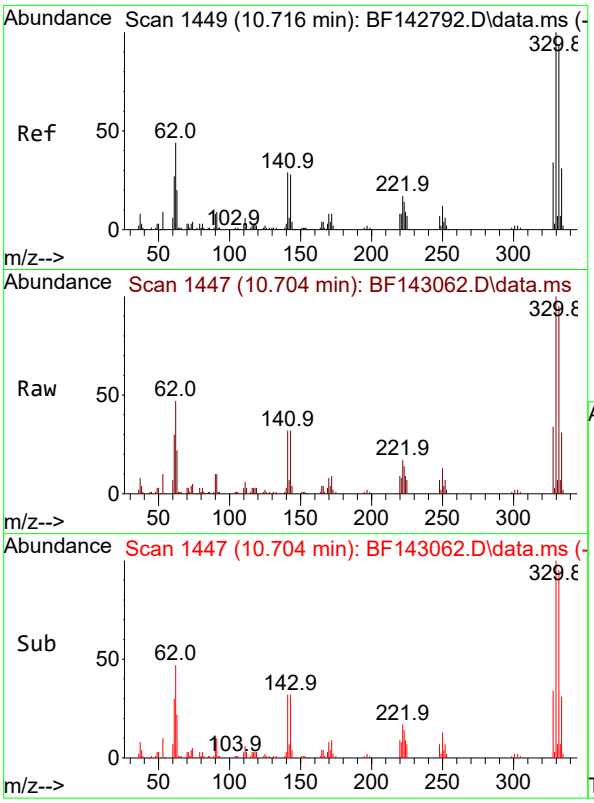


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:164 Resp: 90374

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.8
160	43.5	36.0	54.0



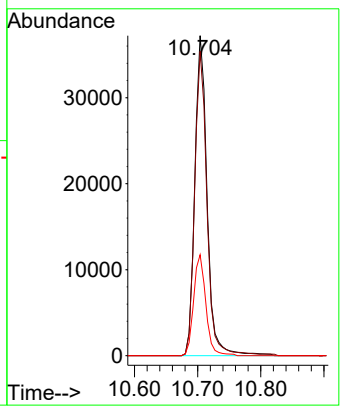


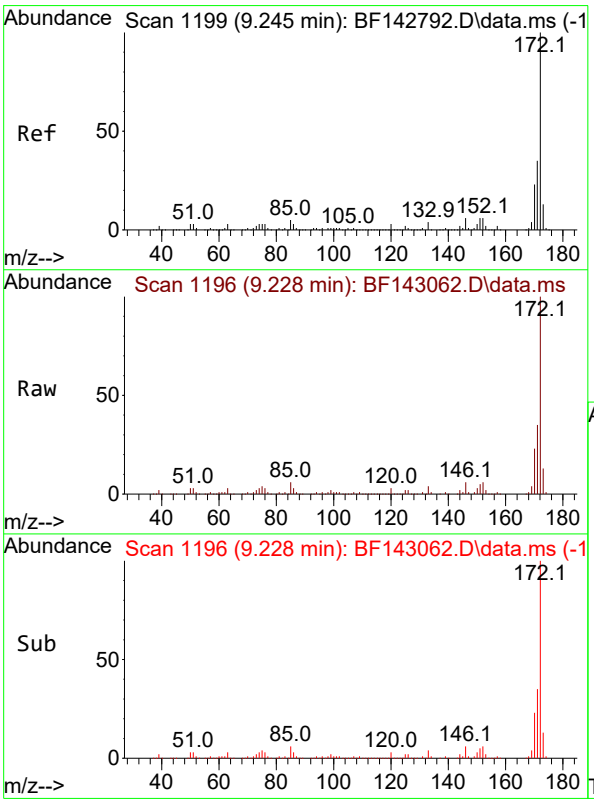
#42
2,4,6-Tribromophenol
Concen: 53.935 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion:330 Resp: 50160

Ion	Ratio	Lower	Upper
330	100		
332	94.7	75.0	112.6
141	31.4	25.3	37.9

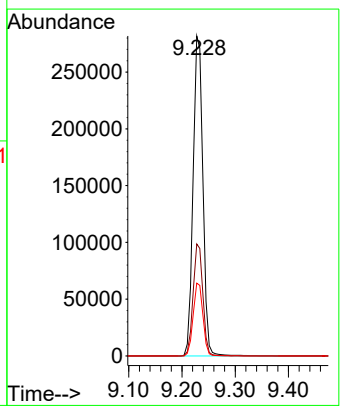


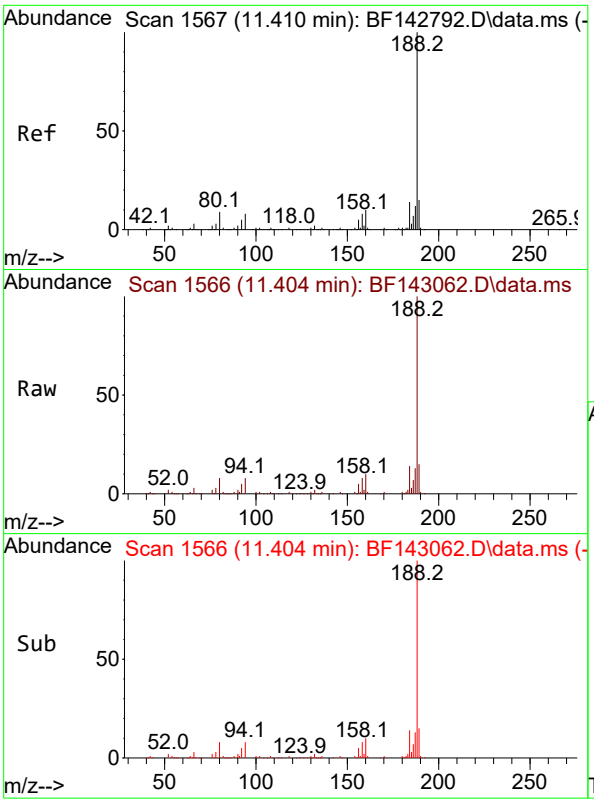


#45
2-Fluorobiphenyl
Concen: 52.483 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.017 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:172 Resp: 361058

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	22.8	18.5	27.7



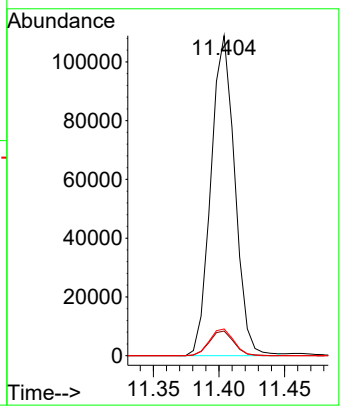


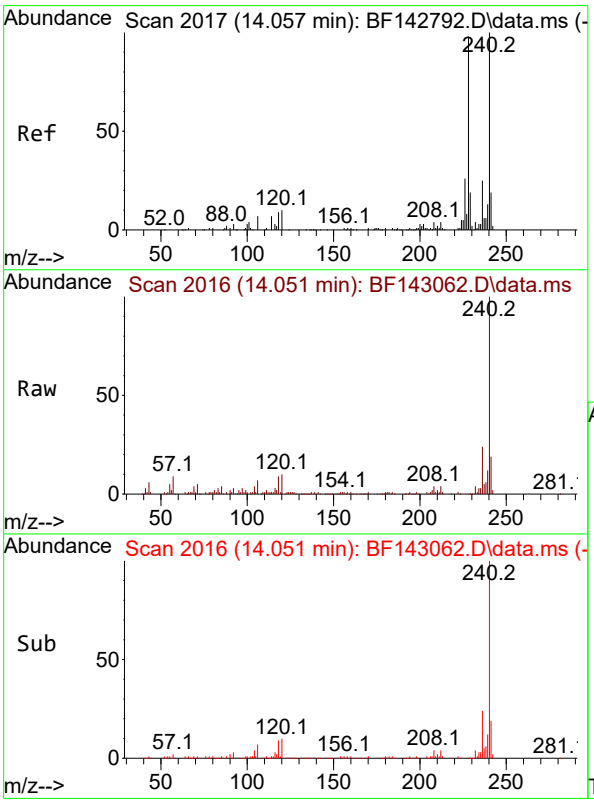
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion:188 Resp: 137992

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

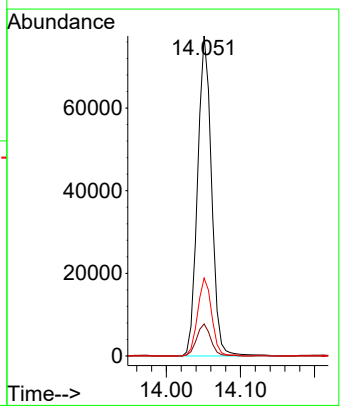


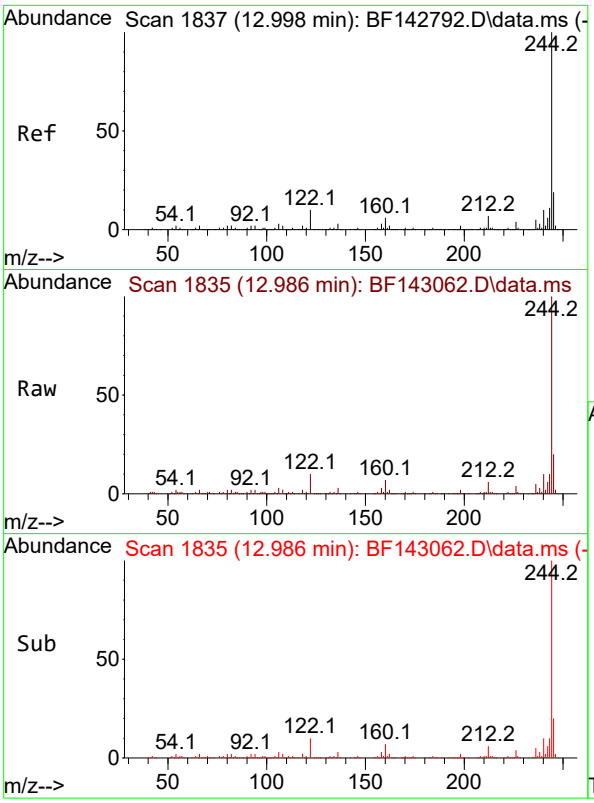


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:240 Resp: 101609

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	24.4	19.8	29.8



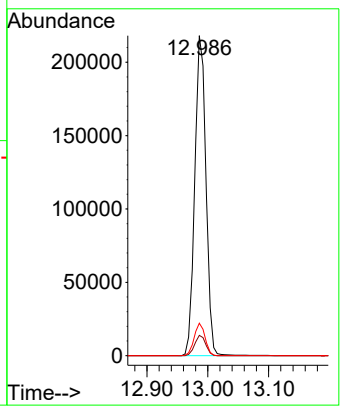


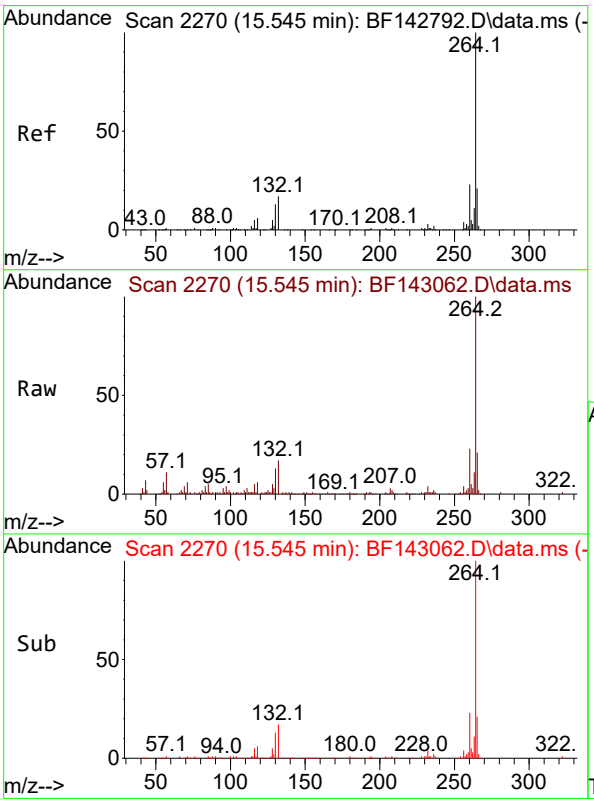
#79
Terphenyl-d14
Concen: 37.788 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Instrument :
BNA_F
ClientSampleId :
TP-101

Tgt Ion:244 Resp: 277886

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.2	8.2	12.2

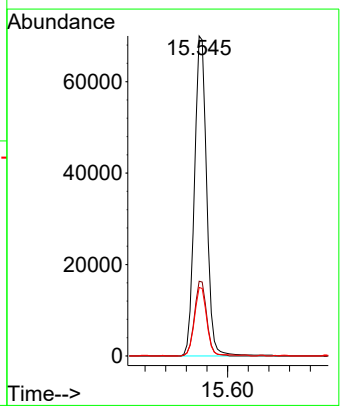




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143062.D
Acq: 09 Jul 2025 18:01

Tgt Ion:264 Resp: 114308

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.1	27.1
265	21.4	16.6	25.0



Sample Results: **BF143062.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

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: BF143062.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	483	491	507	rBV	40448	64398	6.49%	1.052%
2	5.487	555	560	579	rBV	515348	723132	72.88%	11.814%
3	6.498	727	732	754	rBV	528422	736681	74.24%	12.036%
4	6.869	790	795	802	rBV	213704	260946	26.30%	4.263%
5	7.434	886	891	905	rBV	382234	481636	48.54%	7.869%
6	8.157	1009	1014	1033	rBV	259564	332903	33.55%	5.439%
7	9.228	1191	1196	1207	rBV	789779	992246	100.00%	16.211%
8	9.910	1308	1312	1324	rVB	290041	365790	36.86%	5.976%
9	10.622	1428	1433	1442	rBV	76510	99780	10.06%	1.630%
10	10.704	1442	1447	1458	rVV	274264	359306	36.21%	5.870%
11	11.404	1561	1566	1581	rVB	261428	333027	33.56%	5.441%
12	11.957	1656	1660	1667	rBV	10082	14265	1.44%	0.233%
13	12.986	1830	1835	1844	rBV	576144	734566	74.03%	12.001%
14	13.210	1870	1873	1876	rBV3	9234	12580	1.27%	0.206%
15	13.339	1892	1895	1904	rVB4	8677	18809	1.90%	0.307%
16	14.051	2012	2016	2021	rVB	194514	241489	24.34%	3.945%
17	15.545	2265	2270	2285	rVB	201672	349242	35.20%	5.706%

Sum of corrected areas: 6120796

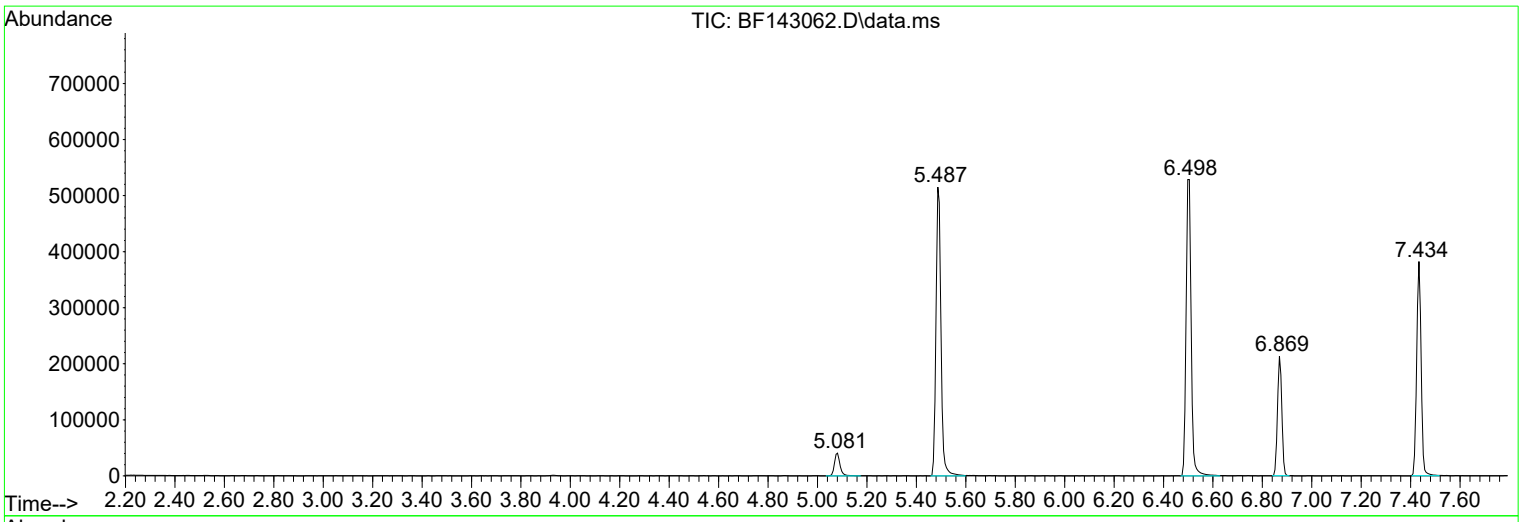
Sample Results: **BF143062.D**

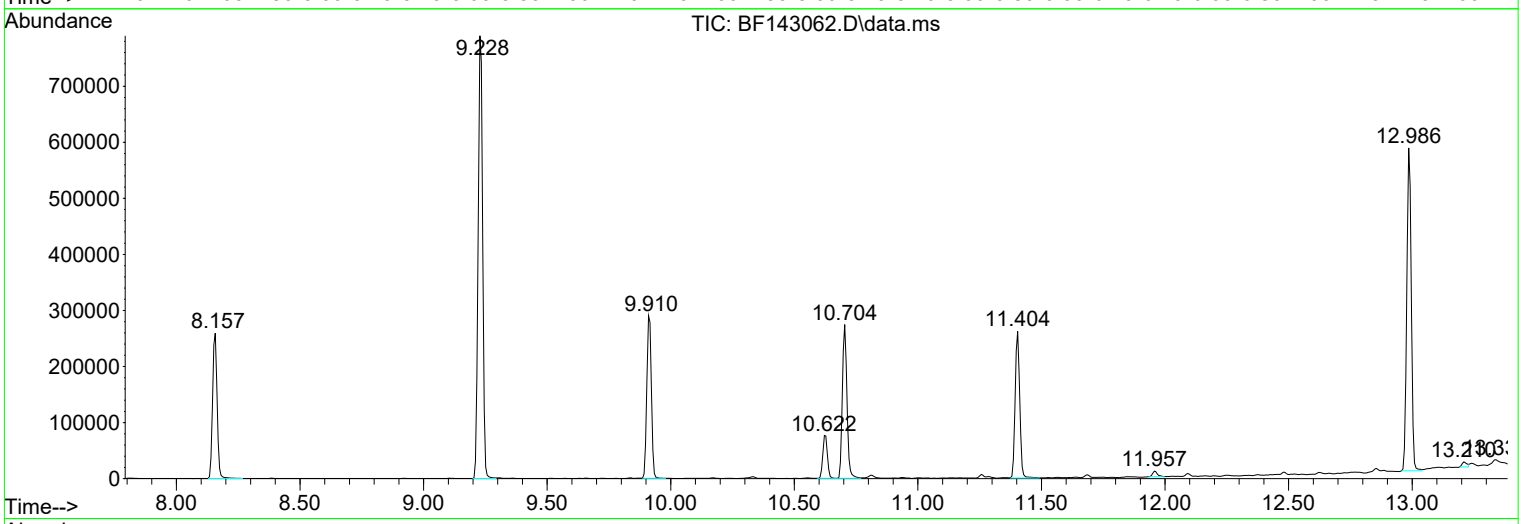
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

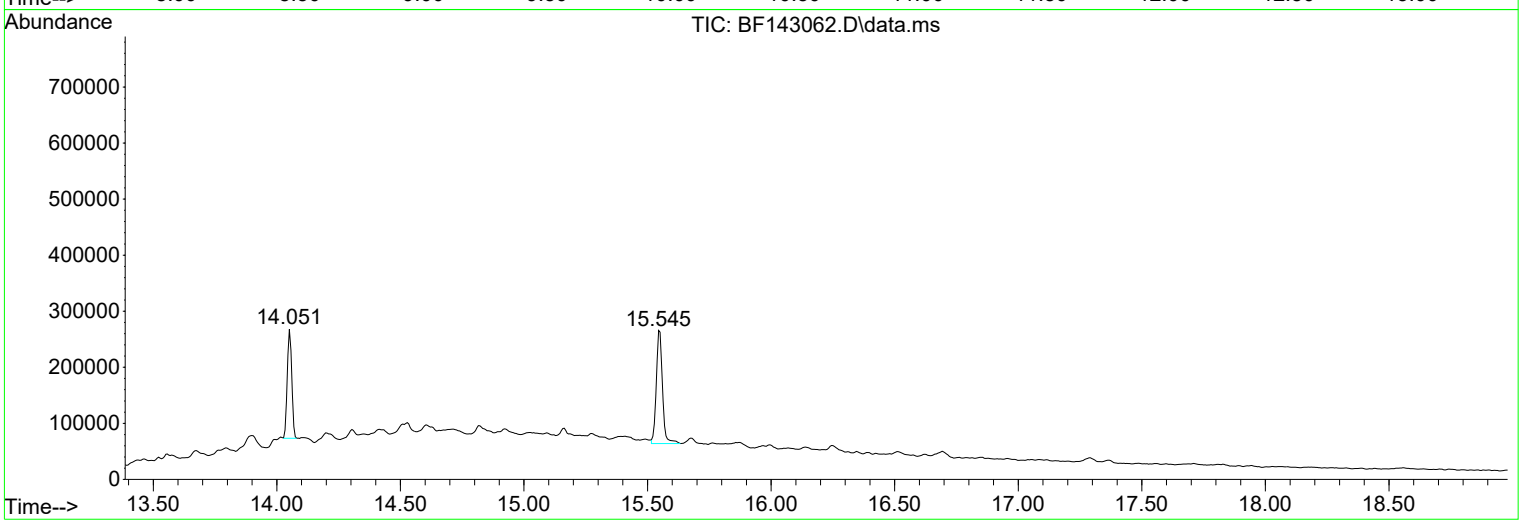
Instrument :
BNA_F
ClientSampleId :
TP-101

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: **BF143062.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

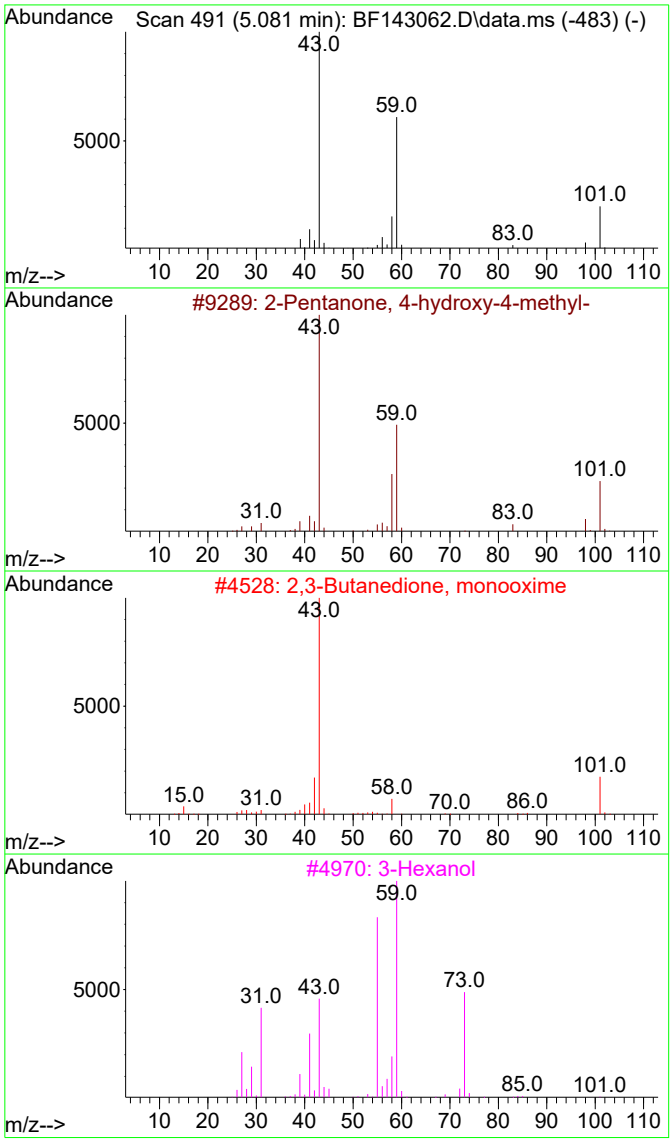
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

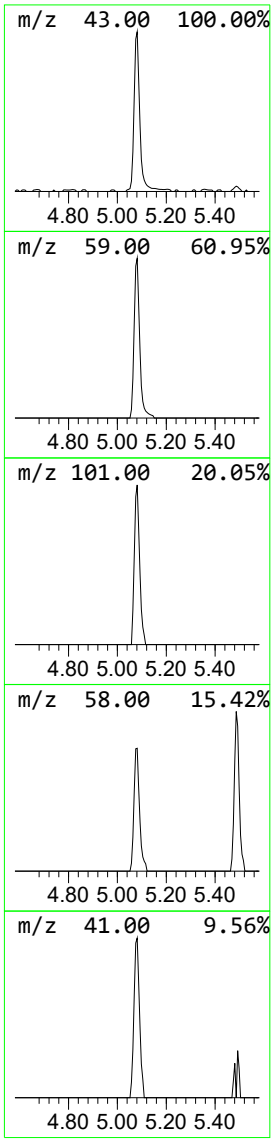
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.94 ng	64398	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Sample Results: **BF143062.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

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

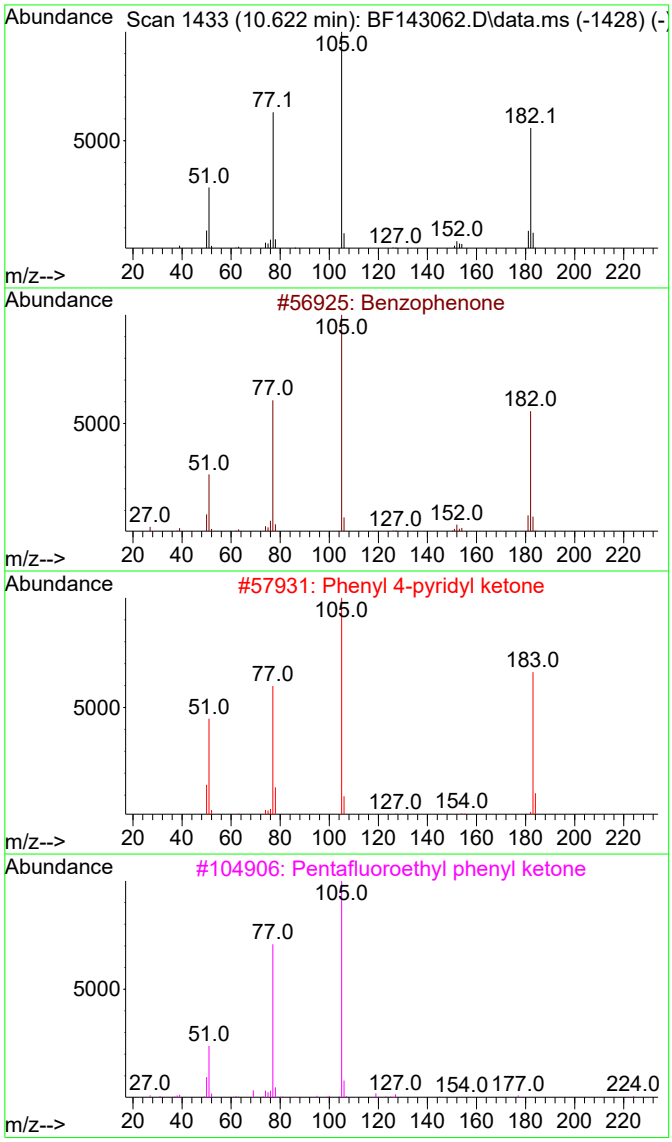
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

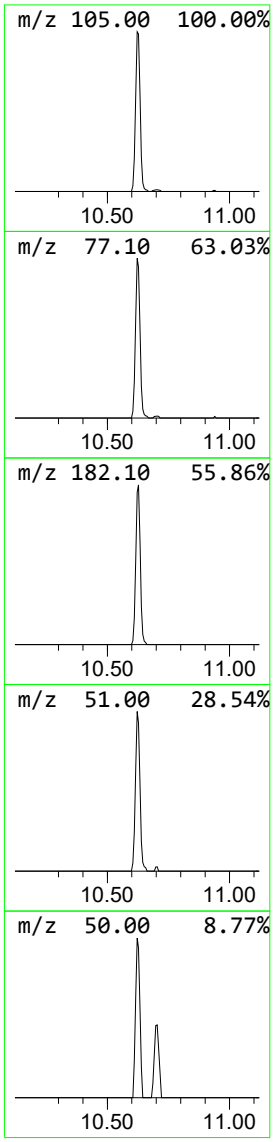
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	5.46 ng	99780	Acenaphthene-d10	9.910

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	58
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4	1,2,4-Triazine-3,5(2H,4H)-dione,...	249	C10H7N3O3S	024168-34-1	47
5	Phenacylidene diacetate	236	C12H12O5	005062-30-6	47





Sample Results: **BF143062.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143062.D
Acq On : 09 Jul 2025 18:01
Operator : RC/JU
Sample : Q2529-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-101

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-...	5.081	4.9	ng	64398	1	6.869	260946	20.0
Benzophenone	10.622	5.5	ng	99780	3	9.910	365790	20.0

Raw Data: **BM050392.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-89	SDG No.:	Q2529
Lab Sample ID:	Q2529-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
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
BM050392.D	1	07/09/25 08:55	07/10/25 16:37	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	370	ug/Kg
108-95-2	Phenol	24.5	U	24.5	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.9	U	26.9	190	ug/Kg
95-57-8	2-Chlorophenol	27.0	U	27.0	190	ug/Kg
95-48-7	2-Methylphenol	33.1	U	33.1	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.5	U	41.5	190	ug/Kg
98-86-2	Acetophenone	32.7	U	32.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.5	U	45.5	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.5	U	52.5	88.6	ug/Kg
67-72-1	Hexachloroethane	19.5	U	19.5	190	ug/Kg
98-95-3	Nitrobenzene	20.3	U	20.3	190	ug/Kg
78-59-1	Isophorone	36.3	UQ	36.3	190	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.8	U	71.8	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.1	U	34.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.3	U	31.3	190	ug/Kg
91-20-3	Naphthalene	25.1	U	25.1	190	ug/Kg
106-47-8	4-Chloroaniline	39.2	U	39.2	190	ug/Kg
87-68-3	Hexachlorobutadiene	28.0	U	28.0	190	ug/Kg
105-60-2	Caprolactam	57.7	U	57.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.8	U	31.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.4	U	28.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.9	UQ	21.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.2	UQ	32.2	190	ug/Kg
92-52-4	1,1-Biphenyl	24.1	U	24.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.9	U	24.9	190	ug/Kg
88-74-4	2-Nitroaniline	53.3	U	53.3	190	ug/Kg
131-11-3	Dimethylphthalate	30.0	U	30.0	190	ug/Kg

Raw Data: **BM050392.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-89	SDG No.:	Q2529
Lab Sample ID:	Q2529-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
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
BM050392.D	1	07/09/25 08:55	07/10/25 16:37	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	32.0	UQ	32.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.2	UQ	37.2	190	ug/Kg
99-09-2	3-Nitroaniline	51.0	U	51.0	190	ug/Kg
83-32-9	Acenaphthene	23.6	U	23.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	370	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	370	ug/Kg
132-64-9	Dibenzofuran	25.1	U	25.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.5	U	55.5	190	ug/Kg
84-66-2	Diethylphthalate	31.3	U	31.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.6	U	29.6	190	ug/Kg
86-73-7	Fluorene	28.0	U	28.0	190	ug/Kg
100-01-6	4-Nitroaniline	71.1	UQ	71.1	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.4	UQ	36.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.8	U	30.8	190	ug/Kg
118-74-1	Hexachlorobenzene	28.0	UQ	28.0	190	ug/Kg
1912-24-9	Atrazine	37.7	U	37.7	190	ug/Kg
87-86-5	Pentachlorophenol	56.8	UQ	56.8	370	ug/Kg
85-01-8	Phenanthrene	23.2	U	23.2	190	ug/Kg
120-12-7	Anthracene	36.9	UQ	36.9	190	ug/Kg
86-74-8	Carbazole	34.6	UQ	34.6	190	ug/Kg
84-74-2	Di-n-butylphthalate	53.1	UQ	53.1	190	ug/Kg
206-44-0	Fluoranthene	33.2	U	33.2	190	ug/Kg
129-00-0	Pyrene	39.9	U	39.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	79.1	U	79.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.7	U	40.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	25.5	U	25.5	190	ug/Kg
218-01-9	Chrysene	22.0	U	22.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.6	U	65.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	96.1	U	96.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.0	U	21.0	190	ug/Kg

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-89	SDG No.:	Q2529
Lab Sample ID:	Q2529-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
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
BM050392.D	1	07/09/25 08:55	07/10/25 16:37	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.8	U	24.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.7	UQ	32.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.2	UQ	32.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.4	U	30.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.5	U	28.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.4	U	28.4	190	ug/Kg
123-91-1	1,4-Dioxane	50.1	U	50.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.4	U	30.4	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	125		18 - 112	83%	SPK: 150
13127-88-3	Phenol-d6	127		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.3		18 - 107	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.0		20 - 109	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		10 - 116	98%	SPK: 150
1718-51-0	Terphenyl-d14	82.8		10 - 105	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	535000	7.863			
1146-65-2	Naphthalene-d8	1950000	10.657			
15067-26-2	Acenaphthene-d10	1230000	14.492			
1517-22-2	Phenanthrene-d10	2480000	17.227			
1719-03-5	Chrysene-d12	2460000	21.45			
1520-96-3	Perylene-d12	2320000	24.491			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	560	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB		4.97	ug/Kg
000119-61-9	Benzophenone	260	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	160	J		18.1	ug/Kg
000557-61-9	Octacosanol	85.3	J		21.1	ug/Kg

Raw Data: **BM050392.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-89	SDG No.:	Q2529
Lab Sample ID:	Q2529-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.1
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
BM050392.D	1	07/09/25 08:55	07/10/25 16:37	PB168767

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: **BM050392.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

Quant Time: Jul 10 17:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

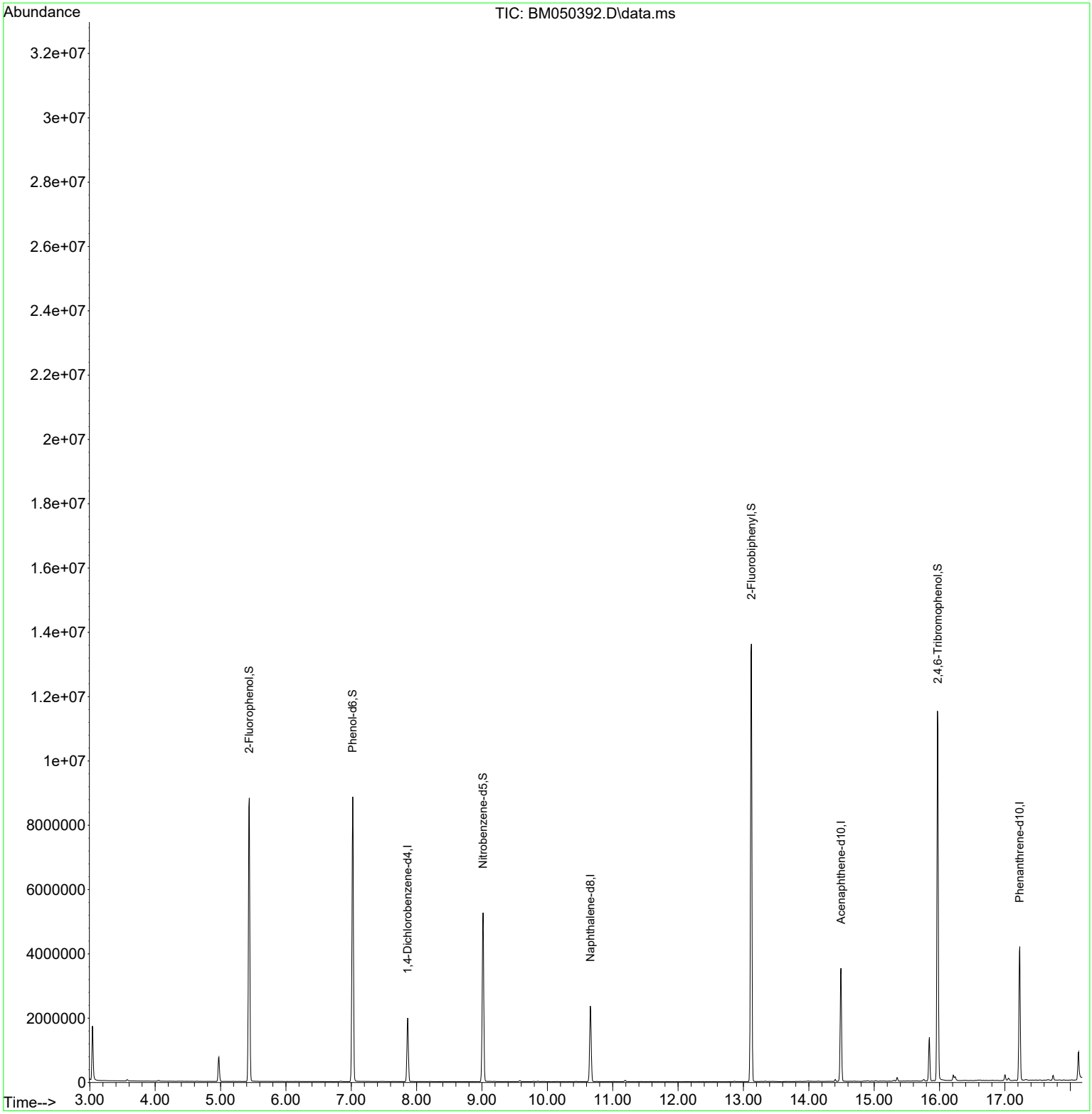
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	534860	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1946890	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1231743	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	2477433	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2462748	20.000	ng	0.00
86) Perylene-d12	24.491	264	2316006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	3882822	124.959	ng	0.00
7) Phenol-d6	7.022	99	4959288	126.608	ng	0.00
23) Nitrobenzene-d5	9.016	82	2911700	76.301	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	2201990	147.135	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	7279925	72.988	ng	0.00
79) Terphenyl-d14	19.839	244	11587106	82.782	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

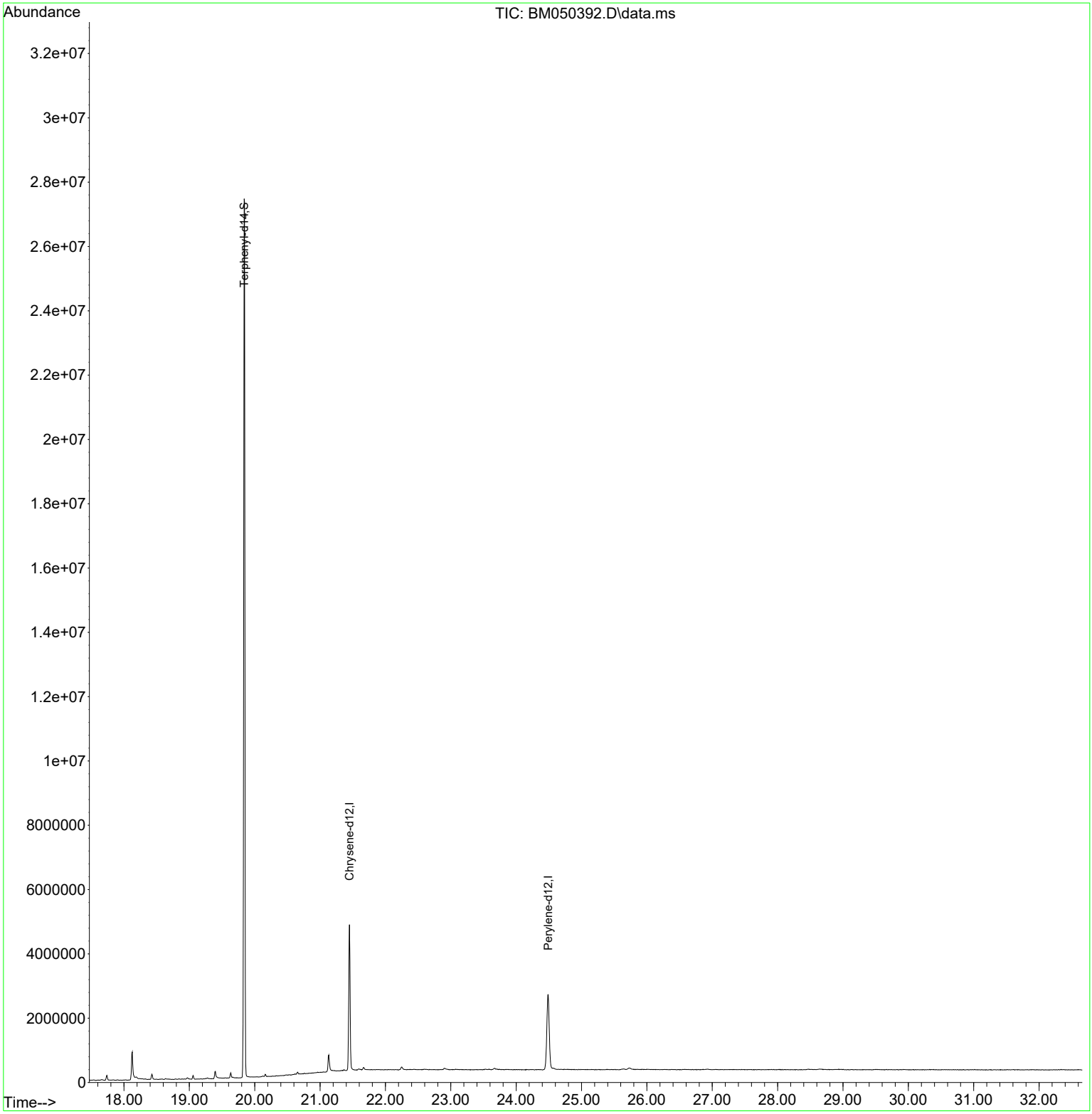
Quant Time: Jul 10 17:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

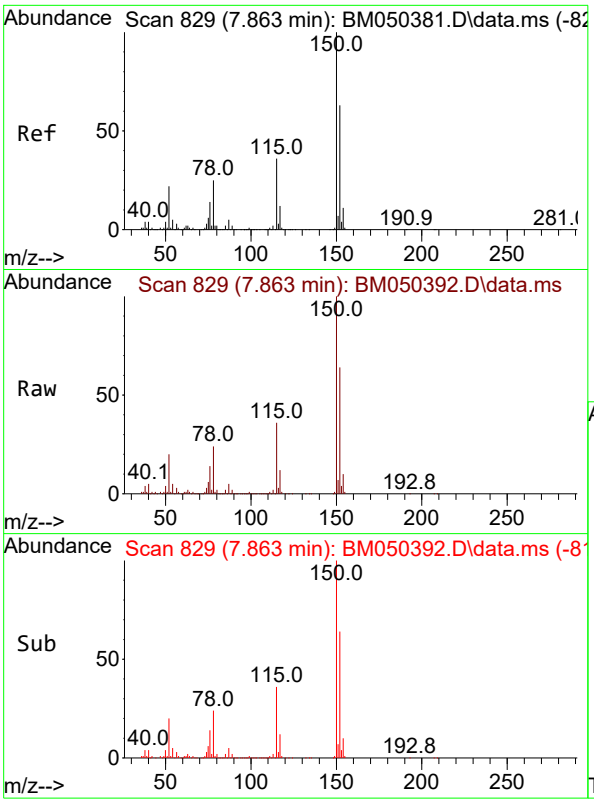


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

Quant Time: Jul 10 17:13:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



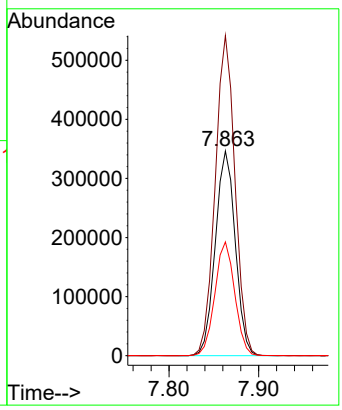


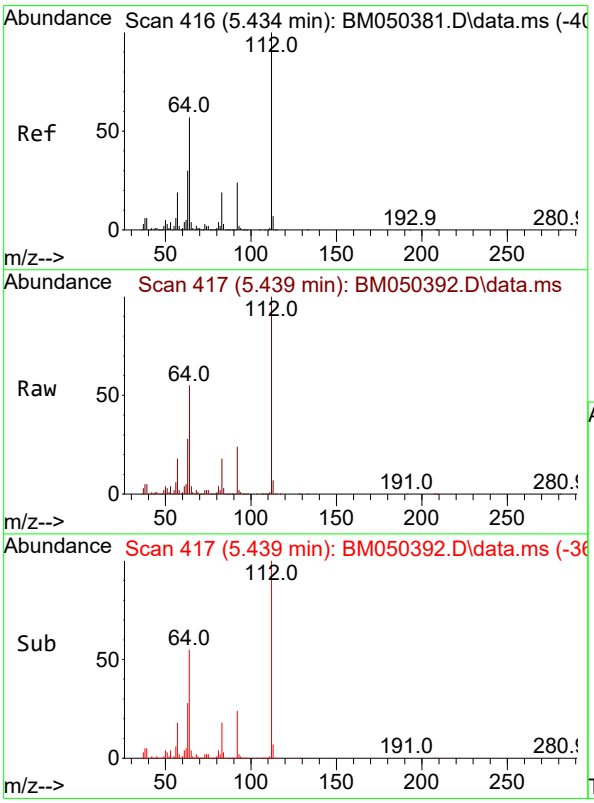
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion:152 Resp: 534860

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.4
115	55.6	45.8	68.8

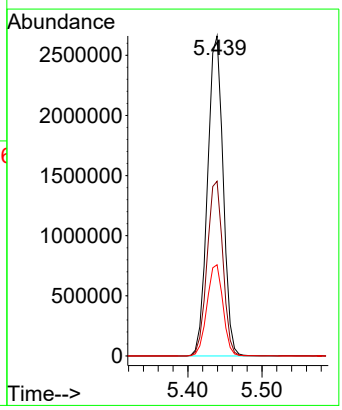


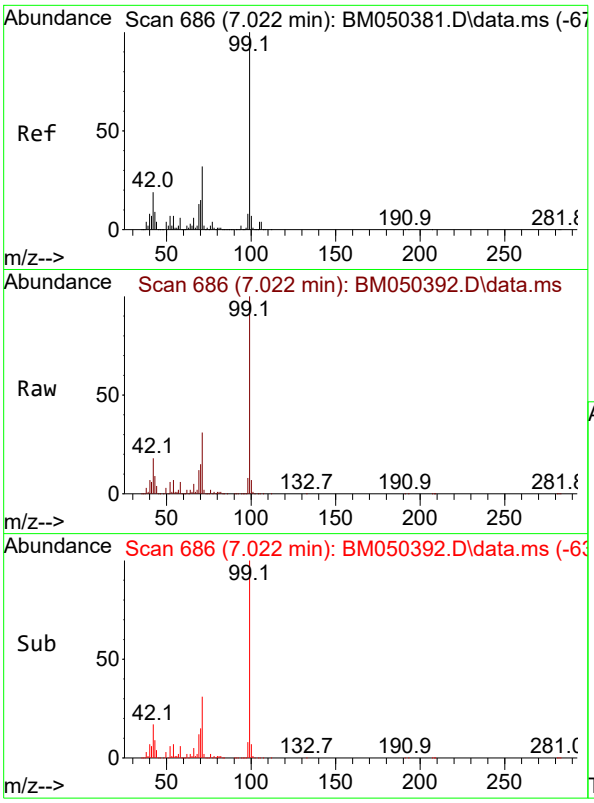


#5
2-Fluorophenol
Concen: 124.959 ng
RT: 5.439 min Scan# 417
Delta R.T. 0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:112 Resp: 3882822

Ion	Ratio	Lower	Upper
112	100		
64	54.6	45.5	68.3
63	28.5	24.2	36.4



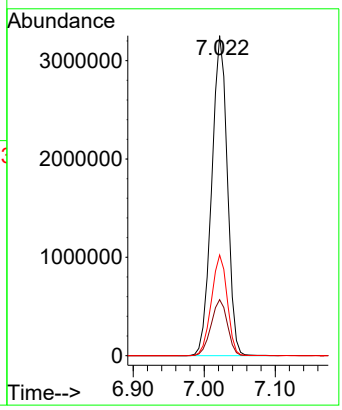


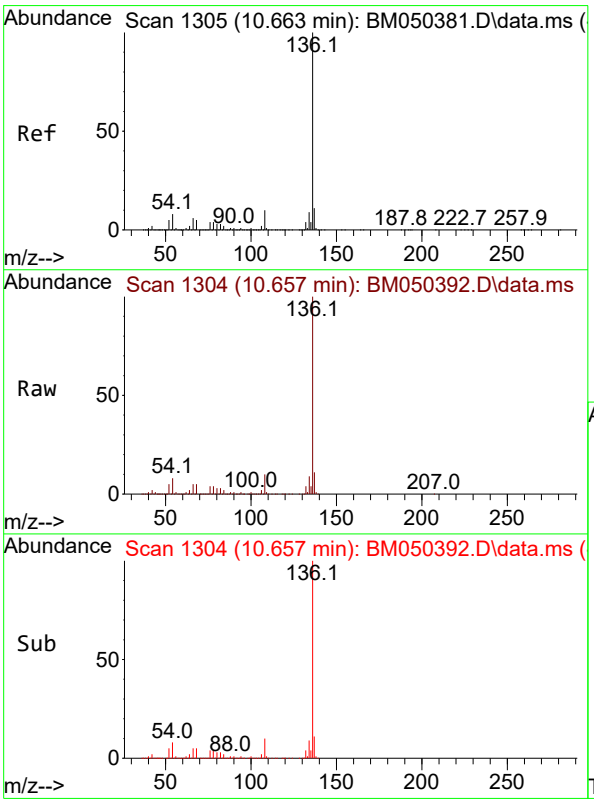
#7
Phenol-d6
Concen: 126.608 ng
RT: 7.022 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion: 99 Resp: 4959288

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.6
71	31.4	25.9	38.9

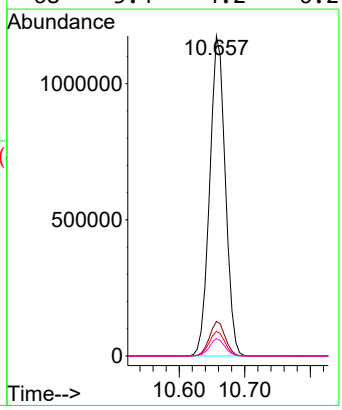


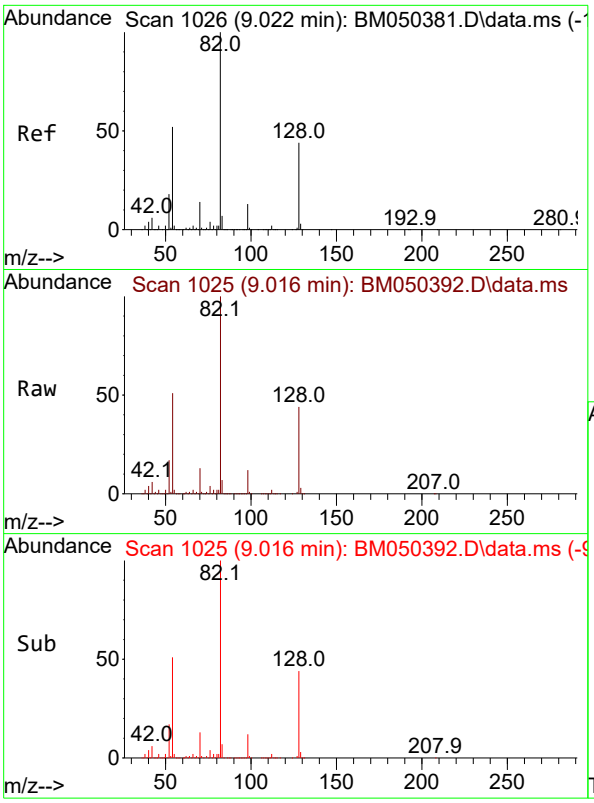


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:136 Resp: 1946890

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	5.4	4.2	6.2



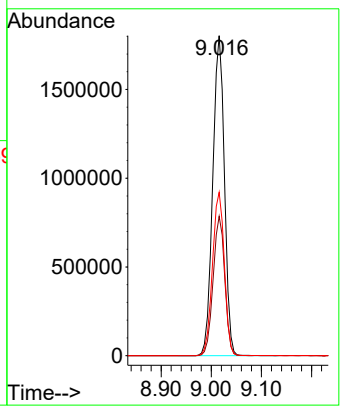


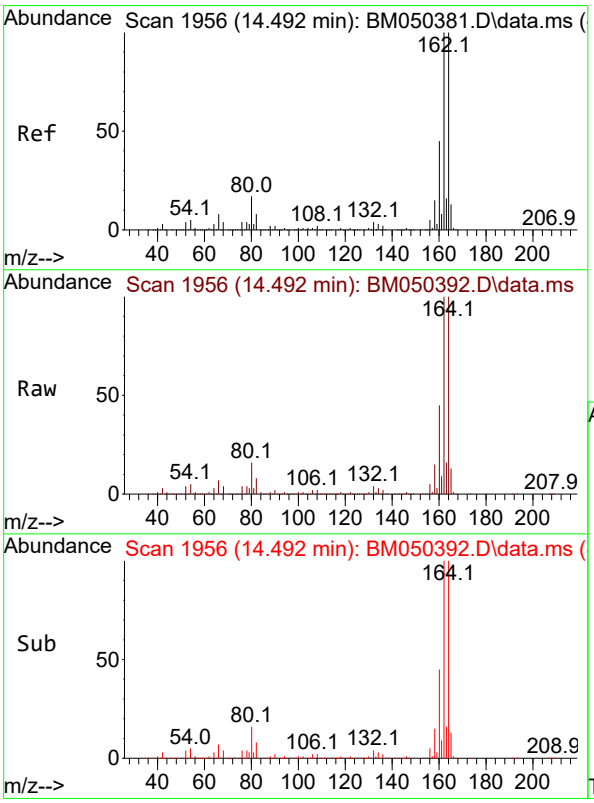
#23
Nitrobenzene-d5
Concen: 76.301 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion: 82 Resp: 2911700

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	51.0	41.5	62.3

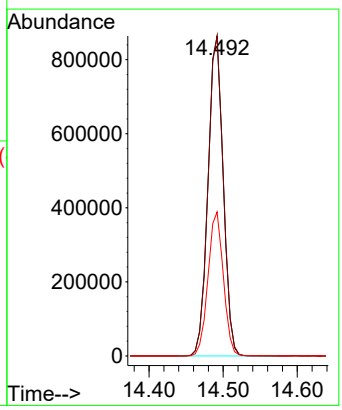


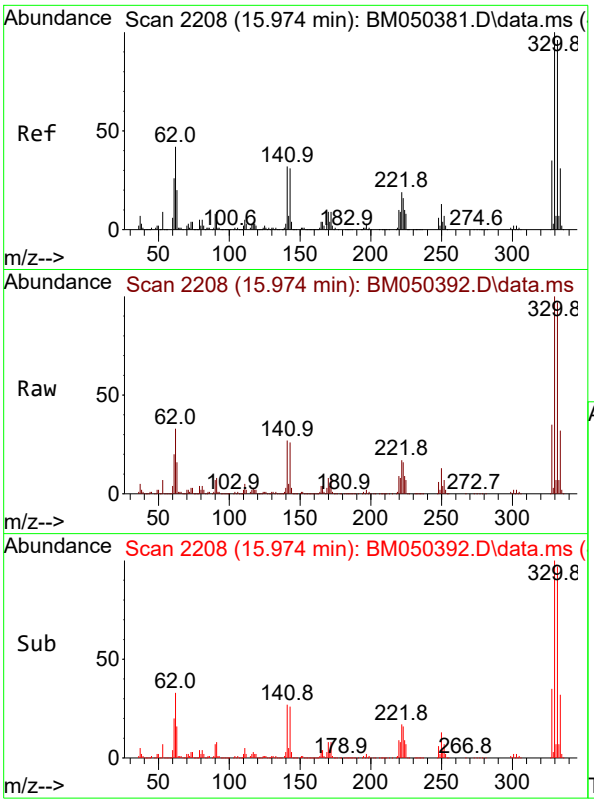


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:164 Resp: 1231743

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.9	119.9
160	45.1	36.2	54.4



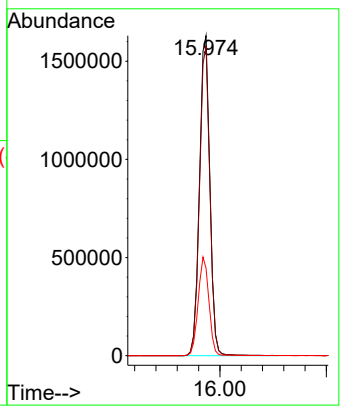


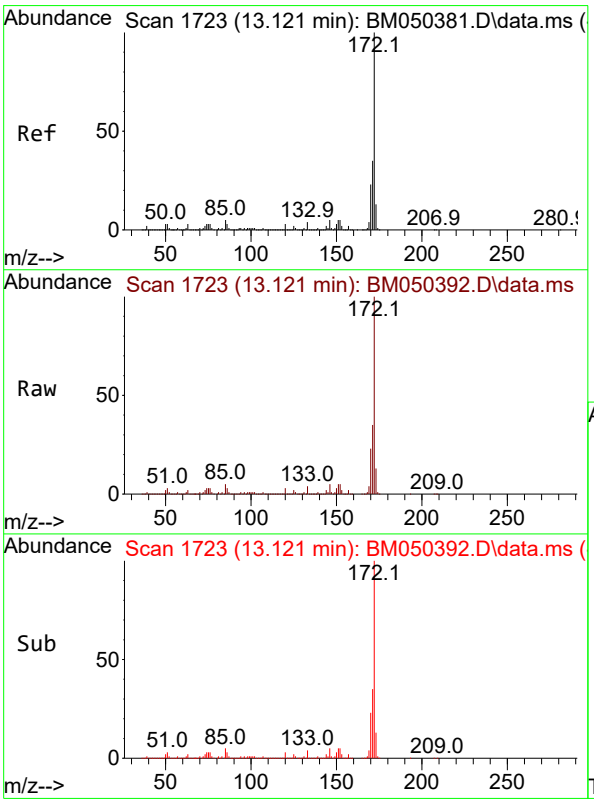
#42
2,4,6-Tribromophenol
Concen: 147.135 ng
RT: 15.974 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion:330 Resp: 2201990

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.0	27.4	41.0

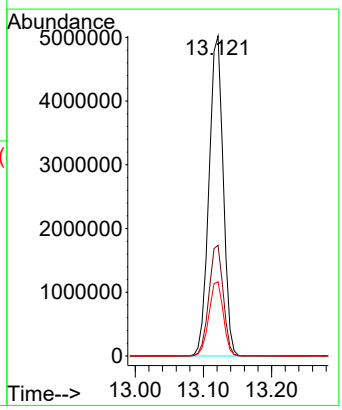


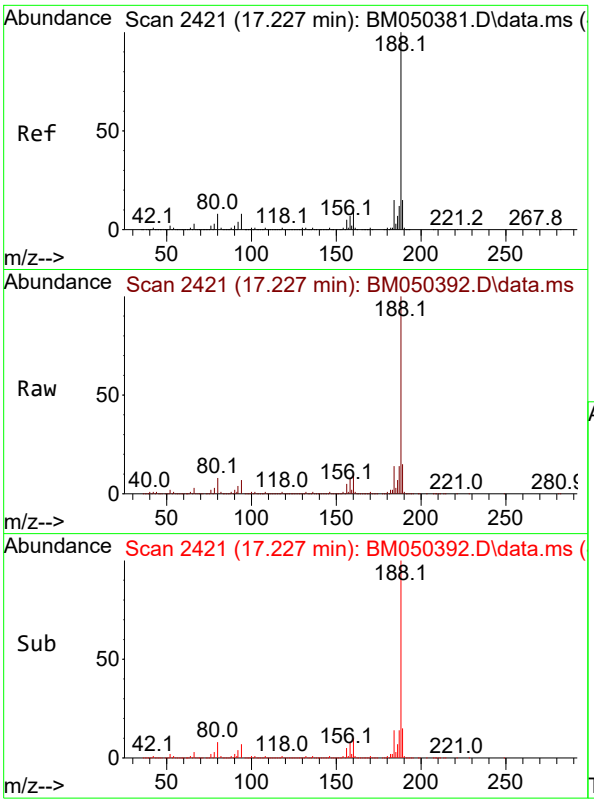


#45
2-Fluorobiphenyl
Concen: 72.988 ng
RT: 13.121 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:172 Resp: 7279925

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.2	18.8	28.2



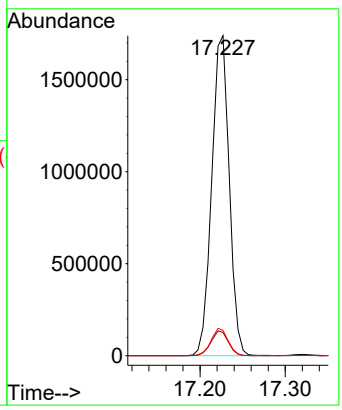


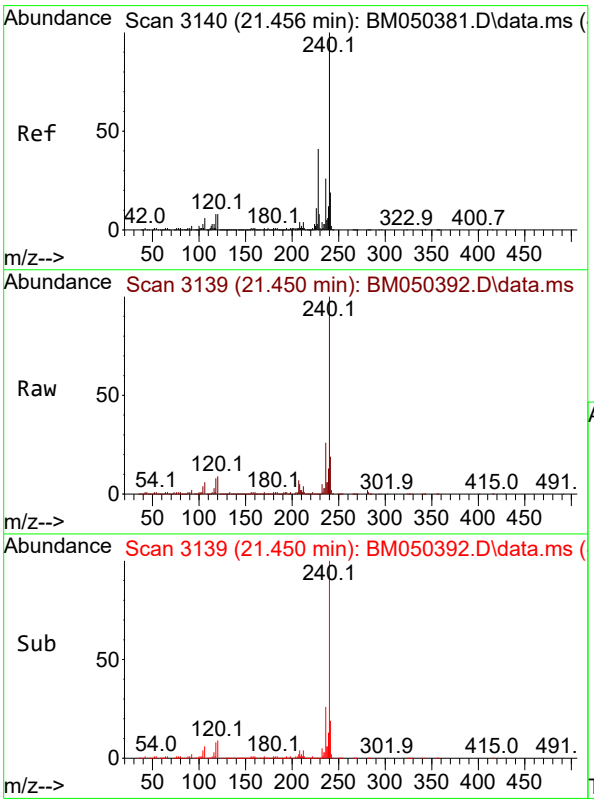
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion:188 Resp: 2477433

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	7.9	6.5	9.7

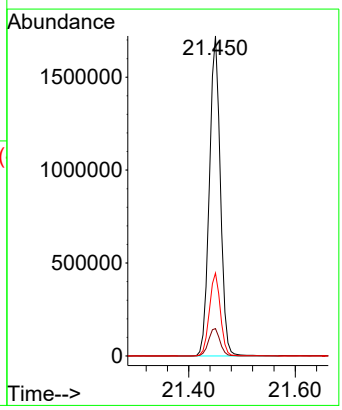


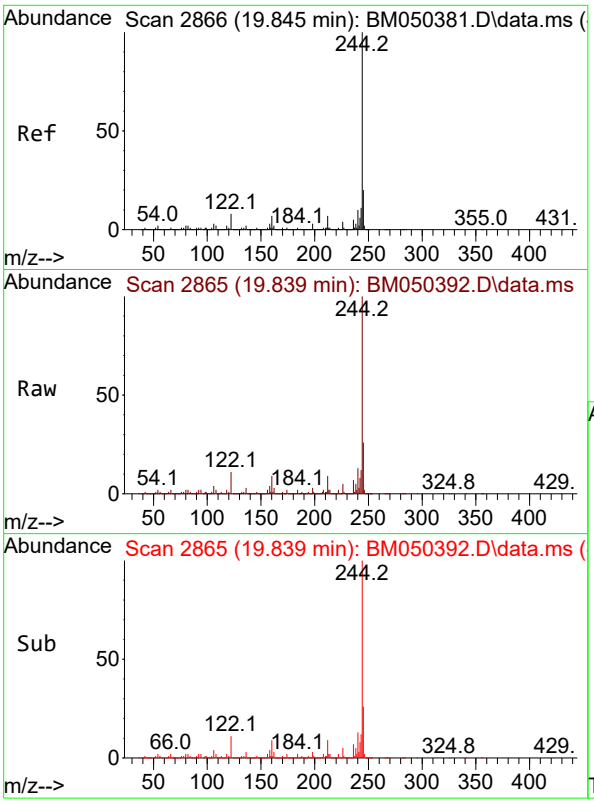


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:240 Resp: 2462748

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.7	10.1
236	25.9	20.7	31.1



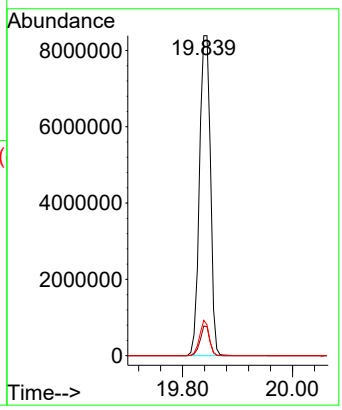


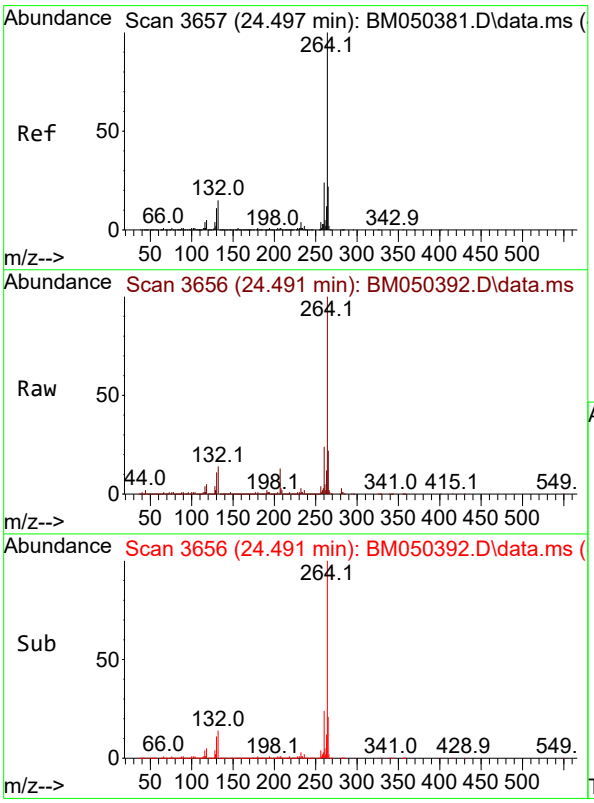
#79
Terphenyl-d14
Concen: 82.782 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Instrument :
BNA_M
ClientSampleId :
TP-89

Tgt Ion:244 Resp:11587106

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.7	8.5#
122	11.0	6.2	9.2#

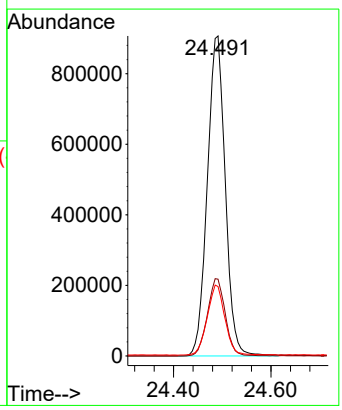




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050392.D
Acq: 10 Jul 2025 16:37

Tgt Ion:264 Resp: 2316006

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.8	26.6



Sample Results: **BM050392.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

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

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

Signal : TIC: BM050392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	24	rVB	1693147	2298985	6.74%	1.591%
2	4.975	331	338	345	rBV	757848	1110517	3.26%	0.768%
3	5.439	409	417	427	rBV	8815382	13092000	38.38%	9.059%
4	7.022	677	686	700	rBV	8854004	13850012	40.61%	9.584%
5	7.863	821	829	837	rBV	1976374	3049208	8.94%	2.110%
6	9.016	1016	1025	1037	rBV	5255117	8648625	25.36%	5.985%
7	10.657	1296	1304	1314	rBV	2352805	3921662	11.50%	2.714%
8	13.121	1715	1723	1735	rBV	13611521	20227911	59.31%	13.997%
9	14.492	1946	1956	1964	rBV	3520992	5147204	15.09%	3.562%
10	15.845	2180	2186	2193	rVB	1356322	1834114	5.38%	1.269%
11	15.968	2200	2207	2221	rBV	11497663	16308309	47.81%	11.285%
12	17.227	2414	2421	2431	rBV	4161810	5998330	17.59%	4.151%
13	18.127	2568	2574	2581	rBV	864999	1322833	3.88%	0.915%
14	19.397	2785	2790	2801	rBV	233631	433430	1.27%	0.300%
15	19.839	2859	2865	2876	rBV	27327060	34107255	100.00%	23.601%
16	21.133	3081	3085	3093	rBV2	497165	761544	2.23%	0.527%
17	21.450	3133	3139	3150	rBV	4520866	6588385	19.32%	4.559%
18	24.491	3647	3656	3668	rBV	2298644	5816630	17.05%	4.025%

Sum of corrected areas: 144516954

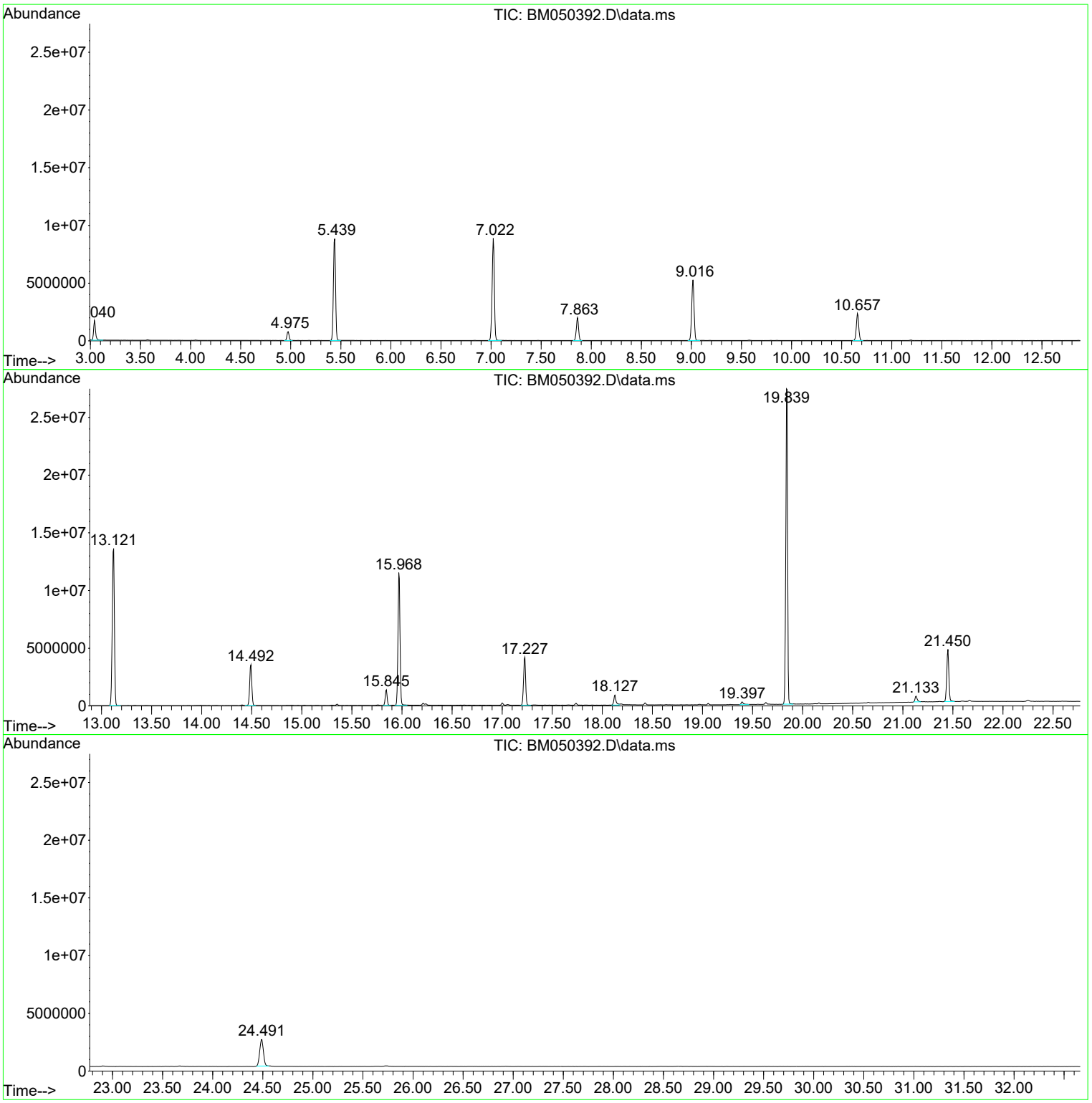
Sample Results: **BM050392.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

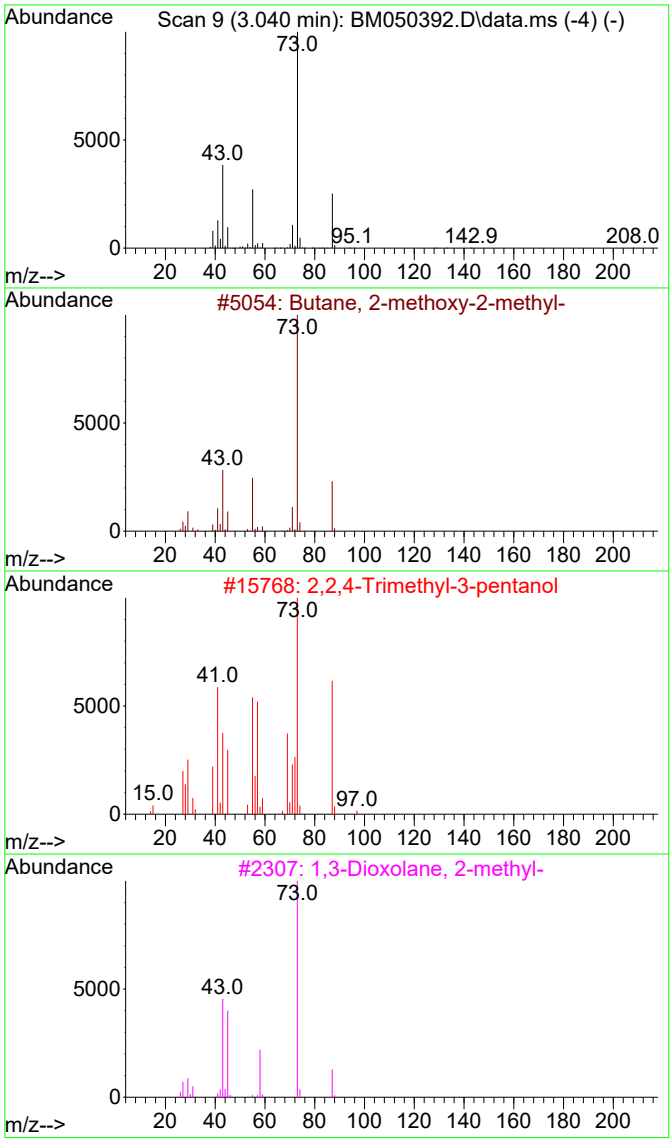
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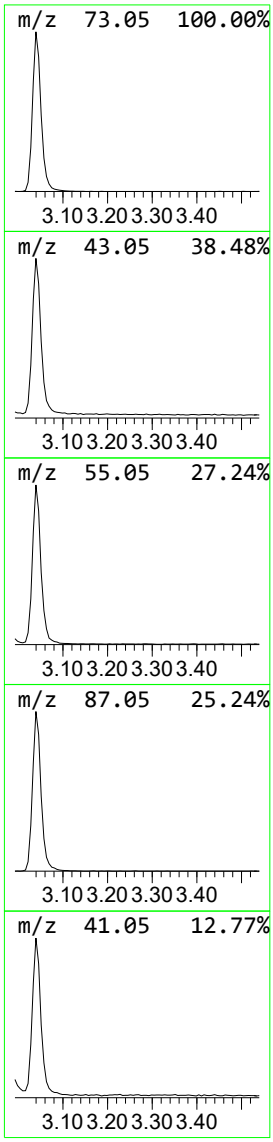
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	15.08 ng	2298990	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

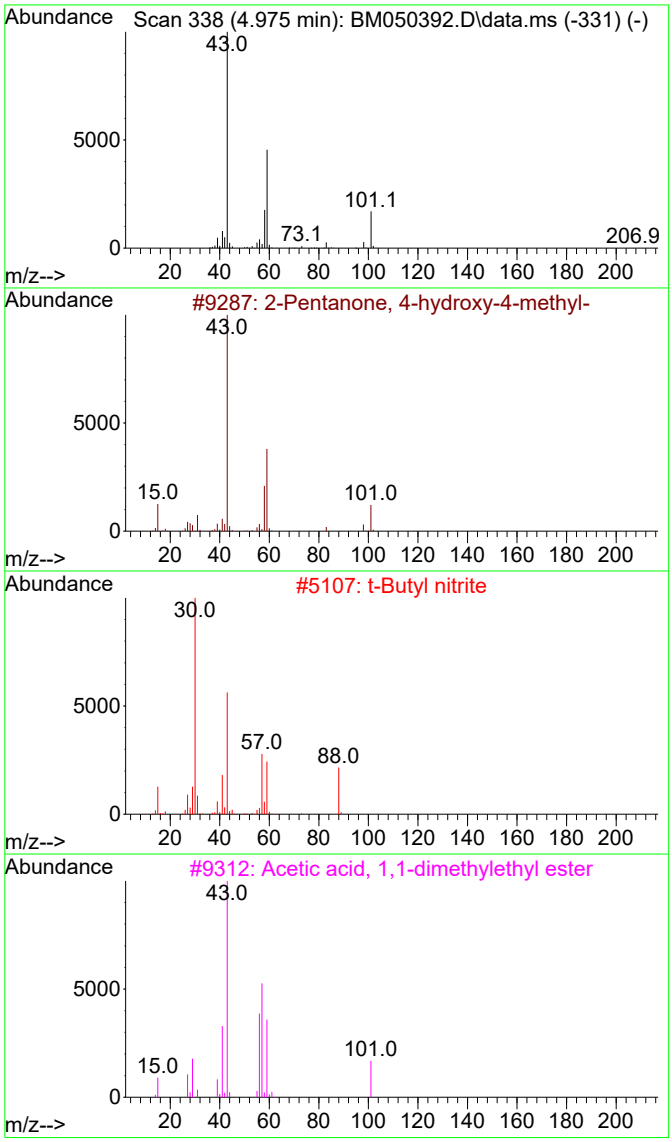
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

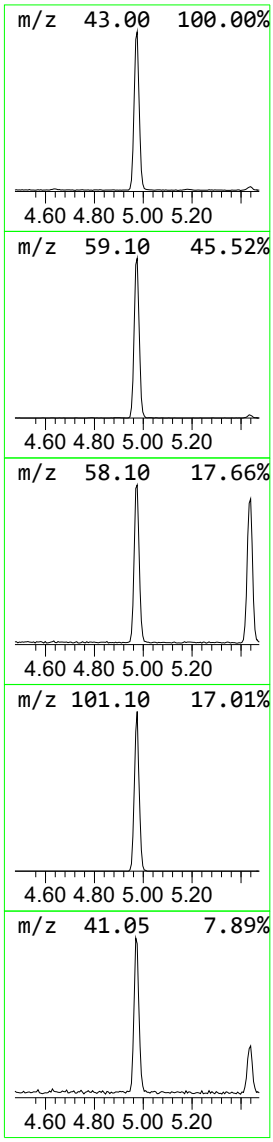
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.975	7.28 ng	1110520	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	t-Butyl nitrite	103	C4H9NO2	000540-80-7	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Acetone	58	C3H6O	000067-64-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

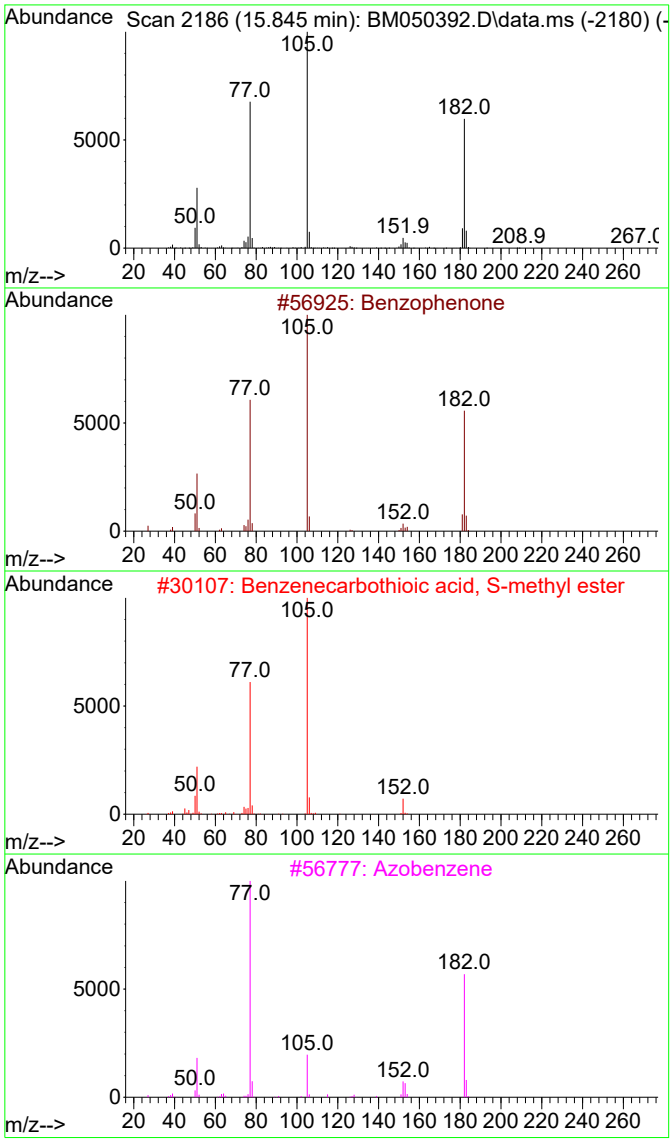
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

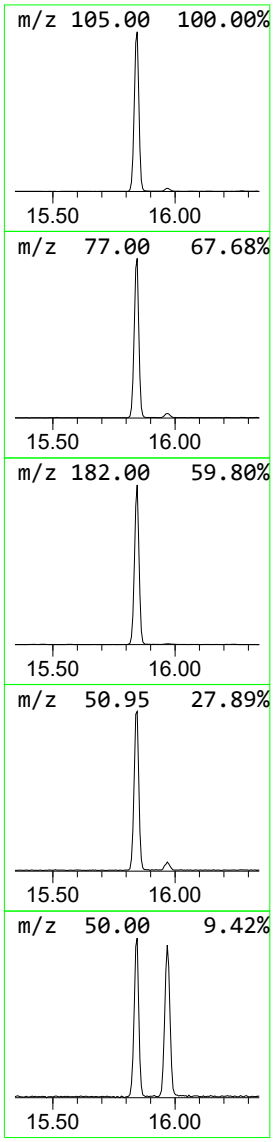
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.845	7.13 ng	1834110	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

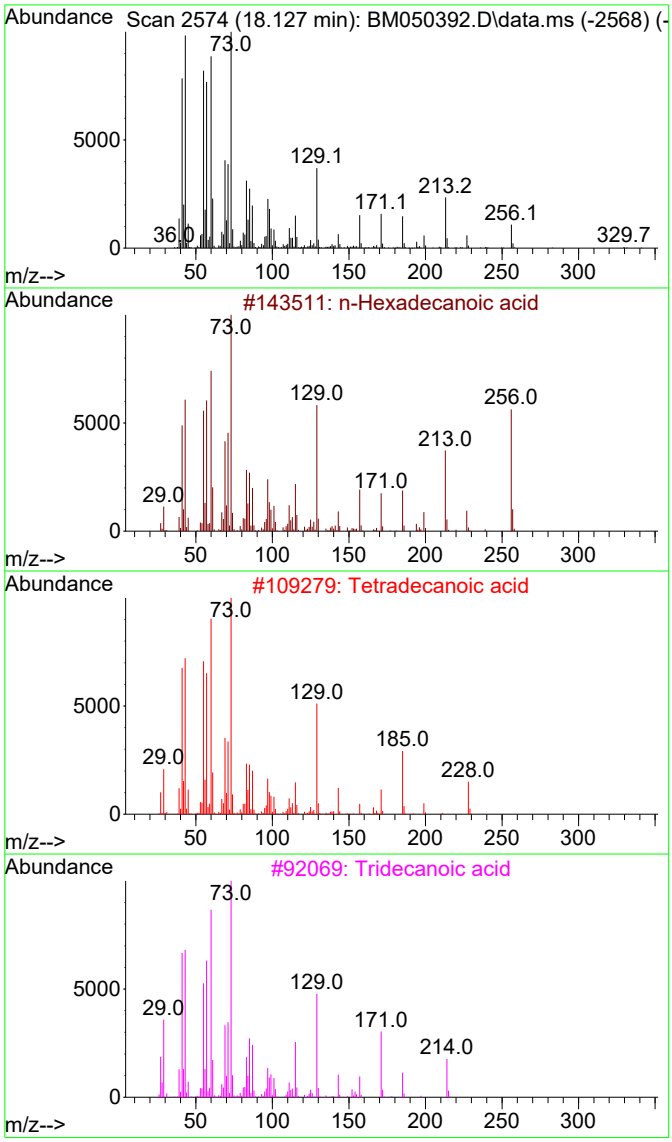
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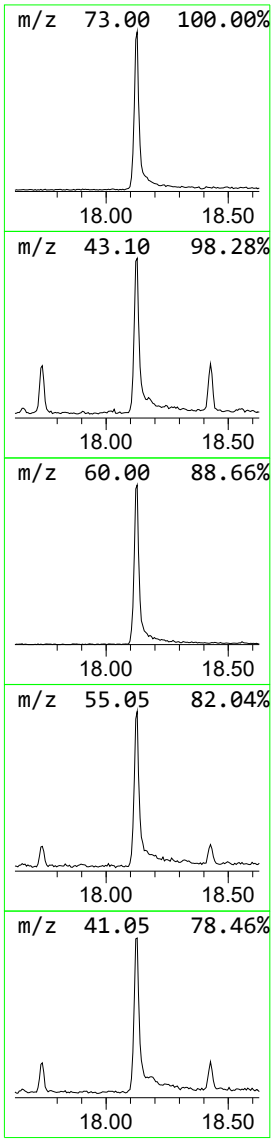
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	4.41 ng	1322830	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

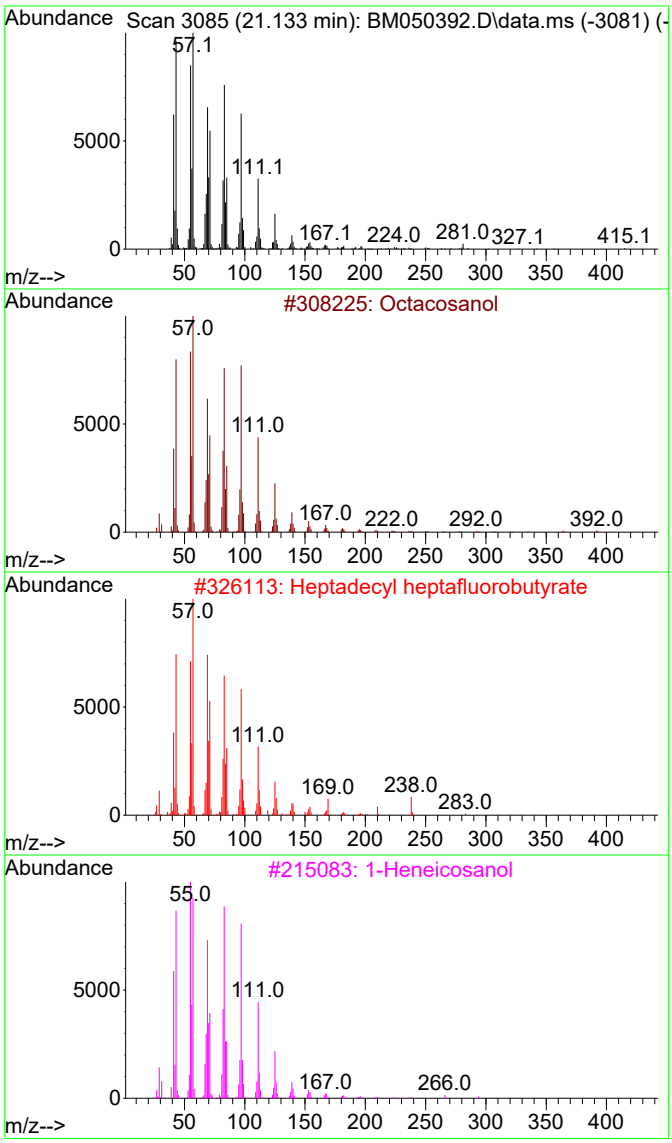
TIC Library : C:\Database\NIST20.L
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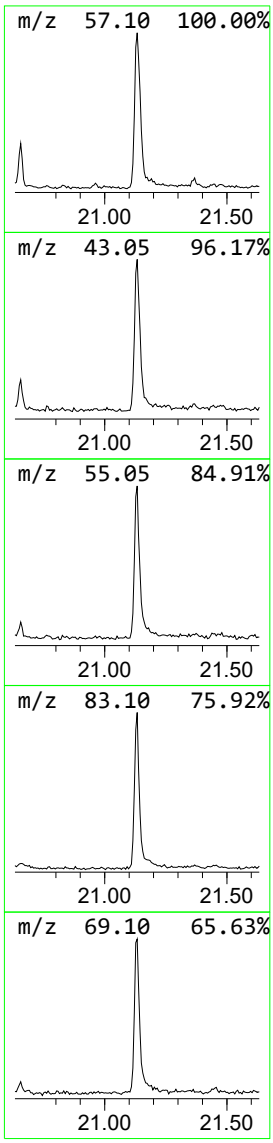
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Peak Number 5 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.31 ng	761544	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91





Sample Results: **BM050392.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050392.D
Acq On : 10 Jul 2025 16:37
Operator : RC/JU
Sample : Q2529-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-89

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	15.1	ng	2298990	1	7.863	3049210	20.0
2-Pentanone, 4-...	4.975	7.3	ng	1110520	1	7.863	3049210	20.0
Benzophenone	15.845	7.1	ng	1834110	3	14.492	5147200	20.0
n-Hexadecanoic ...	18.127	4.4	ng	1322830	4	17.227	5998330	20.0
Octacosanol	21.133	2.3	ng	761544	5	21.450	6588390	20.0

Raw Data: **BM050393.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-33	SDG No.:	Q2529
Lab Sample ID:	Q2529-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
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
BM050393.D	1	07/09/25 08:55	07/10/25 17:18	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.4	U	24.4	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.8	U	26.8	190	ug/Kg
95-57-8	2-Chlorophenol	26.9	U	26.9	190	ug/Kg
95-48-7	2-Methylphenol	33.0	U	33.0	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.3	U	41.3	190	ug/Kg
98-86-2	Acetophenone	32.5	U	32.5	190	ug/Kg
65794-96-9	3+4-Methylphenols	45.3	U	45.3	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.3	U	52.3	88.2	ug/Kg
67-72-1	Hexachloroethane	19.4	U	19.4	190	ug/Kg
98-95-3	Nitrobenzene	20.2	U	20.2	190	ug/Kg
78-59-1	Isophorone	36.2	UQ	36.2	190	ug/Kg
88-75-5	2-Nitrophenol	64.2	U	64.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	71.4	U	71.4	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	34.0	U	34.0	190	ug/Kg
120-83-2	2,4-Dichlorophenol	31.2	U	31.2	190	ug/Kg
91-20-3	Naphthalene	25.0	U	25.0	190	ug/Kg
106-47-8	4-Chloroaniline	39.0	U	39.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.9	U	27.9	190	ug/Kg
105-60-2	Caprolactam	57.4	U	57.4	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.6	U	31.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.2	U	28.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.8	UQ	21.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32.1	UQ	32.1	190	ug/Kg
92-52-4	1,1-Biphenyl	24.0	U	24.0	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.8	U	24.8	190	ug/Kg
88-74-4	2-Nitroaniline	53.0	U	53.0	190	ug/Kg
131-11-3	Dimethylphthalate	29.9	U	29.9	190	ug/Kg

Raw Data: **BM050393.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-33	SDG No.:	Q2529
Lab Sample ID:	Q2529-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
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
BM050393.D	1	07/09/25 08:55	07/10/25 17:18	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.9	UQ	31.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	37.0	UQ	37.0	190	ug/Kg
99-09-2	3-Nitroaniline	50.7	U	50.7	190	ug/Kg
83-32-9	Acenaphthene	23.5	U	23.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	25.0	U	25.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.2	U	55.2	190	ug/Kg
84-66-2	Diethylphthalate	31.2	U	31.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.4	U	29.4	190	ug/Kg
86-73-7	Fluorene	27.9	U	27.9	190	ug/Kg
100-01-6	4-Nitroaniline	70.8	UQ	70.8	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.3	UQ	36.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.6	U	30.6	190	ug/Kg
118-74-1	Hexachlorobenzene	27.9	UQ	27.9	190	ug/Kg
1912-24-9	Atrazine	37.5	U	37.5	190	ug/Kg
87-86-5	Pentachlorophenol	56.6	UQ	56.6	360	ug/Kg
85-01-8	Phenanthrene	23.0	U	23.0	190	ug/Kg
120-12-7	Anthracene	36.7	UQ	36.7	190	ug/Kg
86-74-8	Carbazole	34.4	UQ	34.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.8	UQ	52.8	190	ug/Kg
206-44-0	Fluoranthene	33.1	U	33.1	190	ug/Kg
129-00-0	Pyrene	39.7	U	39.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.7	U	78.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.5	U	40.5	360	ug/Kg
56-55-3	Benzo(a)anthracene	25.4	U	25.4	190	ug/Kg
218-01-9	Chrysene	21.9	U	21.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.3	U	65.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	95.7	U	95.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.9	U	20.9	190	ug/Kg

Raw Data: **BM050393.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-33	SDG No.:	Q2529
Lab Sample ID:	Q2529-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
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
BM050393.D	1	07/09/25 08:55	07/10/25 17:18	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.7	U	24.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.5	UQ	32.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32.1	UQ	32.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30.2	U	30.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.3	U	28.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.2	U	28.2	190	ug/Kg
123-91-1	1,4-Dioxane	49.8	U	49.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	30.2	U	30.2	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	90.0		18 - 112	60%	SPK: 150
13127-88-3	Phenol-d6	90.7		15 - 107	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	54.1		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.8		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.0		10 - 116	65%	SPK: 150
1718-51-0	Terphenyl-d14	63.0		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	509000	7.863			
1146-65-2	Naphthalene-d8	1850000	10.657			
15067-26-2	Acenaphthene-d10	1190000	14.492			
1517-22-2	Phenanthrene-d10	2410000	17.221			
1719-03-5	Chrysene-d12	2510000	21.45			
1520-96-3	Perylene-d12	2390000	24.491			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	420	J		3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	AB		4.97	ug/Kg
000119-61-9	Benzophenone	230	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	93.0	J		18.1	ug/Kg

Raw Data: **BM050393.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-33	SDG No.:	Q2529
Lab Sample ID:	Q2529-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
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
BM050393.D	1	07/09/25 08:55	07/10/25 17:18	PB168767

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

Quant Time: Jul 10 18:15:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

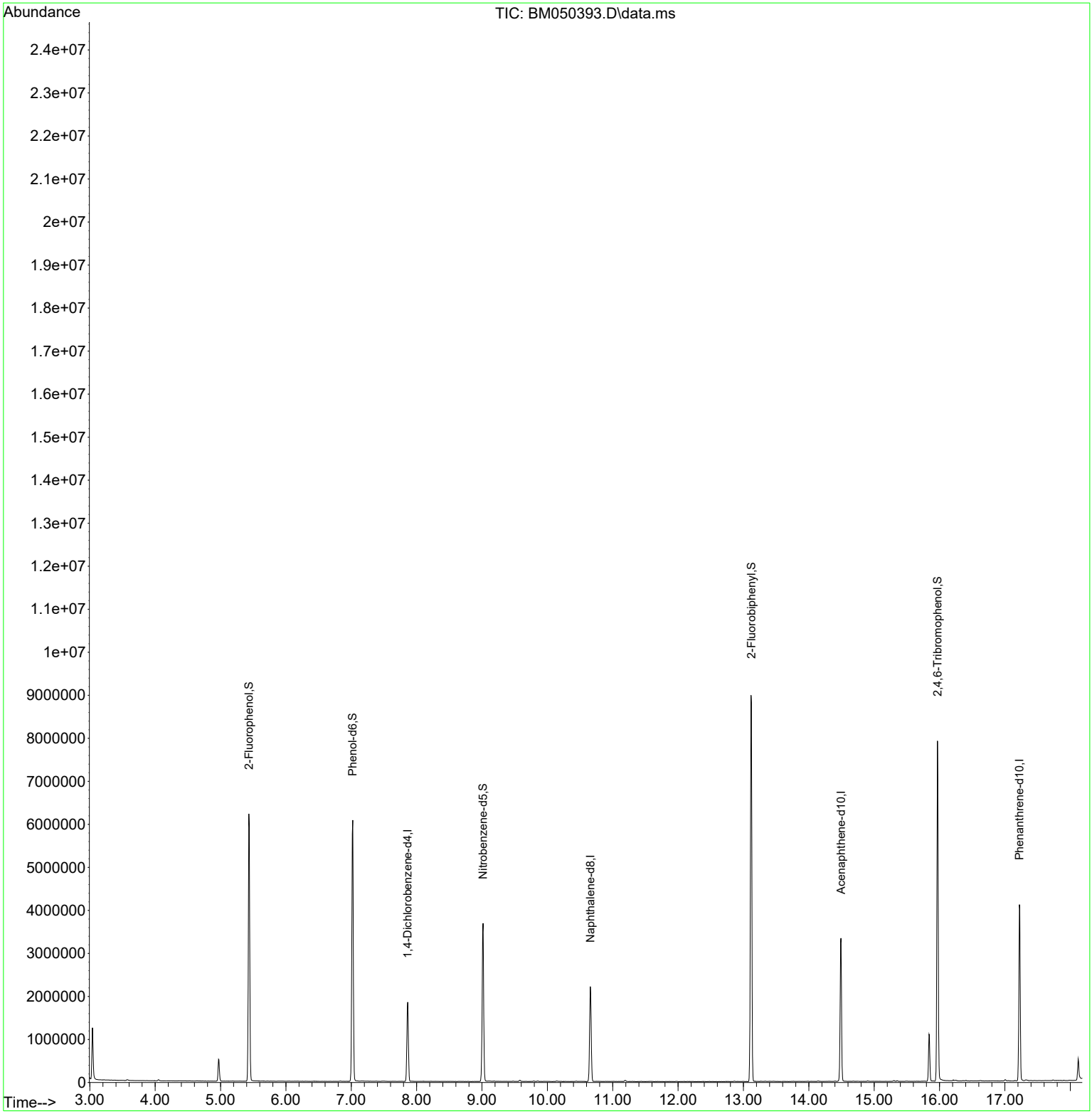
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	508555	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1849706	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1187746	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2414093	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2506904	20.000	ng	0.00
86) Perylene-d12	24.491	264	2387078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2658435	89.981	ng	0.00
7) Phenol-d6	7.022	99	3377495	90.685	ng	0.00
23) Nitrobenzene-d5	9.016	82	1962407	54.127	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1399939	97.008	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	4883851	50.779	ng	0.00
79) Terphenyl-d14	19.839	244	8980489	63.029	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

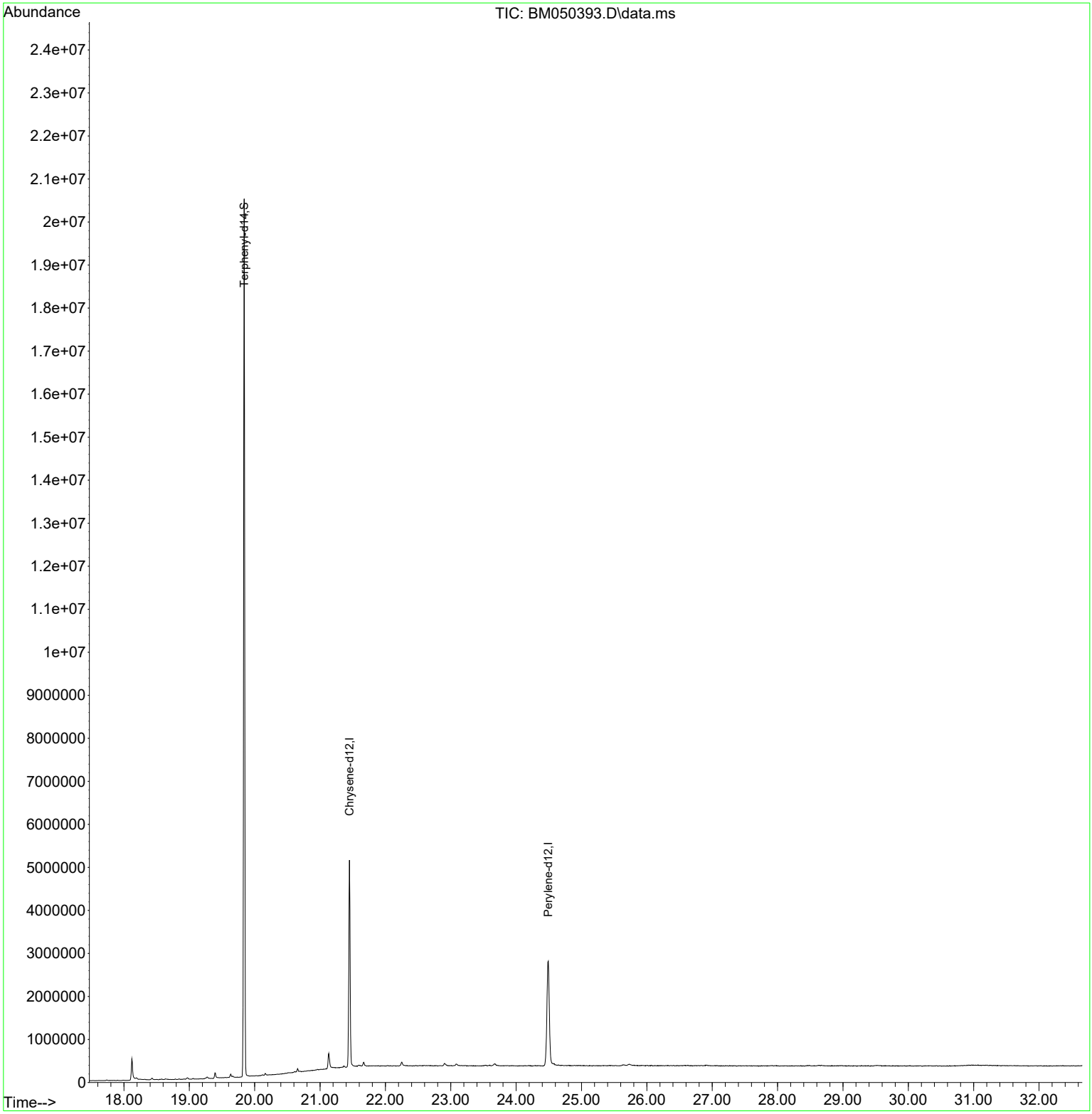
Quant Time: Jul 10 18:15:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

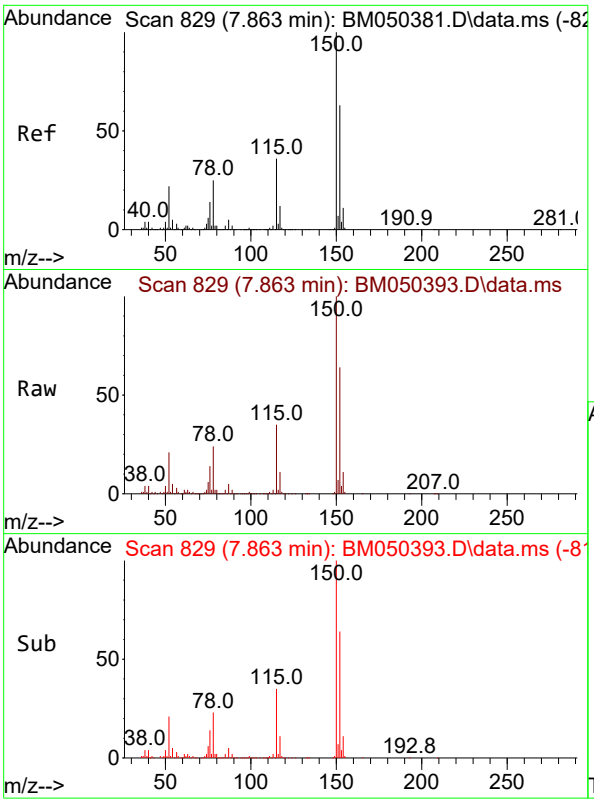


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

Quant Time: Jul 10 18:15:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



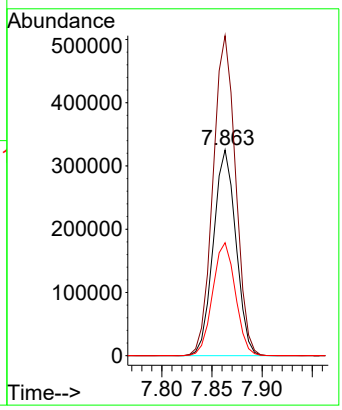


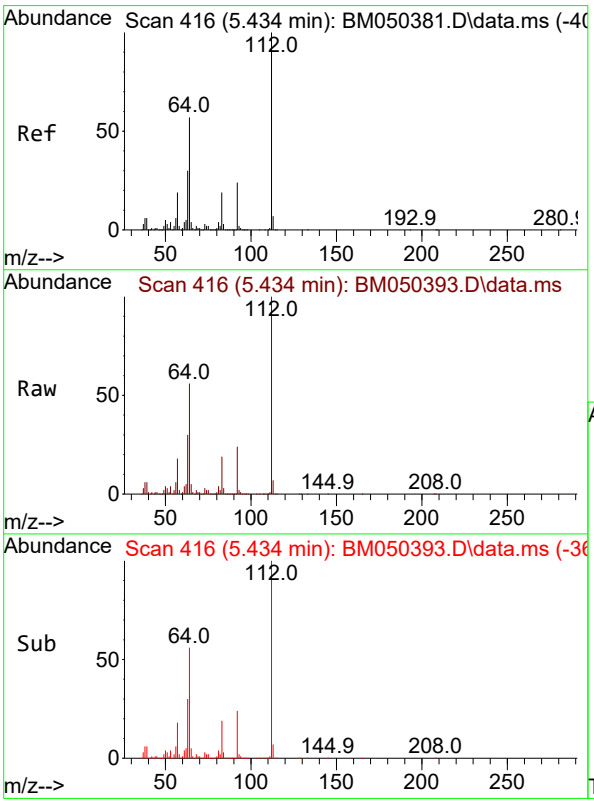
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion:152 Resp: 508555

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.4
115	54.9	45.8	68.8

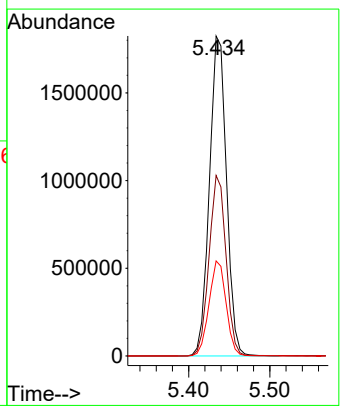


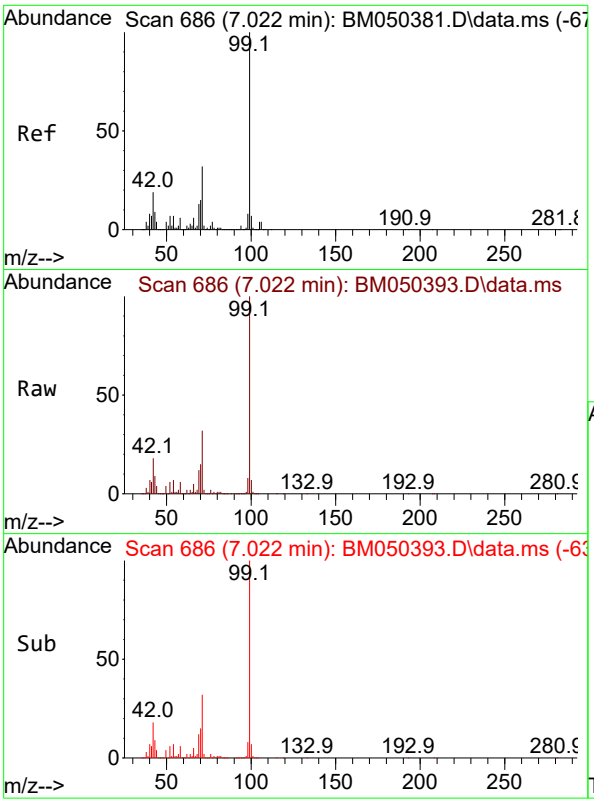


#5
2-Fluorophenol
Concen: 89.981 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:112 Resp: 2658435

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	29.7	24.2	36.4



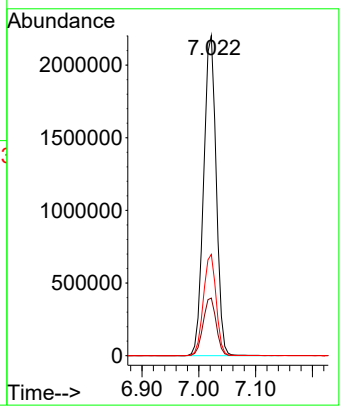


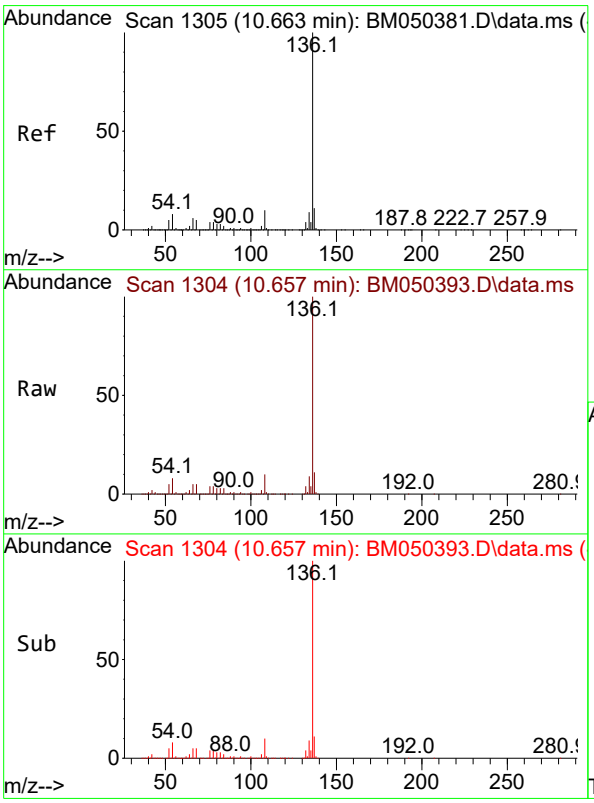
#7
Phenol-d6
Concen: 90.685 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion: 99 Resp: 3377495

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.6
71	31.6	25.9	38.9

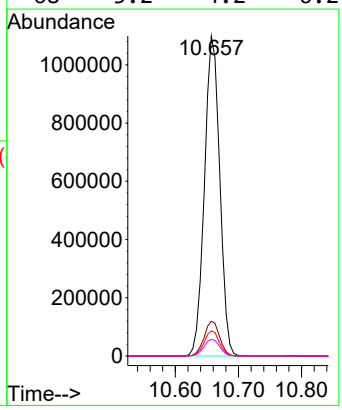


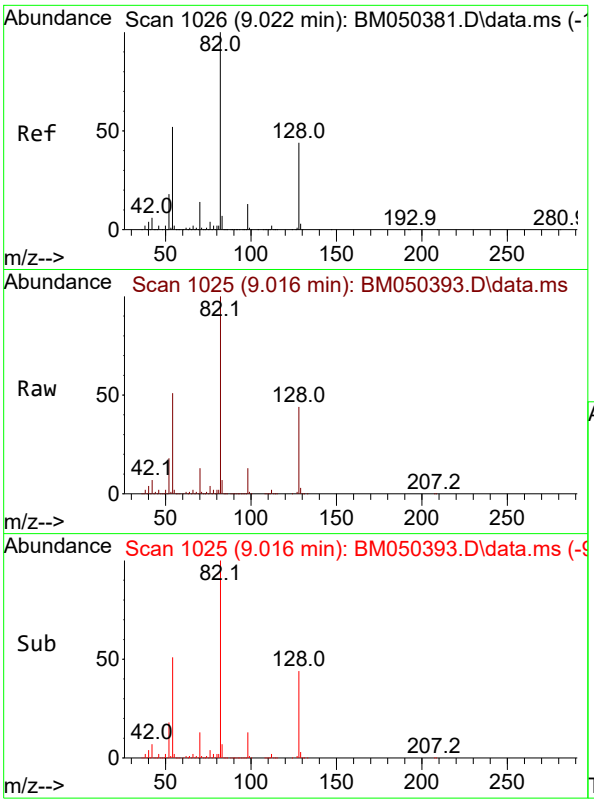


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:136 Resp: 1849706

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.2	4.2	6.2



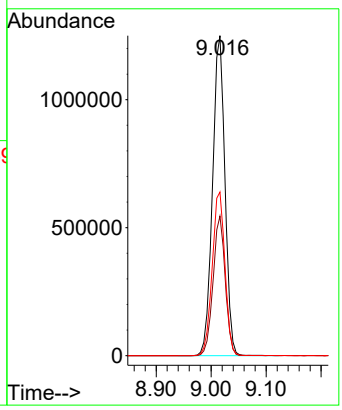


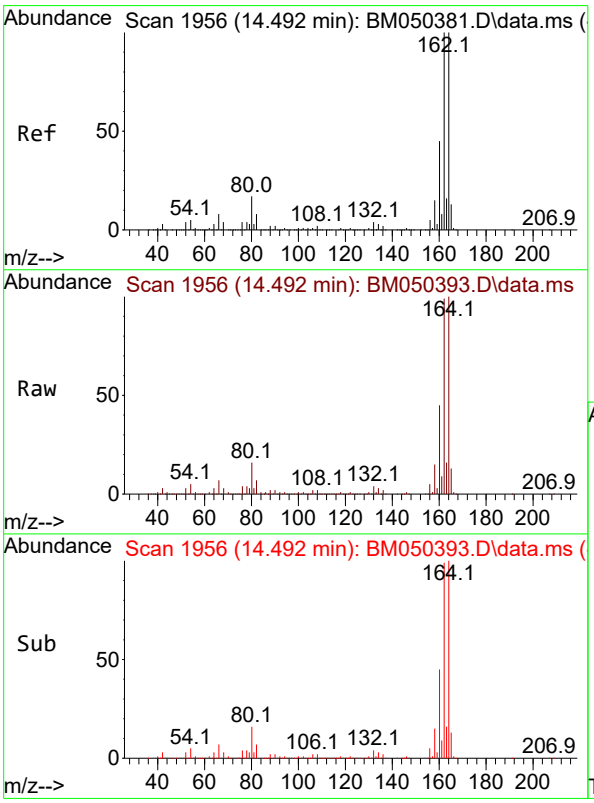
#23
Nitrobenzene-d5
Concen: 54.127 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion: 82 Resp: 1962407

Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	51.2	41.5	62.3

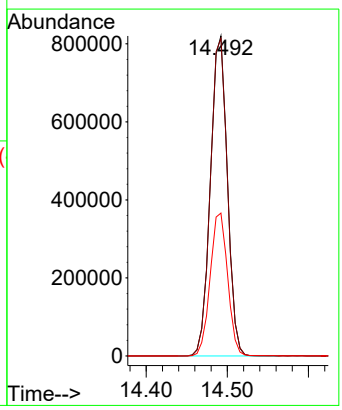


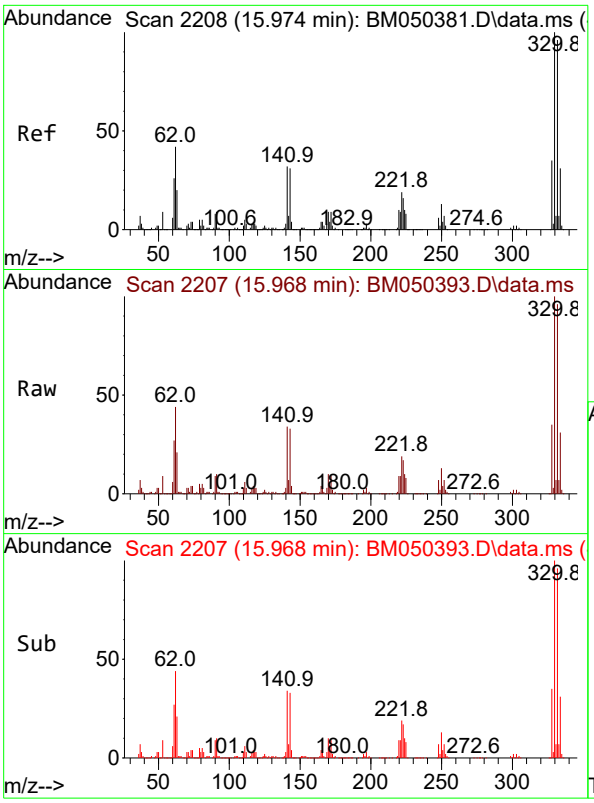


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:164 Resp: 1187746

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.9	119.9
160	44.7	36.2	54.4



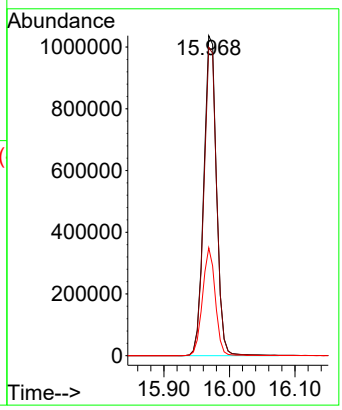


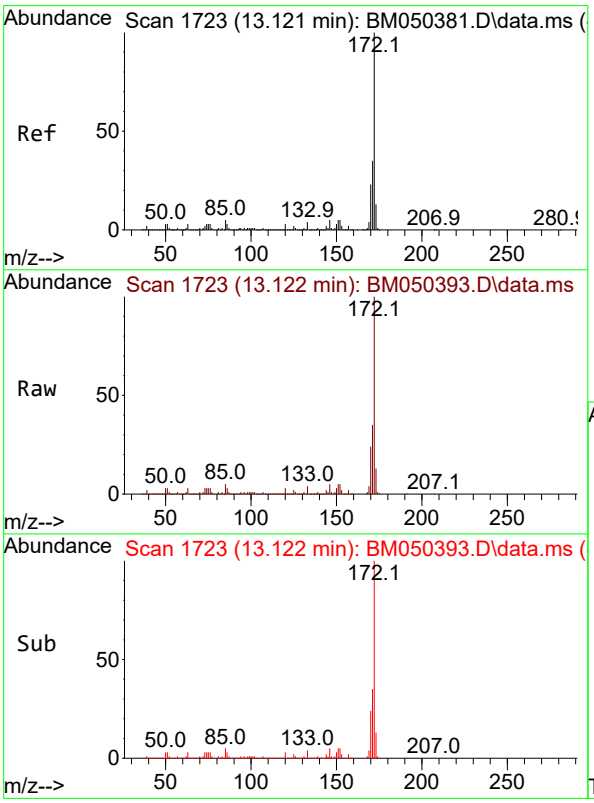
#42
2,4,6-Tribromophenol
Concen: 97.008 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion:330 Resp: 1399939

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.9	115.3
141	34.0	27.4	41.0

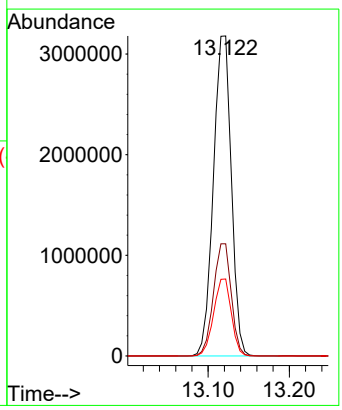


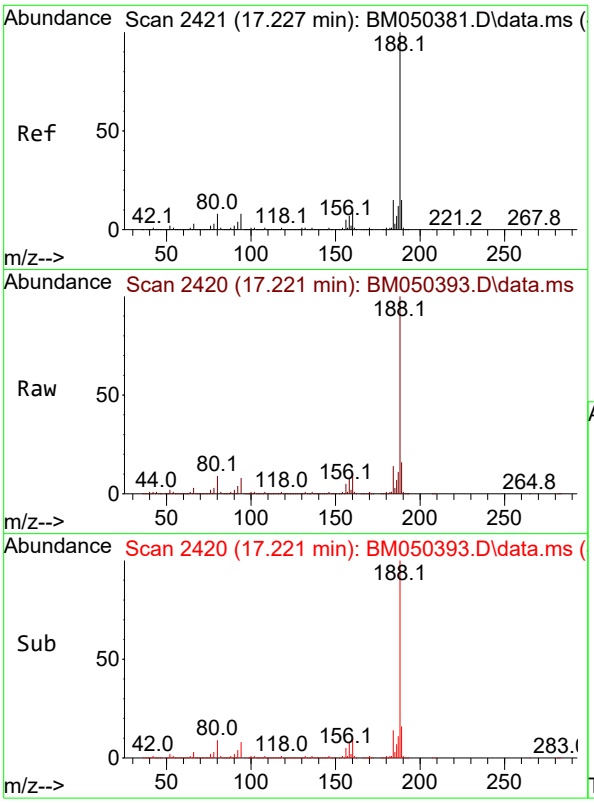


#45
2-Fluorobiphenyl
Concen: 50.779 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:172 Resp: 4883851

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	24.1	18.8	28.2



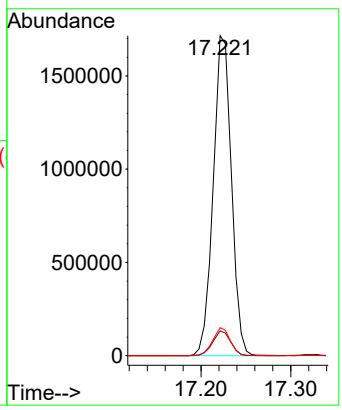


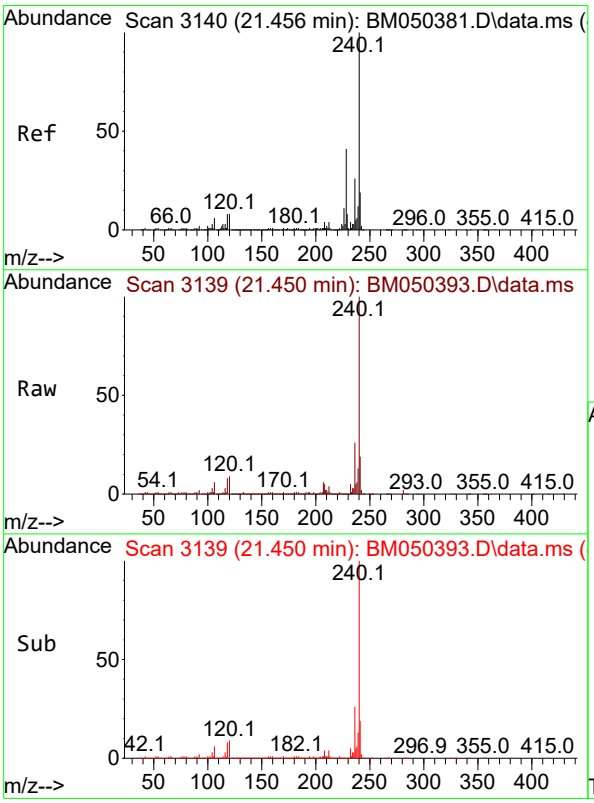
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion:188 Resp: 2414093

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.8	6.5	9.7

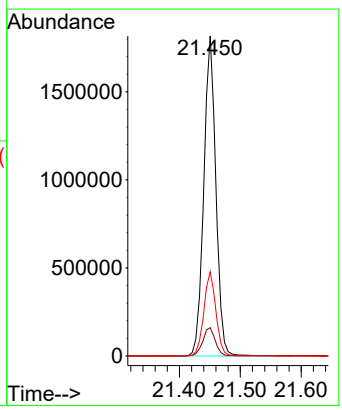


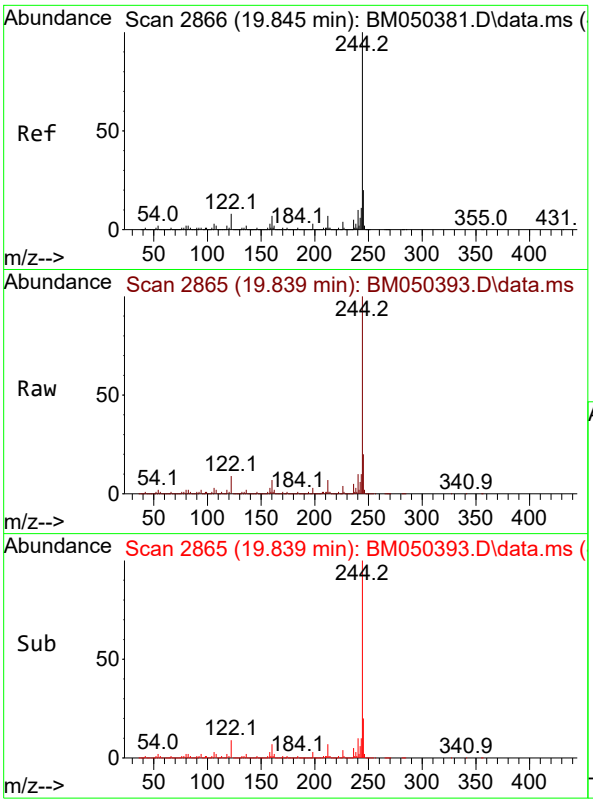


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:240 Resp: 2506904

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.3	20.7	31.1



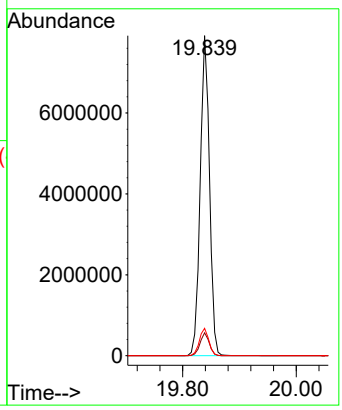


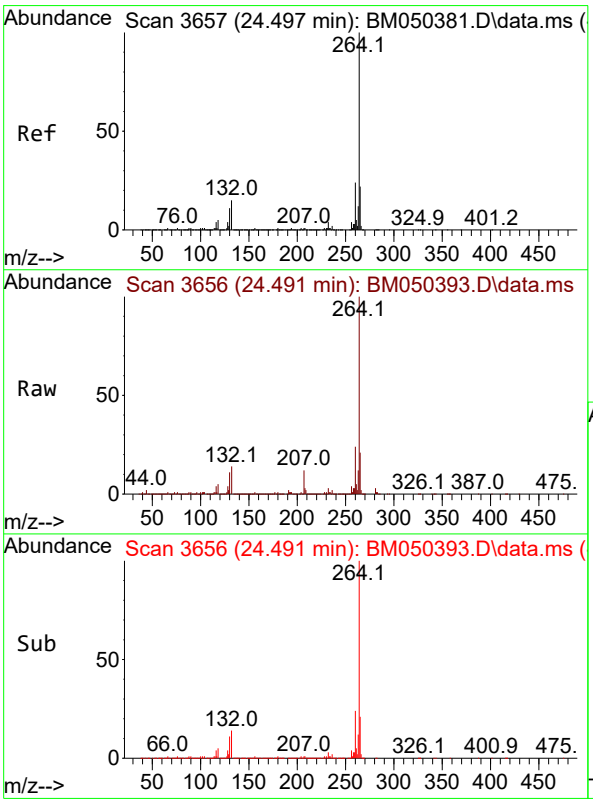
#79
Terphenyl-d14
Concen: 63.029 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion:244 Resp: 8980489

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.6	6.2	9.2

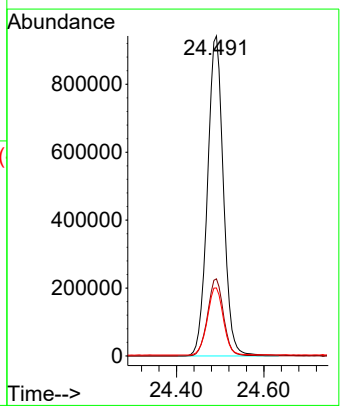




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:264 Resp: 2387078

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.8	26.6



Sample Results: **BM050393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

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

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

Signal : TIC: BM050393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	29	rVB	1211953	1661176	7.07%	1.537%
2	4.969	332	337	346	rVB	508745	732134	3.11%	0.677%
3	5.434	409	416	429	rBV	6213023	9065289	38.57%	8.387%
4	7.022	675	686	698	rBV	6072054	9528555	40.54%	8.816%
5	7.863	822	829	836	rBV	1842227	2910199	12.38%	2.693%
6	9.016	1016	1025	1034	rBV	3676413	5865004	24.95%	5.426%
7	10.657	1296	1304	1313	rBV	2206134	3744911	15.93%	3.465%
8	13.116	1715	1722	1732	rBV	8976634	13714826	58.35%	12.689%
9	14.492	1946	1956	1965	rBV	3326969	4946117	21.04%	4.576%
10	15.839	2179	2185	2193	rBV	1091558	1547398	6.58%	1.432%
11	15.968	2200	2207	2224	rBV	7907694	10879991	46.29%	10.066%
12	17.221	2414	2420	2427	rBV2	4093628	5817791	24.75%	5.383%
13	18.121	2568	2573	2581	rBV	492971	735984	3.13%	0.681%
14	19.839	2859	2865	2879	rBV	20407101	23505168	100.00%	21.747%
15	21.133	3081	3085	3092	rBV2	341913	543069	2.31%	0.502%
16	21.450	3133	3139	3155	rBV	4802112	6808063	28.96%	6.299%
17	24.491	3647	3656	3668	rBV	2404927	6077336	25.86%	5.623%

Sum of corrected areas: 108083011

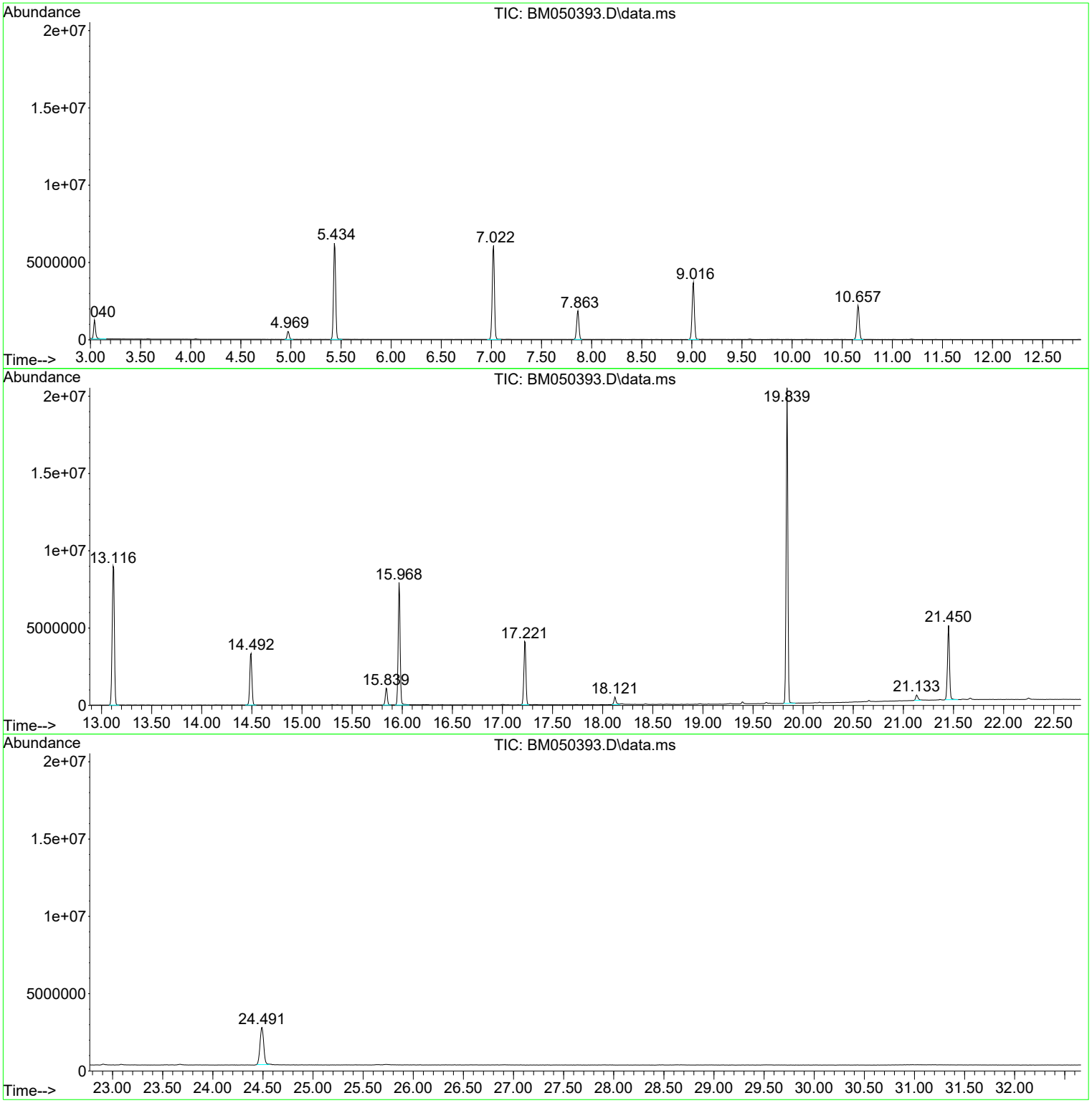
Sample Results: **BM050393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

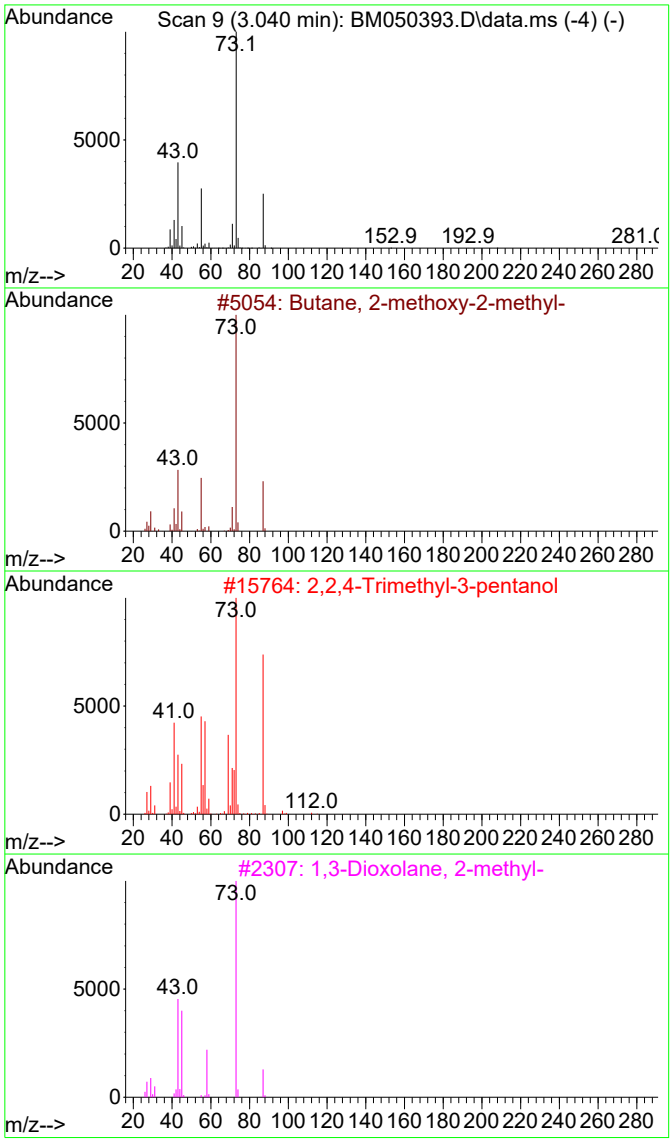
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

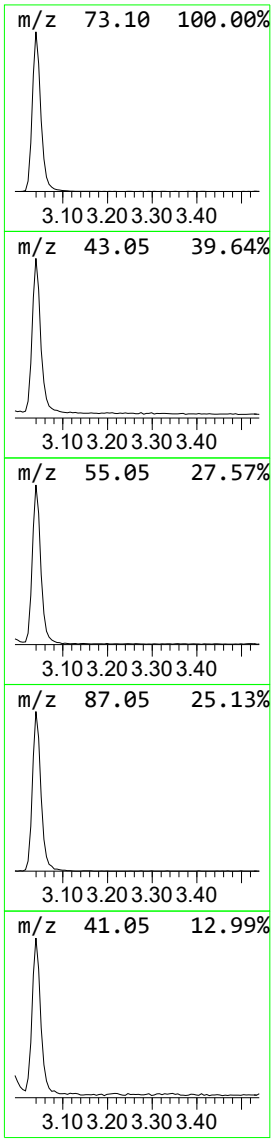
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	11.42 ng	1661180	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Sample Results: **BM050393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

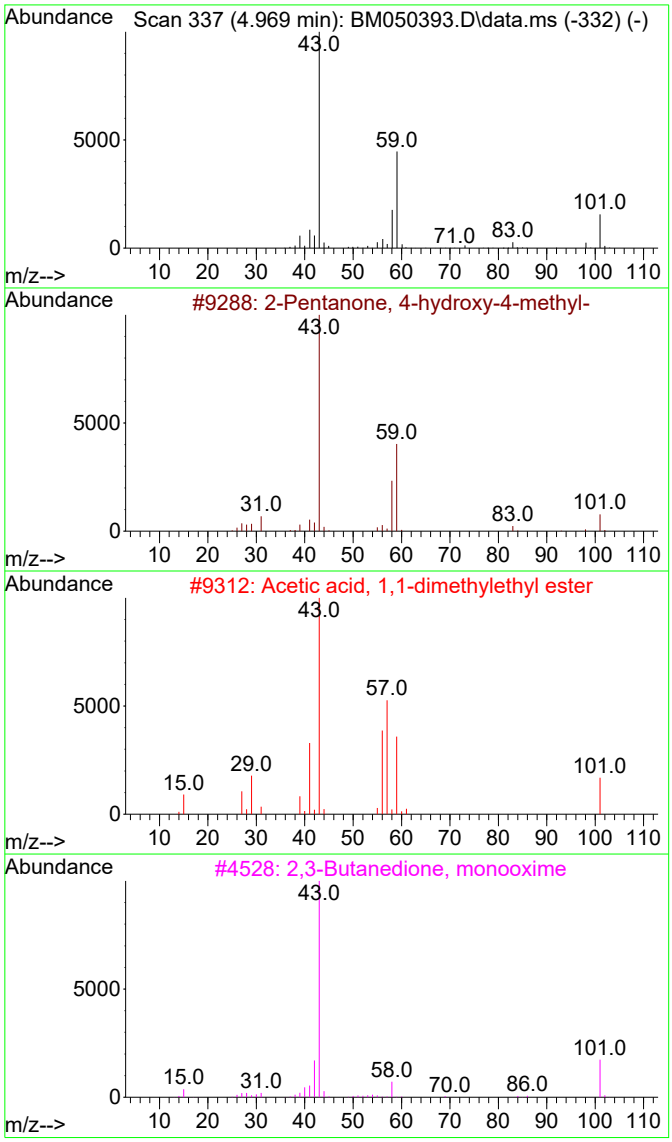
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

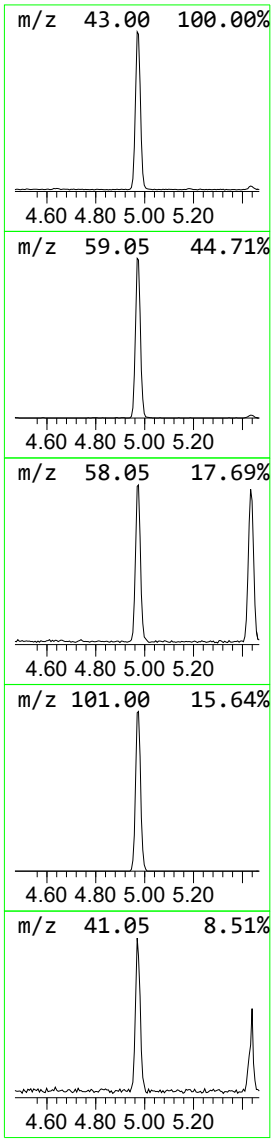
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	5.03 ng	732134	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	14
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Sample Results: **BM050393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

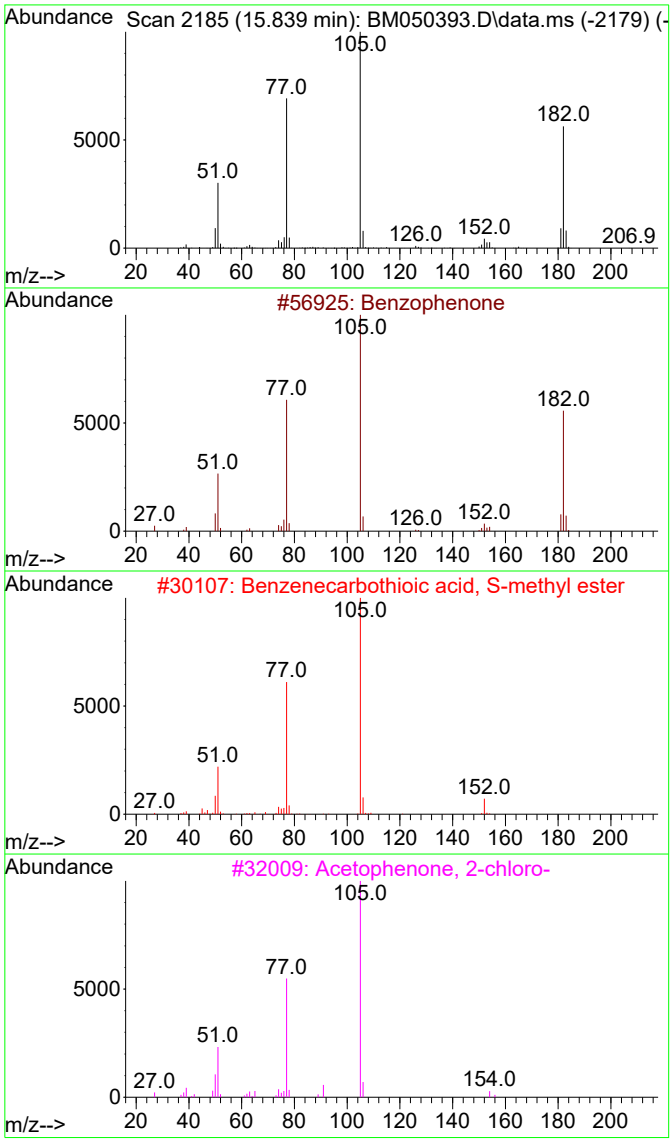
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

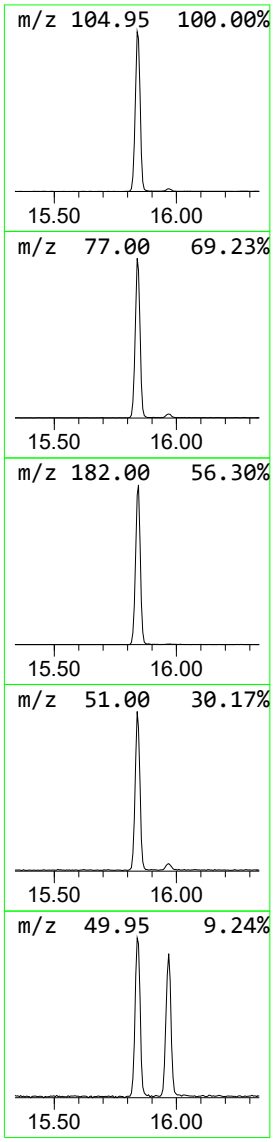
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	6.26 ng	1547400	Acenaphthene-d10	14.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Phenacyl thiocyanate	177	C9H7NOS	005399-30-4	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

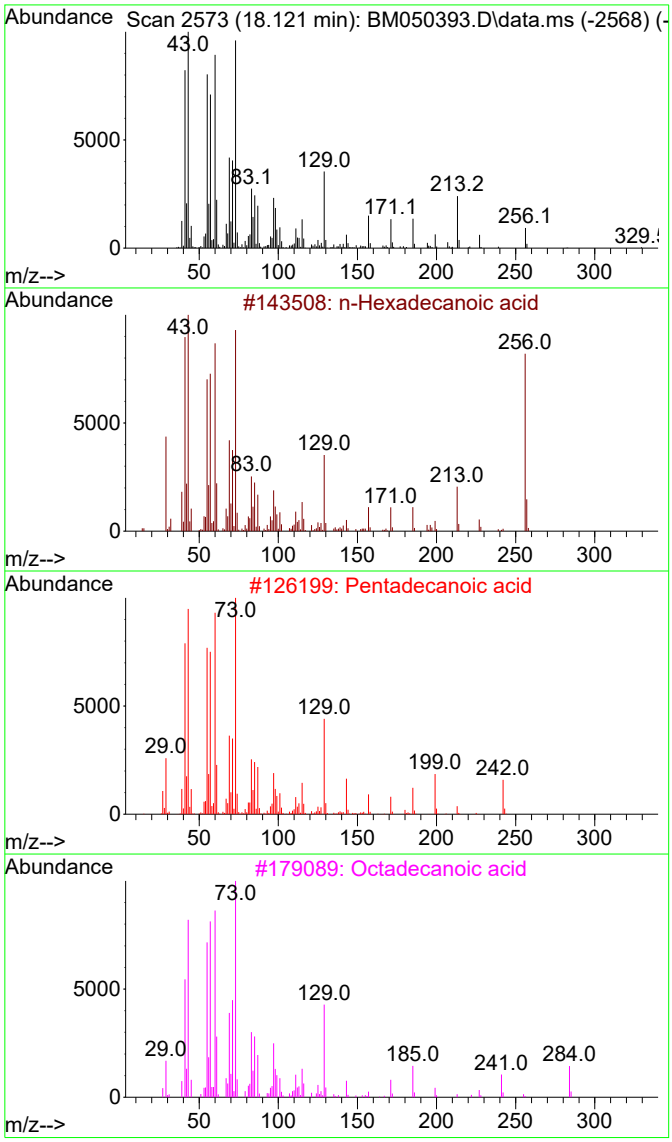
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

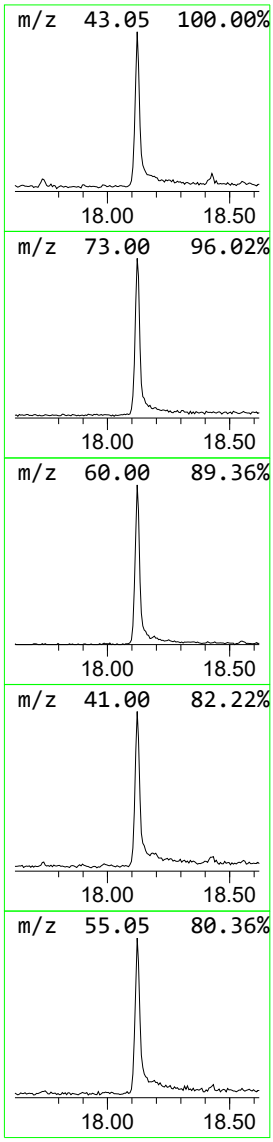
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.53 ng	735984	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Sample Results: **BM050393.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050393.D
Acq On : 10 Jul 2025 17:18
Operator : RC/JU
Sample : Q2529-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-33

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	11.4	ng	1661180	1	7.863	2910200	20.0
2-Pentanone, 4-...	4.969	5.0	ng	732134	1	7.863	2910200	20.0
Benzophenone	15.839	6.3	ng	1547400	3	14.492	4946120	20.0
n-Hexadecanoic ...	18.121	2.5	ng	735984	4	17.221	5817790	20.0

Raw Data: **BP025088.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025088.D	1	07/09/25 08:55	07/10/25 18:21	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	24.2	U	24.2	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.6	U	26.6	190	ug/Kg
95-57-8	2-Chlorophenol	26.7	U	26.7	190	ug/Kg
95-48-7	2-Methylphenol	32.7	U	32.7	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	41.0	U	41.0	190	ug/Kg
98-86-2	Acetophenone	32.2	U	32.2	190	ug/Kg
65794-96-9	3+4-Methylphenols	44.9	U	44.9	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.8	U	51.8	87.4	ug/Kg
67-72-1	Hexachloroethane	19.2	U	19.2	190	ug/Kg
98-95-3	Nitrobenzene	20.0	U	20.0	190	ug/Kg
78-59-1	Isophorone	35.9	UQ	35.9	190	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	70.8	U	70.8	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.7	U	33.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	30.9	U	30.9	190	ug/Kg
91-20-3	Naphthalene	24.8	U	24.8	190	ug/Kg
106-47-8	4-Chloroaniline	38.7	U	38.7	190	ug/Kg
87-68-3	Hexachlorobutadiene	27.7	U	27.7	190	ug/Kg
105-60-2	Caprolactam	56.9	U	56.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31.4	U	31.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	28.0	U	28.0	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	UQ	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.6	UQ	21.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.8	UQ	31.8	190	ug/Kg
92-52-4	1,1-Biphenyl	23.8	U	23.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	24.6	U	24.6	190	ug/Kg
88-74-4	2-Nitroaniline	52.6	U	52.6	190	ug/Kg
131-11-3	Dimethylphthalate	29.6	U	29.6	190	ug/Kg

Raw Data: **BP025088.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025088.D	1	07/09/25 08:55	07/10/25 18:21	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	31.6	UQ	31.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.7	UQ	36.7	190	ug/Kg
99-09-2	3-Nitroaniline	50.3	U	50.3	190	ug/Kg
83-32-9	Acenaphthene	23.3	U	23.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.8	U	24.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	190	ug/Kg
84-66-2	Diethylphthalate	30.9	U	30.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29.2	U	29.2	190	ug/Kg
86-73-7	Fluorene	27.7	U	27.7	190	ug/Kg
100-01-6	4-Nitroaniline	70.2	UQ	70.2	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	36.0	UQ	36.0	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30.4	U	30.4	190	ug/Kg
118-74-1	Hexachlorobenzene	27.7	UQ	27.7	190	ug/Kg
1912-24-9	Atrazine	37.2	U	37.2	190	ug/Kg
87-86-5	Pentachlorophenol	56.1	UQ	56.1	360	ug/Kg
85-01-8	Phenanthrene	22.8	U	22.8	190	ug/Kg
120-12-7	Anthracene	36.4	UQ	36.4	190	ug/Kg
86-74-8	Carbazole	34.1	UQ	34.1	190	ug/Kg
84-74-2	Di-n-butylphthalate	52.4	UQ	52.4	190	ug/Kg
206-44-0	Fluoranthene	32.8	U	32.8	190	ug/Kg
129-00-0	Pyrene	39.3	U	39.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	78.0	U	78.0	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	40.1	U	40.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	25.1	U	25.1	190	ug/Kg
218-01-9	Chrysene	21.8	U	21.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.7	U	64.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	94.9	U	94.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.8	U	20.8	190	ug/Kg

Raw Data: **BP025088.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025088.D	1	07/09/25 08:55	07/10/25 18:21	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	24.5	U	24.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	32.2	UQ	32.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.8	UQ	31.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.9	U	29.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28.1	U	28.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28.0	U	28.0	190	ug/Kg
123-91-1	1,4-Dioxane	49.4	U	49.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.9	U	29.9	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	86.8		18 - 112	58%	SPK: 150
13127-88-3	Phenol-d6	84.3		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.3		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.1		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	104		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	60.6		10 - 105	61%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	546000	7.437			
1146-65-2	Naphthalene-d8	2140000	10.178			
15067-26-2	Acenaphthene-d10	1340000	14.084			
1517-22-2	Phenanthrene-d10	2790000	16.895			
1719-03-5	Chrysene-d12	3240000	21.342			
1520-96-3	Perylene-d12	3650000	24.483			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	AB		4.66	ug/Kg
000119-61-9	Benzophenone	250	J		15.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	130	J		17.9	ug/Kg
015594-90-8	1-Heneicosanol	99.1	J		21.1	ug/Kg

Raw Data: **BP025088.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	TP-30	SDG No.:	Q2529
Lab Sample ID:	Q2529-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025088.D	1	07/09/25 08:55	07/10/25 18:21	PB168767

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

Quant Time: Jul 11 02:31:09 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

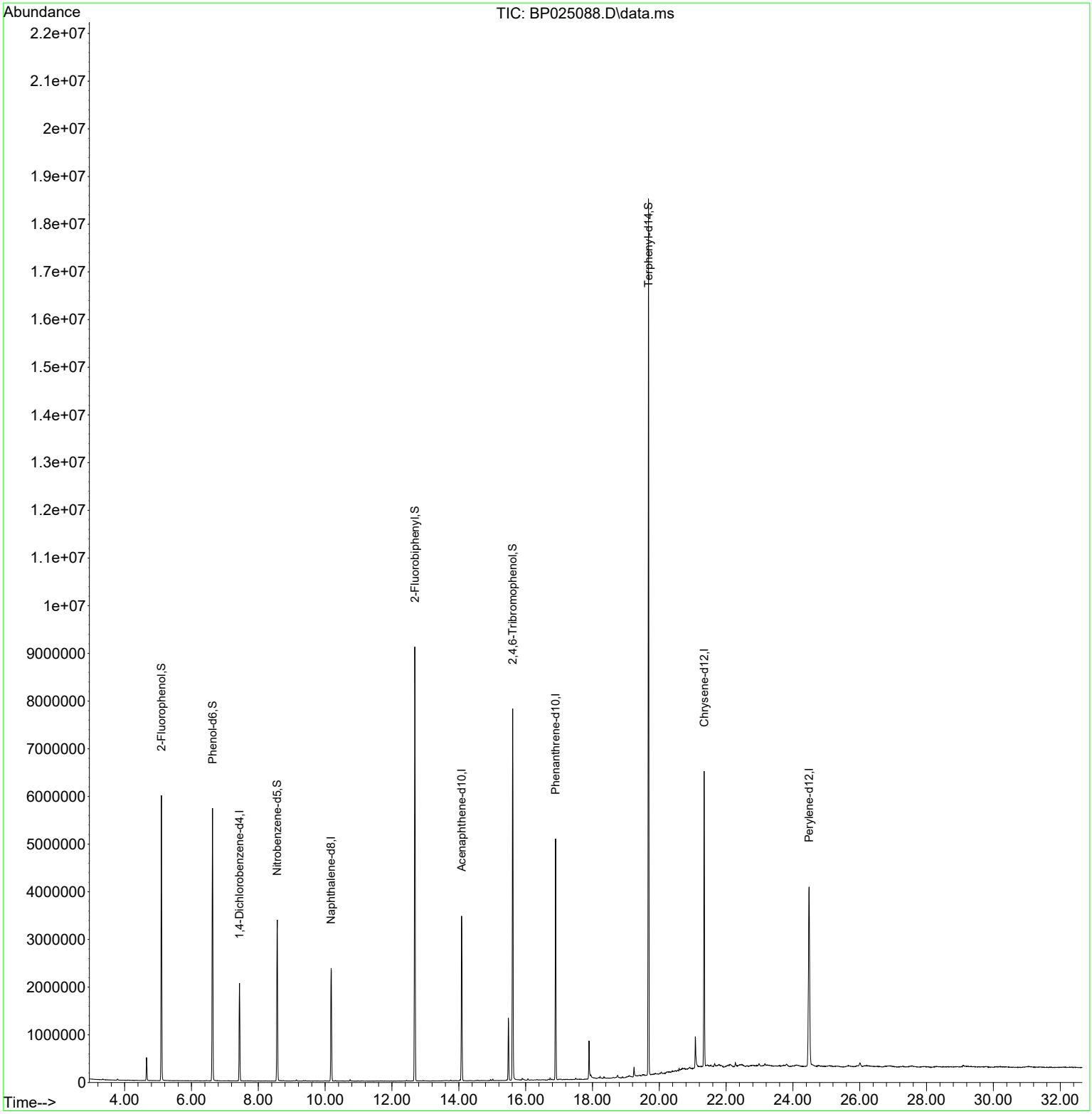
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	546199	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2144557	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1342160	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2785698	20.000	ng	-0.01
76) Chrysene-d12	21.342	240	3238763	20.000	ng	0.00
86) Perylene-d12	24.483	264	3650800	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2676751	86.833	ng	0.00
7) Phenol-d6	6.631	99	3389694	84.262	ng	0.00
23) Nitrobenzene-d5	8.566	82	1942959	60.253	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1643755	103.672	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	5031985	58.081	ng	-0.01
79) Terphenyl-d14	19.678	244	8928169	60.586	ng	0.00
Target Compounds						Qvalue

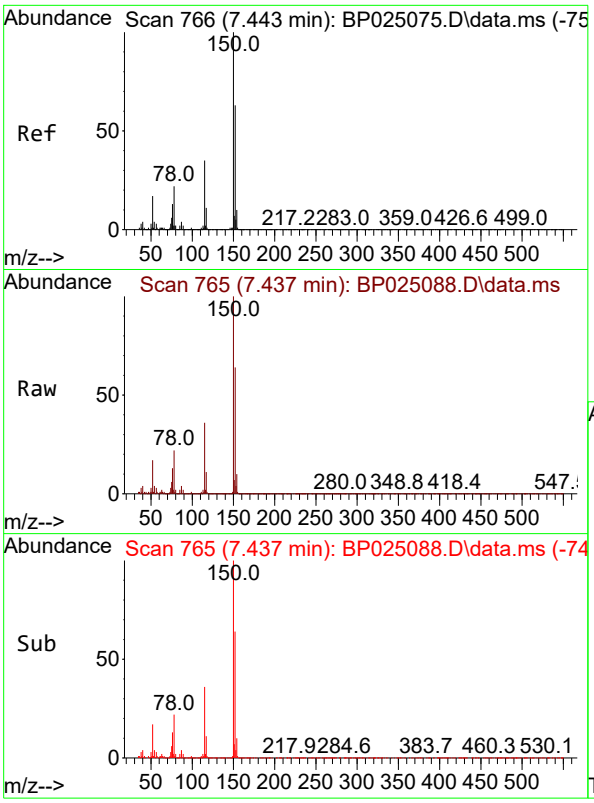
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

Quant Time: Jul 11 02:31:09 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



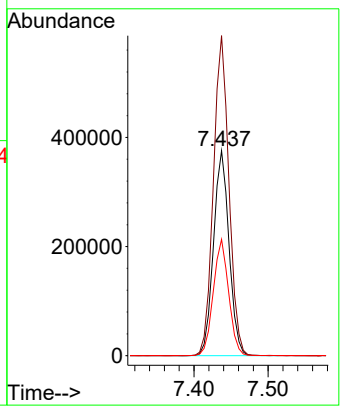


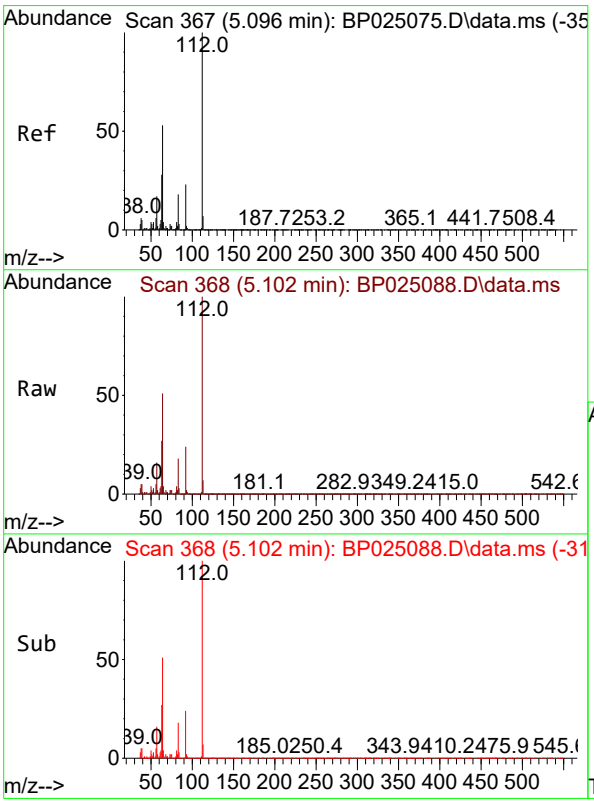
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion:152 Resp: 546199

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.1	189.1
115	56.7	44.3	66.5

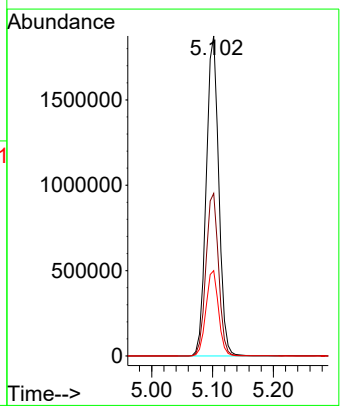


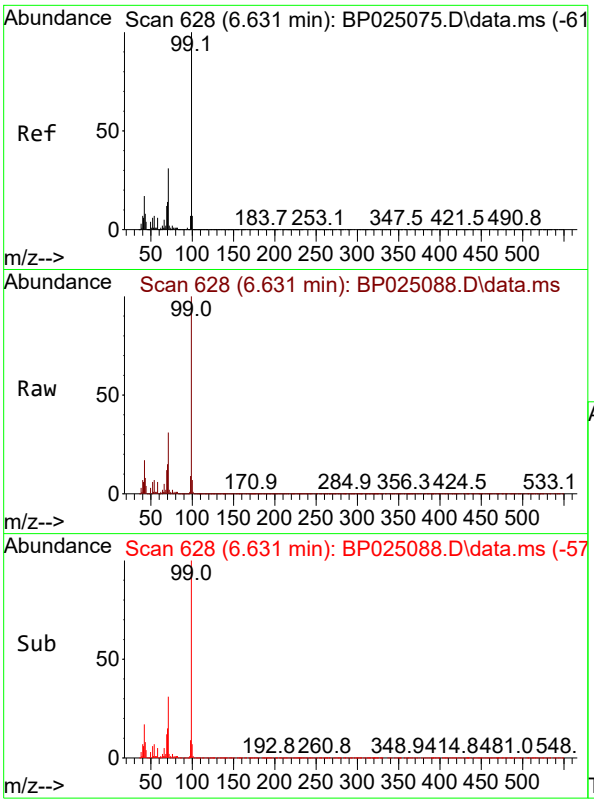


#5
2-Fluorophenol
Concen: 86.833 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:112 Resp: 2676751

Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.0	63.0
63	26.7	22.2	33.2



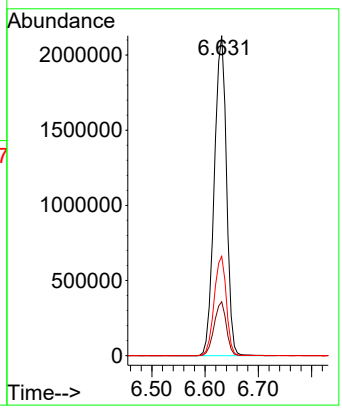


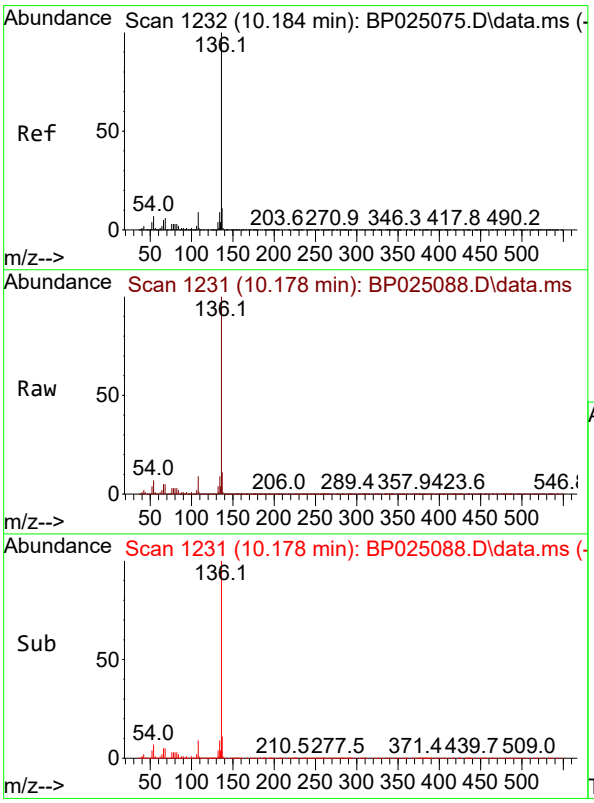
#7
Phenol-d6
Concen: 84.262 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion: 99 Resp: 3389694

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	31.0	24.4	36.6

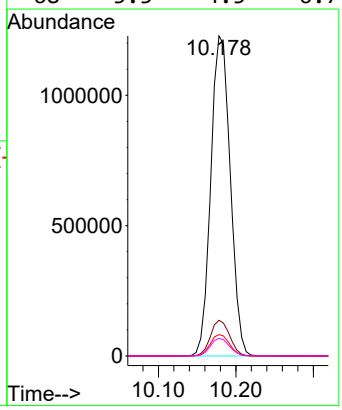


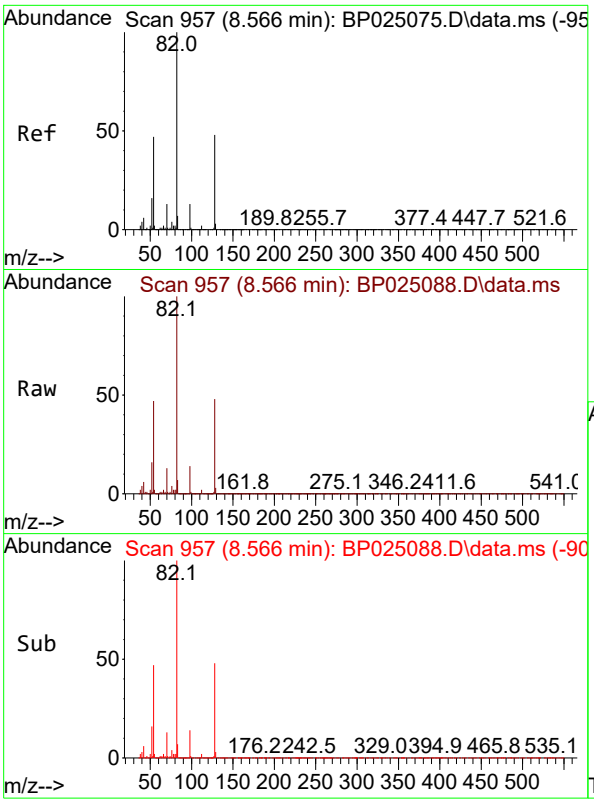


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:136 Resp: 2144557

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.6	5.4	8.2
68	5.5	4.5	6.7



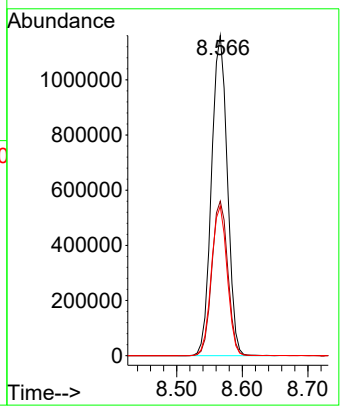


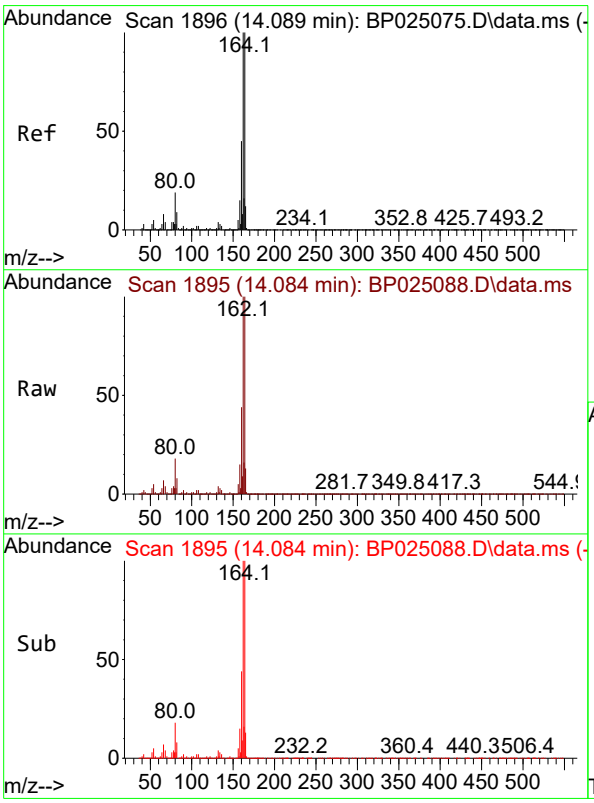
#23
Nitrobenzene-d5
Concen: 60.253 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion: 82 Resp: 1942959

Ion	Ratio	Lower	Upper
82	100		
128	48.3	38.4	57.6
54	46.7	37.8	56.6

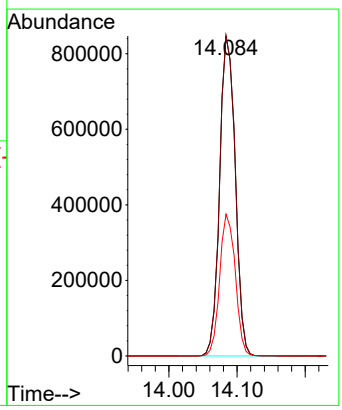


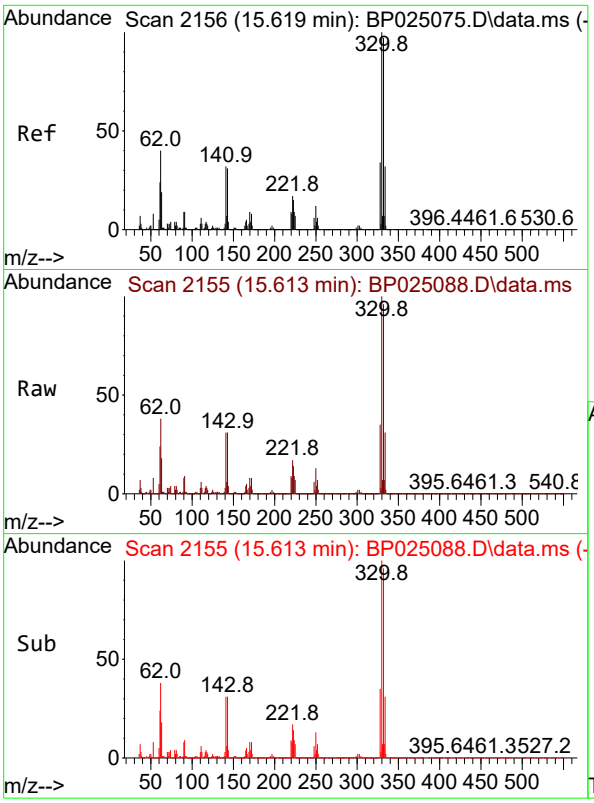


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:164 Resp: 1342160

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.4	35.9	53.9



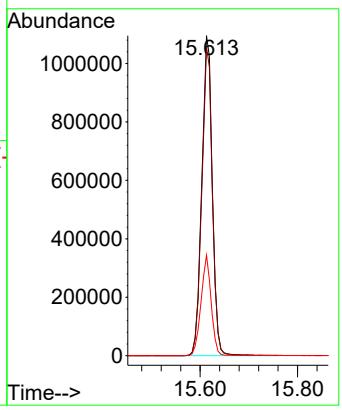


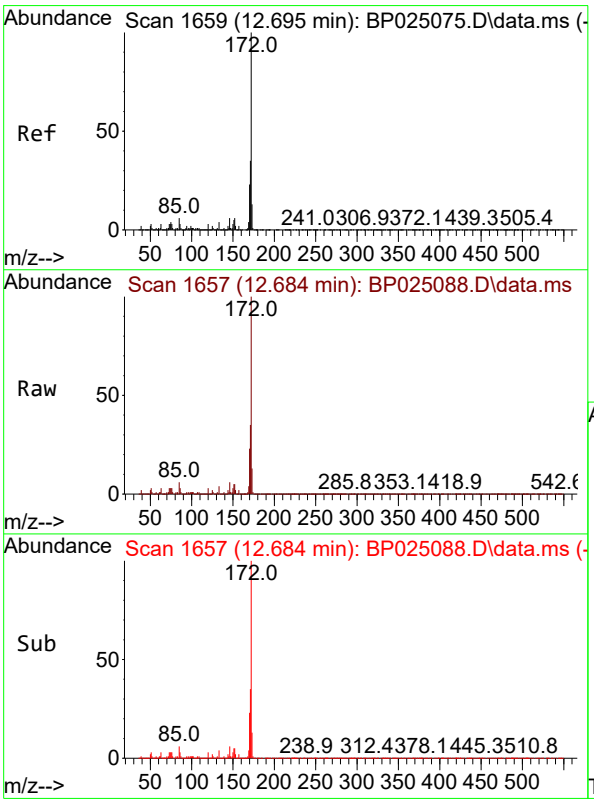
#42
2,4,6-Tribromophenol
Concen: 103.672 ng
RT: 15.613 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion:330 Resp: 1643755

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	30.1	26.0	39.0

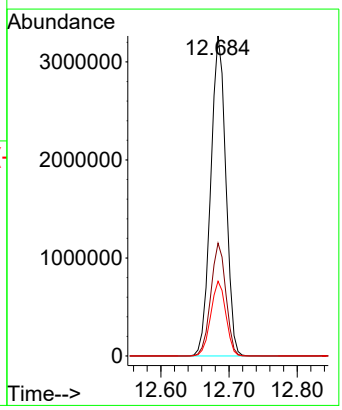


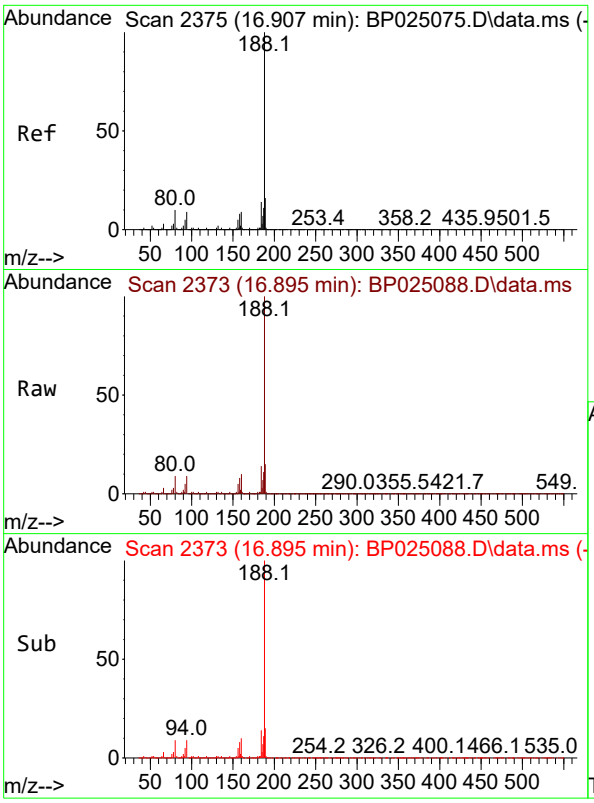


#45
2-Fluorobiphenyl
Concen: 58.081 ng
RT: 12.684 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:172 Resp: 5031985

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.3	18.7	28.1



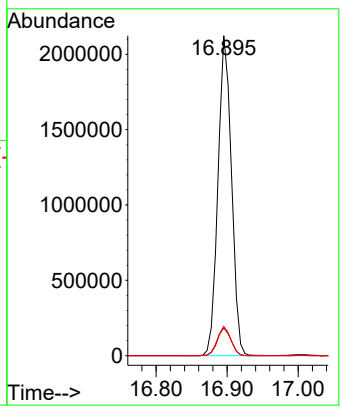


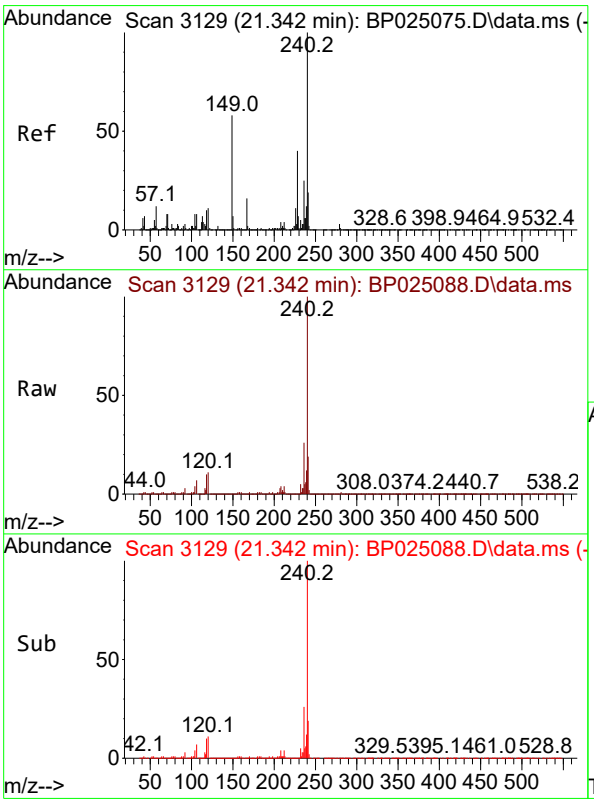
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion:188 Resp: 2785698

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.1	7.8	11.6

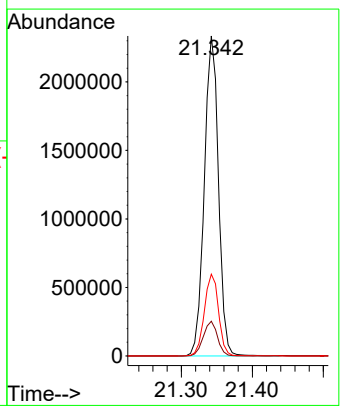


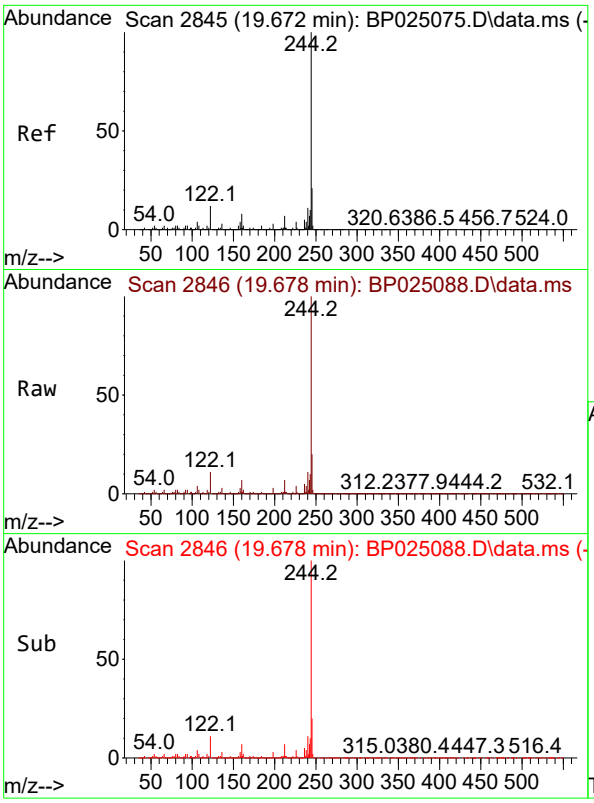


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:240 Resp: 3238763

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.5	20.3	30.5



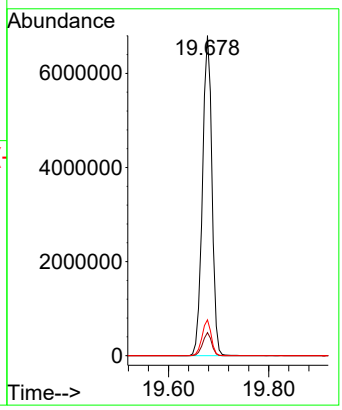


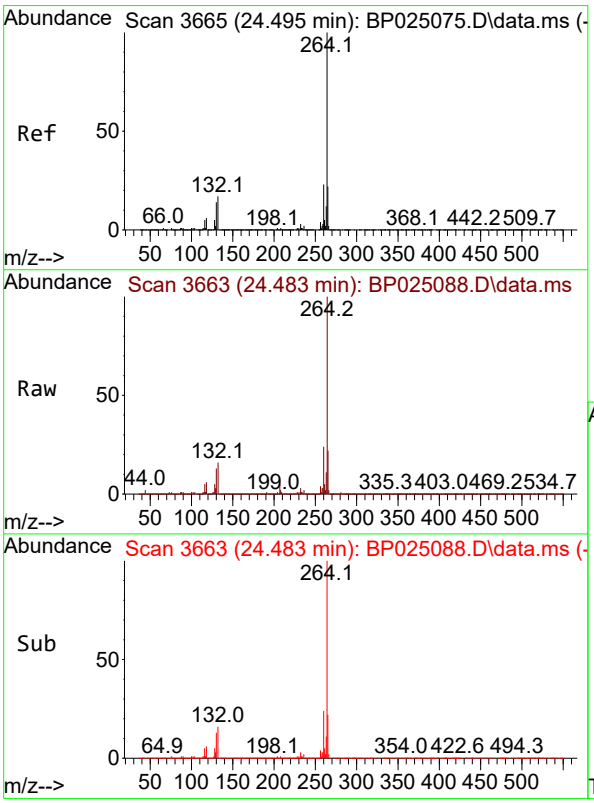
#79
Terphenyl-d14
Concen: 60.586 ng
RT: 19.678 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Instrument :
BNA_P
ClientSampleId :
TP-30

Tgt Ion:244 Resp: 8928169

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.2	9.4	14.2

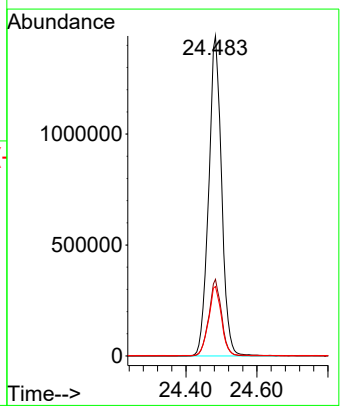




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025088.D
Acq: 10 Jul 2025 18:21

Tgt Ion:264 Resp: 3650800

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.7	17.7	26.5



Sample Results: **BP025088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

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

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

Signal : TIC: BP025088.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.655	286	292	300	rBV	484561	681733	2.88%	0.590%
2	5.102	359	368	382	rBV	5981864	8612312	36.42%	7.448%
3	6.631	617	628	639	rBV	5717939	9189105	38.86%	7.947%
4	7.437	758	765	774	rVB	2049670	2998443	12.68%	2.593%
5	8.566	947	957	972	rBV	3381575	5744388	24.29%	4.968%
6	10.178	1220	1231	1239	rBV	2369162	4158776	17.59%	3.597%
7	12.684	1649	1657	1668	rVB	9104667	14016687	59.28%	12.122%
8	14.084	1889	1895	1908	rVB	3453994	5533606	23.40%	4.786%
9	15.484	2127	2133	2147	rVB	1307676	1889711	7.99%	1.634%
10	15.613	2147	2155	2168	rBV	7793176	11533348	48.78%	9.974%
11	16.895	2367	2373	2384	rVB2	5055685	6721939	28.43%	5.813%
12	17.895	2538	2543	2551	rBV	798152	1181273	5.00%	1.022%
13	19.242	2768	2772	2783	rBV	194483	349137	1.48%	0.302%
14	19.678	2840	2846	2857	rVB	18370560	23644779	100.00%	20.448%
15	21.078	3080	3084	3097	rBV	651833	1193980	5.05%	1.033%
16	21.342	3122	3129	3139	rBV2	6194771	8776613	37.12%	7.590%
17	24.483	3653	3663	3675	rBV	3742541	9406829	39.78%	8.135%

Sum of corrected areas: 115632659

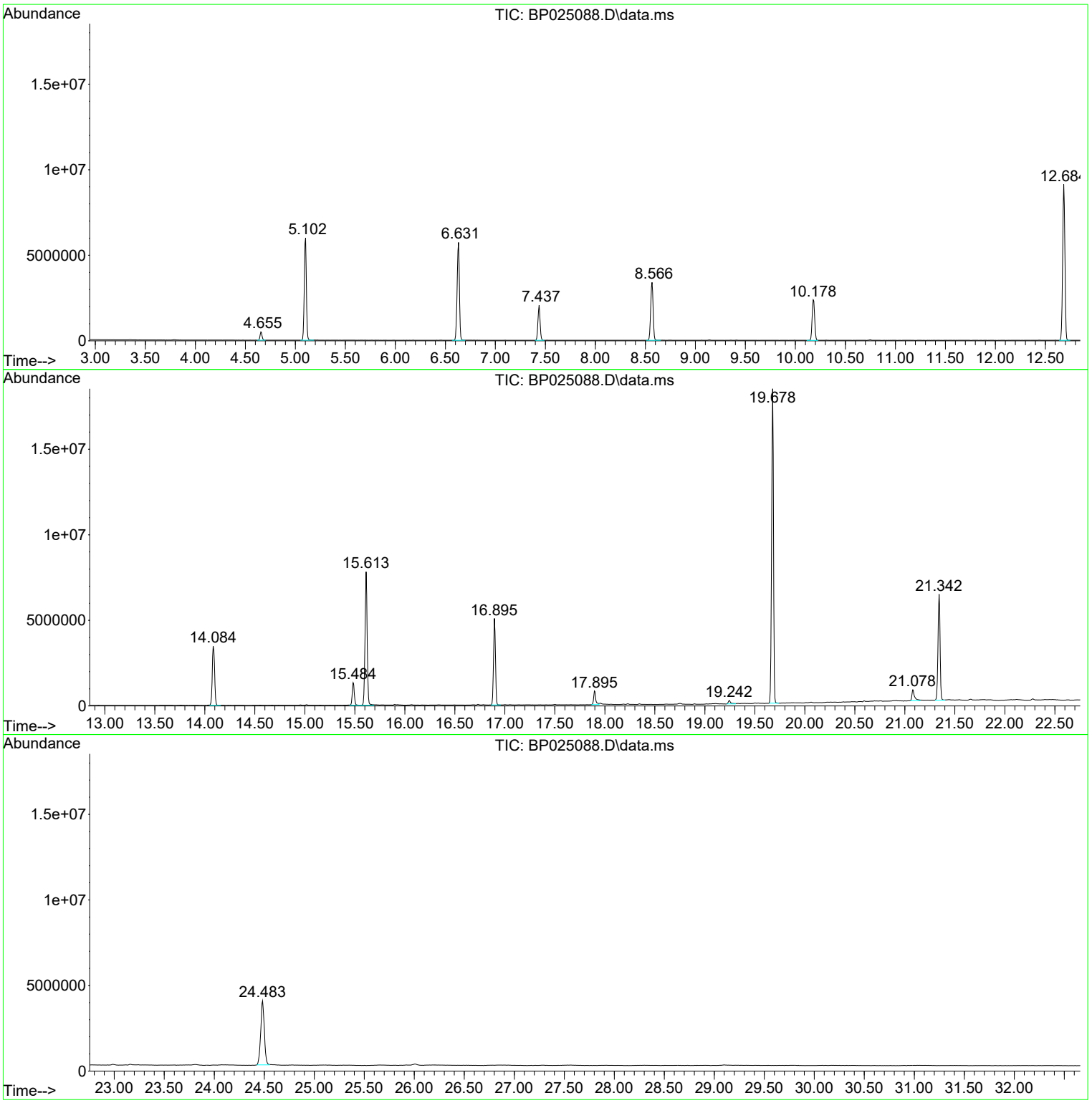
Sample Results: **BP025088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

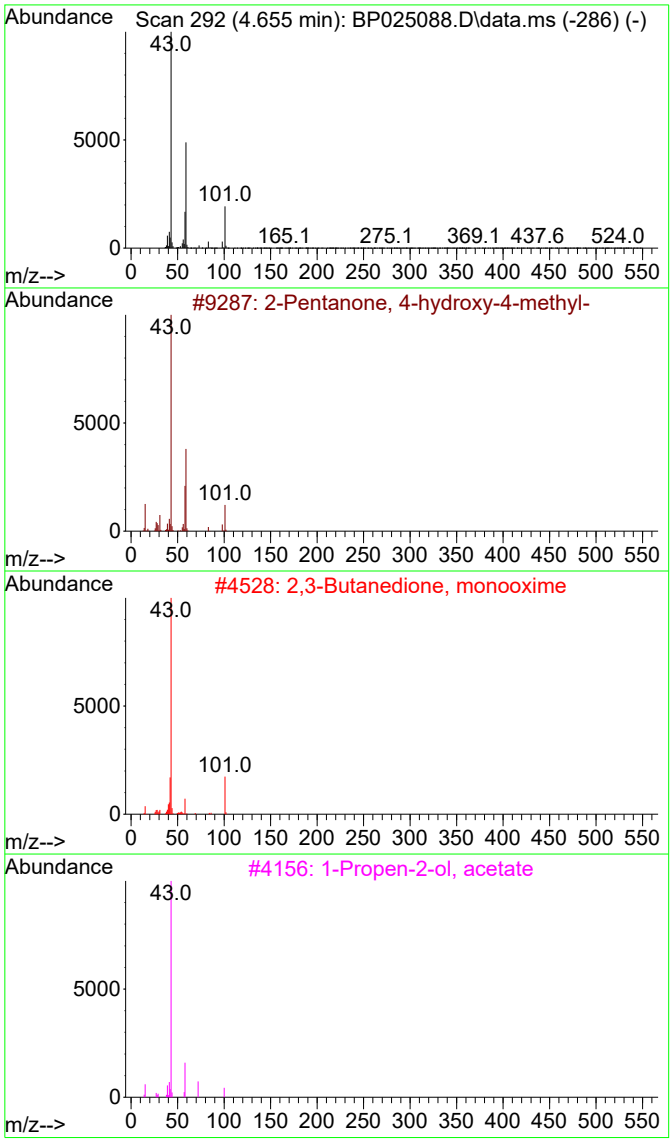
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

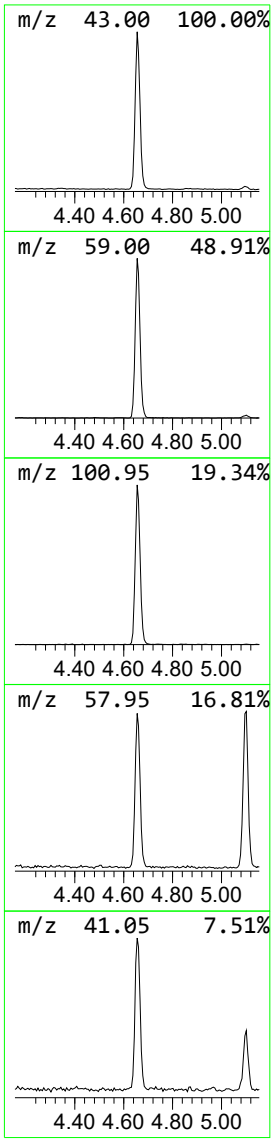
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.655	4.55 ng	681733	1,4-Dichlorobenzene-d4	7.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

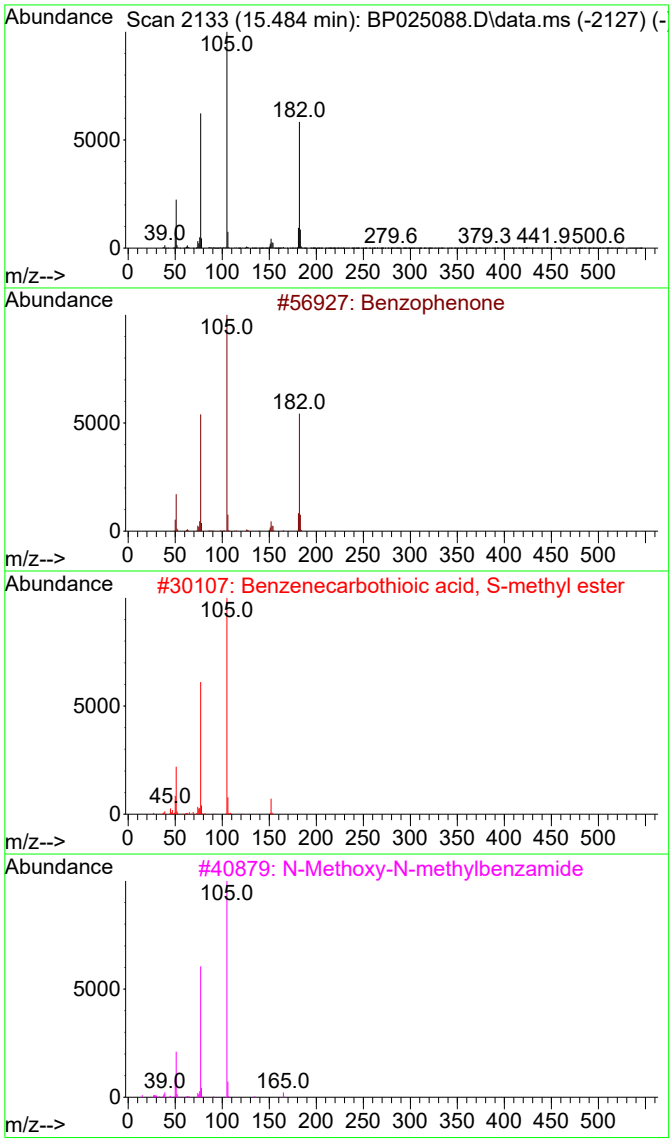
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

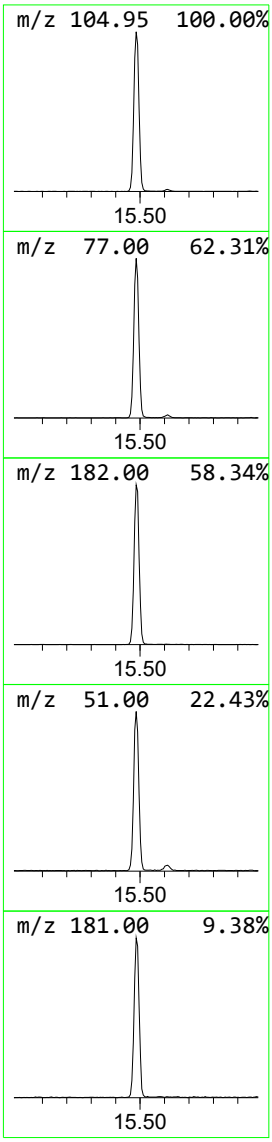
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Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.484	6.83 ng	1889710	Acenaphthene-d10	14.084

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

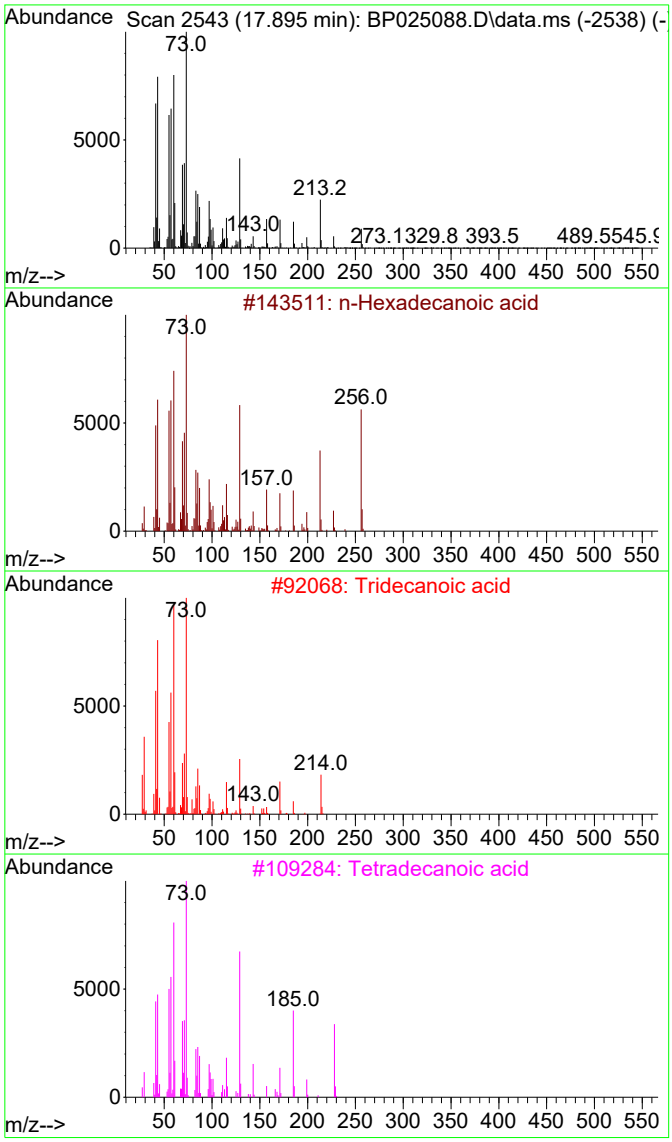
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

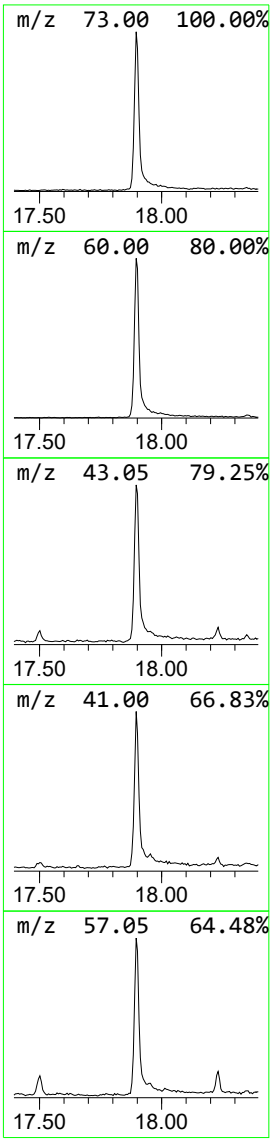
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.895	3.51 ng	1181270	Phenanthrene-d10	16.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

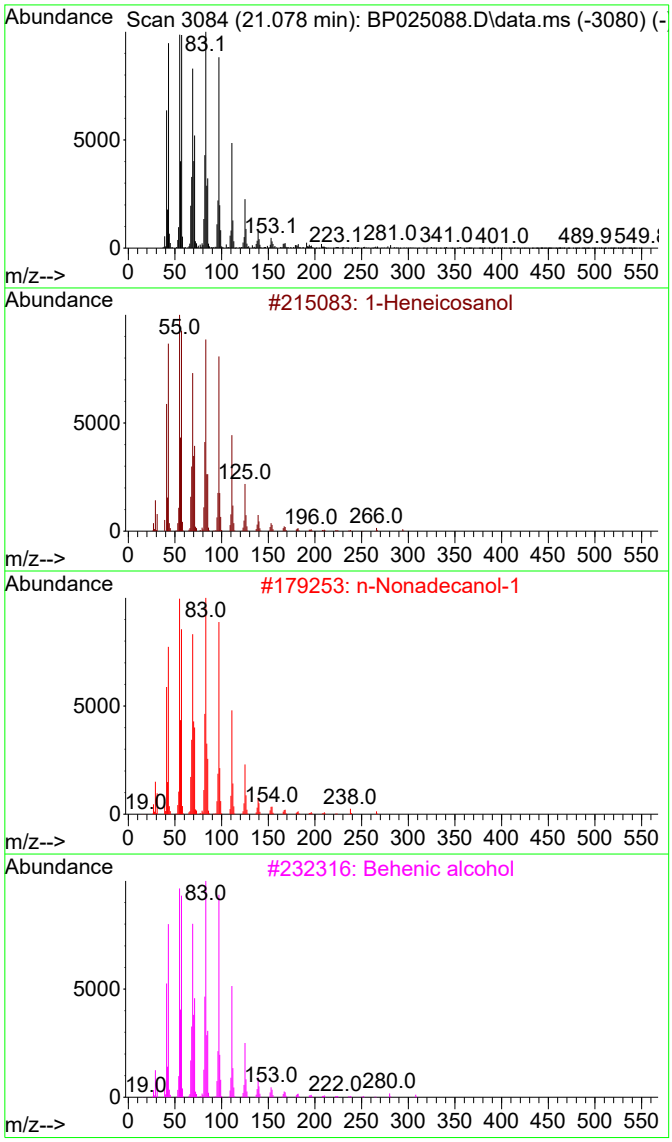
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TIC Integration Parameters: LSCINT.P

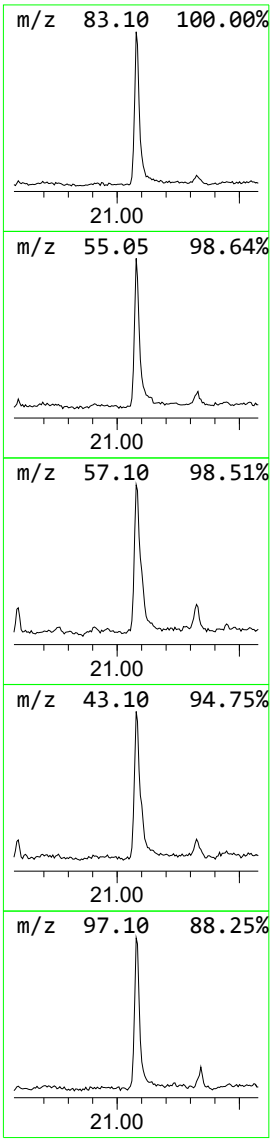
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Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.078	2.72 ng	1193980	Chrysene-d12	21.342

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Sample Results: **BP025088.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025088.D
Acq On : 10 Jul 2025 18:21
Operator : CG/JU
Sample : Q2529-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-30

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.655	4.5	ng	681733	1	7.437	2998440	20.0
Benzophenone	15.484	6.8	ng	1889710	3	14.084	5533610	20.0
n-Hexadecanoic ...	17.895	3.5	ng	1181270	4	16.895	6721940	20.0
1-Heneicosanol	21.078	2.7	ng	1193980	5	21.342	8776610	20.0

CALIBRATION SUMMARY

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: CAMP02

Lab Code: ACE SDG No.: Q2529

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: CAMP02

Lab Code: ACE SDG No.: Q2529

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: CAMP02

Lab Code: ACE SDG No.: Q2529

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
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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

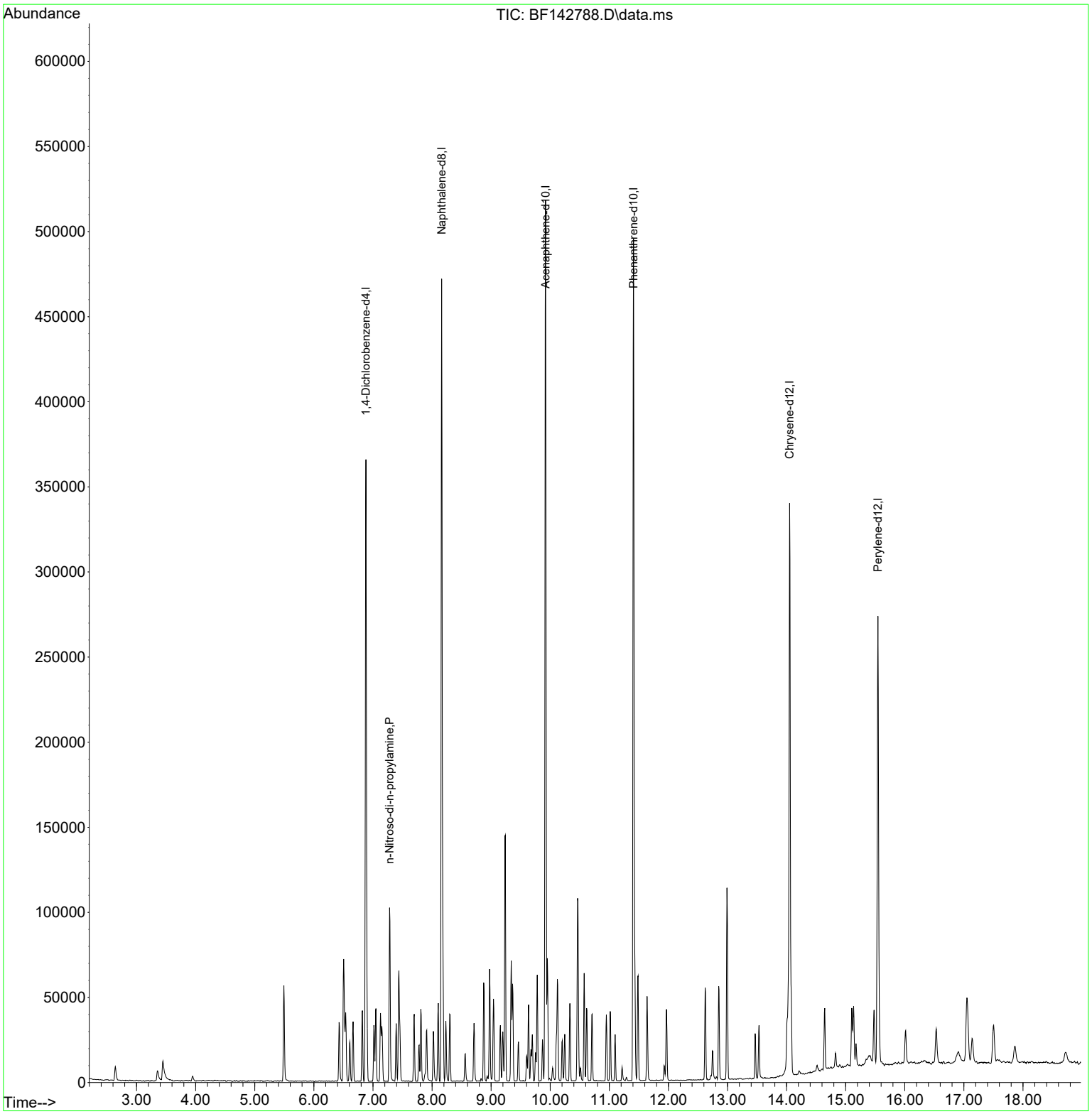
(#) = qualifier out of range (m) = manual integration (+) = signals summed

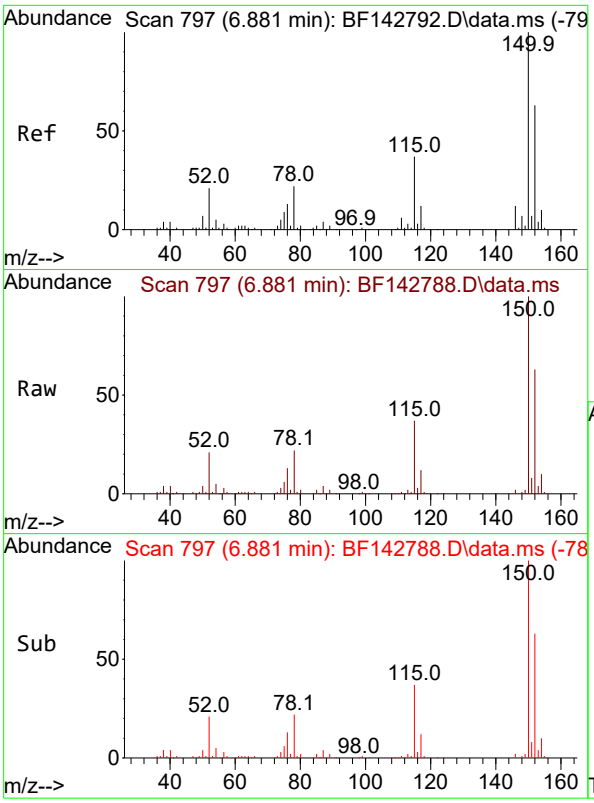
ICAL Form

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



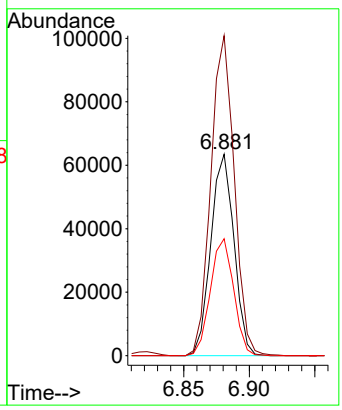


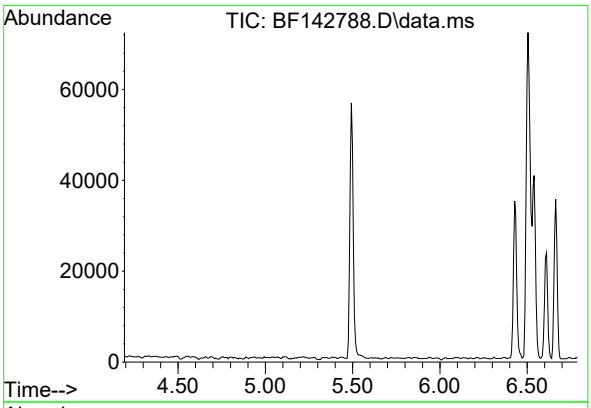
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



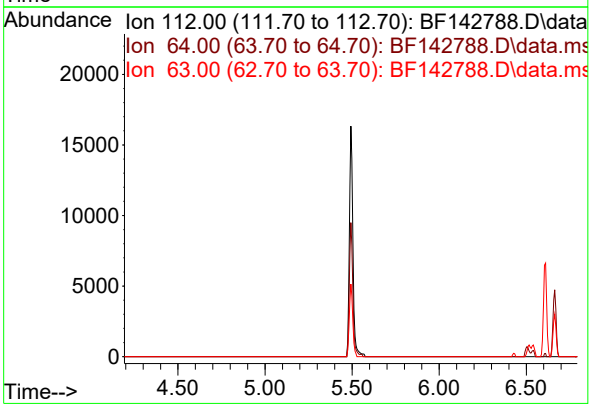


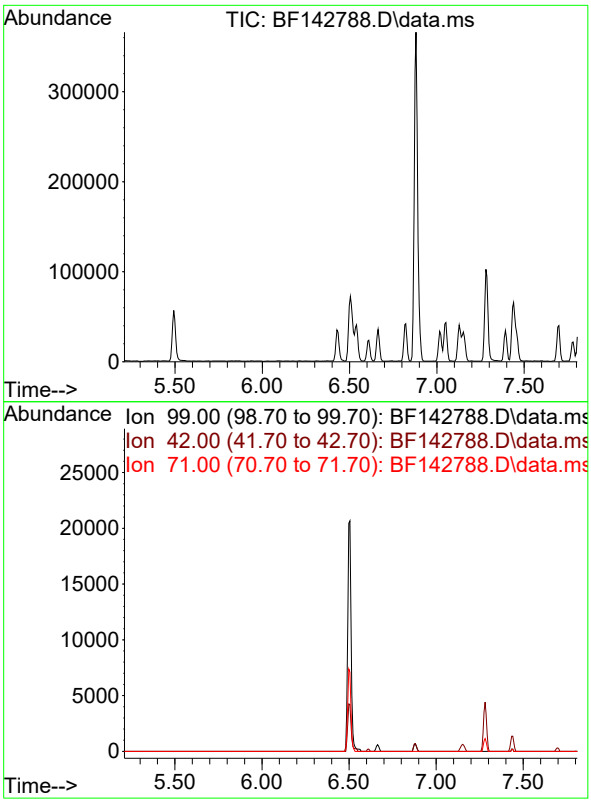
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	60.2
63	32.1





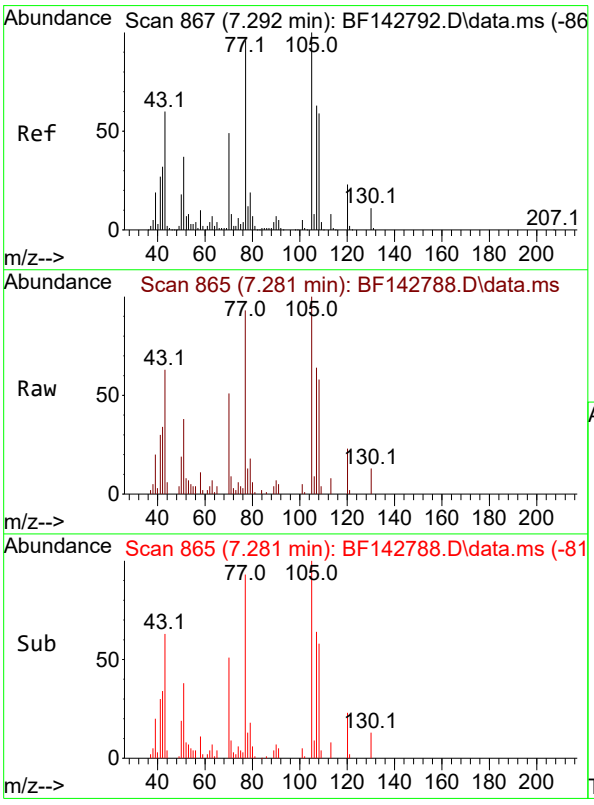
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

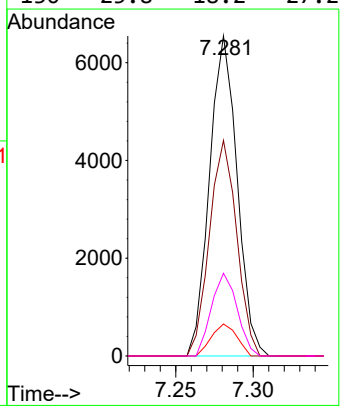
Sig	Exp Ratio
99	100
42	19.9
71	34.8

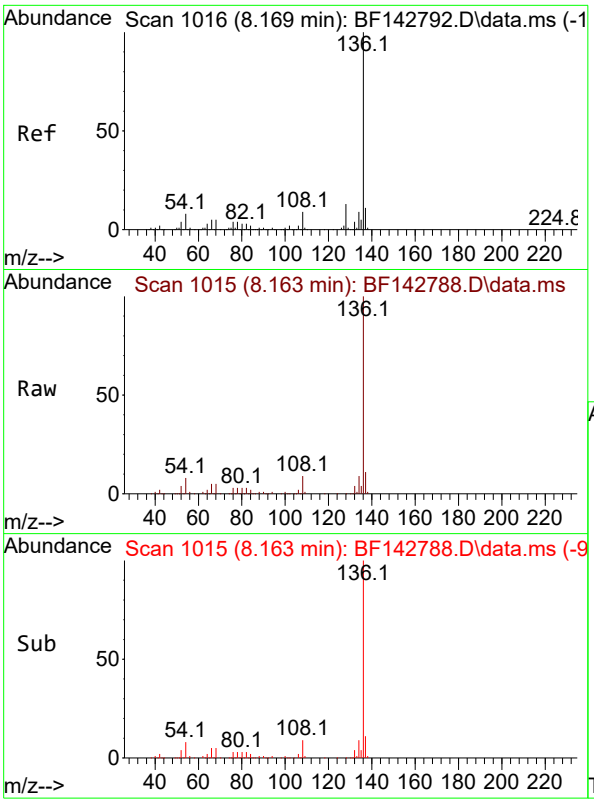


#19
n-Nitroso-di-n-propylamine
Concen: 2.392 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



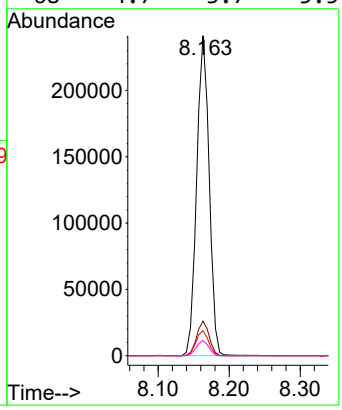


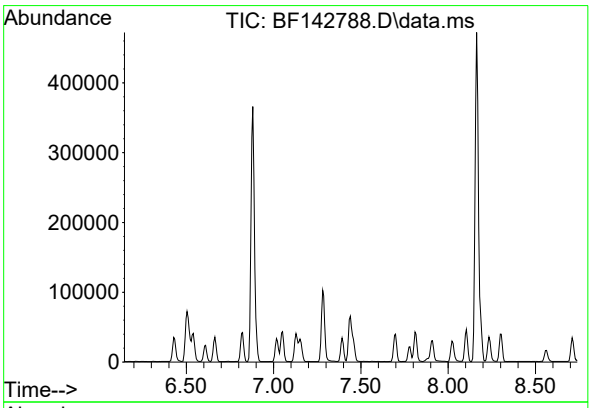
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



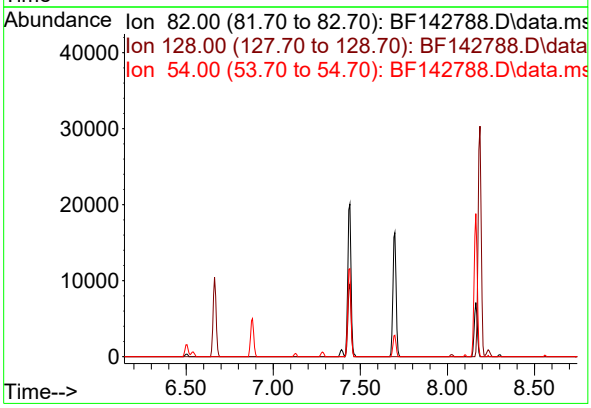


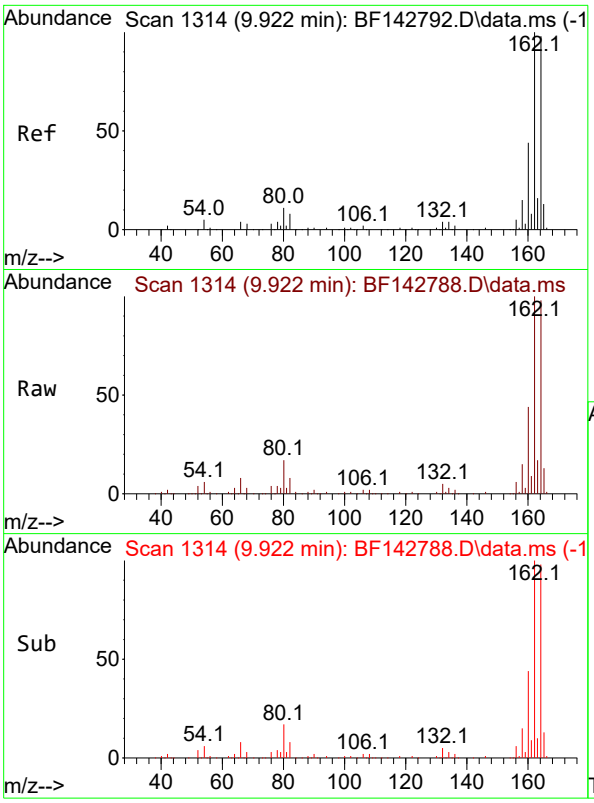
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.45 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	47.1
54	57.1



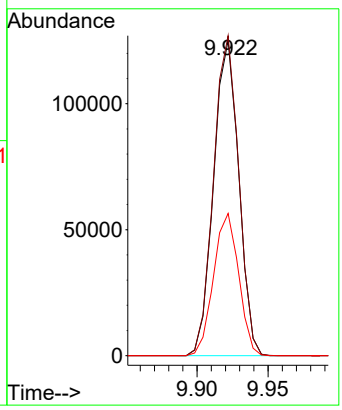


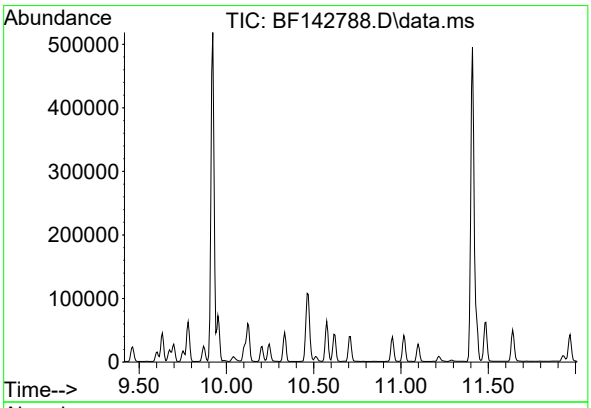
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



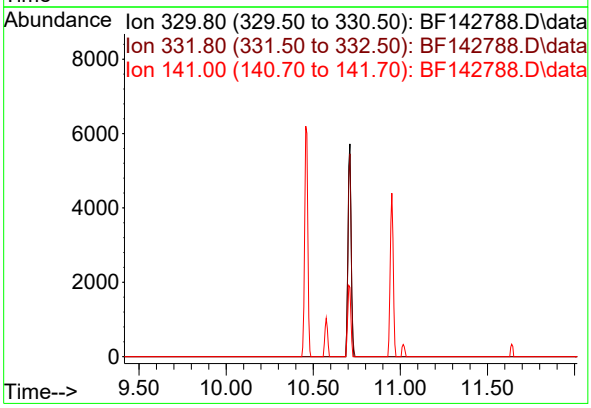


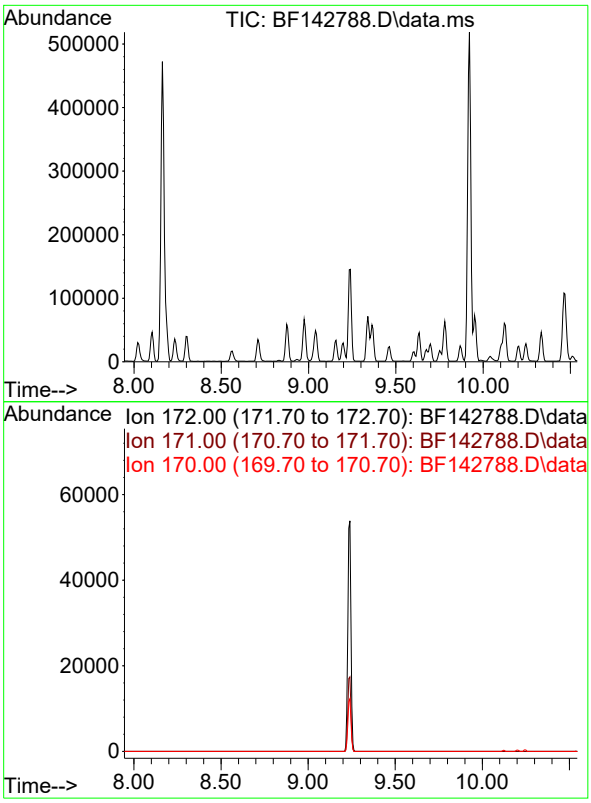
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.8
141	31.6





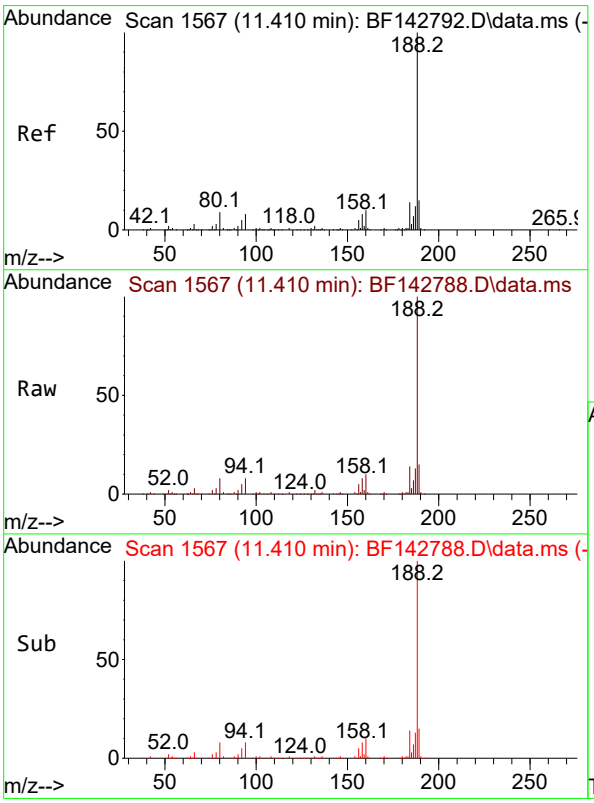
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

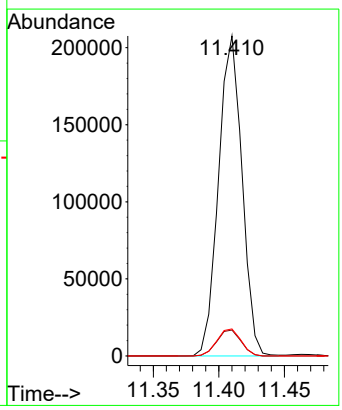
Sig	Exp Ratio
172	100
171	35.3
170	23.1

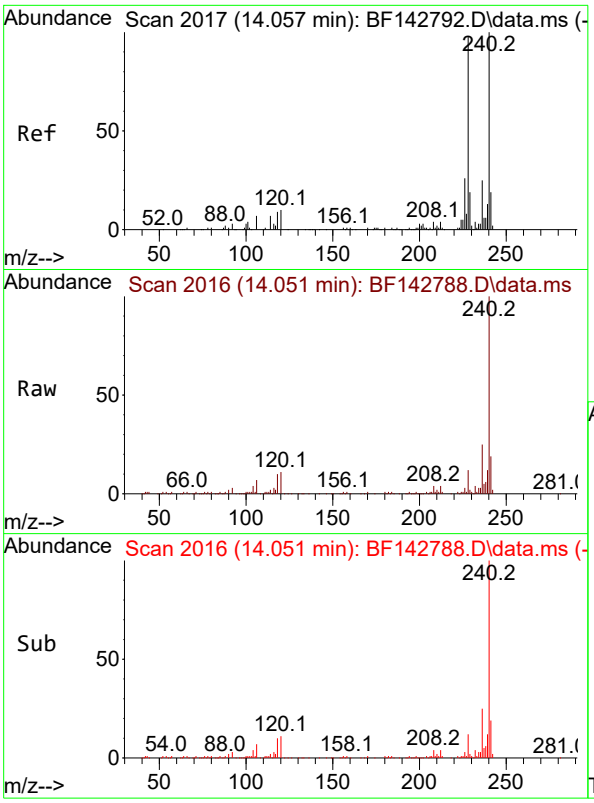


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



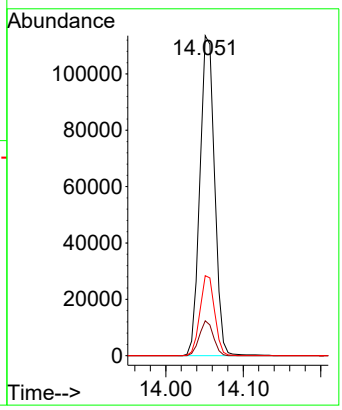


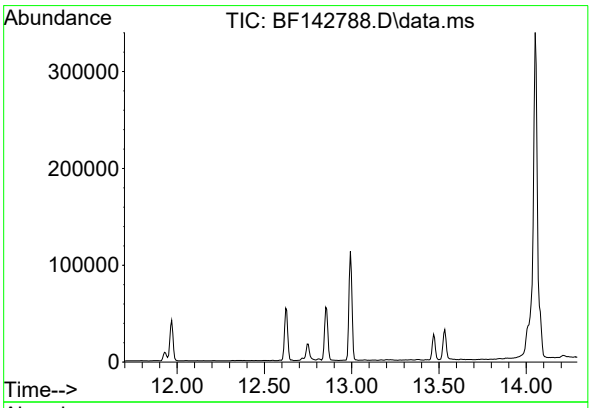
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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



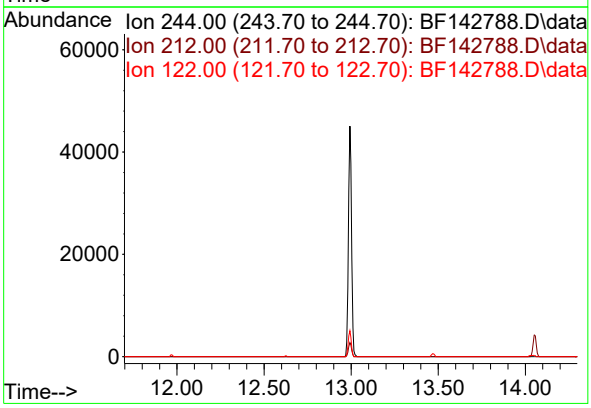


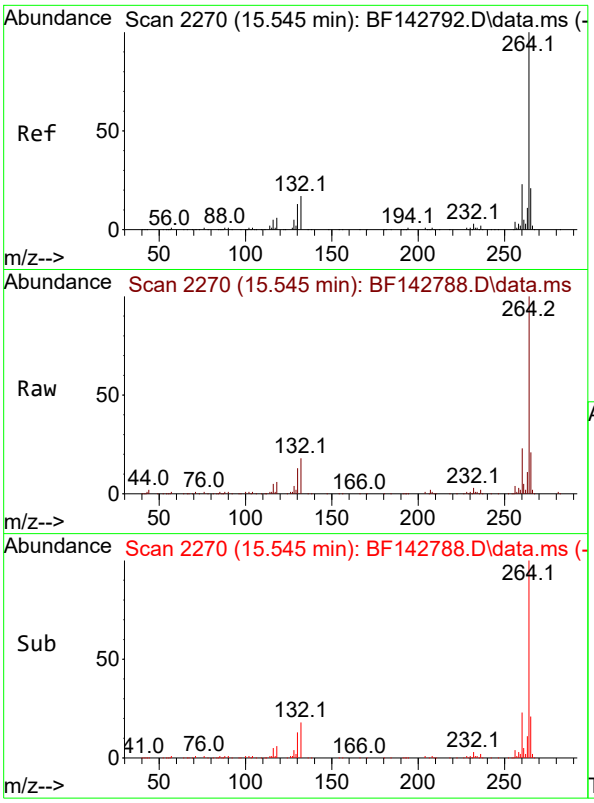
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	10.2



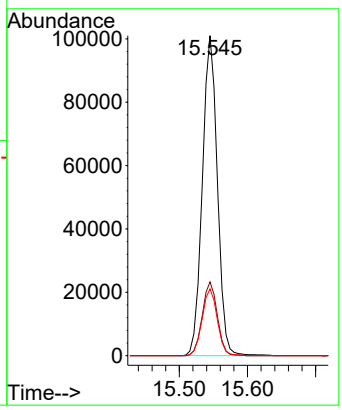


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142788.D
Acq: 19 Jun 2025 17:07

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

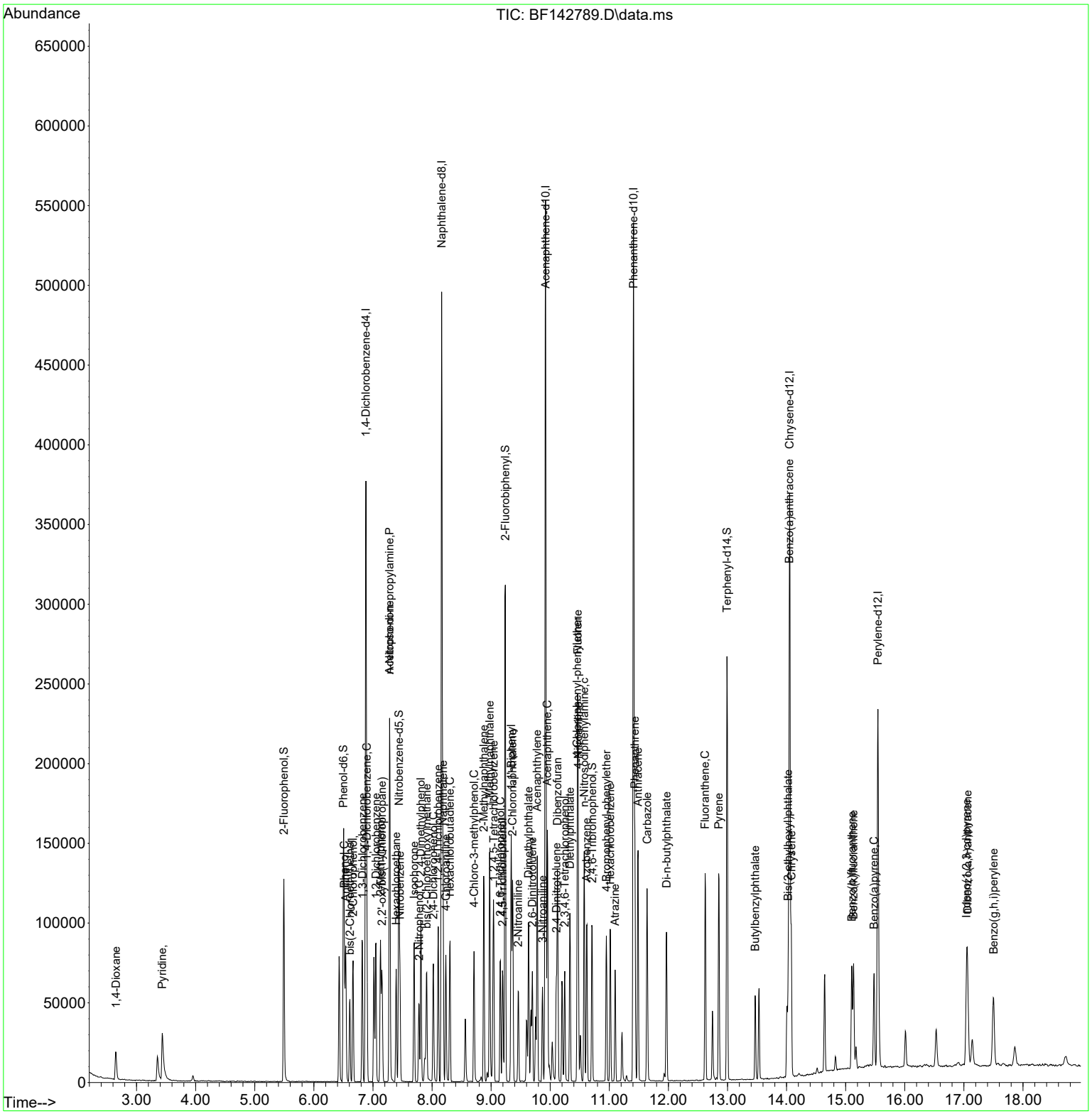
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	9.951	154	50726	5.230	ng		97
53) 3-Nitroaniline	9.869	138	12667	4.984	ng		99
55) Dibenzofuran	10.122	168	74998	5.420	ng		99
57) 2,4-Dinitrotoluene	10.104	165	15173	4.904	ng		96
58) Fluorene	10.469	166	59558	5.453	ng		100
59) 2,3,4,6-Tetrachlorophenol	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

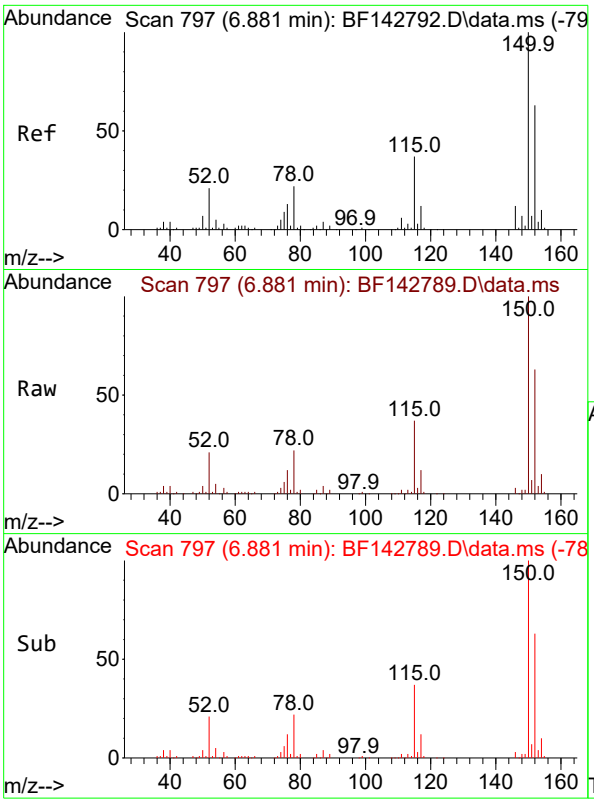
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



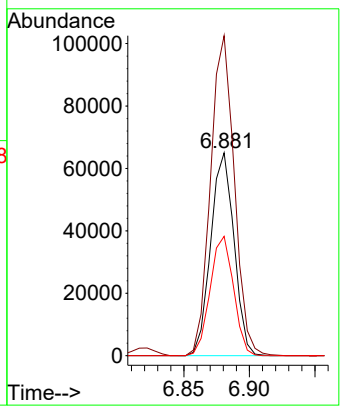


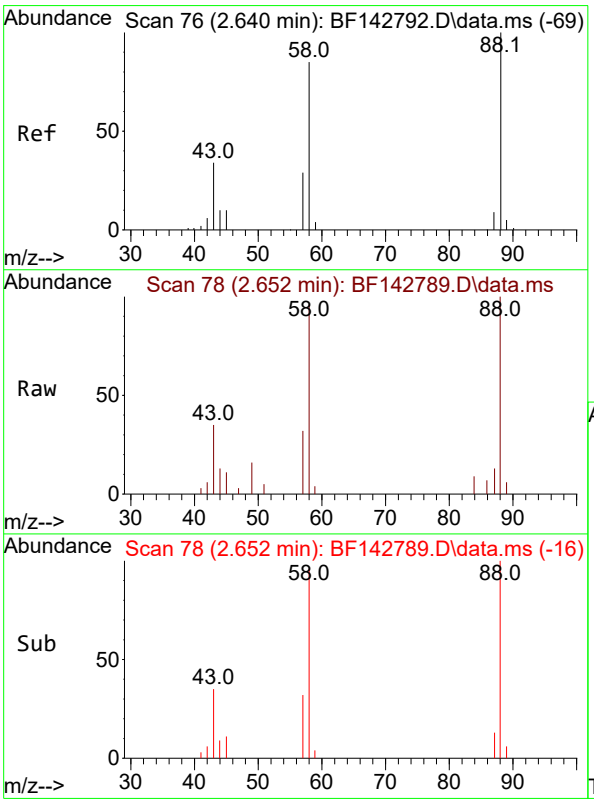
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

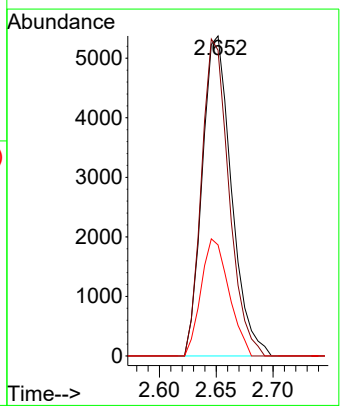


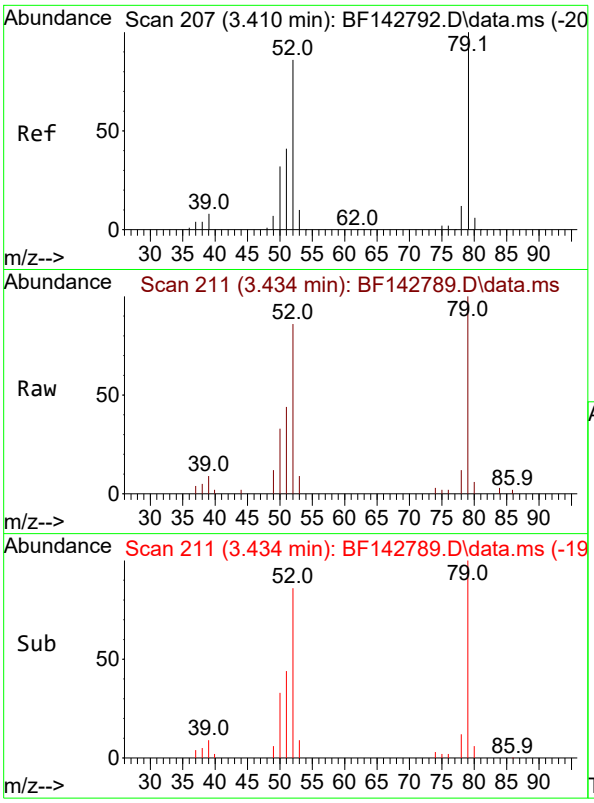


#2
1,4-Dioxane
Concen: 5.139 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



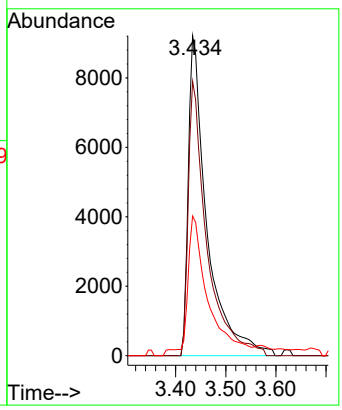


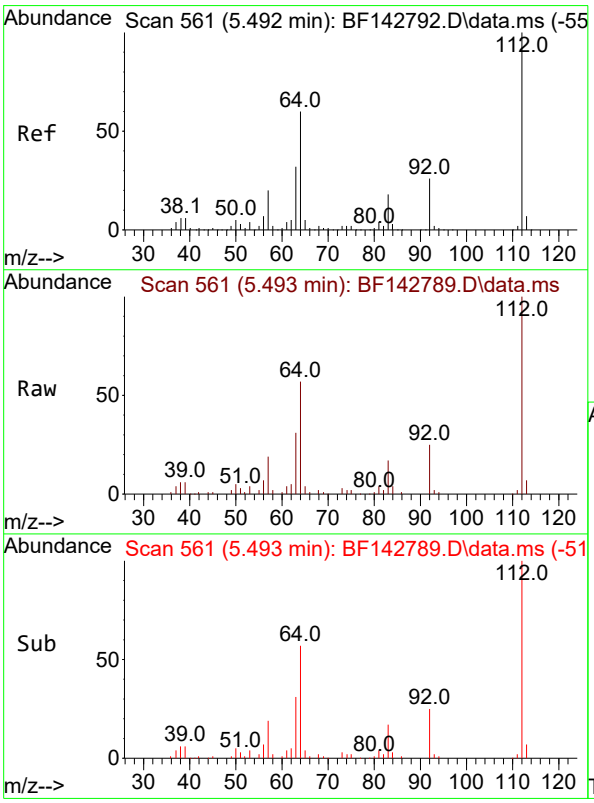
#3
Pyridine
Concen: 5.102 ng
RT: 3.434 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

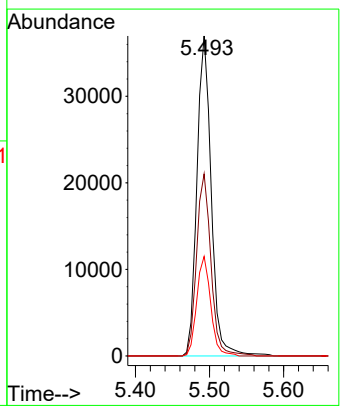


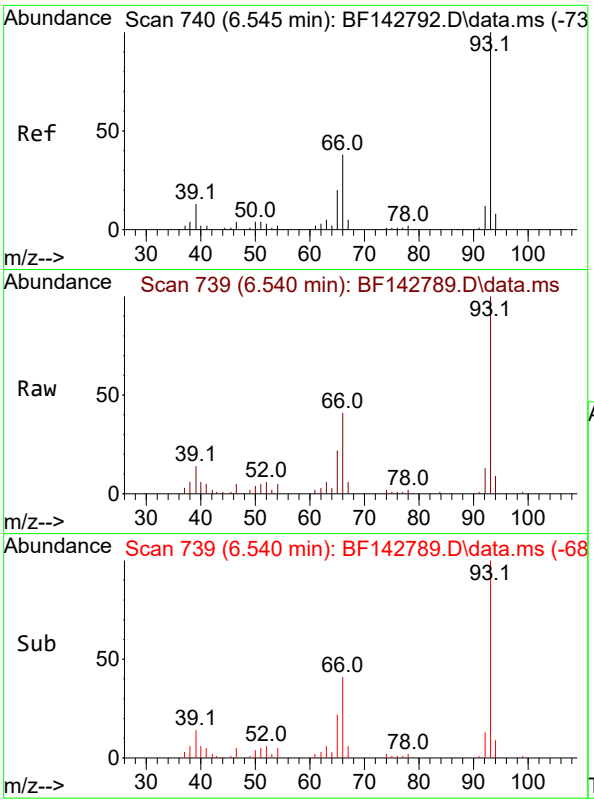


#5
2-Fluorophenol
Concen: 10.555 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



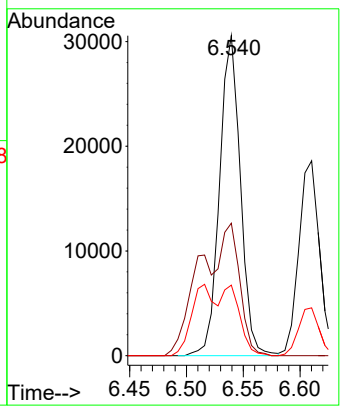


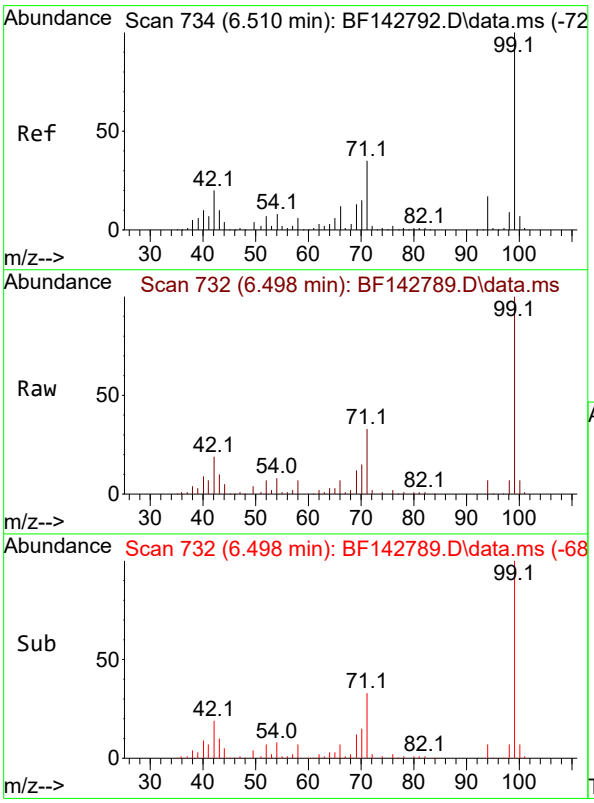
#6
Aniline
Concen: 5.286 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

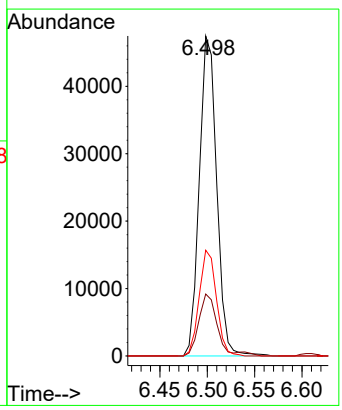


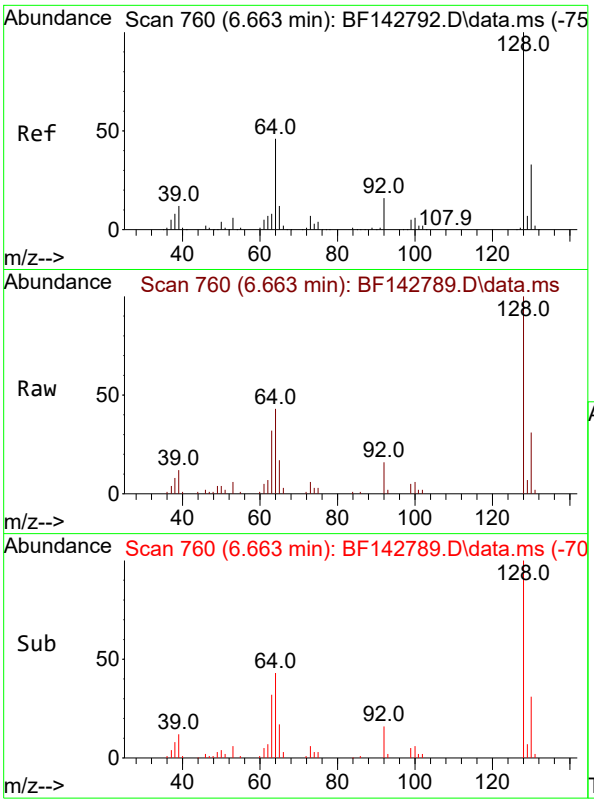


#7
Phenol-d6
Concen: 10.981 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



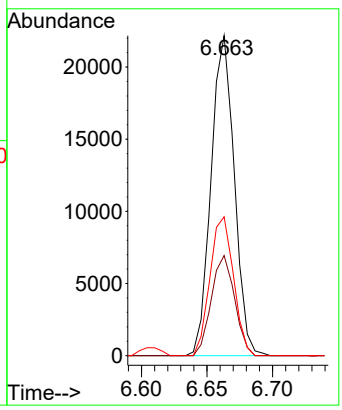


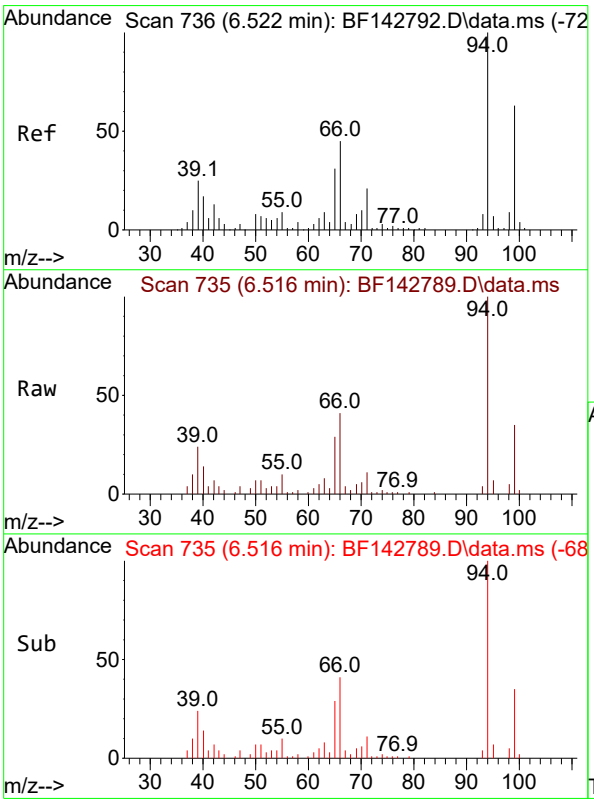
#8
2-Chlorophenol
Concen: 5.332 ng
RT: 6.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

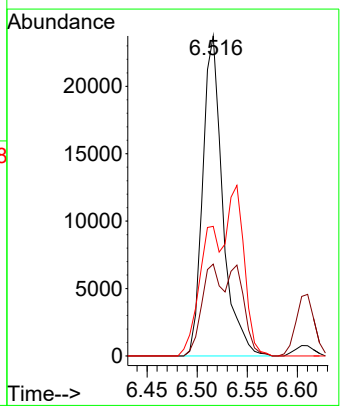


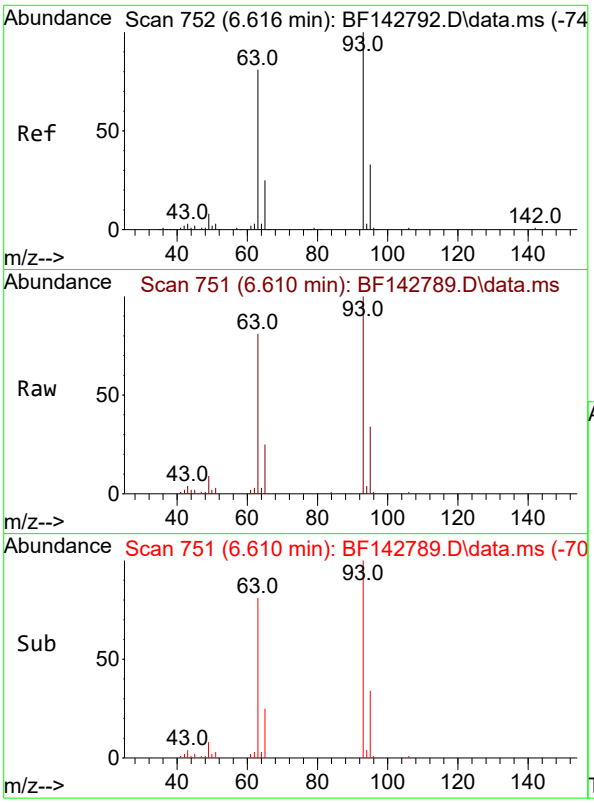


#10
Phenol
Concen: 5.369 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



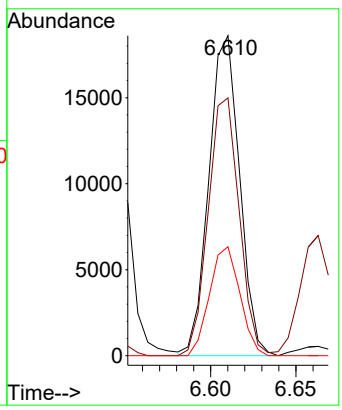


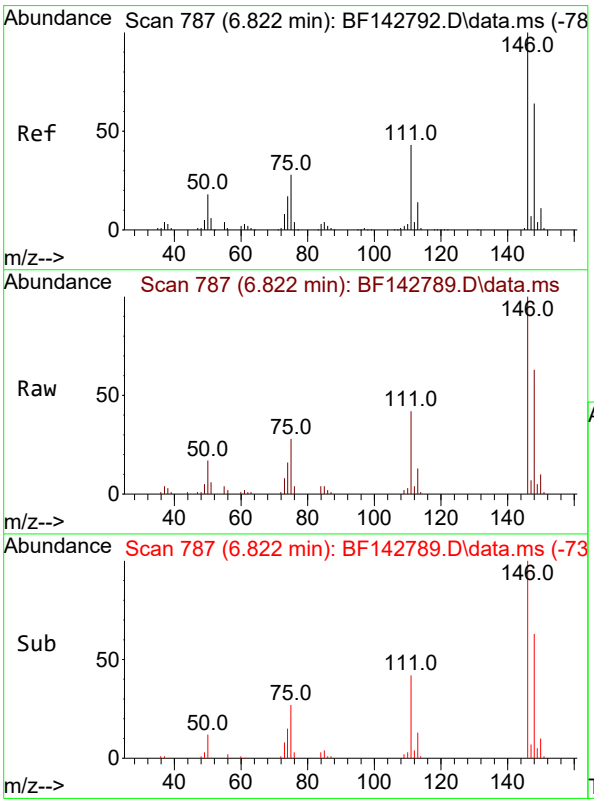
#11
bis(2-Chloroethyl)ether
Concen: 5.122 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

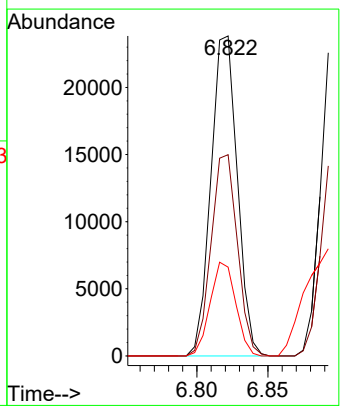


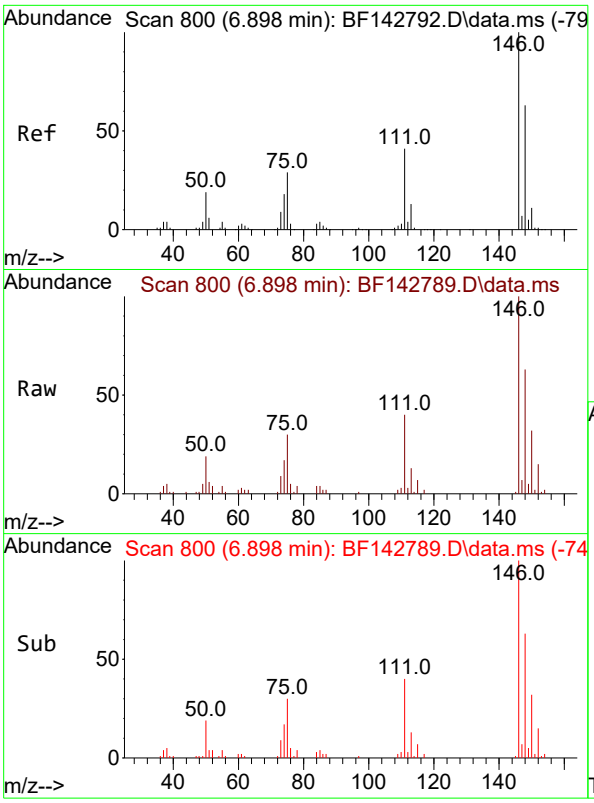


#12
1,3-Dichlorobenzene
Concen: 5.281 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



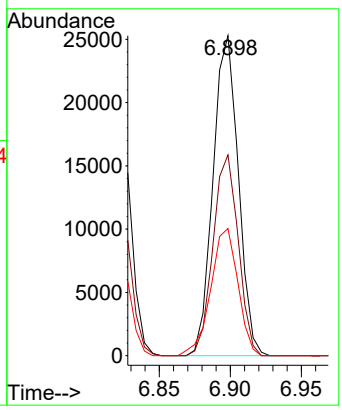


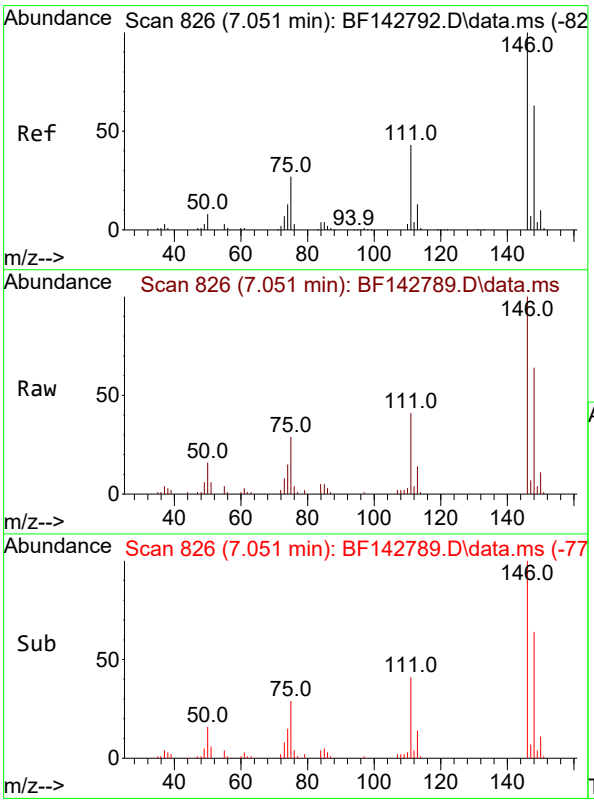
#13
1,4-Dichlorobenzene
Concen: 5.302 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

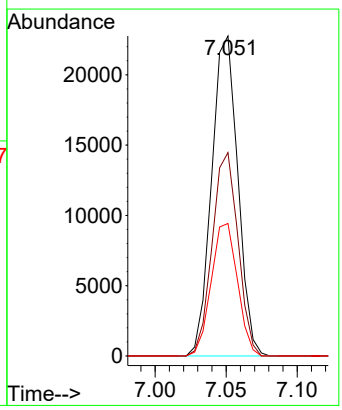


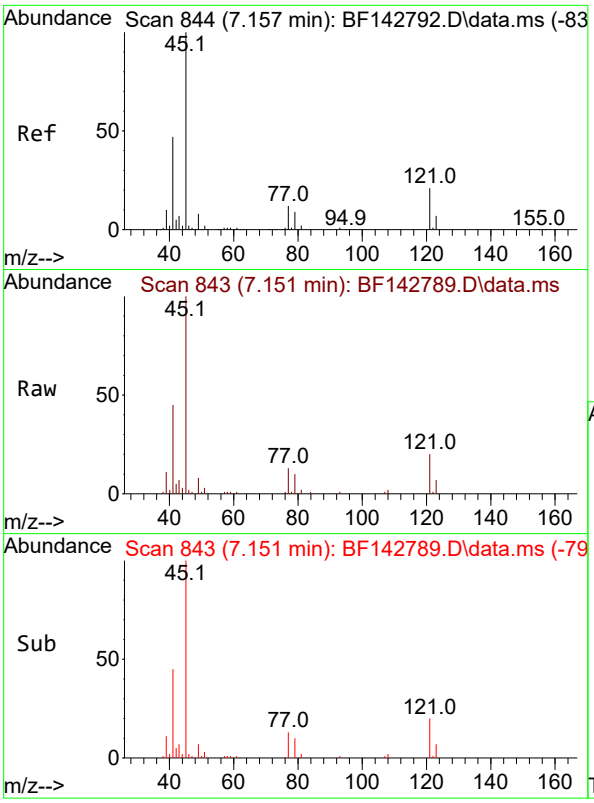


#14
1,2-Dichlorobenzene
Concen: 5.175 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



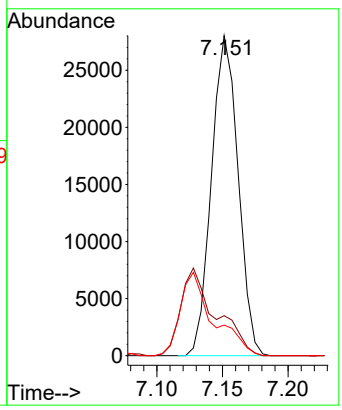


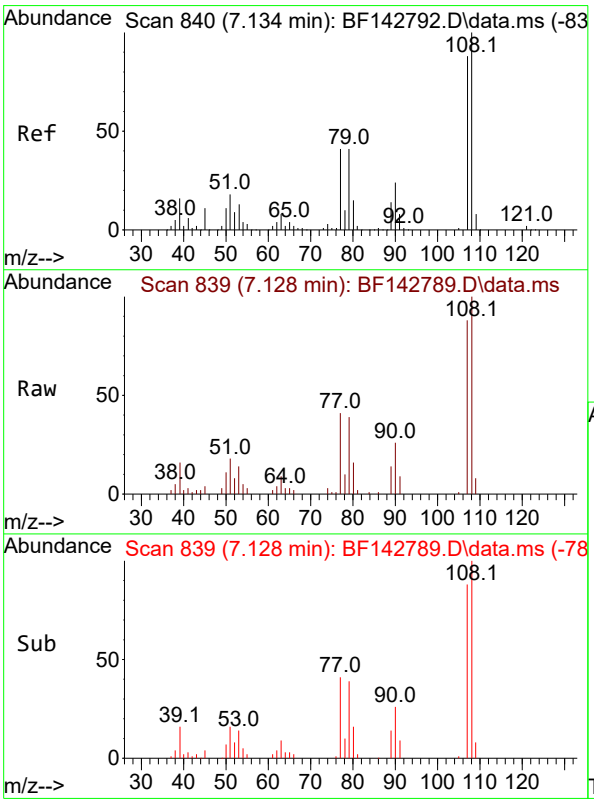
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.503 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

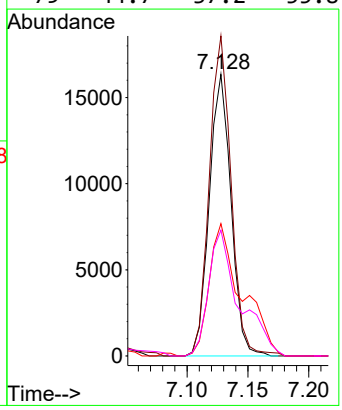


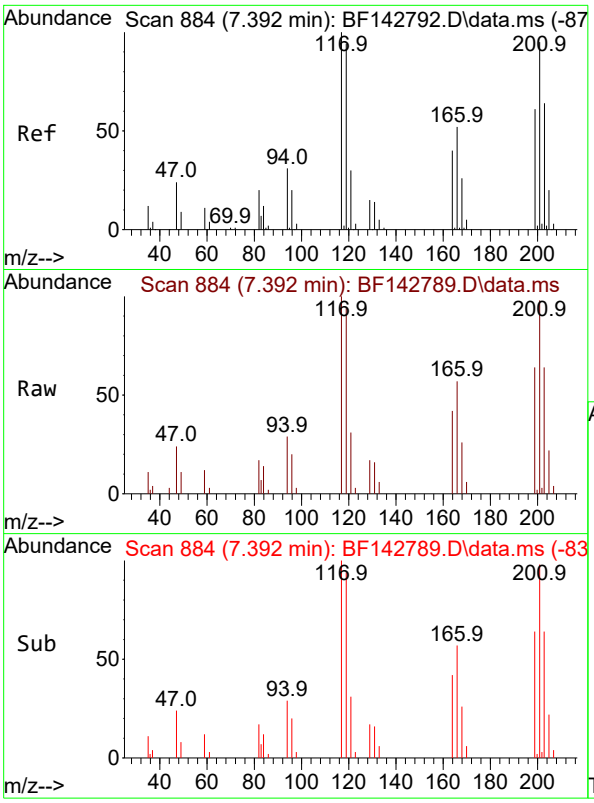


#17
2-Methylphenol
Concen: 5.199 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



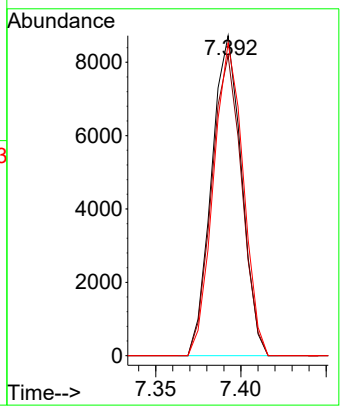


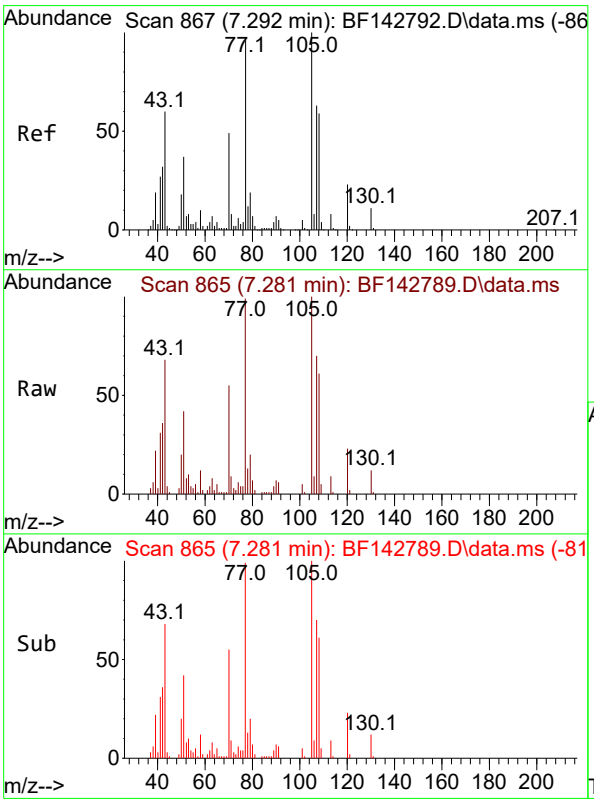
#18
Hexachloroethane
Concen: 5.054 ng
RT: 7.392 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

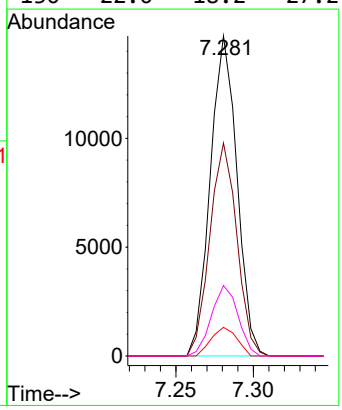


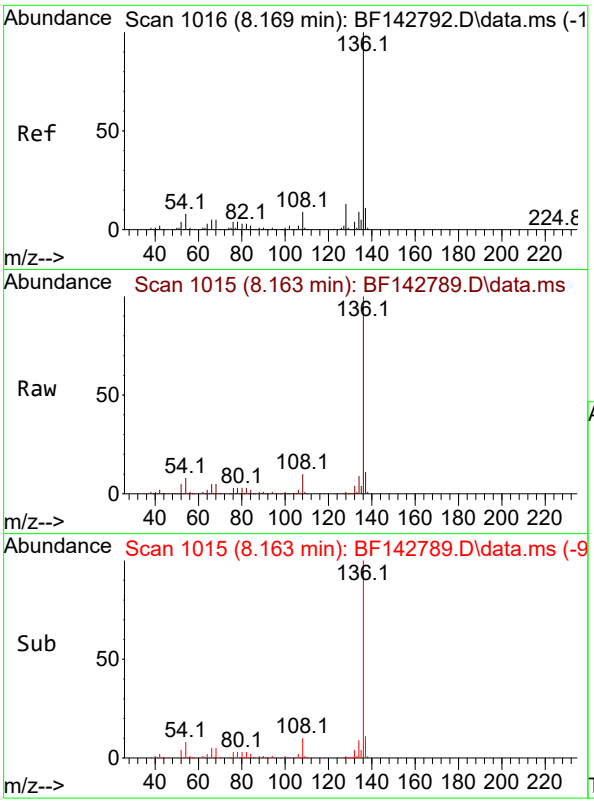


#19
n-Nitroso-di-n-propylamine
Concen: 5.061 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



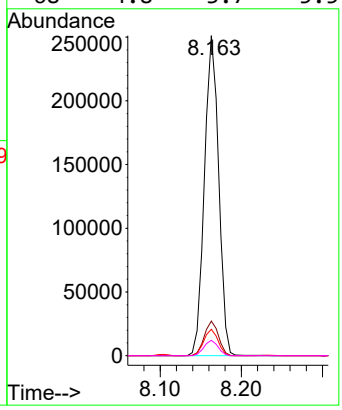


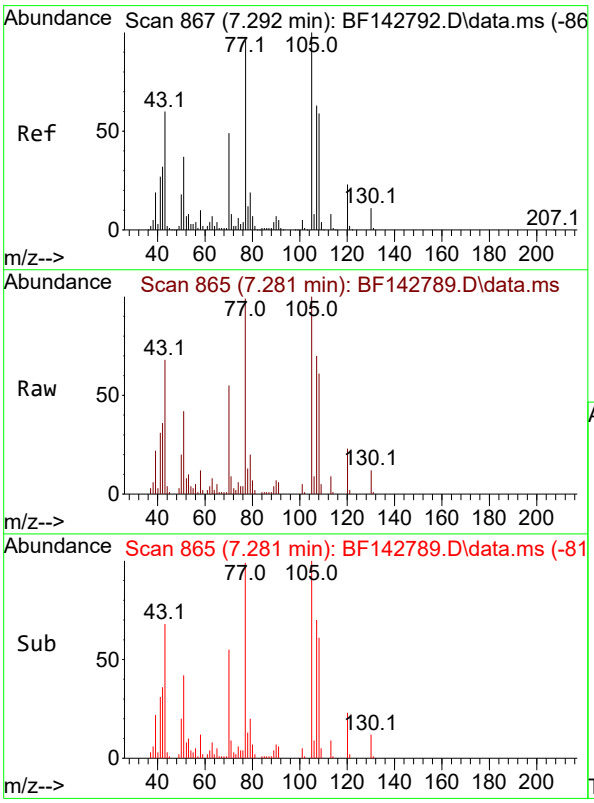
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

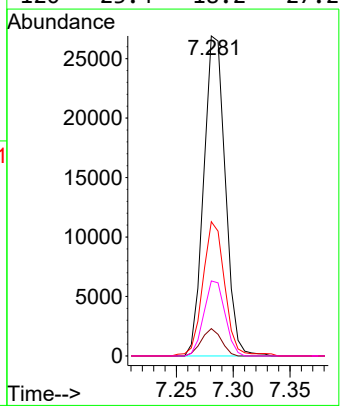


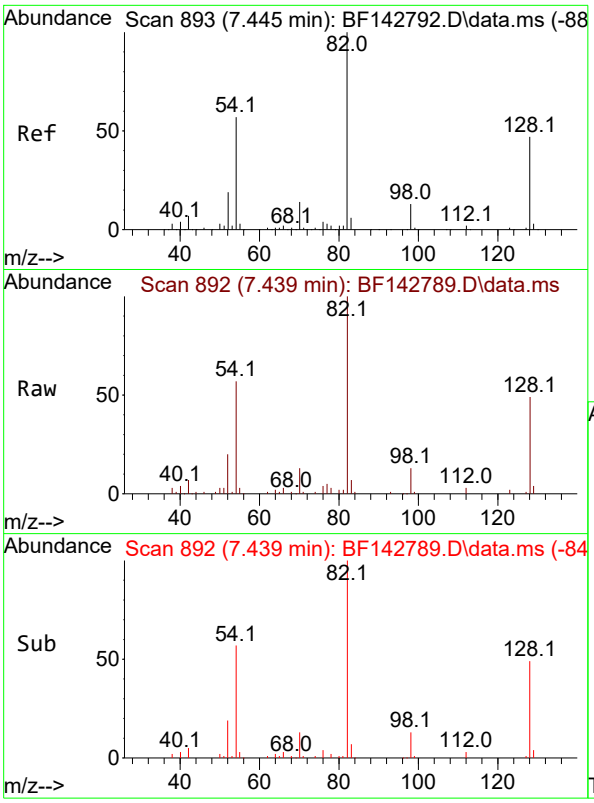


#22
Acetophenone
Concen: 5.240 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



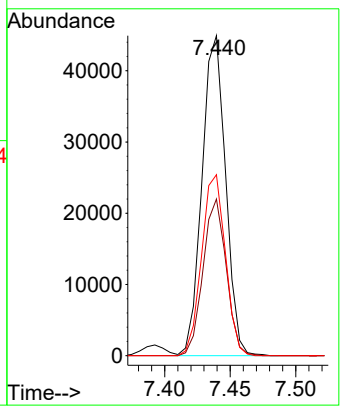


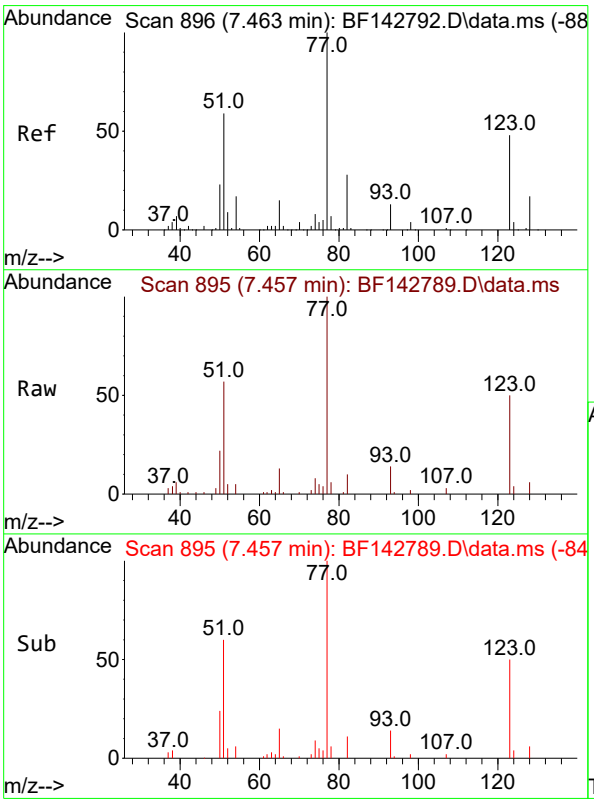
#23
Nitrobenzene-d5
Concen: 10.106 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

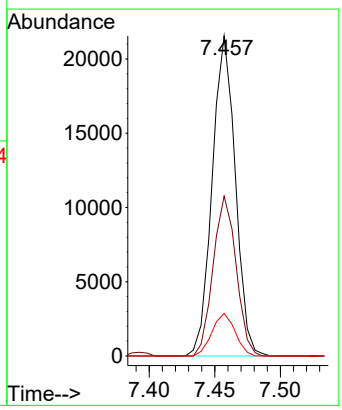


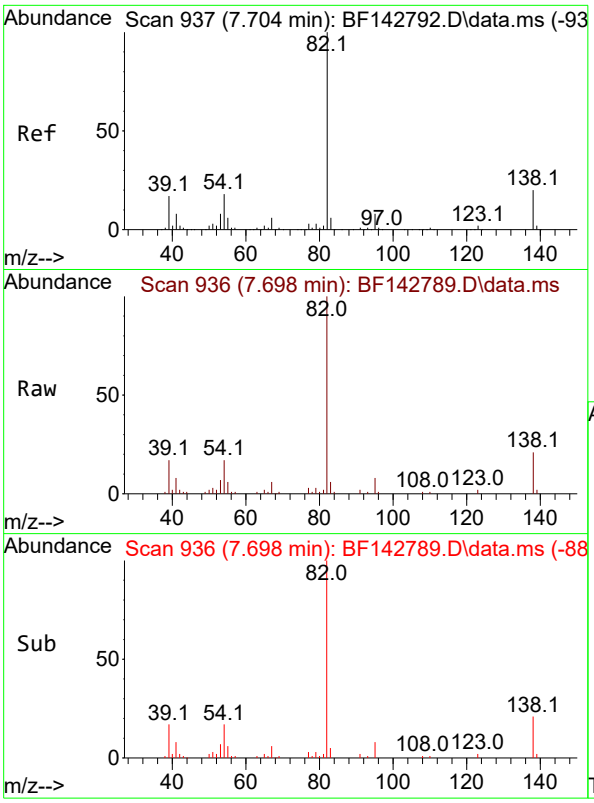


#24
Nitrobenzene
Concen: 5.324 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



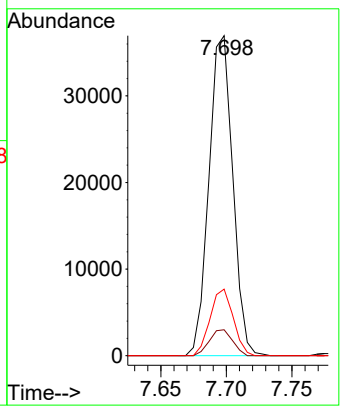


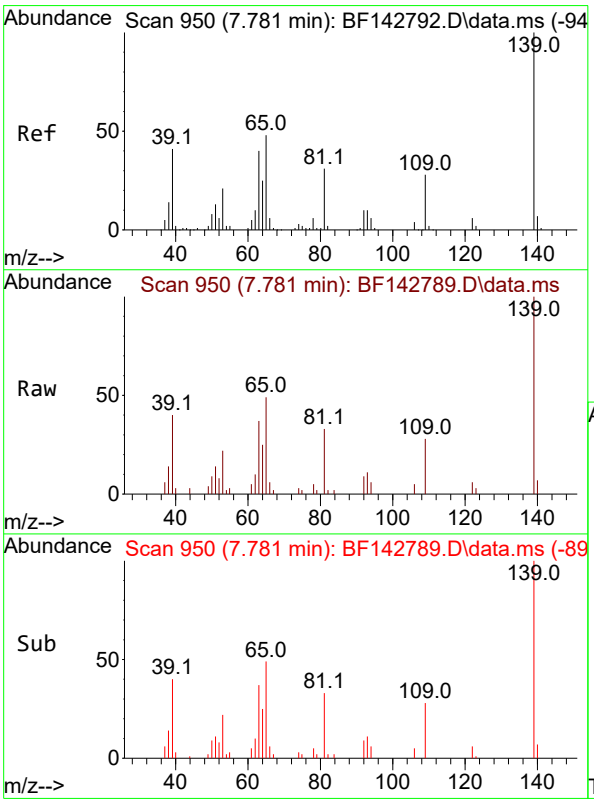
#25
Isophorone
Concen: 4.997 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

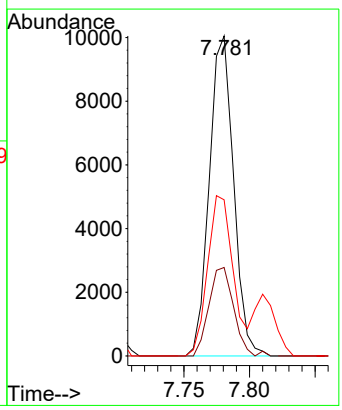


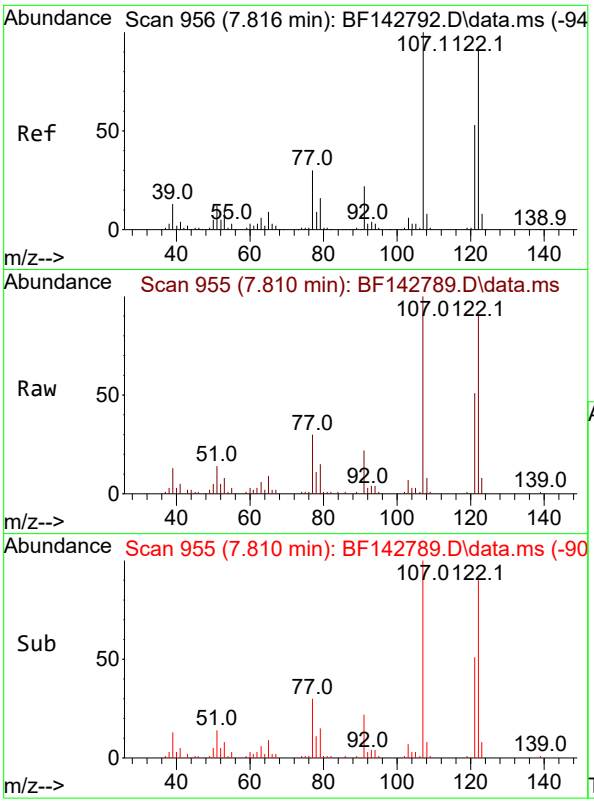


#26
2-Nitrophenol
Concen: 4.682 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



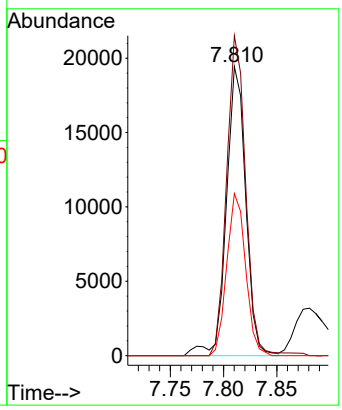


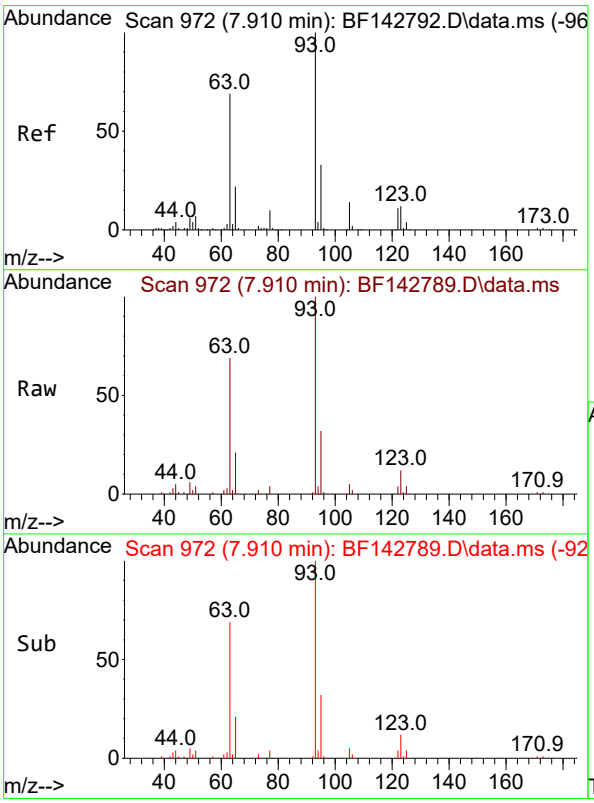
#27
2,4-Dimethylphenol
Concen: 5.242 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

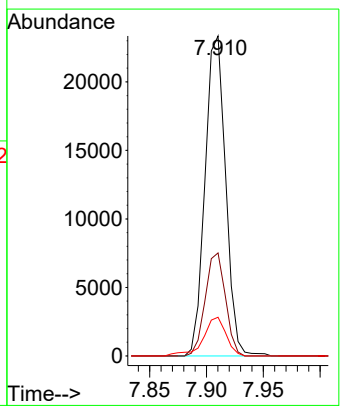


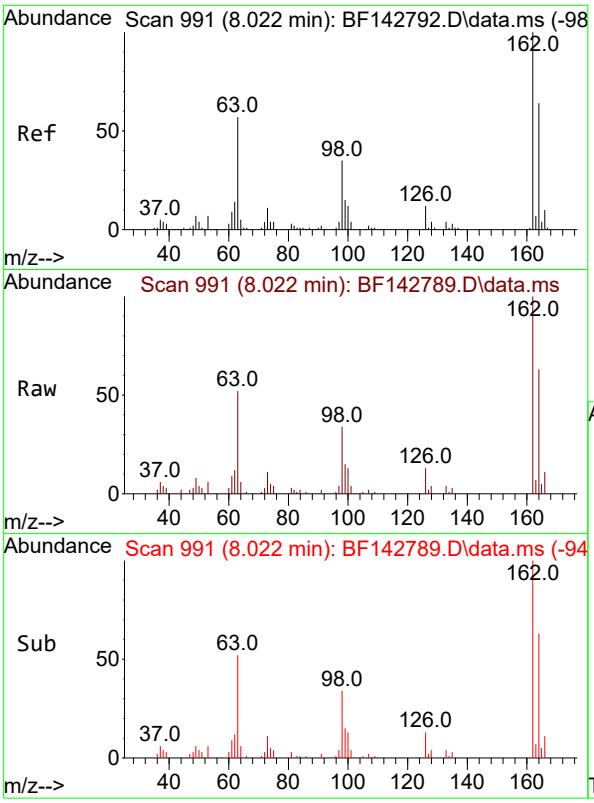


#28
bis(2-Chloroethoxy)methane
Concen: 5.068 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



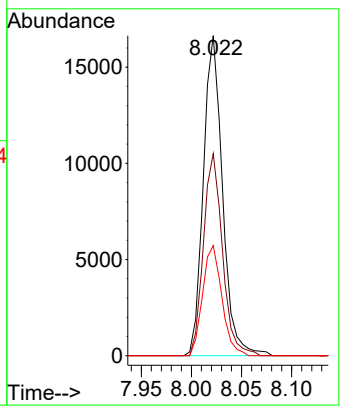


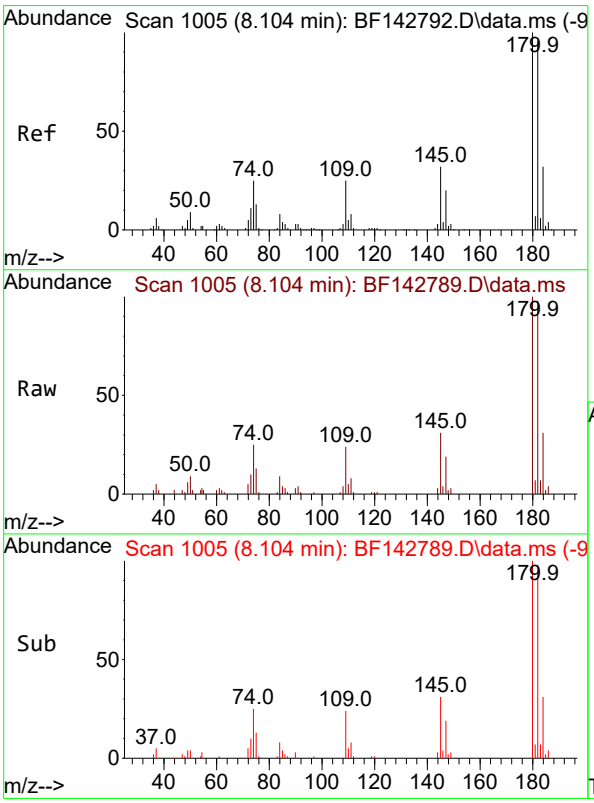
#29
2,4-Dichlorophenol
Concen: 5.134 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

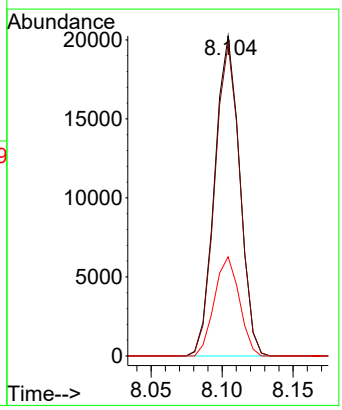


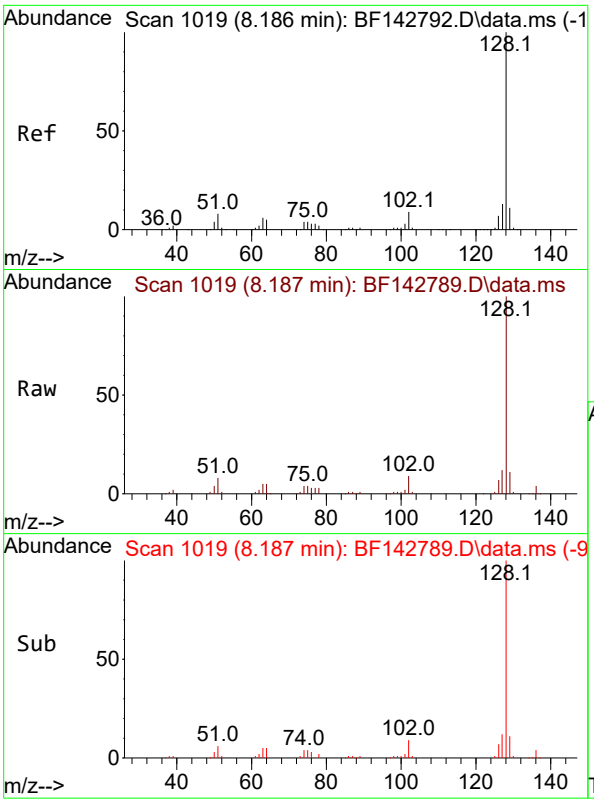


#30
1,2,4-Trichlorobenzene
Concen: 5.171 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



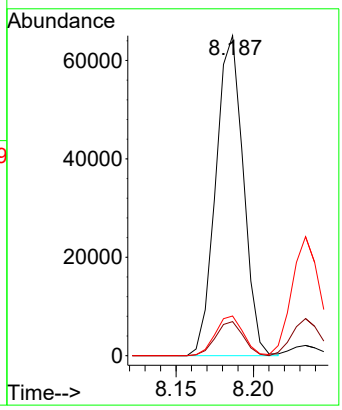


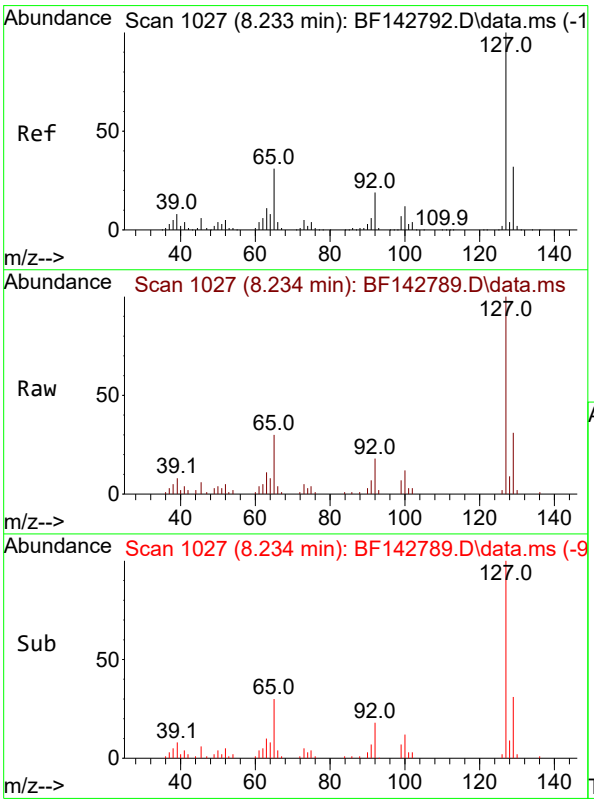
#31
Naphthalene
Concen: 5.344 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

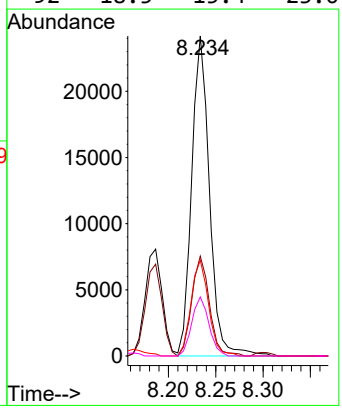


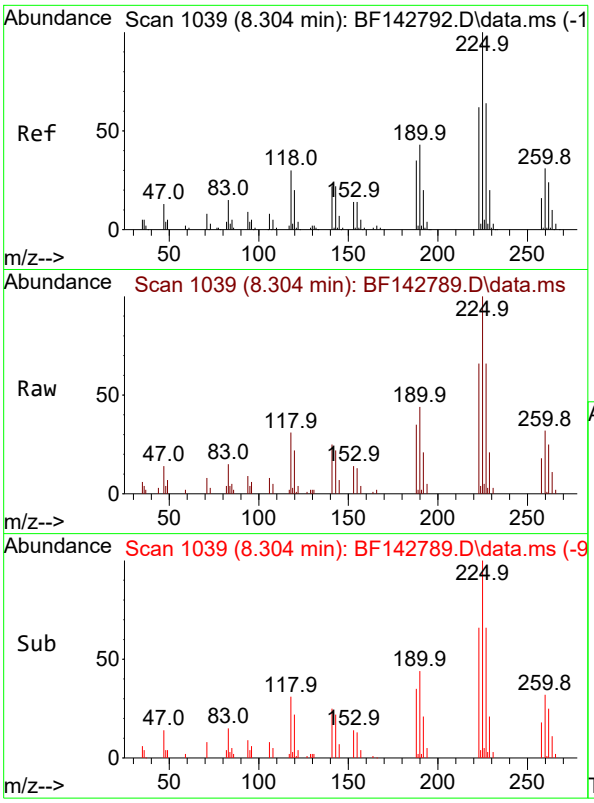


#33
4-Chloroaniline
Concen: 5.256 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



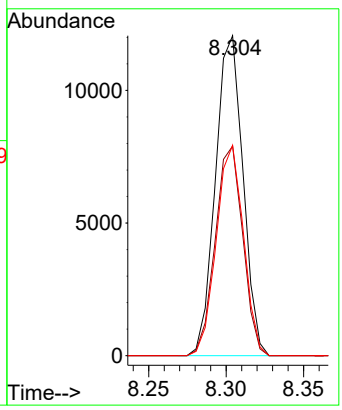


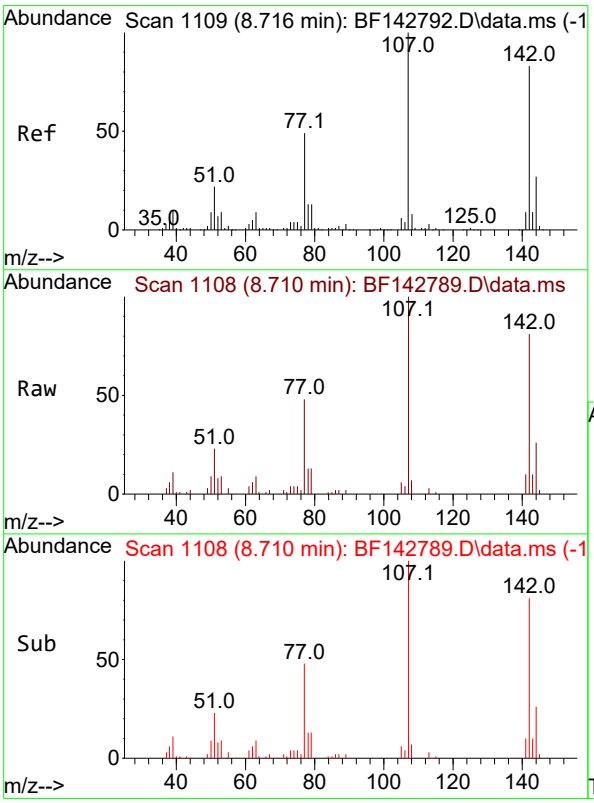
#34
Hexachlorobutadiene
Concen: 4.918 ng
RT: 8.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

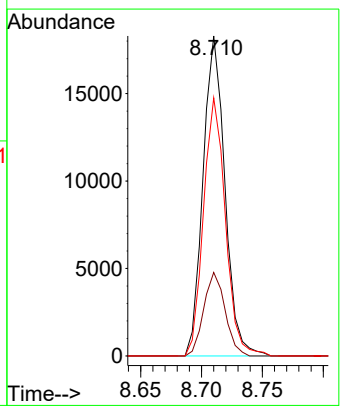


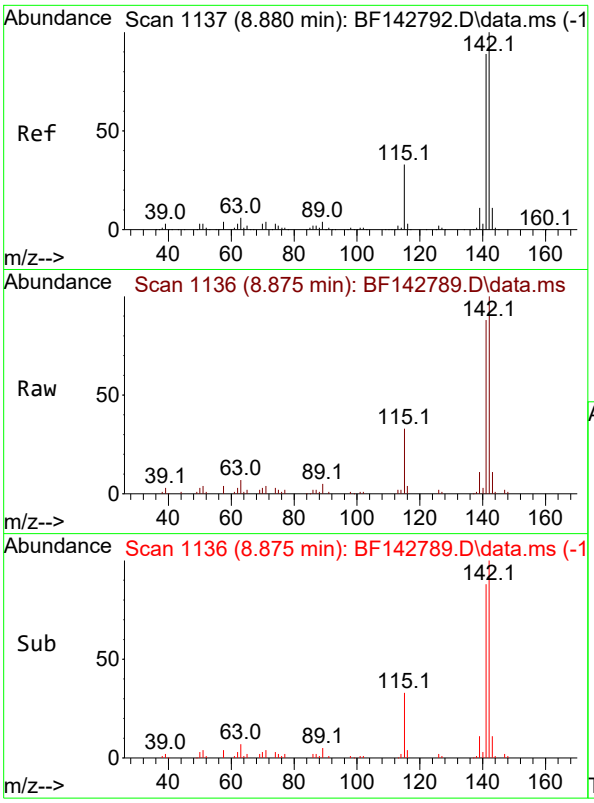


#36
4-Chloro-3-methylphenol
Concen: 5.113 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



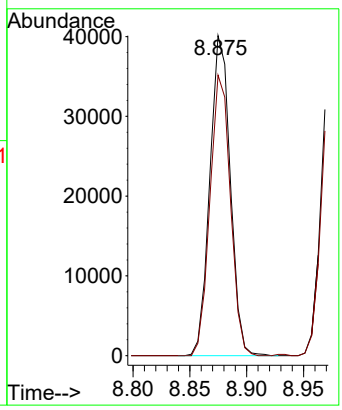


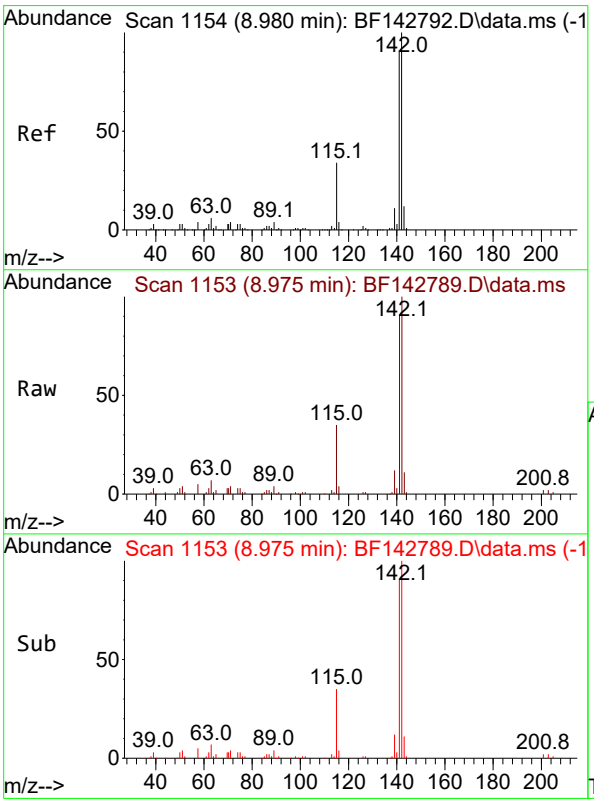
#37
2-Methylnaphthalene
Concen: 5.281 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 50024

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.9	106.3

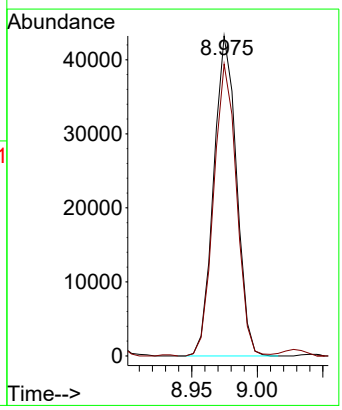


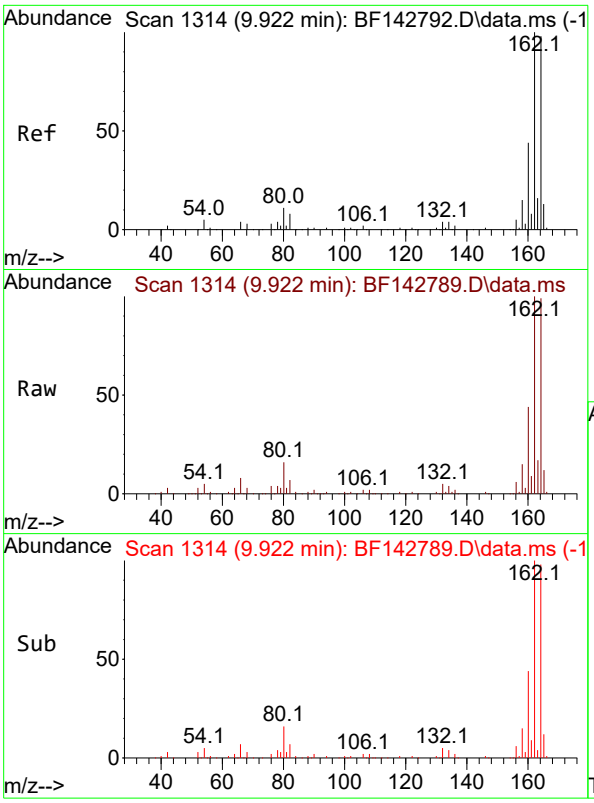


#38
1-Methylnaphthalene
Concen: 5.307 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

Tgt Ion:142 Resp: 52193

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



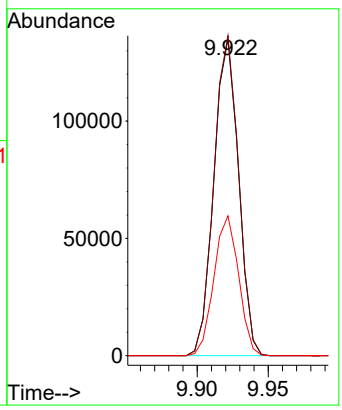


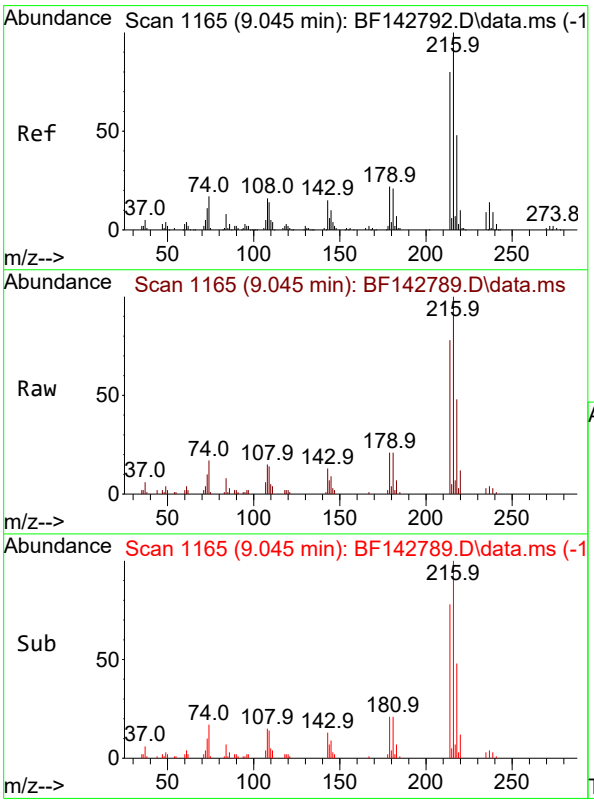
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

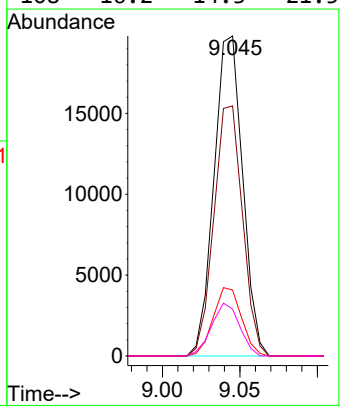


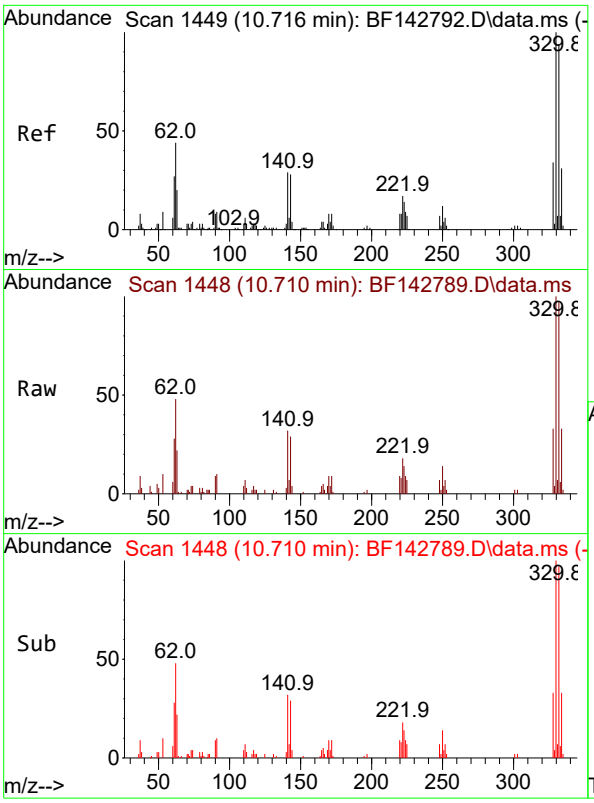


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.419 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



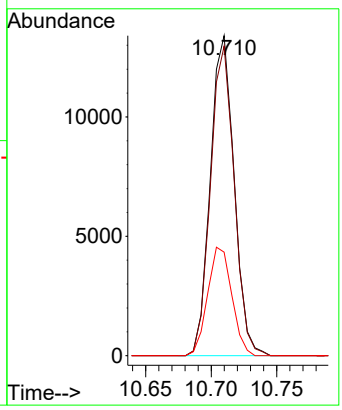


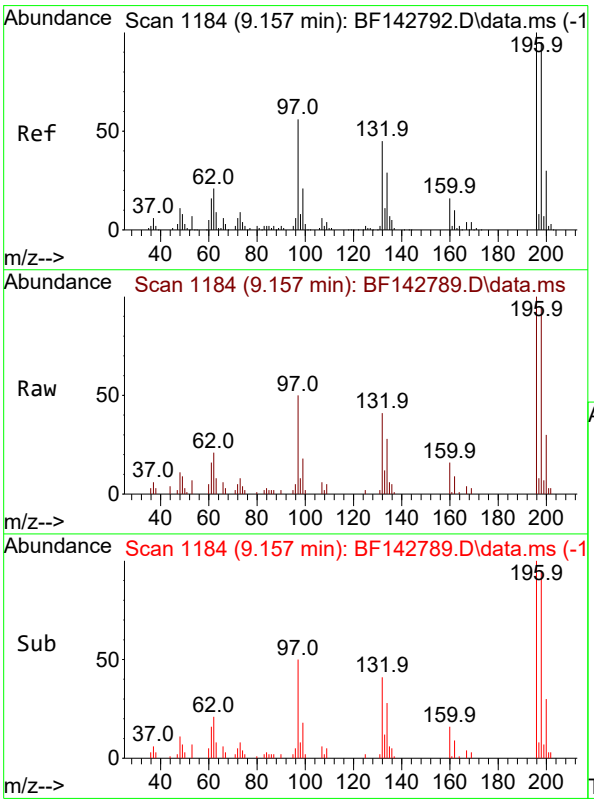
#42
2,4,6-Tribromophenol
Concen: 9.551 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

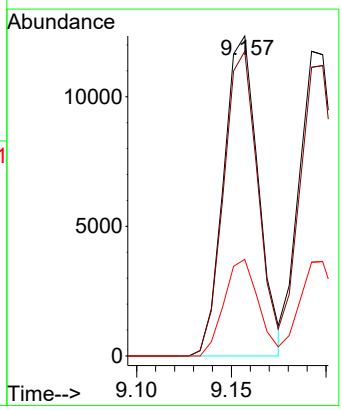


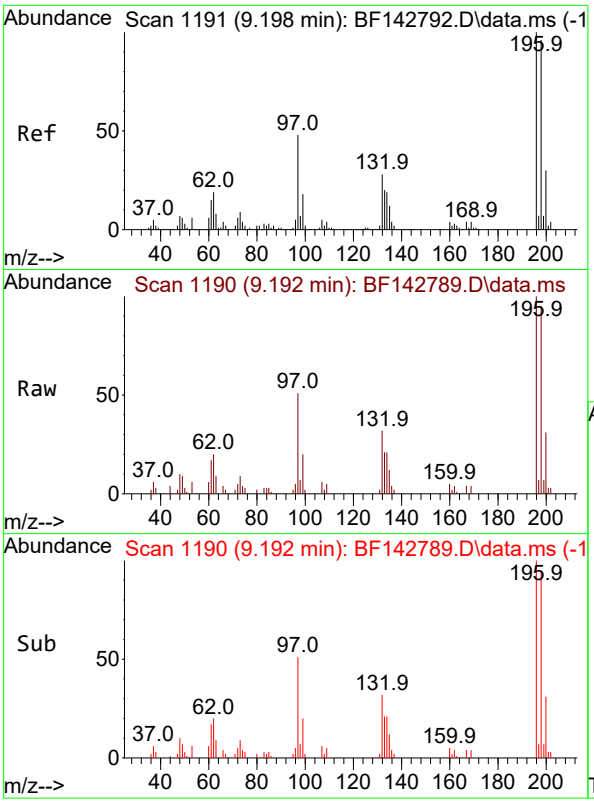


#43
2,4,6-Trichlorophenol
Concen: 5.154 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



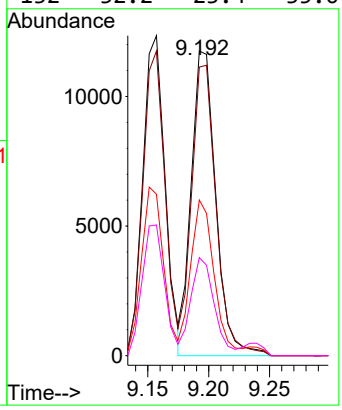


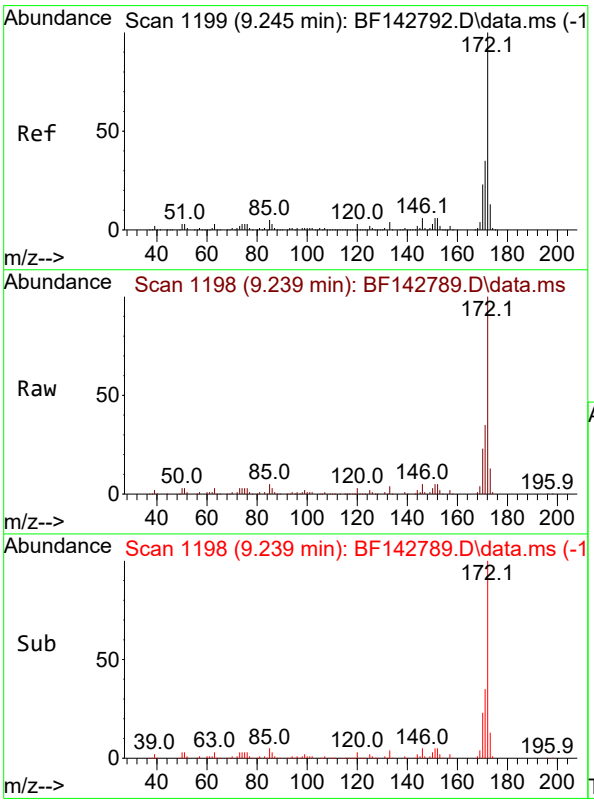
#44
2,4,5-Trichlorophenol
Concen: 5.045 ng
RT: 9.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

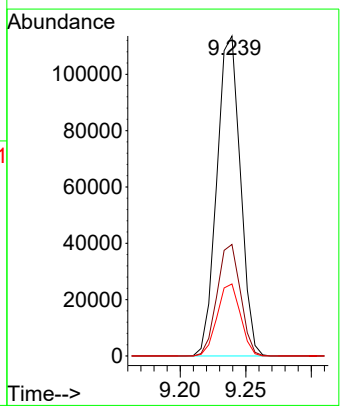


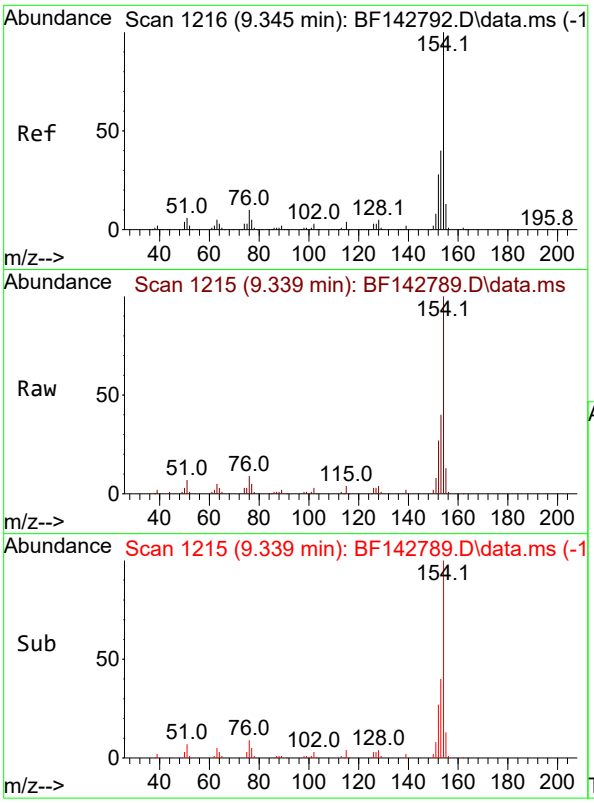


#45
2-Fluorobiphenyl
Concen: 11.573 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



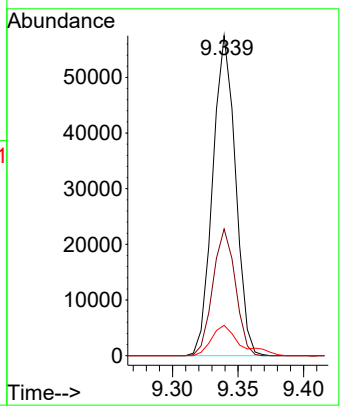


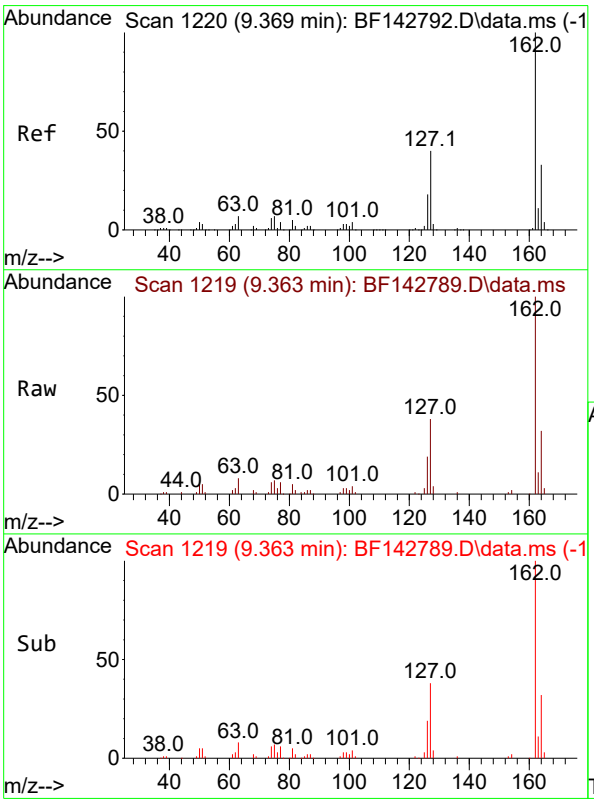
#46
1,1'-Biphenyl
Concen: 5.478 ng
RT: 9.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

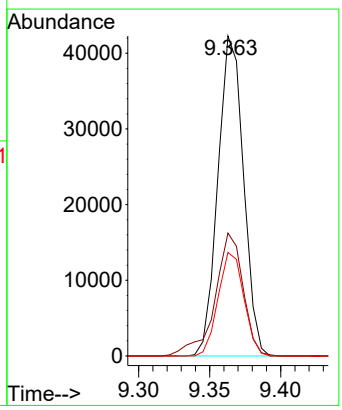


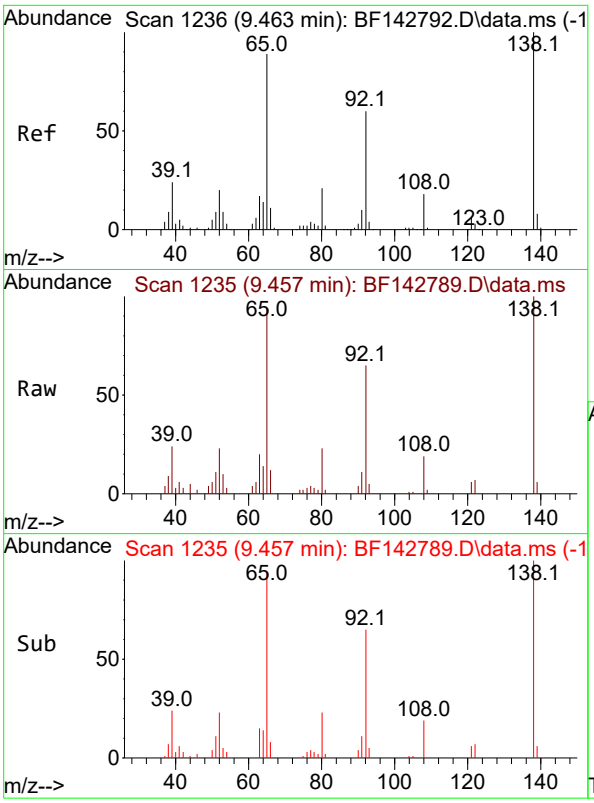


#47
2-Chloronaphthalene
Concen: 5.670 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



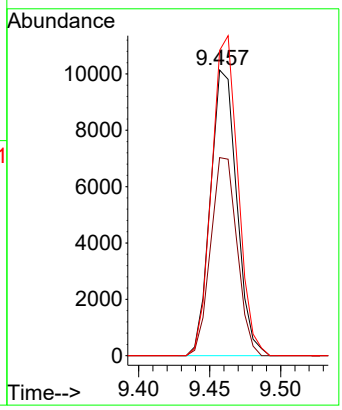


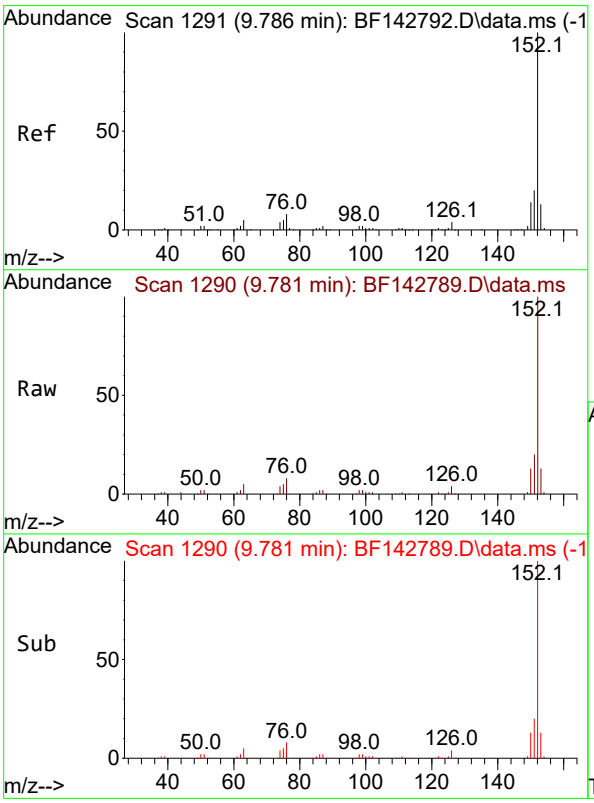
#48
2-Nitroaniline
Concen: 4.937 ng
RT: 9.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

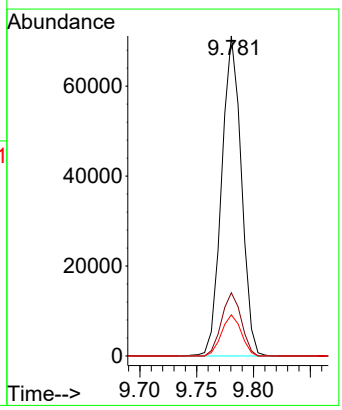


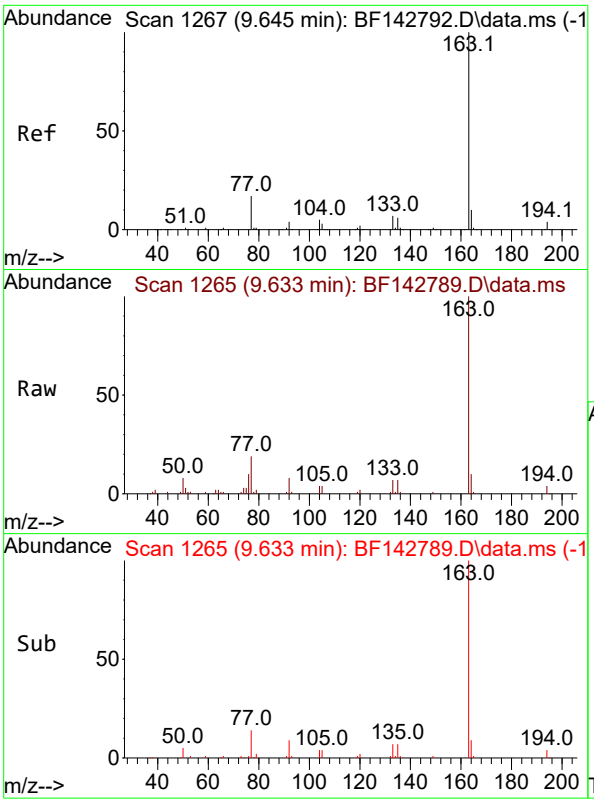


#49
Acenaphthylene
Concen: 5.477 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



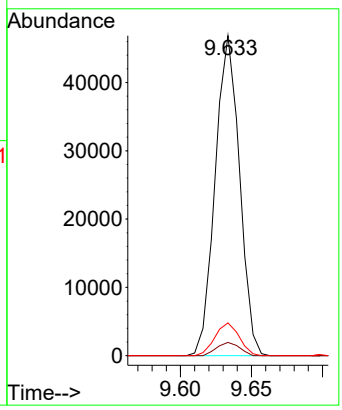


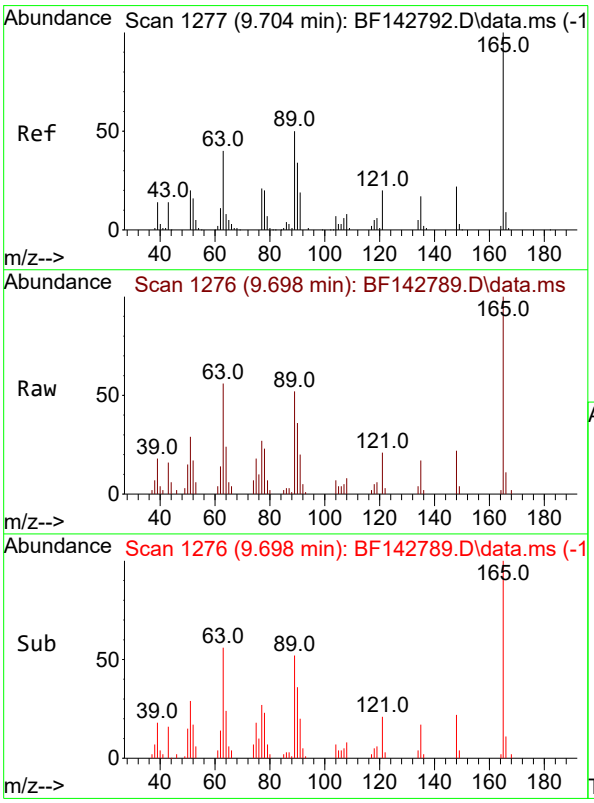
#50
Dimethylphthalate
Concen: 5.170 ng
RT: 9.633 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

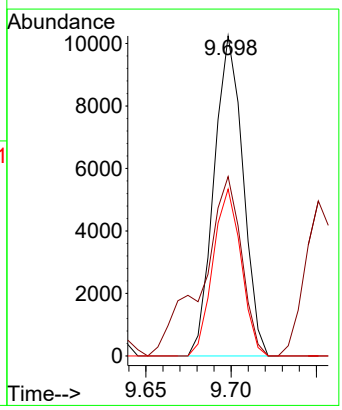


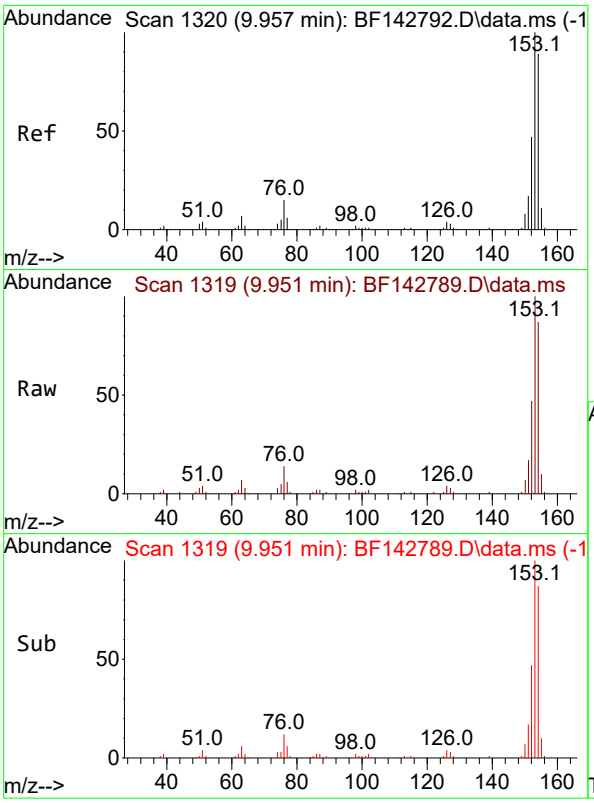


#51
2,6-Dinitrotoluene
Concen: 5.163 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



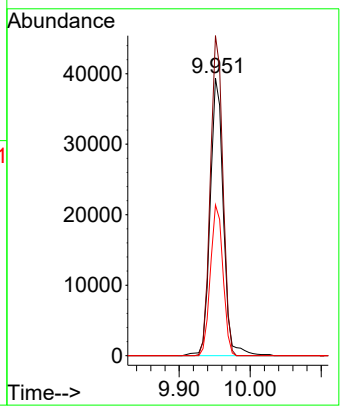


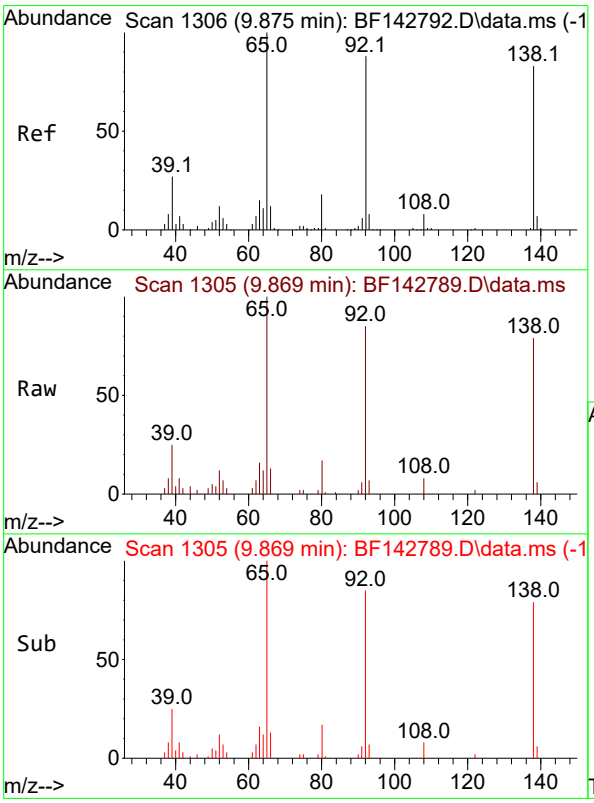
#52
Acenaphthene
Concen: 5.230 ng
RT: 9.951 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

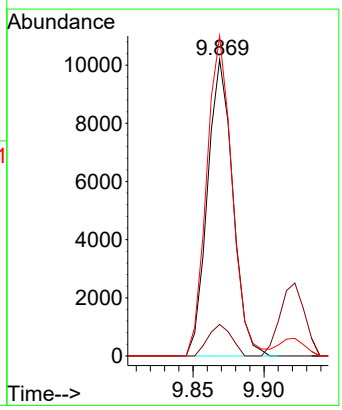


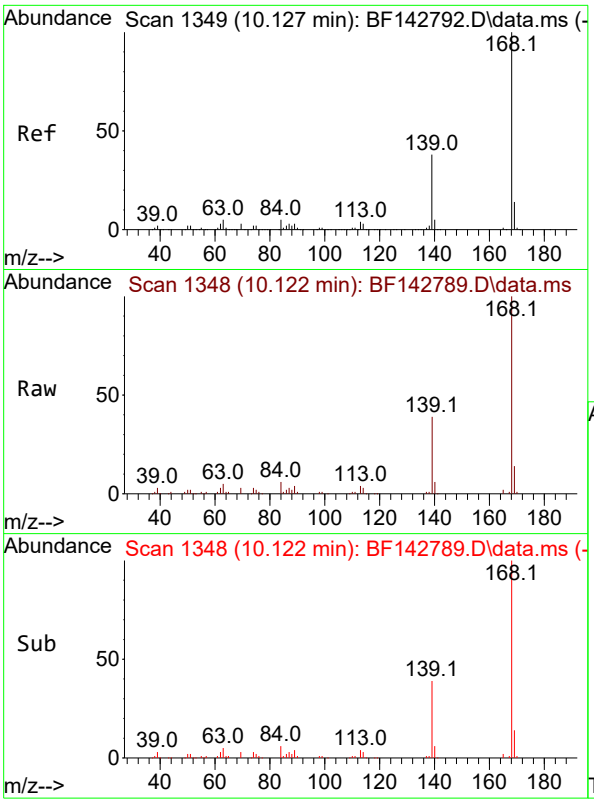


#53
3-Nitroaniline
Concen: 4.984 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



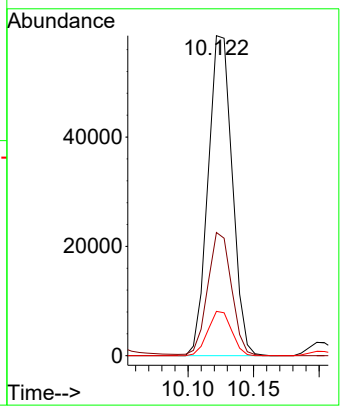


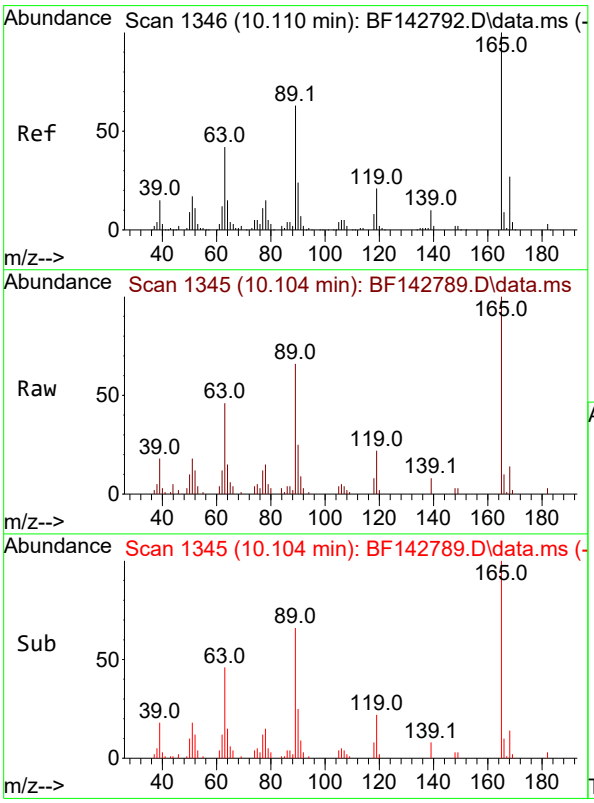
#55
Dibenzofuran
Concen: 5.420 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

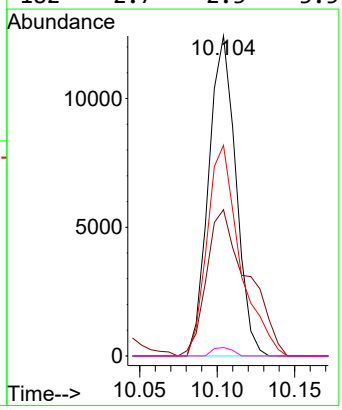


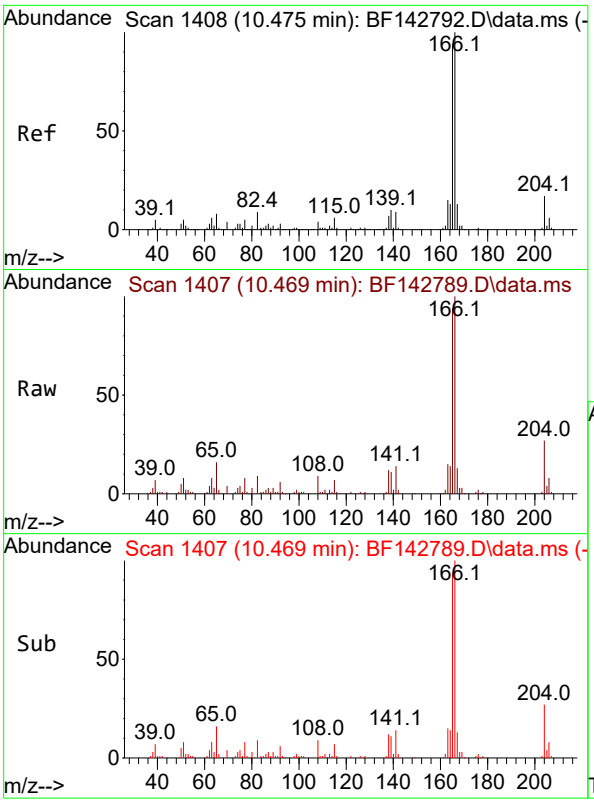


#57
2,4-Dinitrotoluene
Concen: 4.904 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



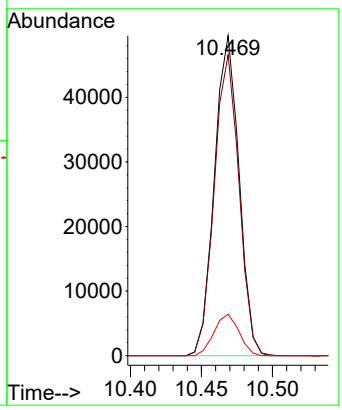


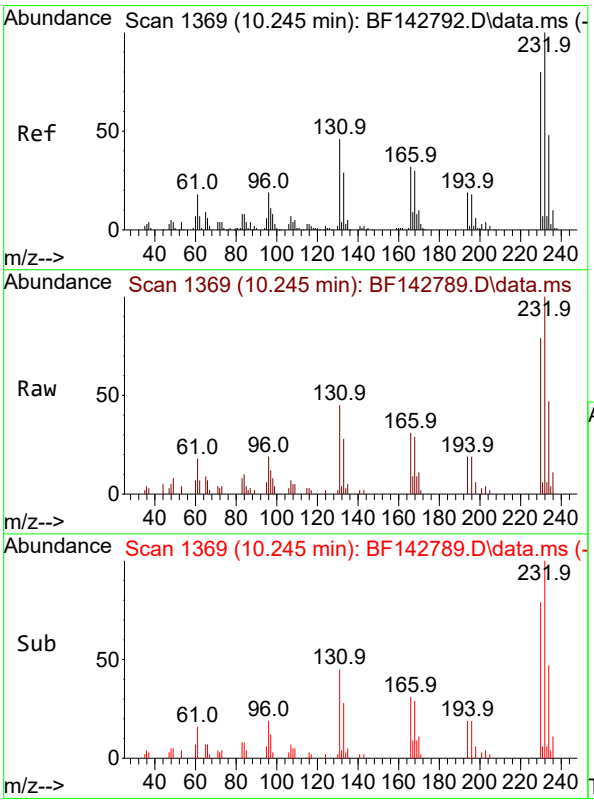
#58
Fluorene
Concen: 5.453 ng
RT: 10.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

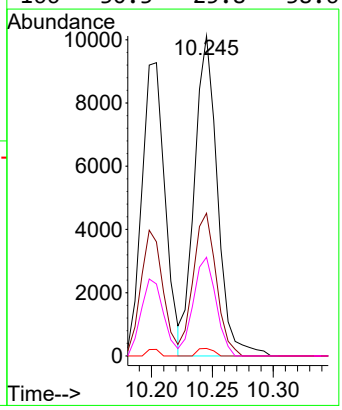


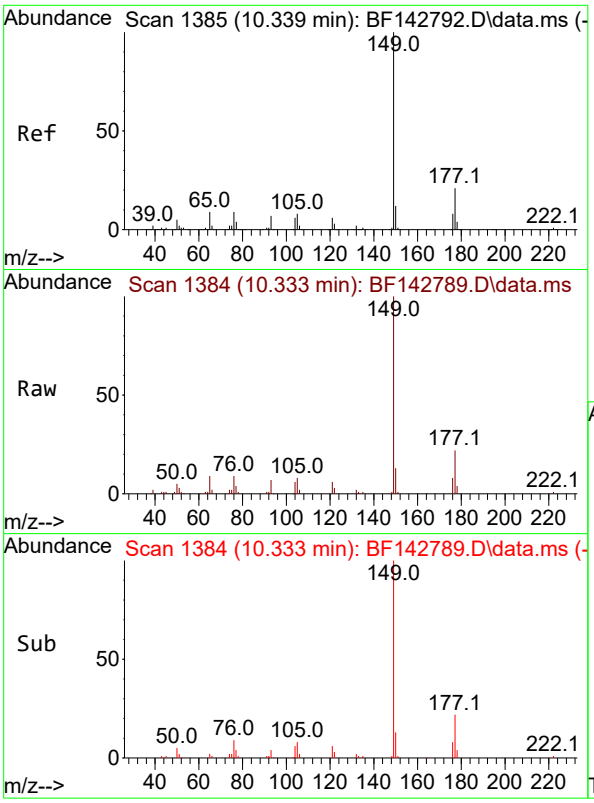


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.827 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



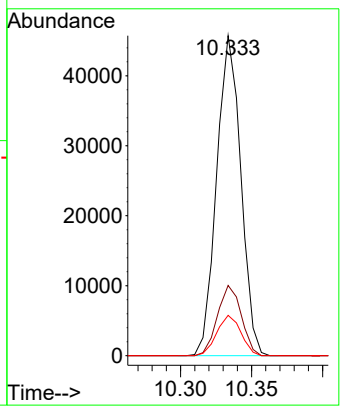


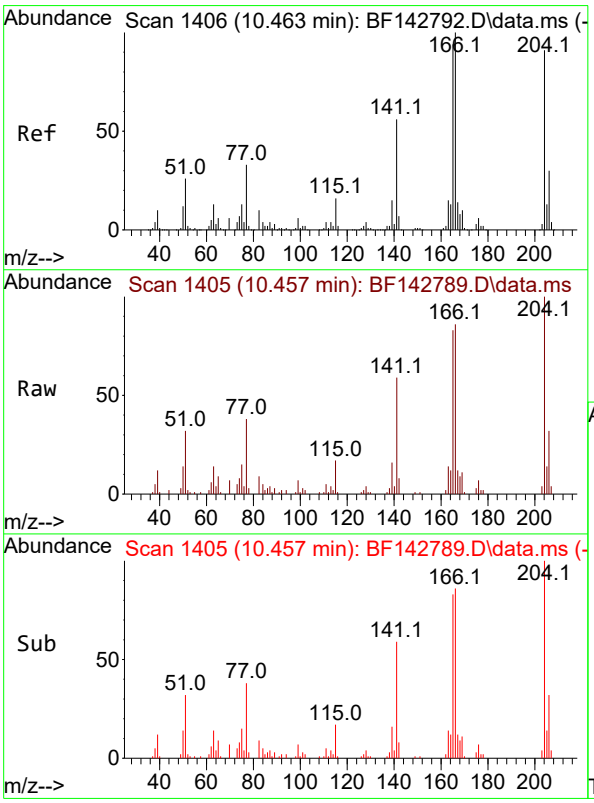
#60
Diethylphthalate
Concen: 5.040 ng
RT: 10.333 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

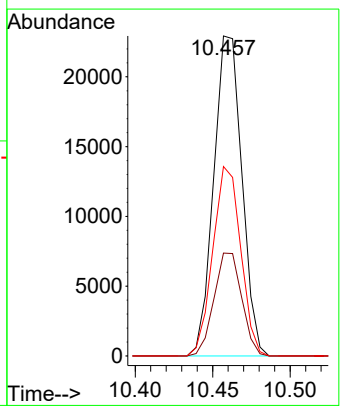


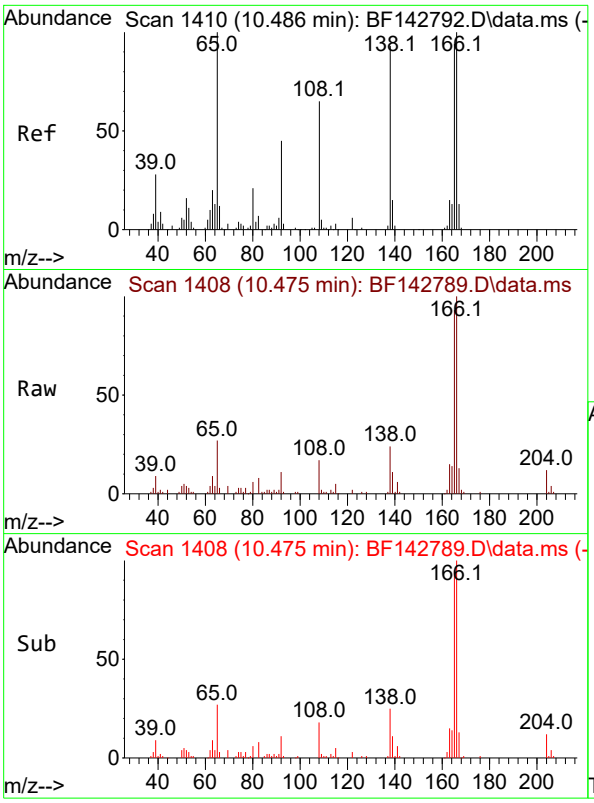


#61
4-Chlorophenyl-phenylether
Concen: 5.469 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



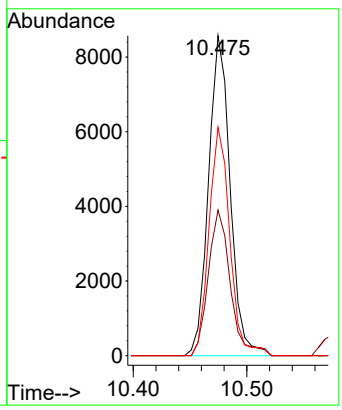


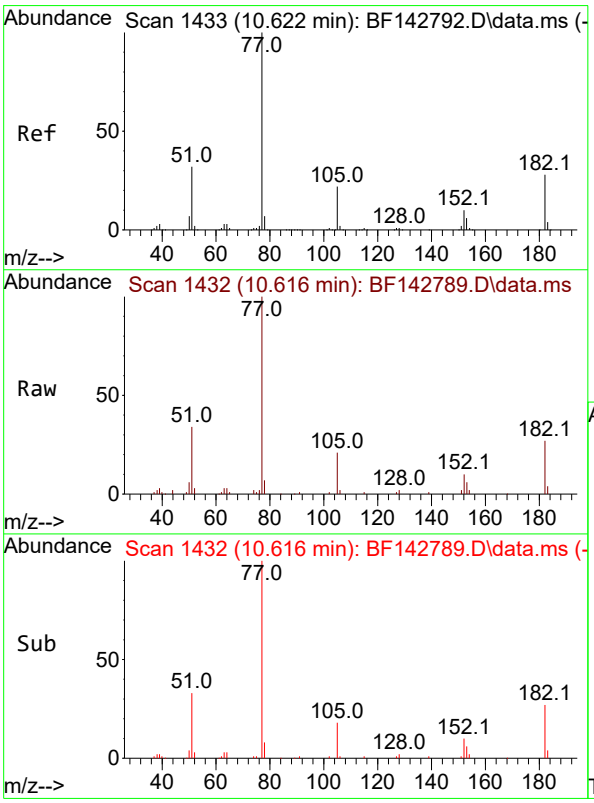
#62
4-Nitroaniline
Concen: 4.971 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

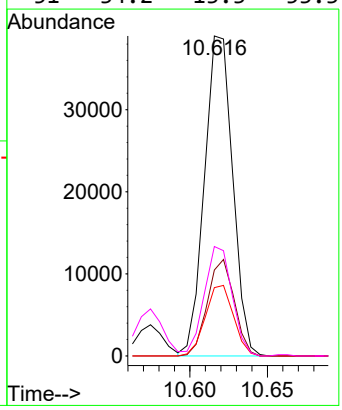


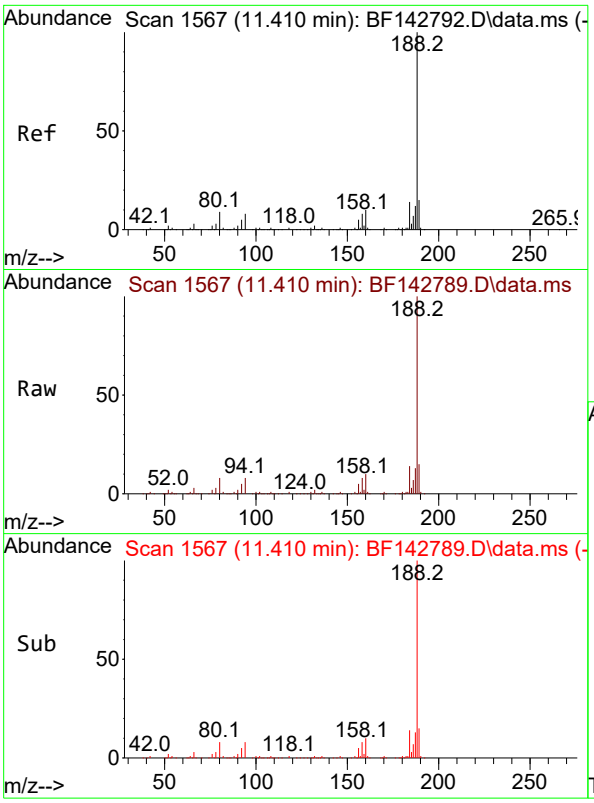


#63
Azobenzene
Concen: 5.276 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



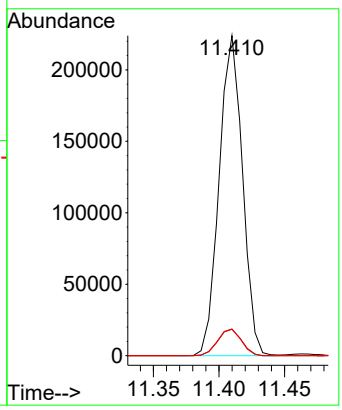


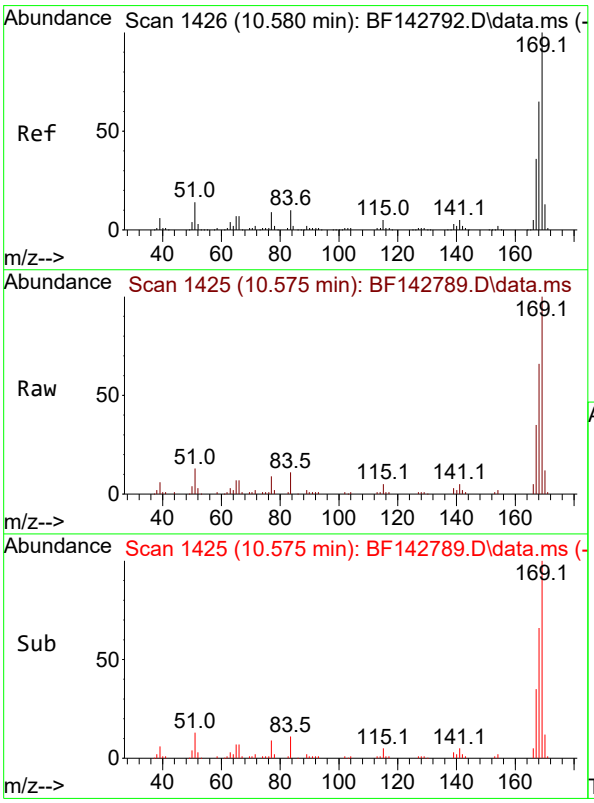
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

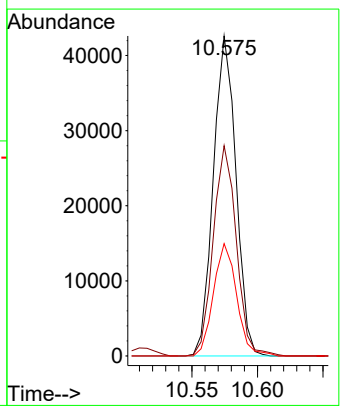


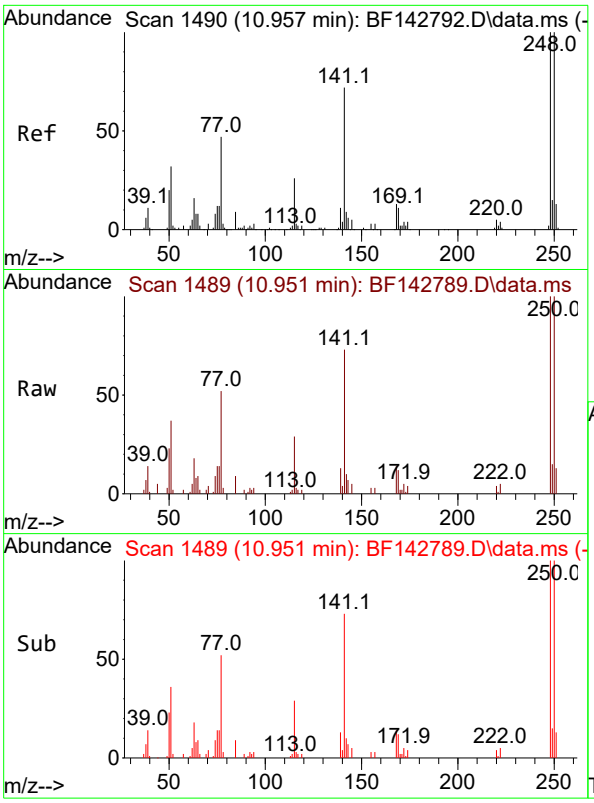


#66
n-Nitrosodiphenylamine
Concen: 5.356 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



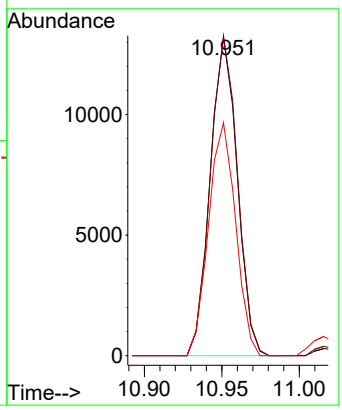


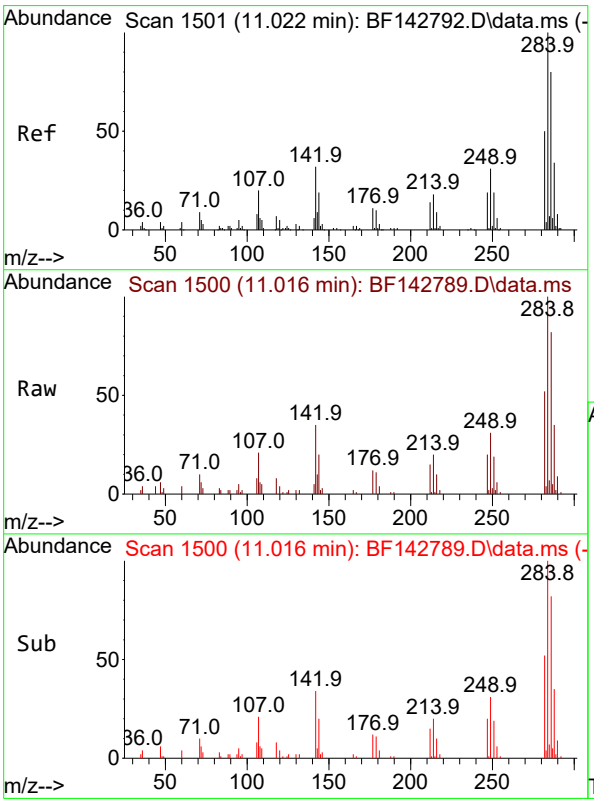
#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

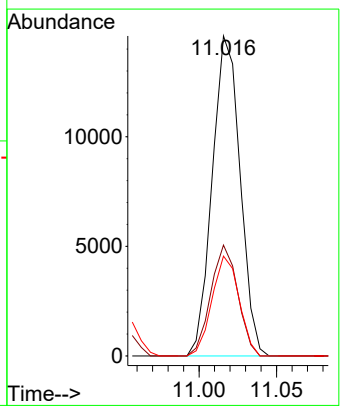


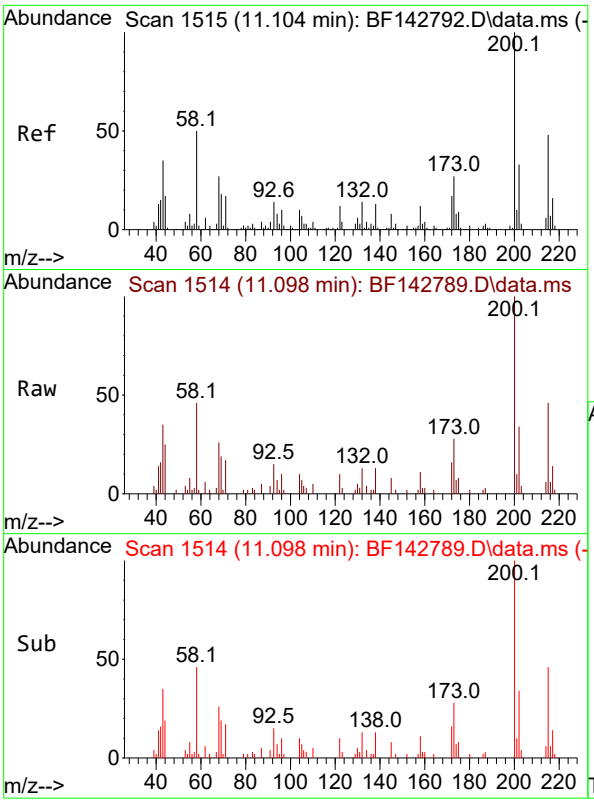


#68
Hexachlorobenzene
Concen: 5.059 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



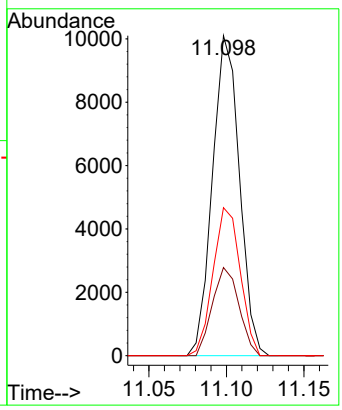


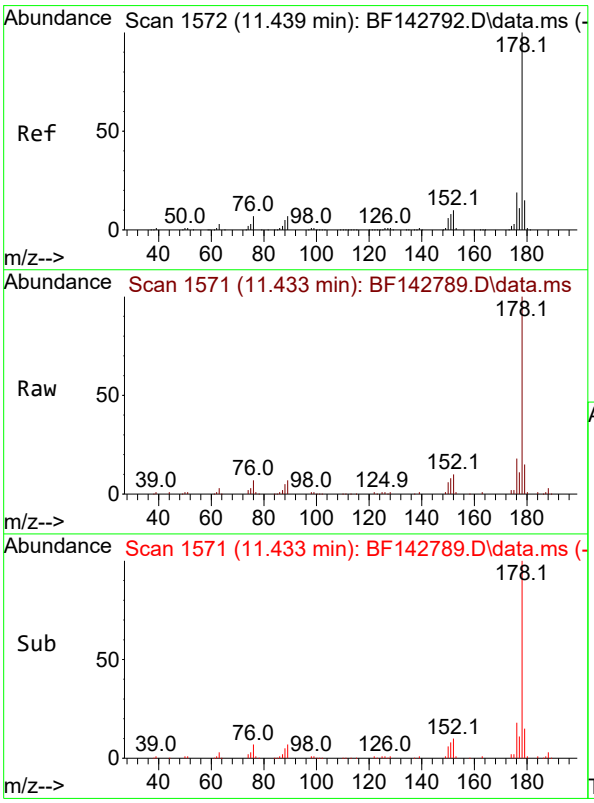
#69
Atrazine
Concen: 4.832 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

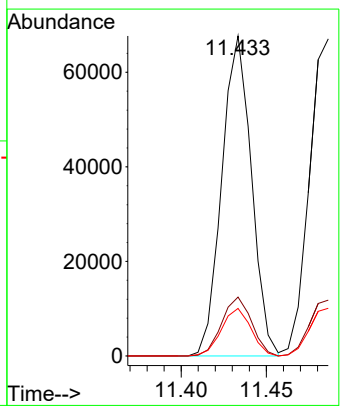


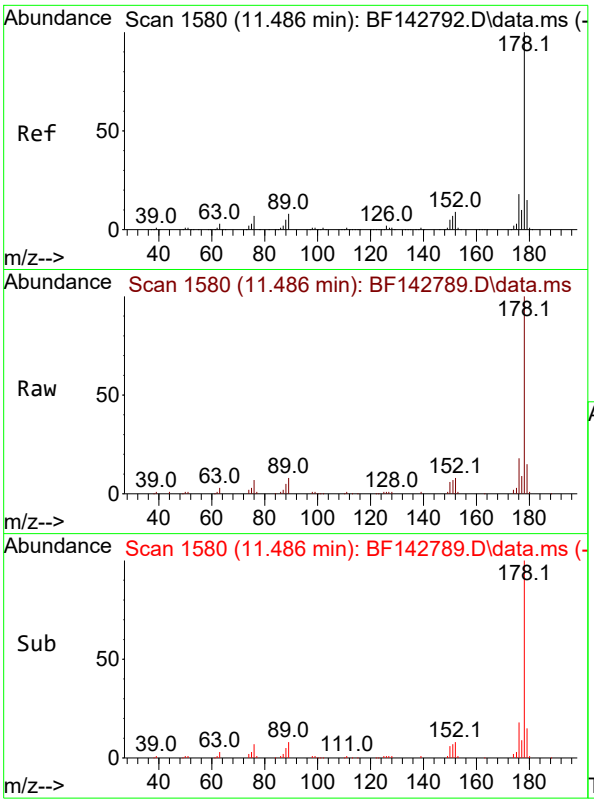


#71
Phenanthrene
Concen: 5.522 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



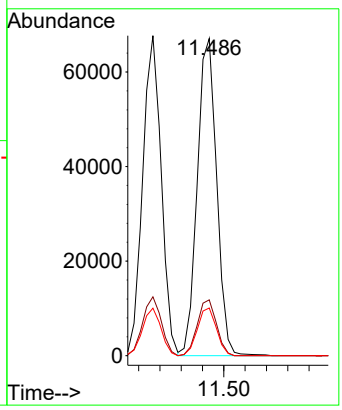


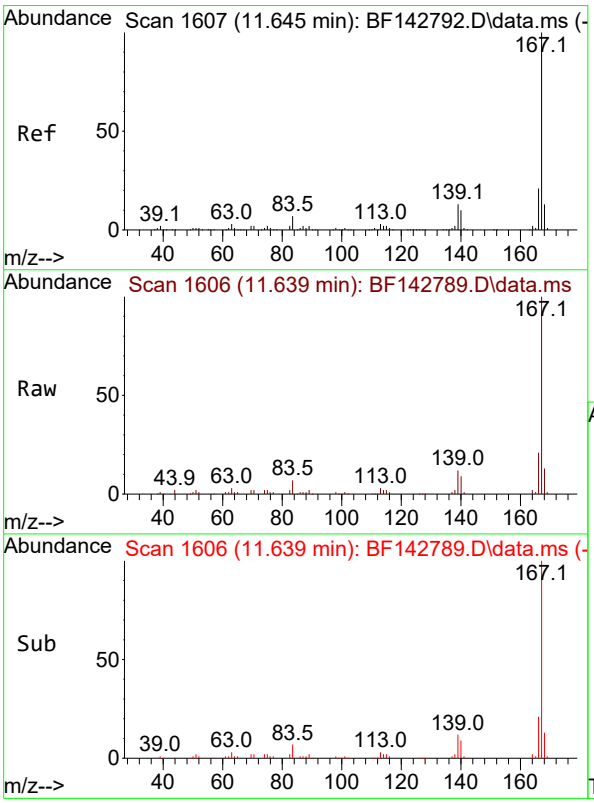
#72
Anthracene
Concen: 5.529 ng
RT: 11.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

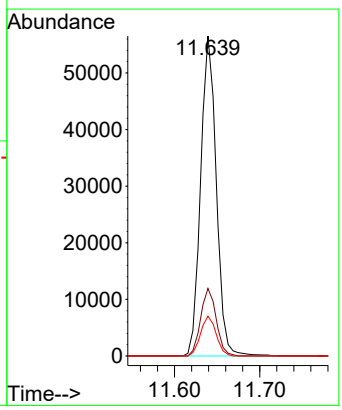


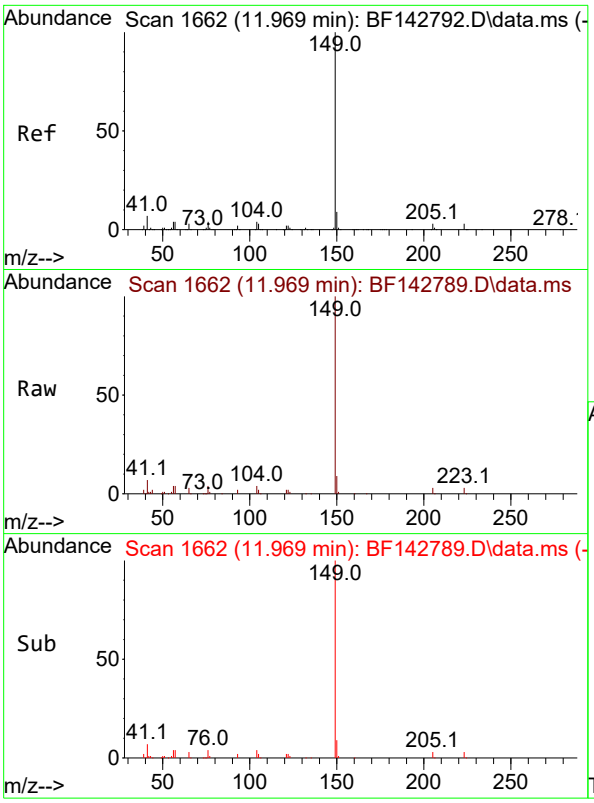


#73
Carbazole
Concen: 5.601 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



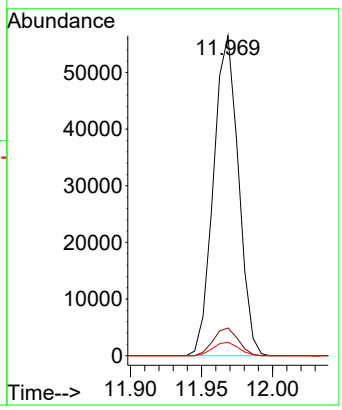


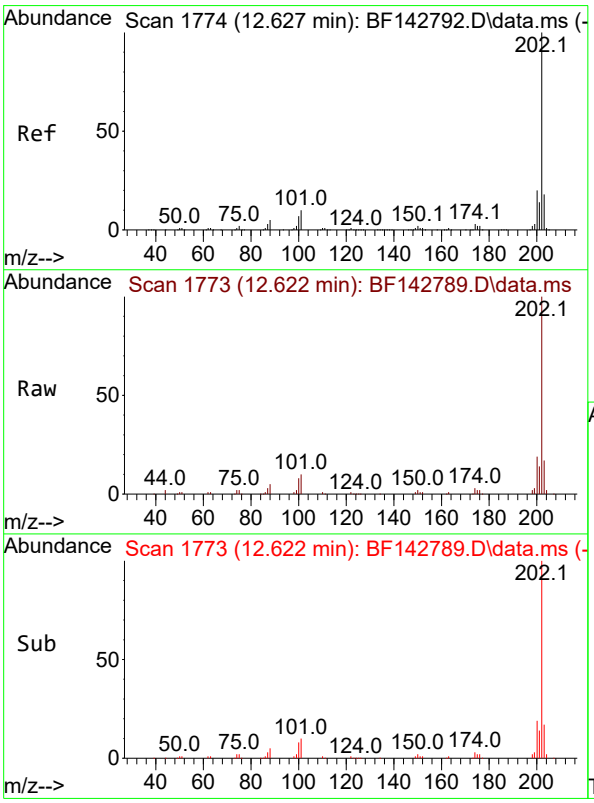
#74
Di-n-butylphthalate
Concen: 4.850 ng
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

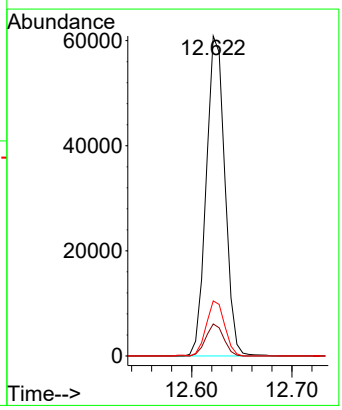


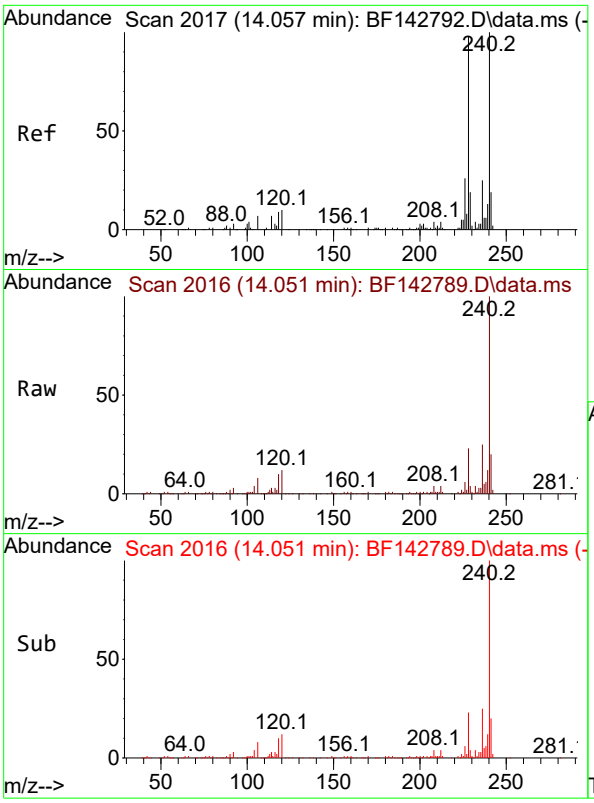


#75
Fluoranthene
Concen: 5.582 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



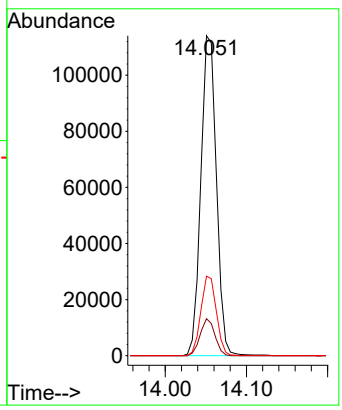


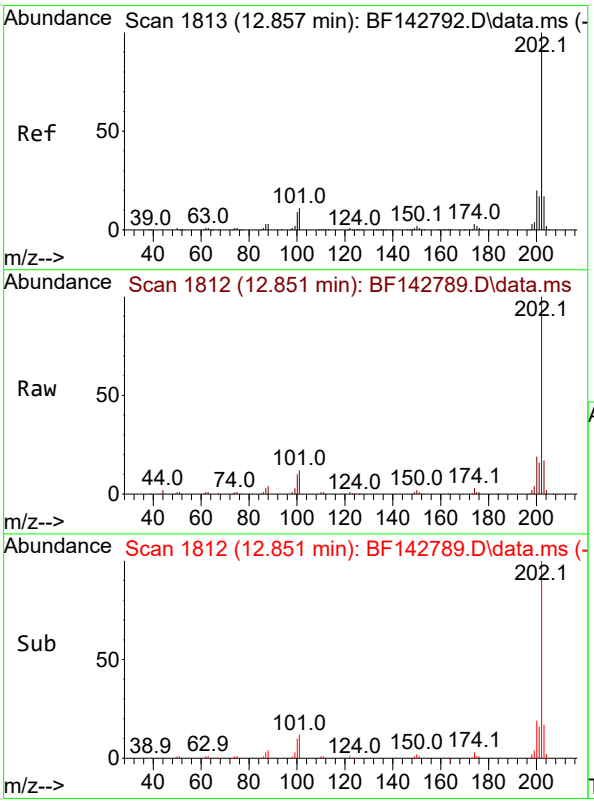
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

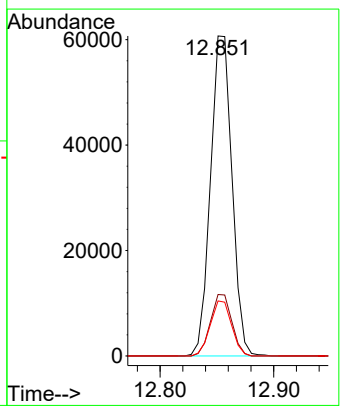


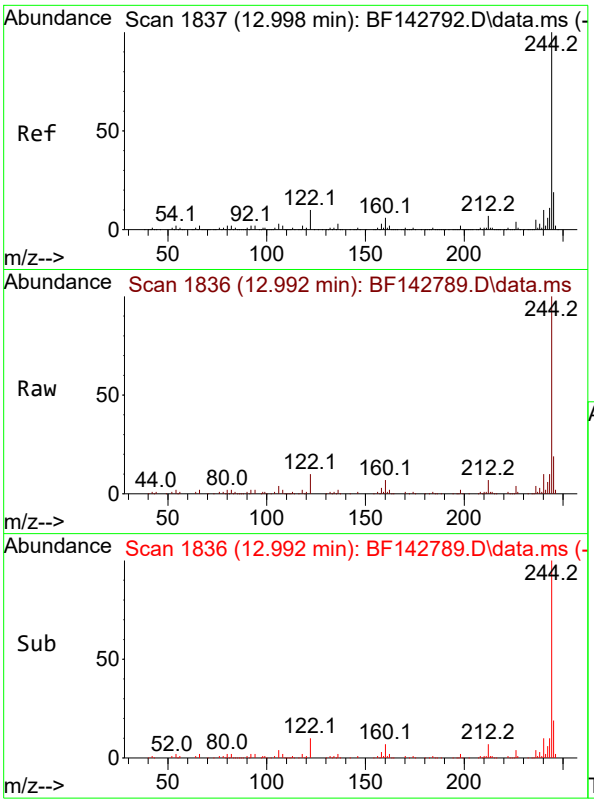


#78
Pyrene
Concen: 5.739 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



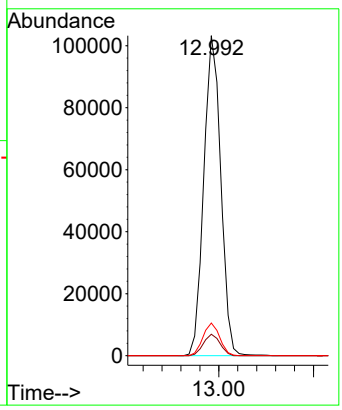


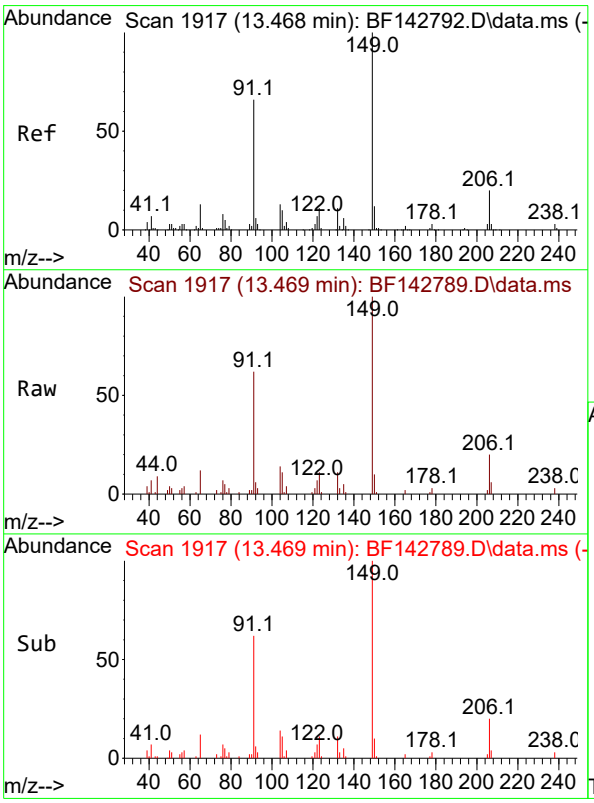
#79
Terphenyl-d14
Concen: 11.771 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

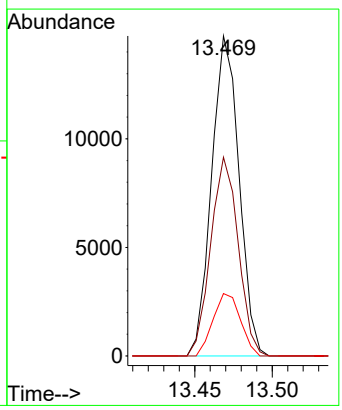


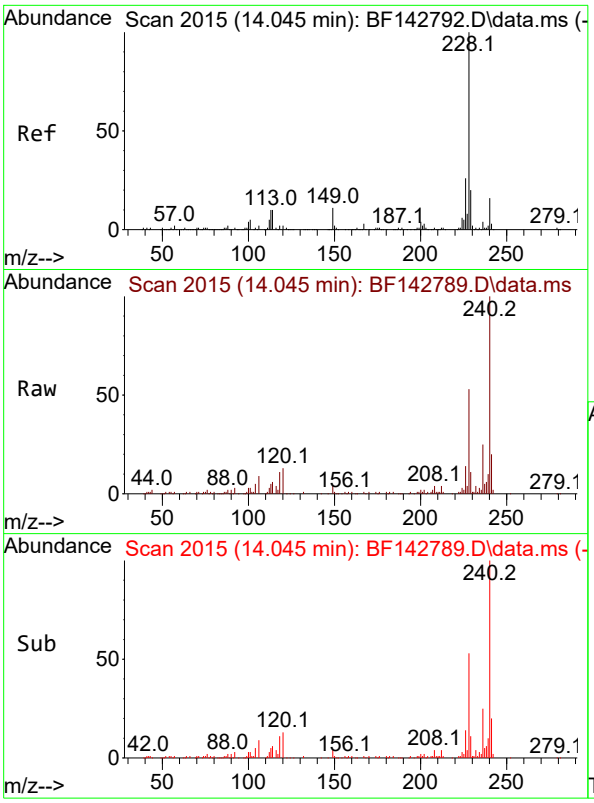


#80
Butylbenzylphthalate
Concen: 4.383 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



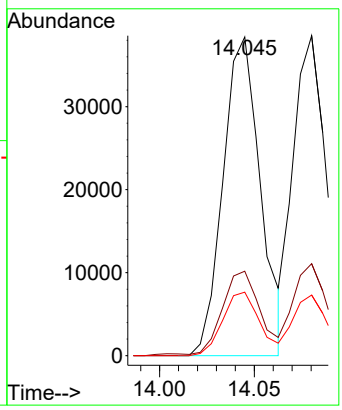


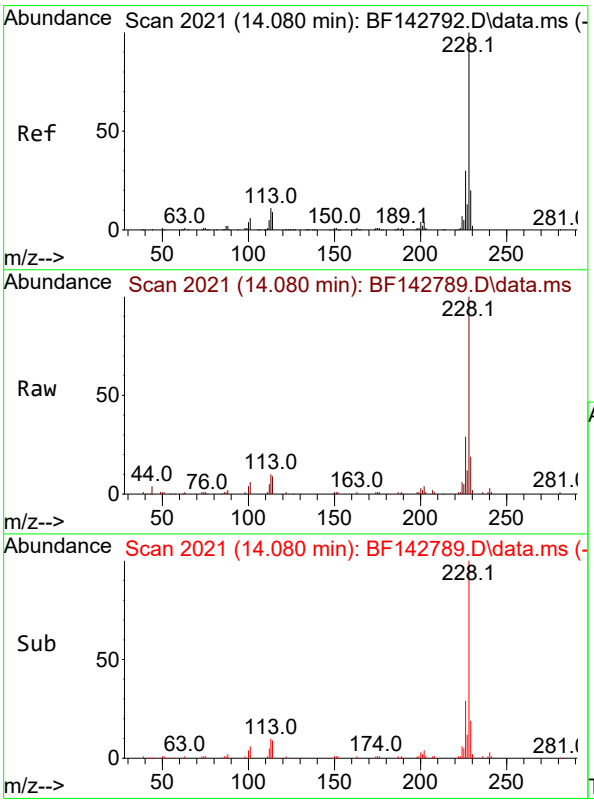
#81
Benzo(a)anthracene
Concen: 5.300 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

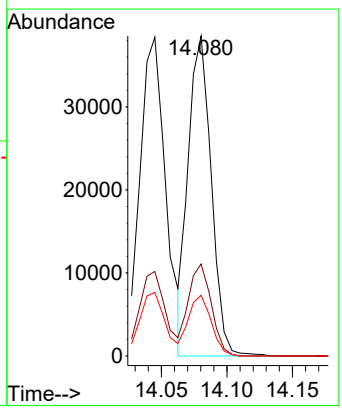


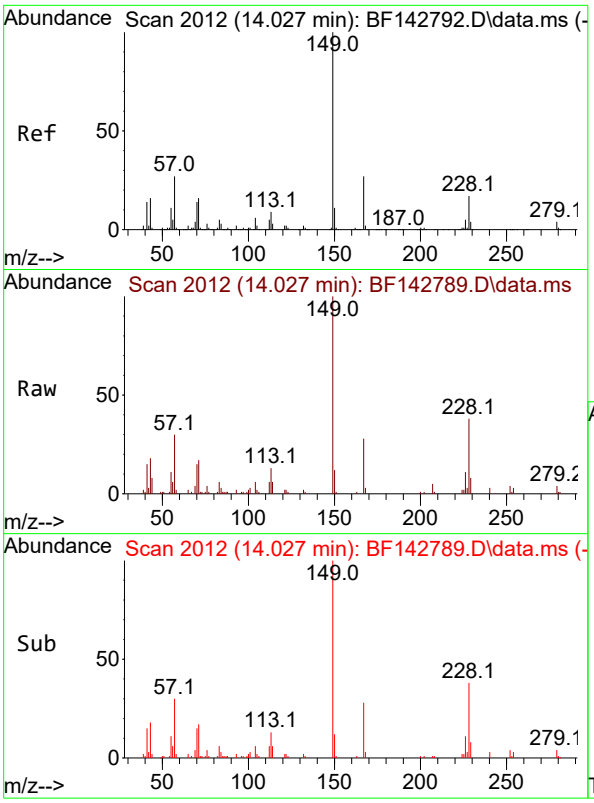


#83
Chrysene
Concen: 5.084 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



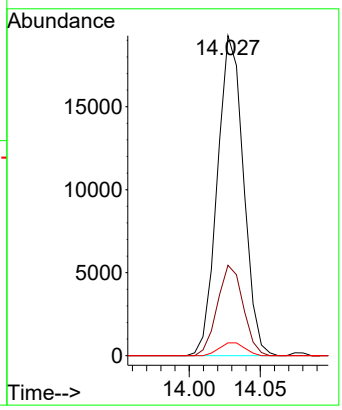


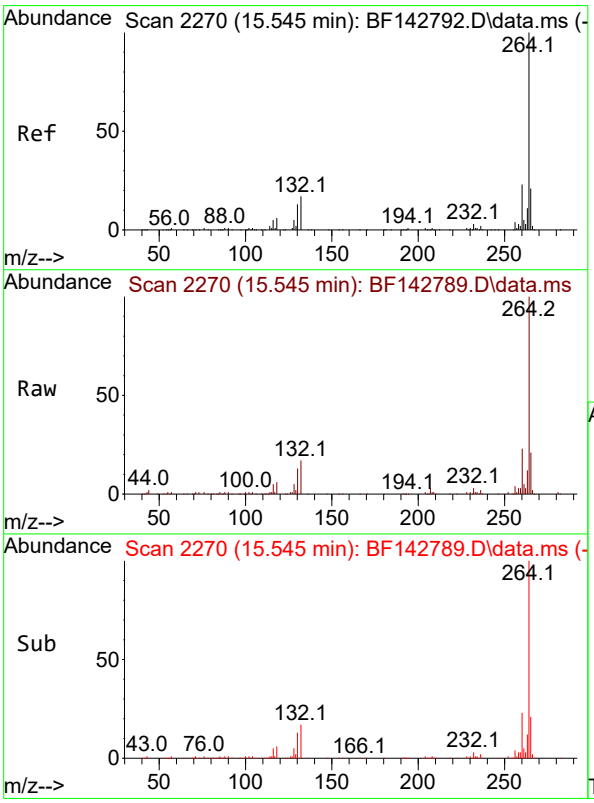
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.002 ng
RT: 14.027 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

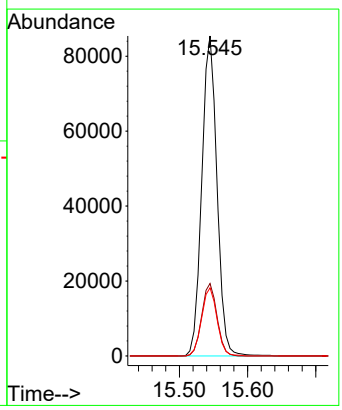


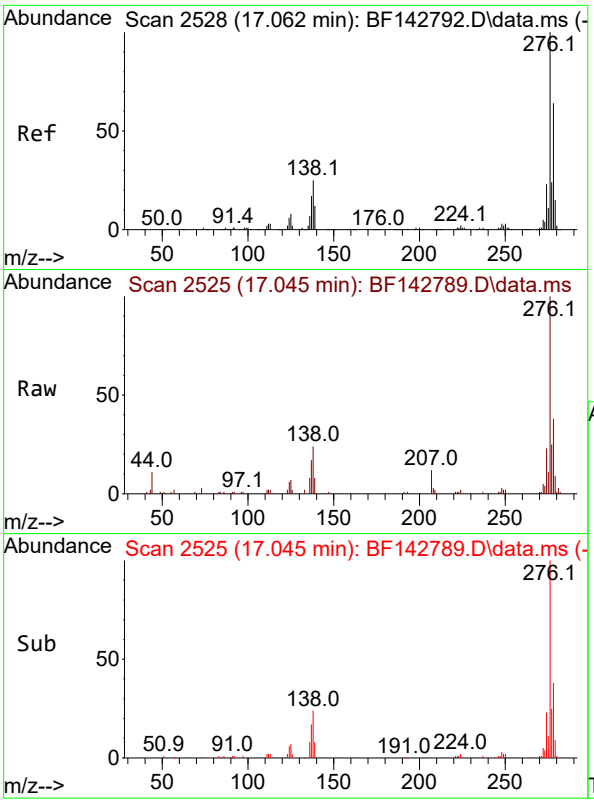


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



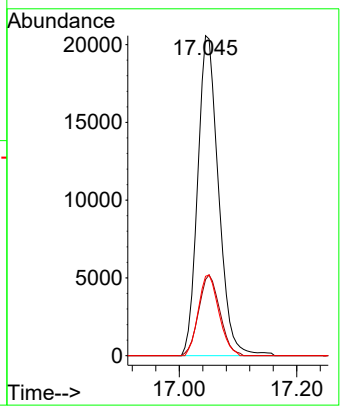


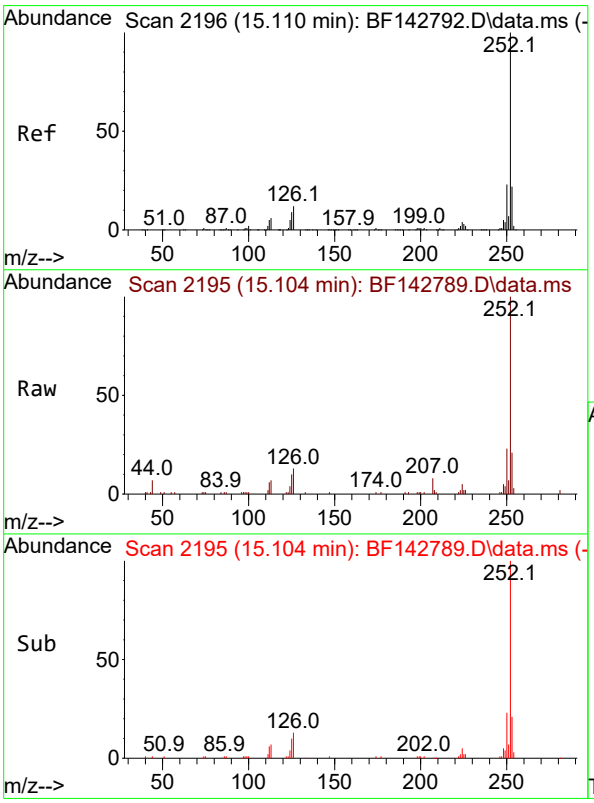
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.168 ng
RT: 17.045 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

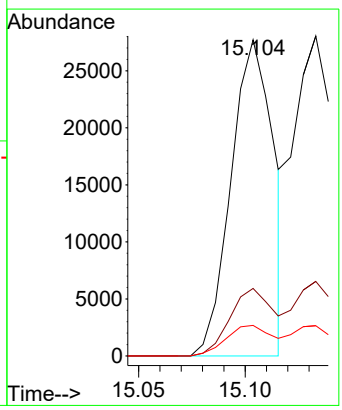


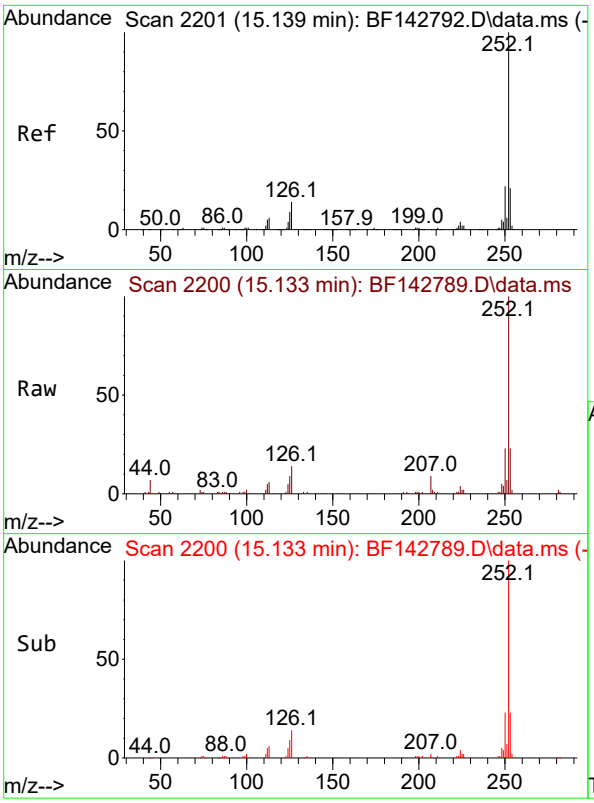


#88
Benzo(b)fluoranthene
Concen: 4.996 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



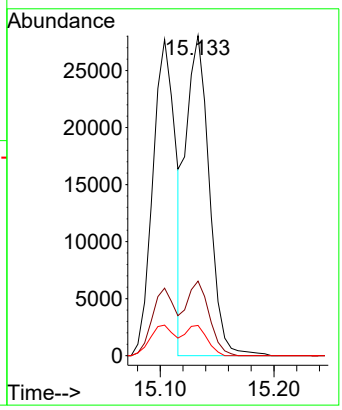


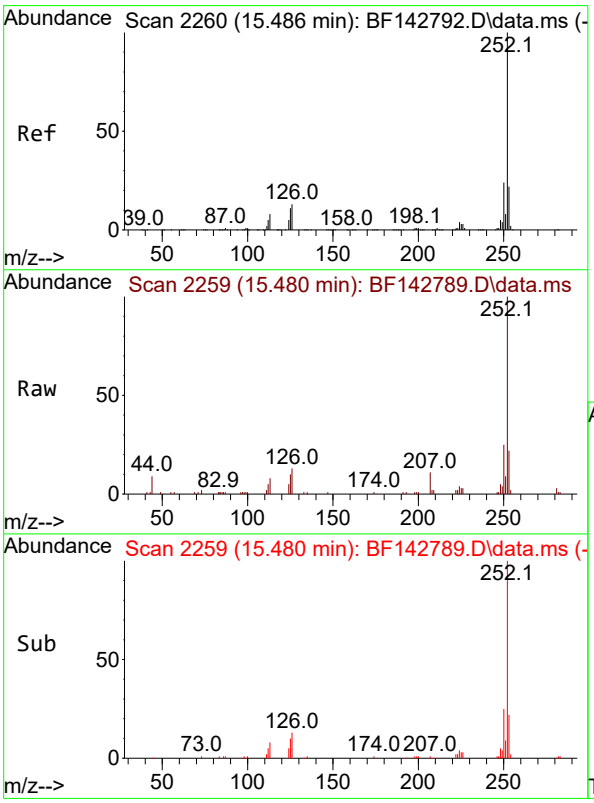
#89
Benzo(k)fluoranthene
Concen: 5.302 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

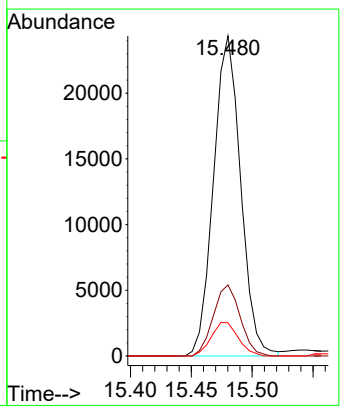


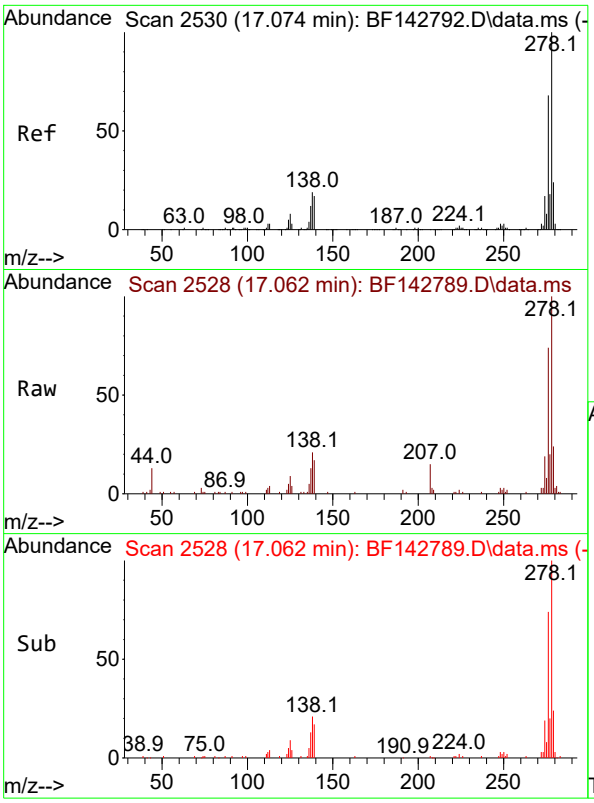


#90
Benzo(a)pyrene
Concen: 5.124 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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



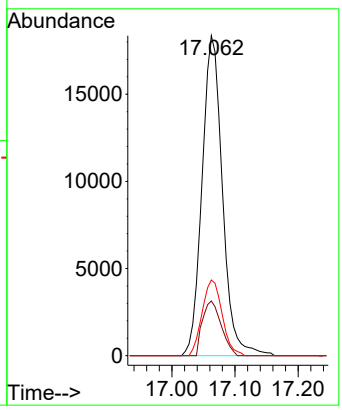


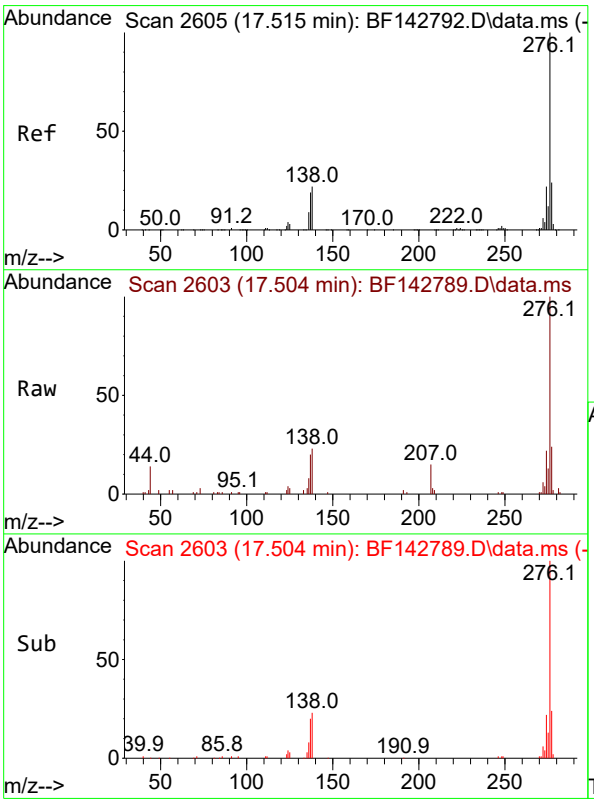
#91
Dibenzo(a,h)anthracene
Concen: 5.194 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

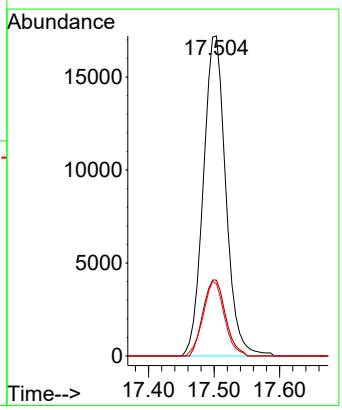




#92
Benzo(g,h,i)perylene
Concen: 5.165 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142789.D
Acq: 19 Jun 2025 17:38

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

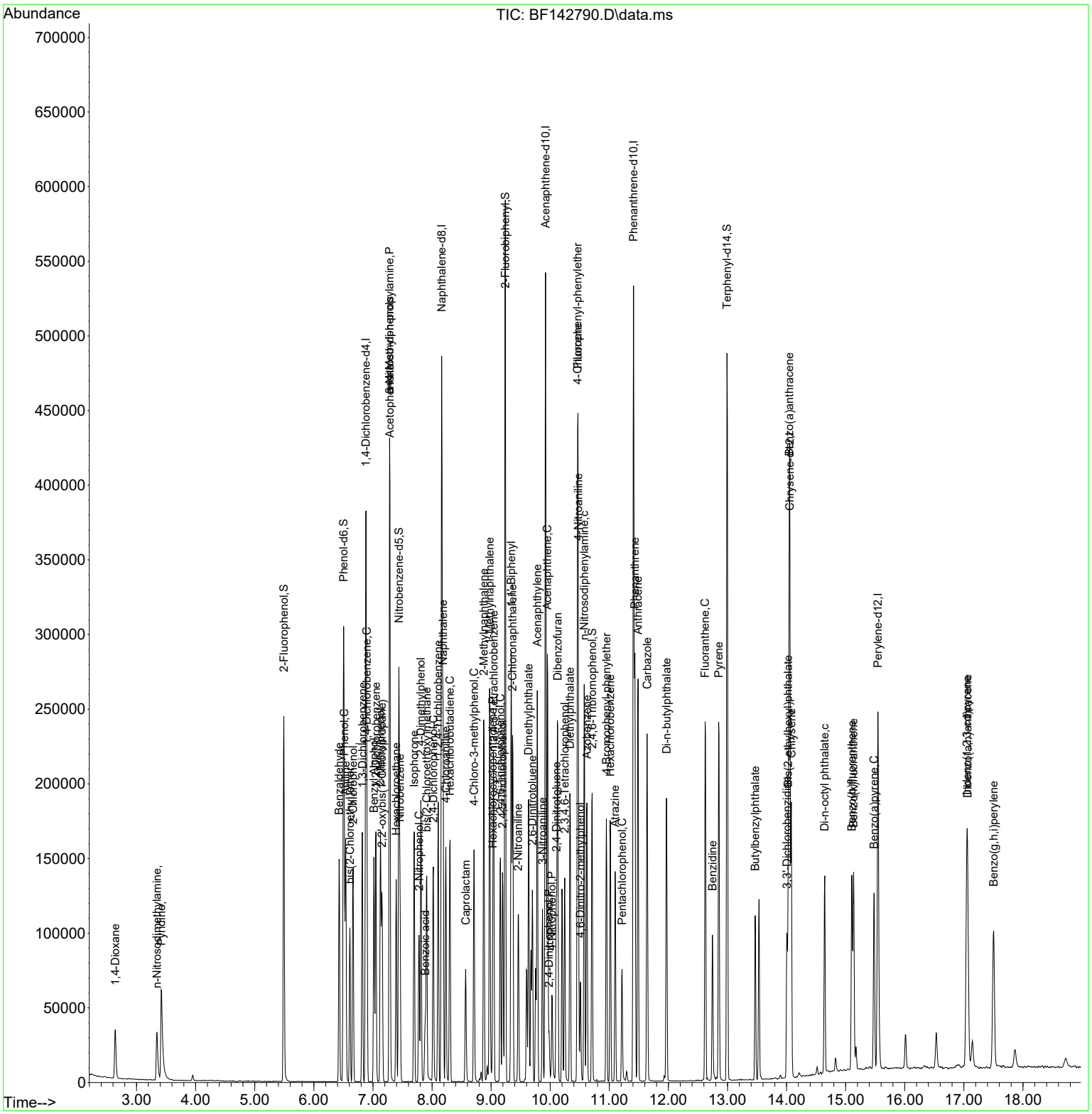
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	31900	9.987	ng	99
46) 1,1'-Biphenyl	9.339	154	127911	10.404	ng	98
47) 2-Chloronaphthalene	9.363	162	95194	10.493	ng	100
48) 2-Nitroaniline	9.457	65	26075	10.117	ng	98
49) Acenaphthylene	9.781	152	158842	10.415	ng	99
50) 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

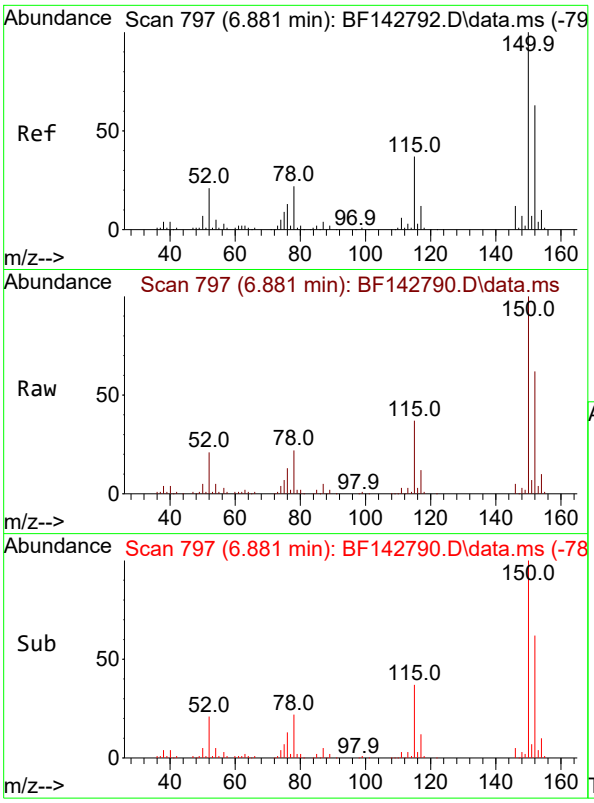
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



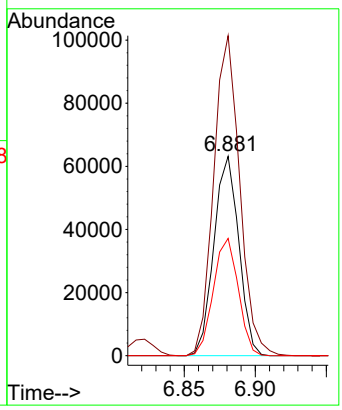


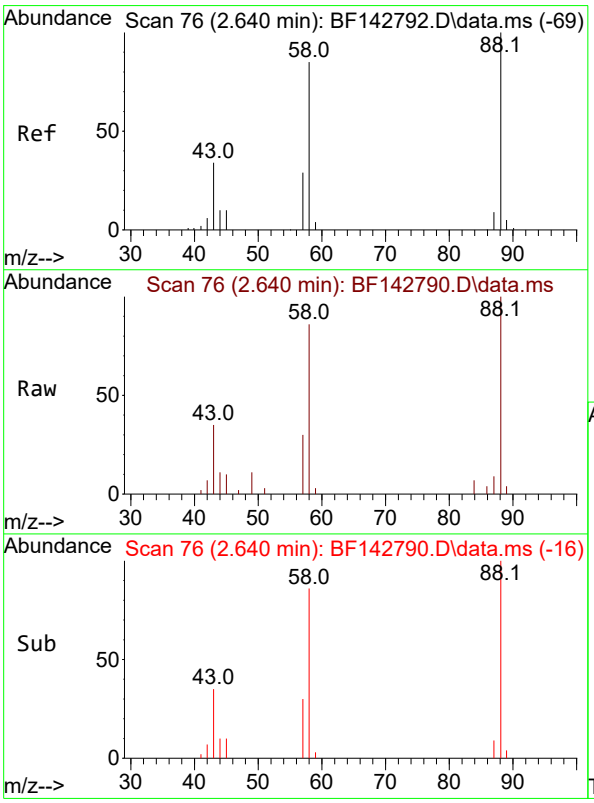
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

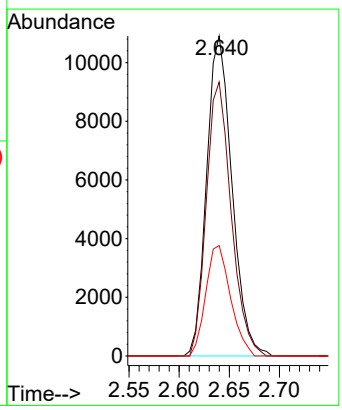


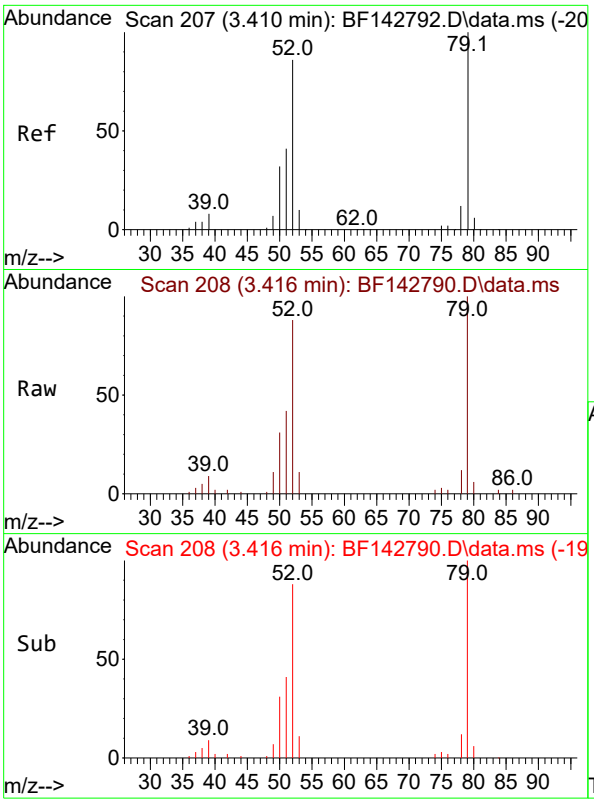


#2
1,4-Dioxane
Concen: 10.712 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



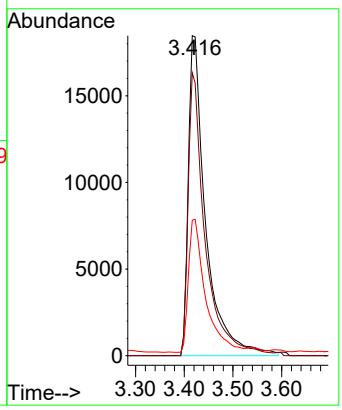


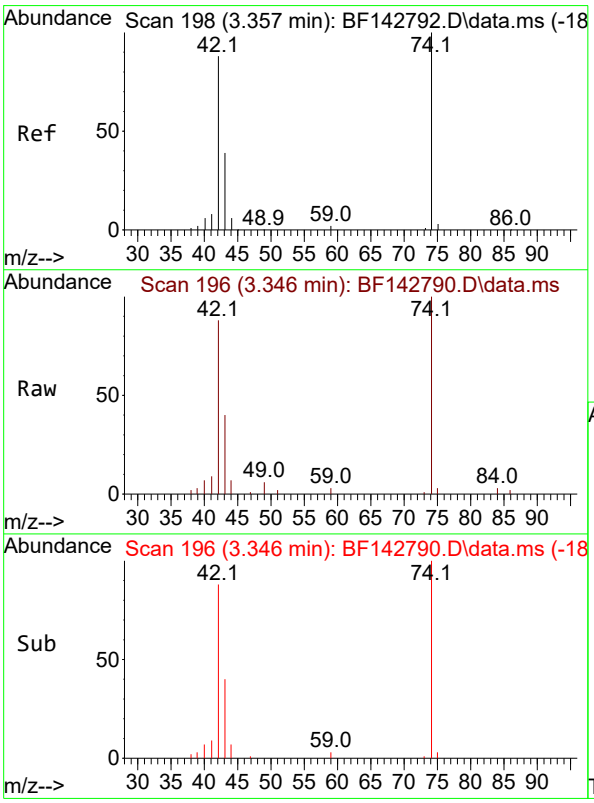
#3
Pyridine
Concen: 10.252 ng
RT: 3.416 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

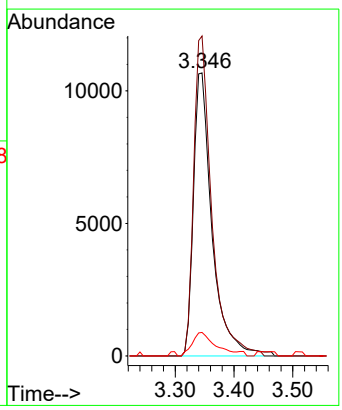


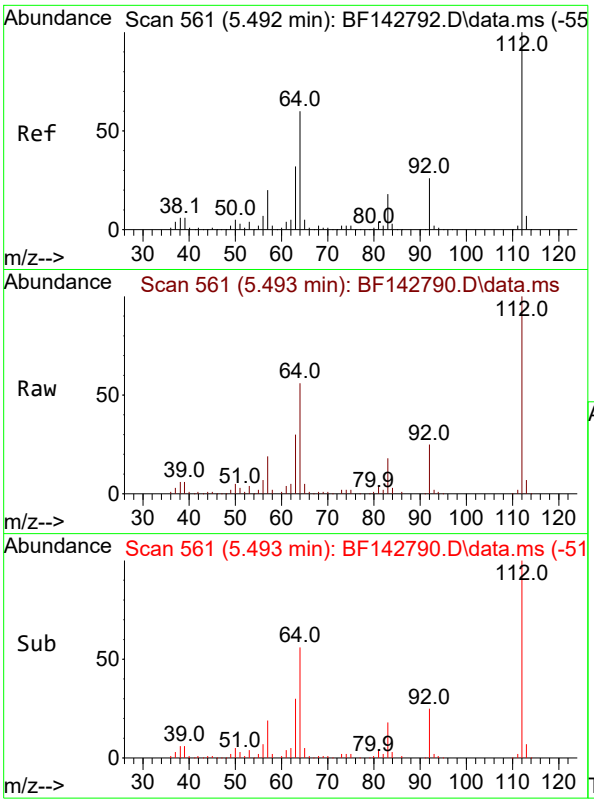


#4
n-Nitrosodimethylamine
Concen: 10.216 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



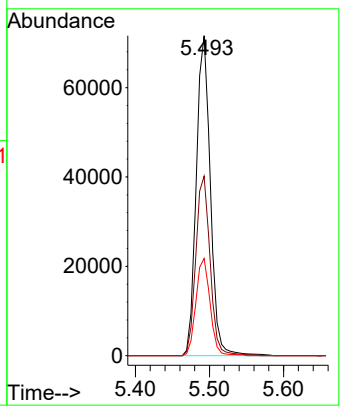


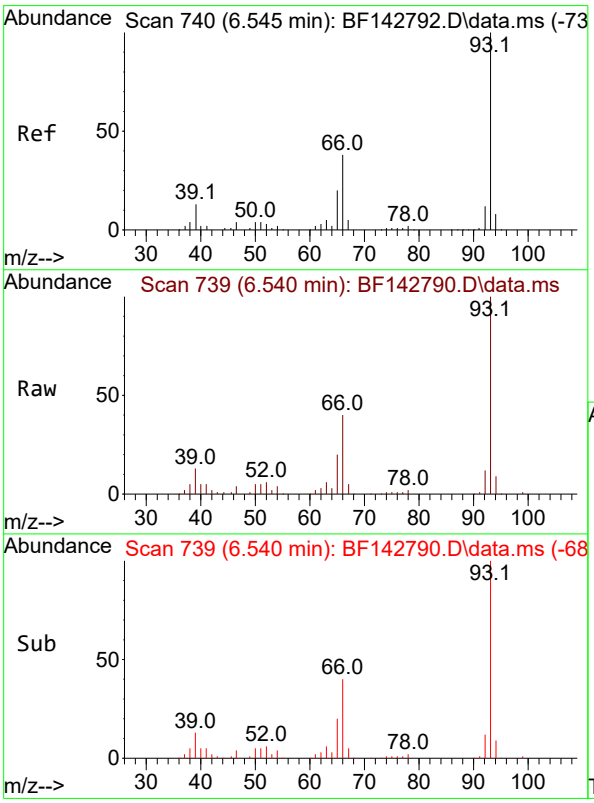
#5
2-Fluorophenol
Concen: 20.977 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

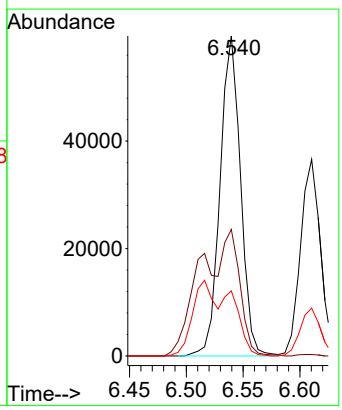


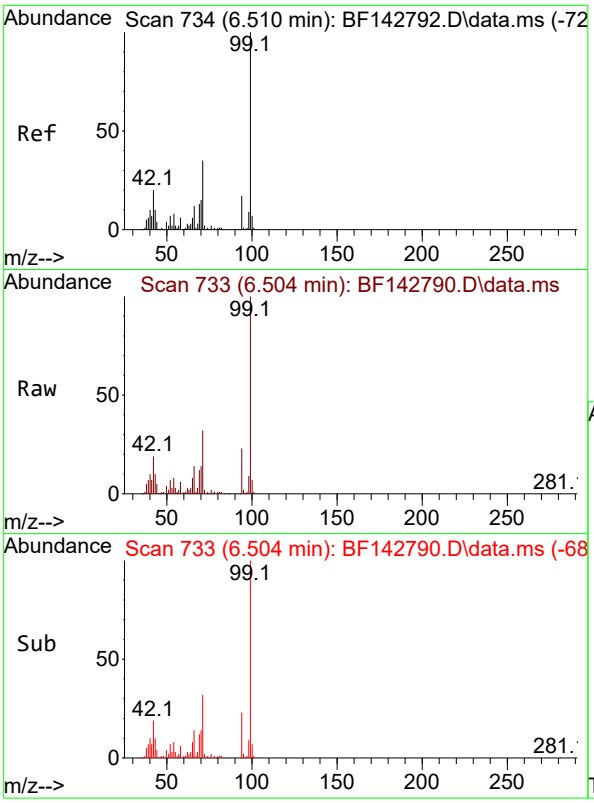


#6
Aniline
Concen: 10.537 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



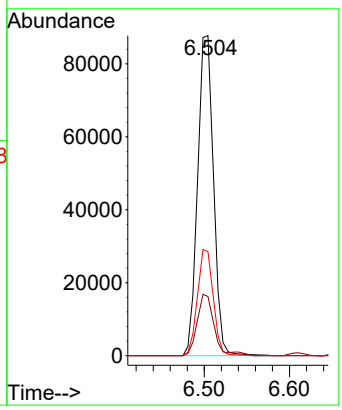


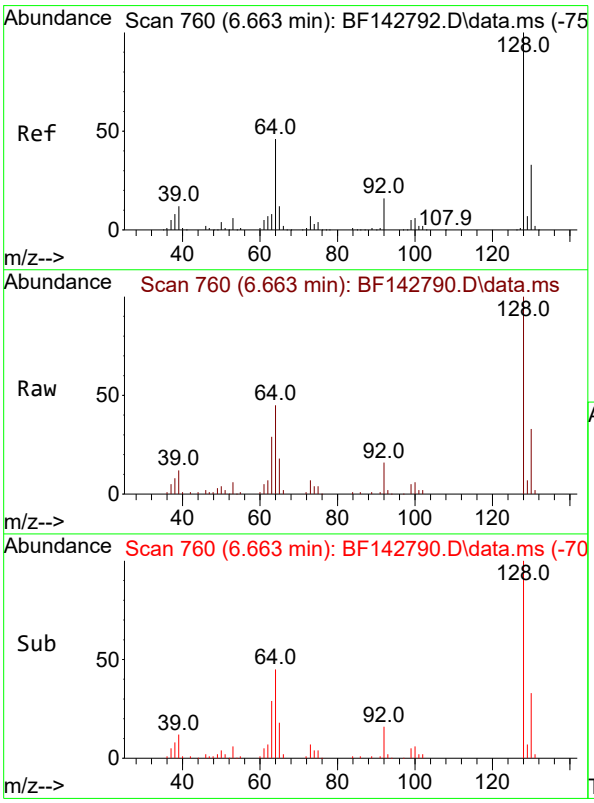
#7
Phenol-d6
Concen: 21.510 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

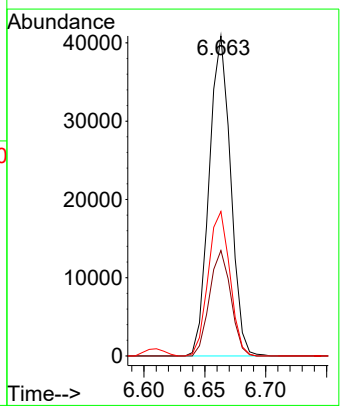


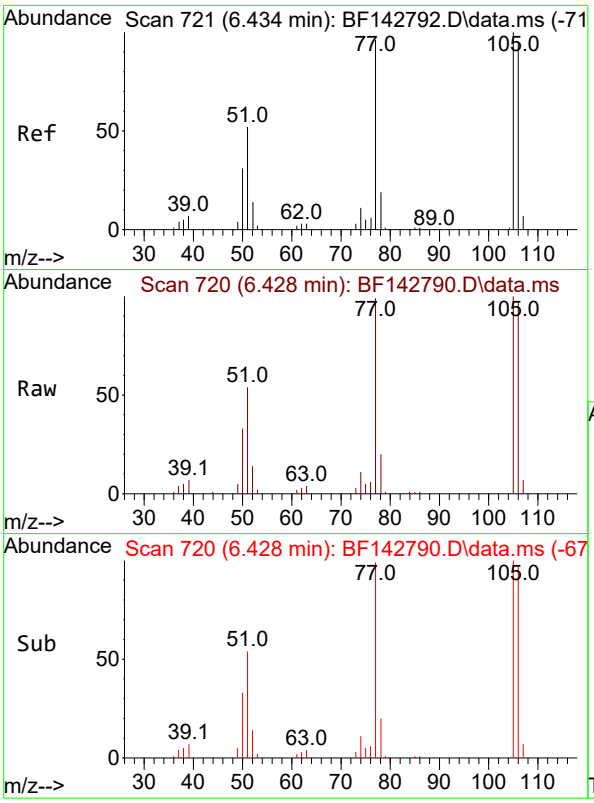


#8
2-Chlorophenol
Concen: 10.208 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



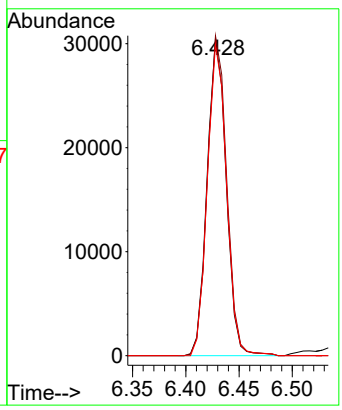


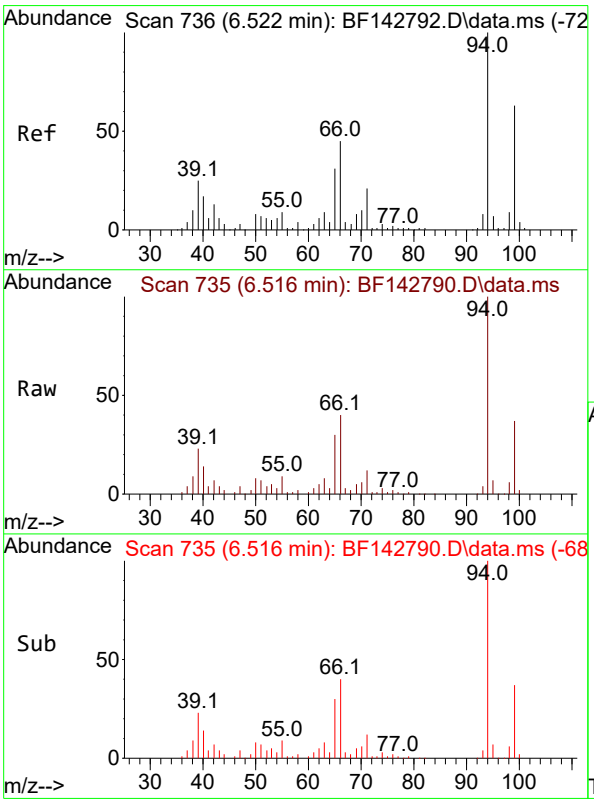
#9
Benzaldehyde
Concen: 11.768 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

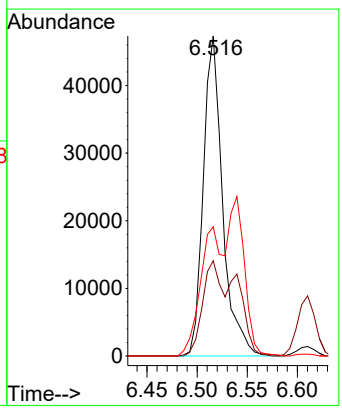


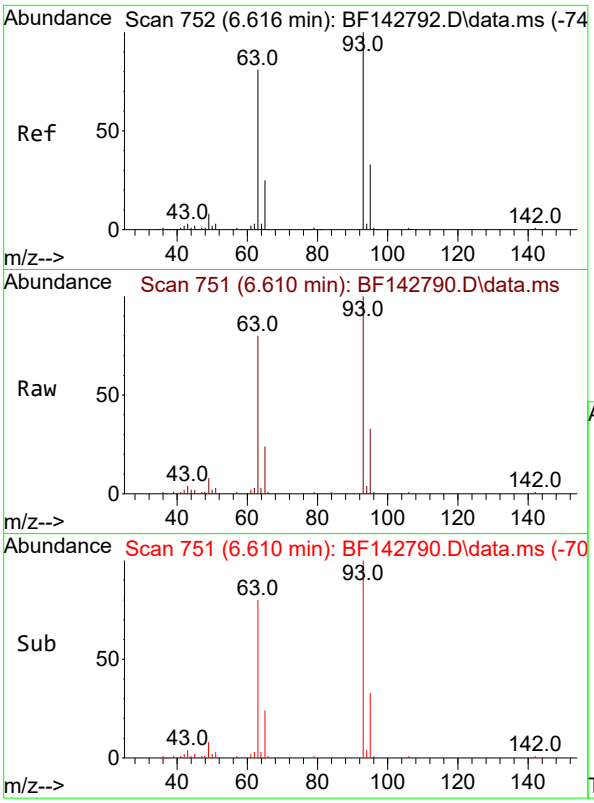


#10
Phenol
Concen: 10.769 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



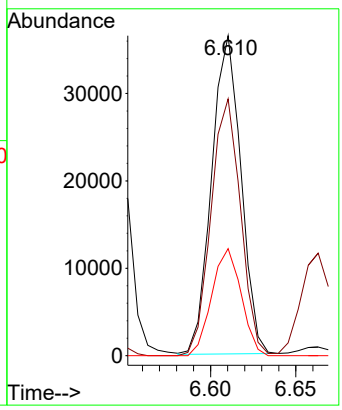


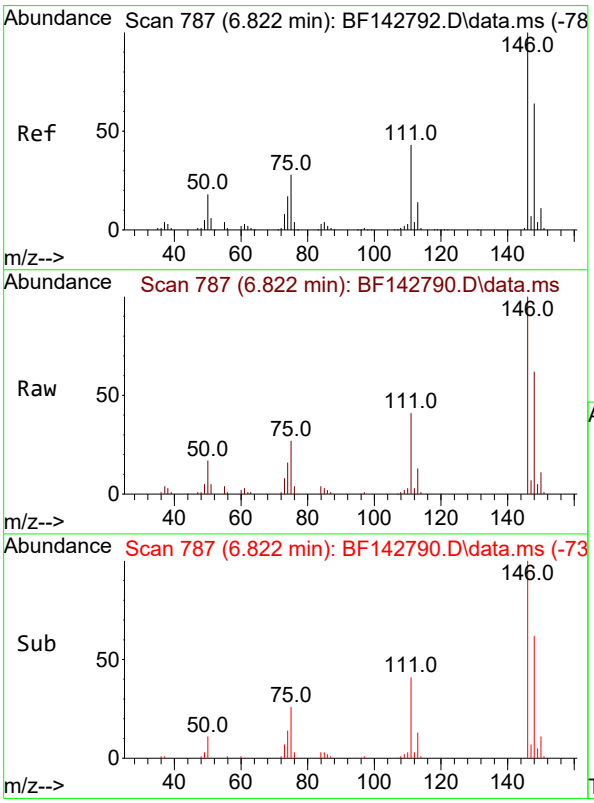
#11
bis(2-Chloroethyl)ether
Concen: 9.950 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

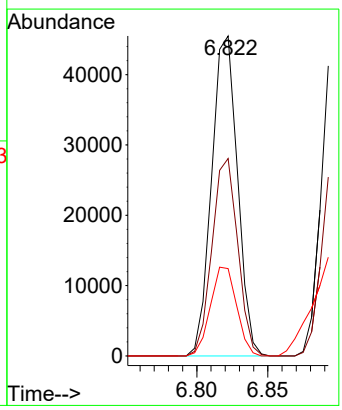


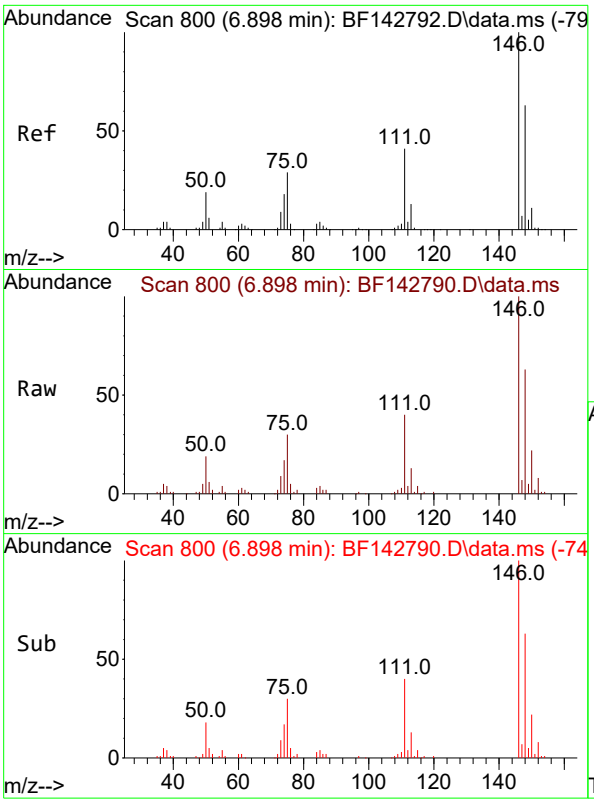


#12
1,3-Dichlorobenzene
Concen: 10.312 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



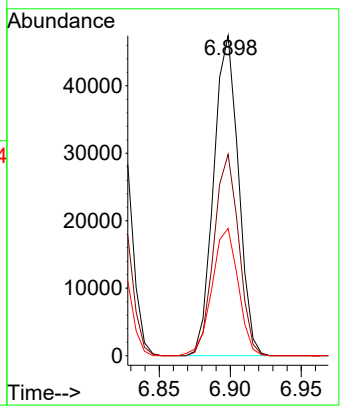


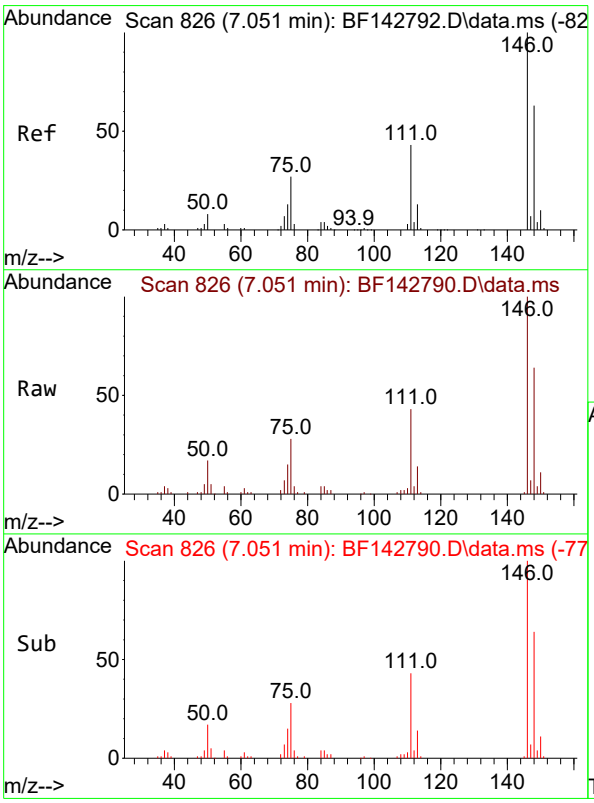
#13
1,4-Dichlorobenzene
Concen: 10.149 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

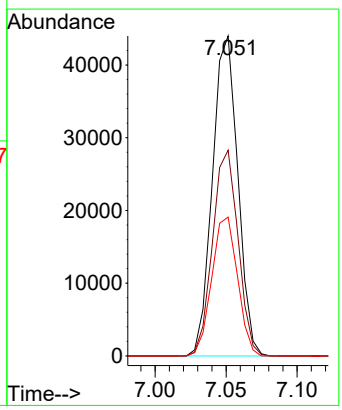


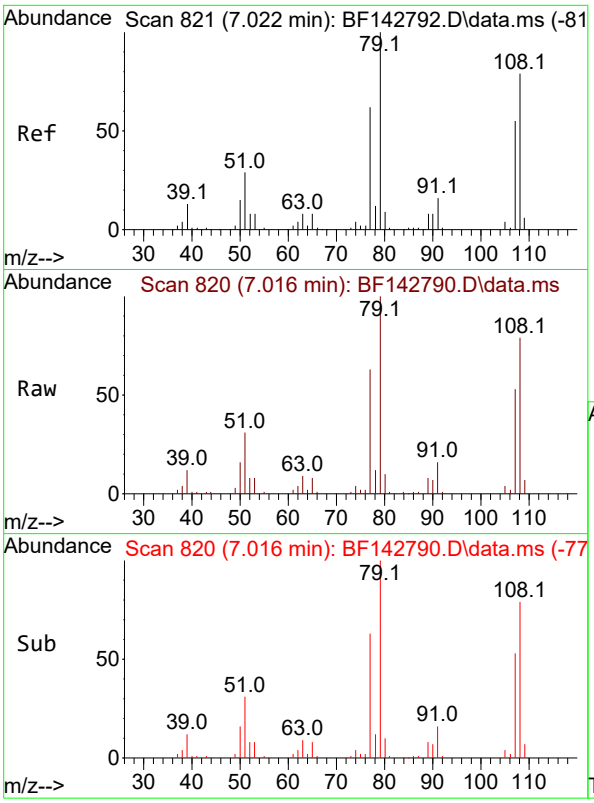


#14
1,2-Dichlorobenzene
Concen: 10.091 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



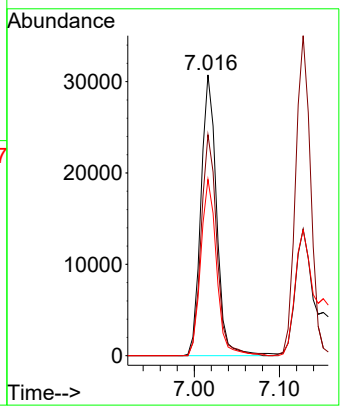


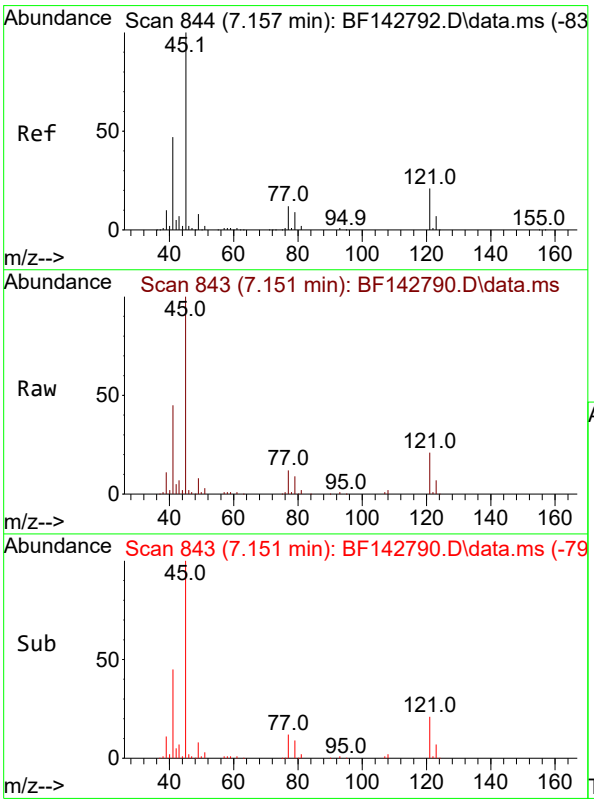
#15
Benzyl Alcohol
Concen: 9.927 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

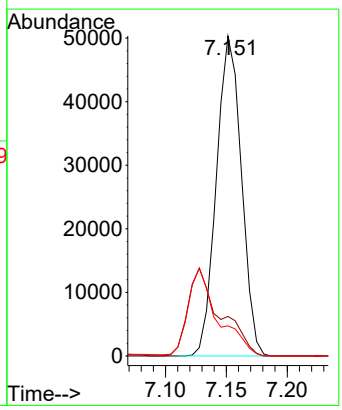


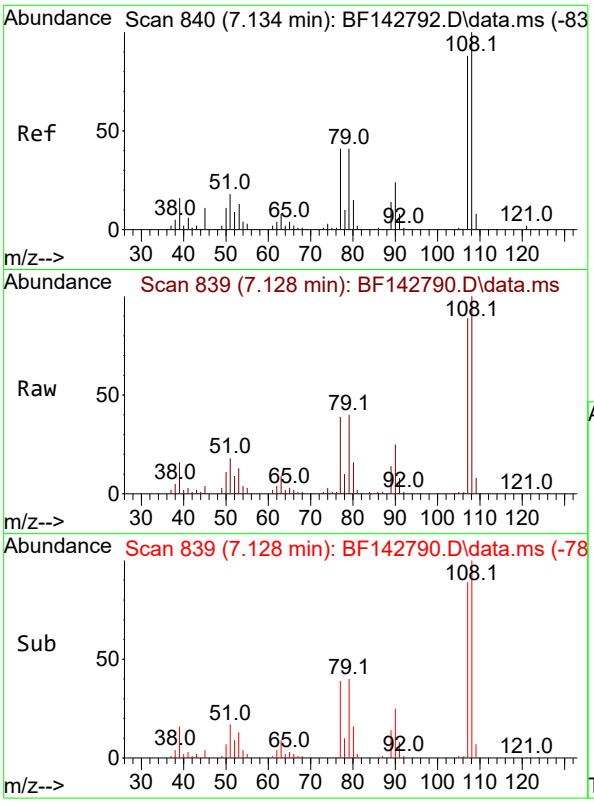


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.417 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



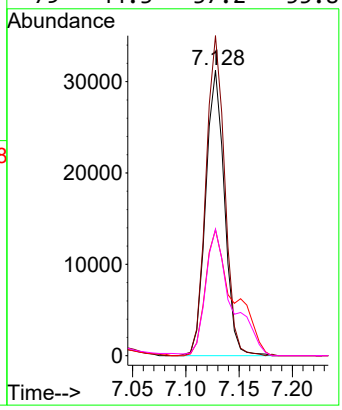


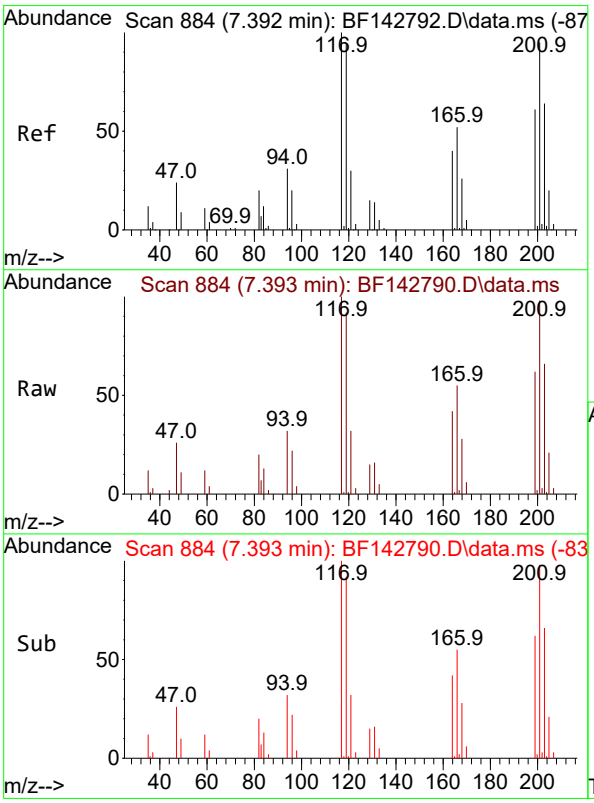
#17
2-Methylphenol
Concen: 10.217 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

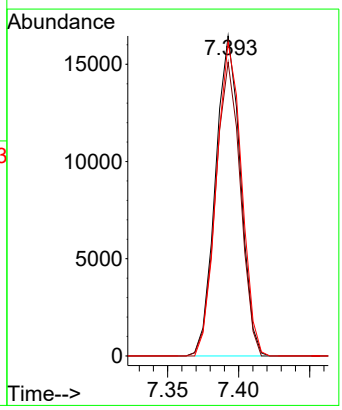


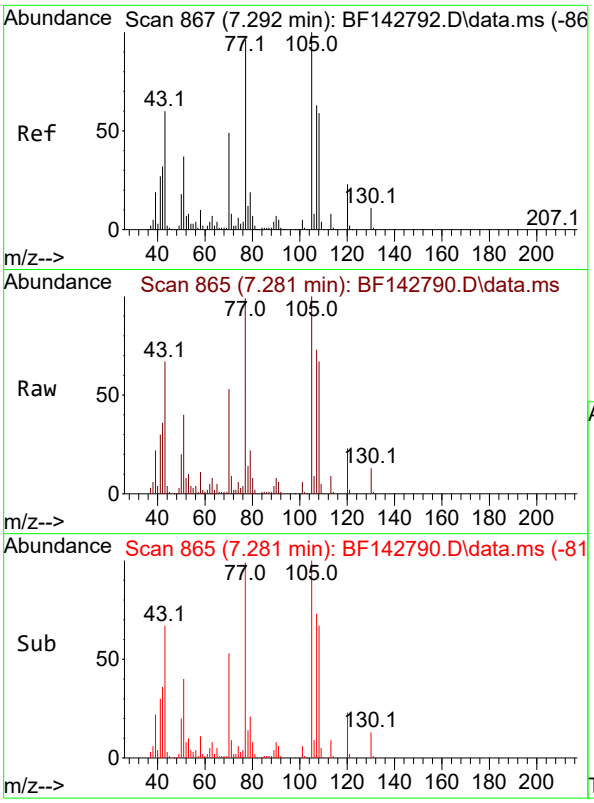


#18
Hexachloroethane
Concen: 9.889 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



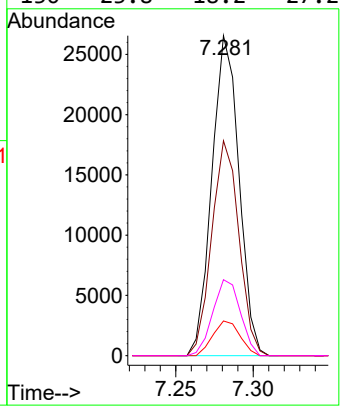


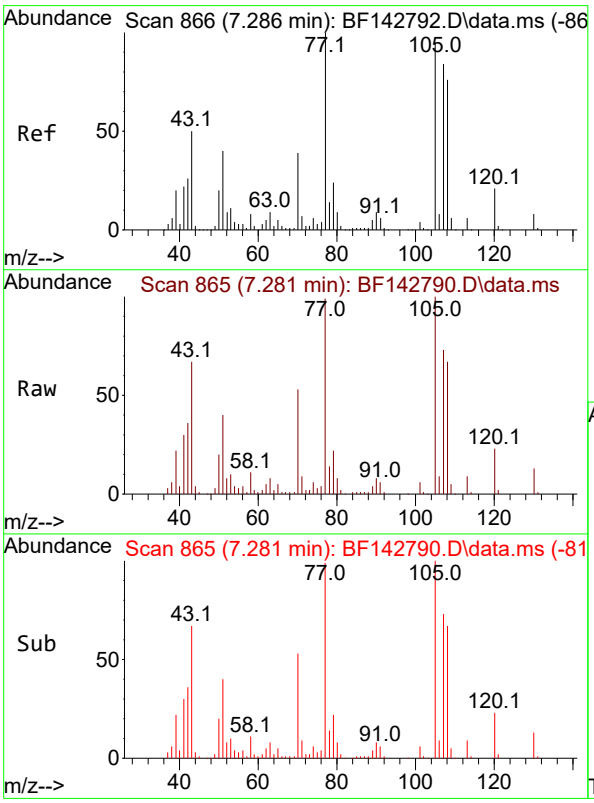
#19
n-Nitroso-di-n-propylamine
Concen: 9.670 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

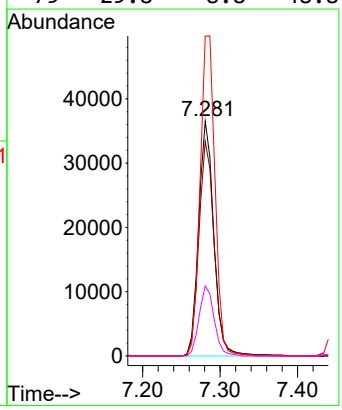


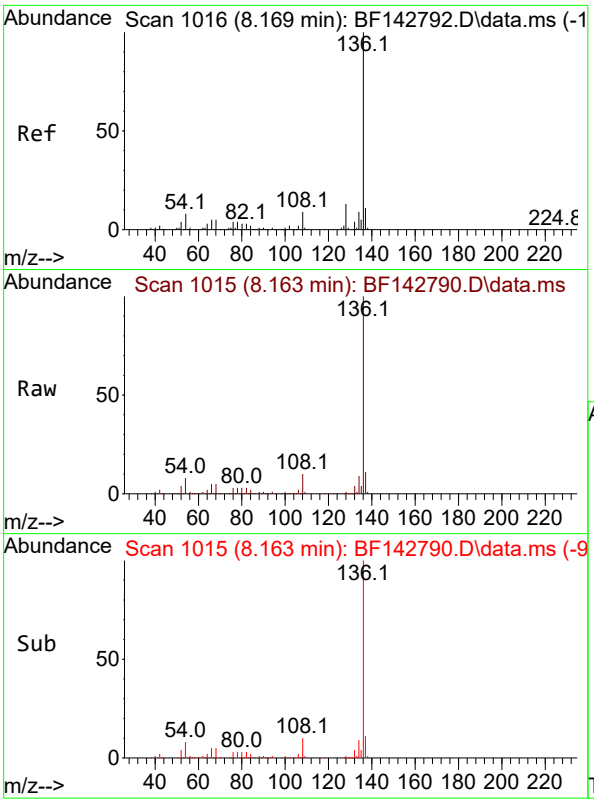


#20
3+4-Methylphenols
Concen: 10.513 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



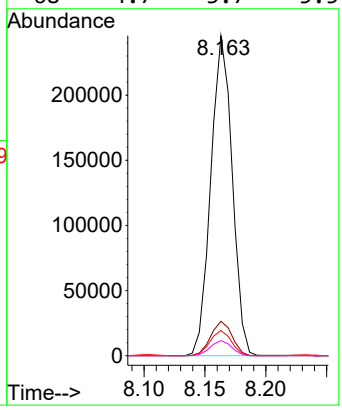


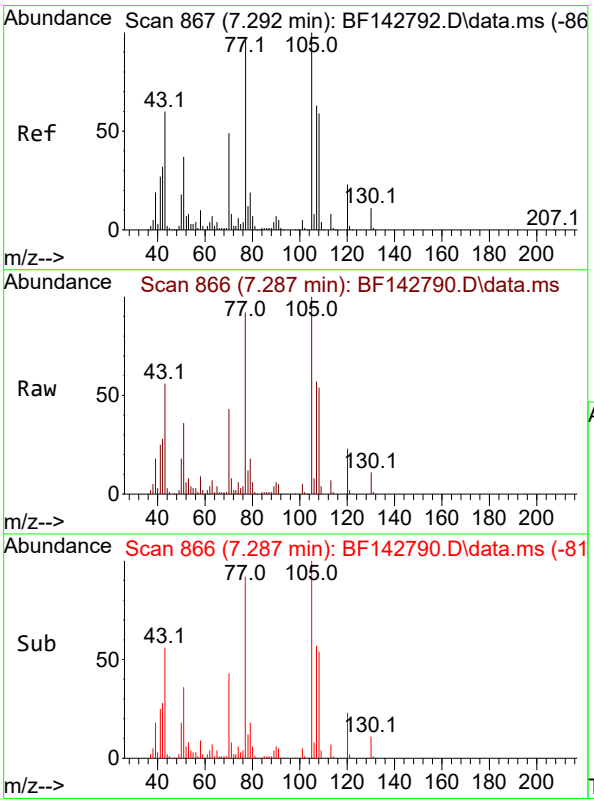
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

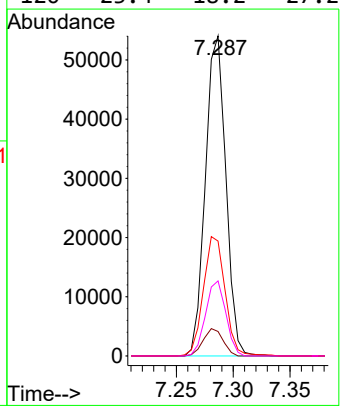


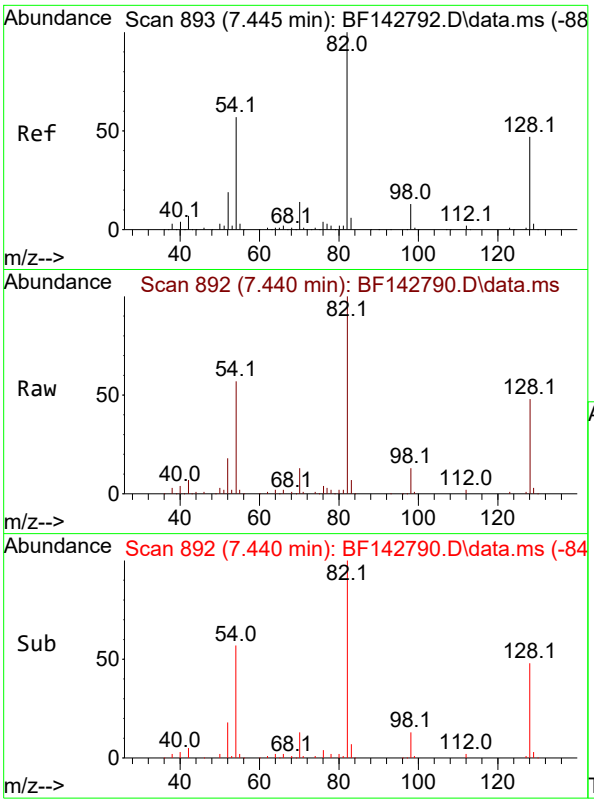


#22
Acetophenone
Concen: 10.197 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



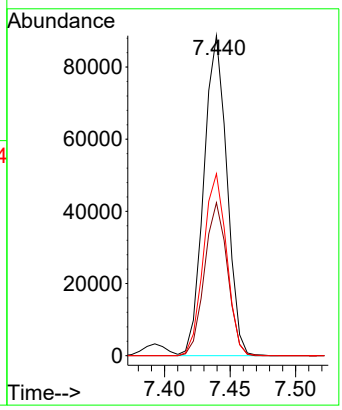


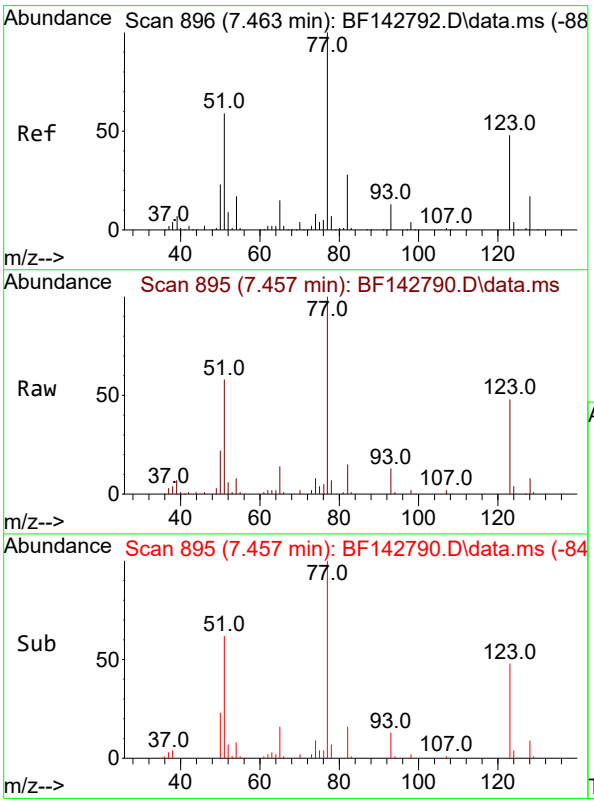
#23
Nitrobenzene-d5
Concen: 19.832 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

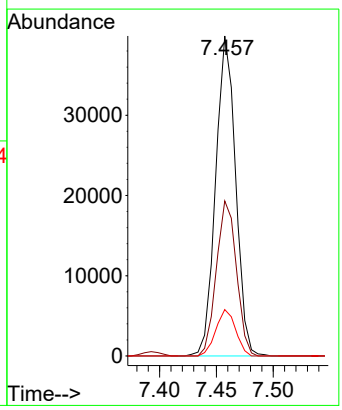


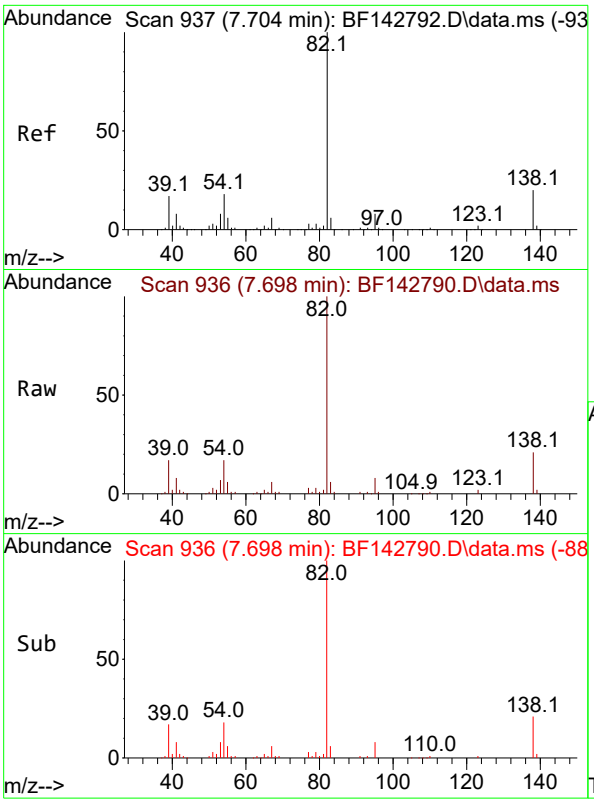


#24
Nitrobenzene
Concen: 10.034 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



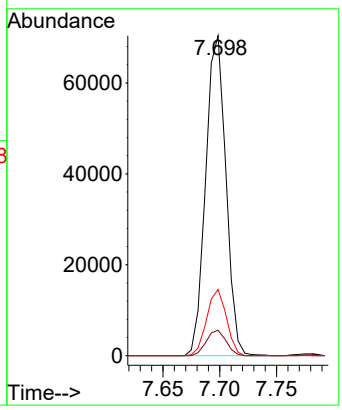


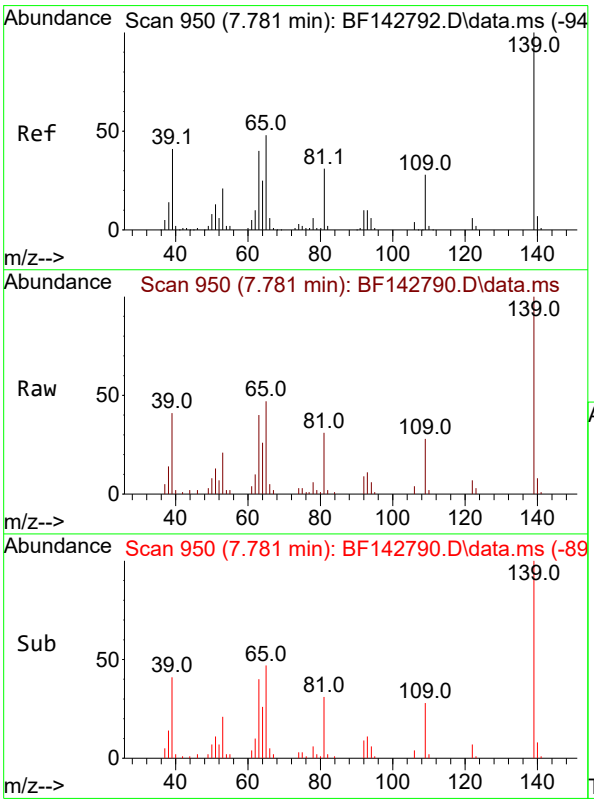
#25
Isophorone
Concen: 9.504 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

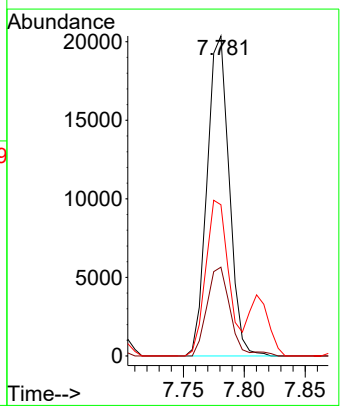


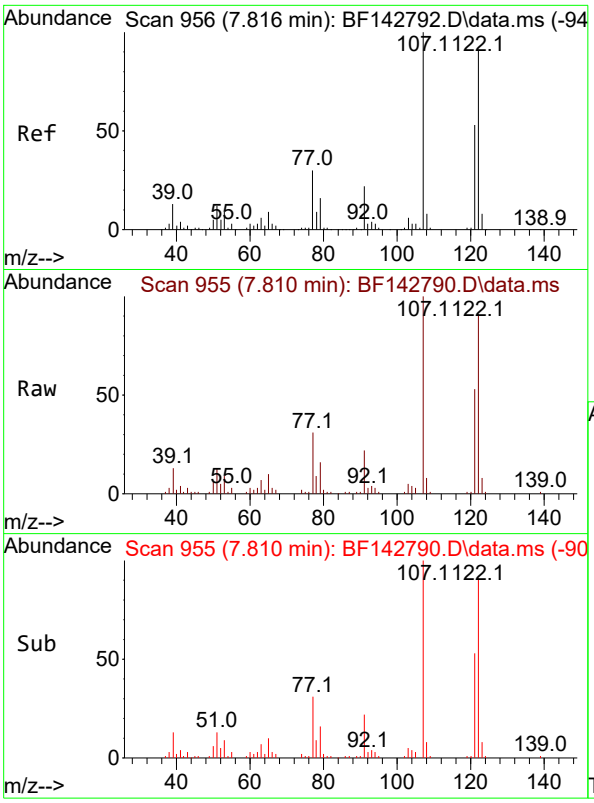


#26
2-Nitrophenol
Concen: 9.498 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



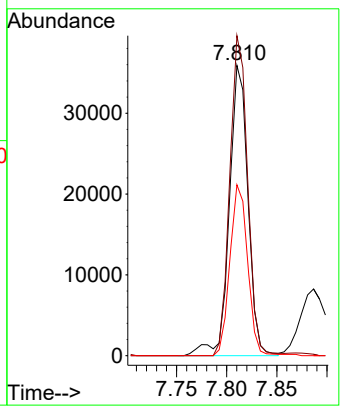


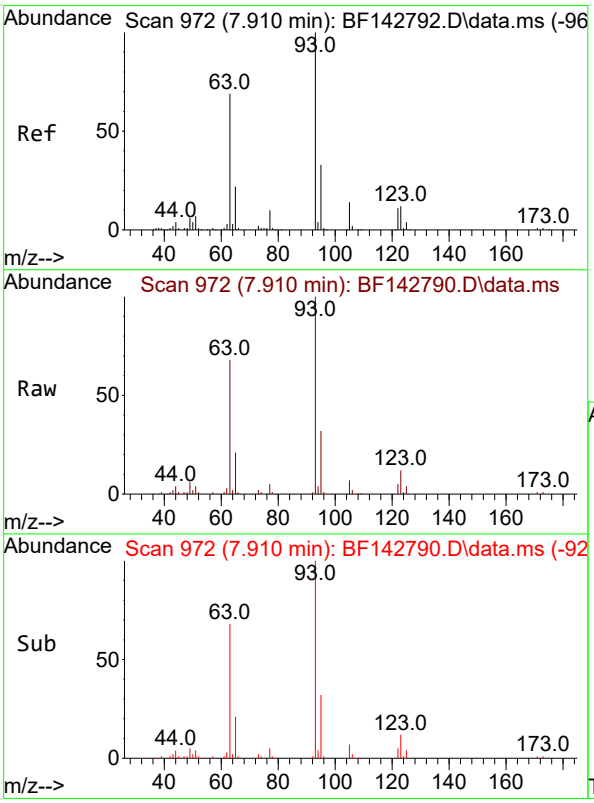
#27
2,4-Dimethylphenol
Concen: 10.071 ng
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

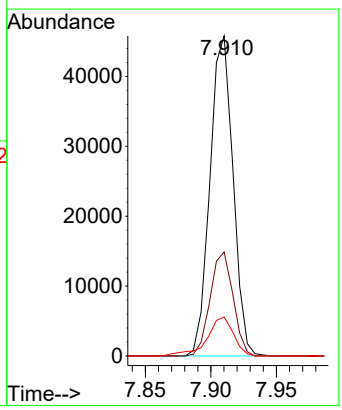


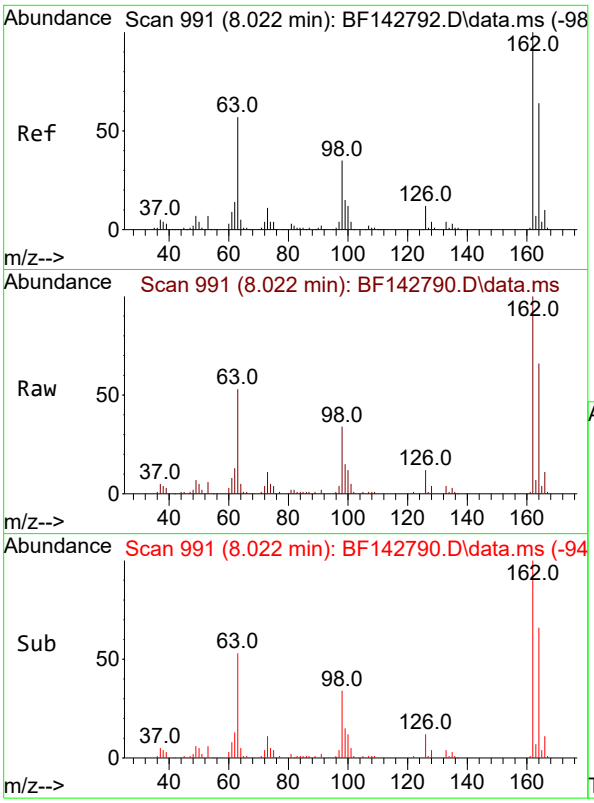


#28
bis(2-Chloroethoxy)methane
Concen: 9.788 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



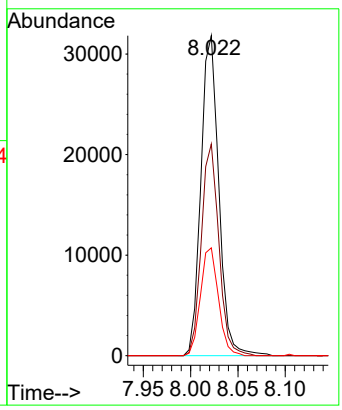


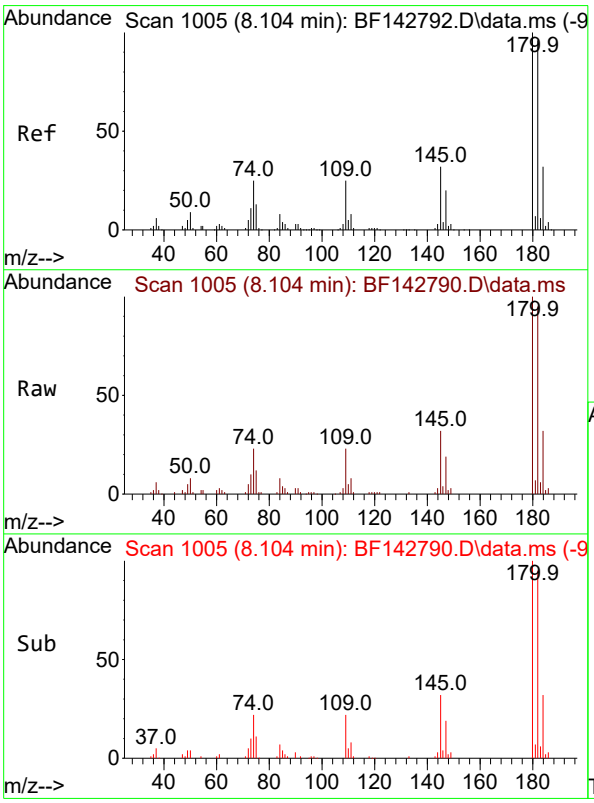
#29
2,4-Dichlorophenol
Concen: 9.861 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

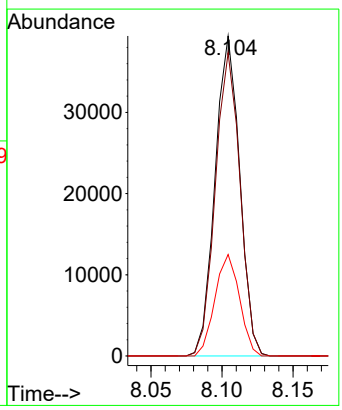


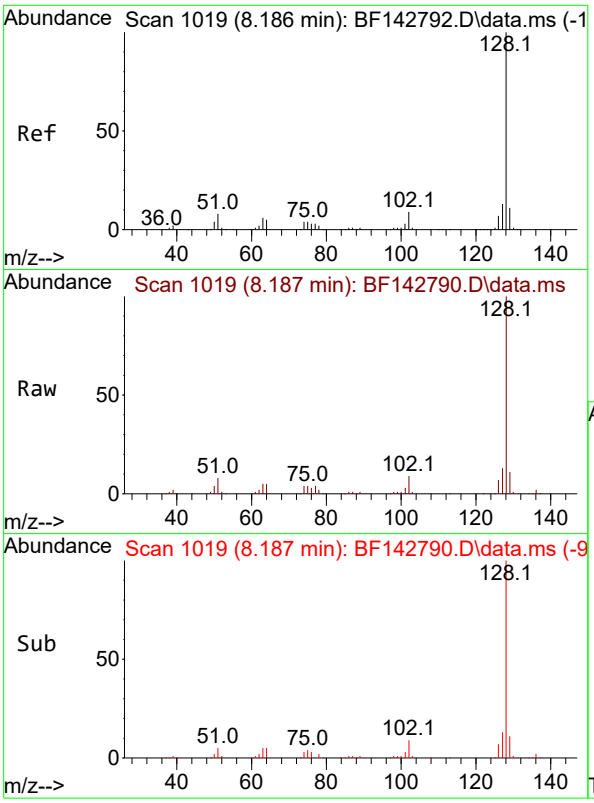


#30
1,2,4-Trichlorobenzene
Concen: 10.097 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



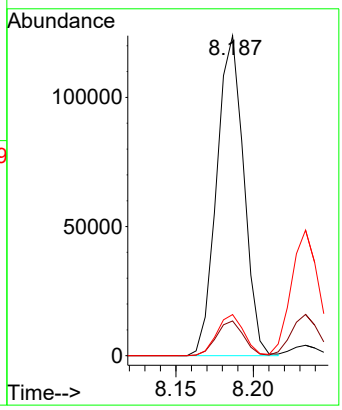


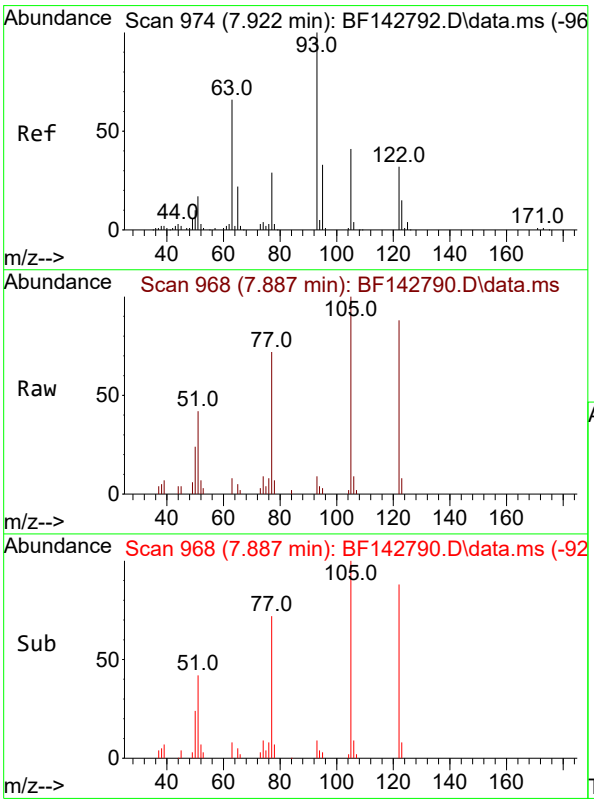
#31
Naphthalene
Concen: 10.188 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

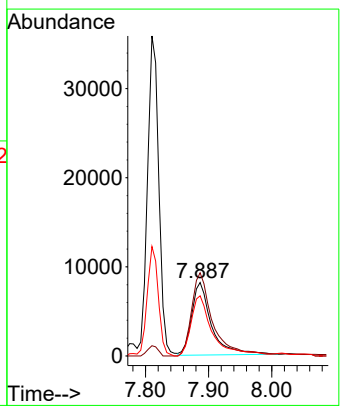


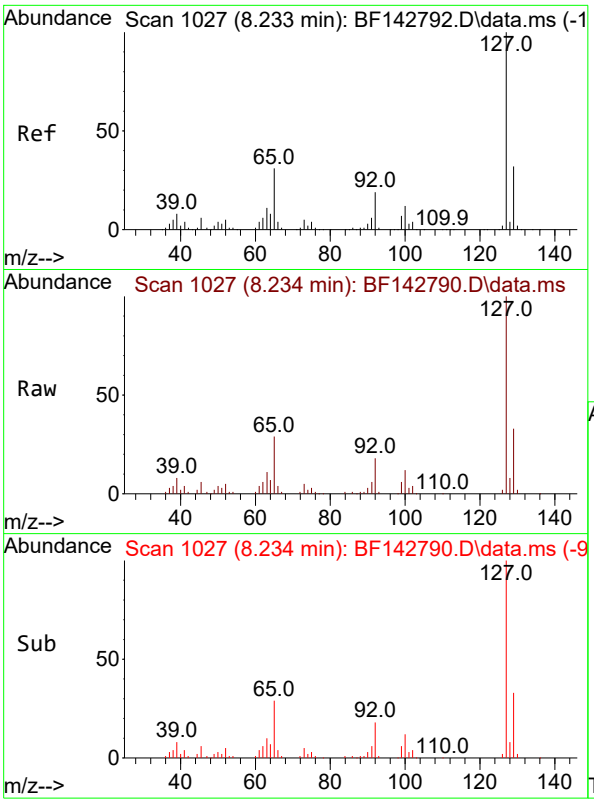


#32
Benzoic acid
Concen: 6.919 ng
RT: 7.887 min Scan# 968
Delta R.T. -0.035 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



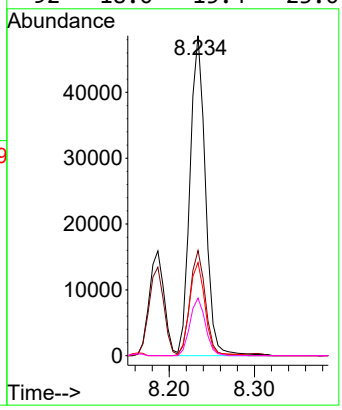


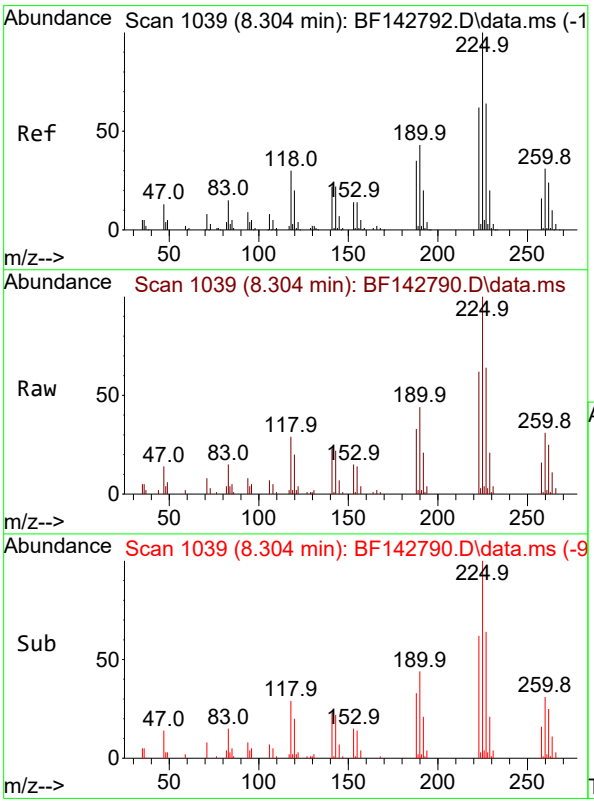
#33
4-Chloroaniline
Concen: 10.352 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

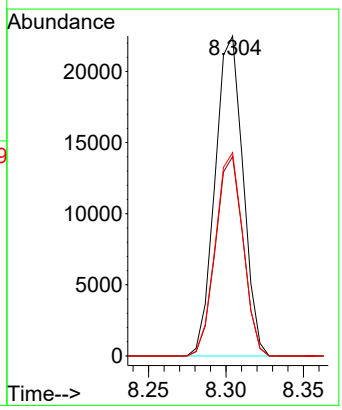


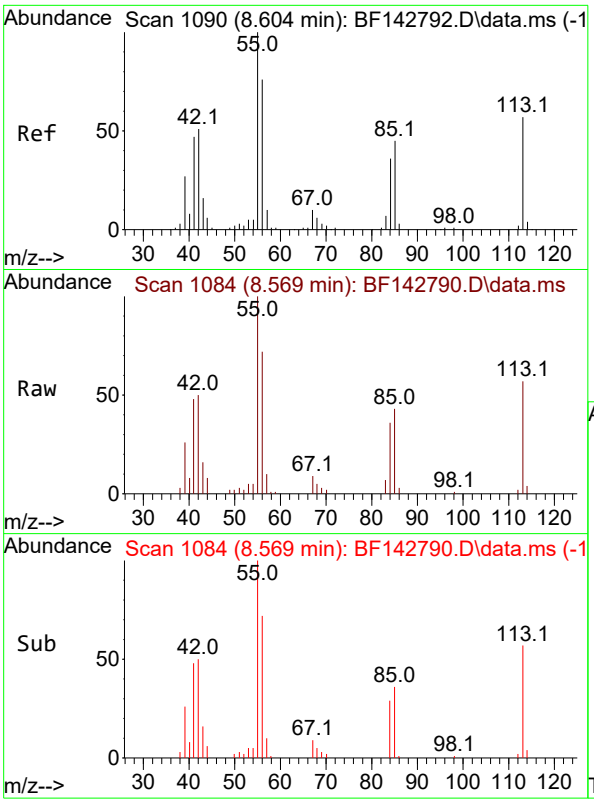


#34
Hexachlorobutadiene
Concen: 9.473 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



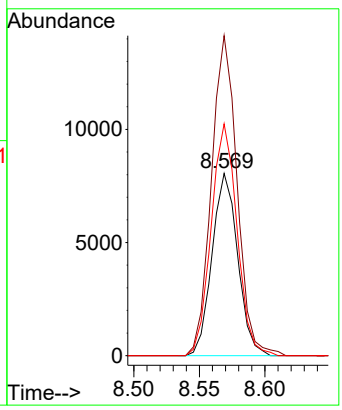


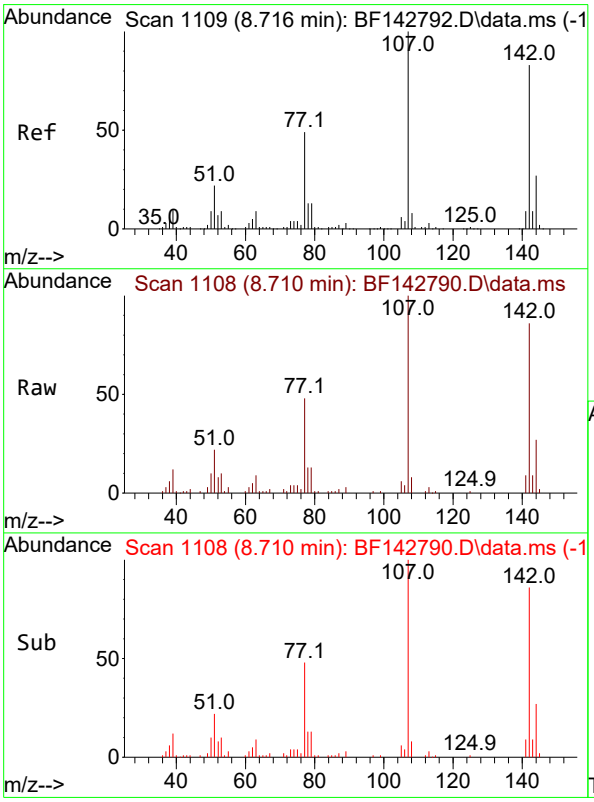
#35
Caprolactam
Concen: 9.557 ng
RT: 8.569 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

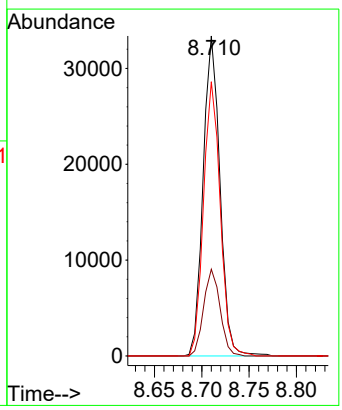


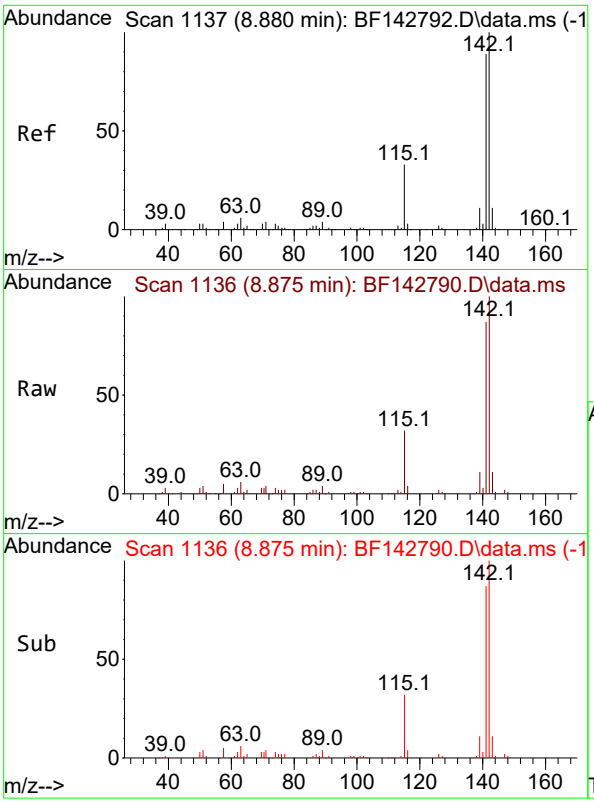


#36
4-Chloro-3-methylphenol
Concen: 9.382 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



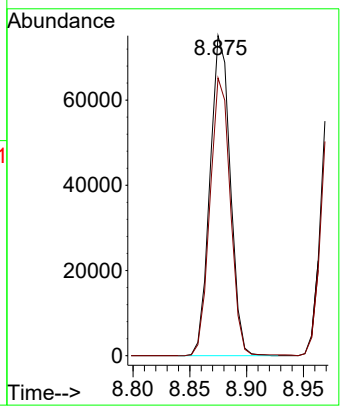


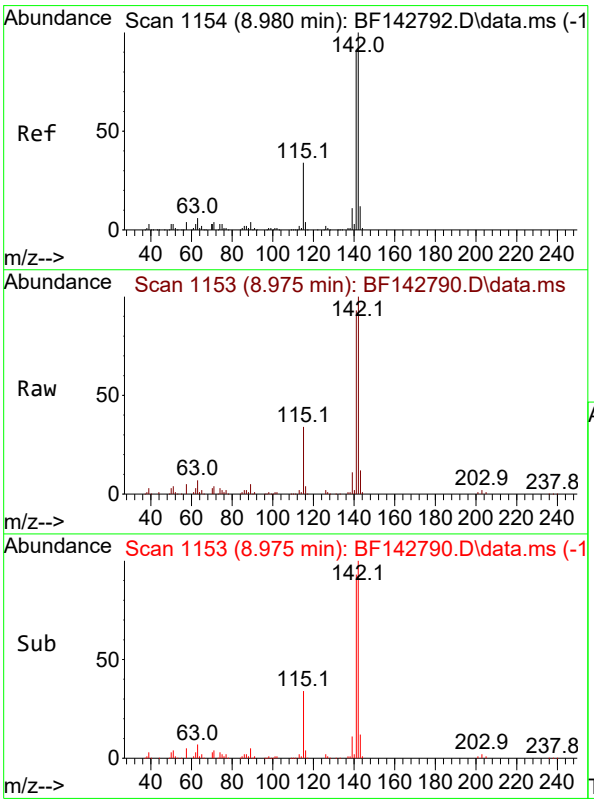
#37
2-Methylnaphthalene
Concen: 10.003 ng
RT: 8.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 93078

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.9	106.3

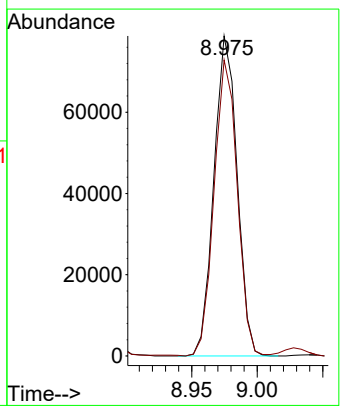


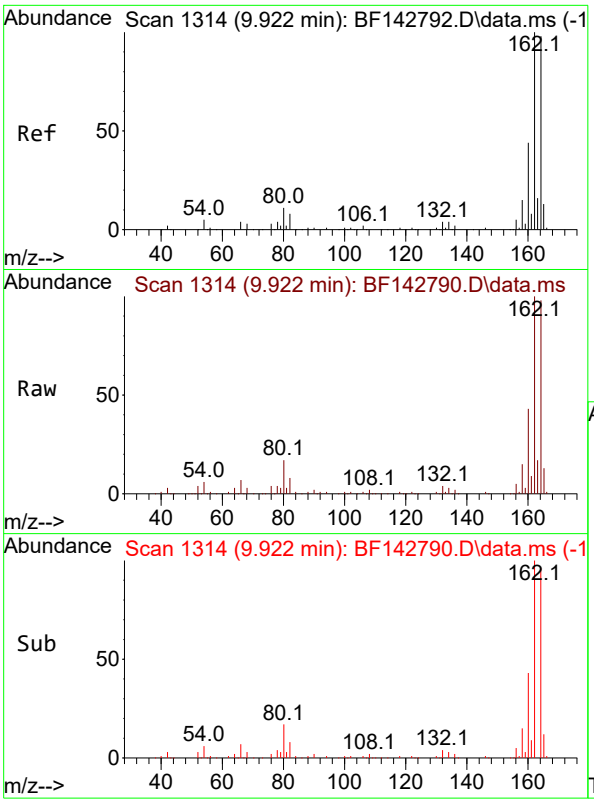


#38
1-Methylnaphthalene
Concen: 10.007 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

Tgt Ion:142 Resp: 96673

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.0	109.4



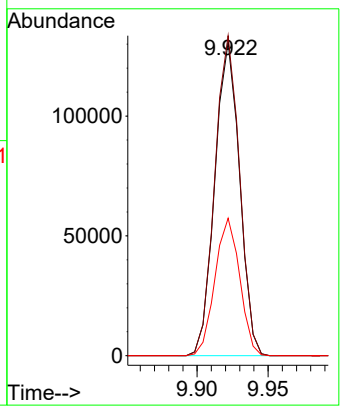


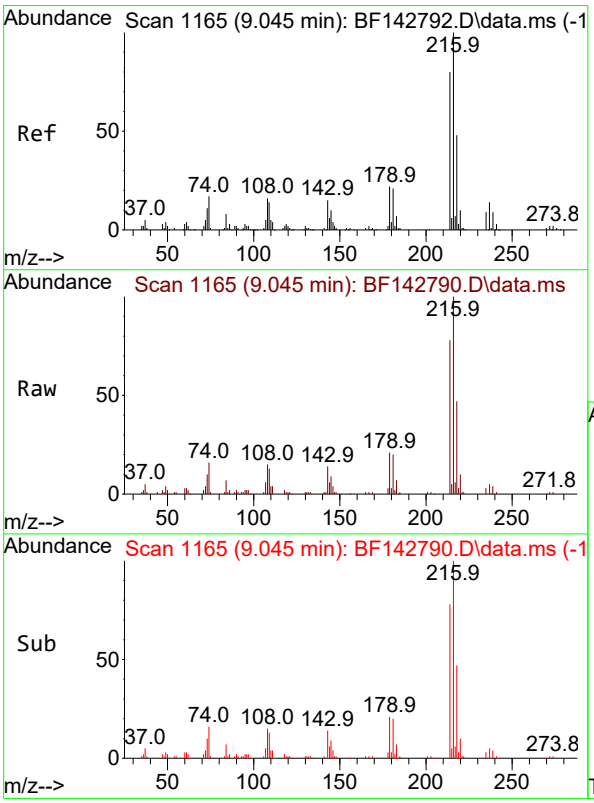
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

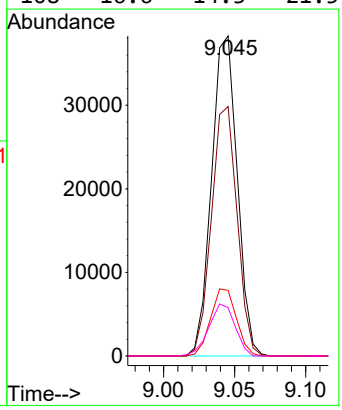


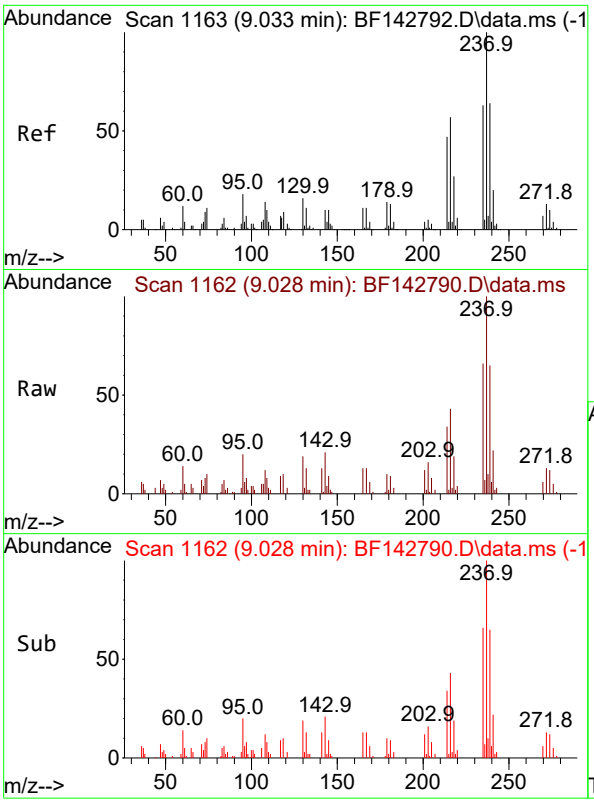


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.540 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



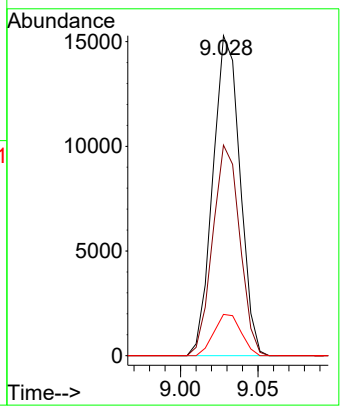


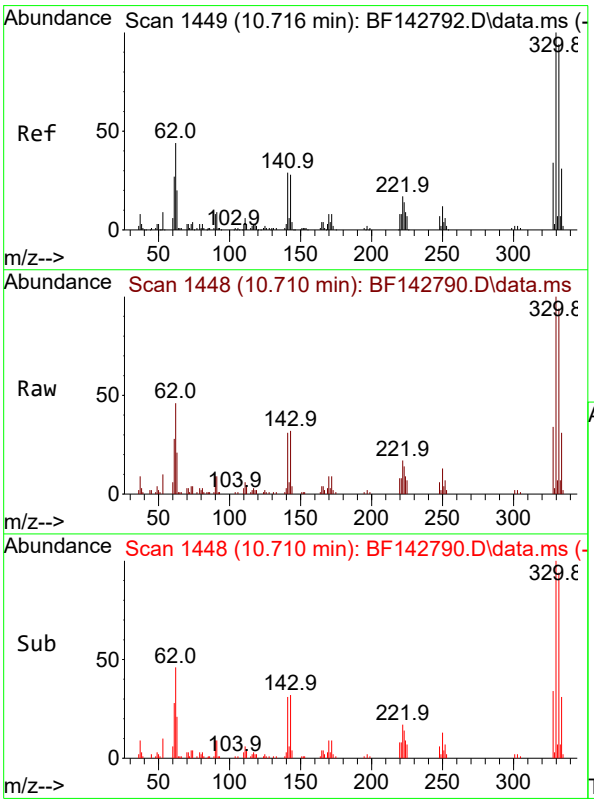
#41
Hexachlorocyclopentadiene
Concen: 6.436 ng
RT: 9.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

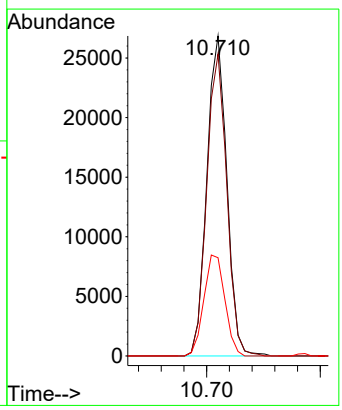


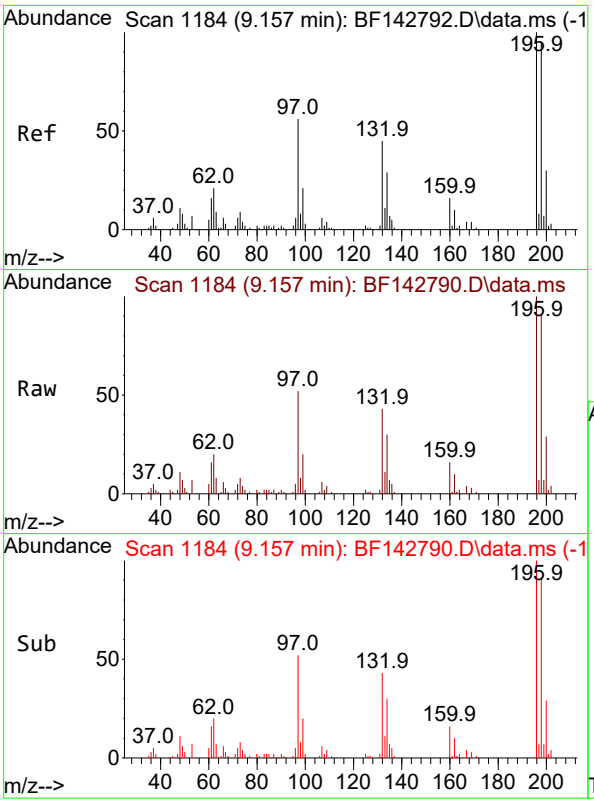


#42
2,4,6-Tribromophenol
Concen: 19.042 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



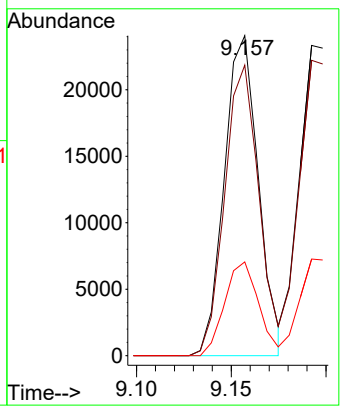


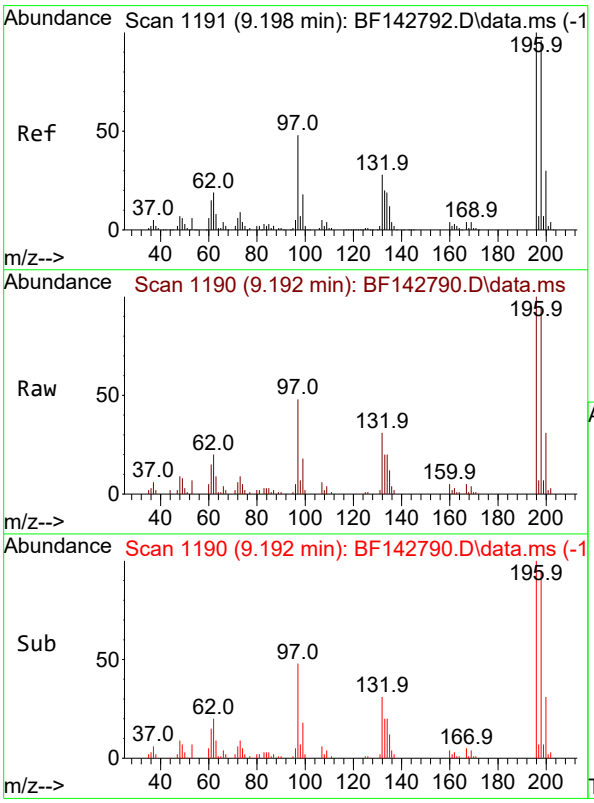
#43
2,4,6-Trichlorophenol
Concen: 10.182 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

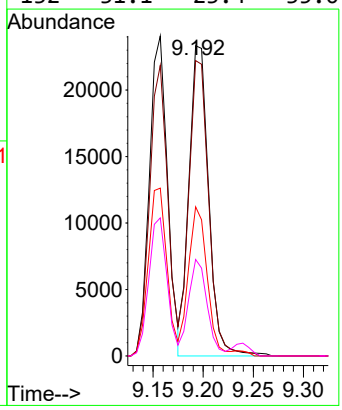


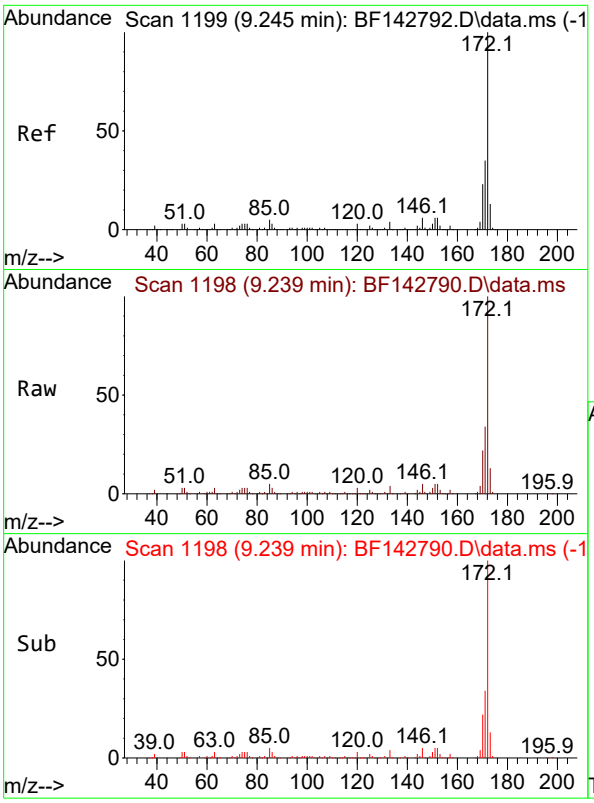


#44
2,4,5-Trichlorophenol
Concen: 9.987 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



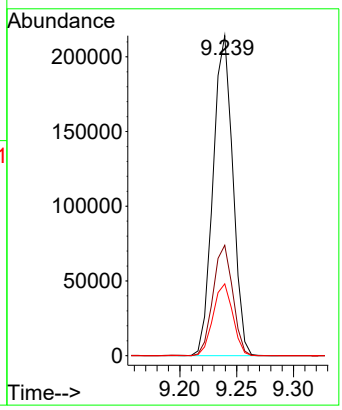


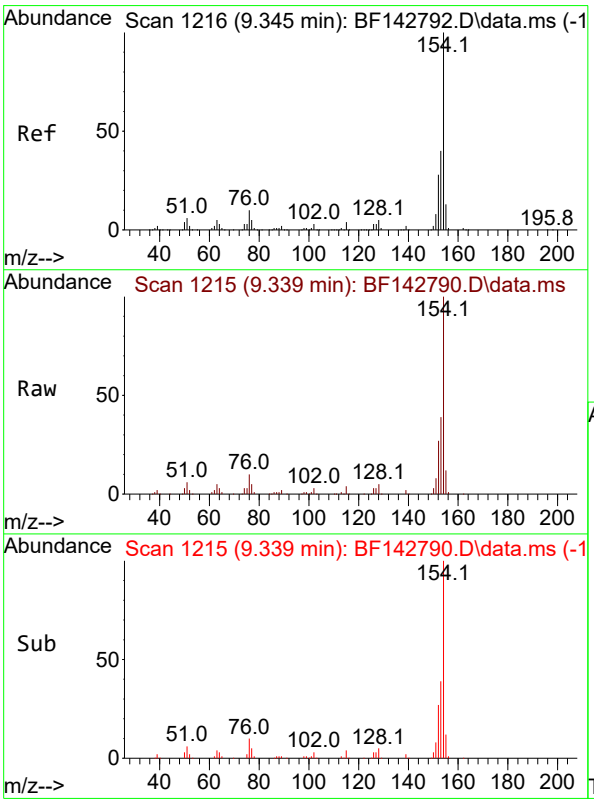
#45
2-Fluorobiphenyl
Concen: 21.765 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

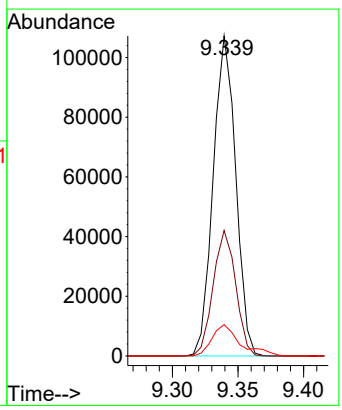


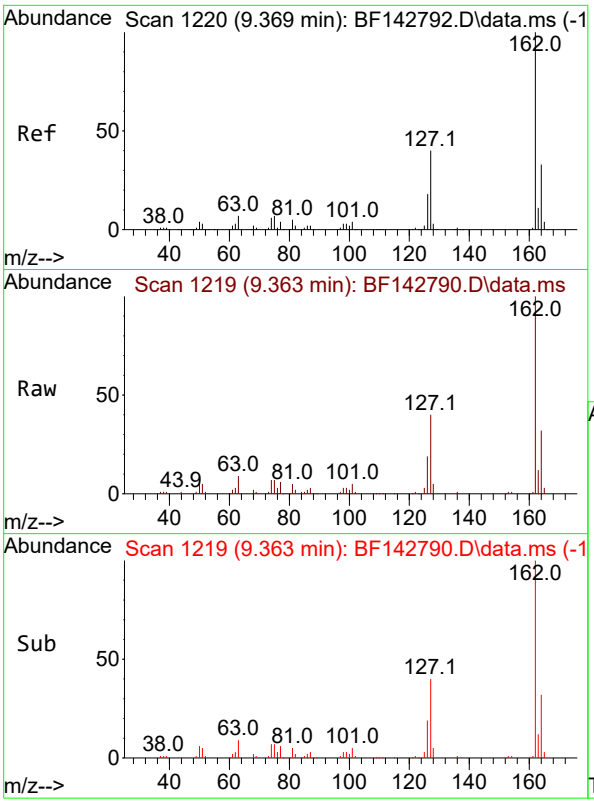


#46
1,1'-Biphenyl
Concen: 10.404 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



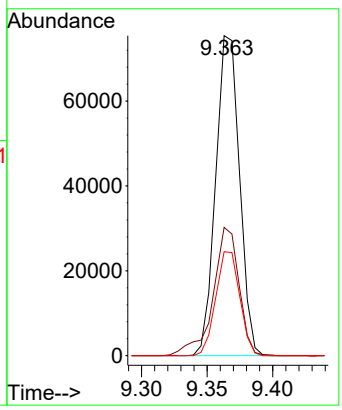


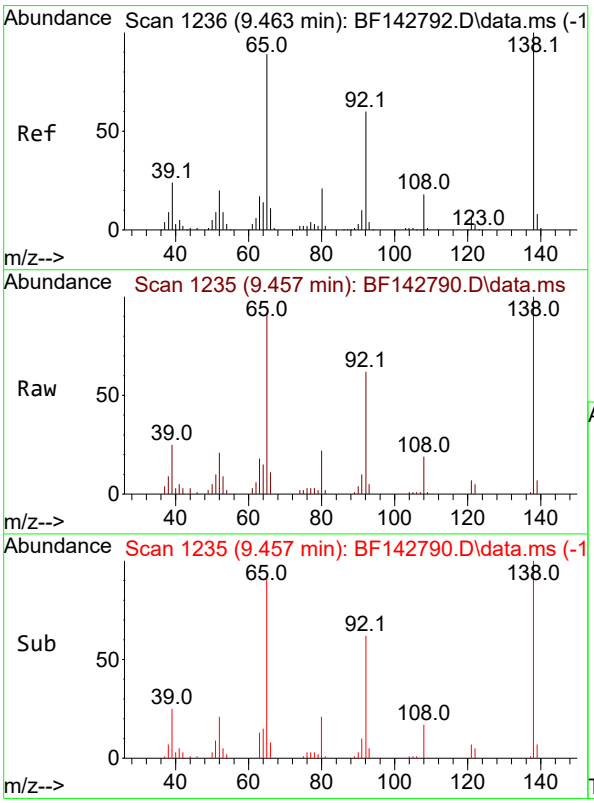
#47
2-Chloronaphthalene
Concen: 10.493 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

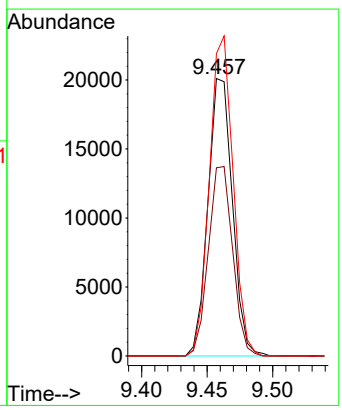


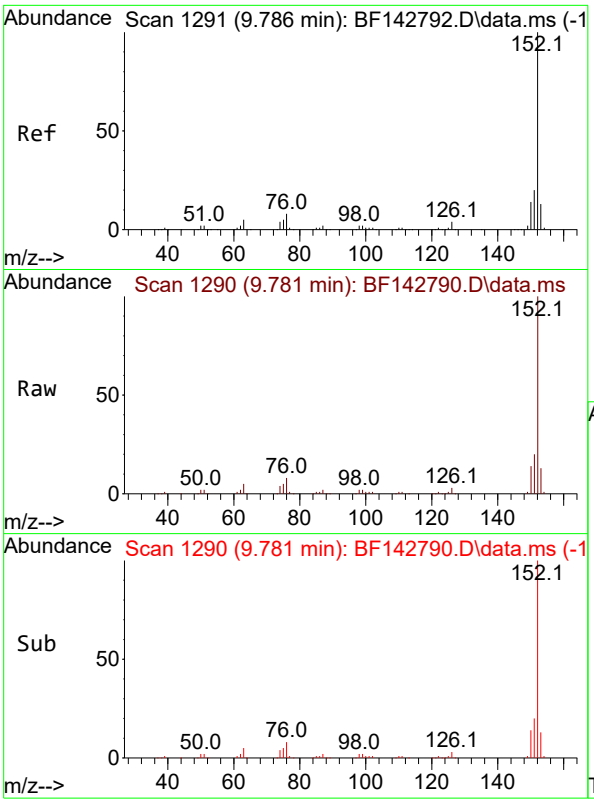


#48
2-Nitroaniline
Concen: 10.117 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



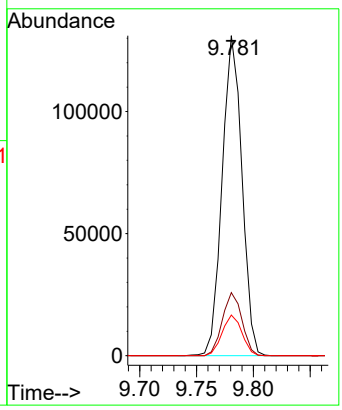


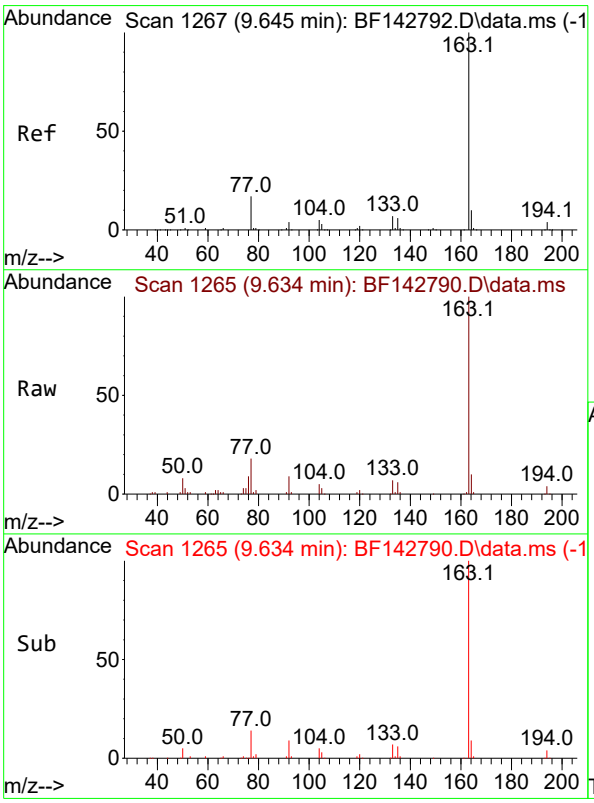
#49
Acenaphthylene
Concen: 10.415 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

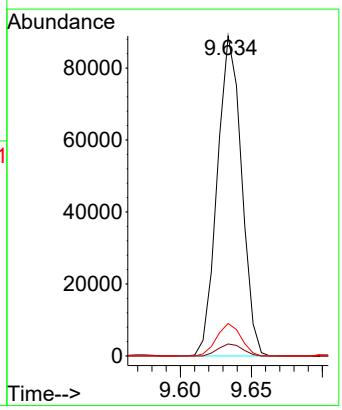


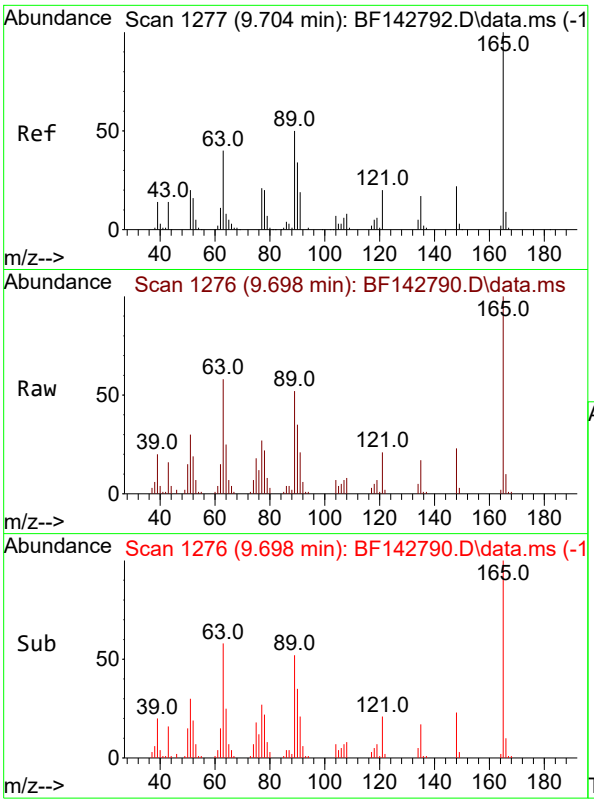


#50
Dimethylphthalate
Concen: 10.058 ng
RT: 9.634 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



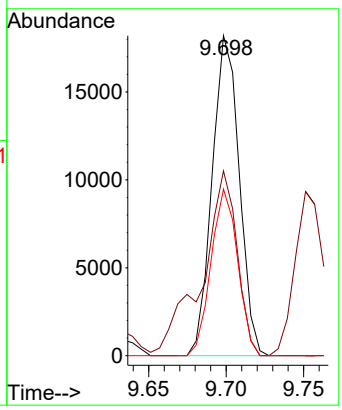


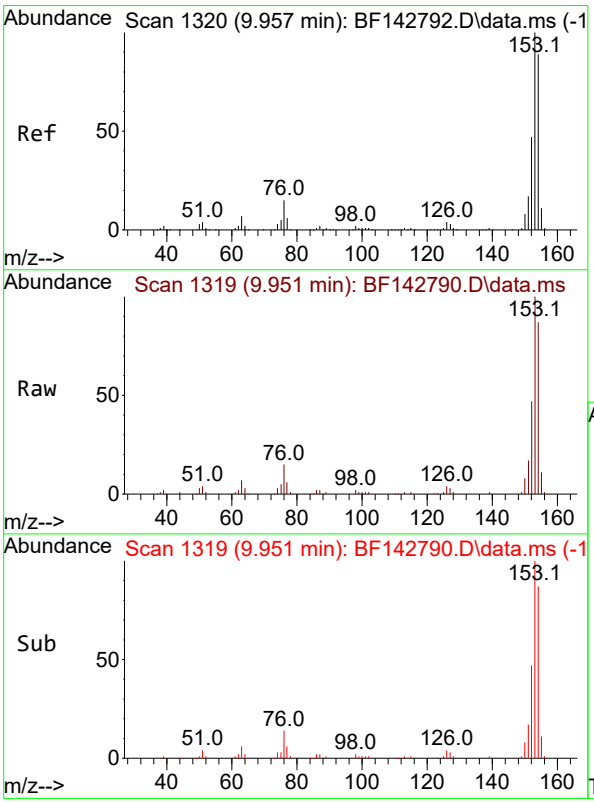
#51
2,6-Dinitrotoluene
Concen: 9.714 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

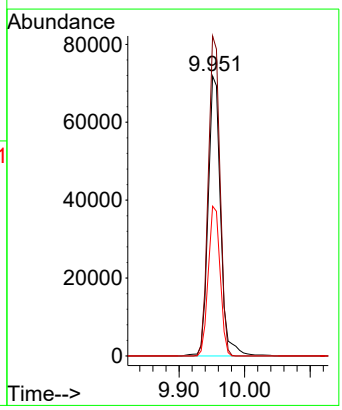


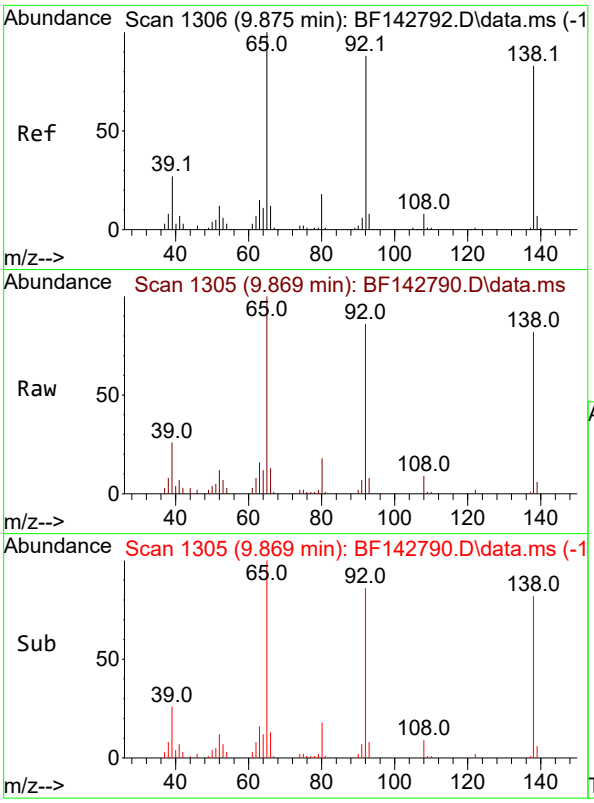


#52
Acenaphthene
Concen: 10.062 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



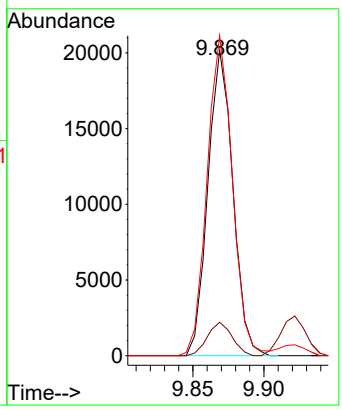


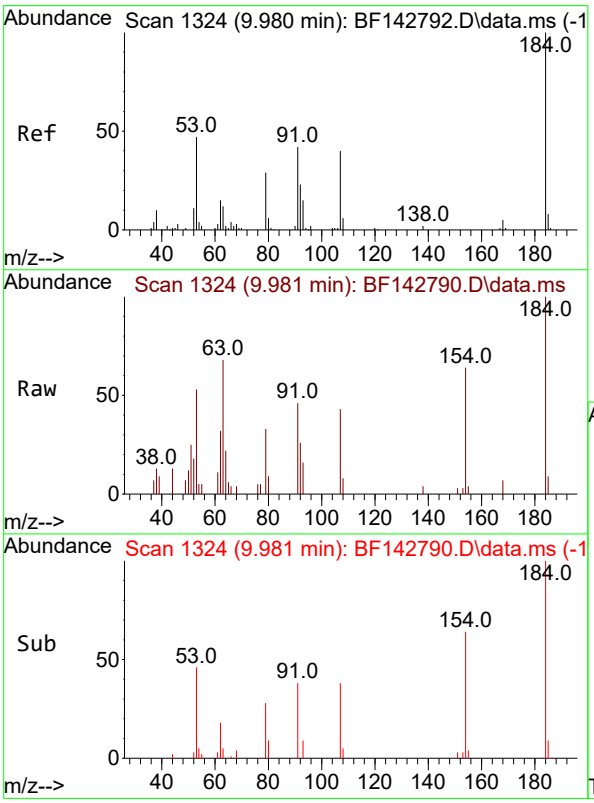
#53
3-Nitroaniline
Concen: 9.968 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

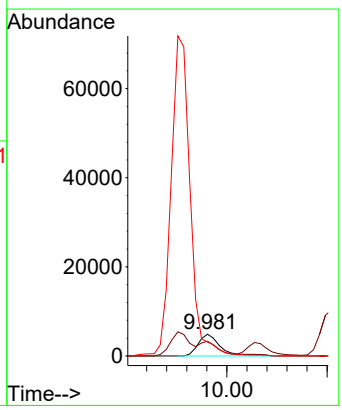


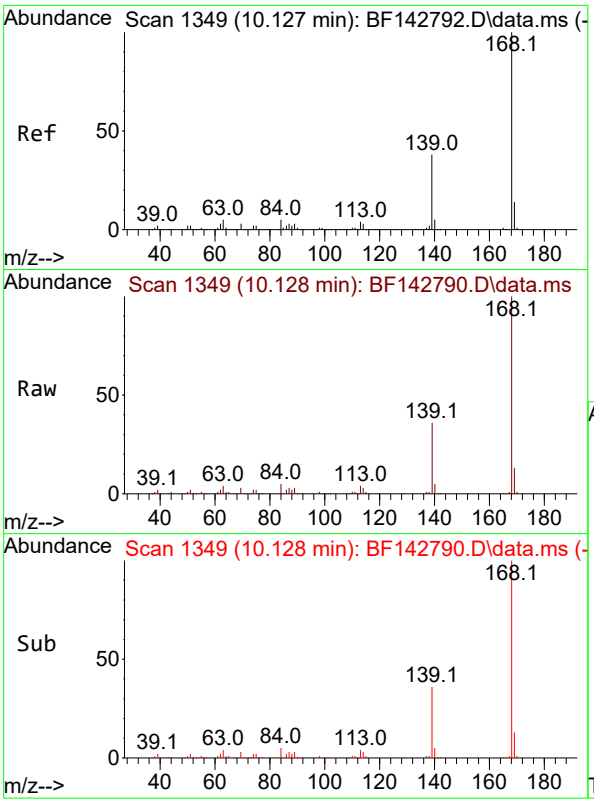


#54
2,4-Dinitrophenol
Concen: 6.104 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



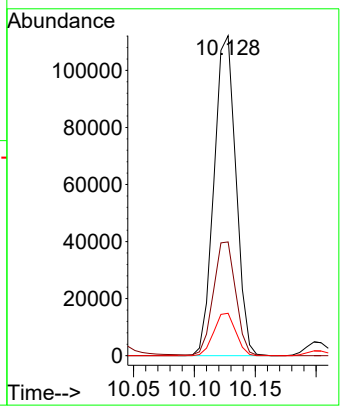


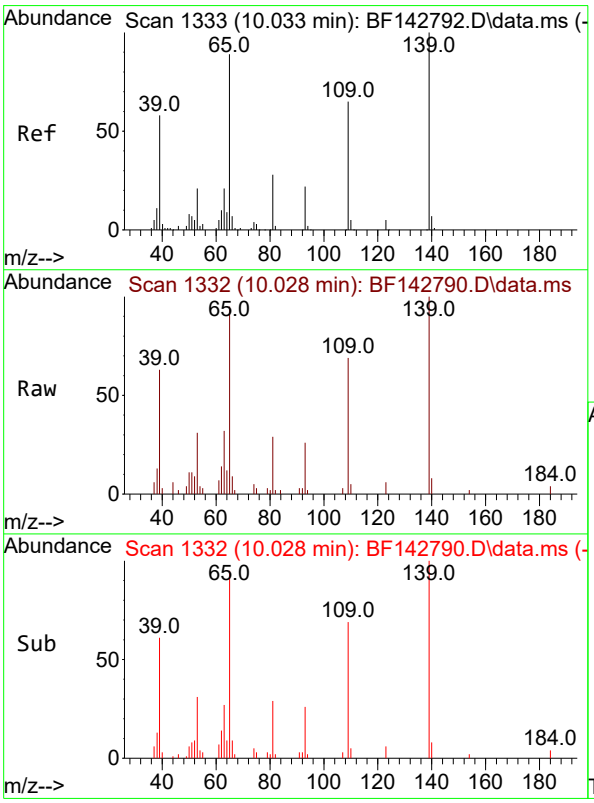
#55
Dibenzofuran
Concen: 10.416 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

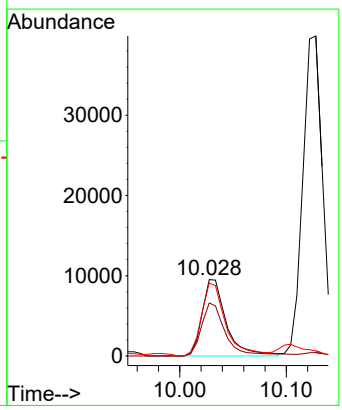


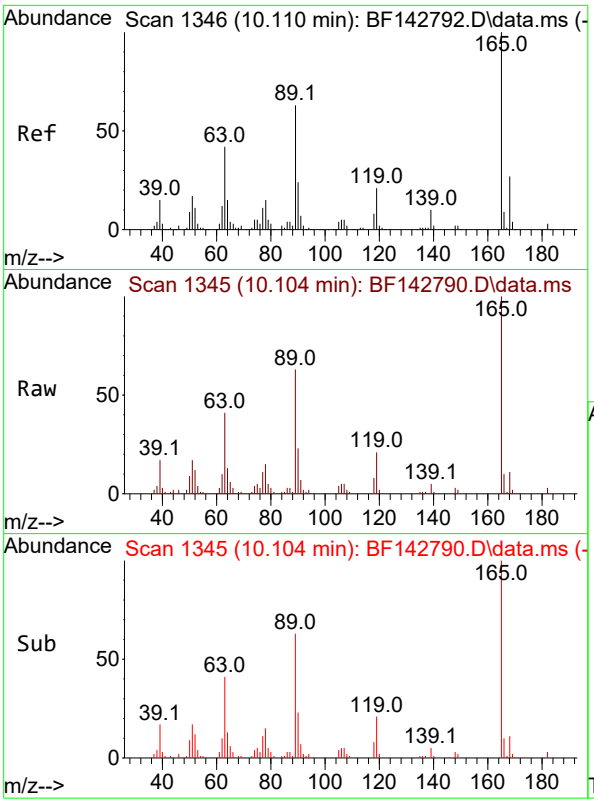


#56
4-Nitrophenol
Concen: 8.927 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



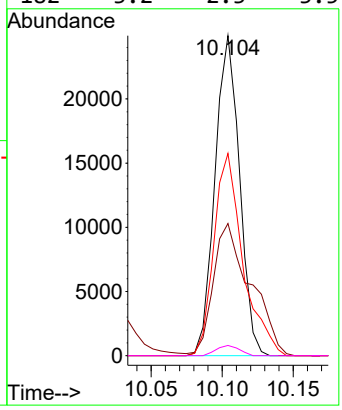


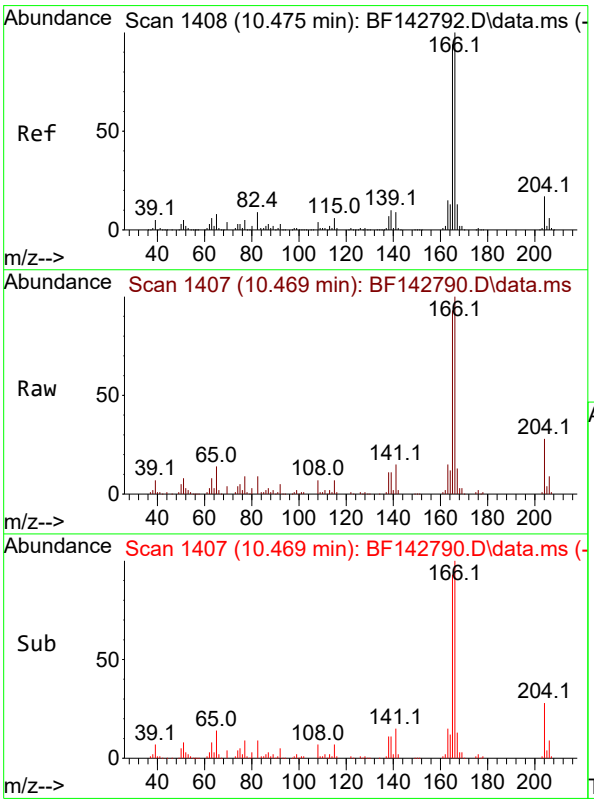
#57
2,4-Dinitrotoluene
Concen: 9.943 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

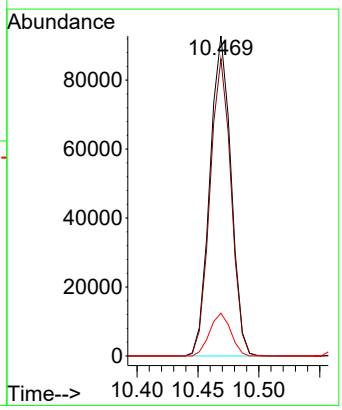


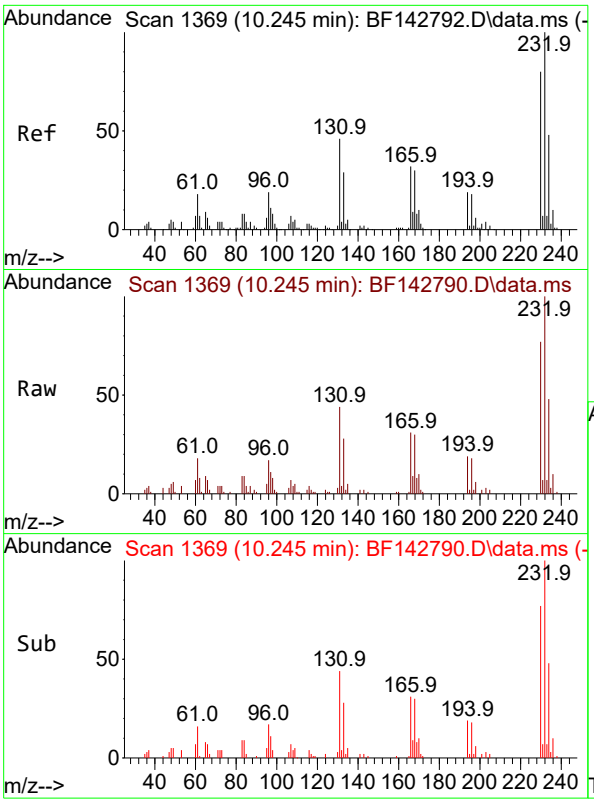


#58
Fluorene
Concen: 10.518 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



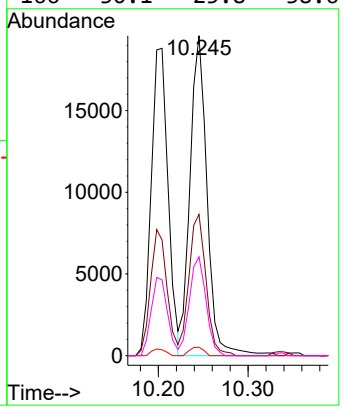


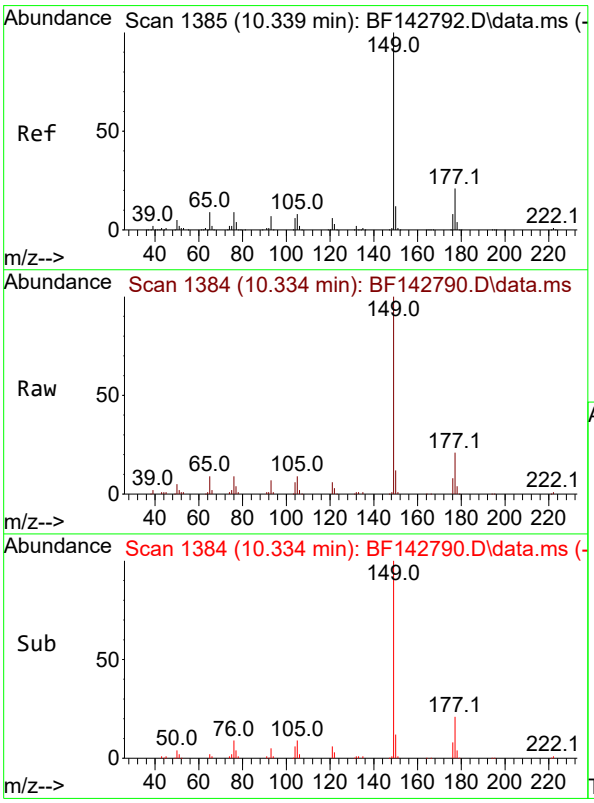
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.666 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

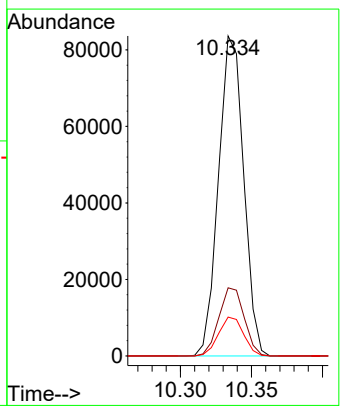


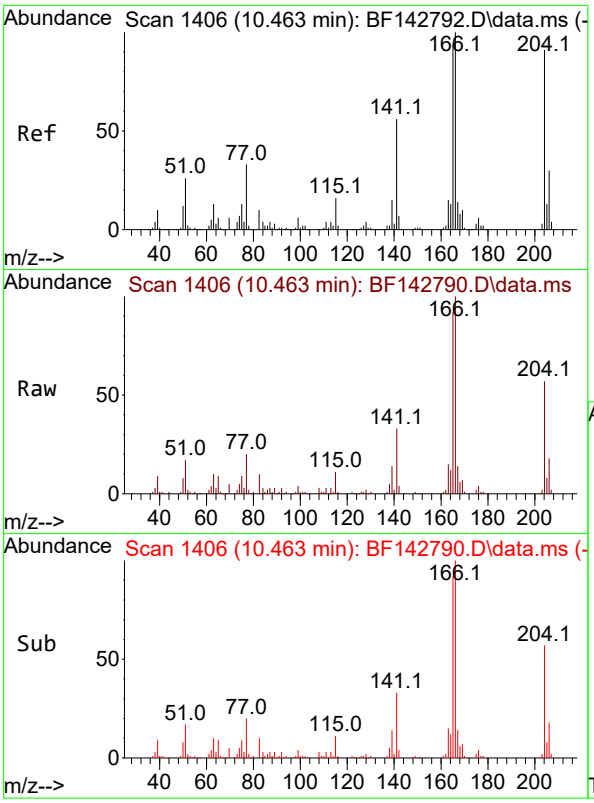


#60
Diethylphthalate
Concen: 9.877 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



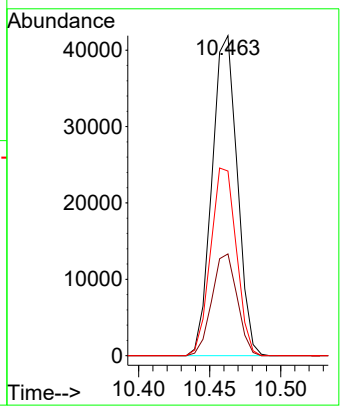


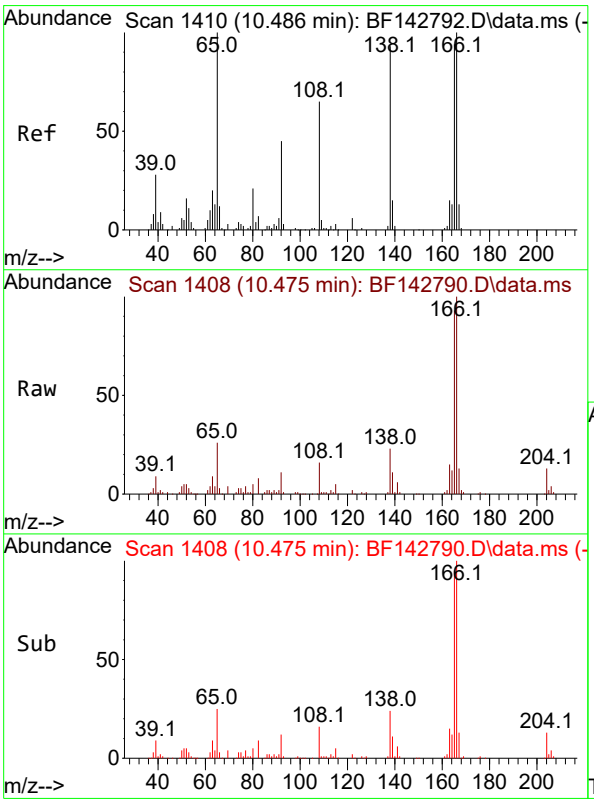
#61
4-Chlorophenyl-phenylether
Concen: 10.067 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

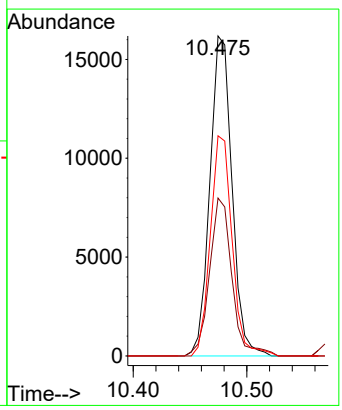


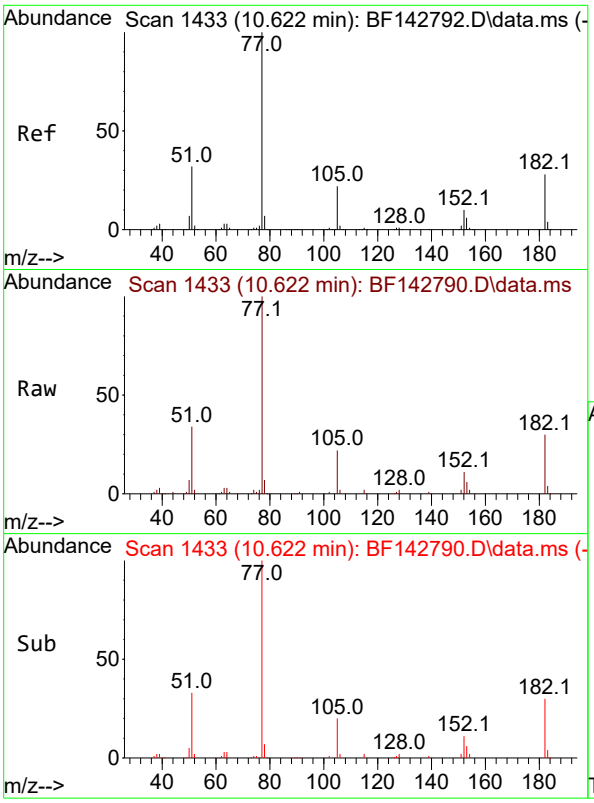


#62
4-Nitroaniline
Concen: 9.854 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



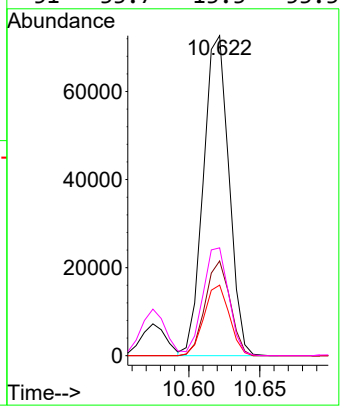


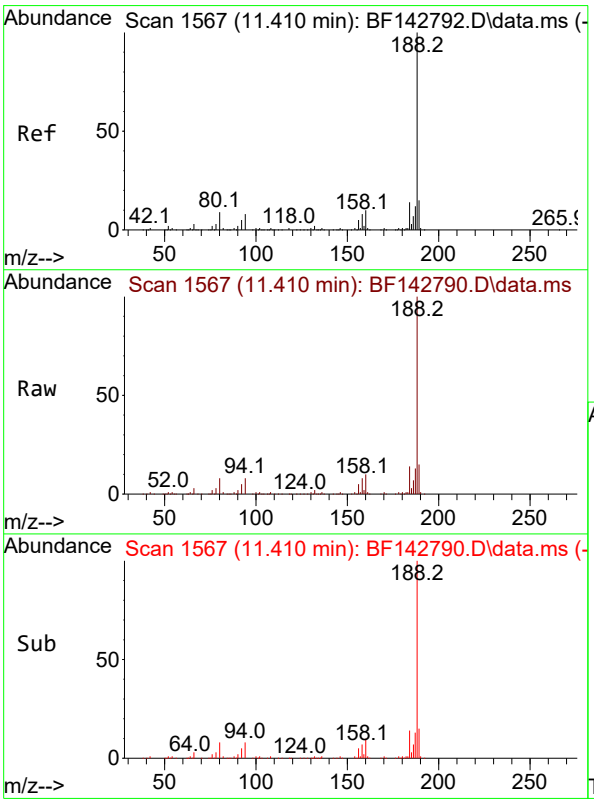
#63
Azobenzene
Concen: 9.977 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

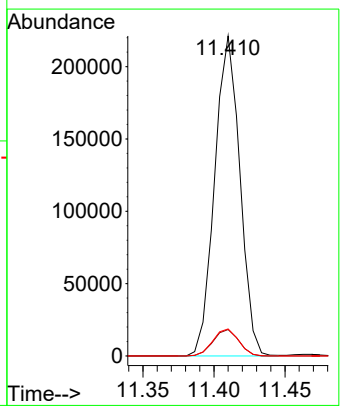


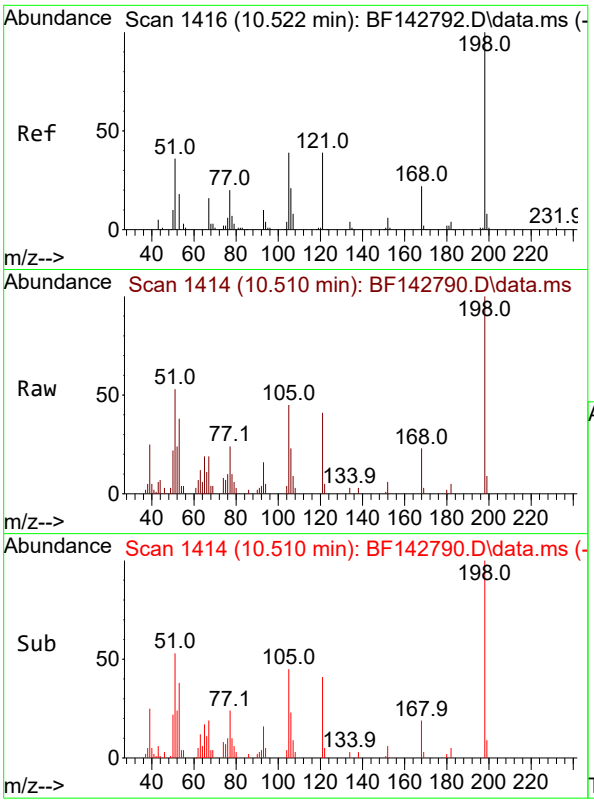


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



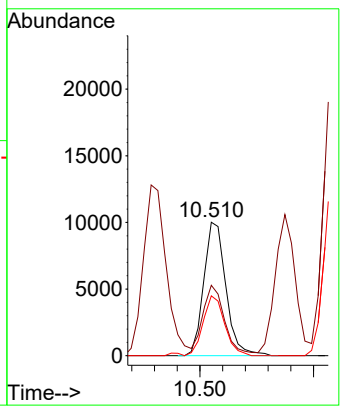


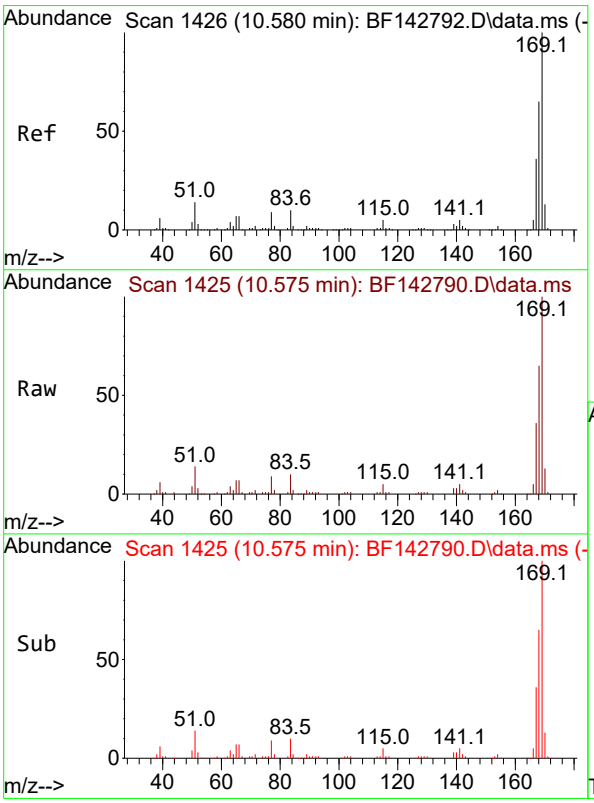
#65
4,6-Dinitro-2-methylphenol
Concen: 7.982 ng
RT: 10.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

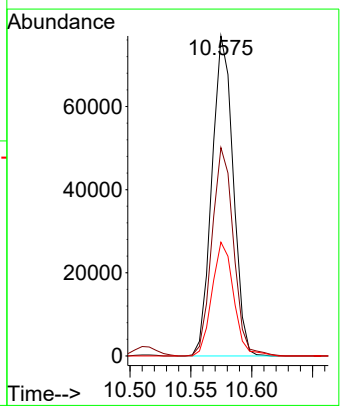


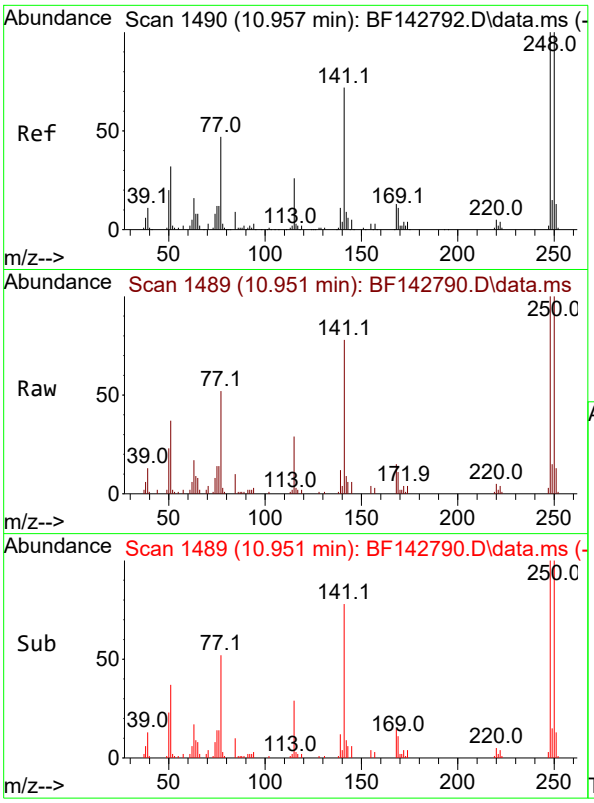


#66
n-Nitrosodiphenylamine
Concen: 9.978 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



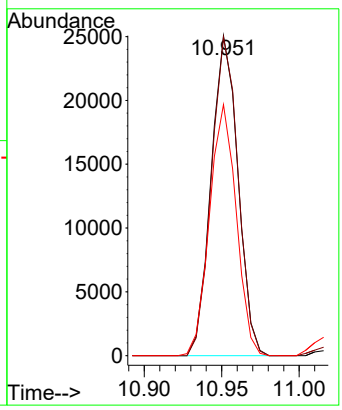


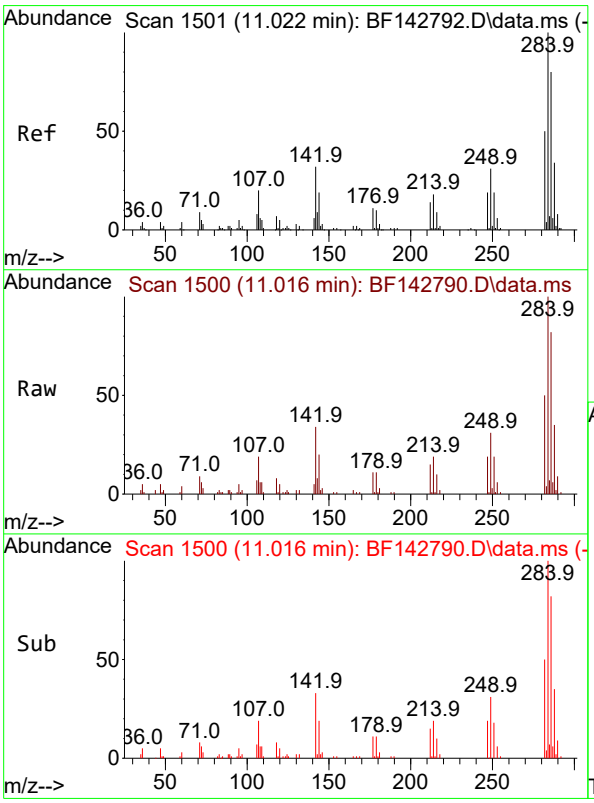
#67
4-Bromophenyl-phenylether
Concen: 9.425 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

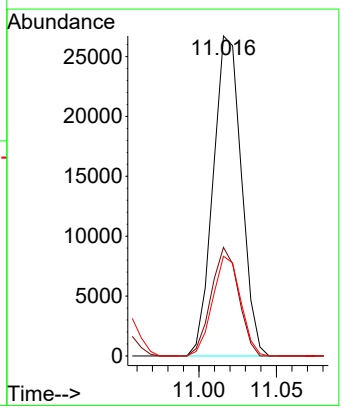


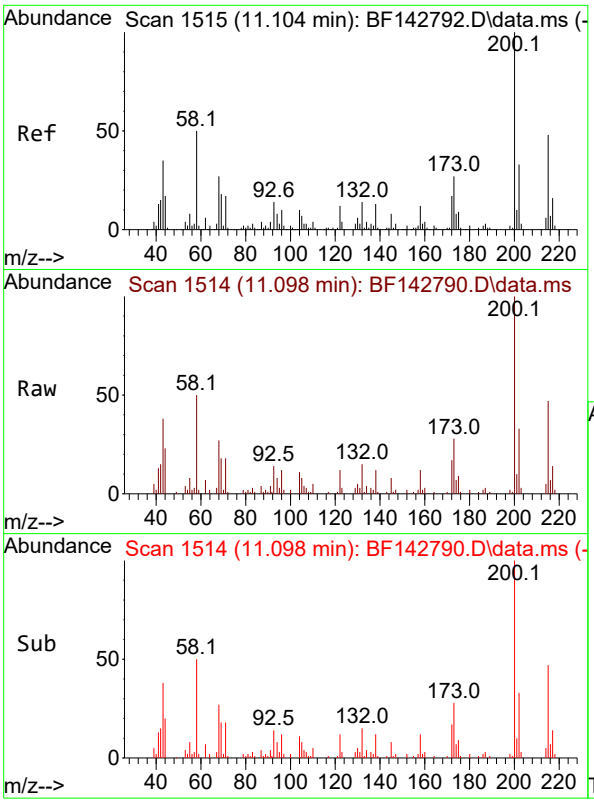


#68
Hexachlorobenzene
Concen: 9.530 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



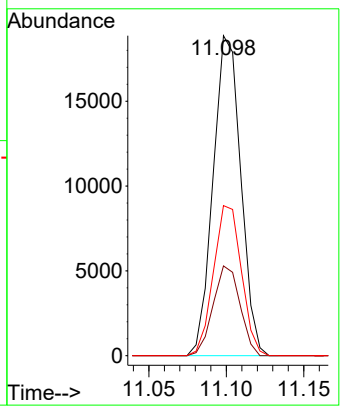


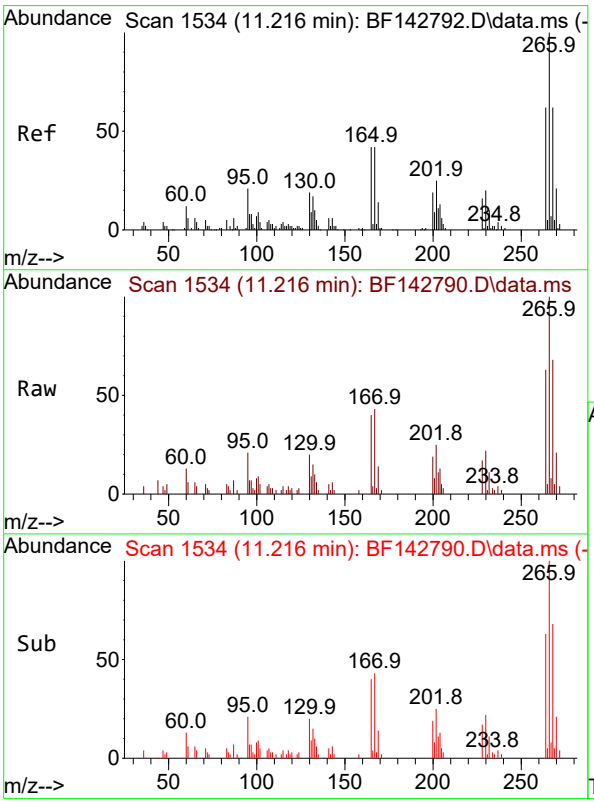
#69
Atrazine
Concen: 9.401 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

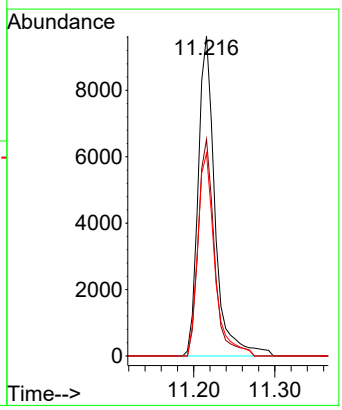


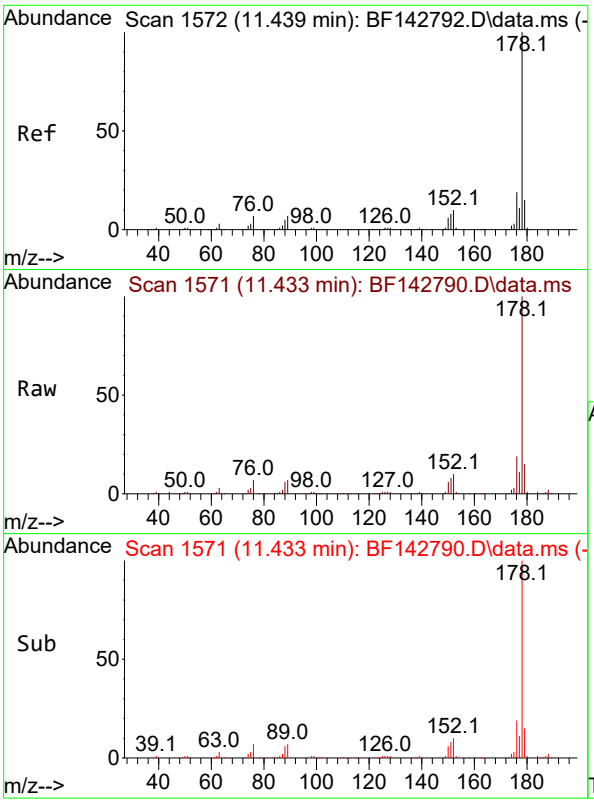


#70
Pentachlorophenol
Concen: 7.534 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



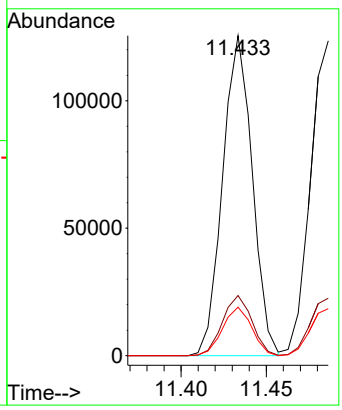


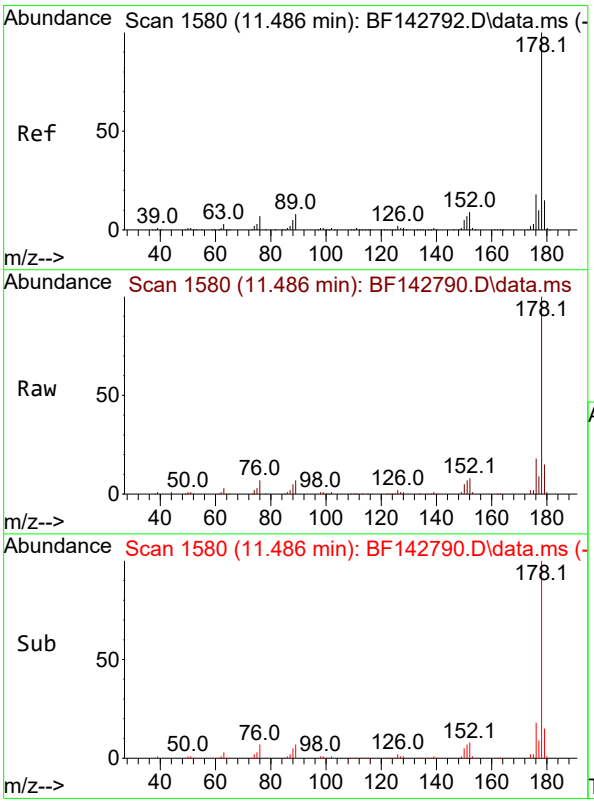
#71
Phenanthrene
Concen: 10.396 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

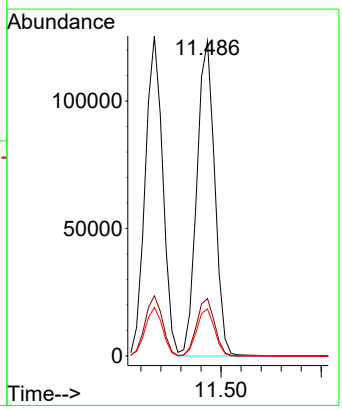


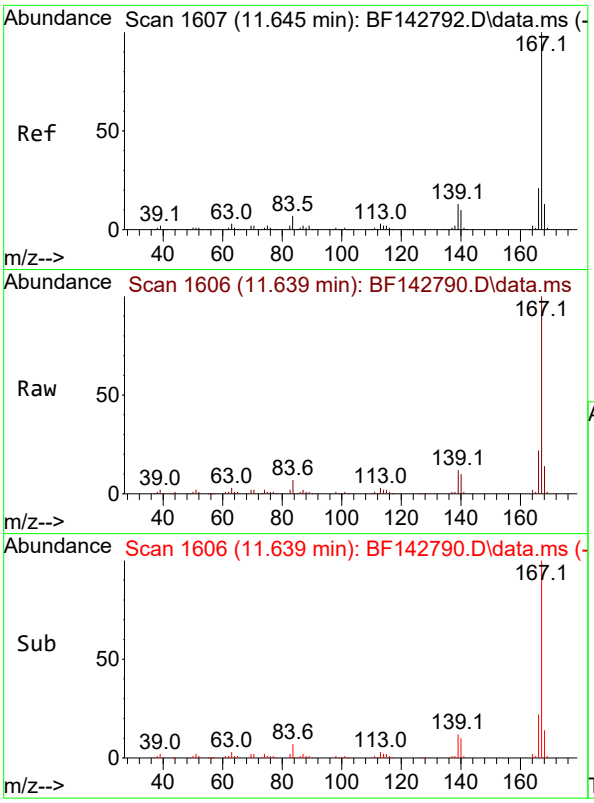


#72
Anthracene
Concen: 10.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



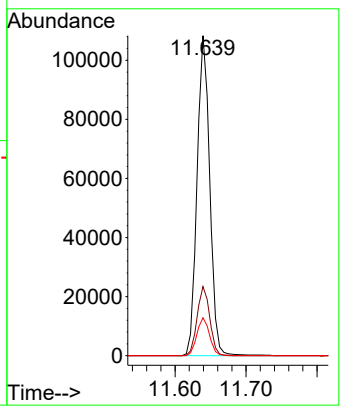


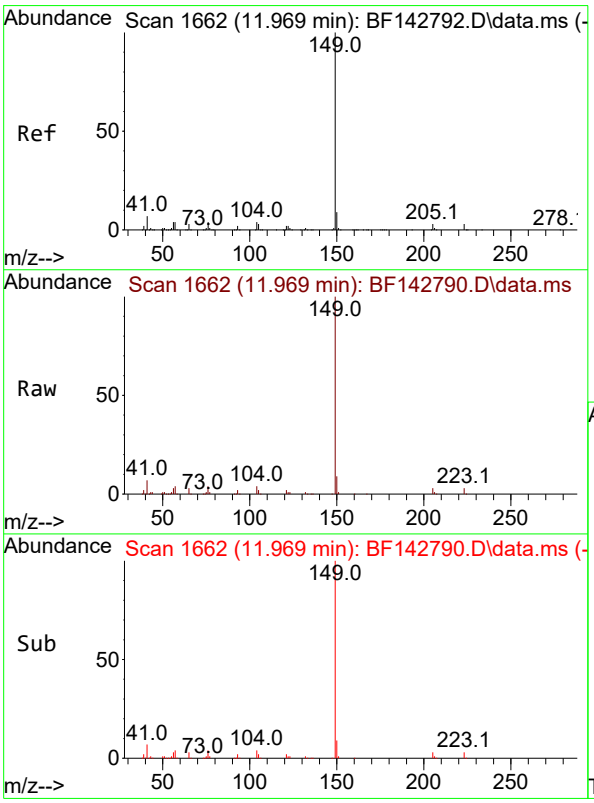
#73
Carbazole
Concen: 10.625 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

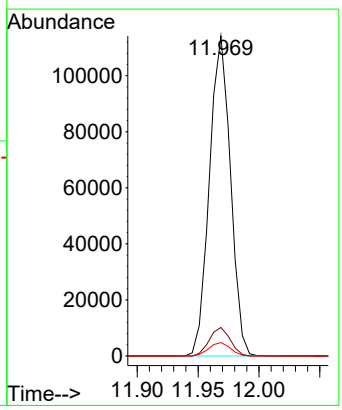


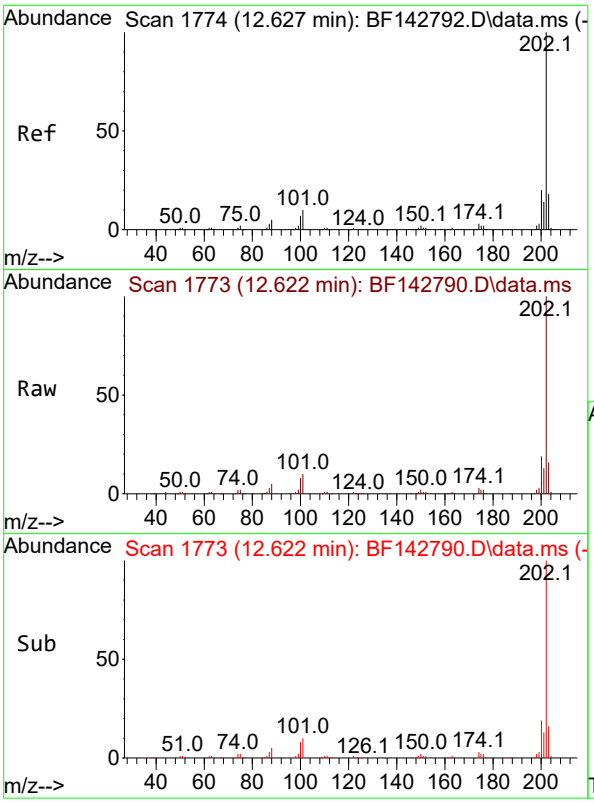


#74
Di-n-butylphthalate
Concen: 9.784 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



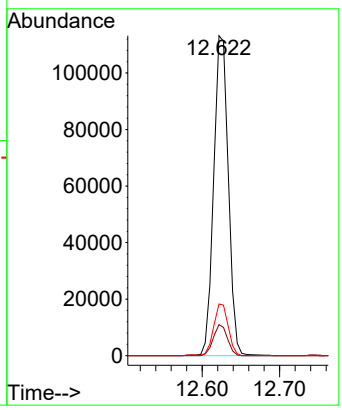


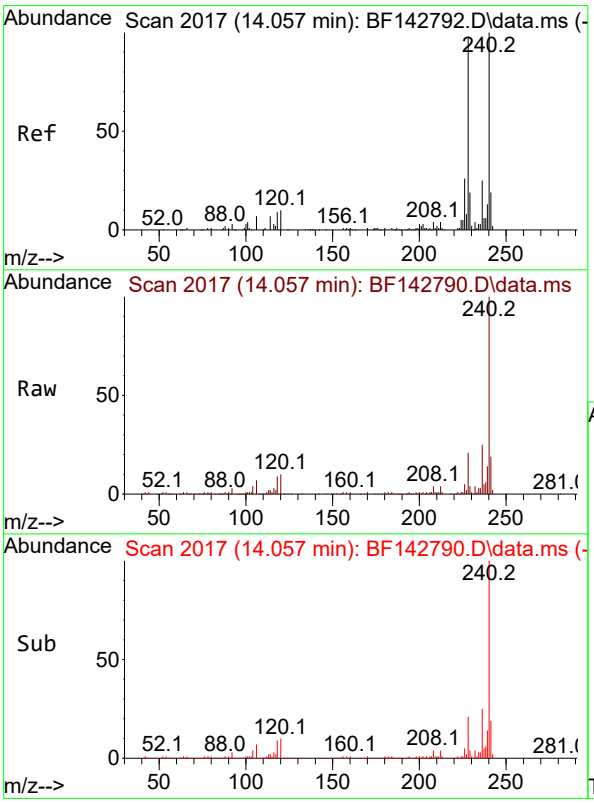
#75
Fluoranthene
Concen: 10.693 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

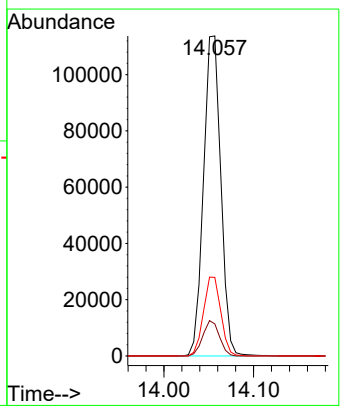


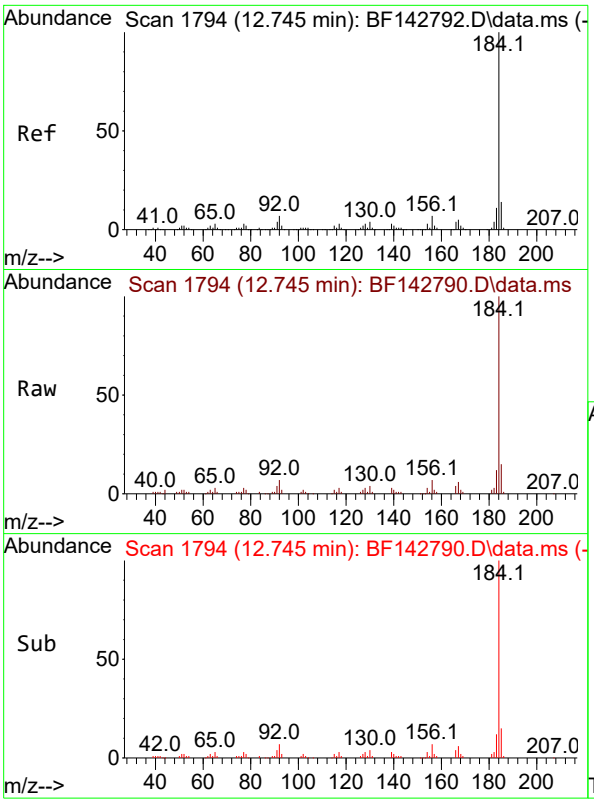


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



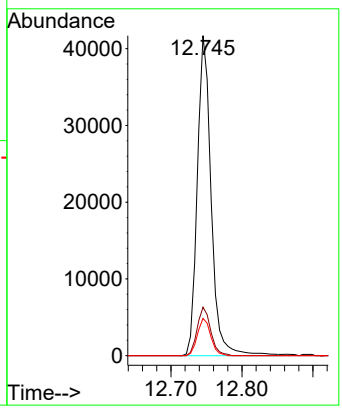


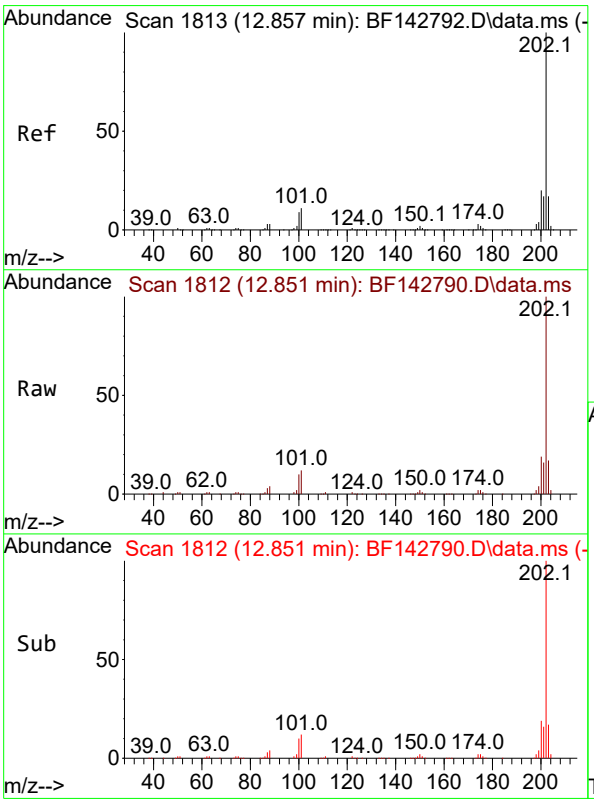
#77
Benzidine
Concen: 10.524 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

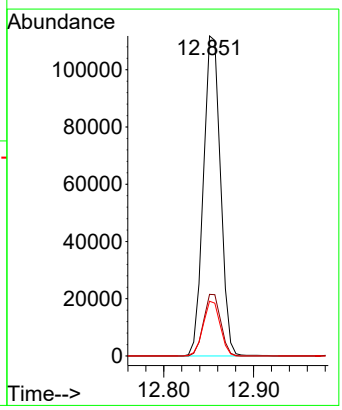


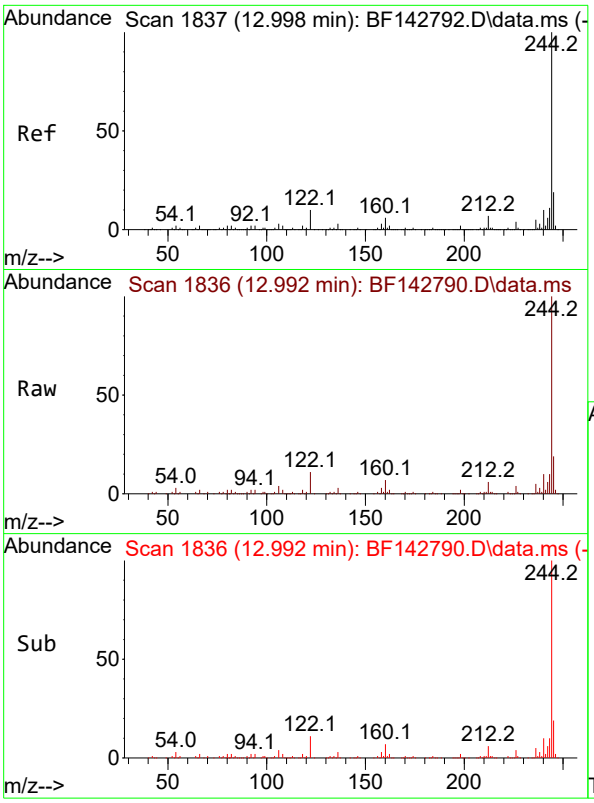


#78
Pyrene
Concen: 10.553 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



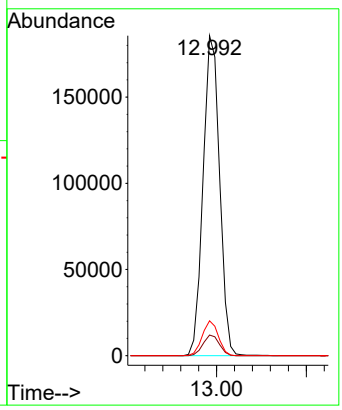


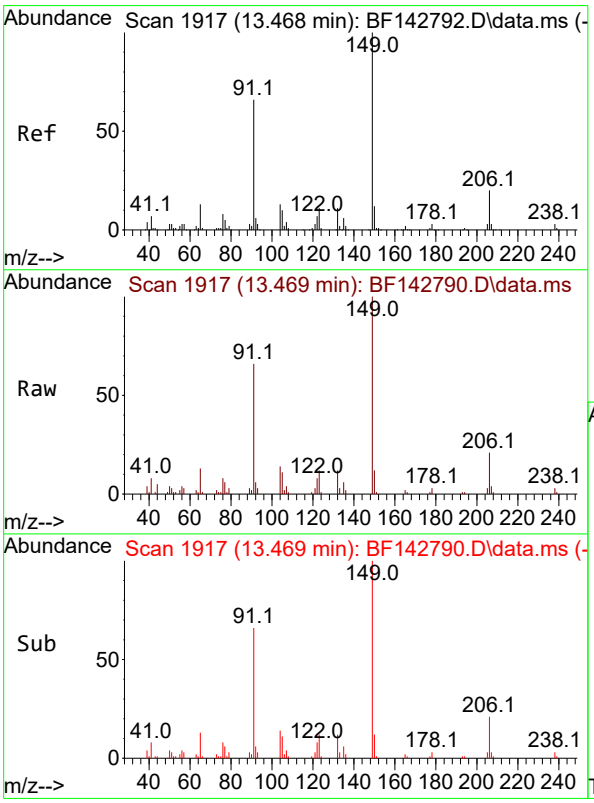
#79
Terphenyl-d14
Concen: 21.651 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

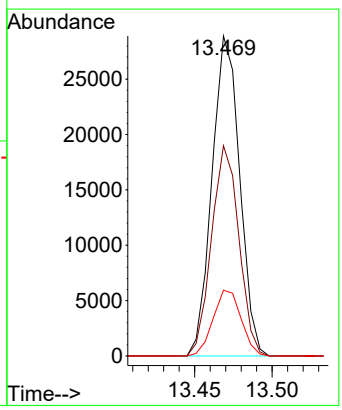


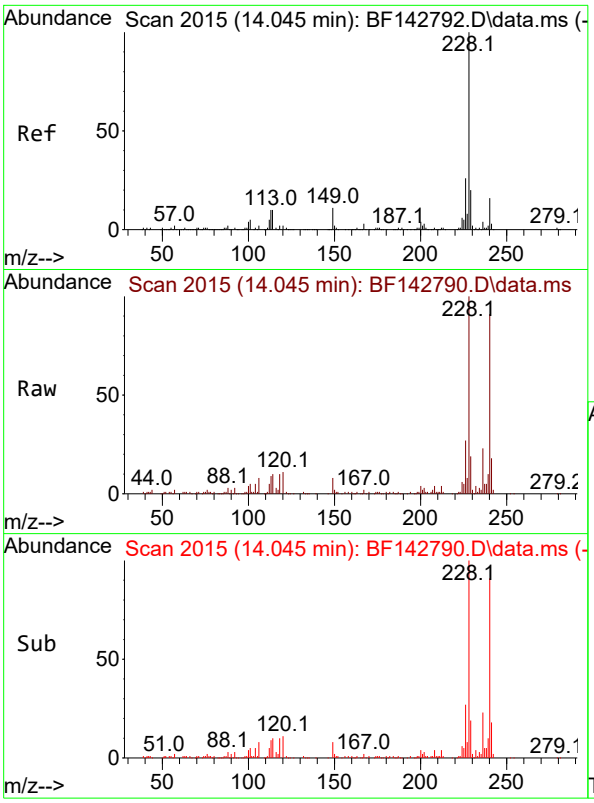


#80
Butylbenzylphthalate
Concen: 8.635 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



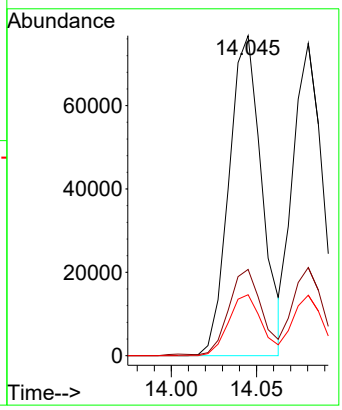


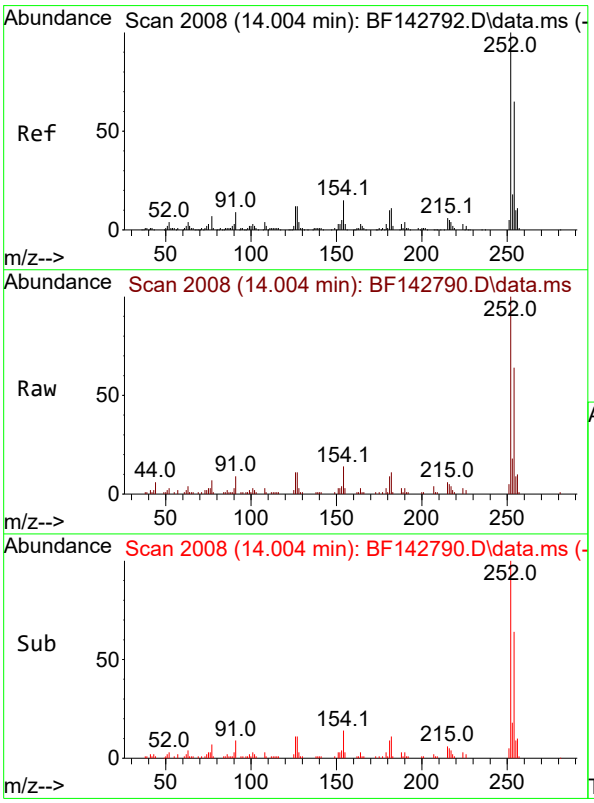
#81
Benzo(a)anthracene
Concen: 10.345 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

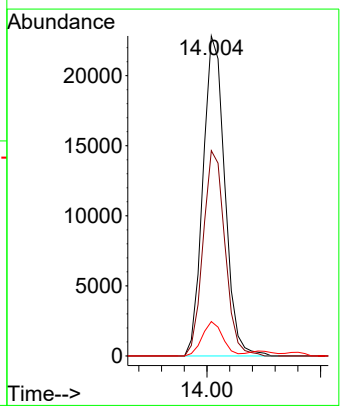


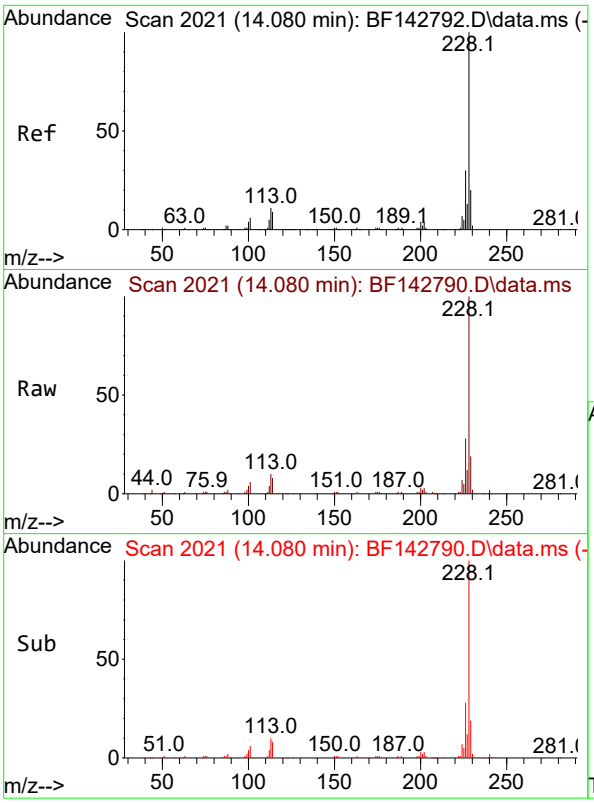


#82
3,3'-Dichlorobenzidine
Concen: 9.368 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



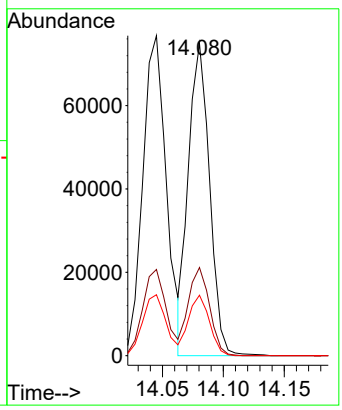


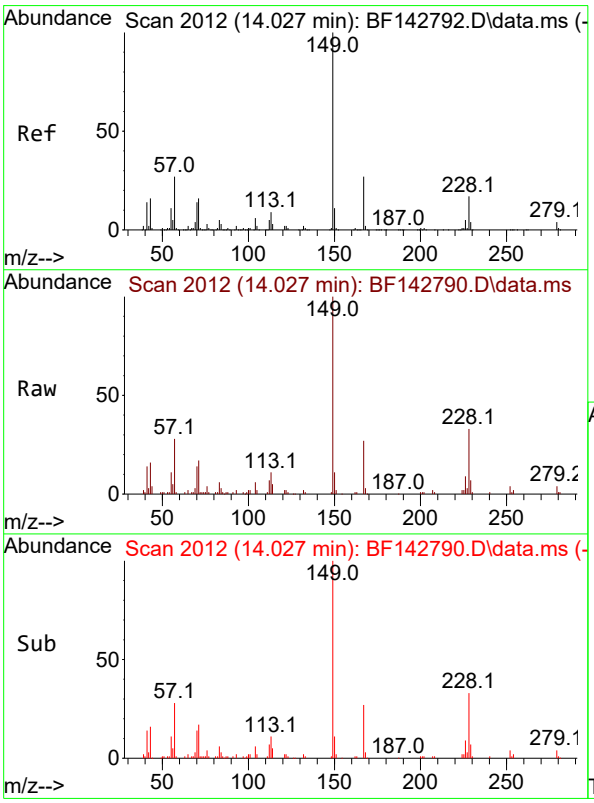
#83
Chrysene
Concen: 9.741 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

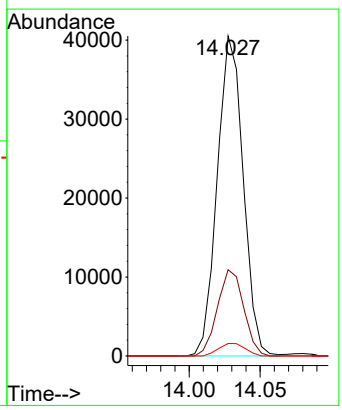


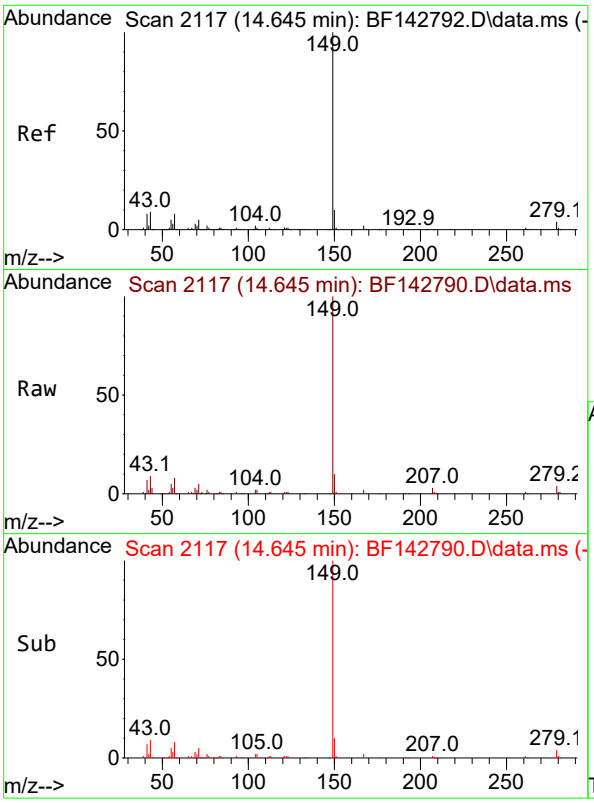


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.316 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



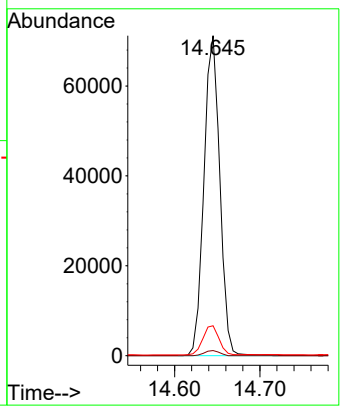


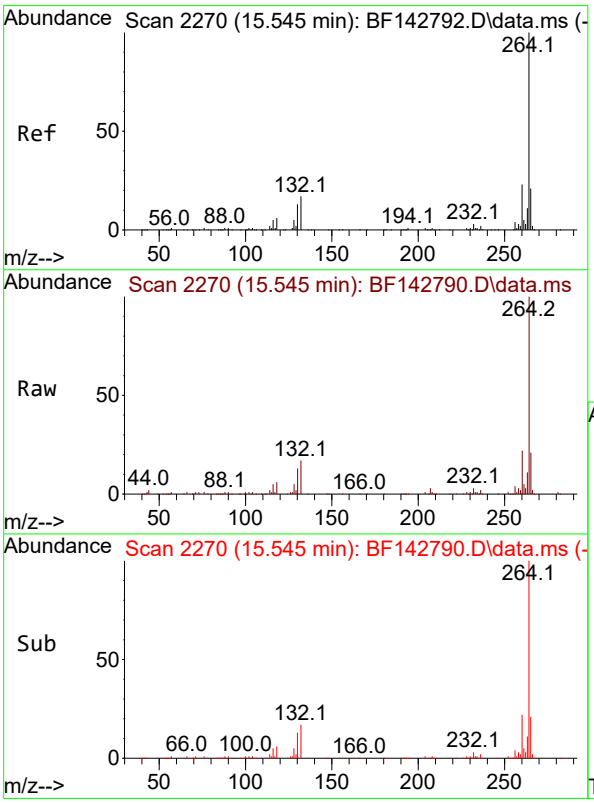
#85
Di-n-octyl phthalate
Concen: 7.805 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

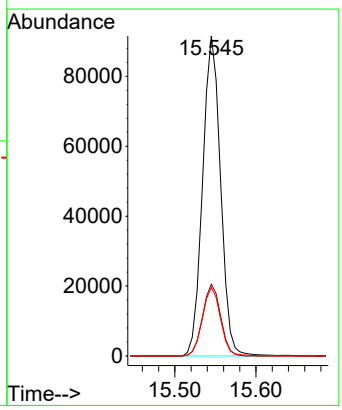


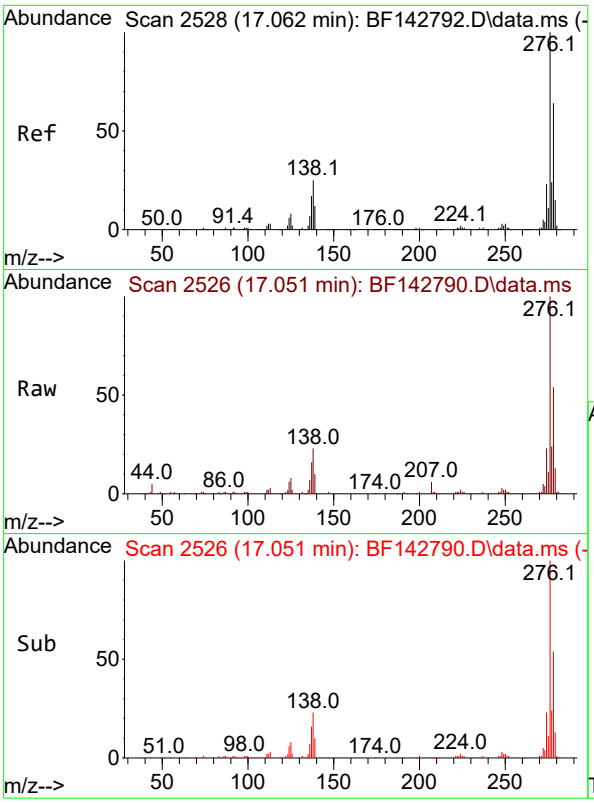


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



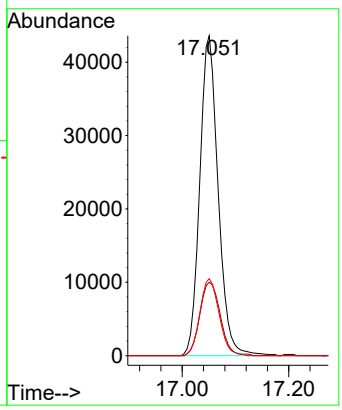


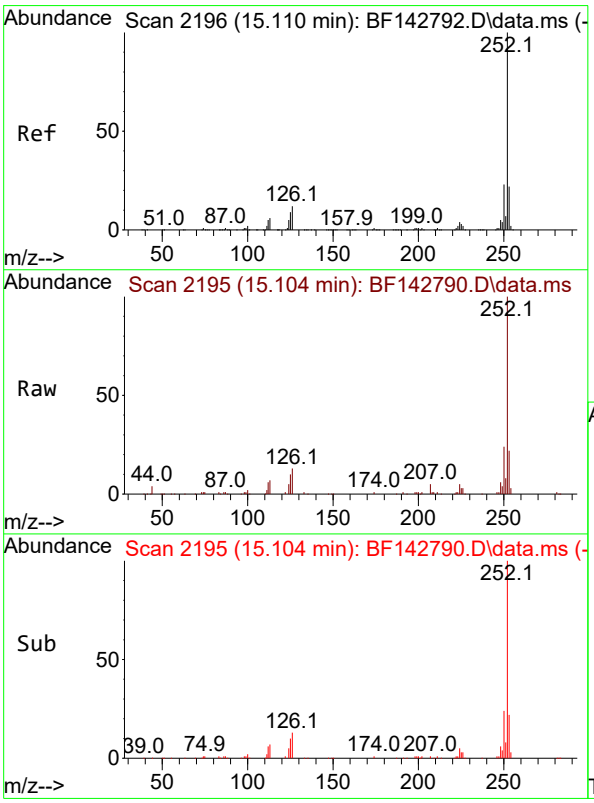
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.061 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

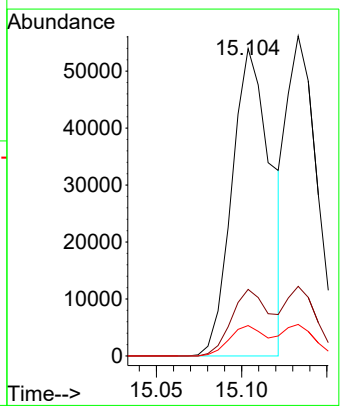


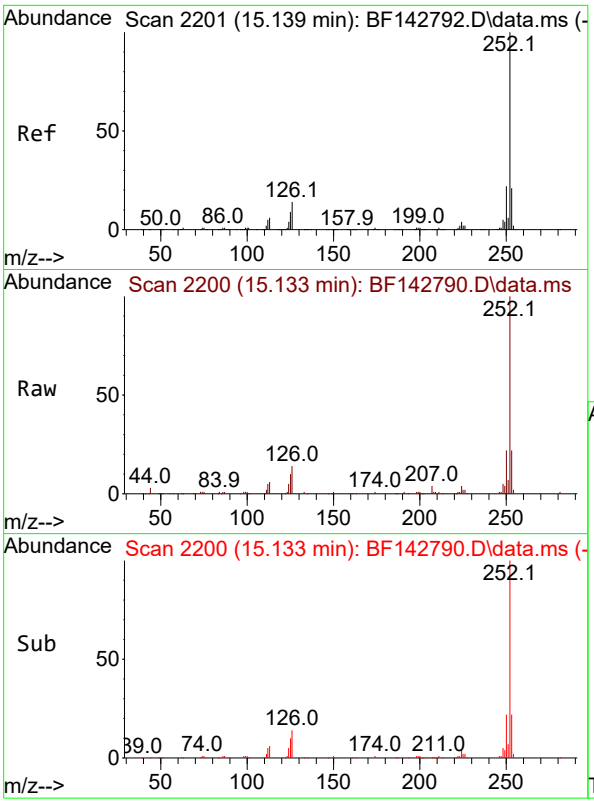


#88
Benzo(b)fluoranthene
Concen: 10.478 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



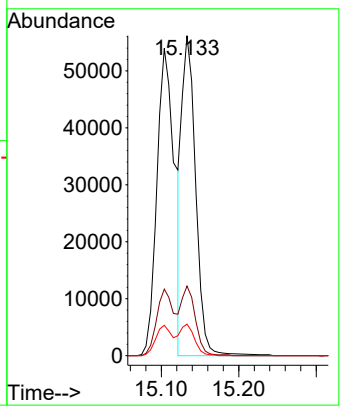


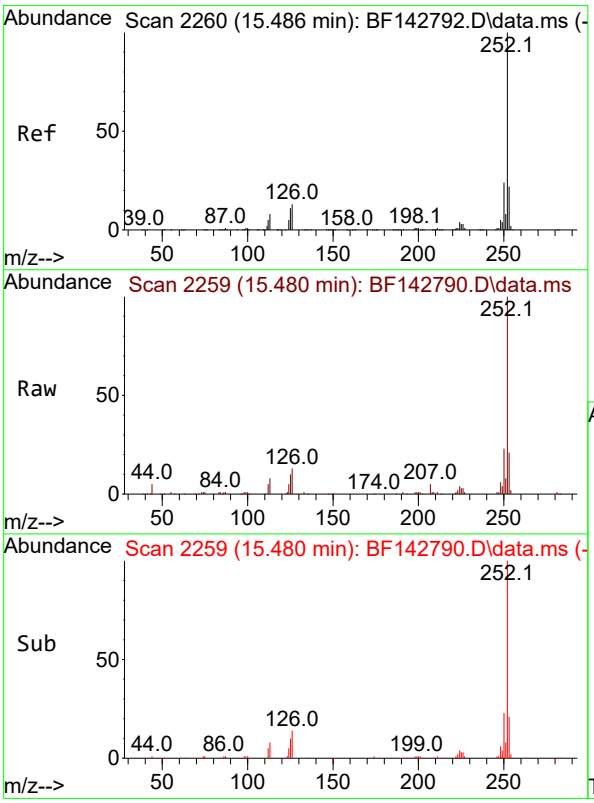
#89
Benzo(k)fluoranthene
Concen: 8.828 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

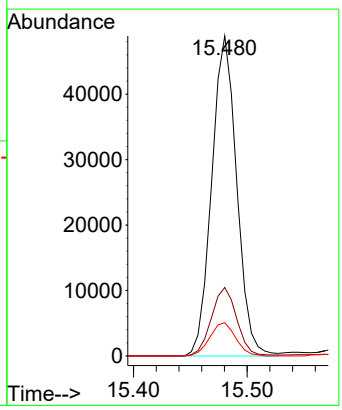


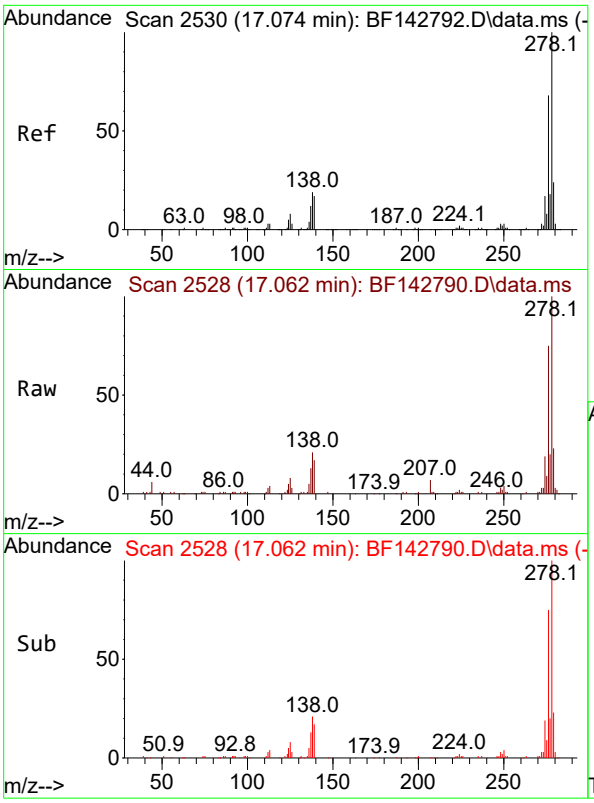


#90
Benzo(a)pyrene
Concen: 9.558 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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



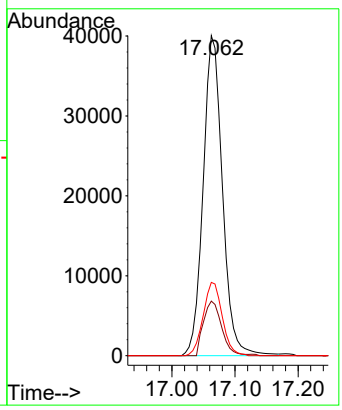


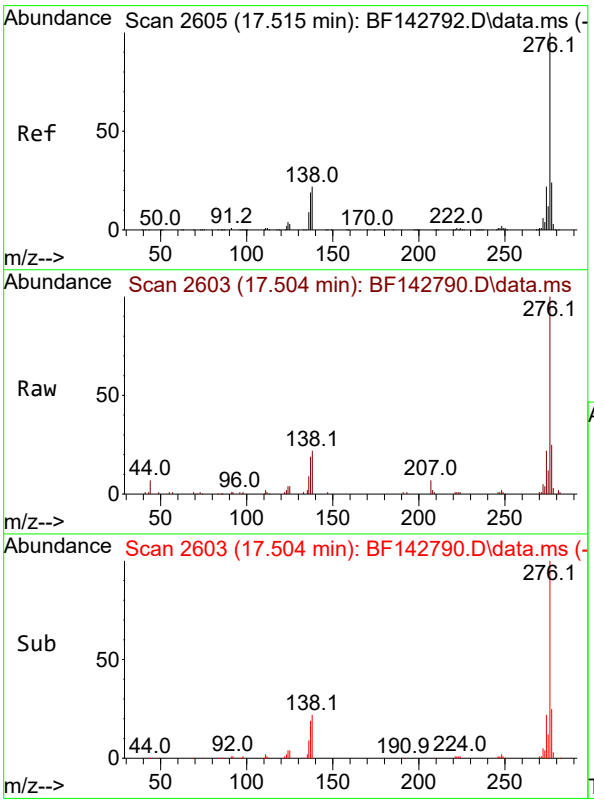
#91
Dibenzo(a,h)anthracene
Concen: 10.099 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

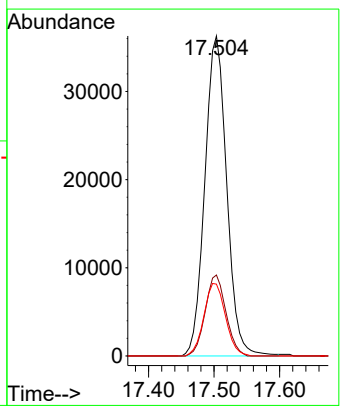




#92
Benzo(g,h,i)perylene
Concen: 9.989 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142790.D
Acq: 19 Jun 2025 18:08

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

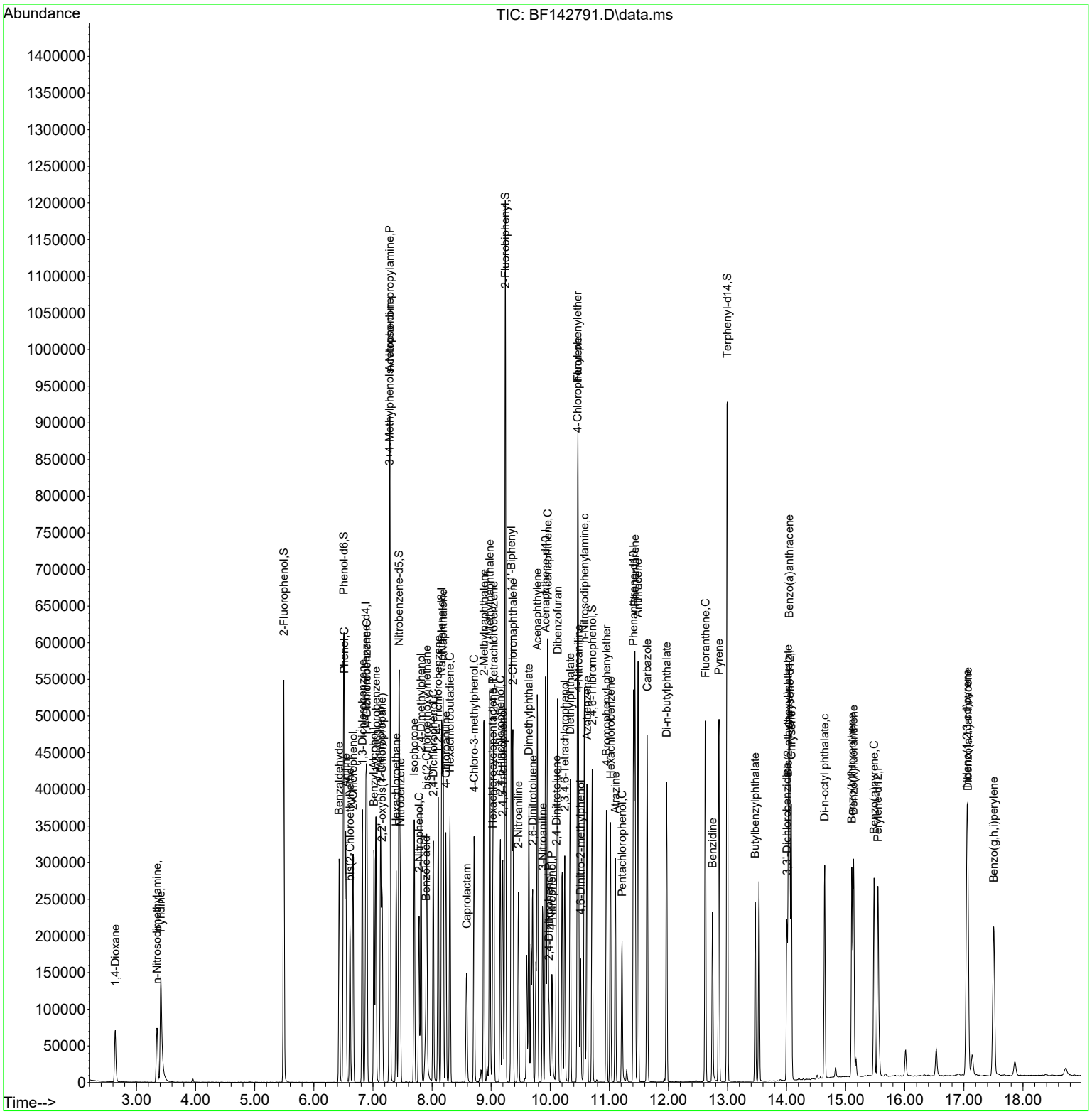
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	69275	20.862	ng	98
46) 1,1'-Biphenyl	9.340	154	269396	21.078	ng	100
47) 2-Chloronaphthalene	9.369	162	198874	21.087	ng	99
48) 2-Nitroaniline	9.463	65	55412	20.681	ng	96
49) Acenaphthylene	9.781	152	331018	20.878	ng	99
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

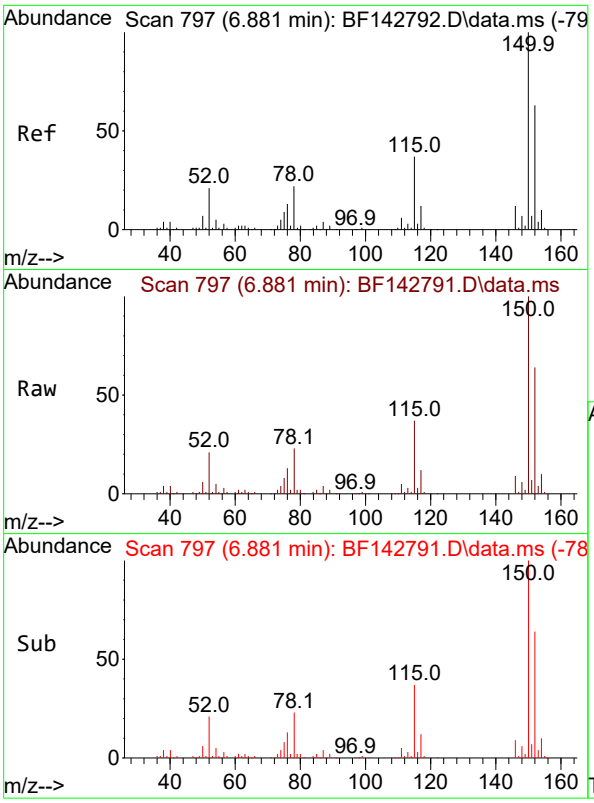
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



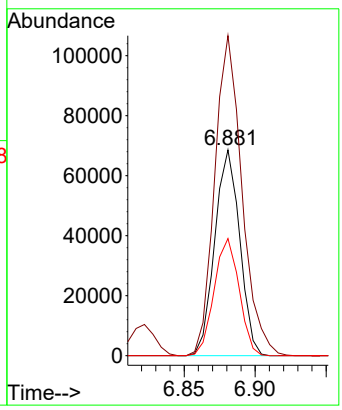


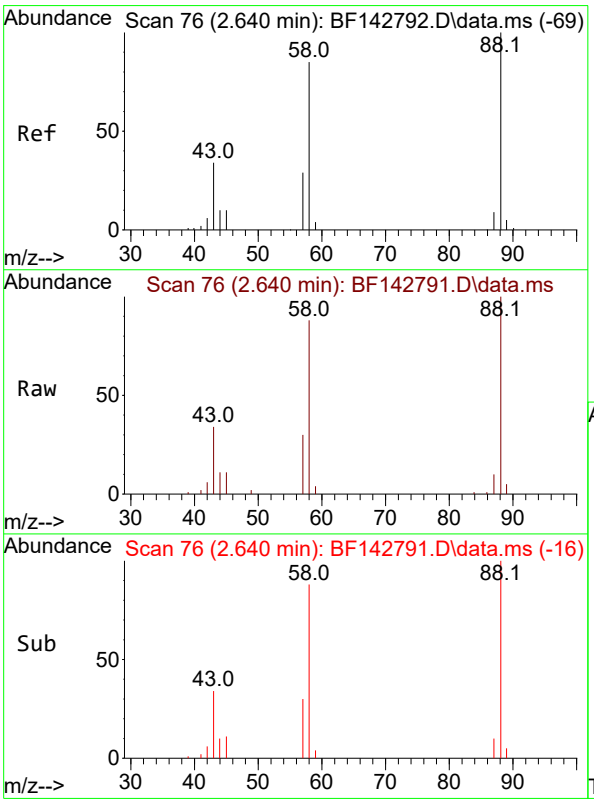
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

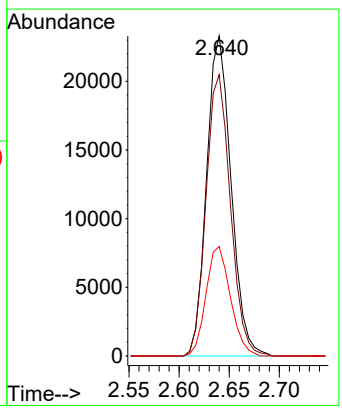


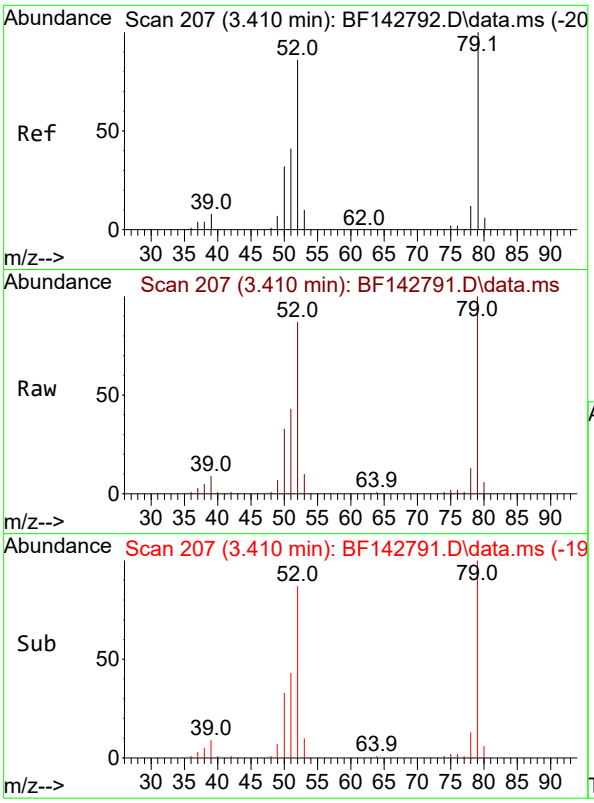


#2
1,4-Dioxane
Concen: 20.232 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



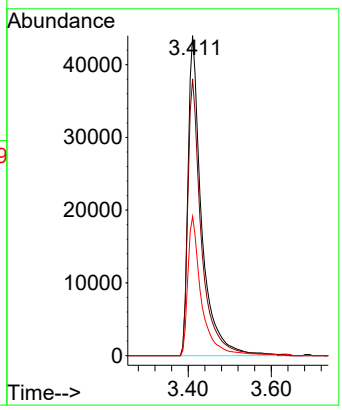


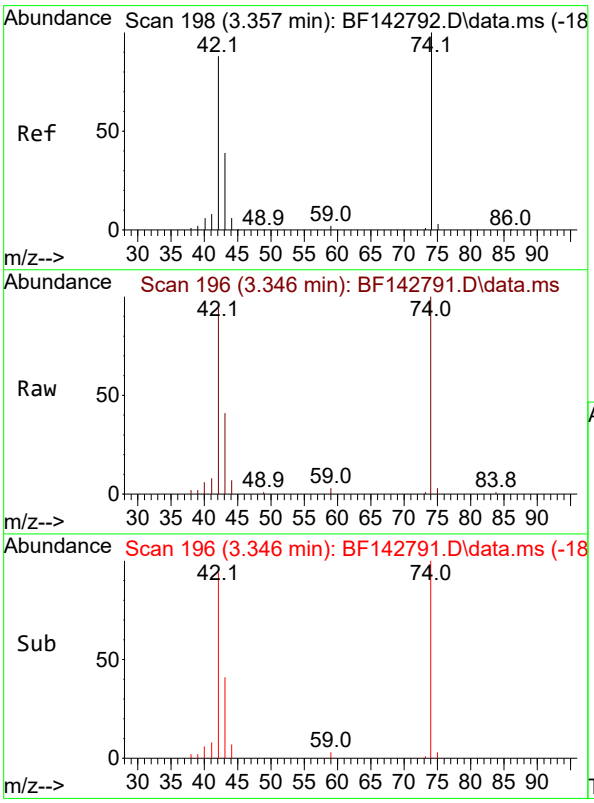
#3
Pyridine
Concen: 20.419 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

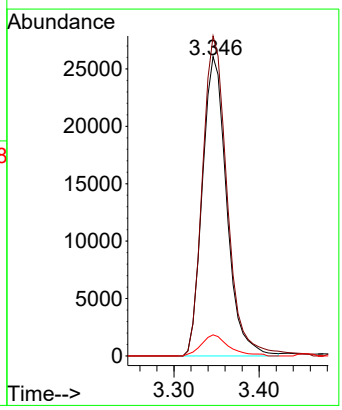


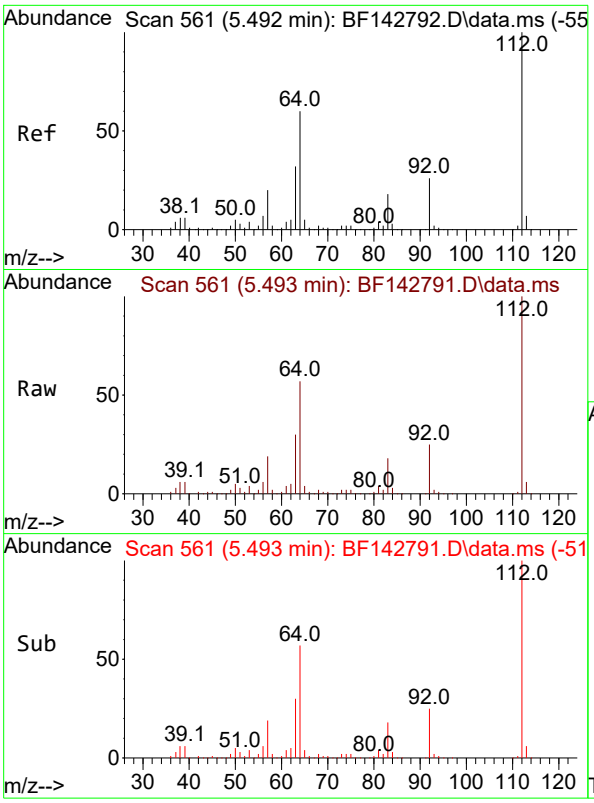


#4
n-Nitrosodimethylamine
Concen: 20.677 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



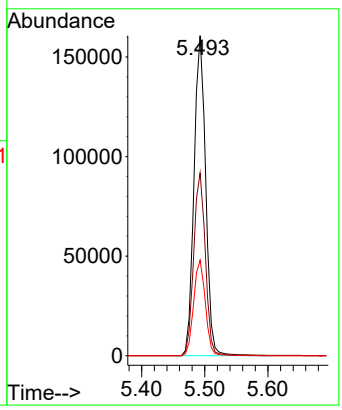


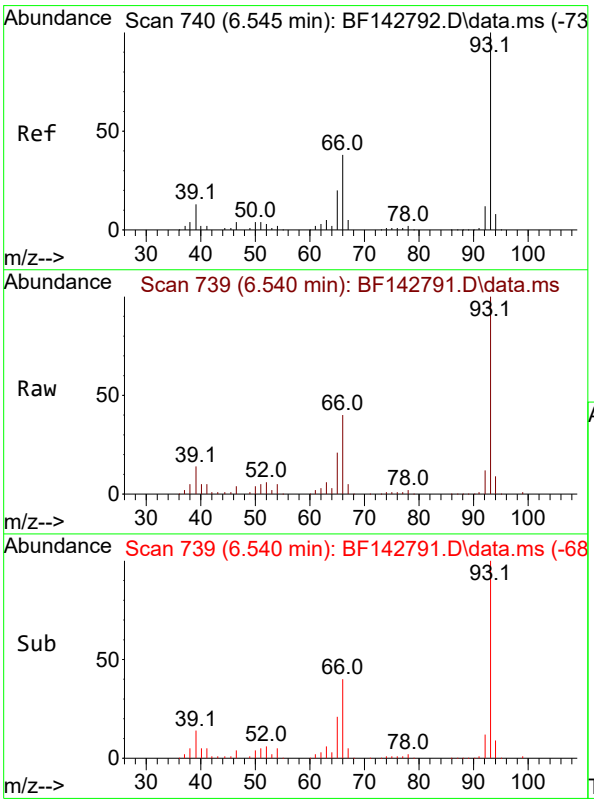
#5
2-Fluorophenol
Concen: 41.963 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

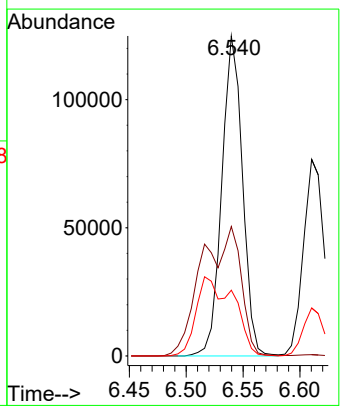


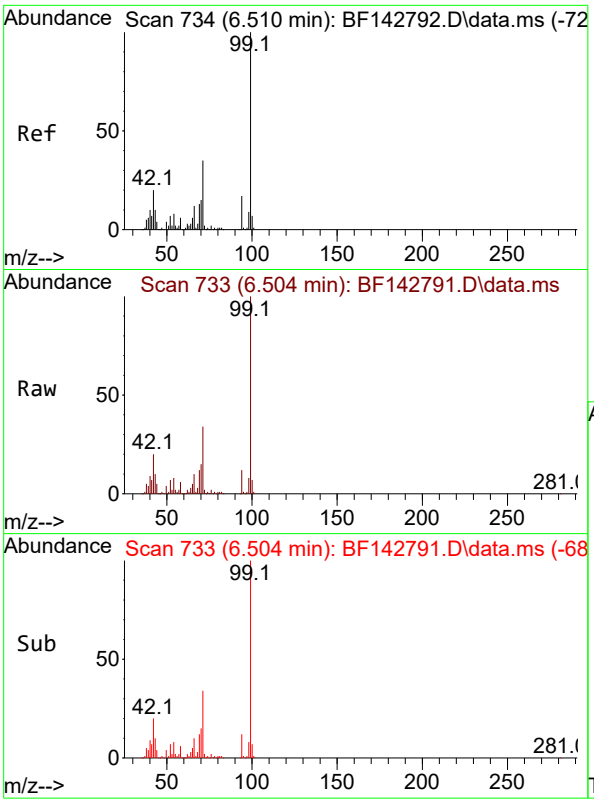


#6
Aniline
Concen: 20.499 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



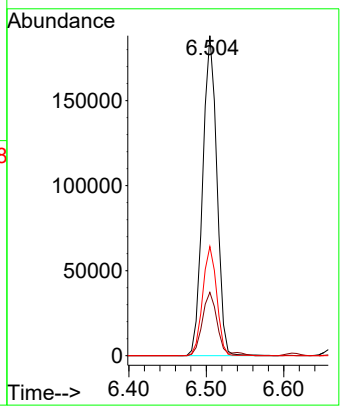


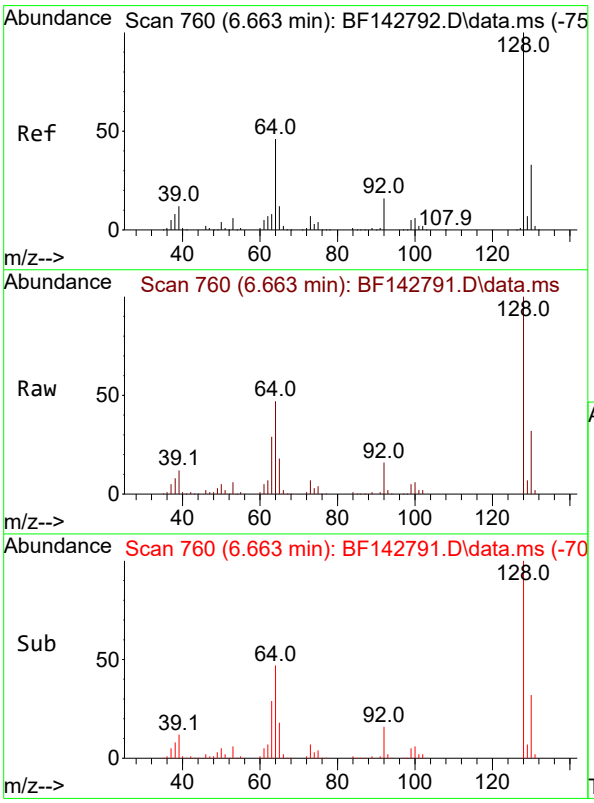
#7
Phenol-d6
Concen: 41.338 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

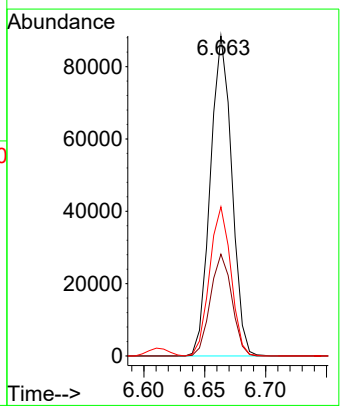


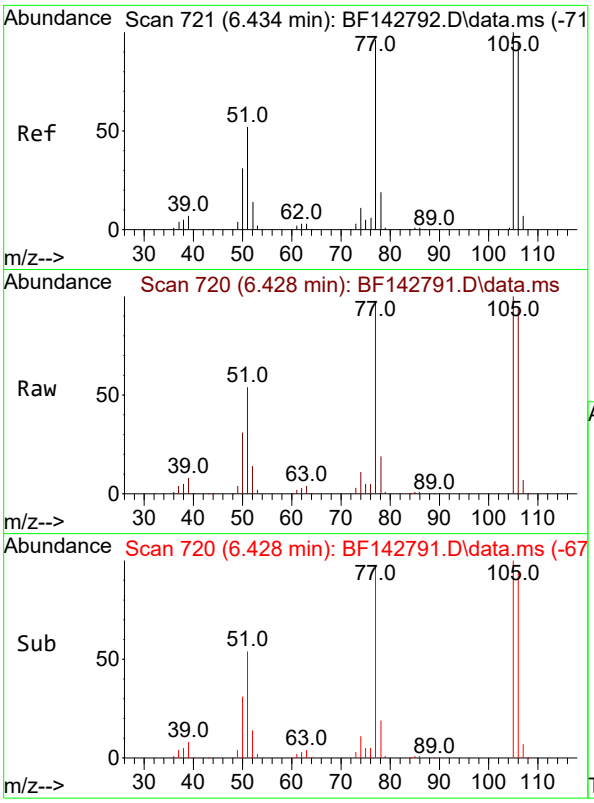


#8
2-Chlorophenol
Concen: 20.235 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



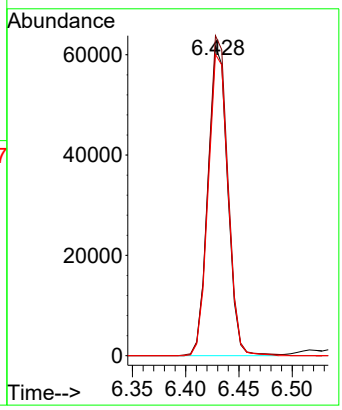


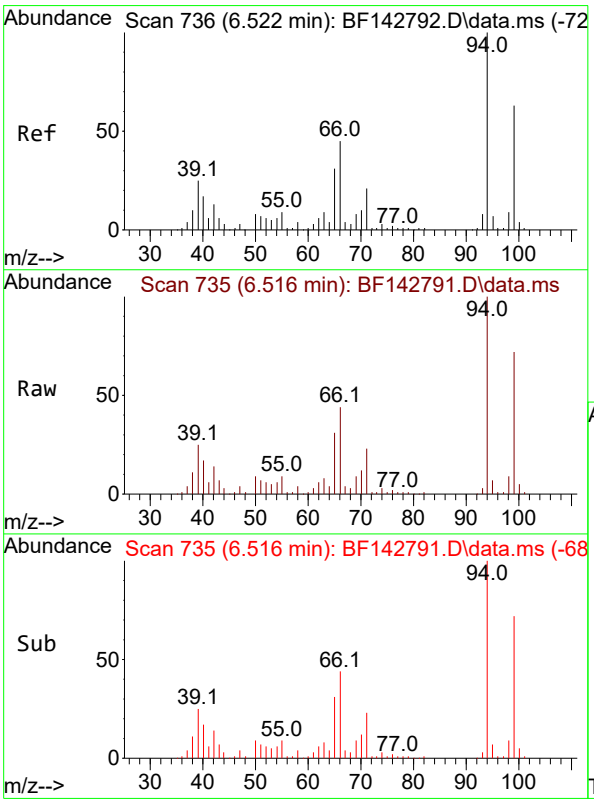
#9
Benzaldehyde
Concen: 22.467 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

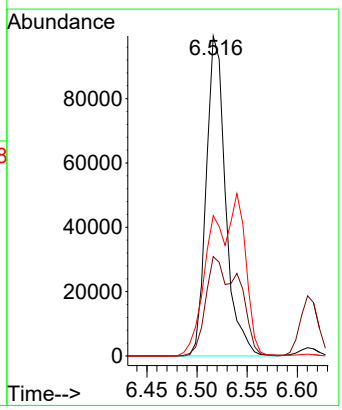


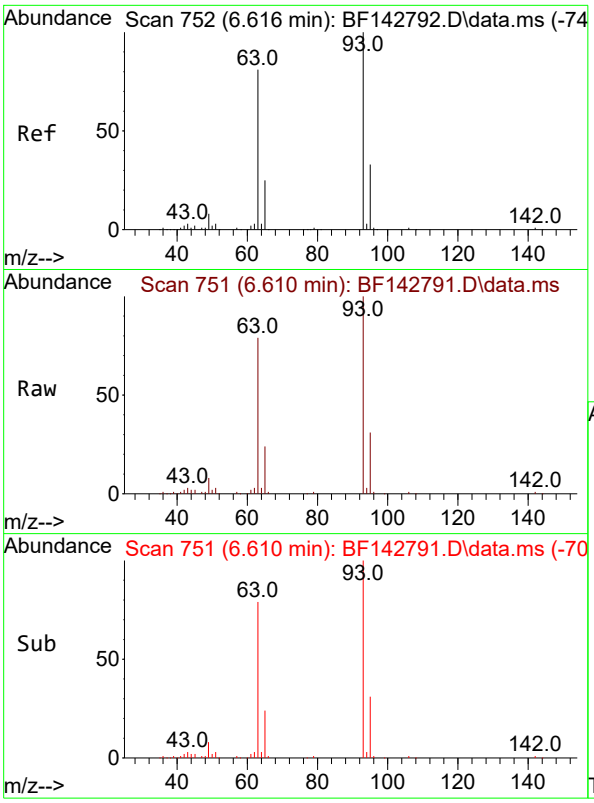


#10
Phenol
Concen: 20.730 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



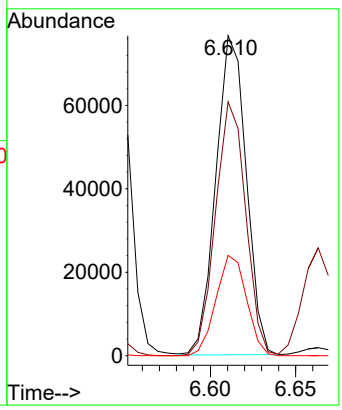


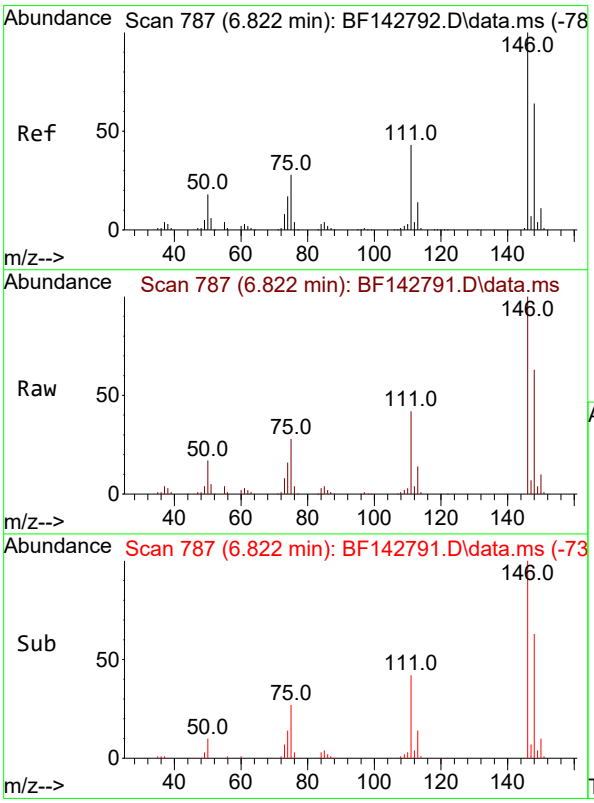
#11
bis(2-Chloroethyl)ether
Concen: 19.905 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

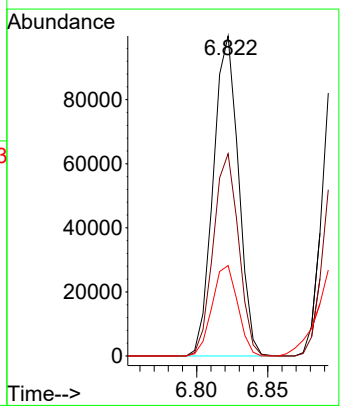


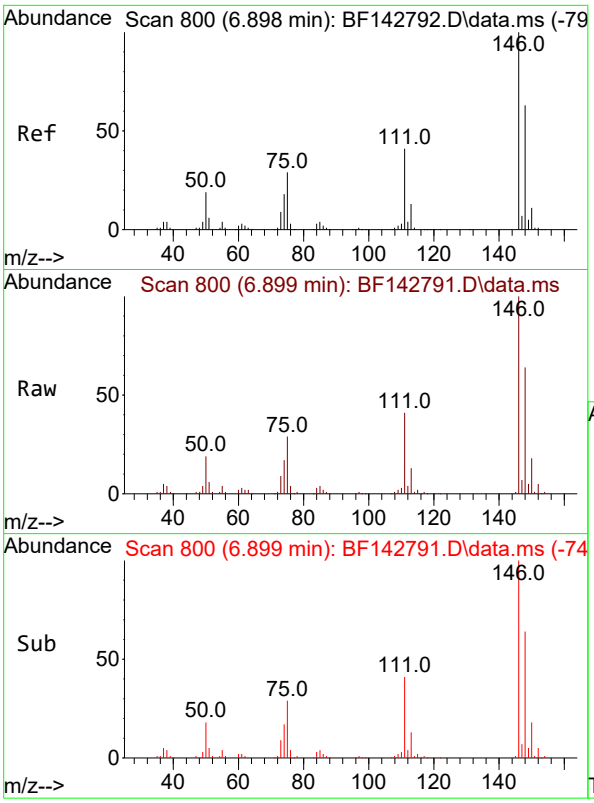


#12
1,3-Dichlorobenzene
Concen: 20.218 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



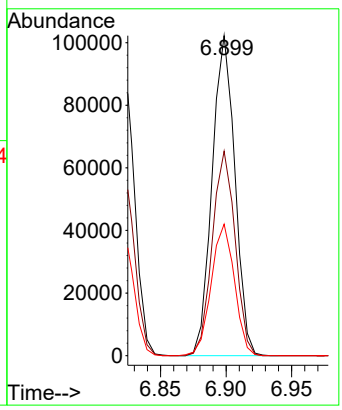


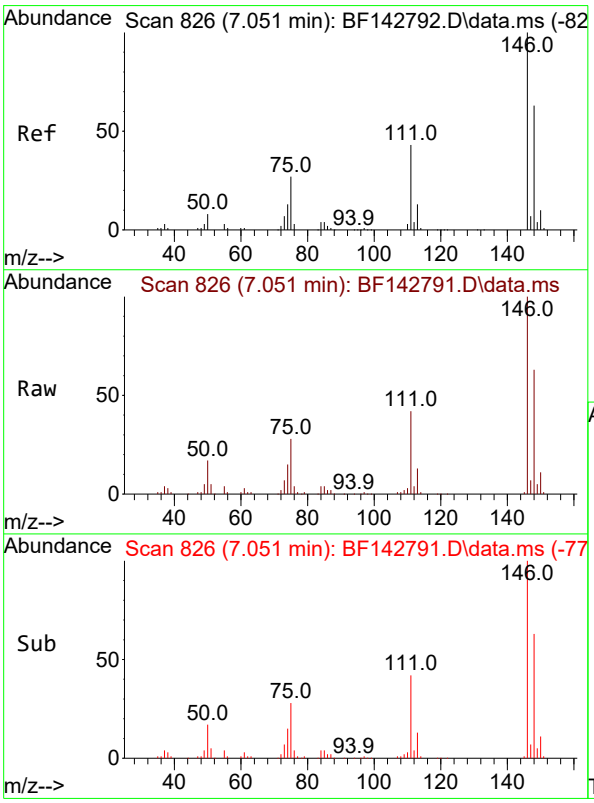
#13
1,4-Dichlorobenzene
Concen: 19.980 ng
RT: 6.899 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

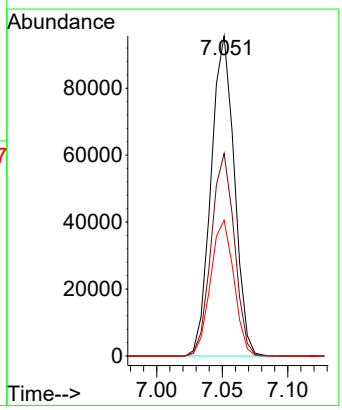


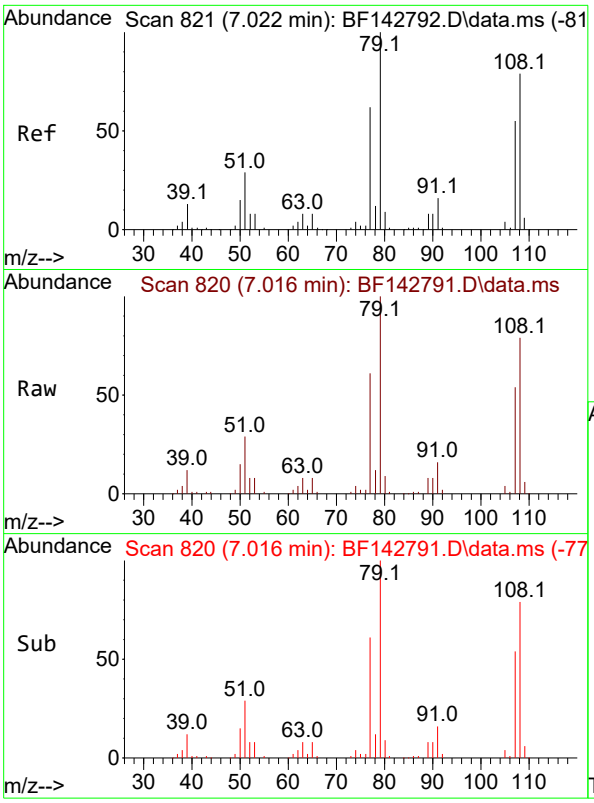


#14
1,2-Dichlorobenzene
Concen: 20.001 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



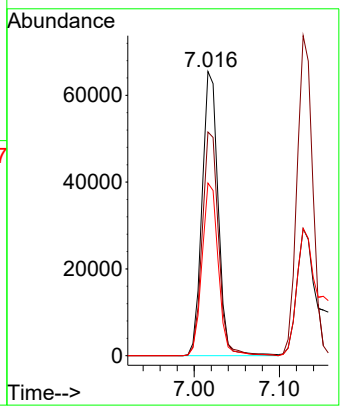


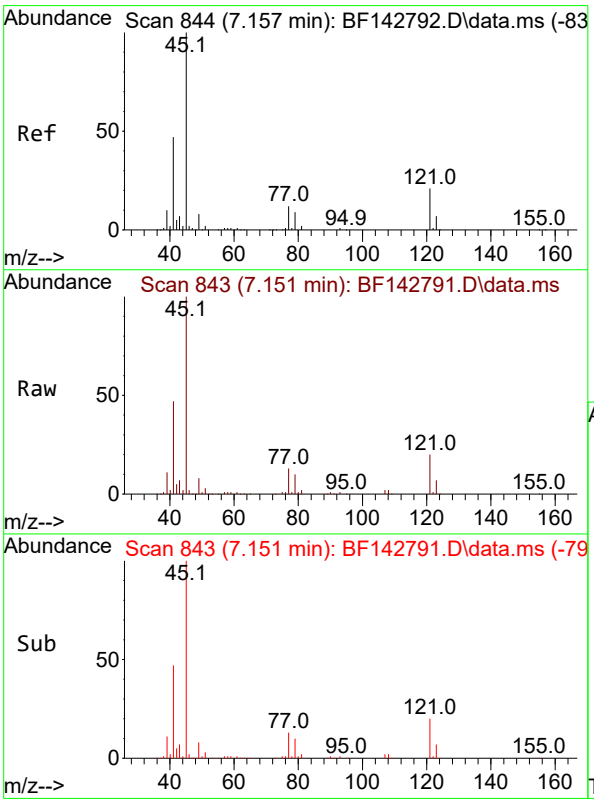
#15
Benzyl Alcohol
Concen: 19.885 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

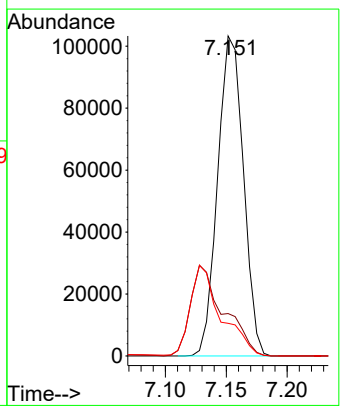


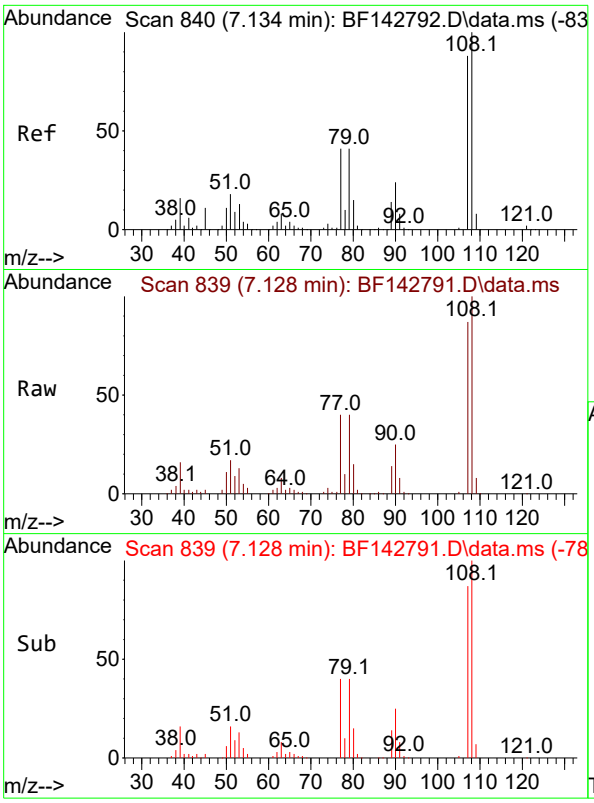


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.224 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



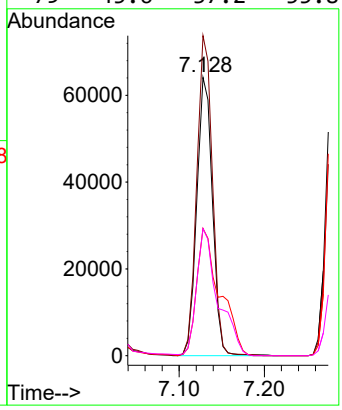


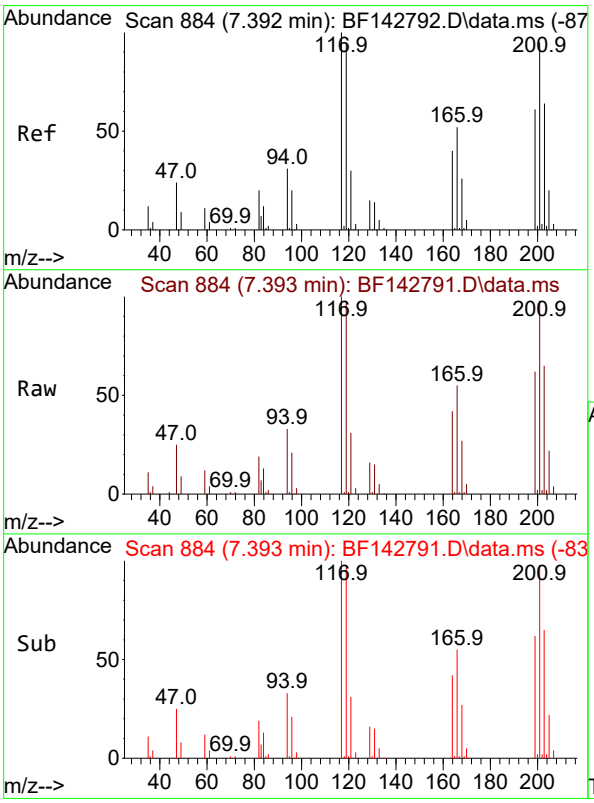
#17
2-Methylphenol
Concen: 20.077 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

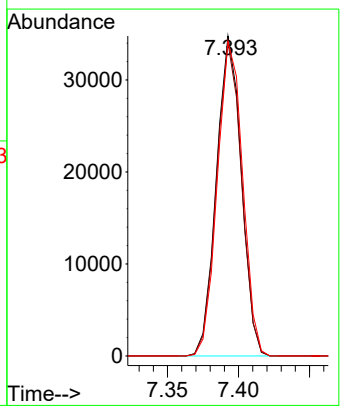


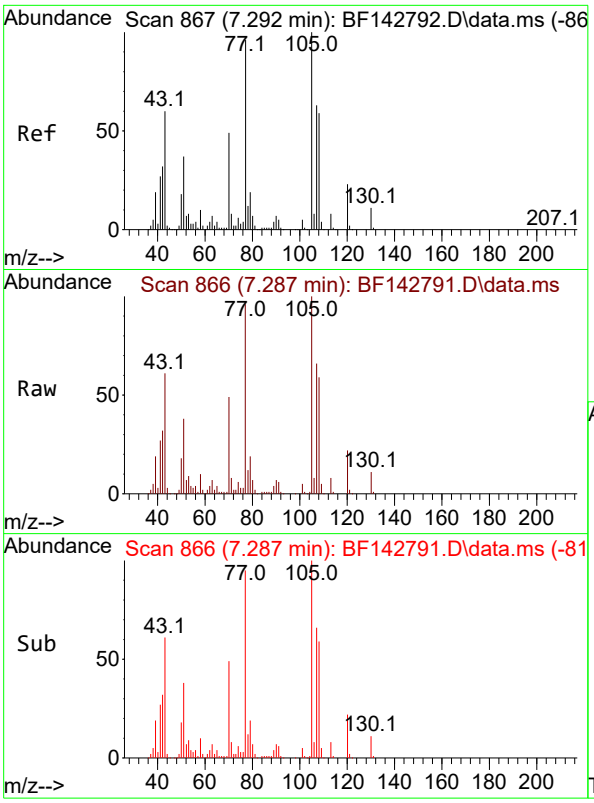


#18
Hexachloroethane
Concen: 19.229 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



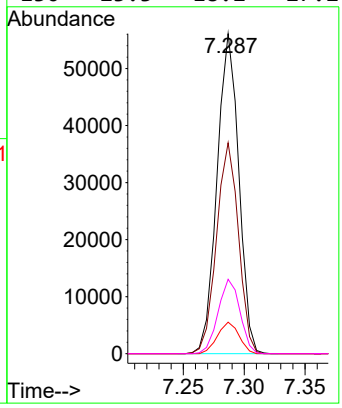


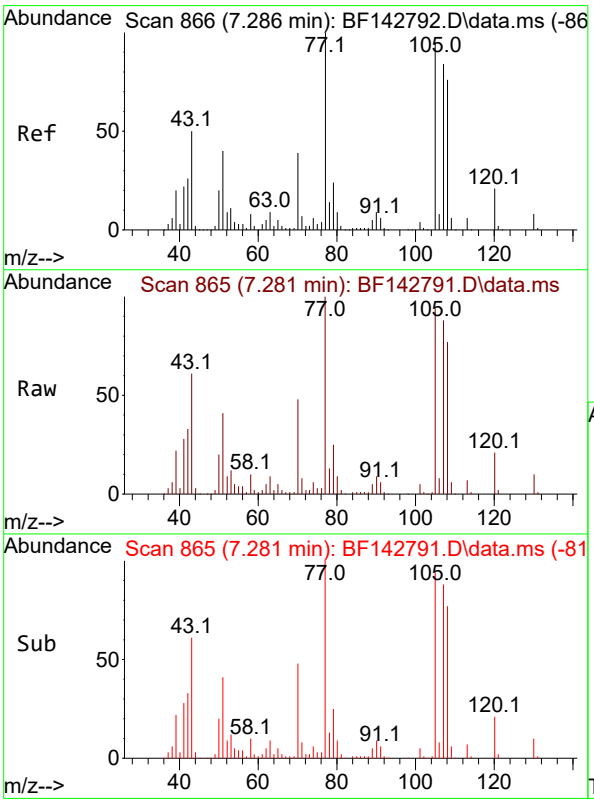
#19
n-Nitroso-di-n-propylamine
Concen: 19.178 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

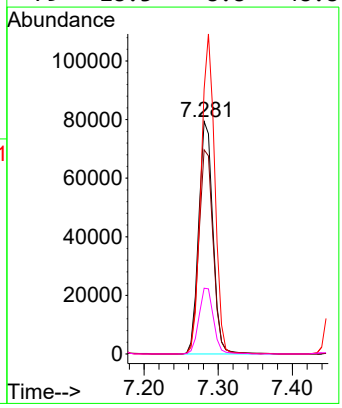


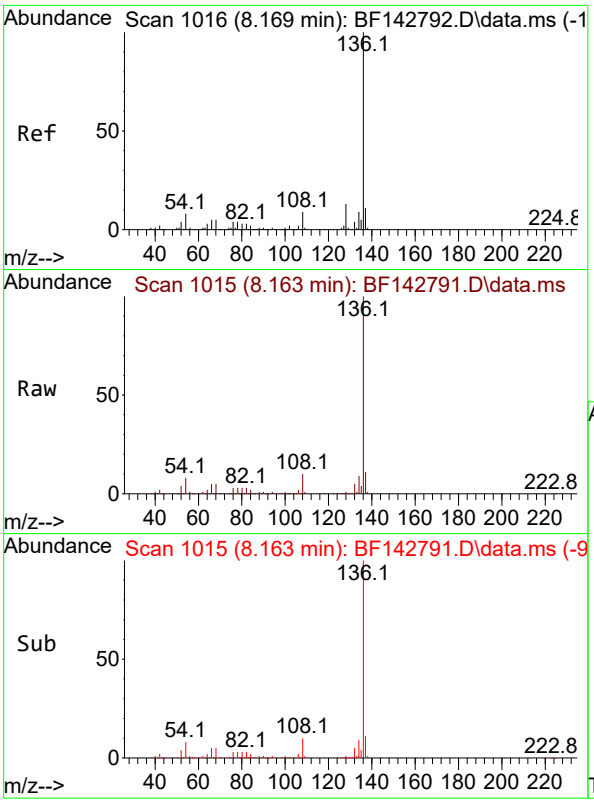


#20
3+4-Methylphenols
Concen: 20.547 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



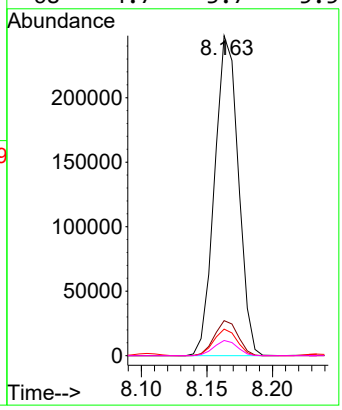


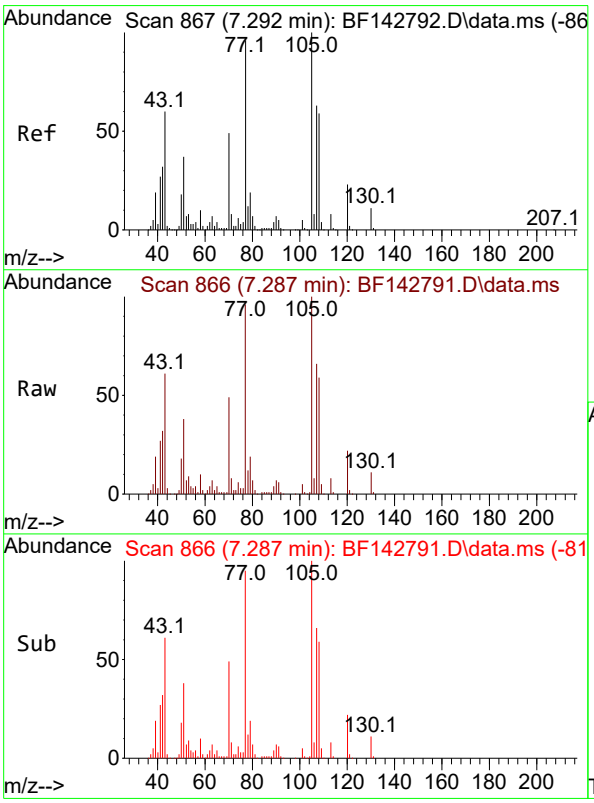
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

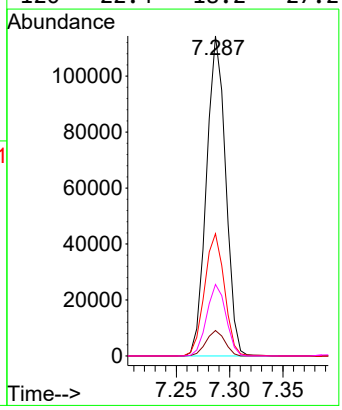


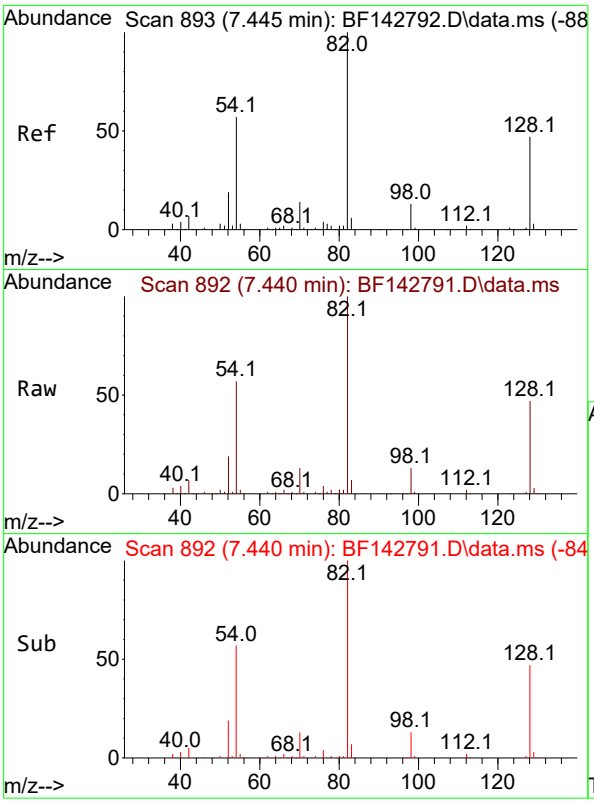


#22
Acetophenone
Concen: 20.730 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



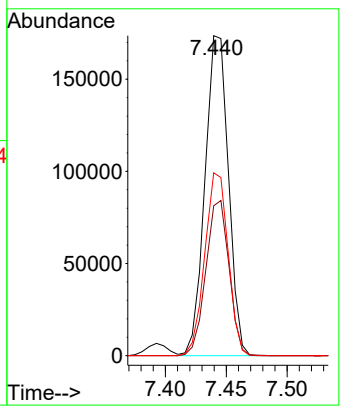


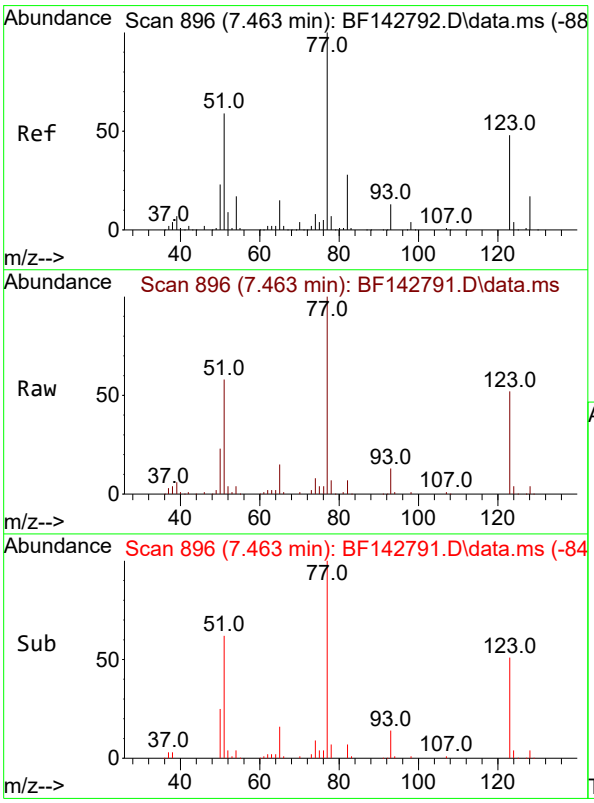
#23
Nitrobenzene-d5
Concen: 40.933 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

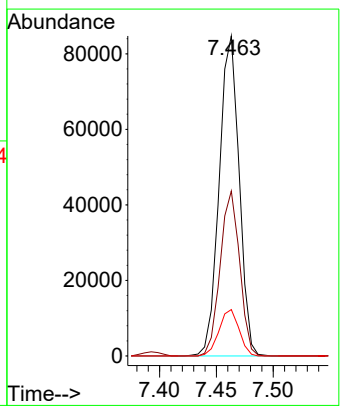


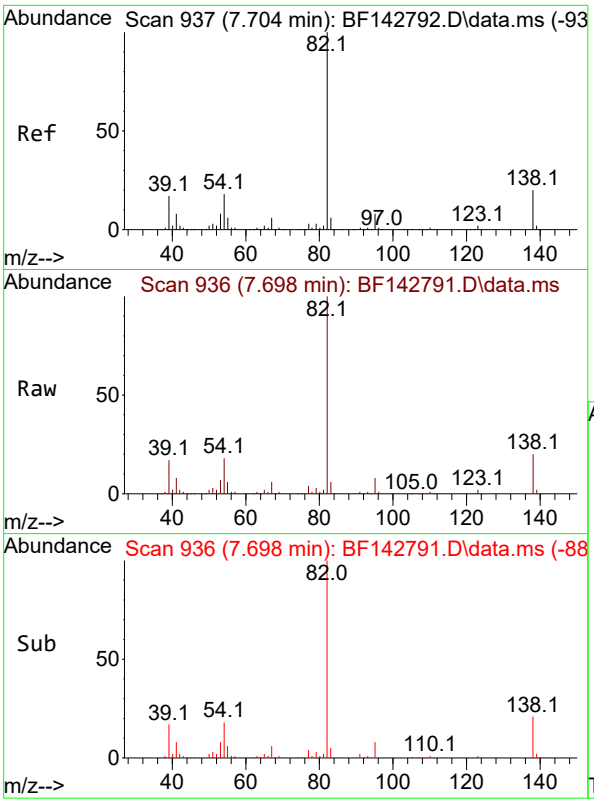


#24
Nitrobenzene
Concen: 20.450 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



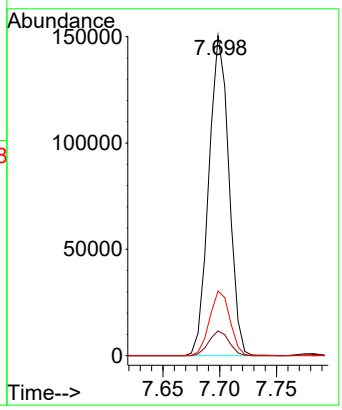


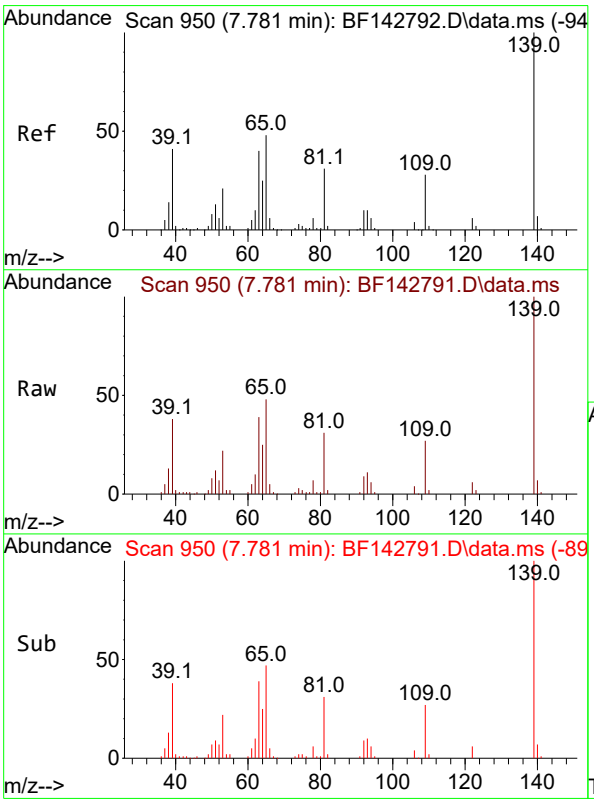
#25
Isophorone
Concen: 19.365 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

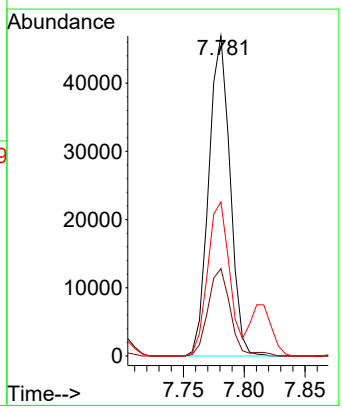


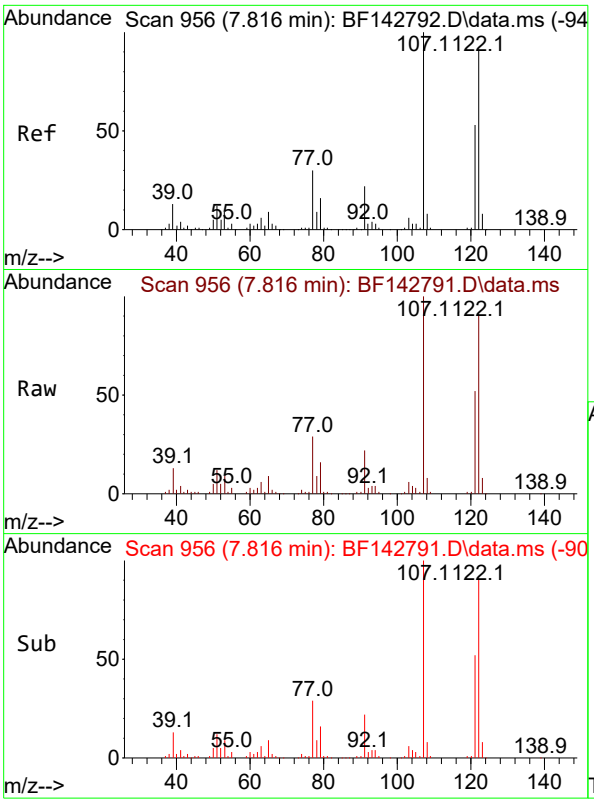


#26
2-Nitrophenol
Concen: 20.191 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



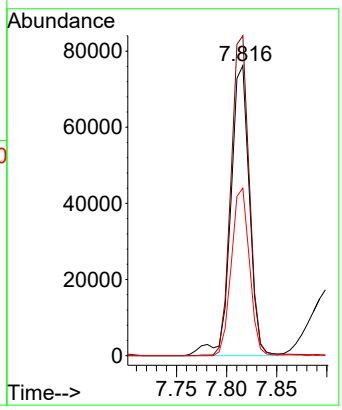


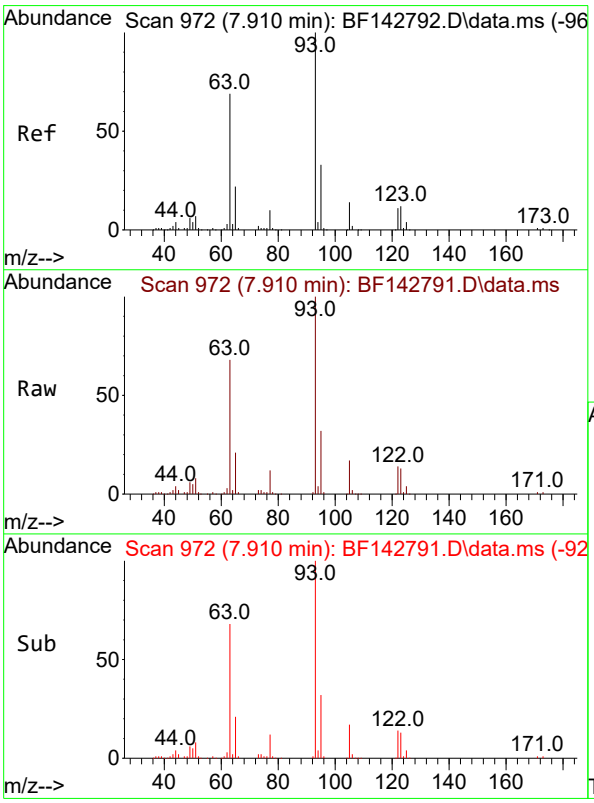
#27
2,4-Dimethylphenol
Concen: 20.659 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

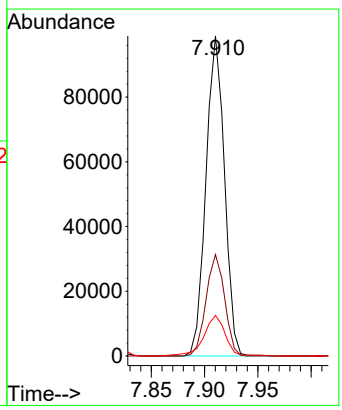


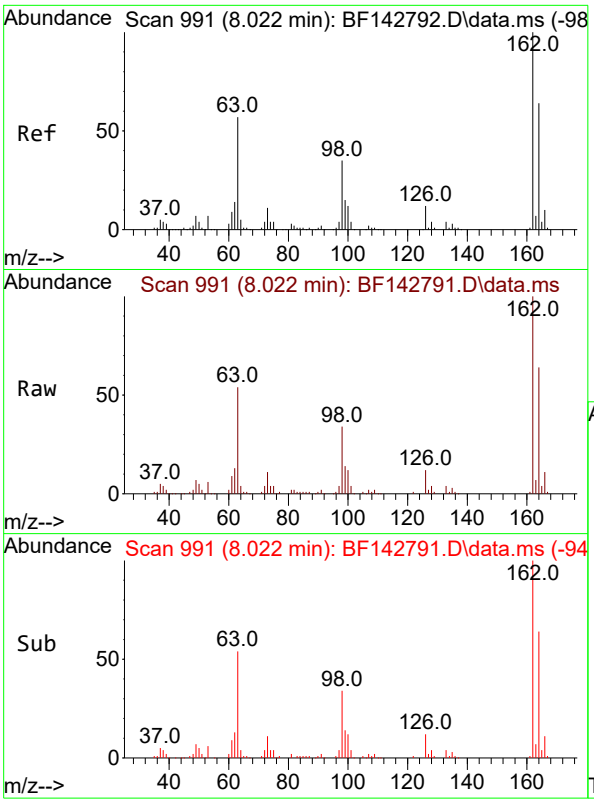


#28
bis(2-Chloroethoxy)methane
Concen: 20.087 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



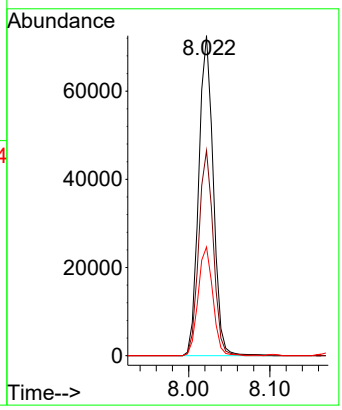


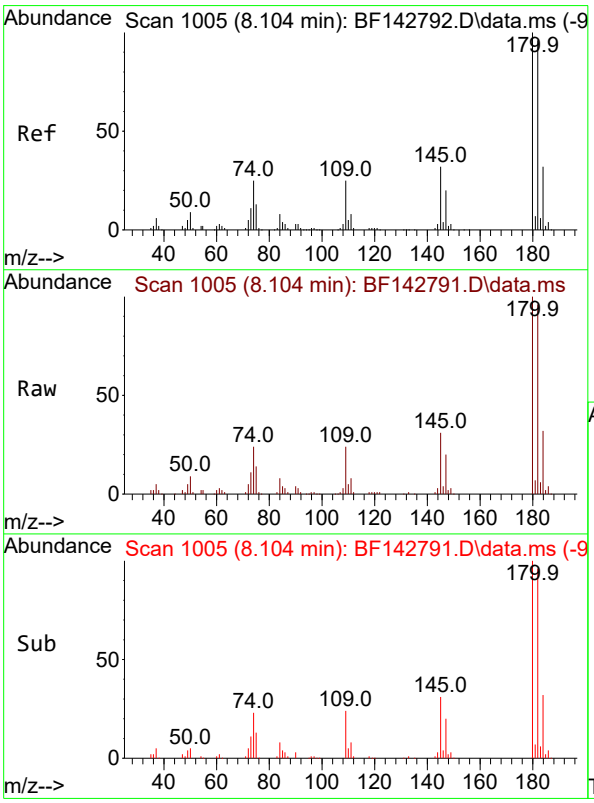
#29
2,4-Dichlorophenol
Concen: 20.437 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

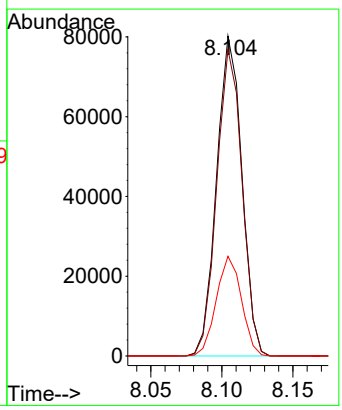


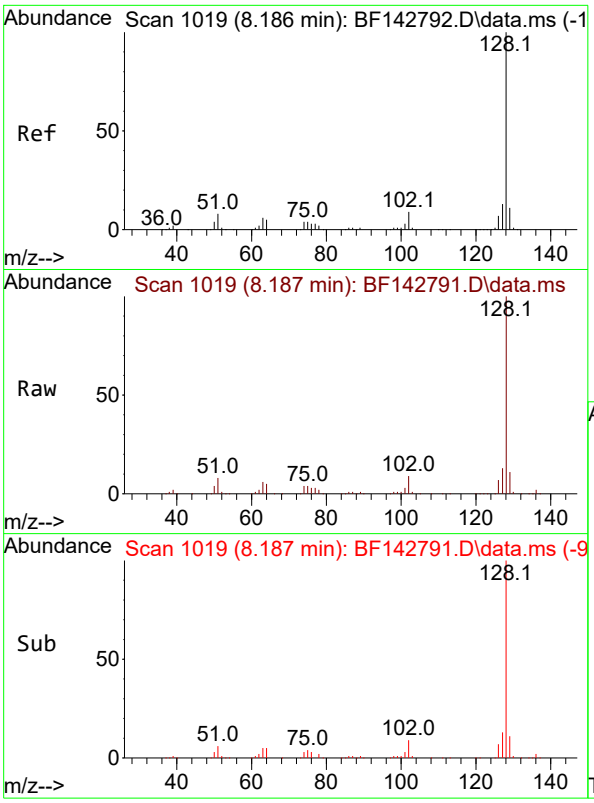


#30
1,2,4-Trichlorobenzene
Concen: 20.304 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



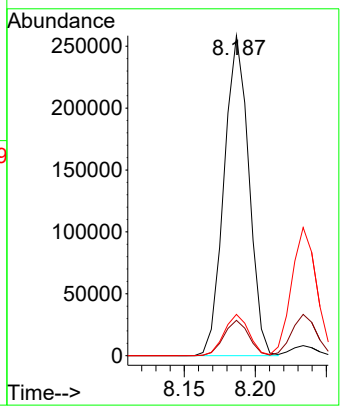


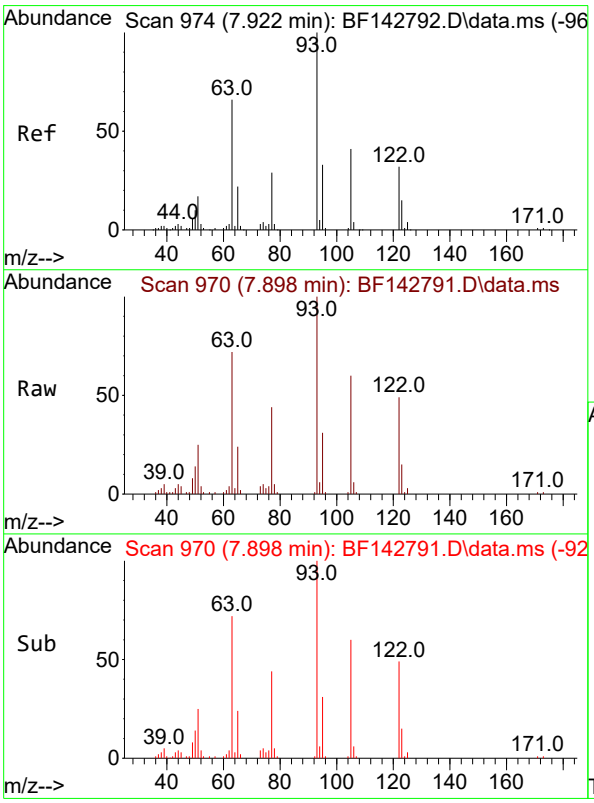
#31
Naphthalene
Concen: 20.405 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

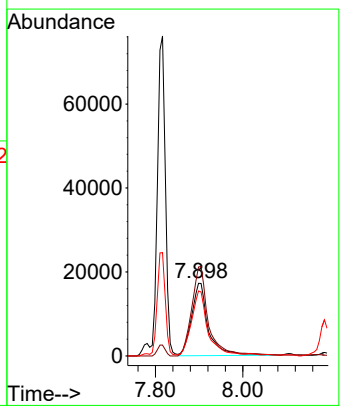


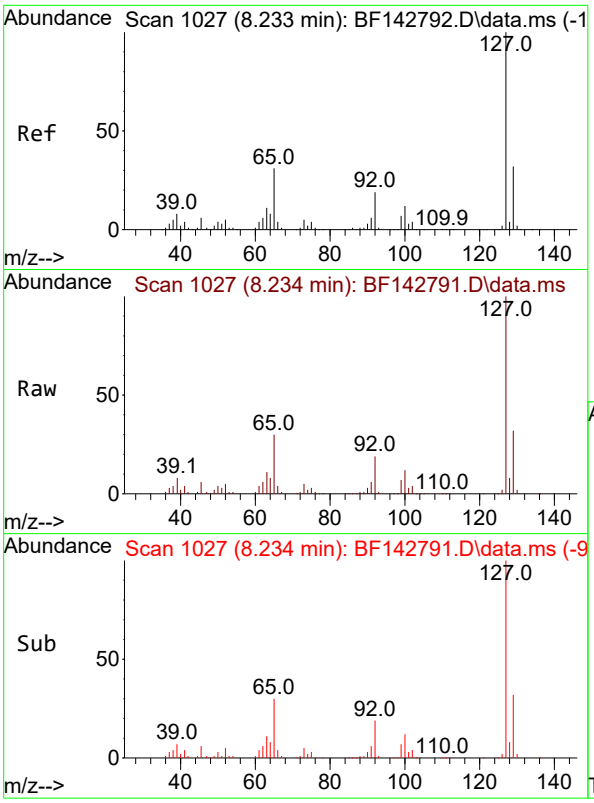


#32
Benzoic acid
Concen: 17.245 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.023 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



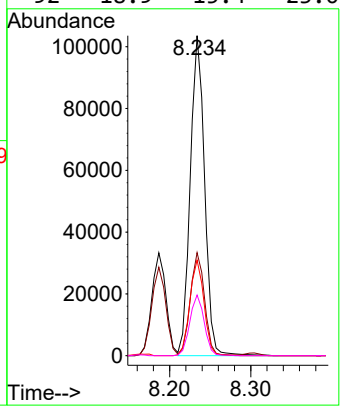


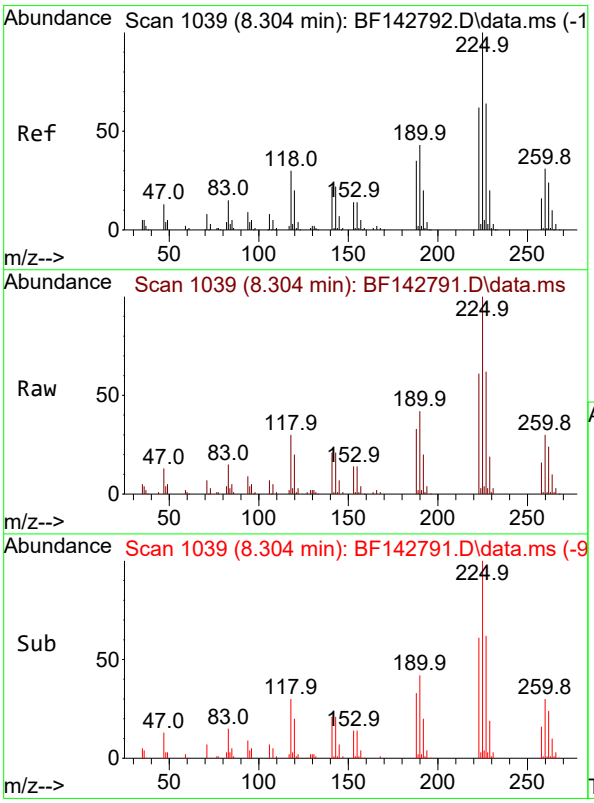
#33
4-Chloroaniline
Concen: 20.729 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

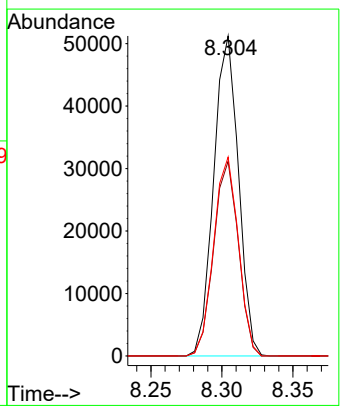


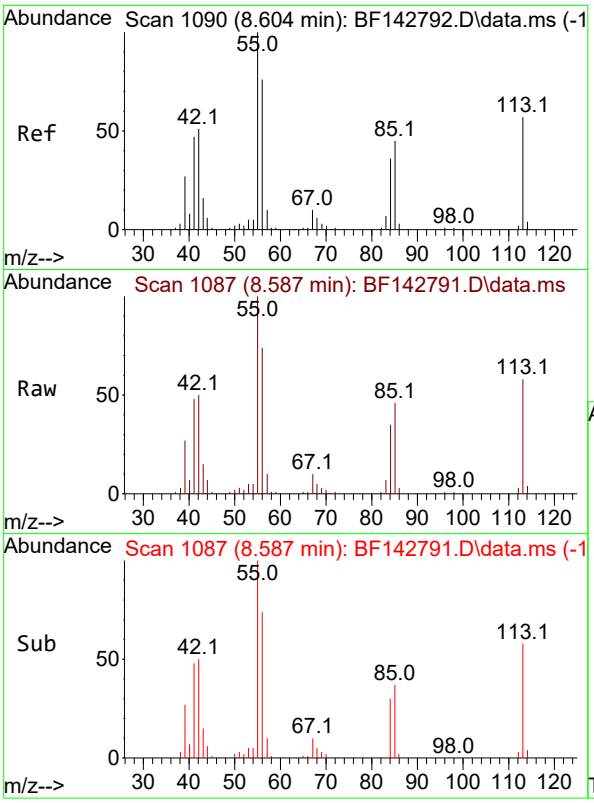


#34
Hexachlorobutadiene
Concen: 20.001 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



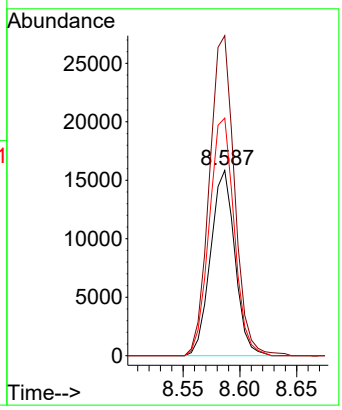


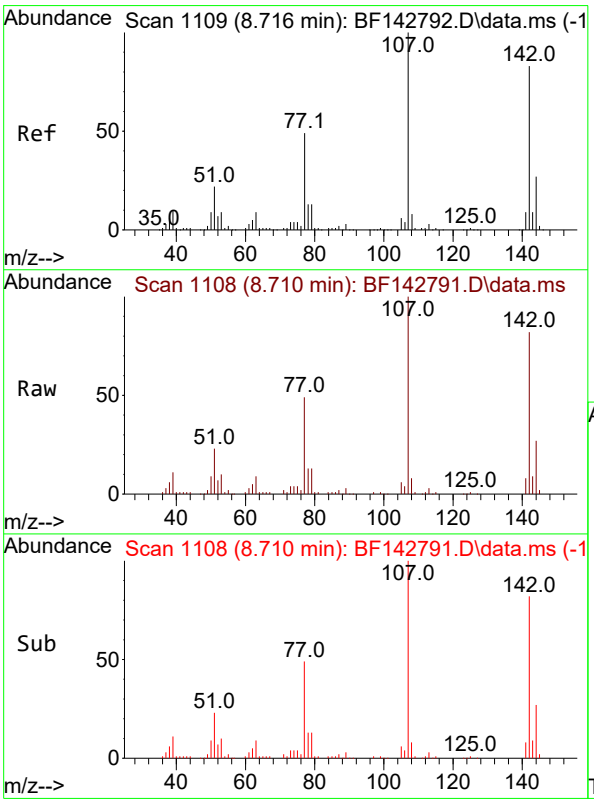
#35
Caprolactam
Concen: 19.769 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

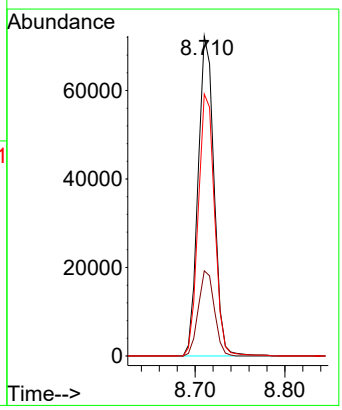


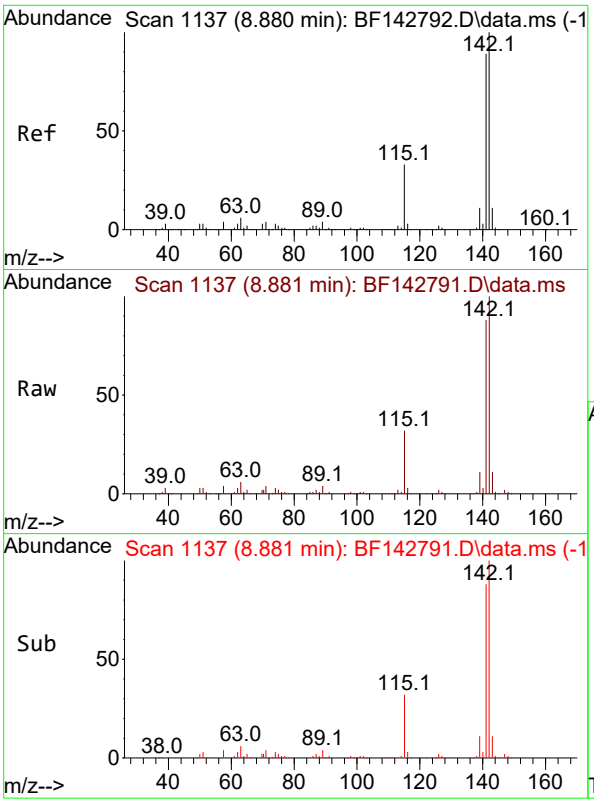


#36
4-Chloro-3-methylphenol
Concen: 19.518 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



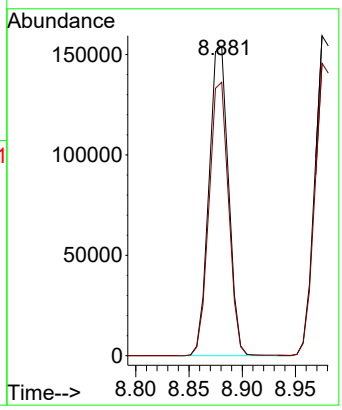


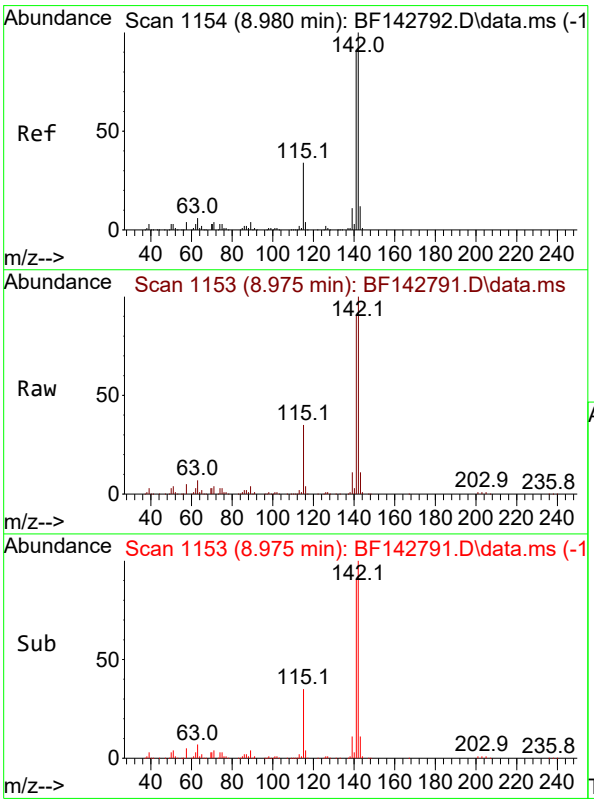
#37
2-Methylnaphthalene
Concen: 20.287 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 196609

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

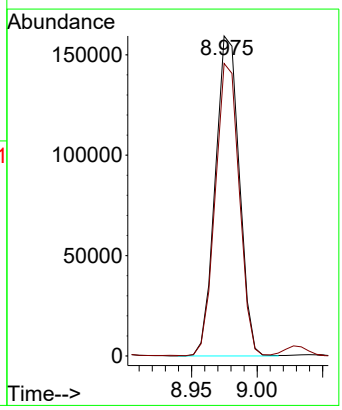


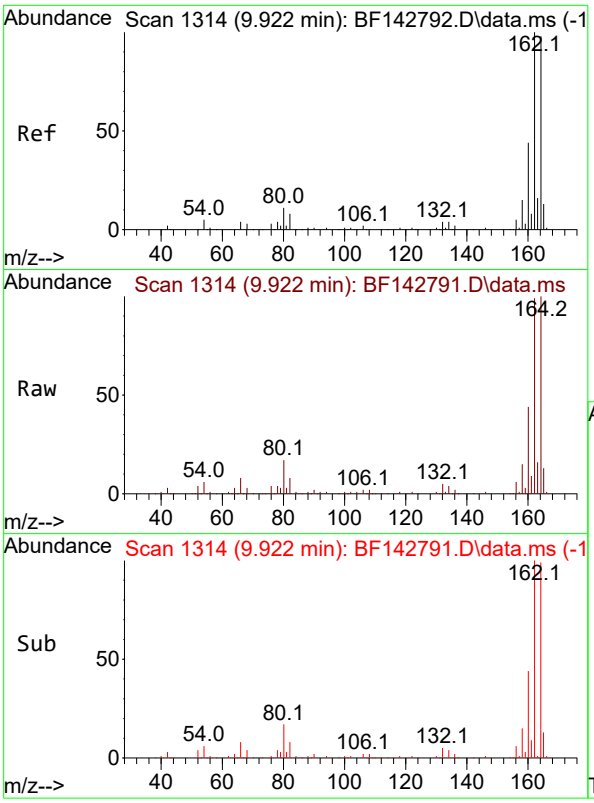


#38
1-Methylnaphthalene
Concen: 20.165 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

Tgt Ion:142 Resp: 202898

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4



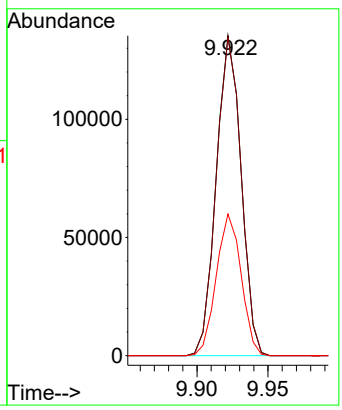


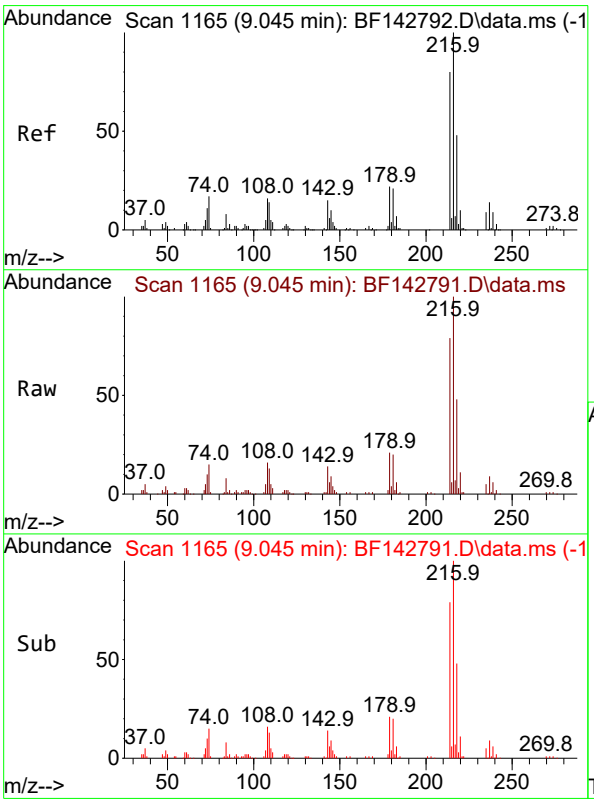
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

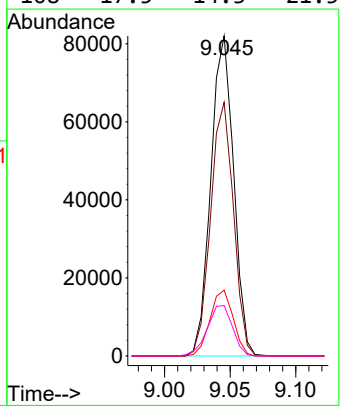


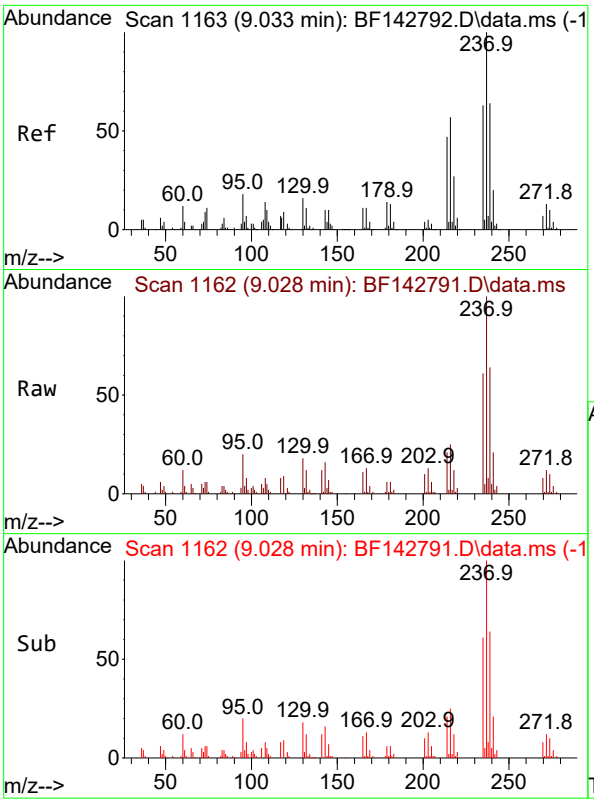


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.857 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



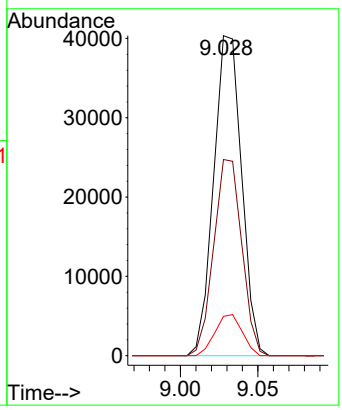


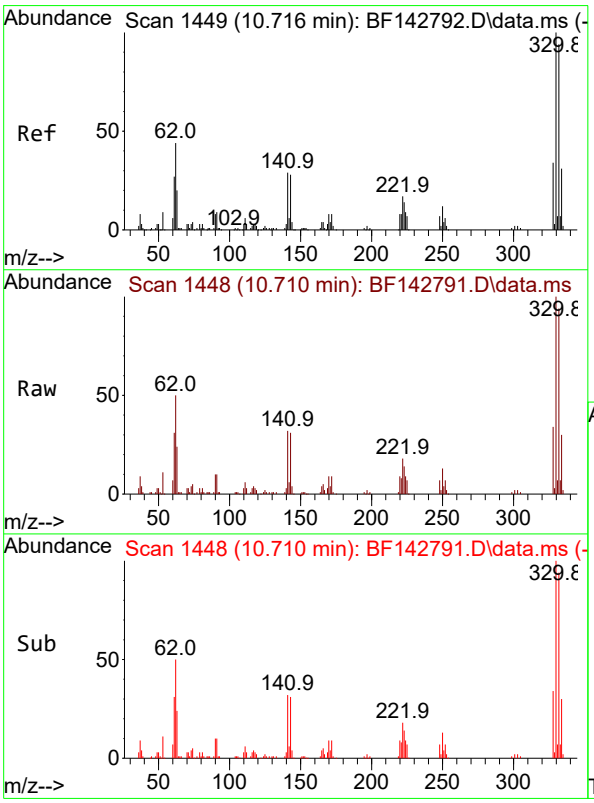
#41
Hexachlorocyclopentadiene
Concen: 16.864 ng
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

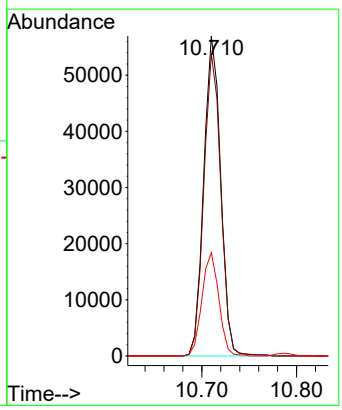


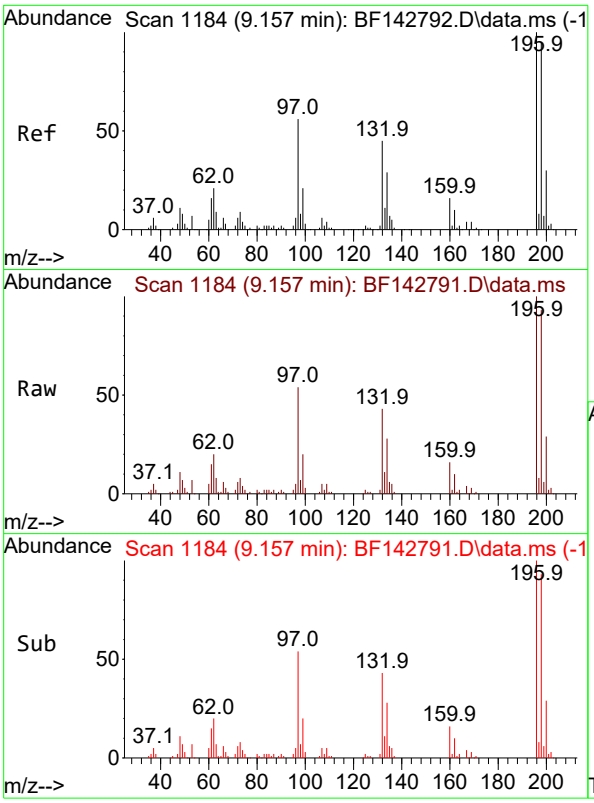


#42
2,4,6-Tribromophenol
Concen: 39.411 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



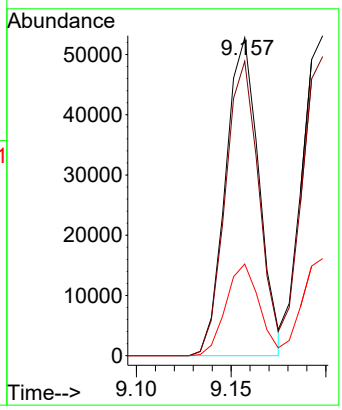


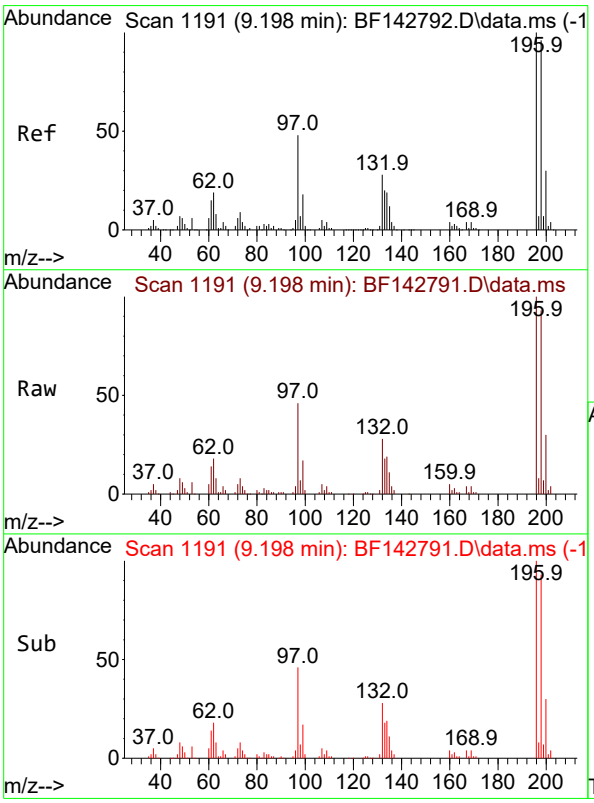
#43
2,4,6-Trichlorophenol
Concen: 21.069 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

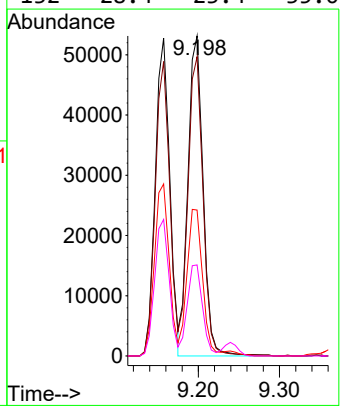


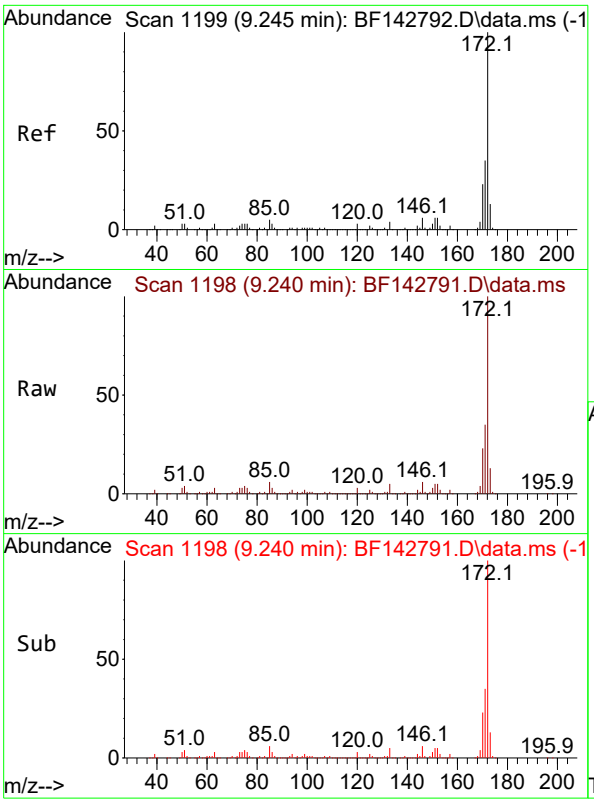


#44
2,4,5-Trichlorophenol
Concen: 20.862 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



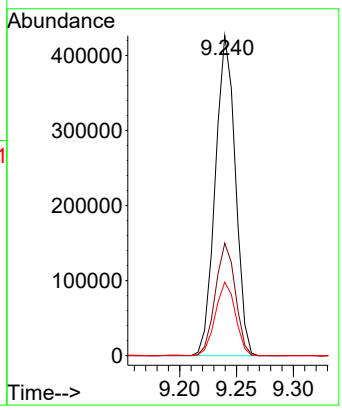


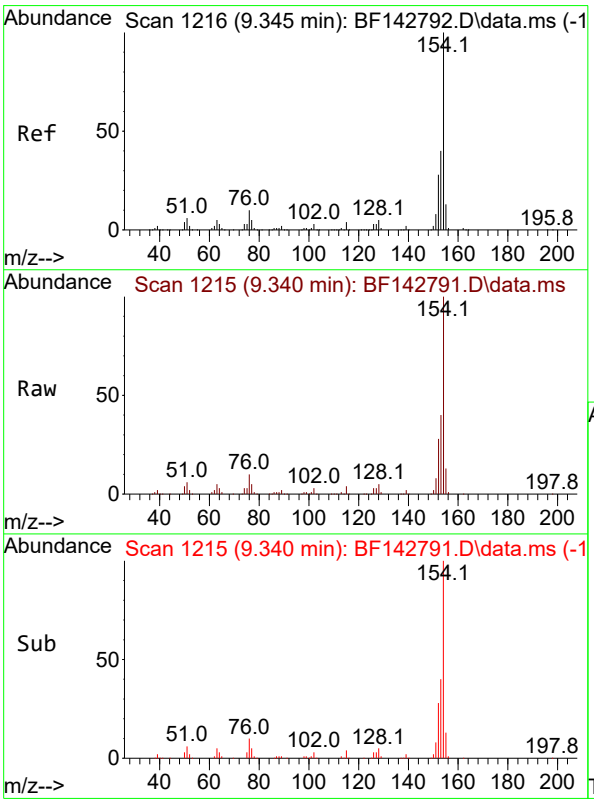
#45
2-Fluorobiphenyl
Concen: 42.356 ng
RT: 9.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

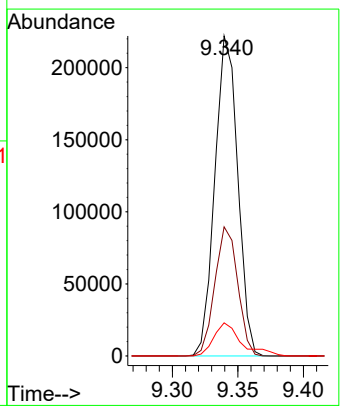


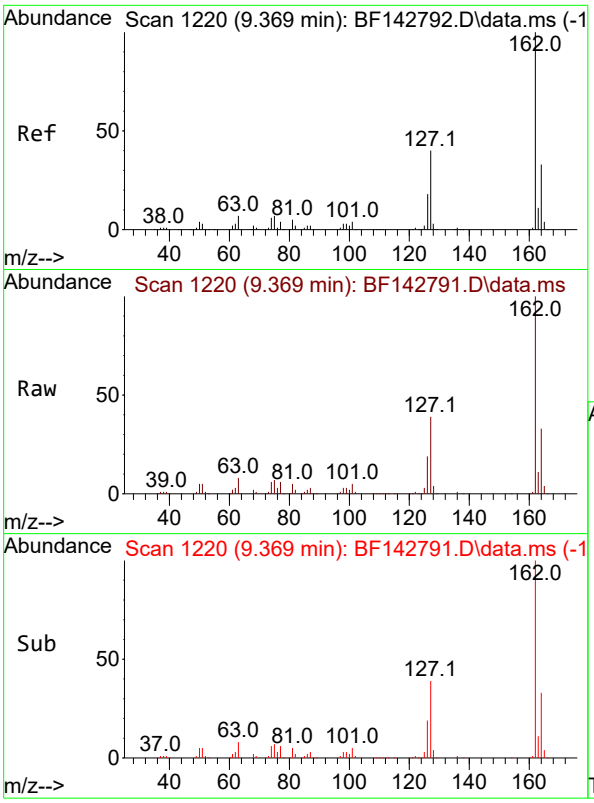


#46
1,1'-Biphenyl
Concen: 21.078 ng
RT: 9.340 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



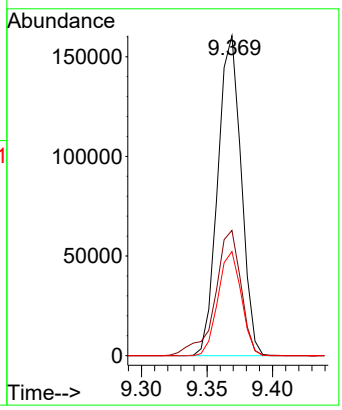


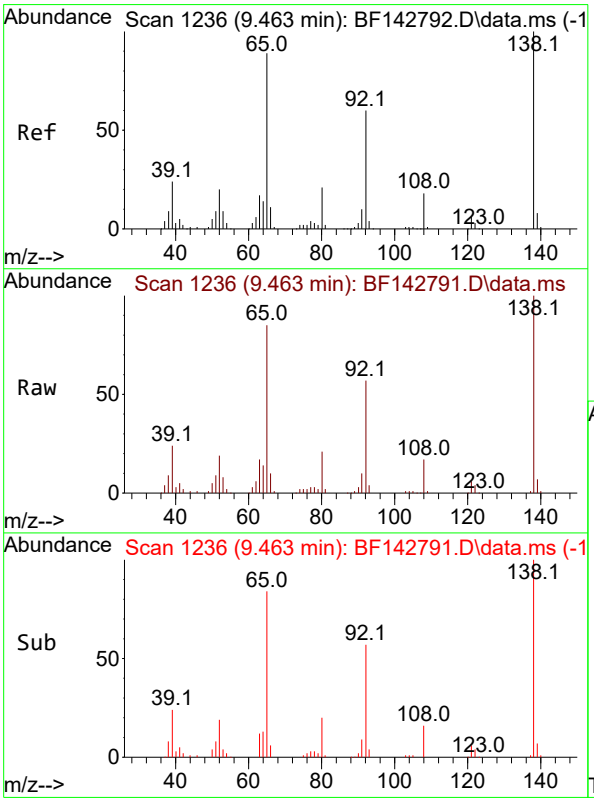
#47
2-Chloronaphthalene
Concen: 21.087 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

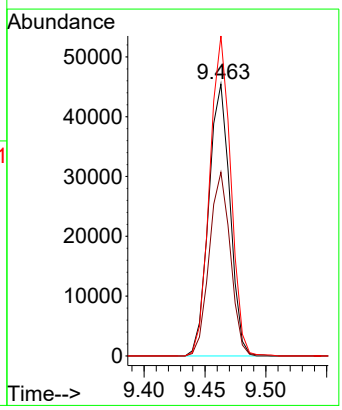


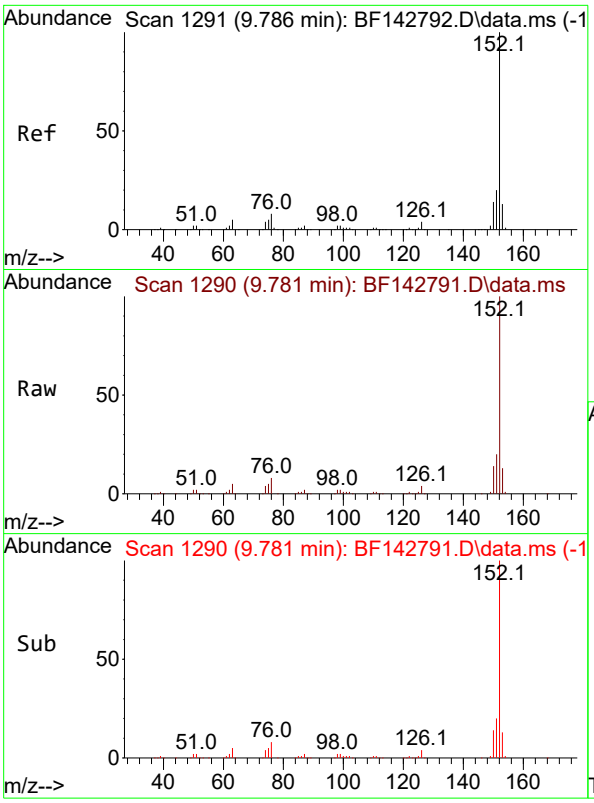


#48
2-Nitroaniline
Concen: 20.681 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



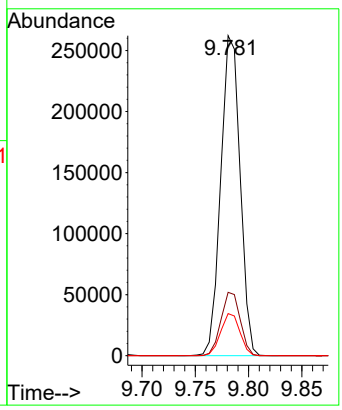


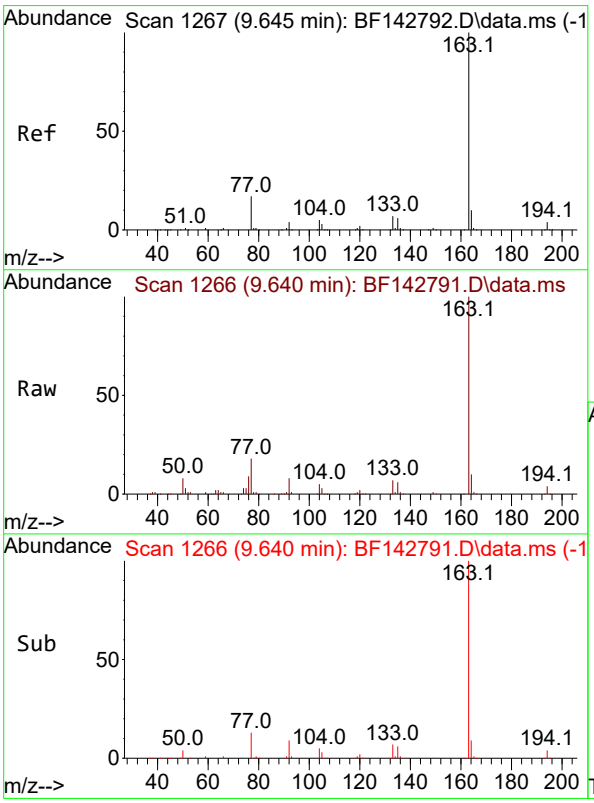
#49
Acenaphthylene
Concen: 20.878 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

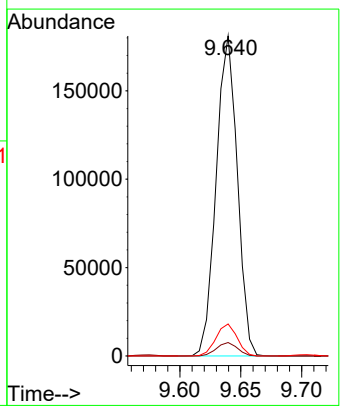


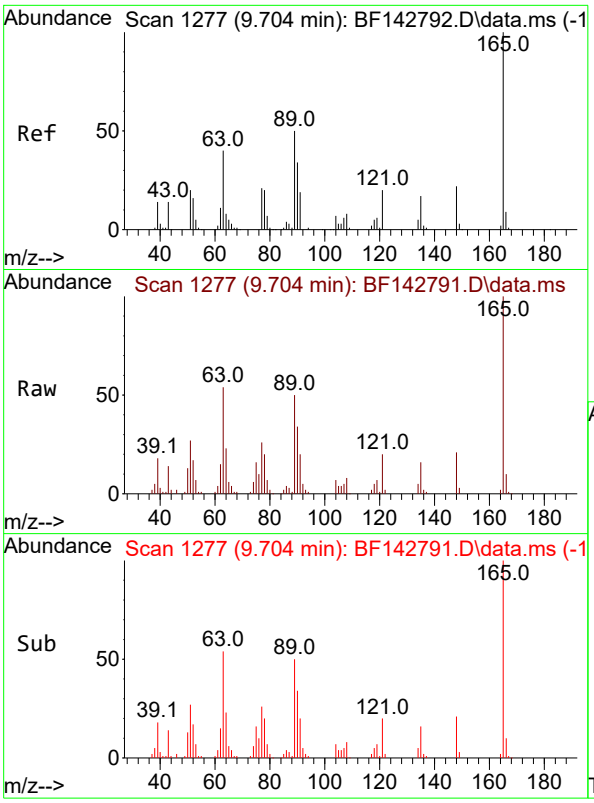


#50
Dimethylphthalate
Concen: 20.049 ng
RT: 9.640 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



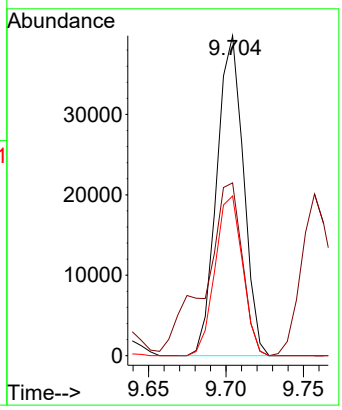


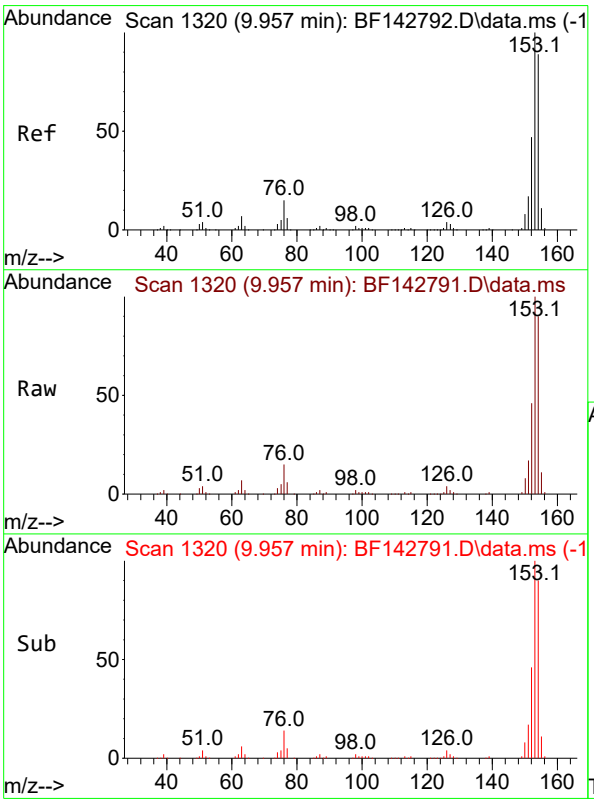
#51
2,6-Dinitrotoluene
Concen: 20.156 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

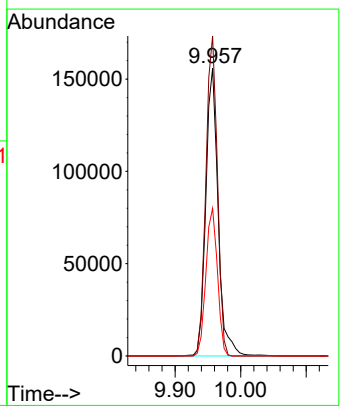


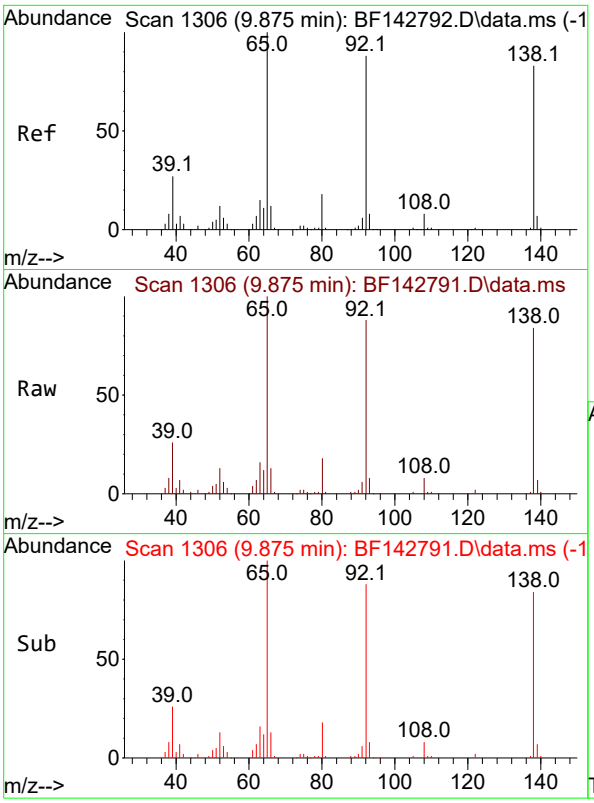


#52
Acenaphthene
Concen: 20.813 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



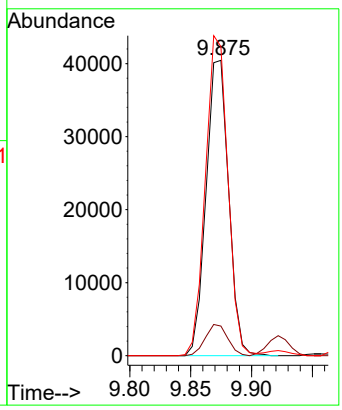


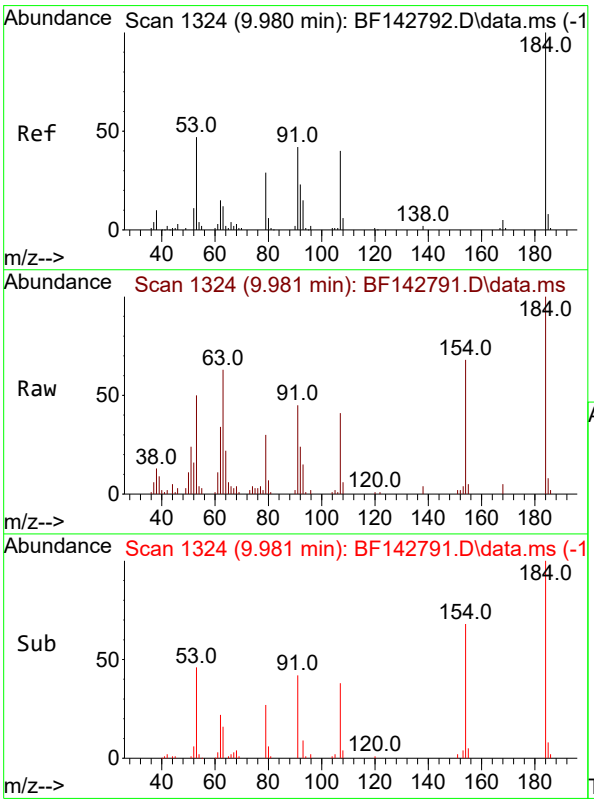
#53
3-Nitroaniline
Concen: 20.261 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

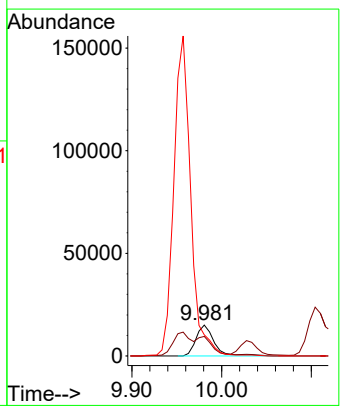


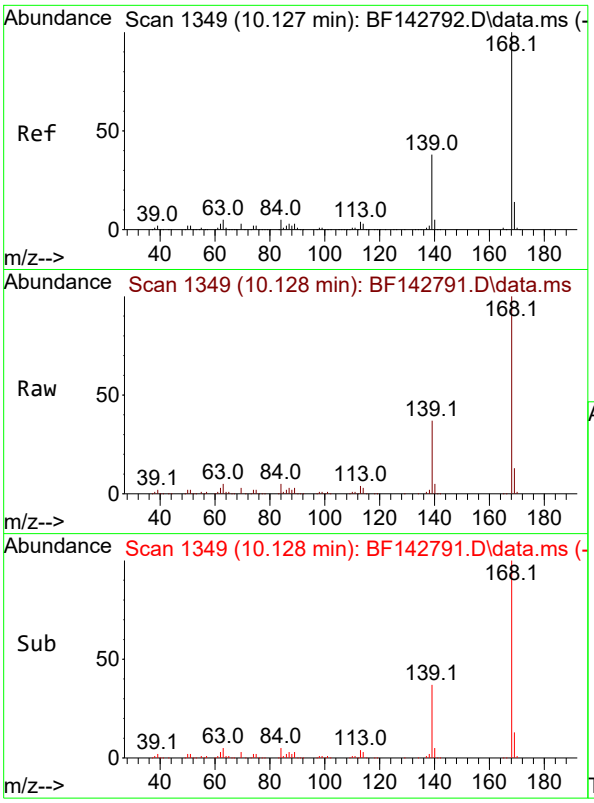


#54
2,4-Dinitrophenol
Concen: 16.576 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



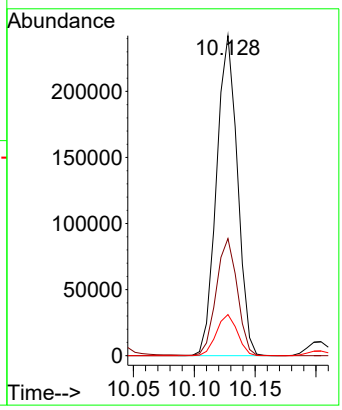


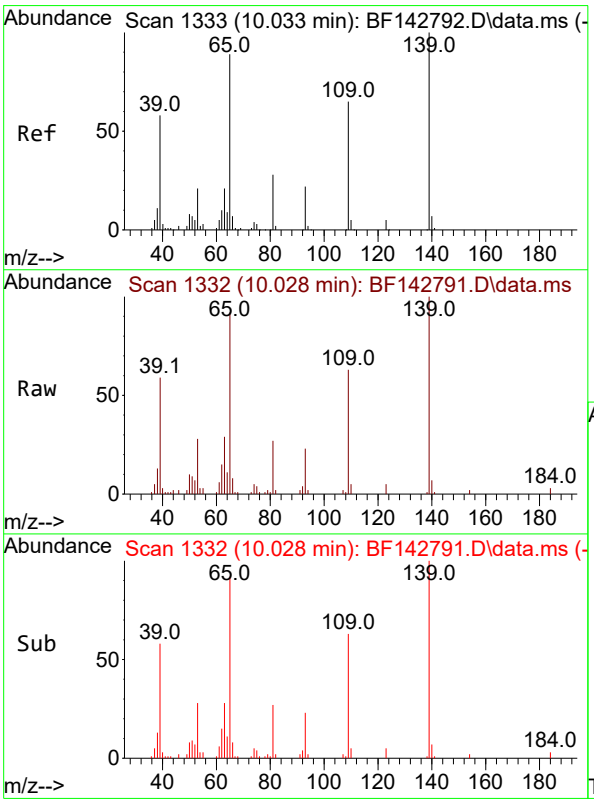
#55
Dibenzofuran
Concen: 20.736 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

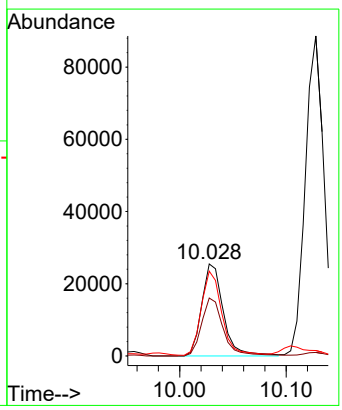


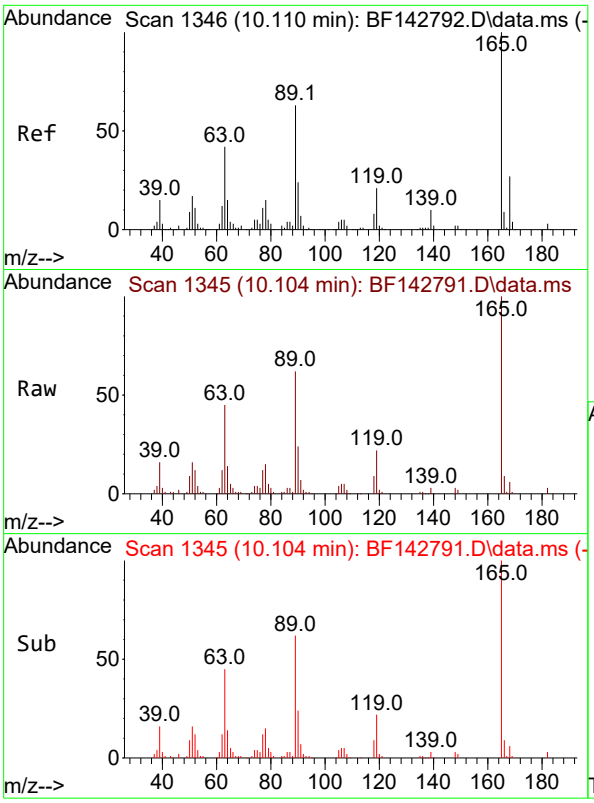


#56
4-Nitrophenol
Concen: 20.593 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



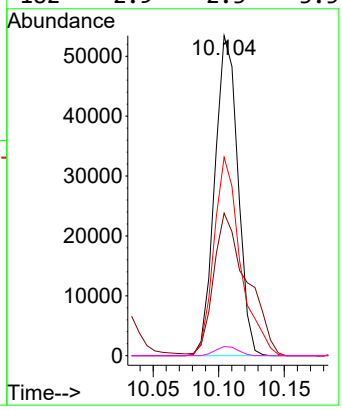


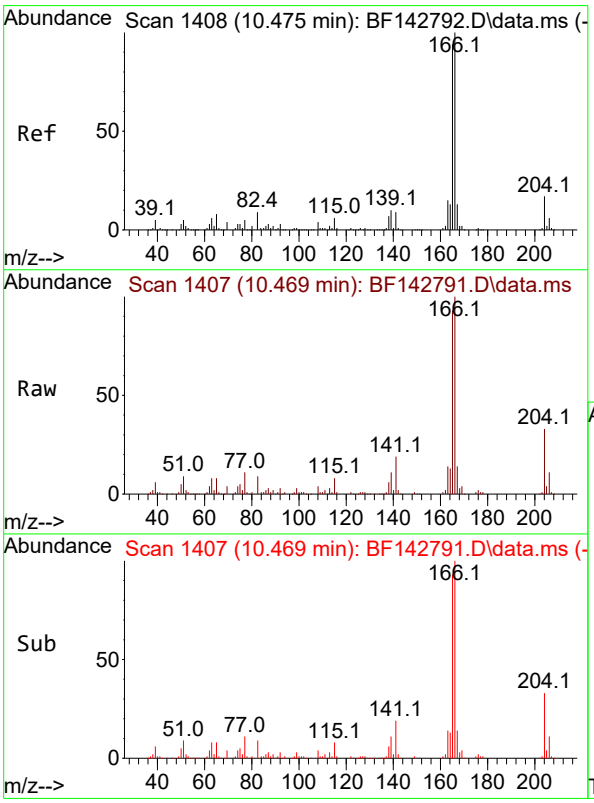
#57
2,4-Dinitrotoluene
Concen: 20.887 ng
RT: 10.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

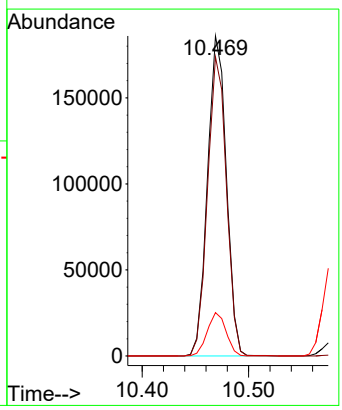


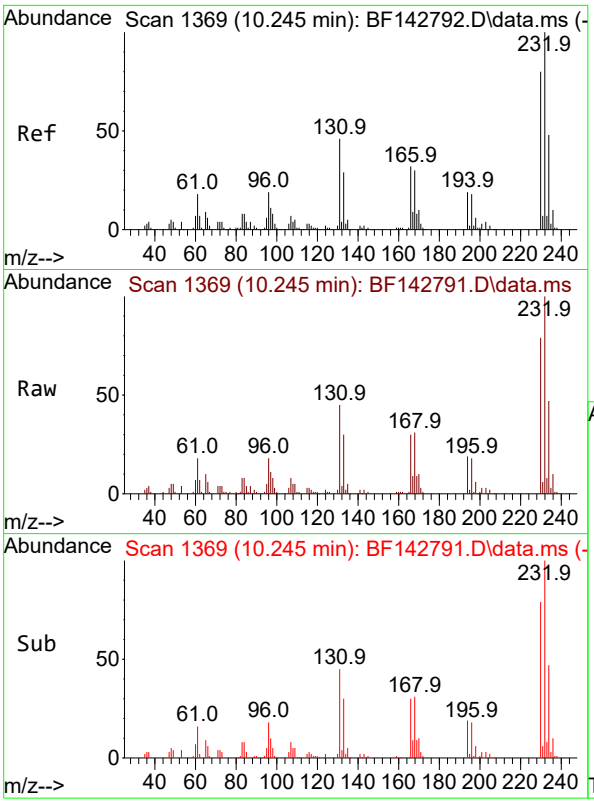


#58
Fluorene
Concen: 20.780 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



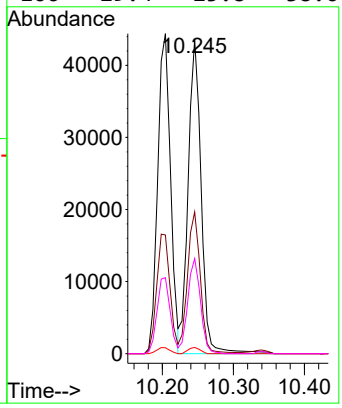


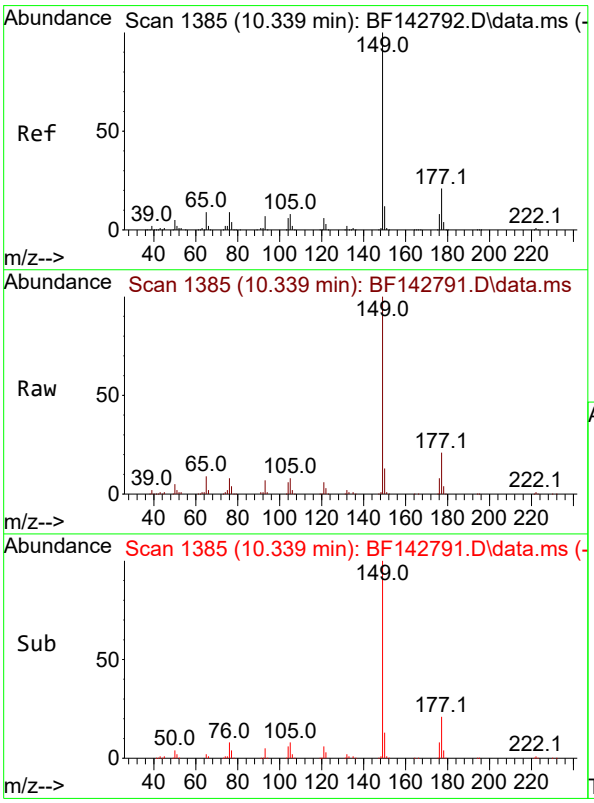
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.042 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

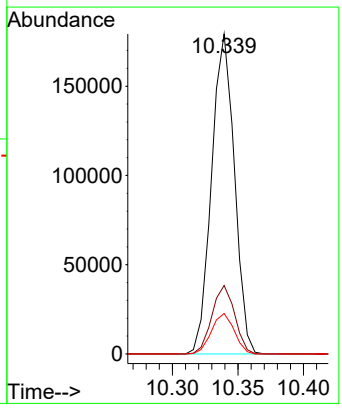


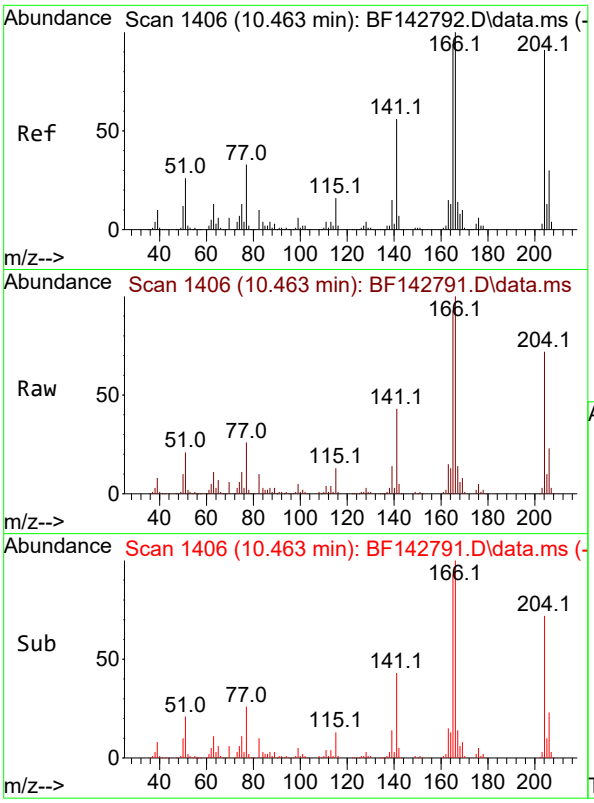


#60
Diethylphthalate
Concen: 20.020 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



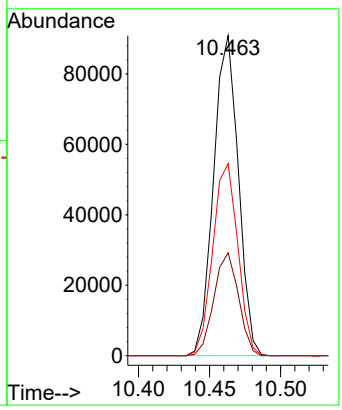


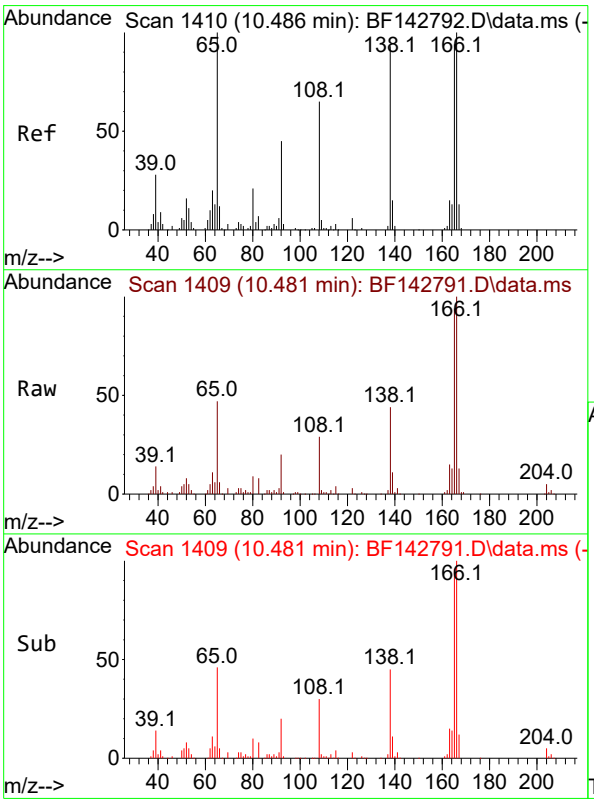
#61
4-Chlorophenyl-phenylether
Concen: 20.526 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

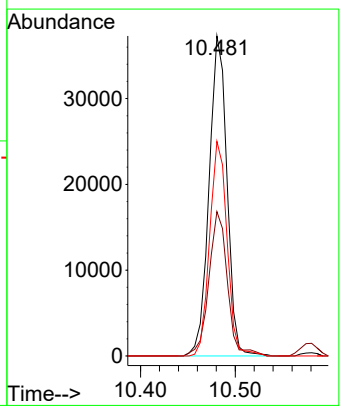


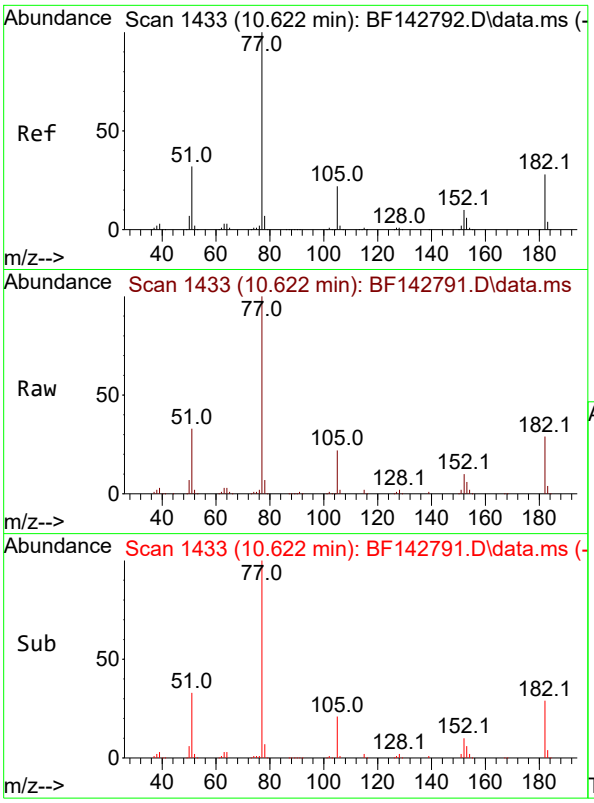


#62
4-Nitroaniline
Concen: 21.208 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



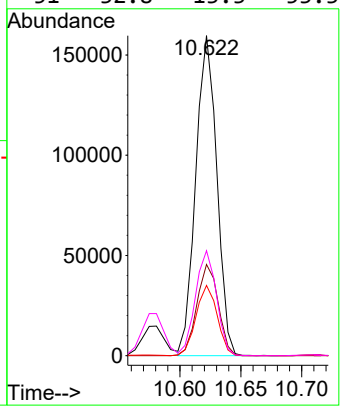


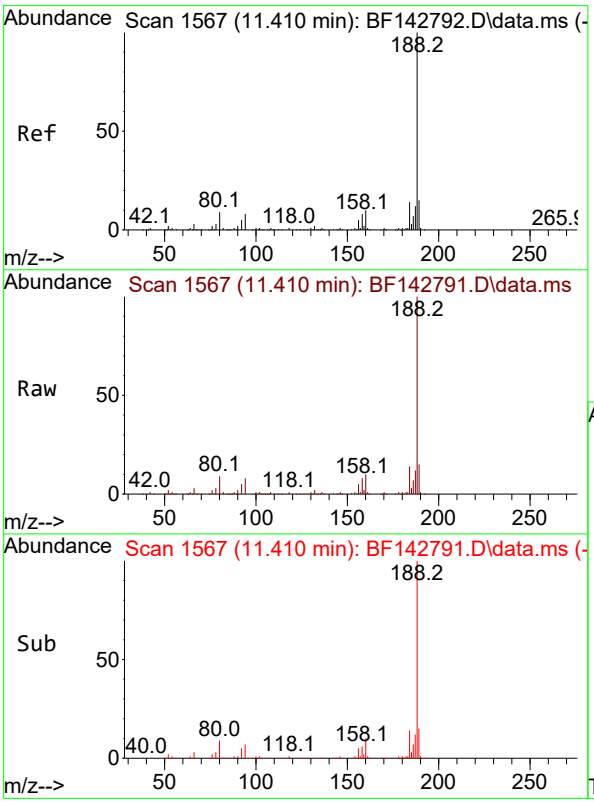
#63
Azobenzene
Concen: 20.263 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

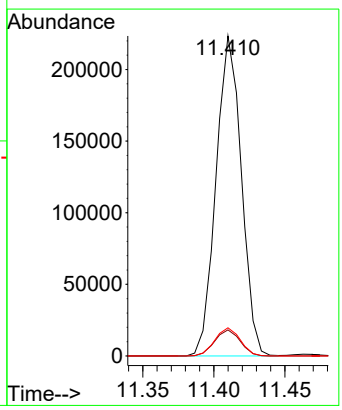


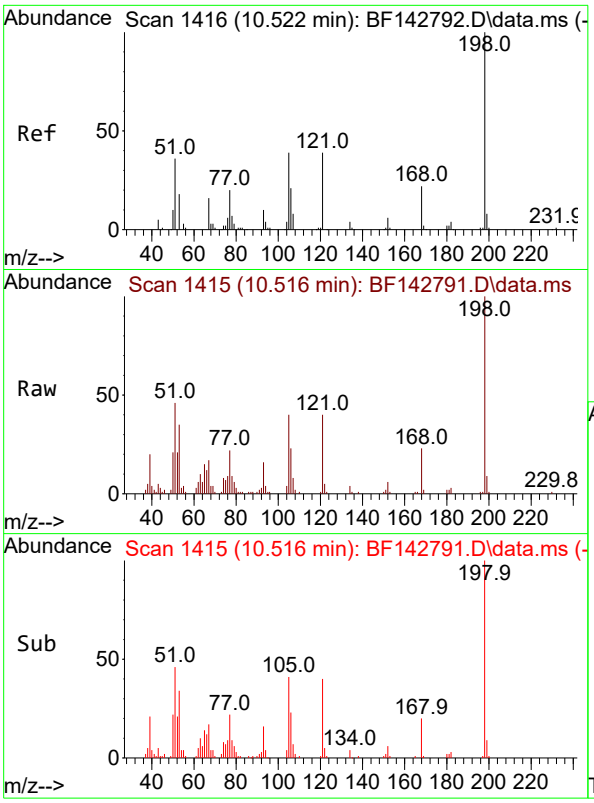


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



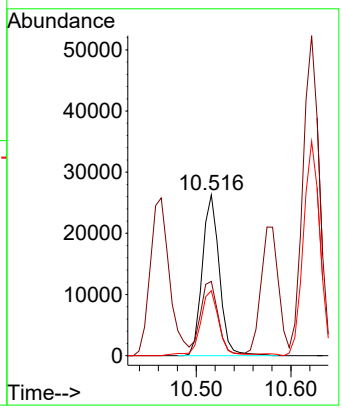


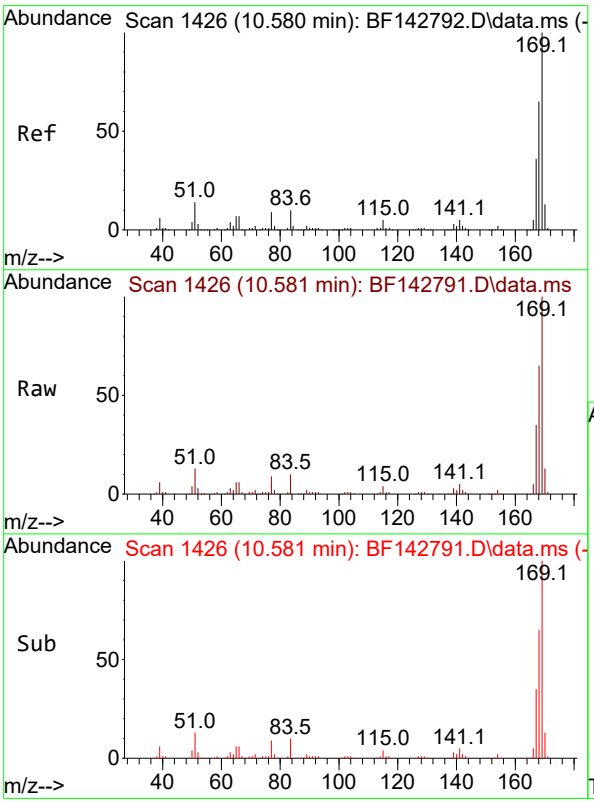
#65
4,6-Dinitro-2-methylphenol
Concen: 19.130 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

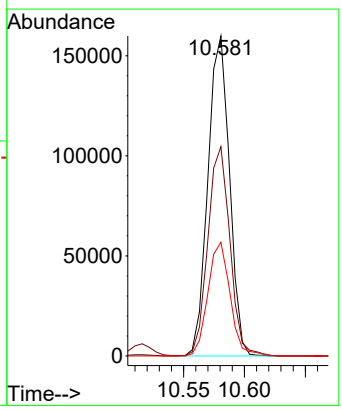


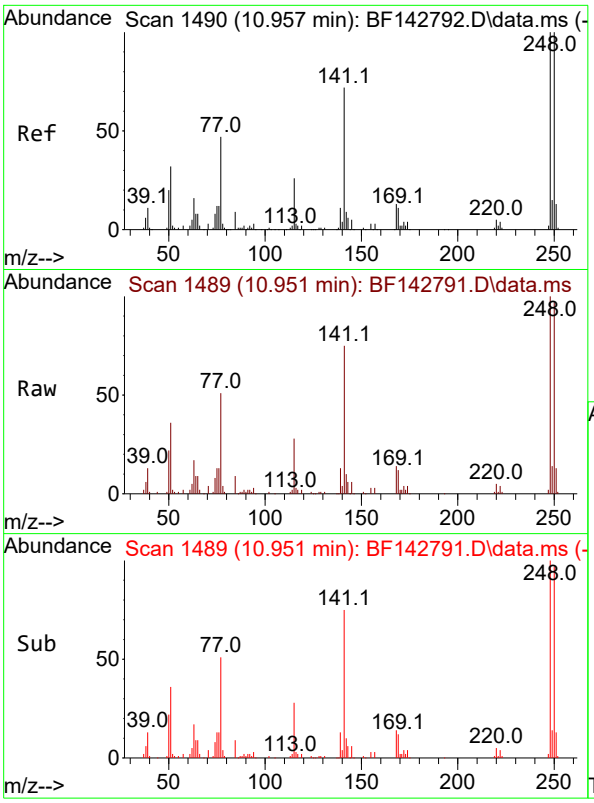


#66
n-Nitrosodiphenylamine
Concen: 20.670 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



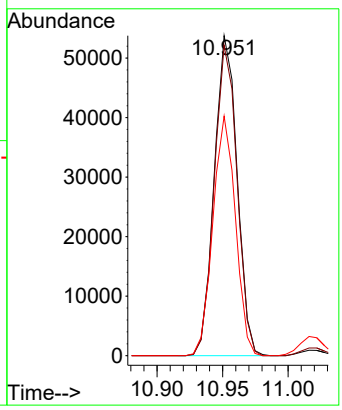


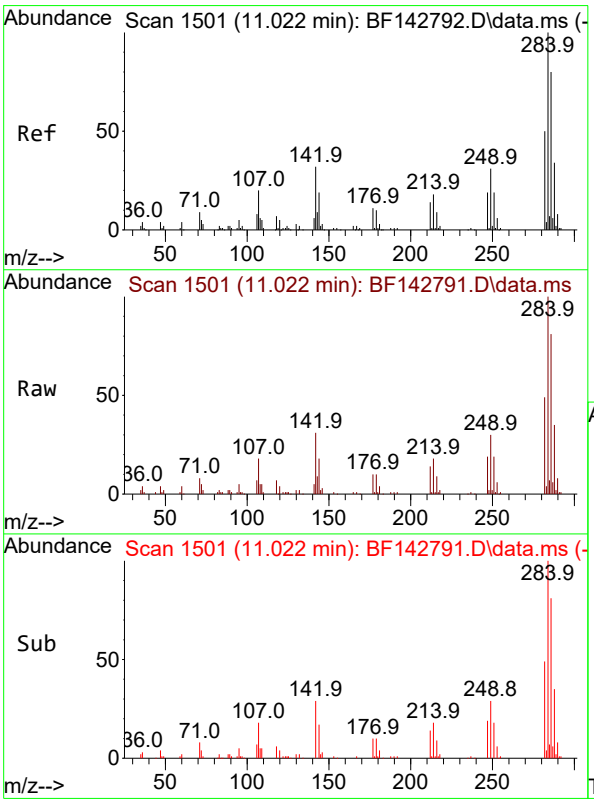
#67
4-Bromophenyl-phenylether
Concen: 20.068 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

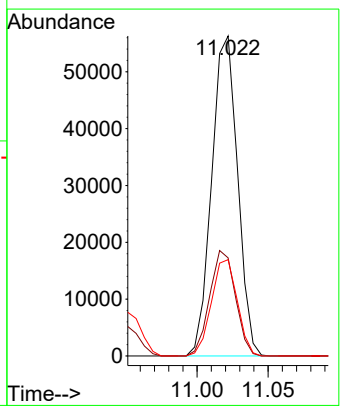


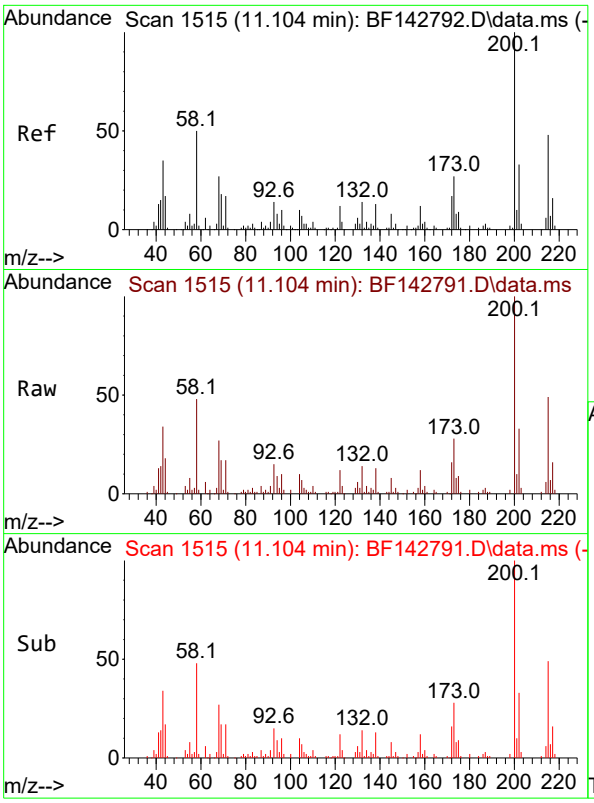


#68
Hexachlorobenzene
Concen: 19.802 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



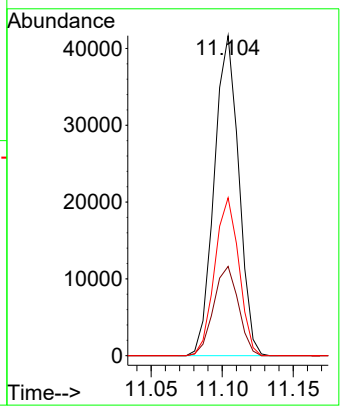


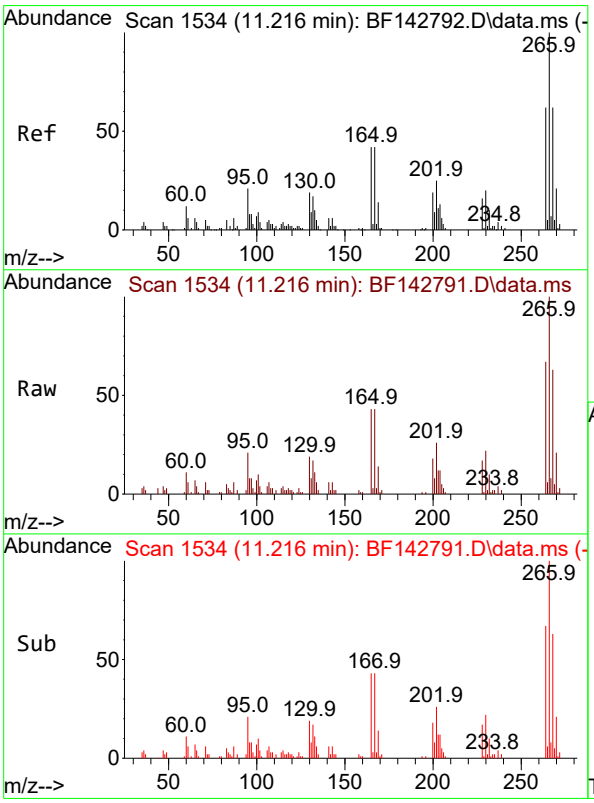
#69
Atrazine
Concen: 19.760 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

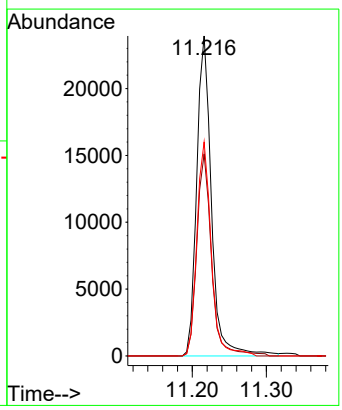


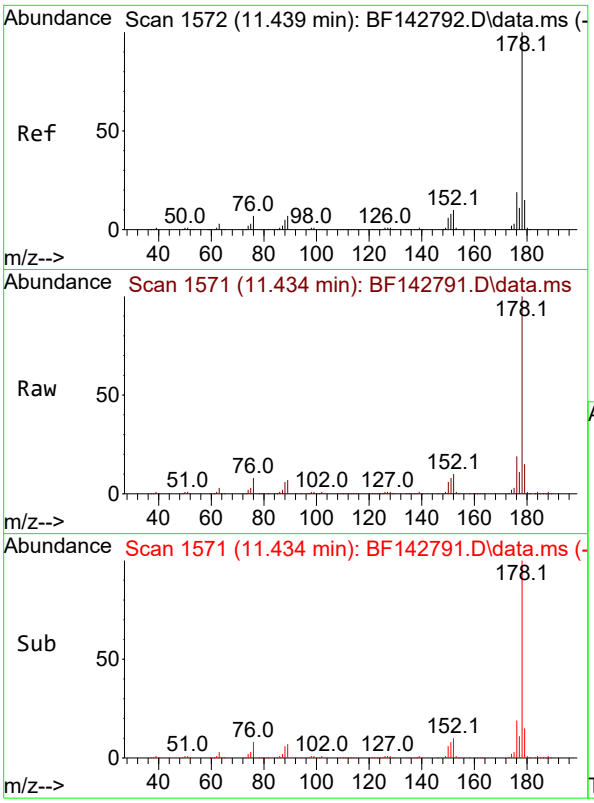


#70
Pentachlorophenol
Concen: 17.680 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



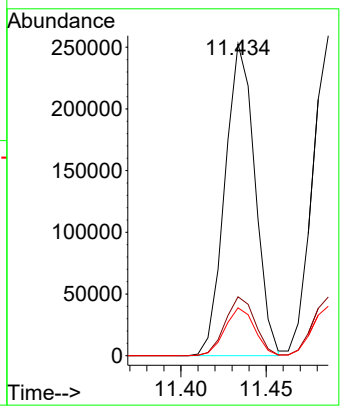


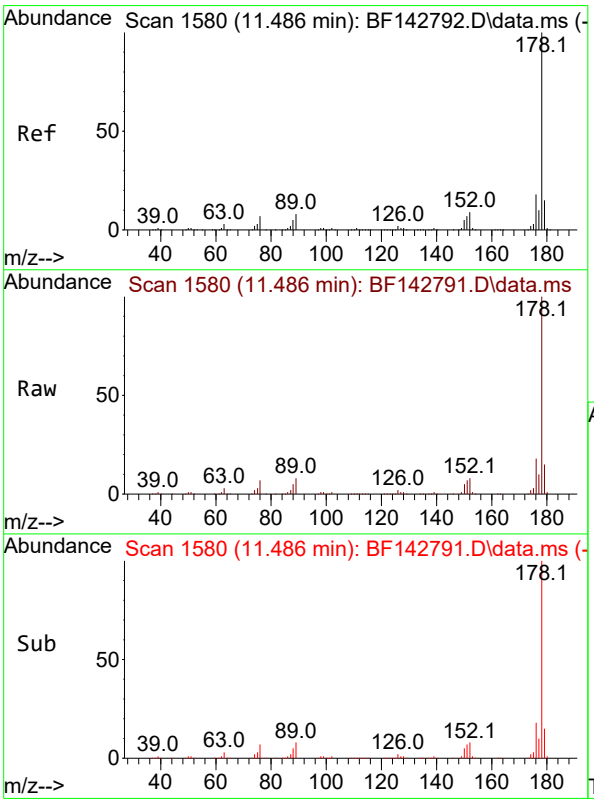
#71
Phenanthrene
Concen: 20.826 ng
RT: 11.434 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

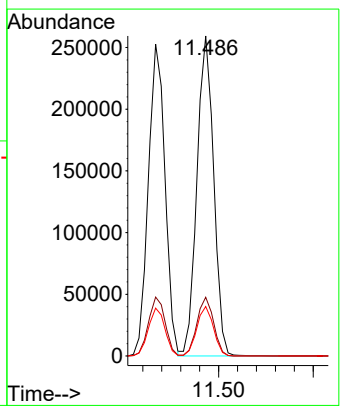


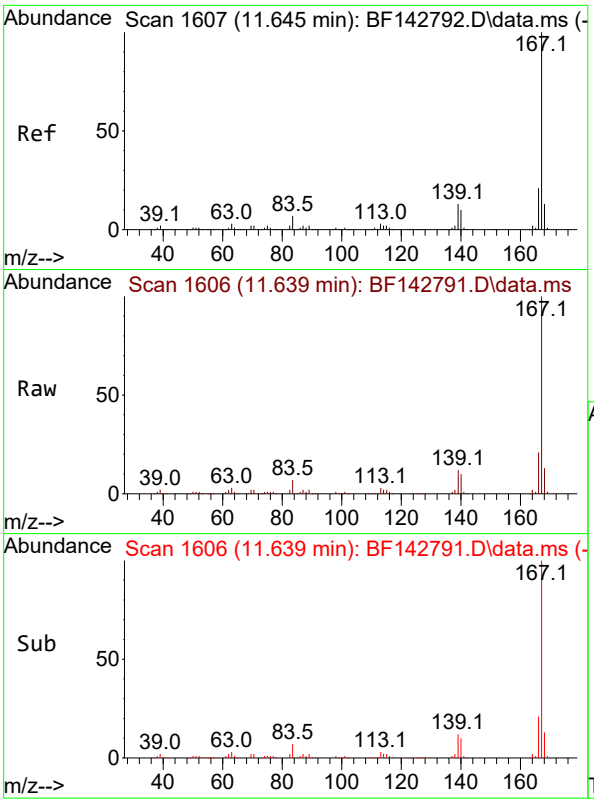


#72
Anthracene
Concen: 20.730 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



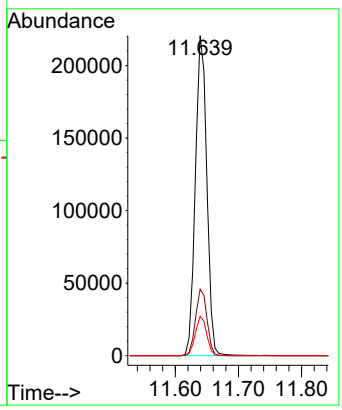


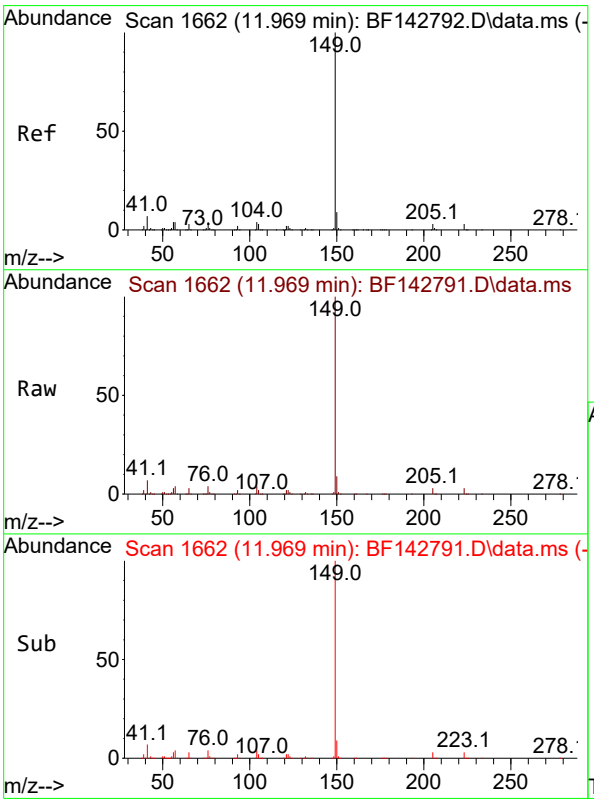
#73
Carbazole
Concen: 21.523 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

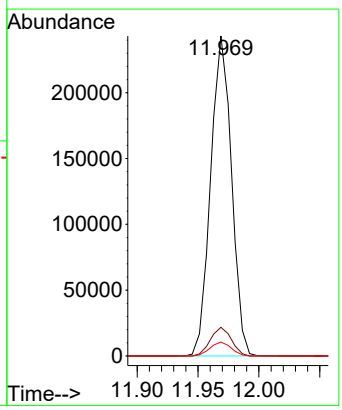


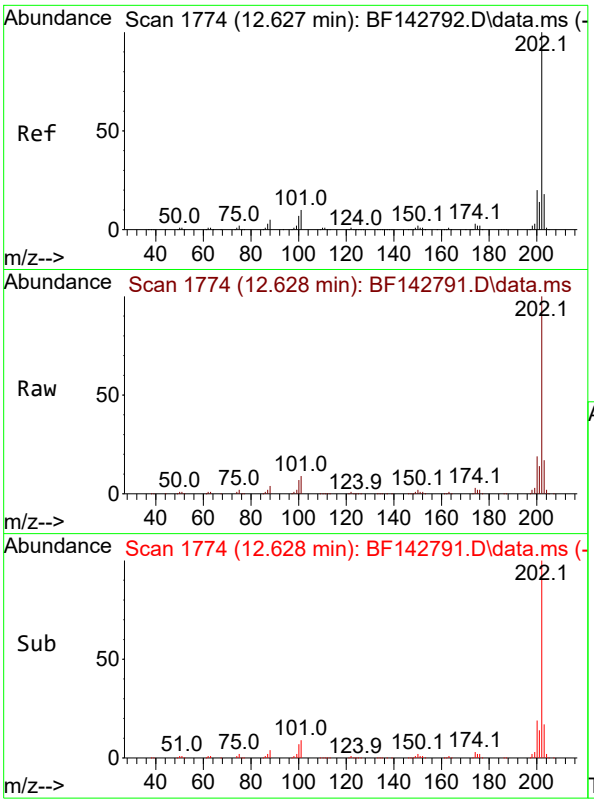


#74
Di-n-butylphthalate
Concen: 20.342 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



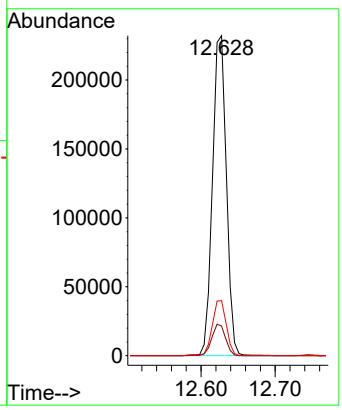


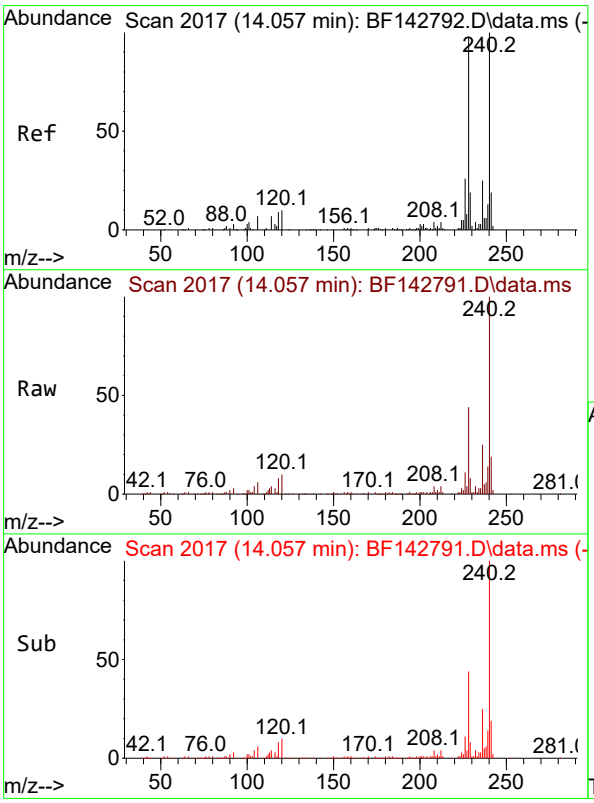
#75
Fluoranthene
Concen: 21.424 ng
RT: 12.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

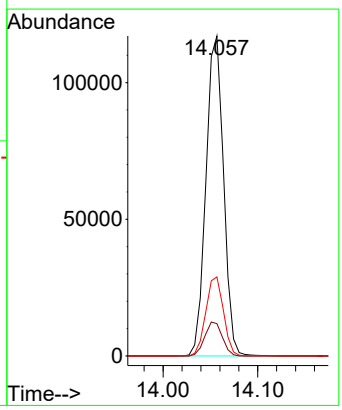


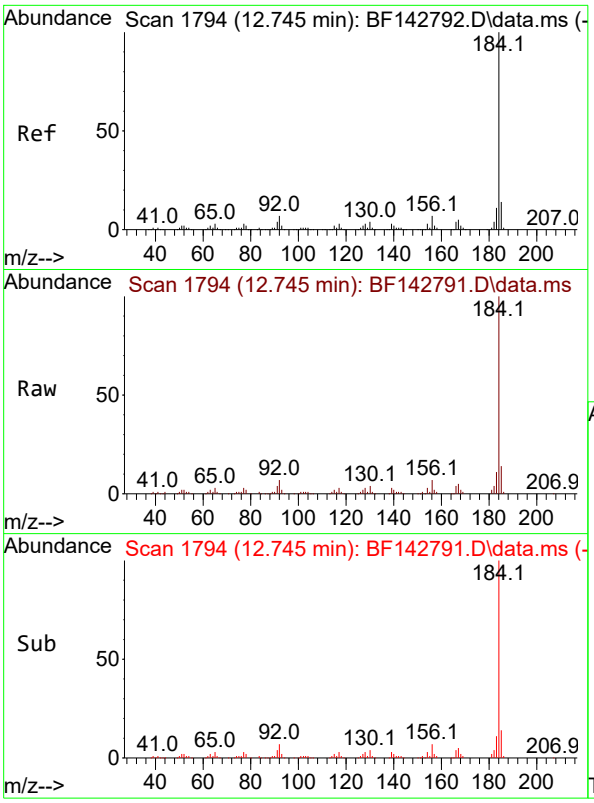


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



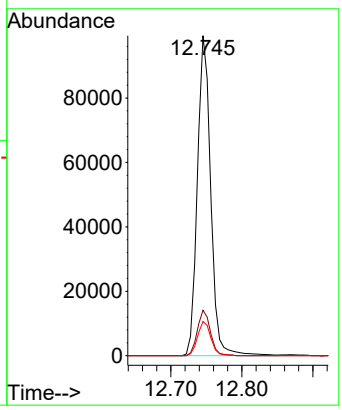


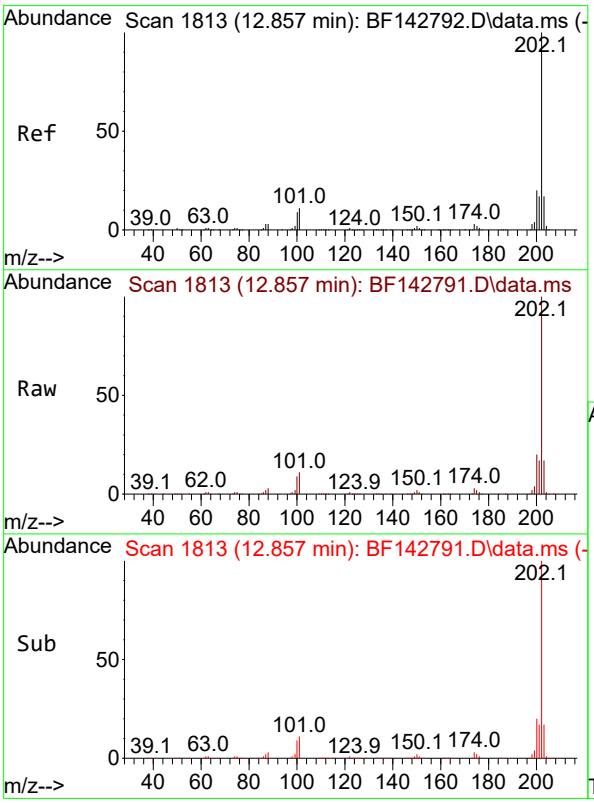
#77
Benzidine
Concen: 24.285 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

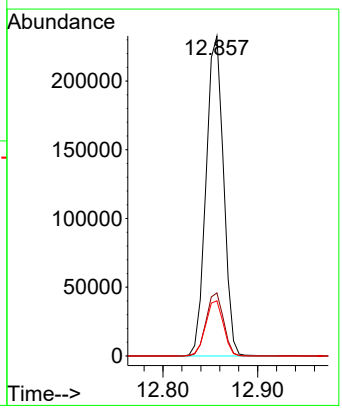


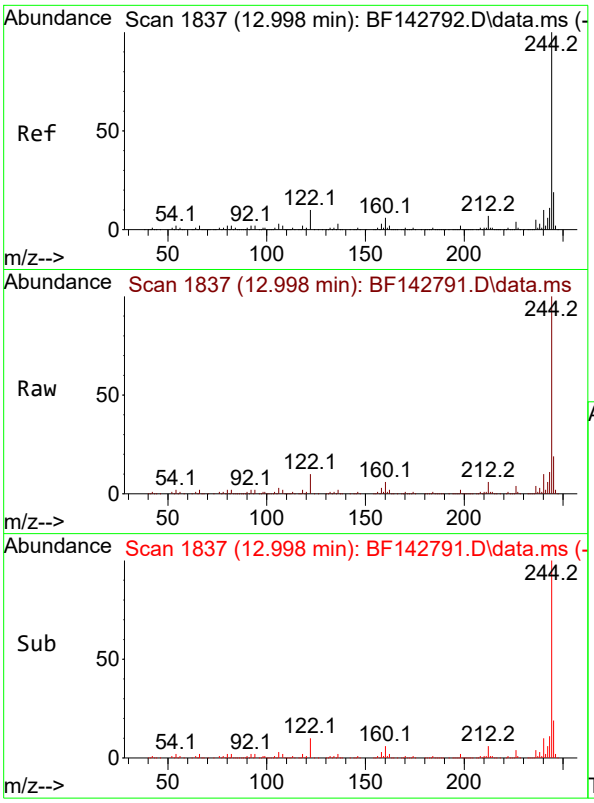


#78
Pyrene
Concen: 21.413 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



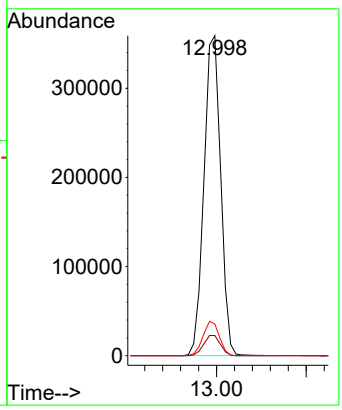


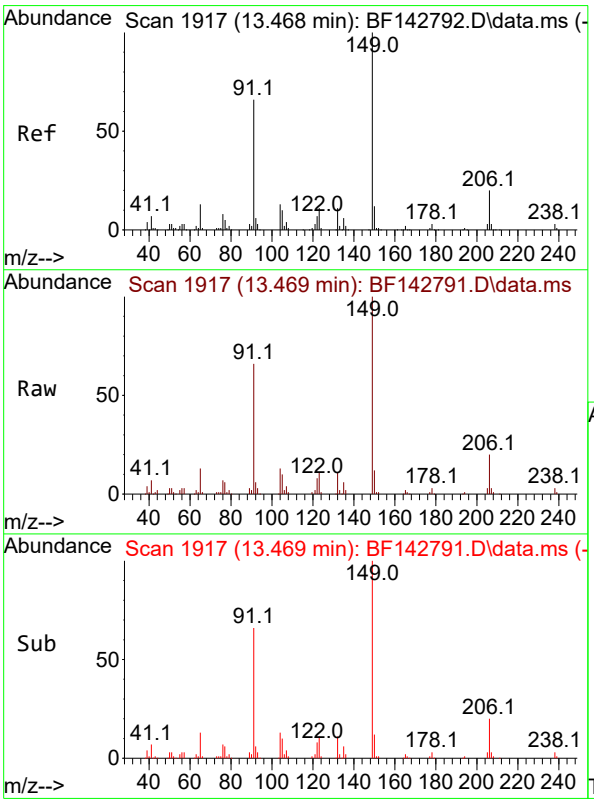
#79
Terphenyl-d14
Concen: 42.675 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

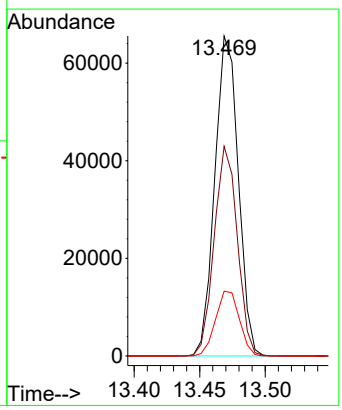


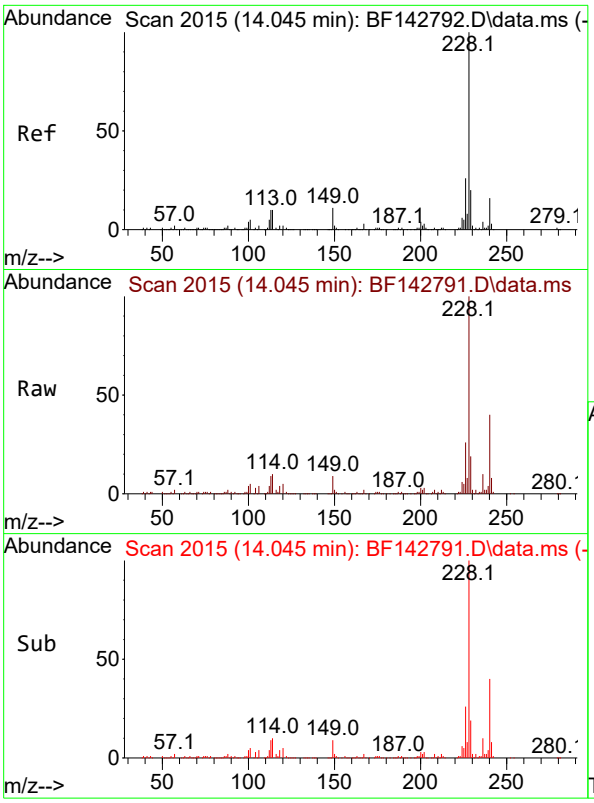


#80
Butylbenzylphthalate
Concen: 19.761 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



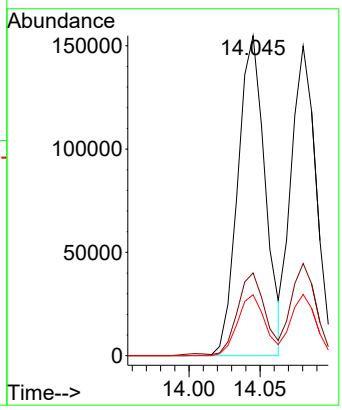


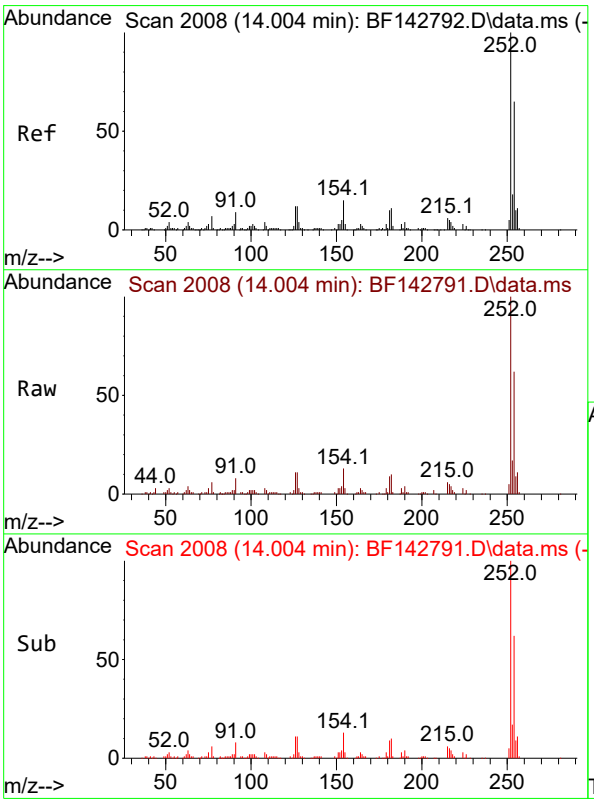
#81
Benzo(a)anthracene
Concen: 20.807 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

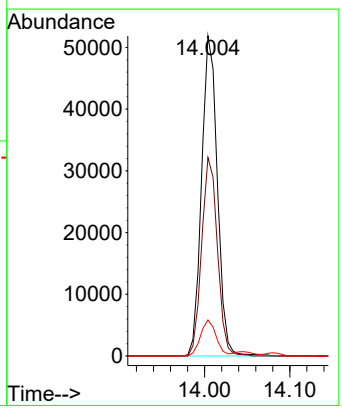


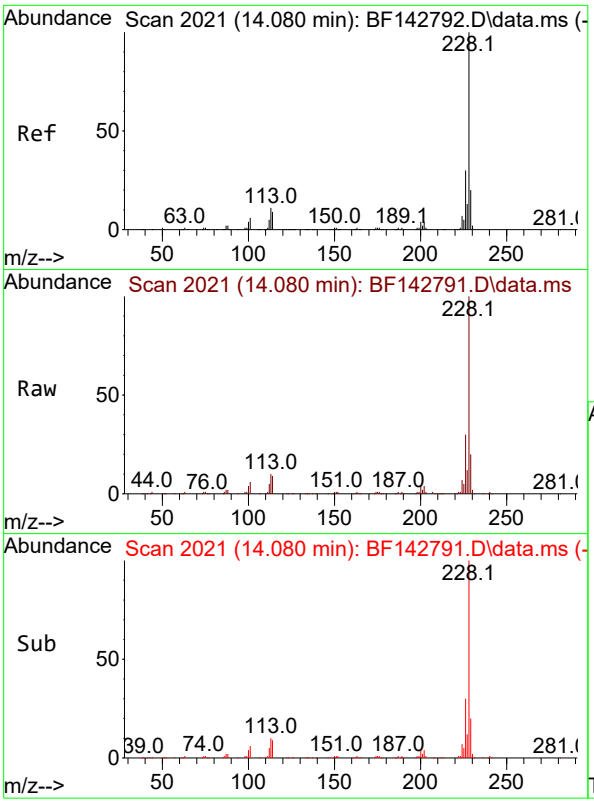


#82
3,3'-Dichlorobenzidine
Concen: 20.714 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



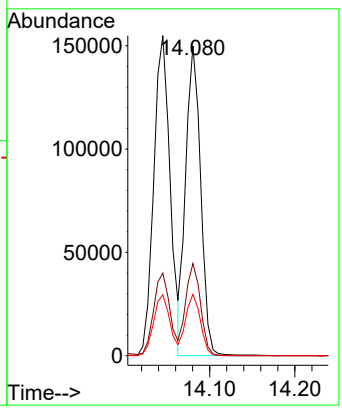


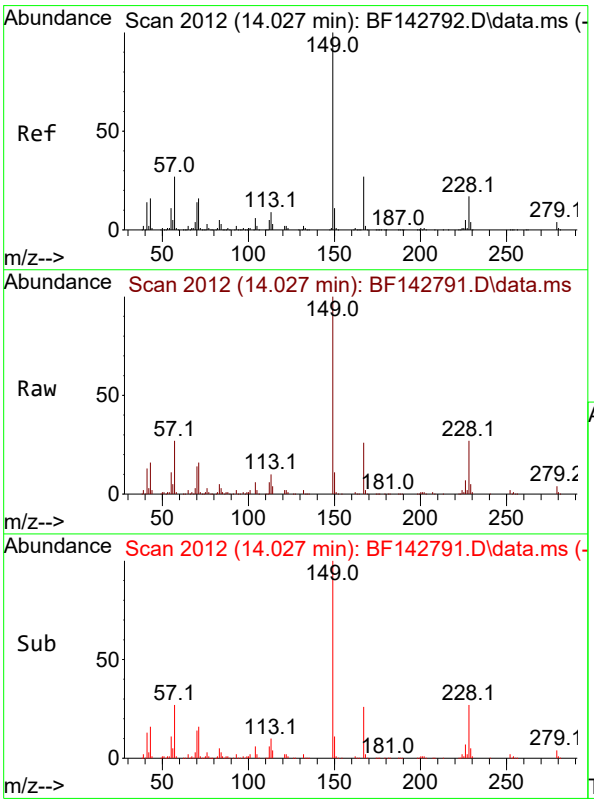
#83
Chrysene
Concen: 19.756 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

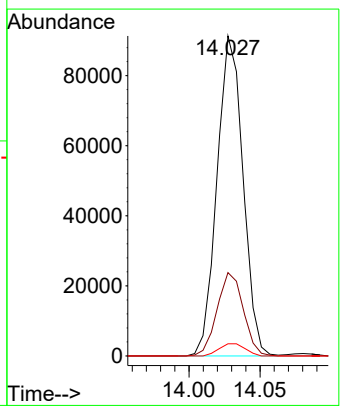


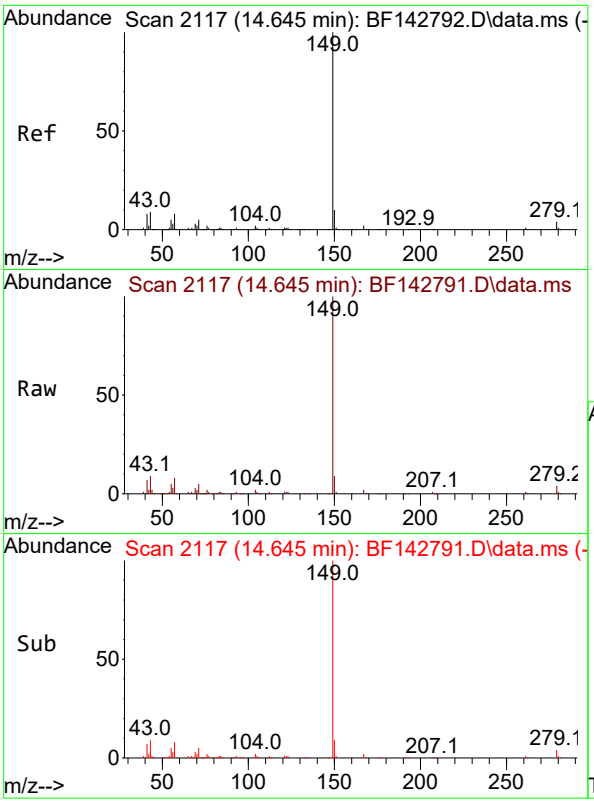


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.892 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



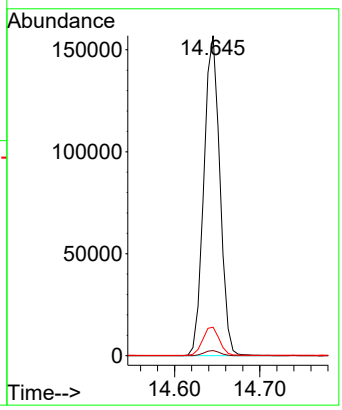


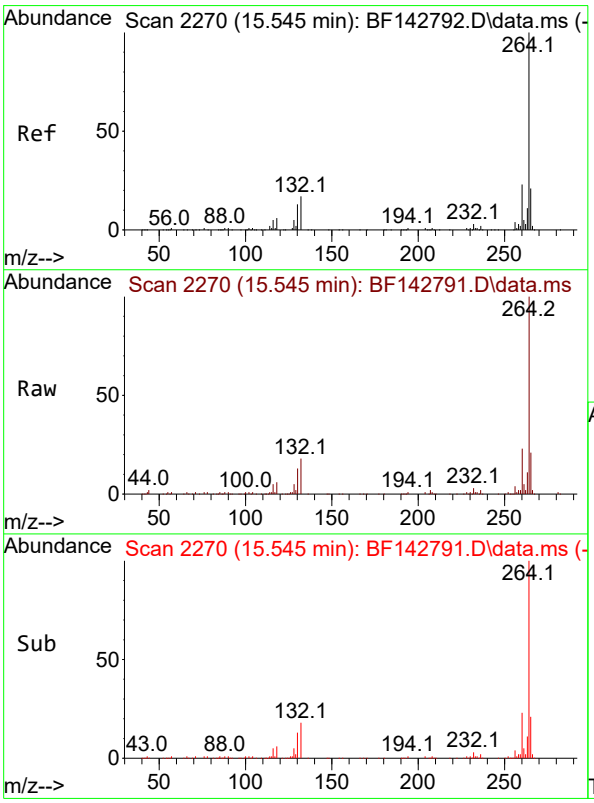
#85
Di-n-octyl phthalate
Concen: 17.475 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

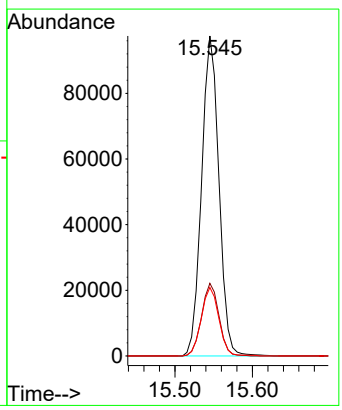


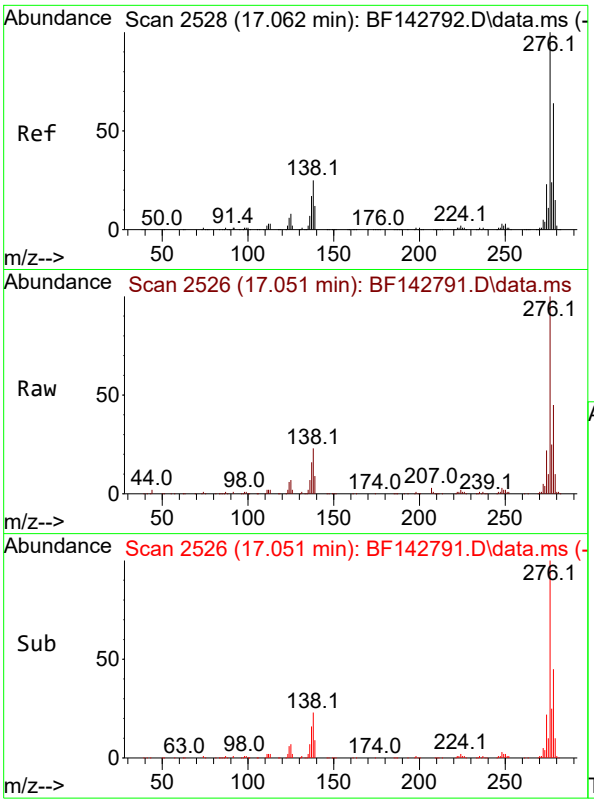


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



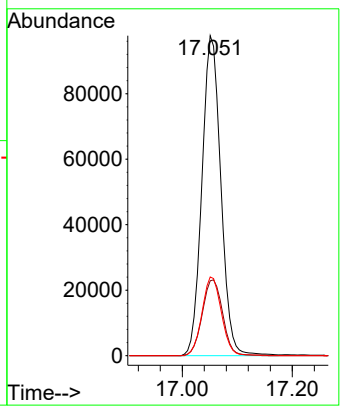


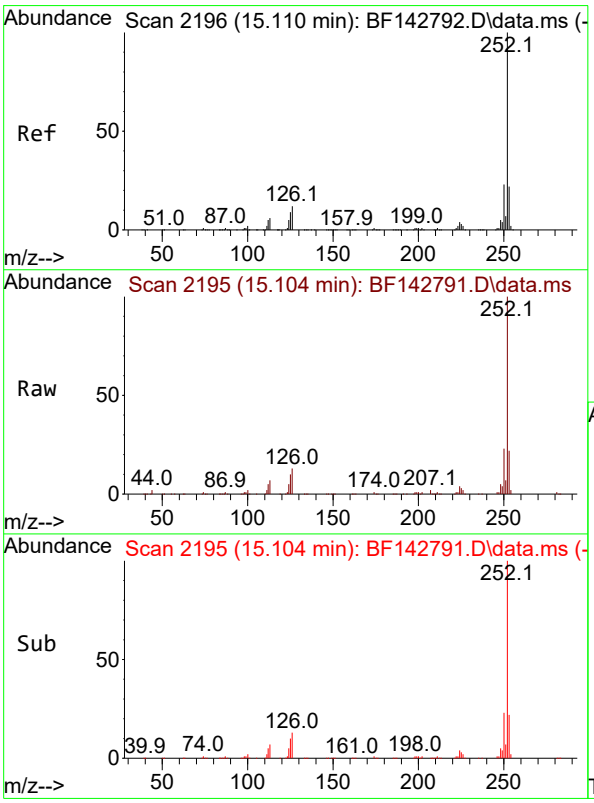
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.893 ng
RT: 17.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

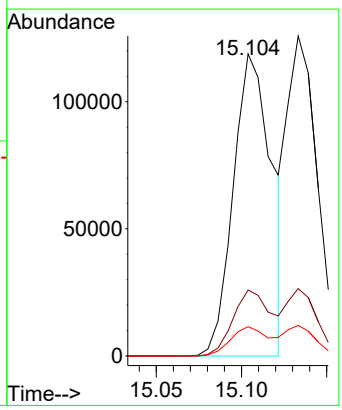


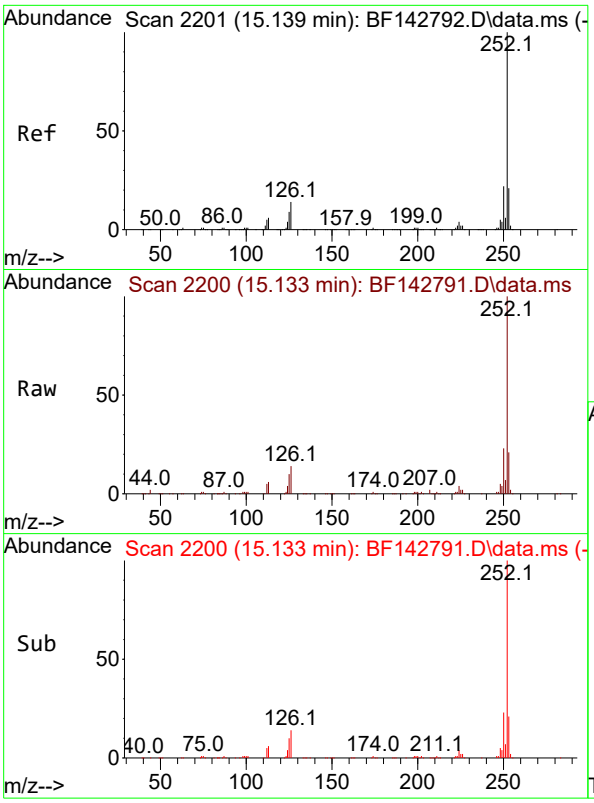


#88
Benzo(b)fluoranthene
Concen: 21.056 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



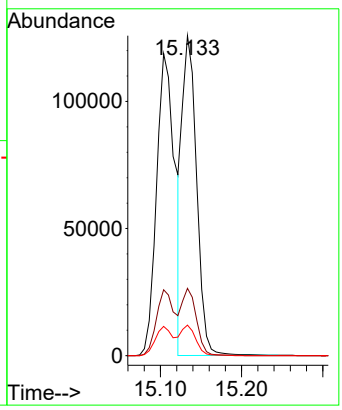


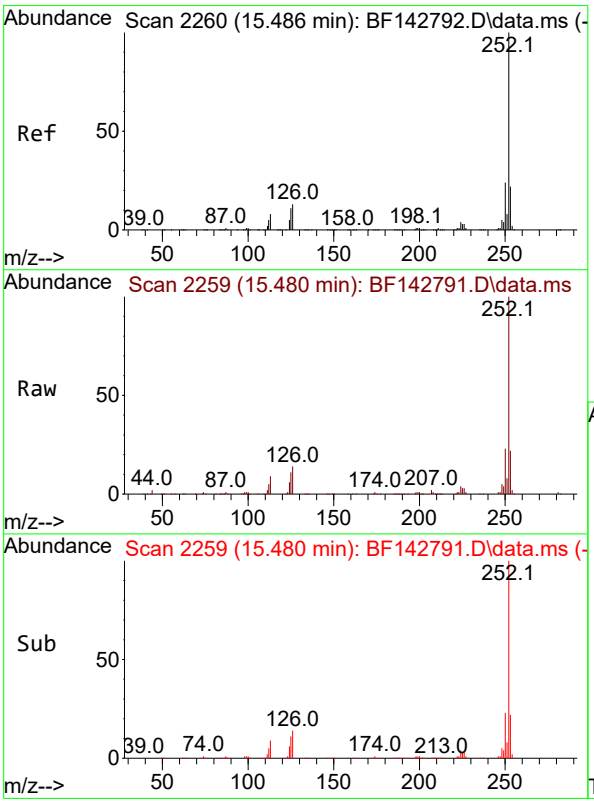
#89
Benzo(k)fluoranthene
Concen: 18.201 ng
RT: 15.133 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

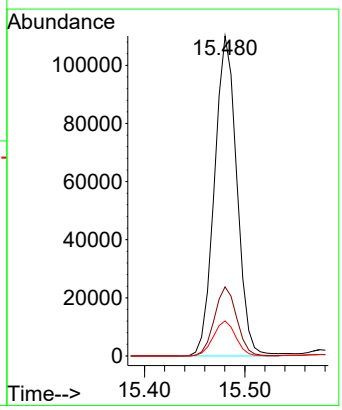


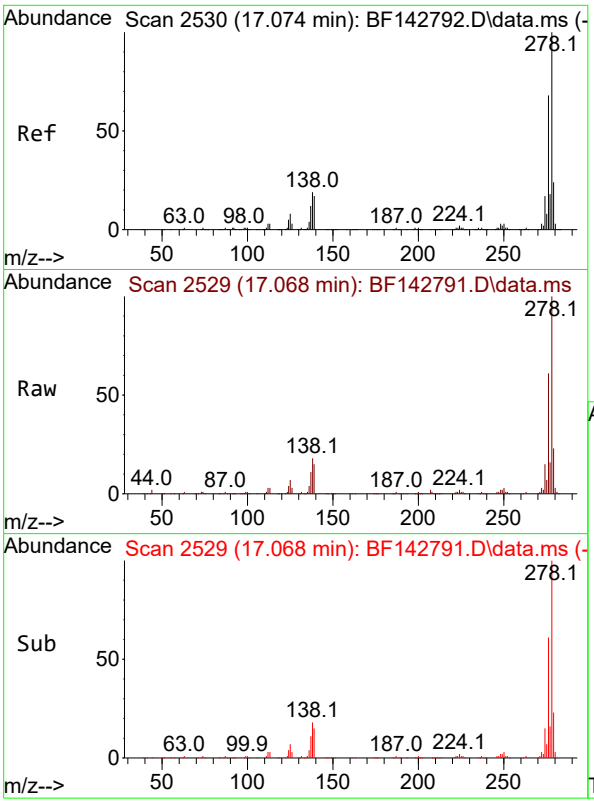


#90
Benzo(a)pyrene
Concen: 20.162 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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



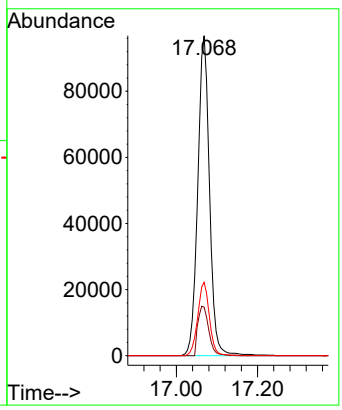


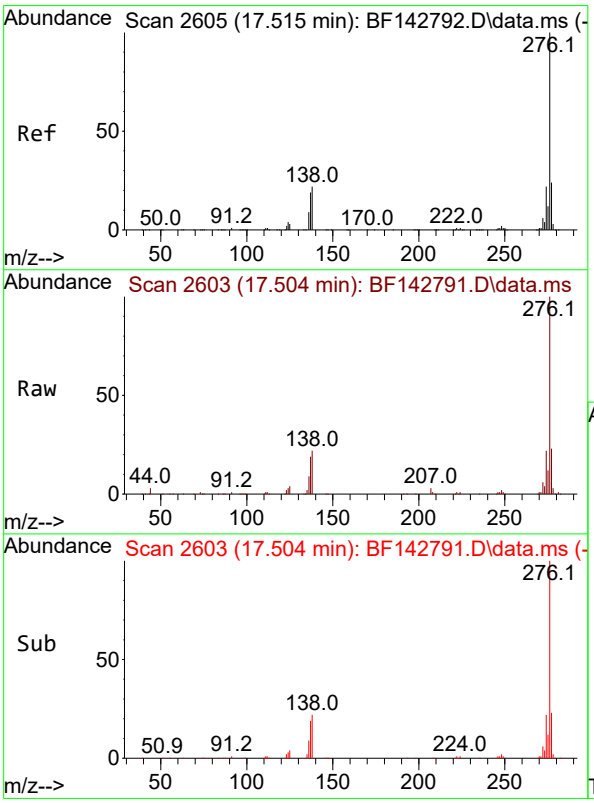
#91
Dibenzo(a,h)anthracene
Concen: 21.504 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

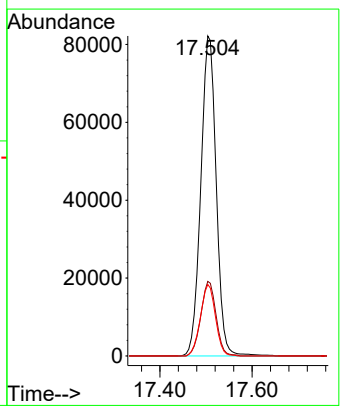




#92
Benzo(g,h,i)perylene
Concen: 21.109 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142791.D
Acq: 19 Jun 2025 18:39

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

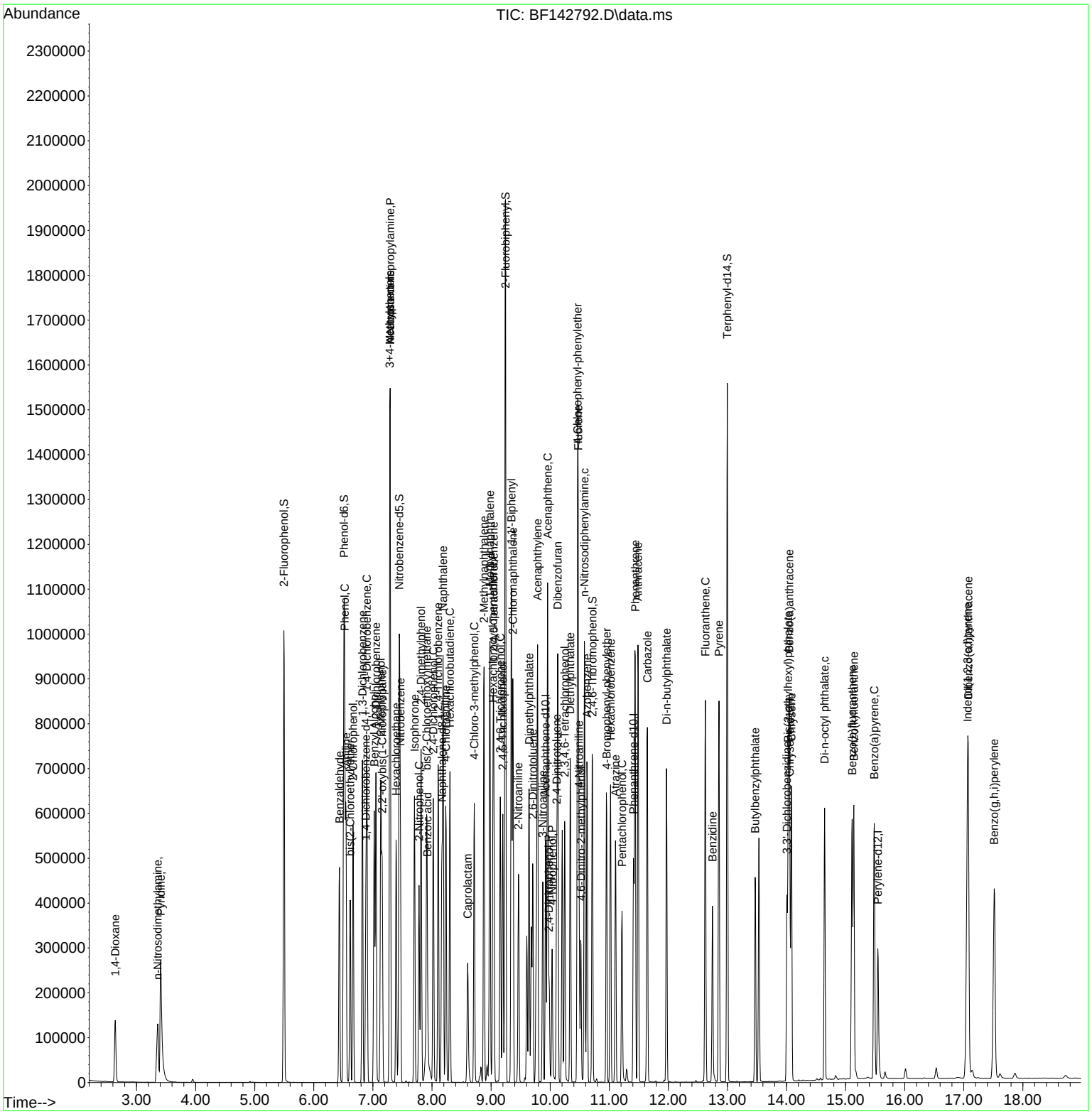
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	126712	38.774	ng	100
46) 1,1'-Biphenyl	9.345	154	487587	38.765	ng	100
47) 2-Chloronaphthalene	9.369	162	365760	39.408	ng	100
48) 2-Nitroaniline	9.463	65	105098	39.858	ng	100
49) Acenaphthylene	9.786	152	603057	38.649	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

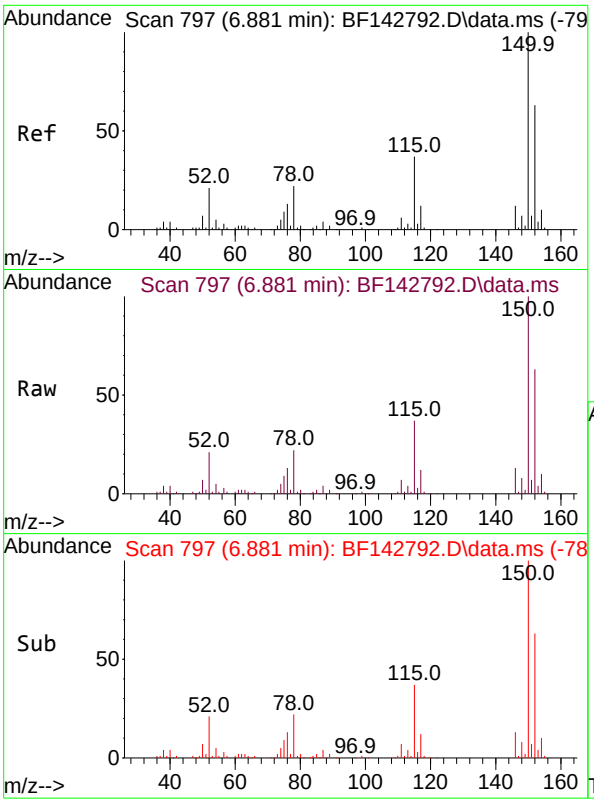
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142792.D
Acq On : 19 Jun 2025 19:09
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 20 04:39:58 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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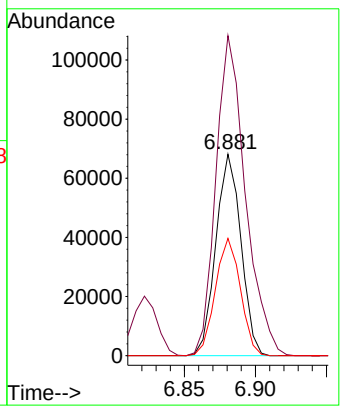


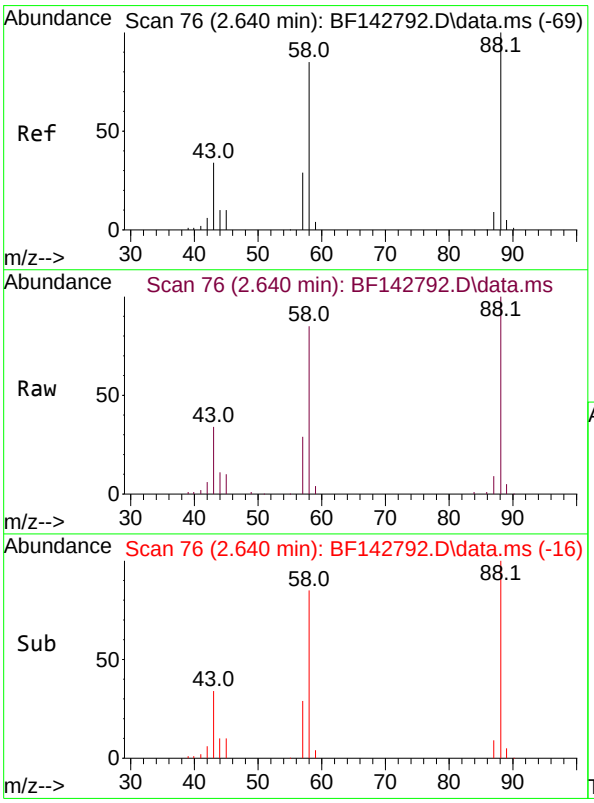
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

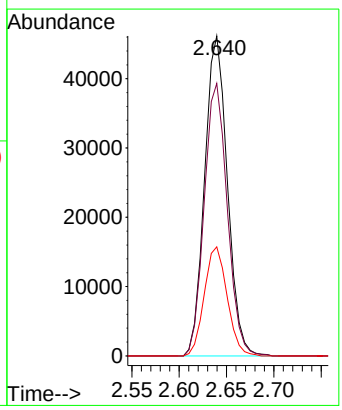


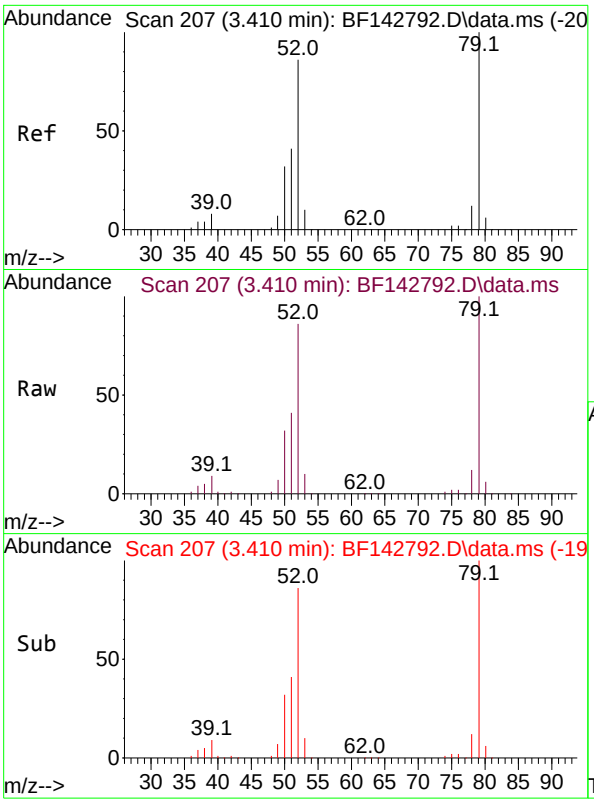


#2
1,4-Dioxane
Concen: 39.596 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



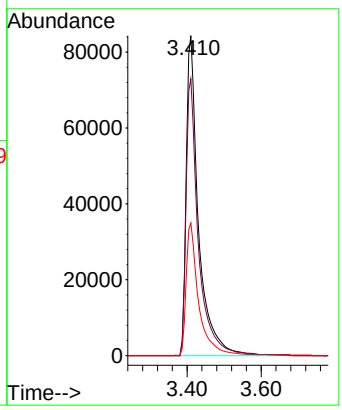


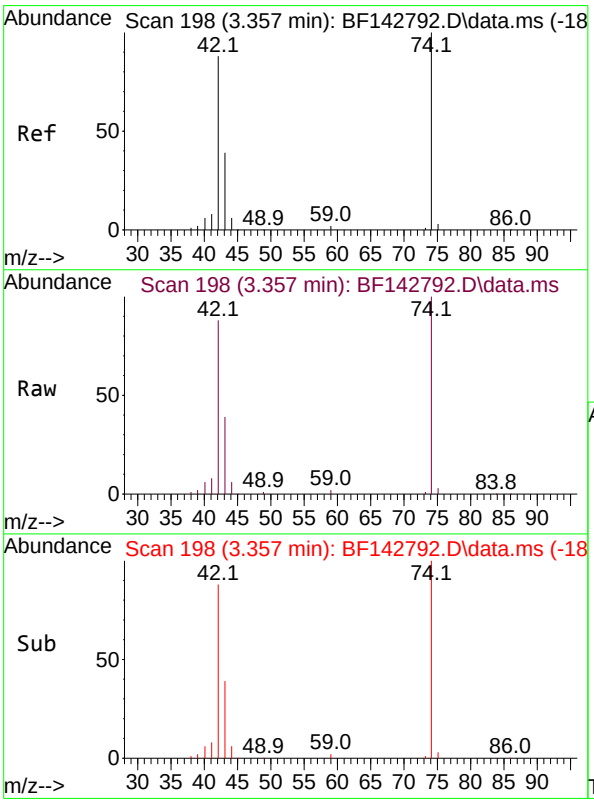
#3
Pyridine
Concen: 39.924 ng
RT: 3.410 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

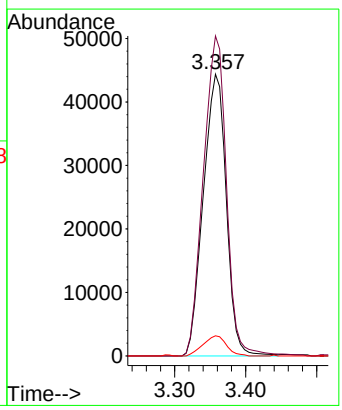


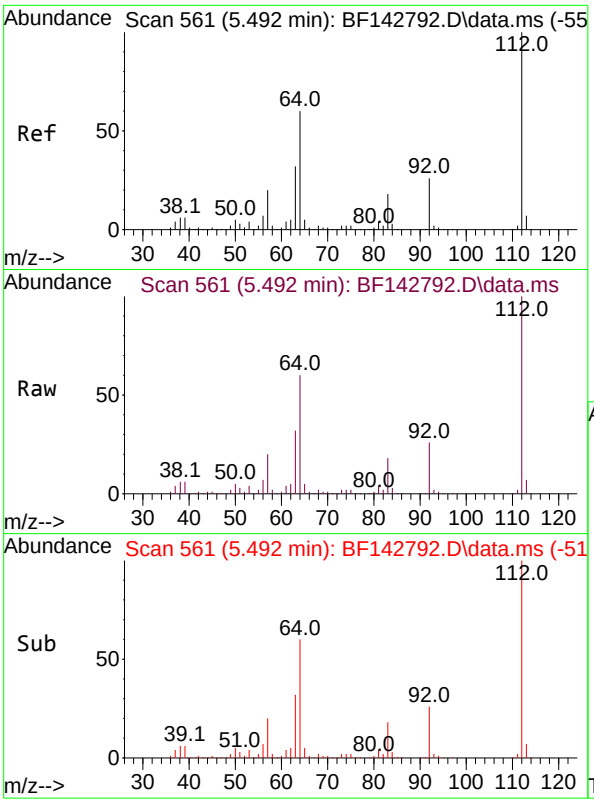


#4
n-Nitrosodimethylamine
Concen: 39.943 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



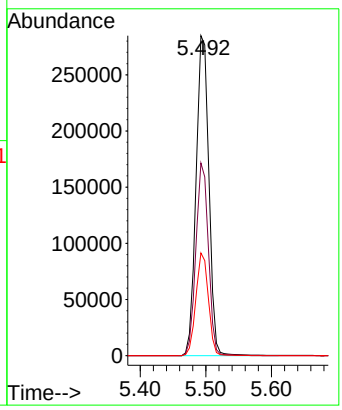


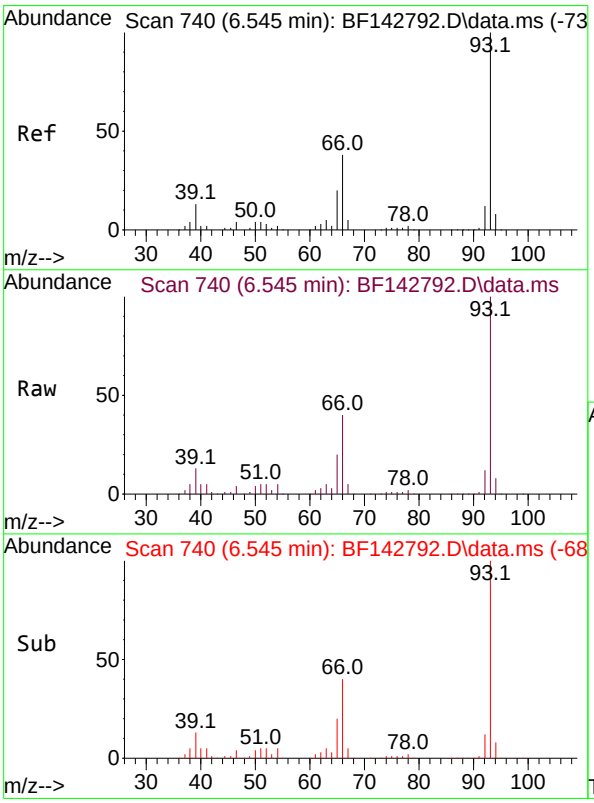
#5
2-Fluorophenol
Concen: 78.420 ng
RT: 5.492 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

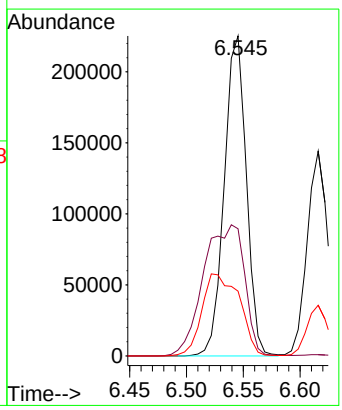


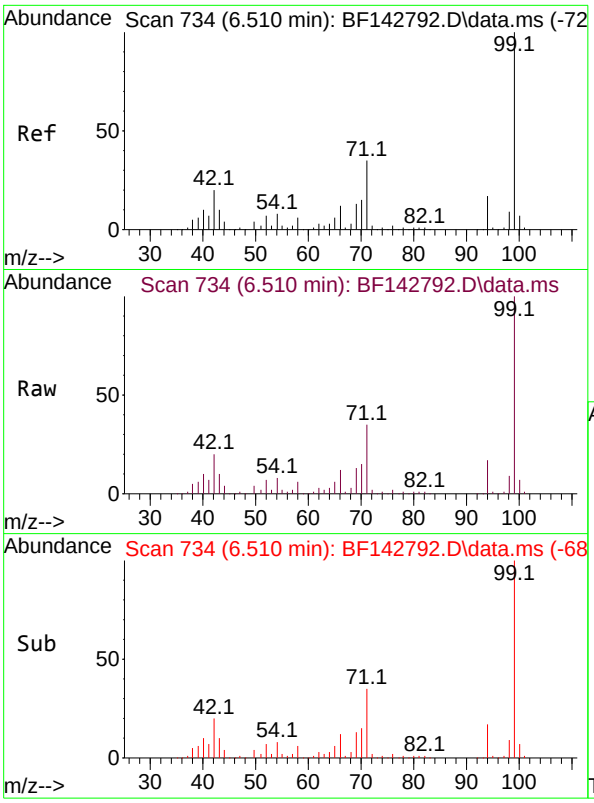


#6
Aniline
Concen: 39.397 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



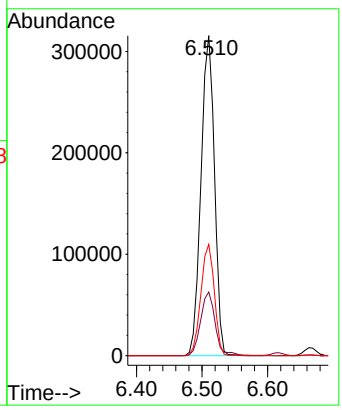


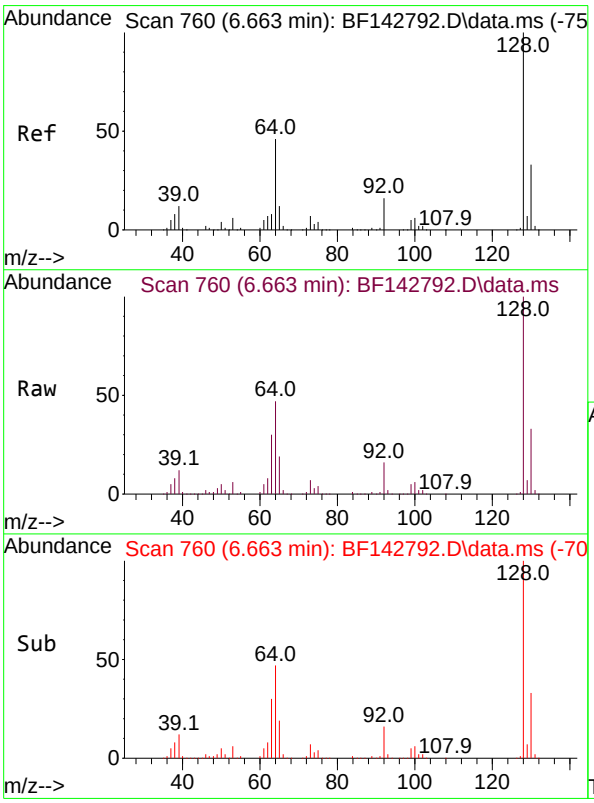
#7
Phenol-d6
Concen: 77.879 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

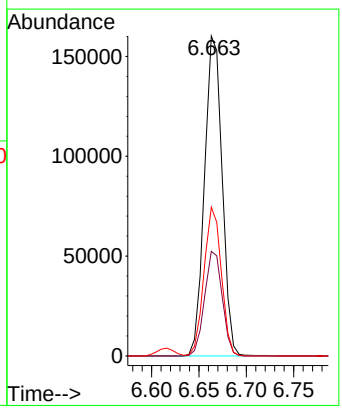


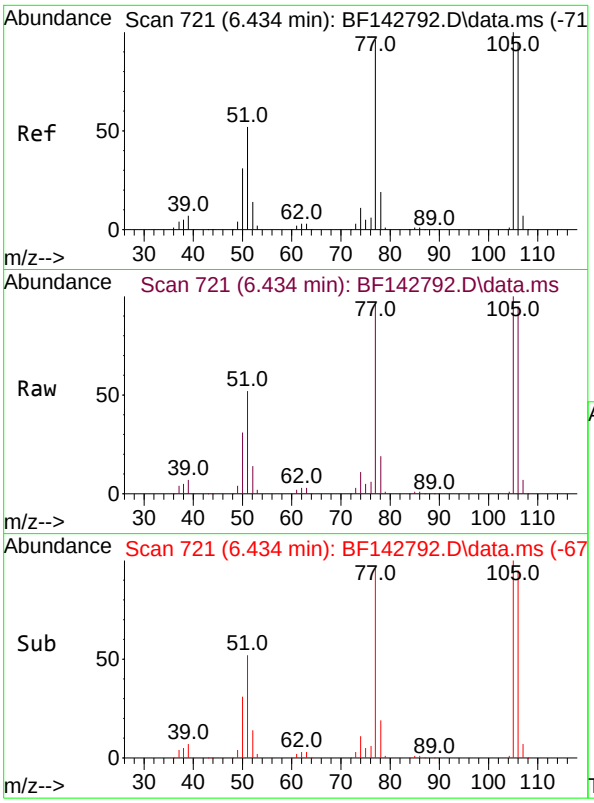


#8
2-Chlorophenol
Concen: 38.992 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



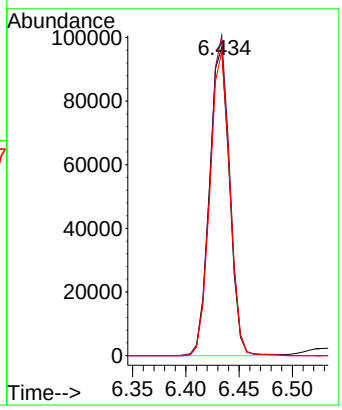


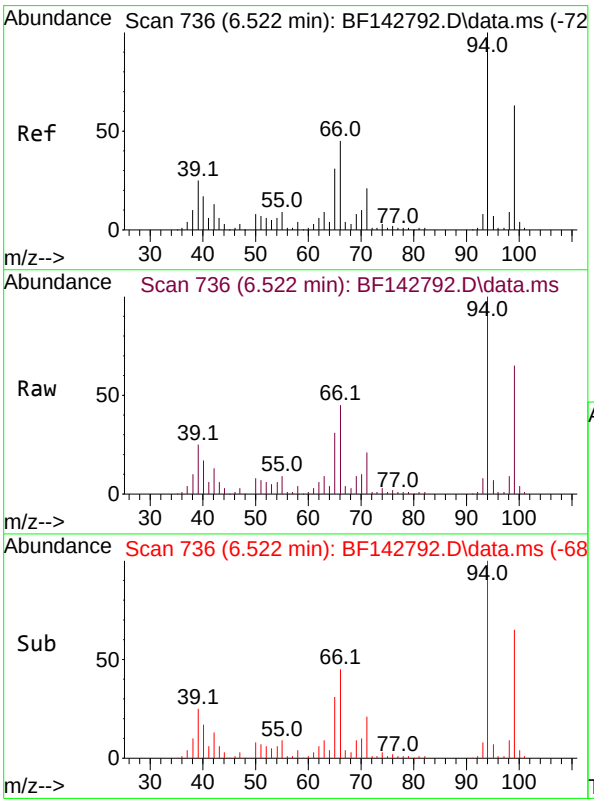
#9
Benzaldehyde
Concen: 36.063 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

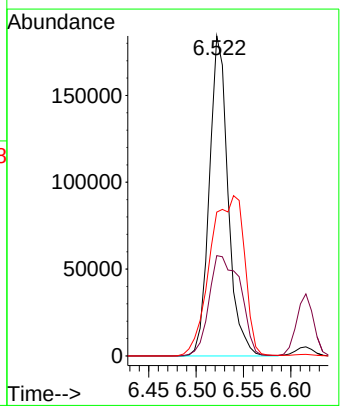


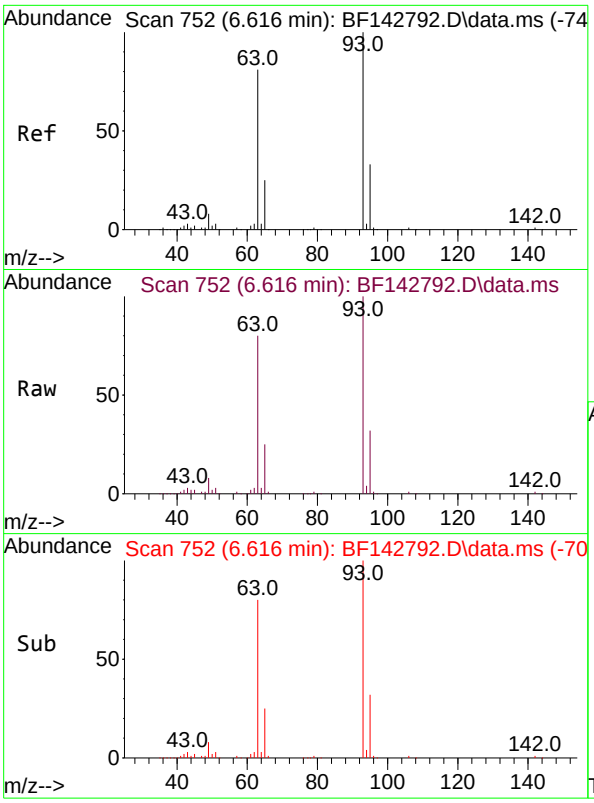


#10
Phenol
Concen: 39.504 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



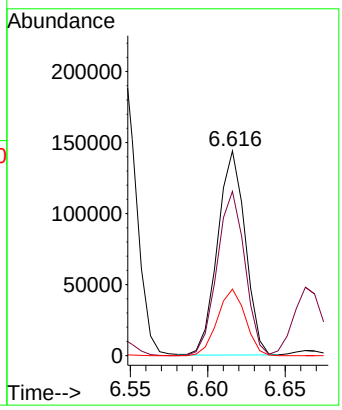


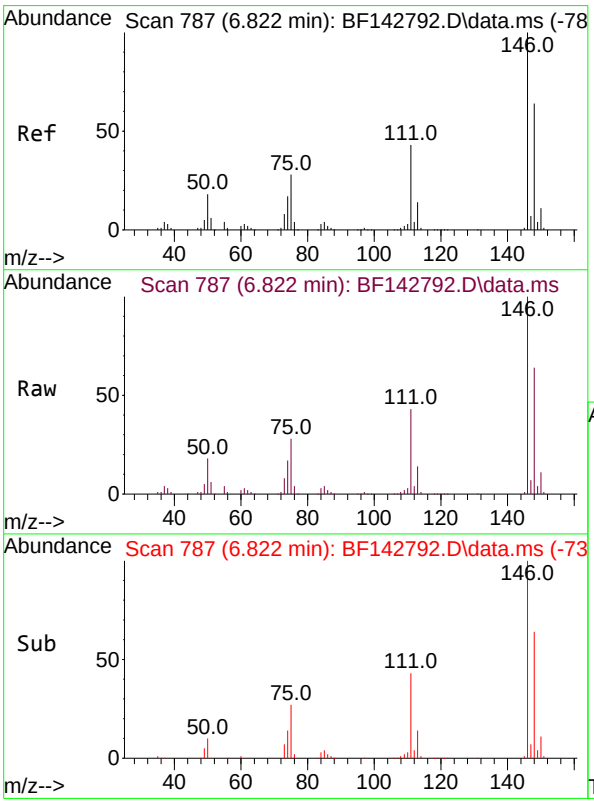
#11
bis(2-Chloroethyl)ether
Concen: 37.634 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

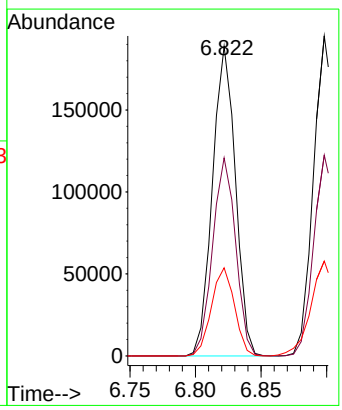


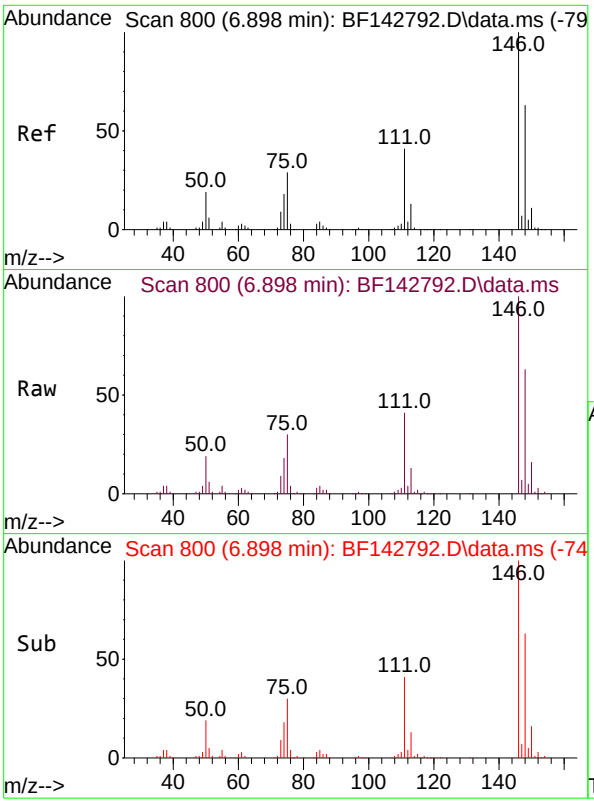


#12
1,3-Dichlorobenzene
Concen: 37.892 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



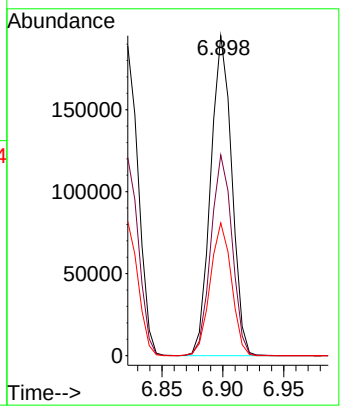


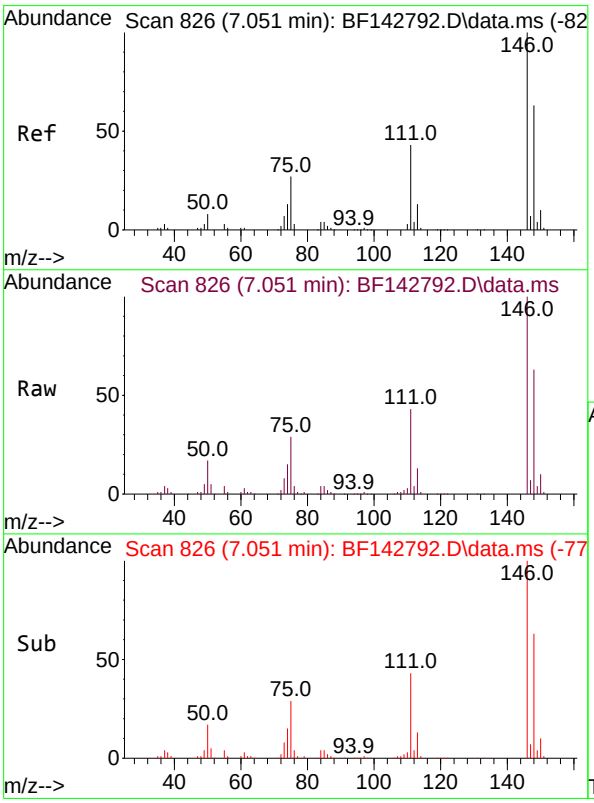
#13
1,4-Dichlorobenzene
Concen: 38.243 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

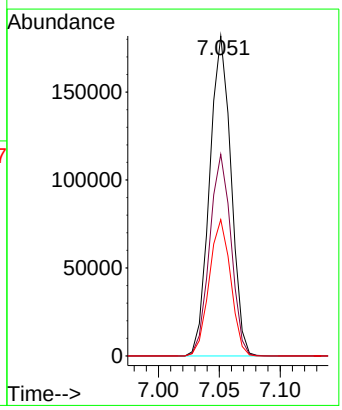


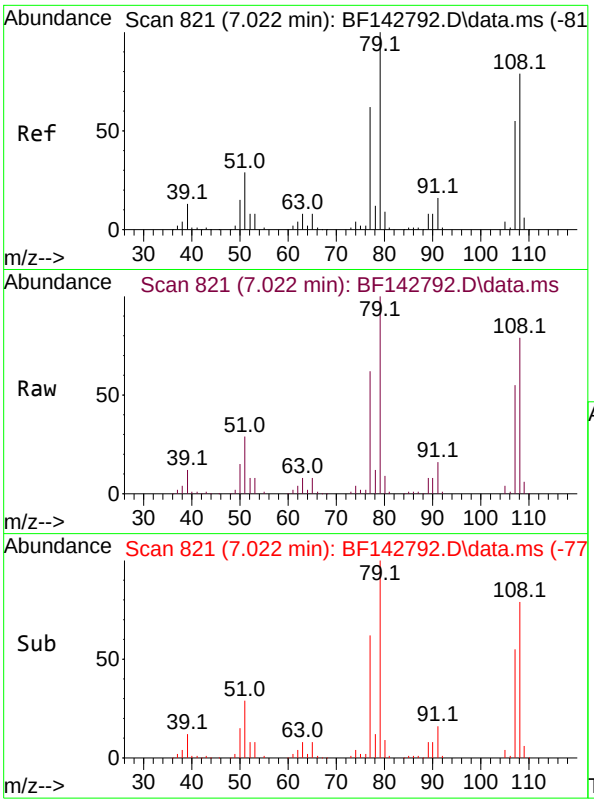


#14
1,2-Dichlorobenzene
Concen: 37.805 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



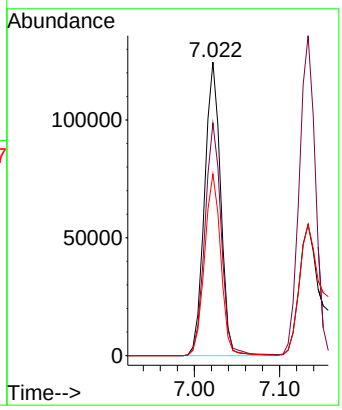


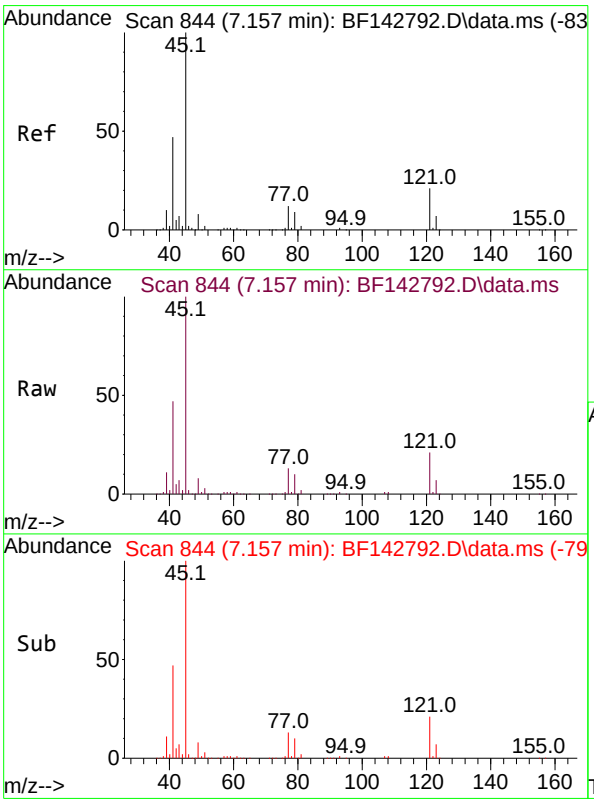
#15
Benzyl Alcohol
Concen: 37.888 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

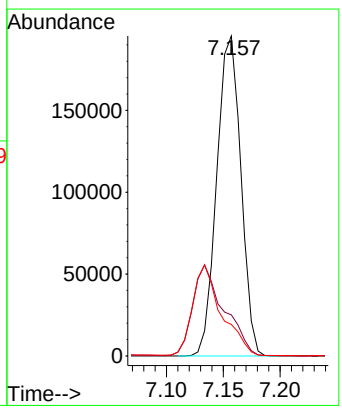


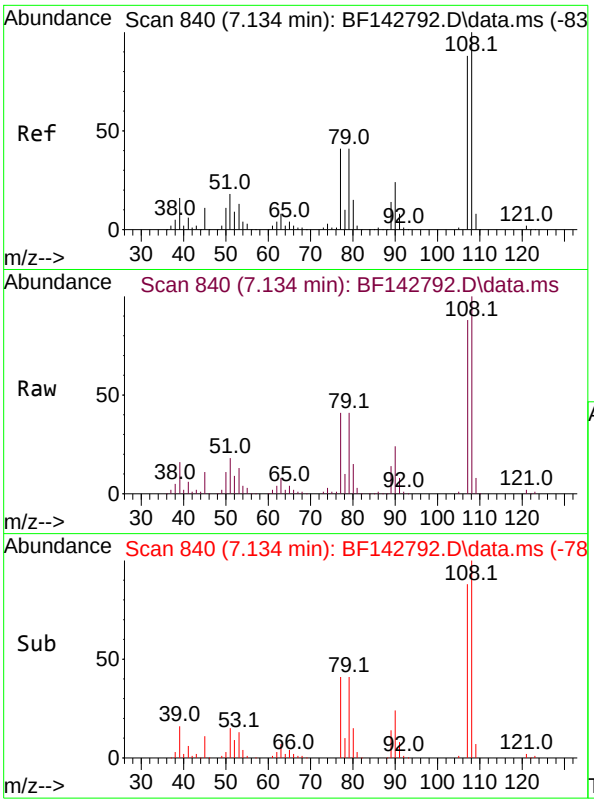


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.400 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



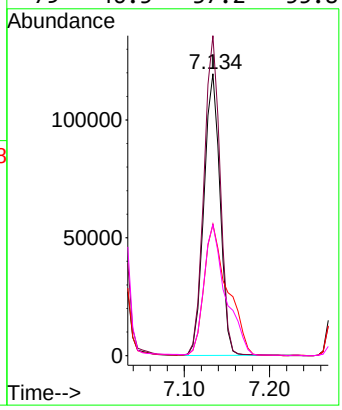


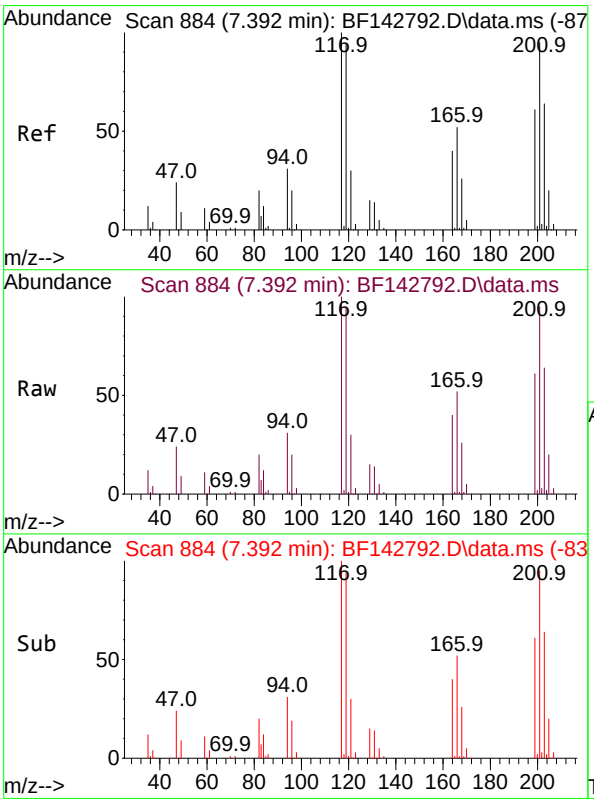
#17
2-Methylphenol
Concen: 38.454 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

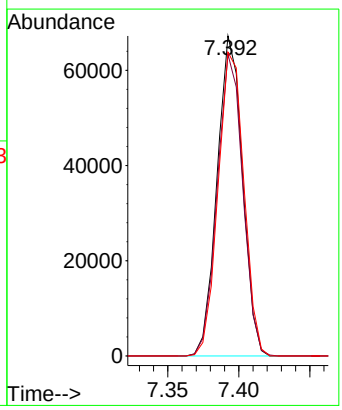


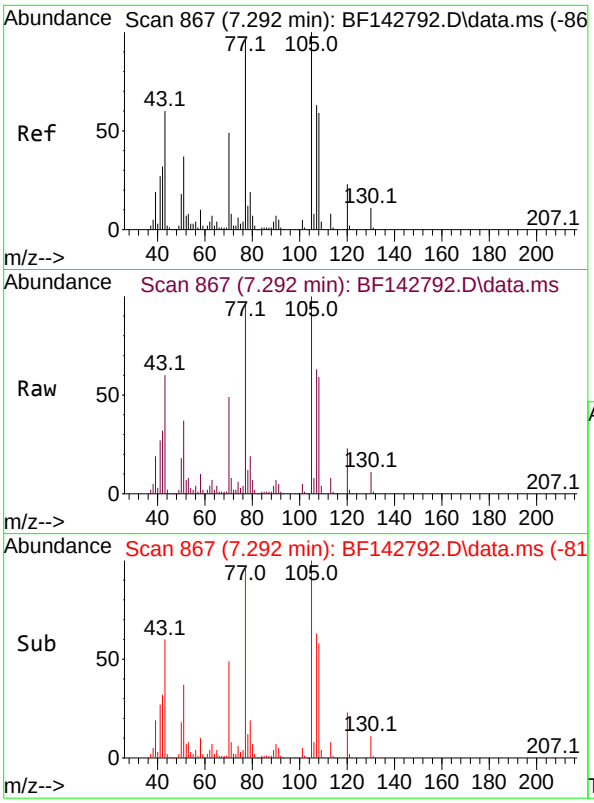


#18
Hexachloroethane
Concen: 37.870 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



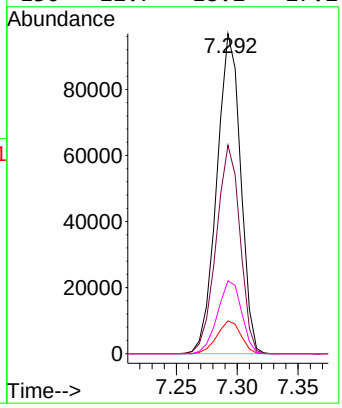


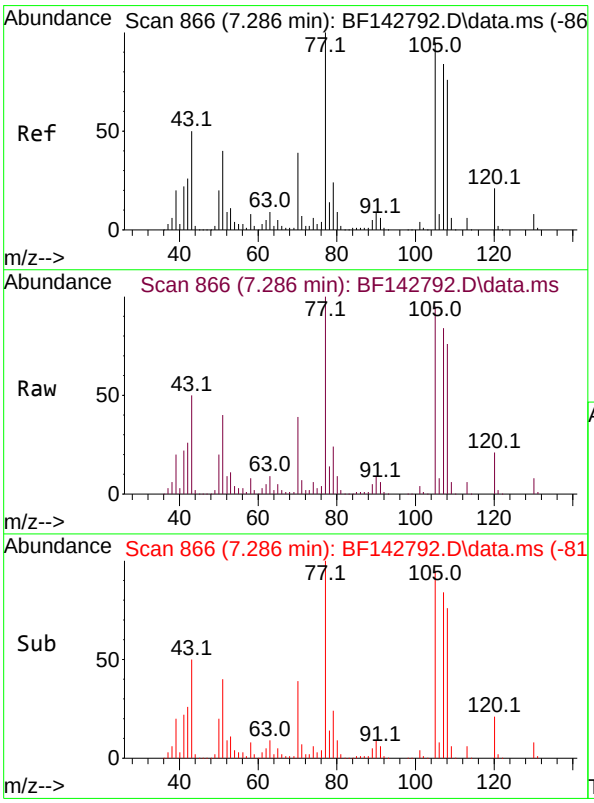
#19
n-Nitroso-di-n-propylamine
Concen: 36.251 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

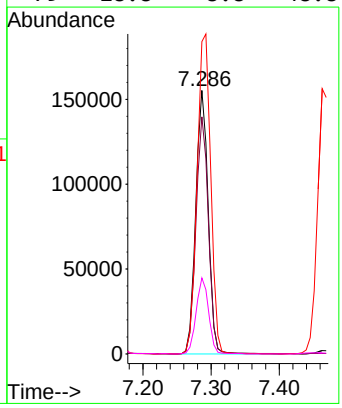


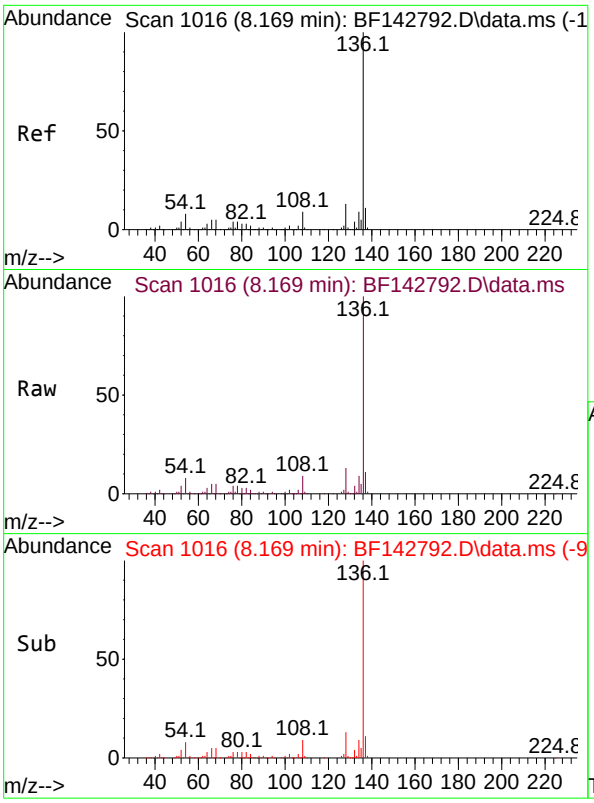


#20
3+4-Methylphenols
Concen: 38.274 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



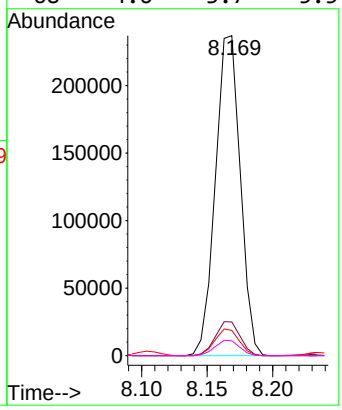


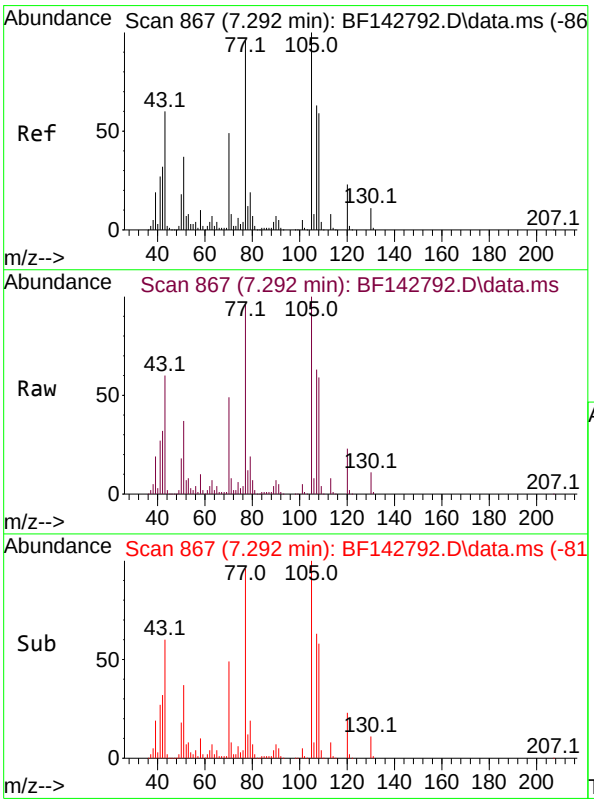
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

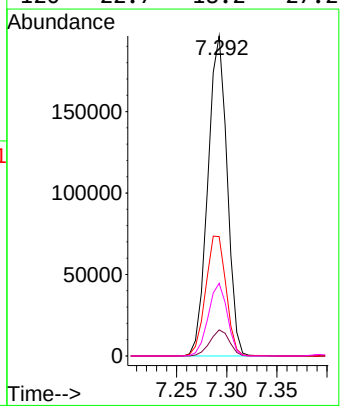


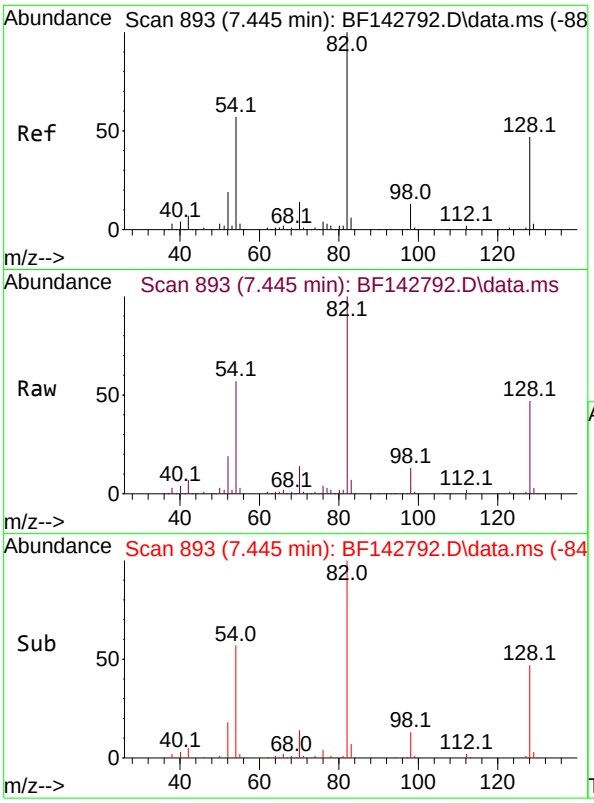


#22
Acetophenone
Concen: 37.828 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



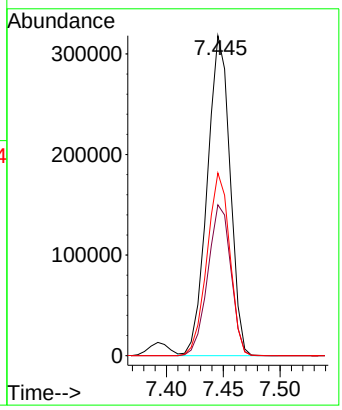


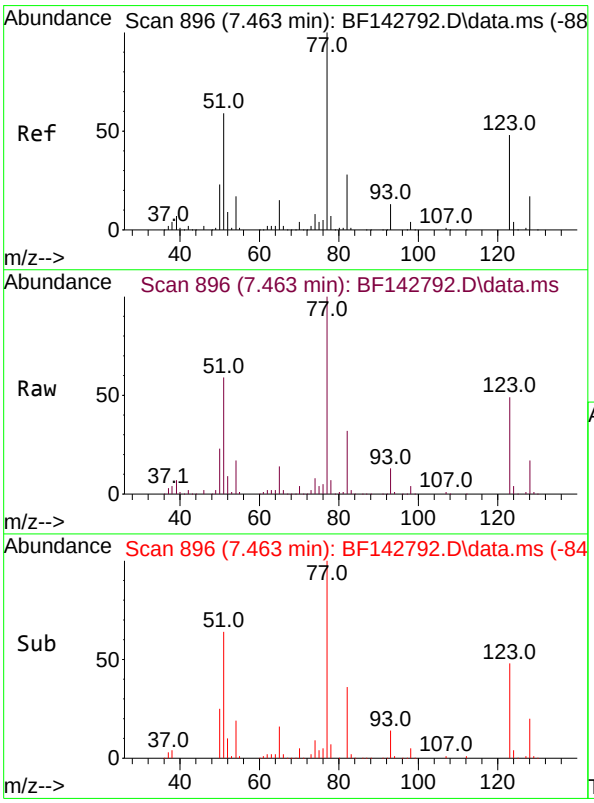
#23
Nitrobenzene-d5
Concen: 77.580 ng
RT: 7.445 min Scan# 89
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

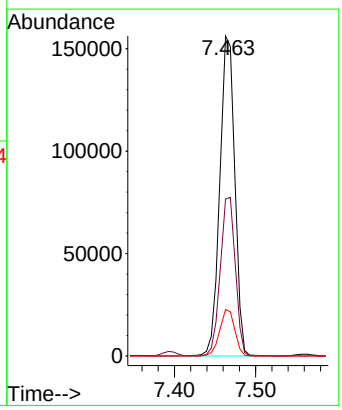


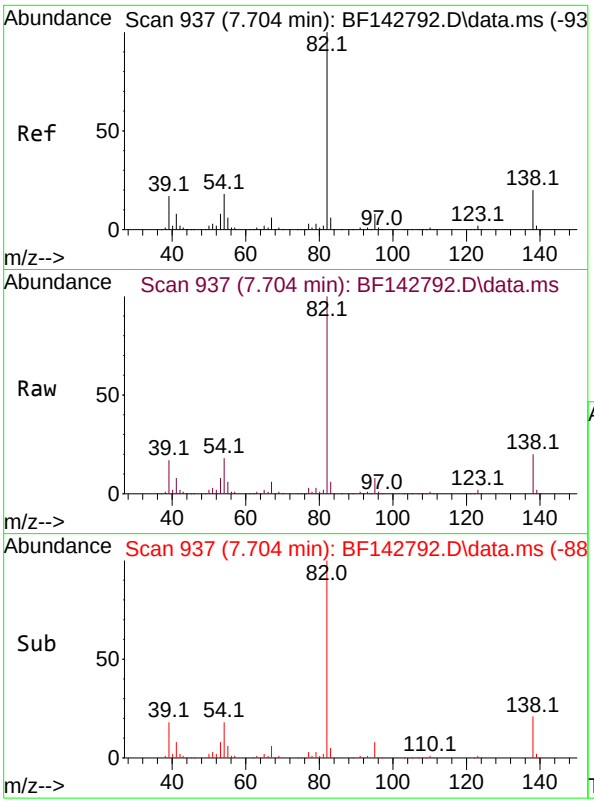


#24
Nitrobenzene
Concen: 39.383 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



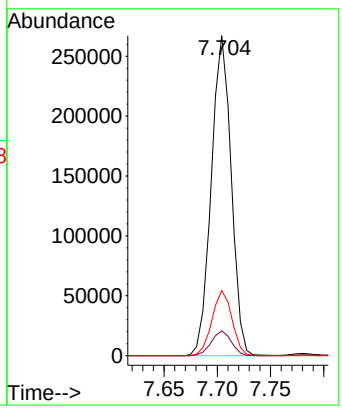


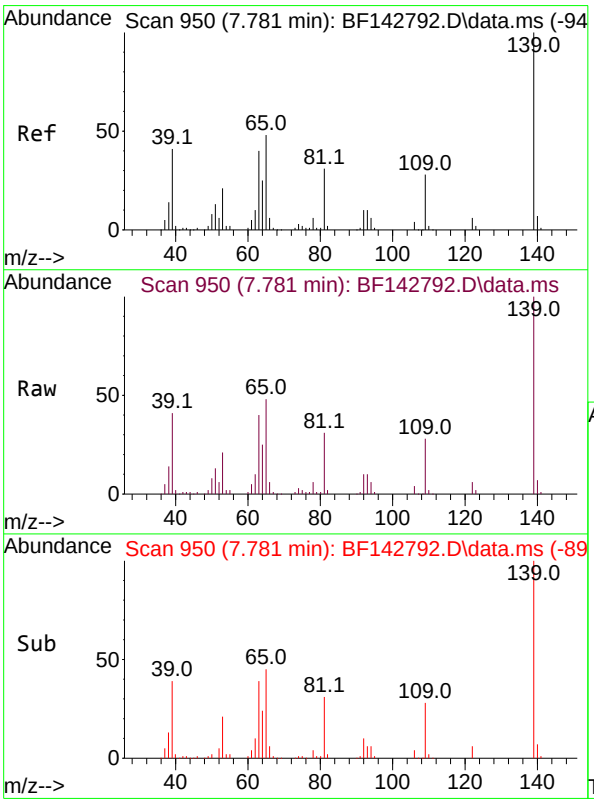
#25
Isophorone
Concen: 36.294 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

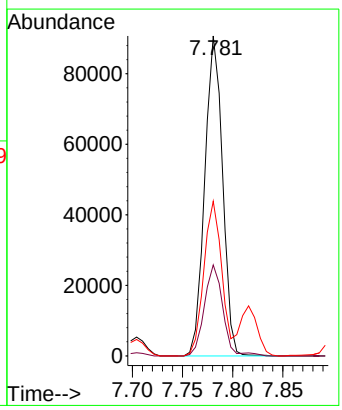


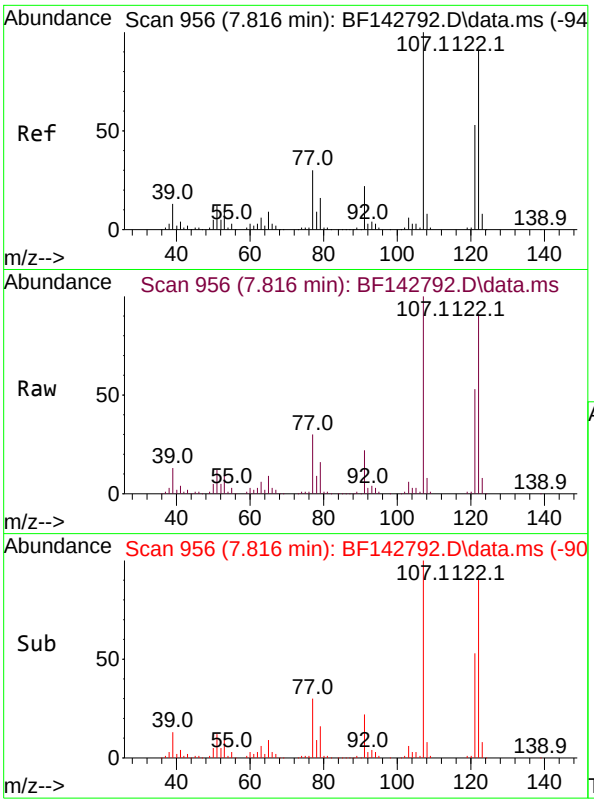


#26
2-Nitrophenol
Concen: 39.497 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



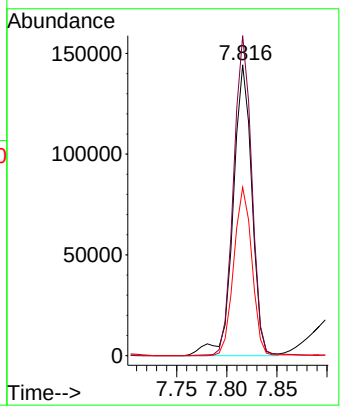


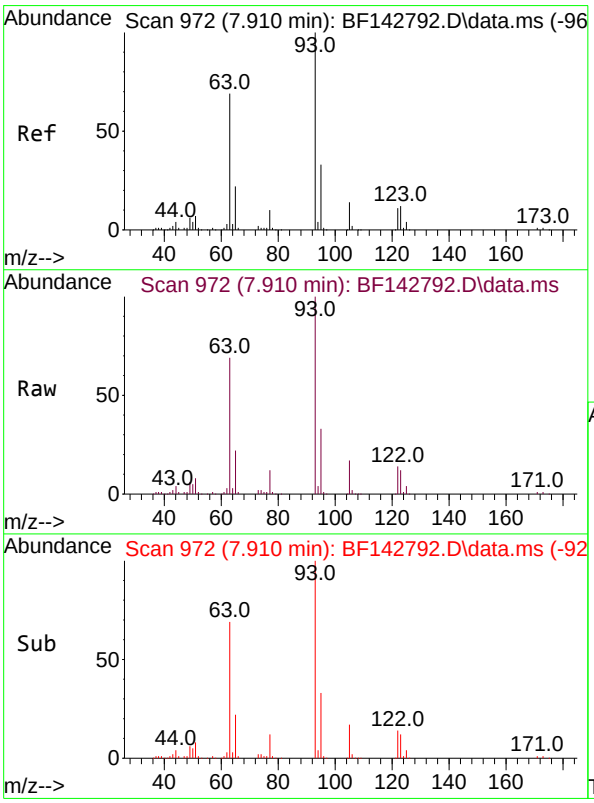
#27
2,4-Dimethylphenol
Concen: 38.974 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

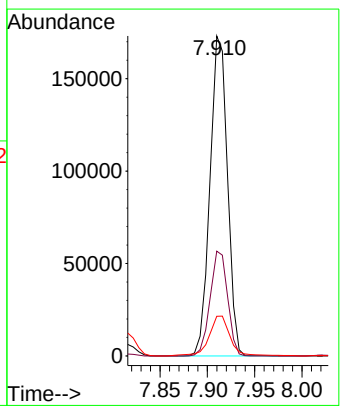


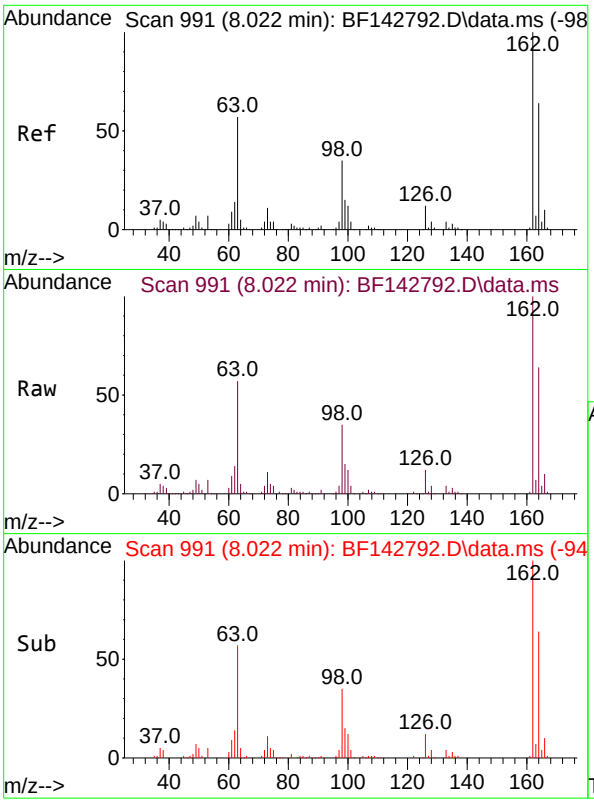


#28
bis(2-Chloroethoxy)methane
Concen: 37.249 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



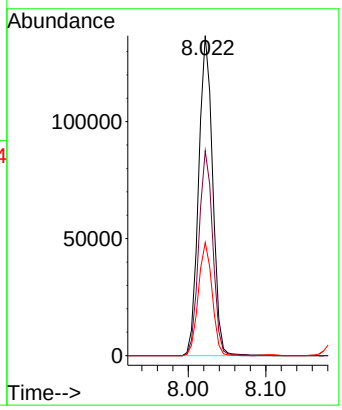


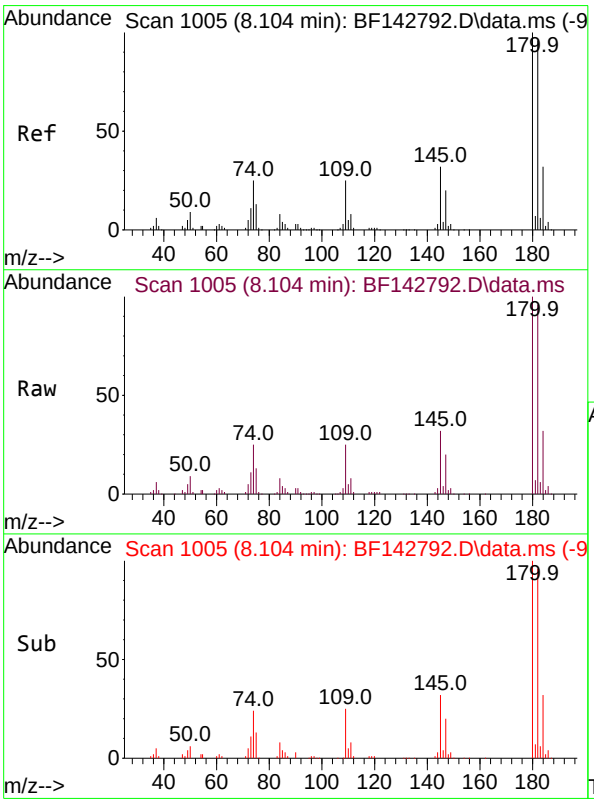
#29
2,4-Dichlorophenol
Concen: 38.576 ng
RT: 8.022 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

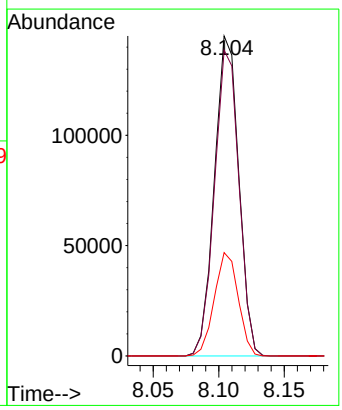


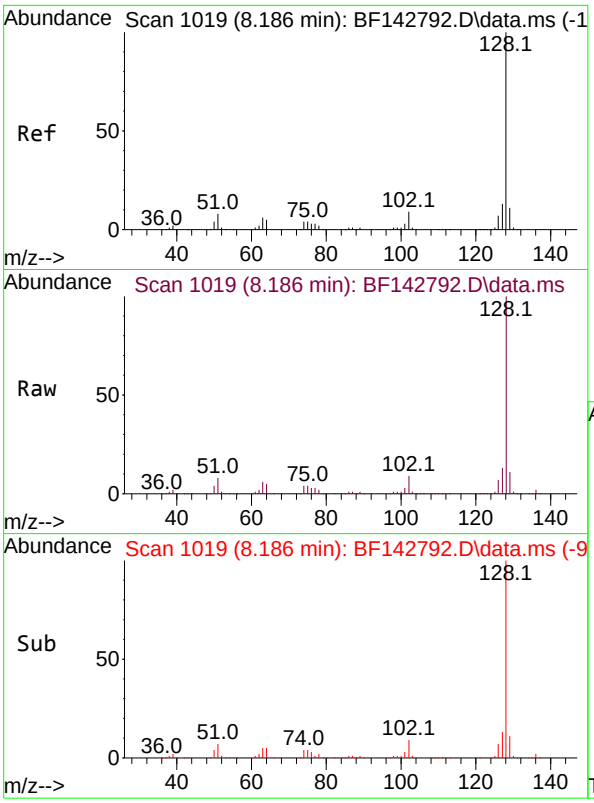


#30
1,2,4-Trichlorobenzene
Concen: 38.155 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



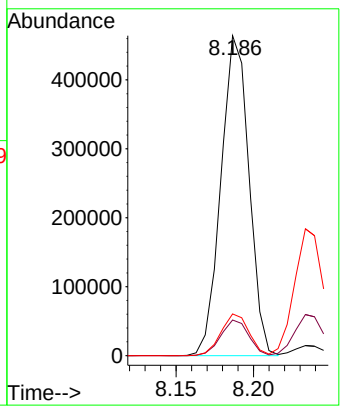


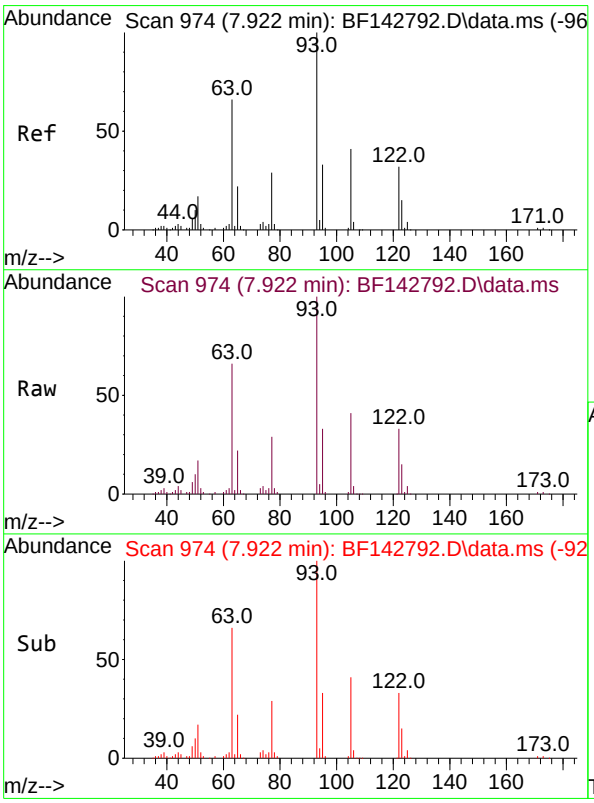
#31
Naphthalene
Concen: 37.966 ng
RT: 8.186 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

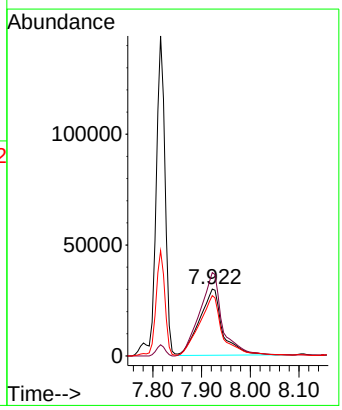


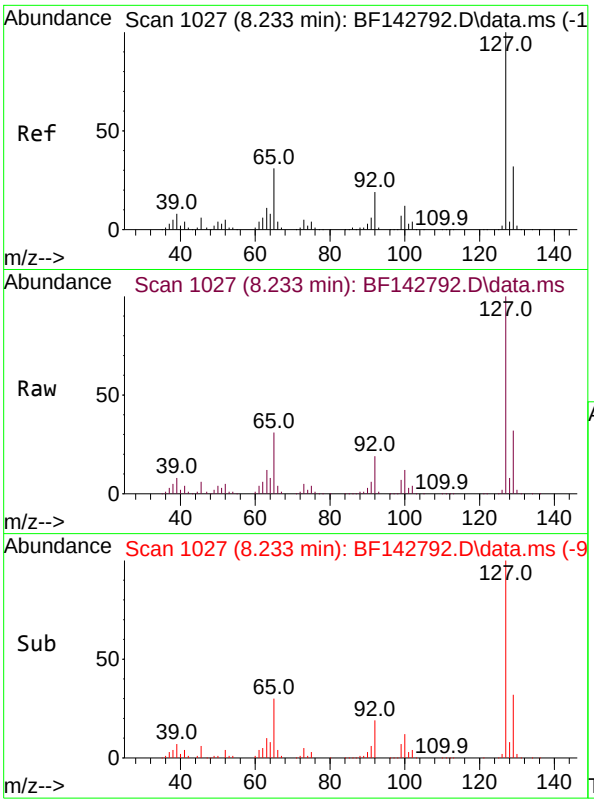


#32
Benzoic acid
Concen: 36.734 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



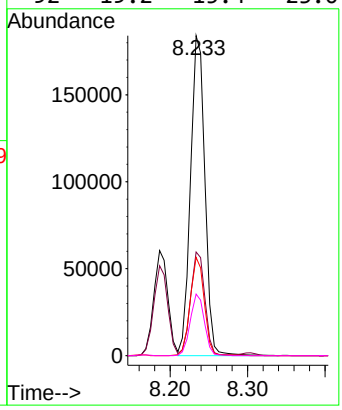


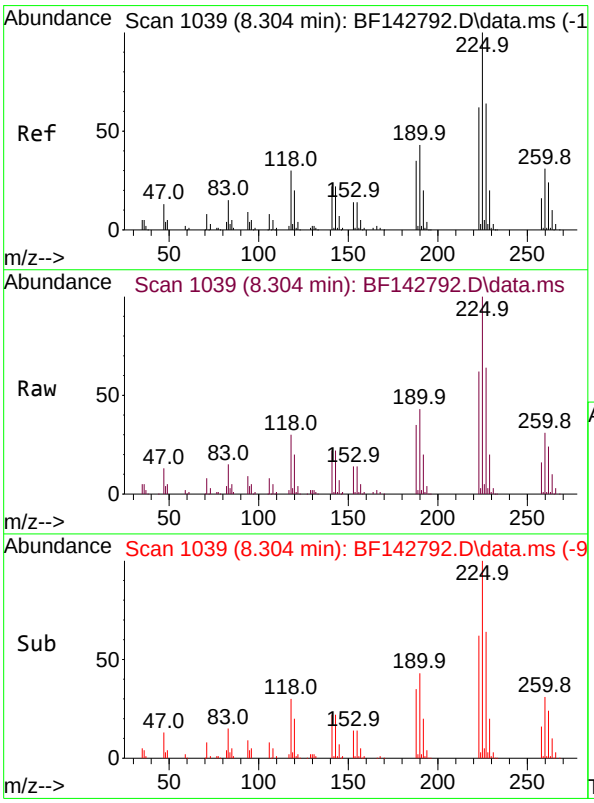
#33
4-Chloroaniline
Concen: 38.432 ng
RT: 8.233 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

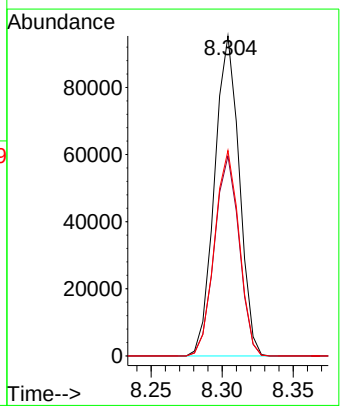


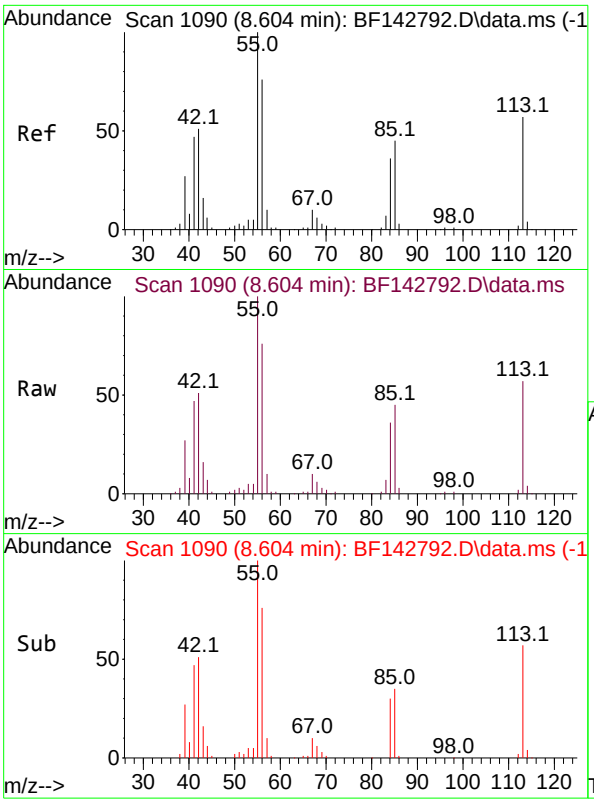


#34
Hexachlorobutadiene
Concen: 37.099 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



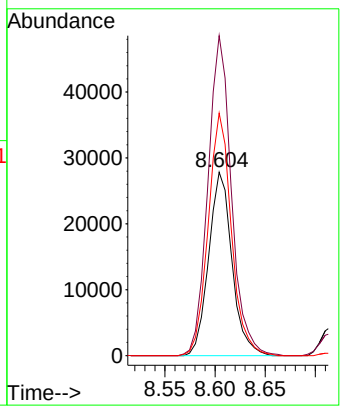


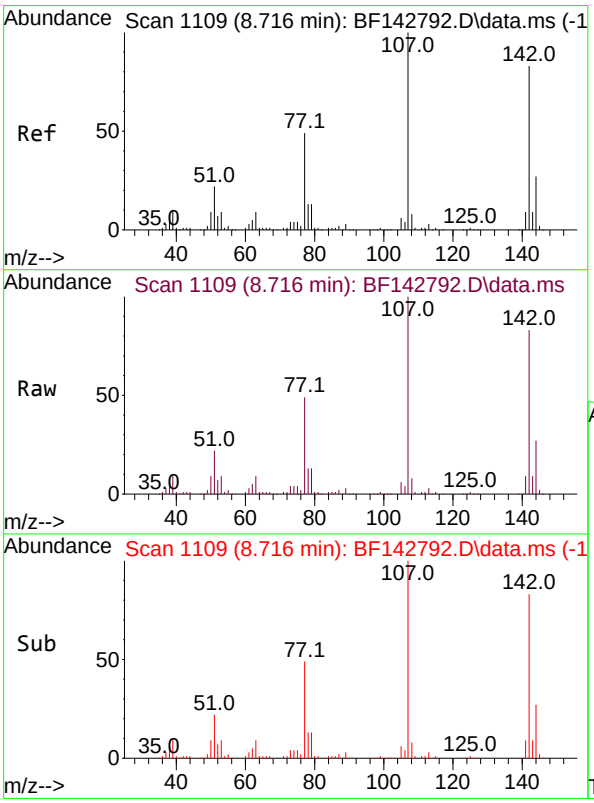
#35
Caprolactam
Concen: 37.583 ng
RT: 8.604 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

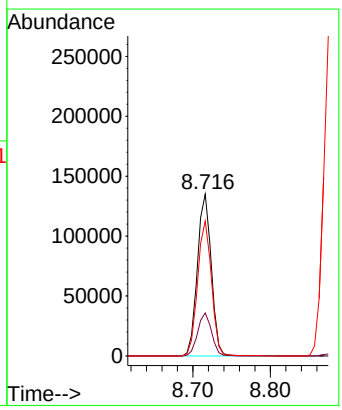


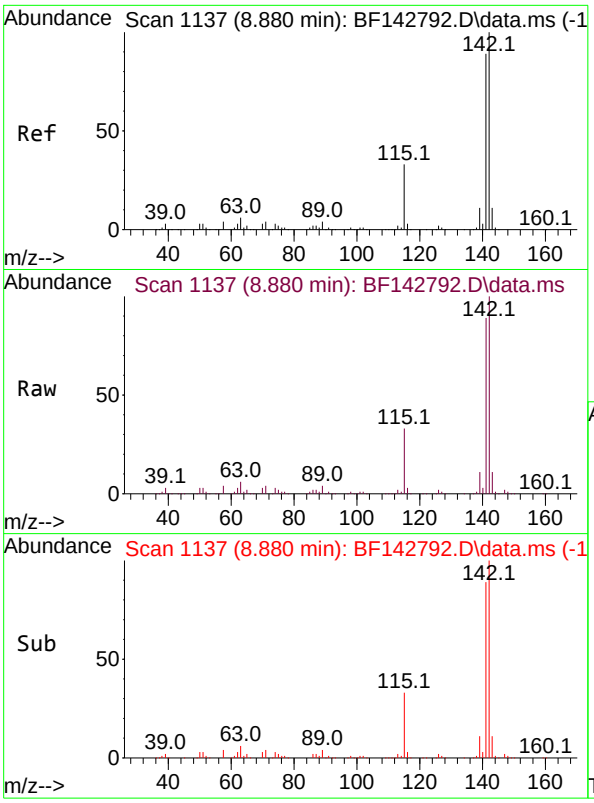


#36
4-Chloro-3-methylphenol
Concen: 36.695 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



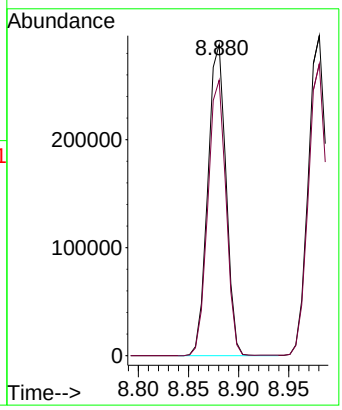


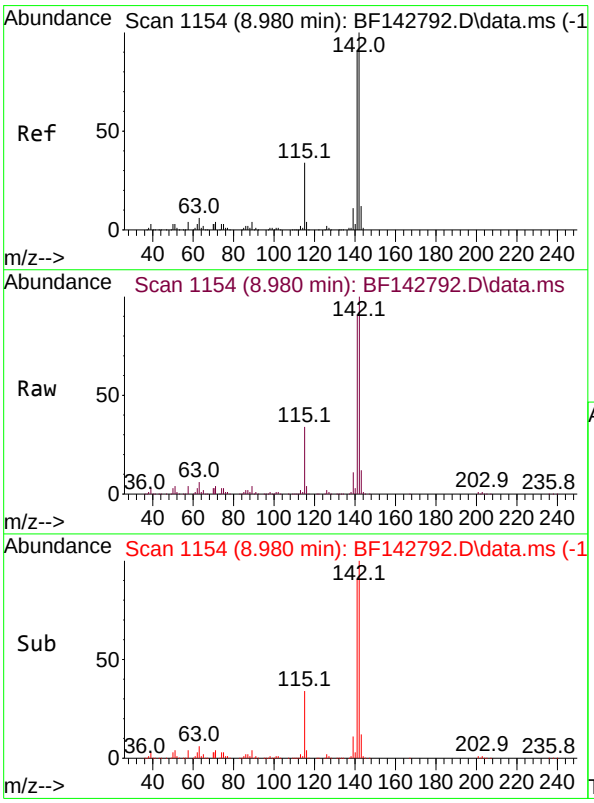
#37
2-Methylnaphthalene
Concen: 37.313 ng
RT: 8.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 362692

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

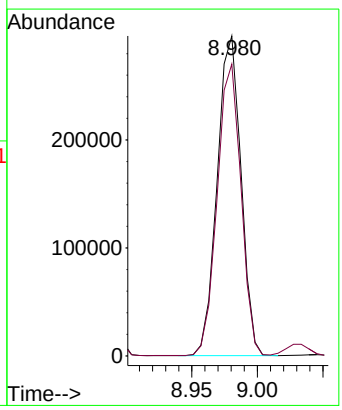


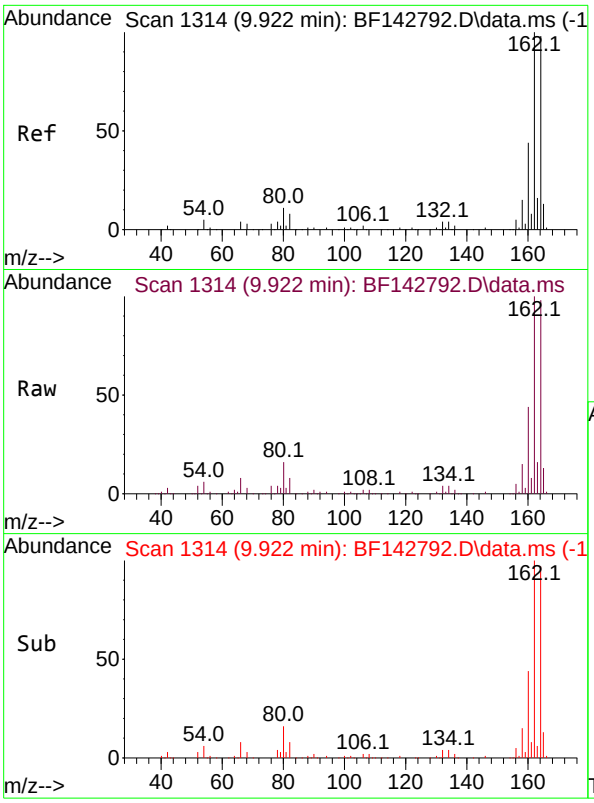


#38
1-Methylnaphthalene
Concen: 37.143 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

Tgt Ion:142 Resp: 374836

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.0	109.4



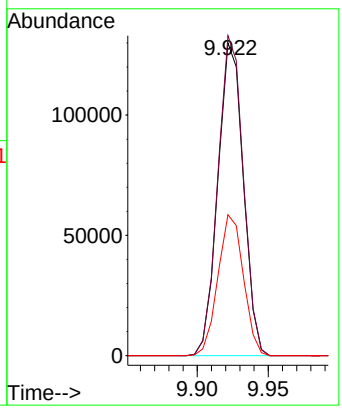


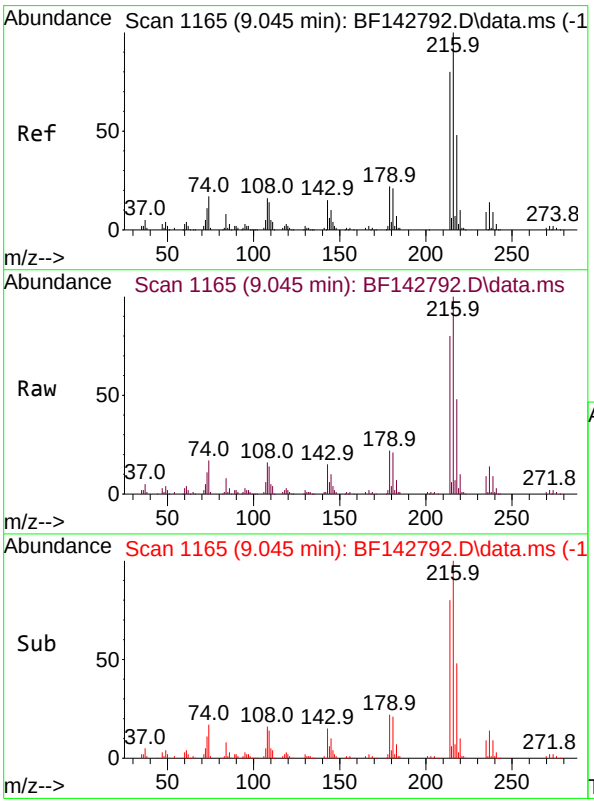
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

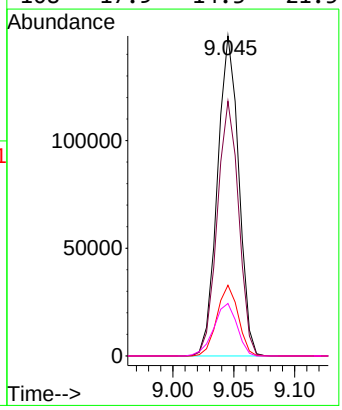


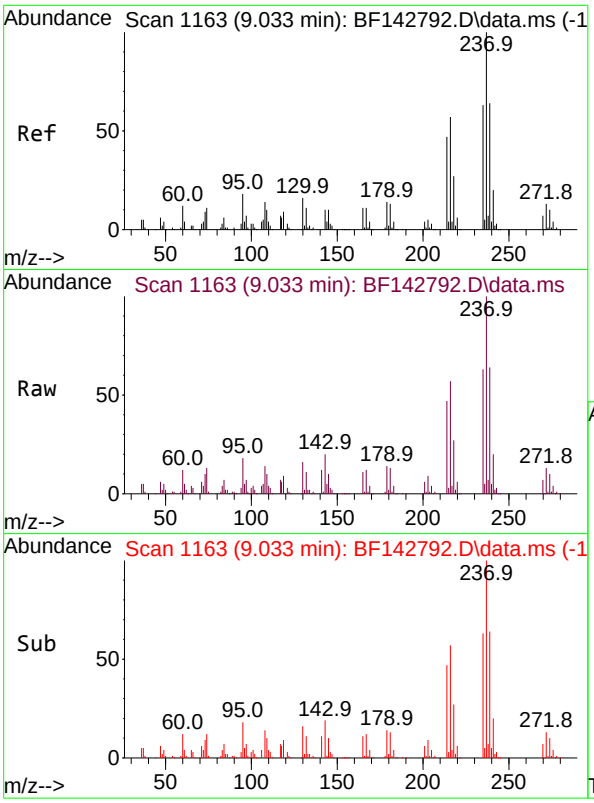


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.596 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



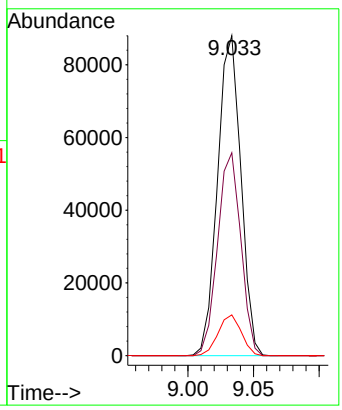


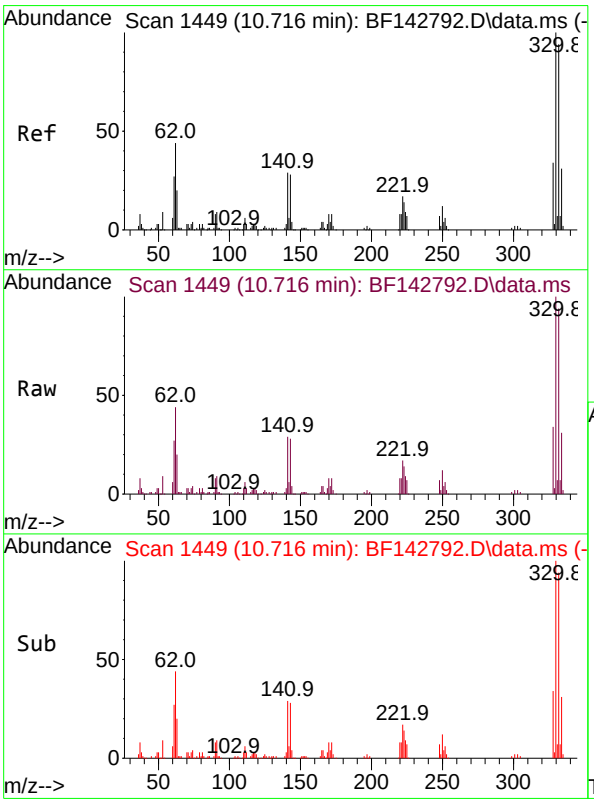
#41
Hexachlorocyclopentadiene
Concen: 36.863 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

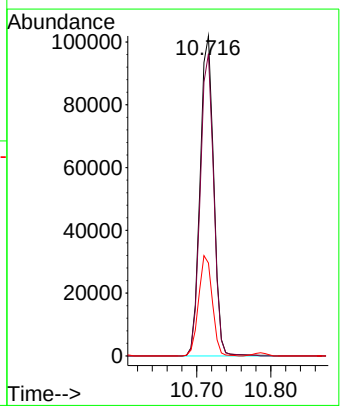


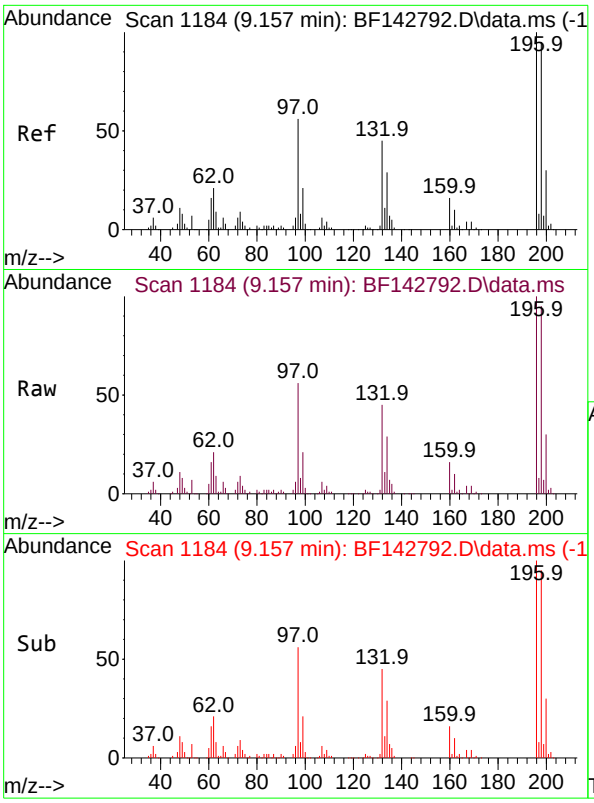


#42
2,4,6-Tribromophenol
Concen: 73.654 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



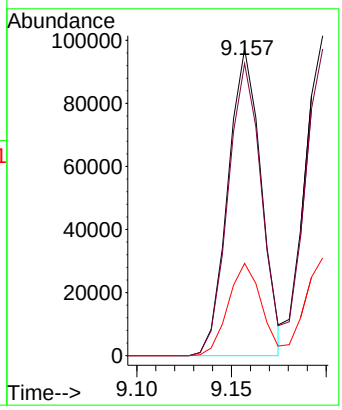


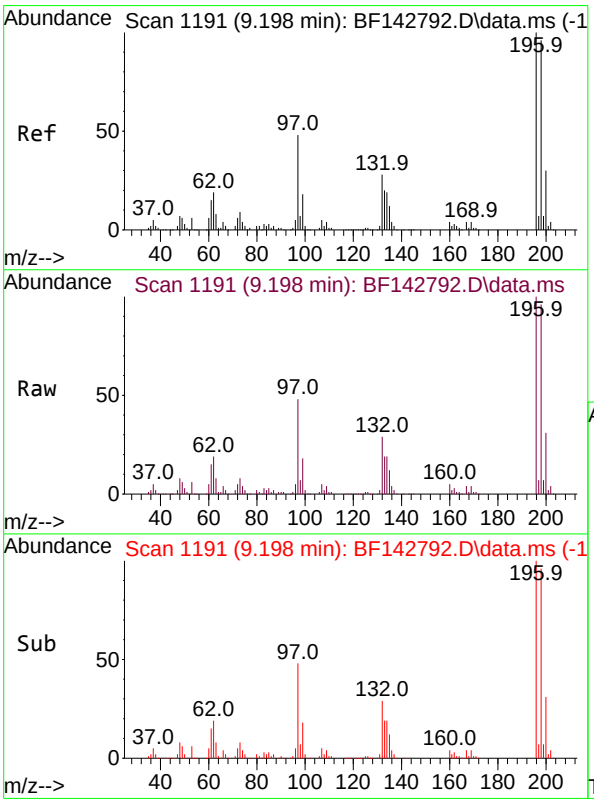
#43
2,4,6-Trichlorophenol
Concen: 39.129 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

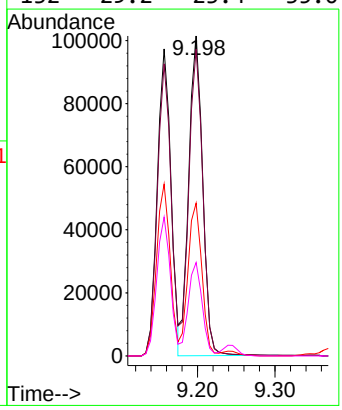


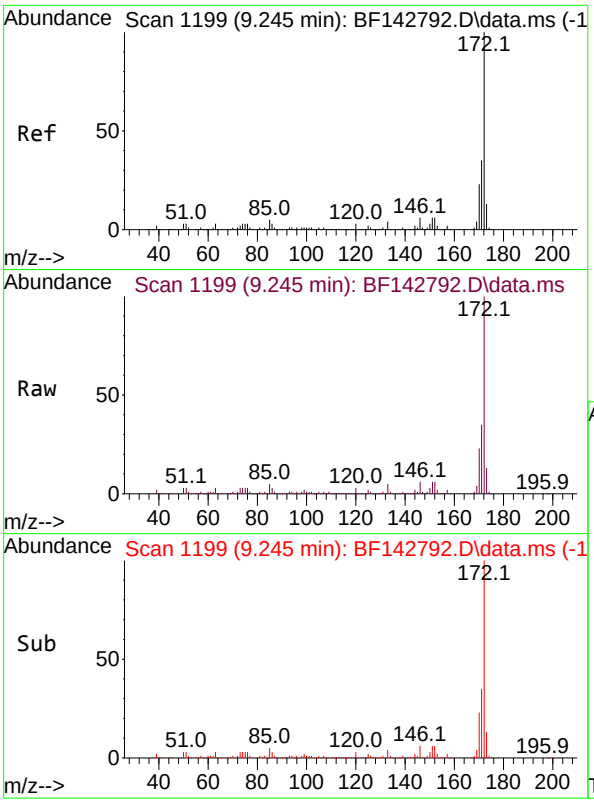


#44
2,4,5-Trichlorophenol
Concen: 38.774 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



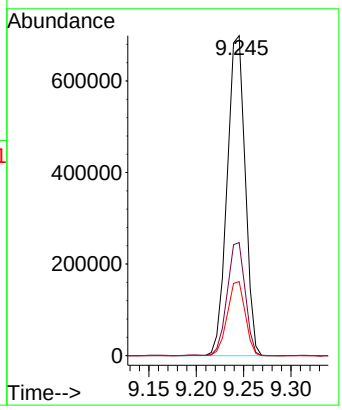


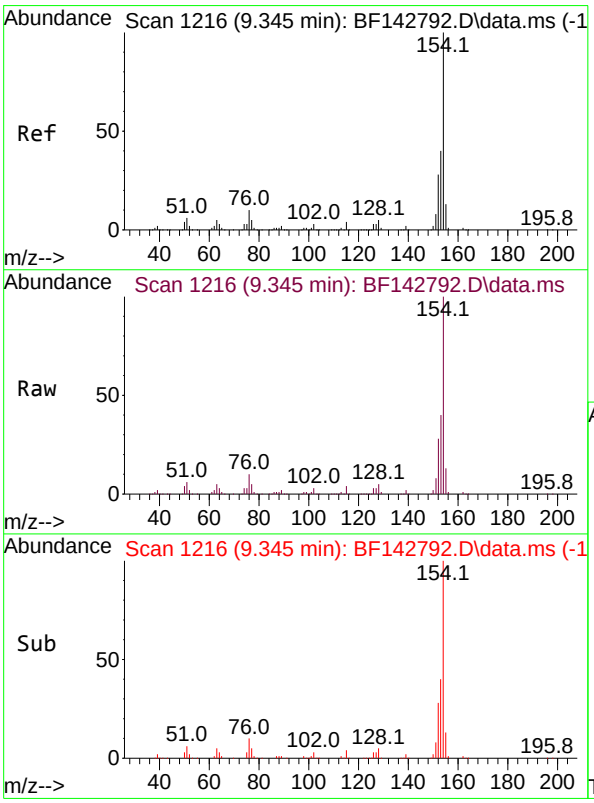
#45
2-Fluorobiphenyl
Concen: 76.120 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

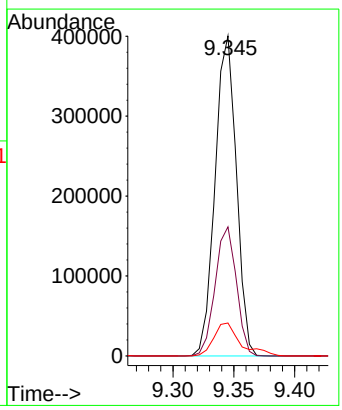


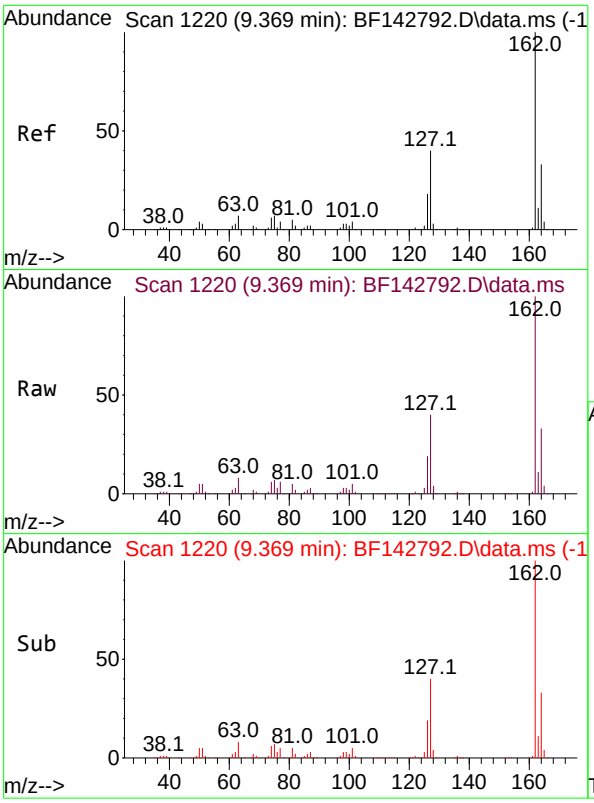


#46
1,1'-Biphenyl
Concen: 38.765 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



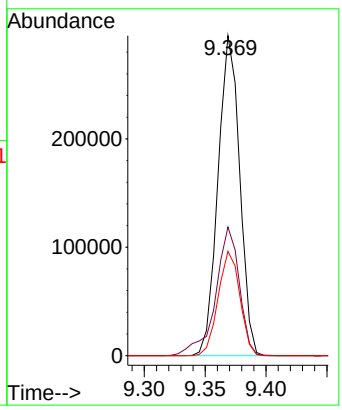


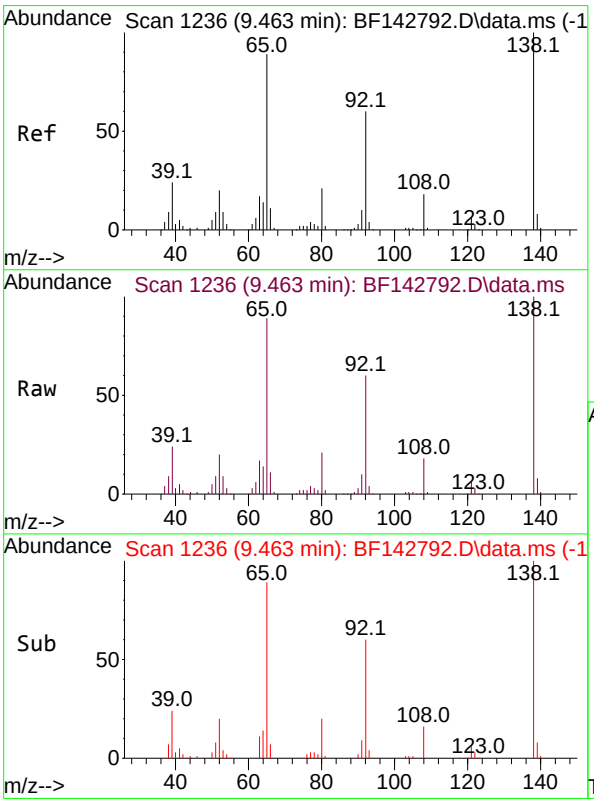
#47
2-Chloronaphthalene
Concen: 39.408 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

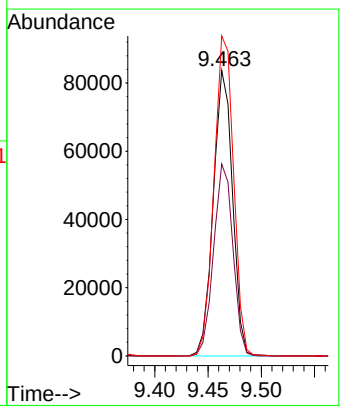


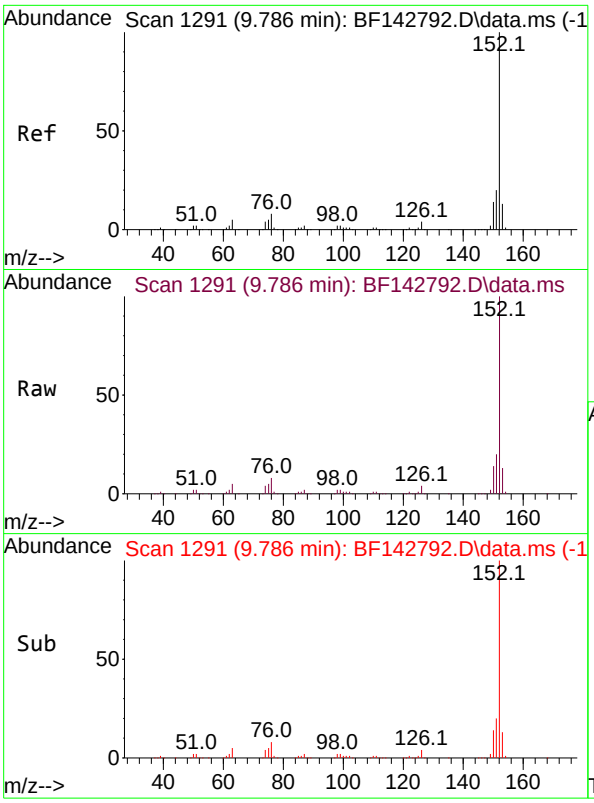


#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



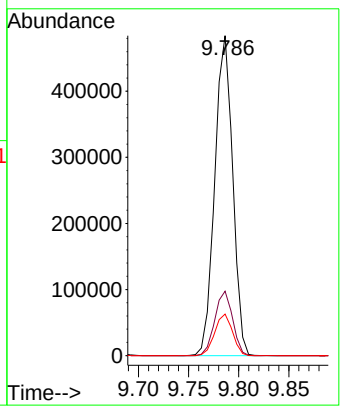


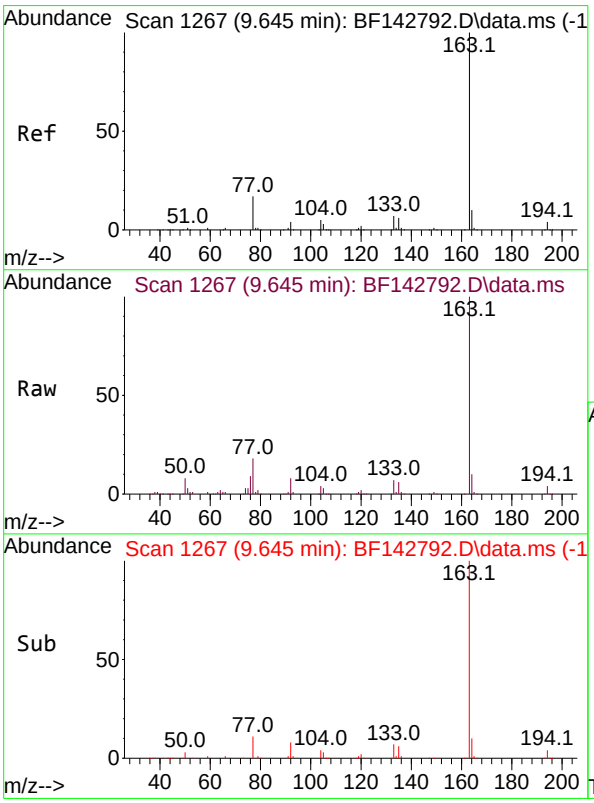
#49
Acenaphthylene
Concen: 38.649 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

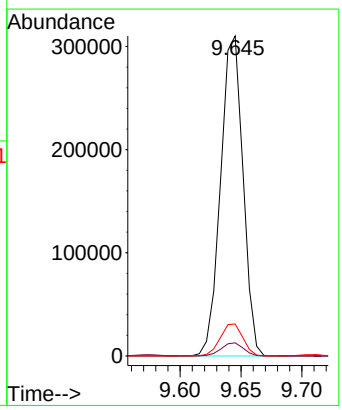


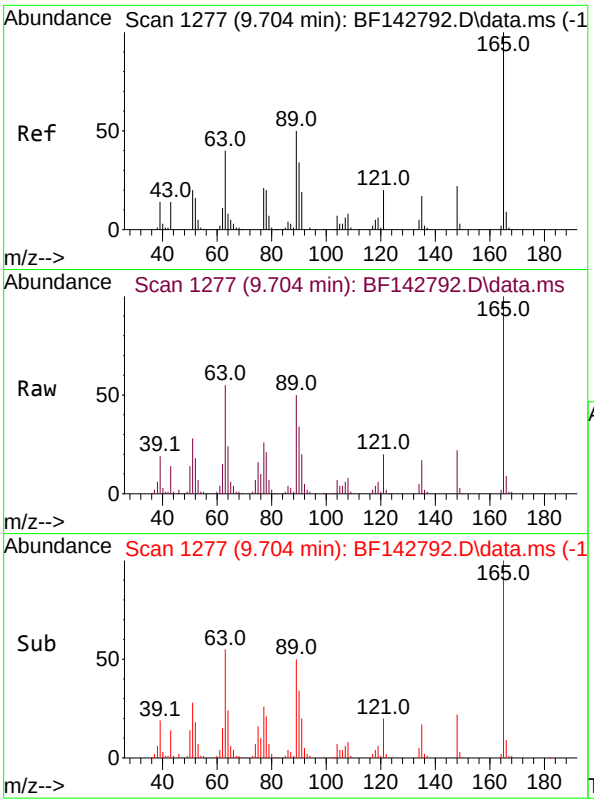


#50
Dimethylphthalate
Concen: 37.038 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



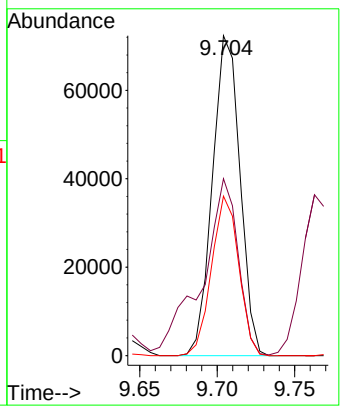


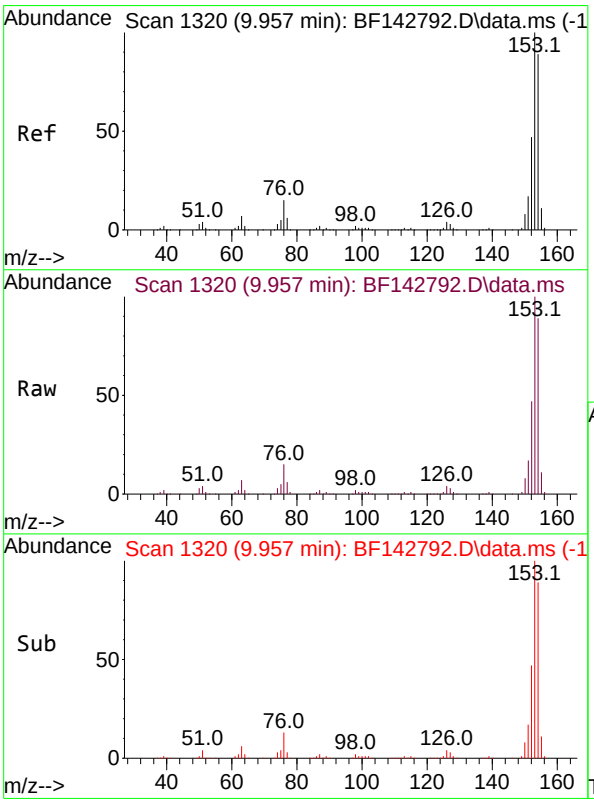
#51
2,6-Dinitrotoluene
Concen: 38.557 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

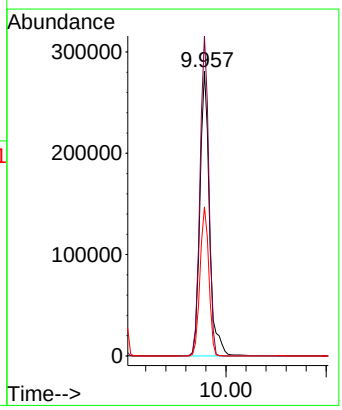


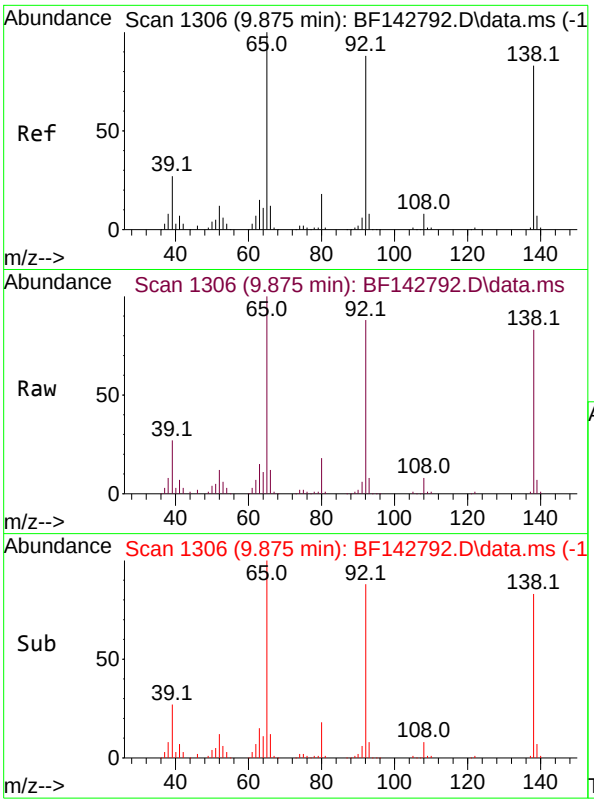


#52
Acenaphthene
Concen: 38.310 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



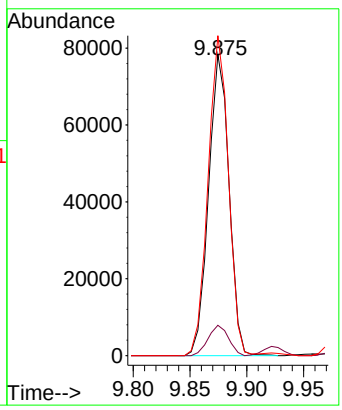


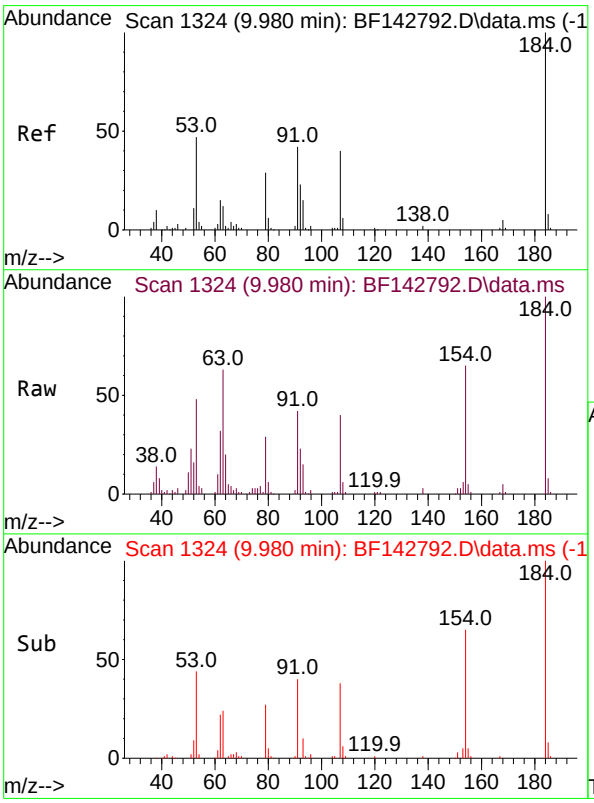
#53
3-Nitroaniline
Concen: 38.714 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

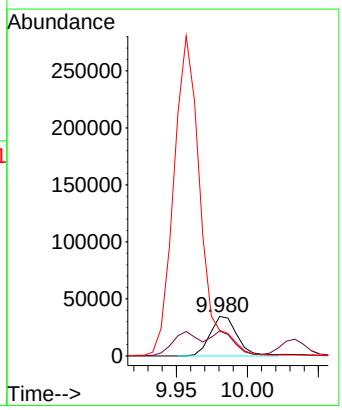


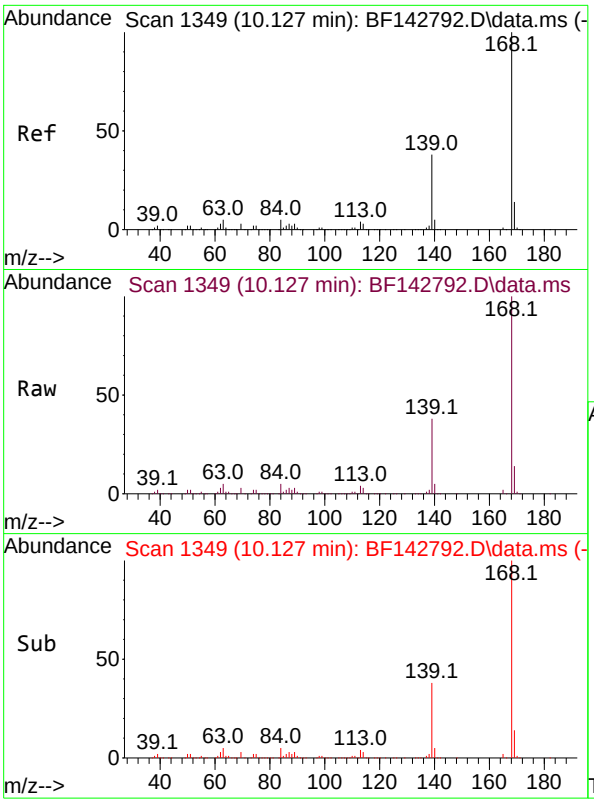


#54
2,4-Dinitrophenol
Concen: 36.494 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



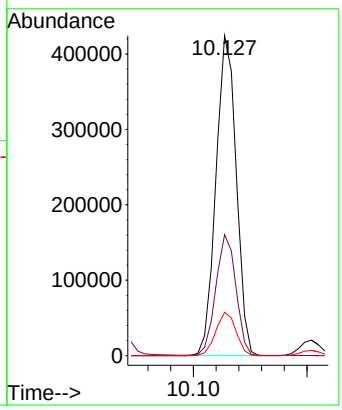


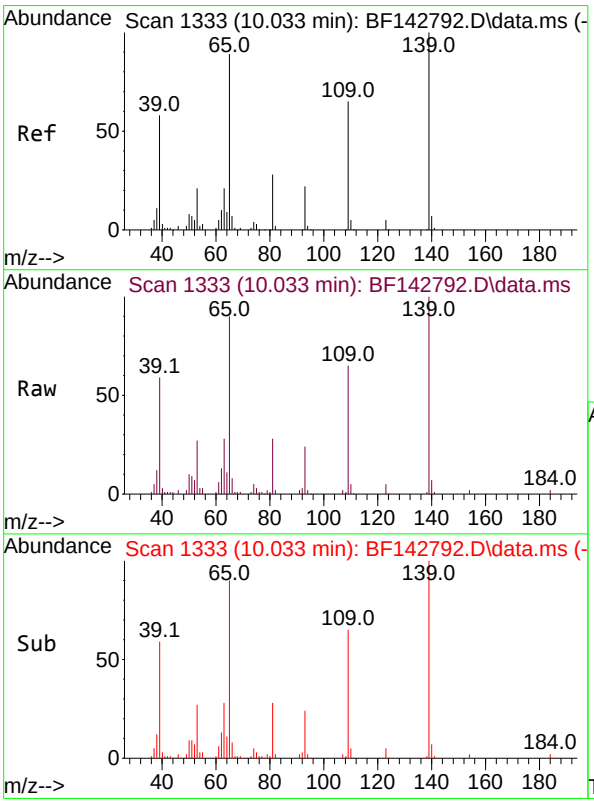
#55
Dibenzofuran
Concen: 38.235 ng
RT: 10.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

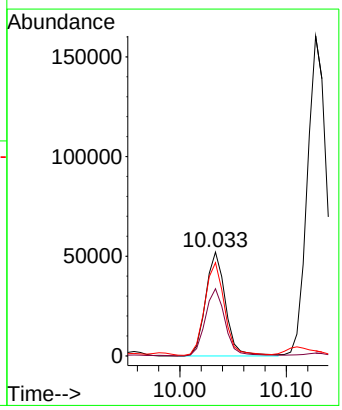


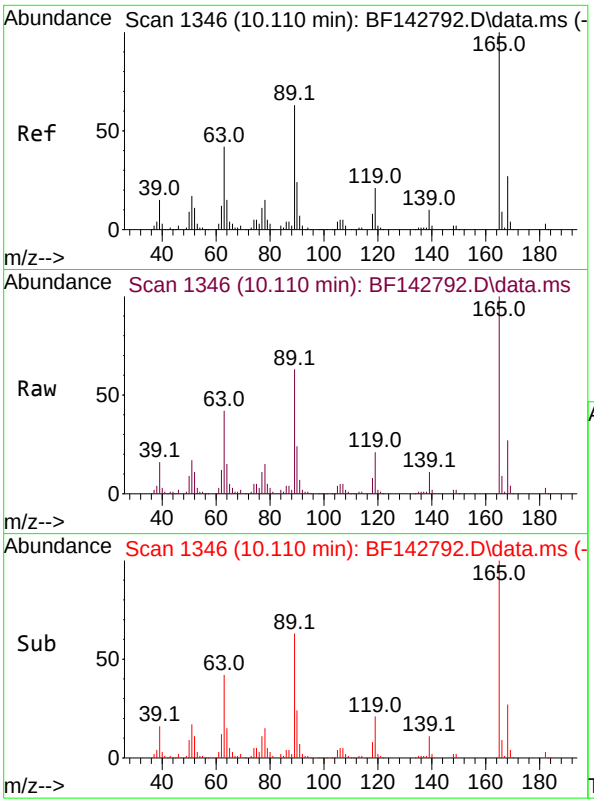


#56
4-Nitrophenol
Concen: 39.230 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



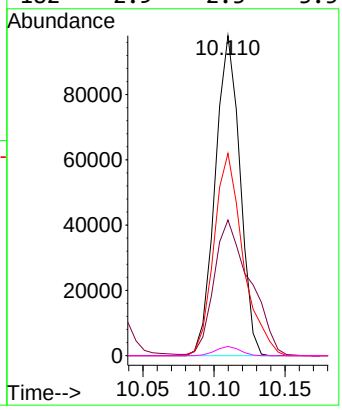


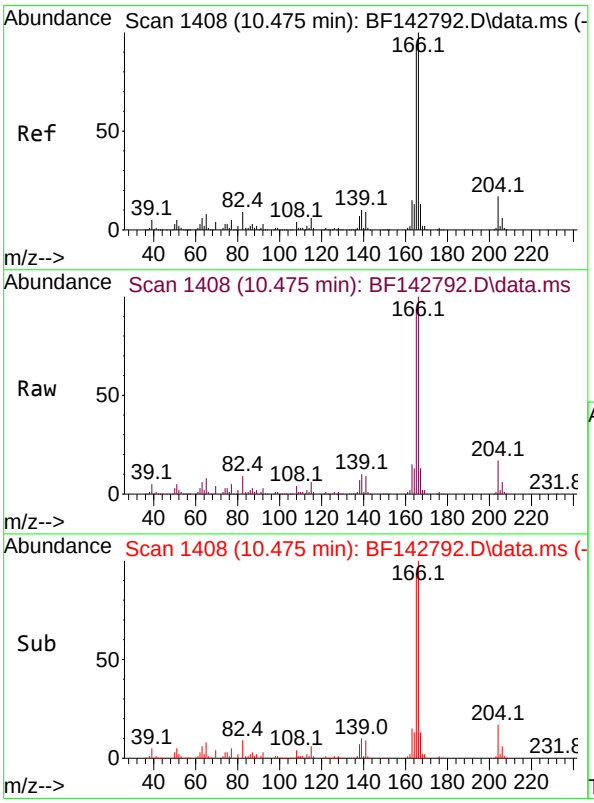
#57
2,4-Dinitrotoluene
Concen: 38.644 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

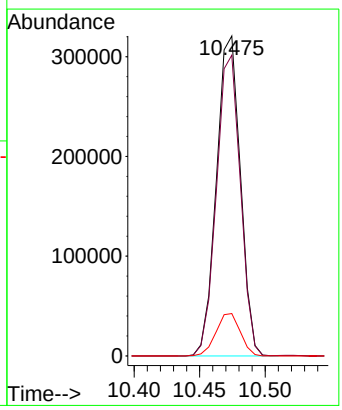


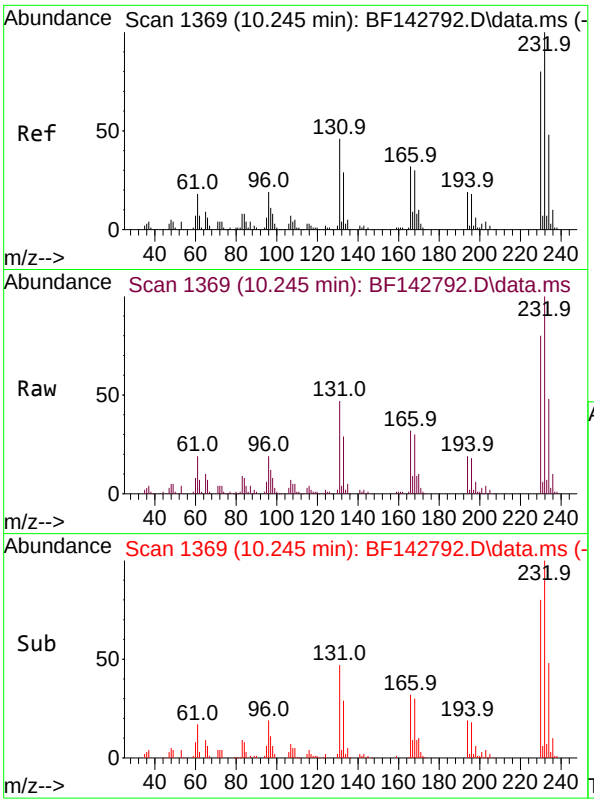


#58
Fluorene
Concen: 37.535 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



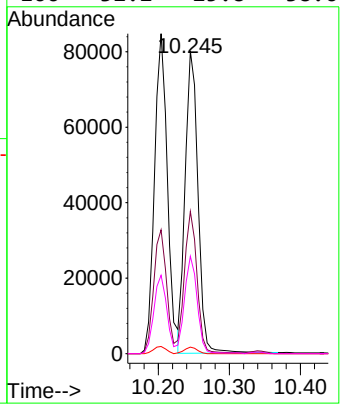


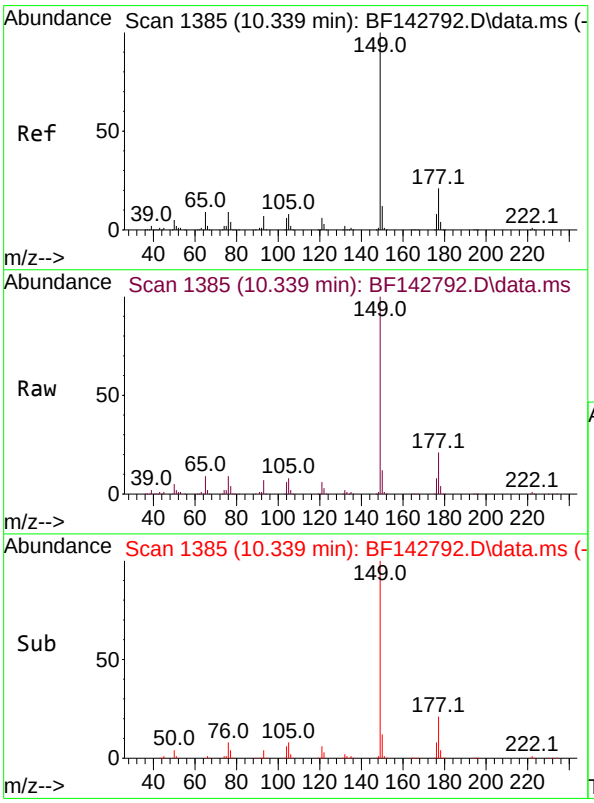
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.847 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

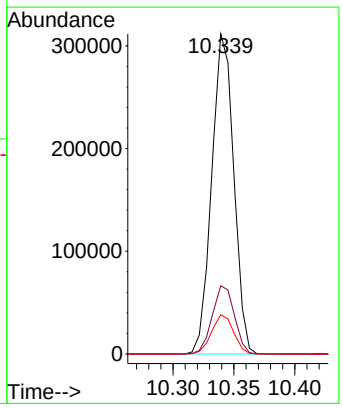


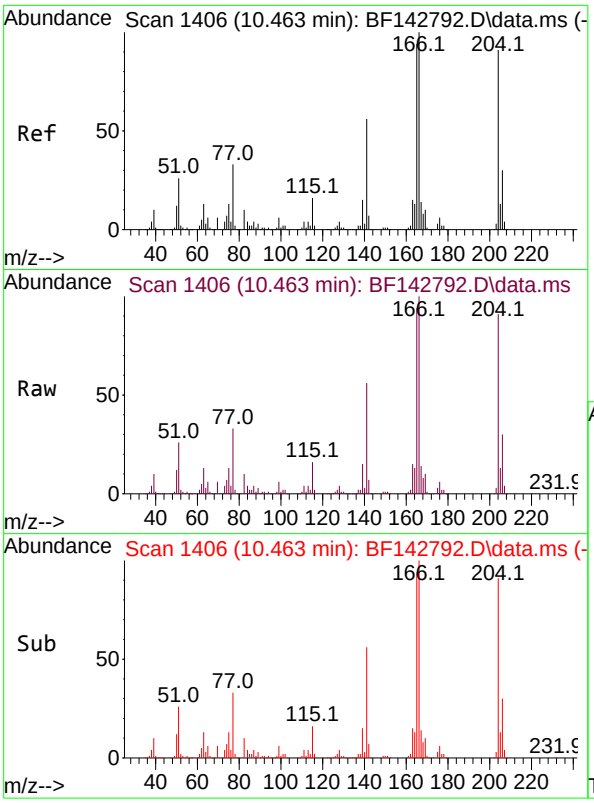


#60
Diethylphthalate
Concen: 36.752 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



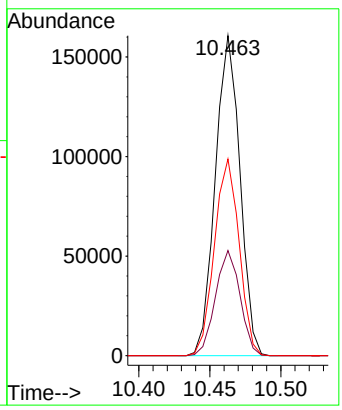


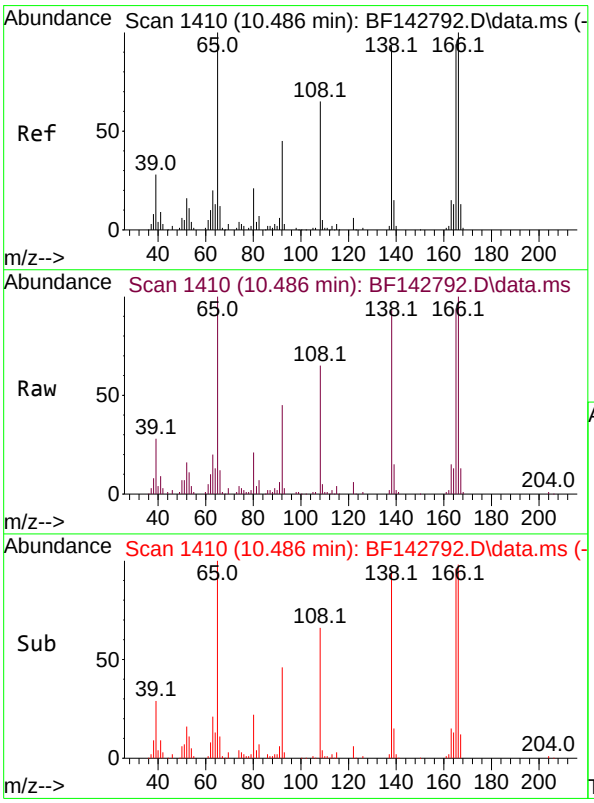
#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

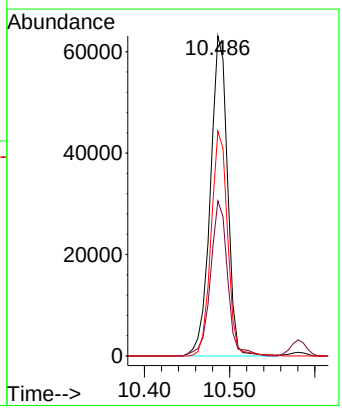


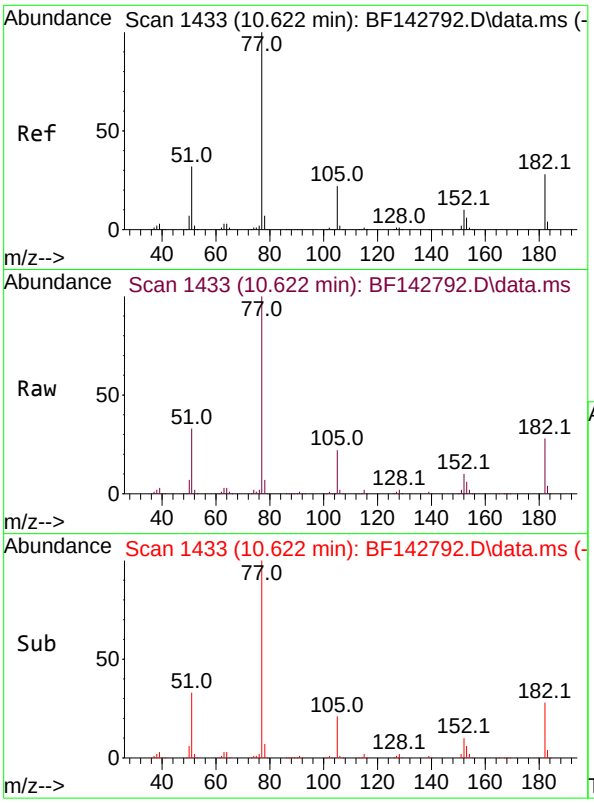


#62
4-Nitroaniline
Concen: 38.806 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



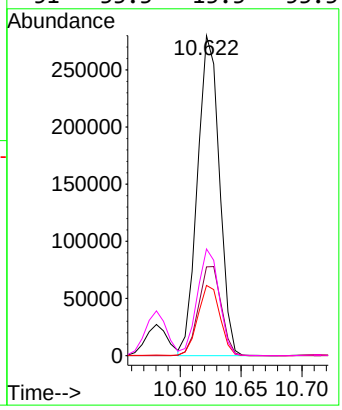


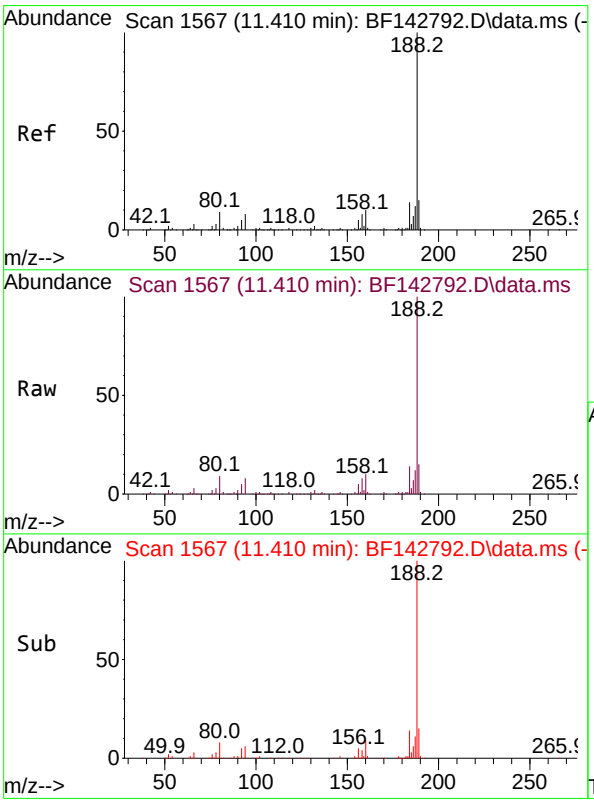
#63
Azobenzene
Concen: 37.534 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

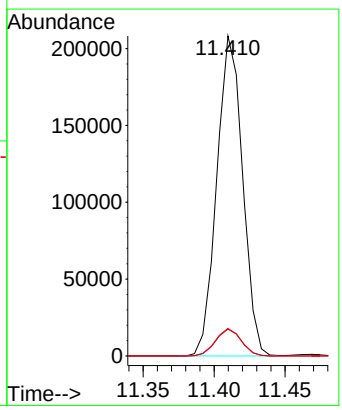


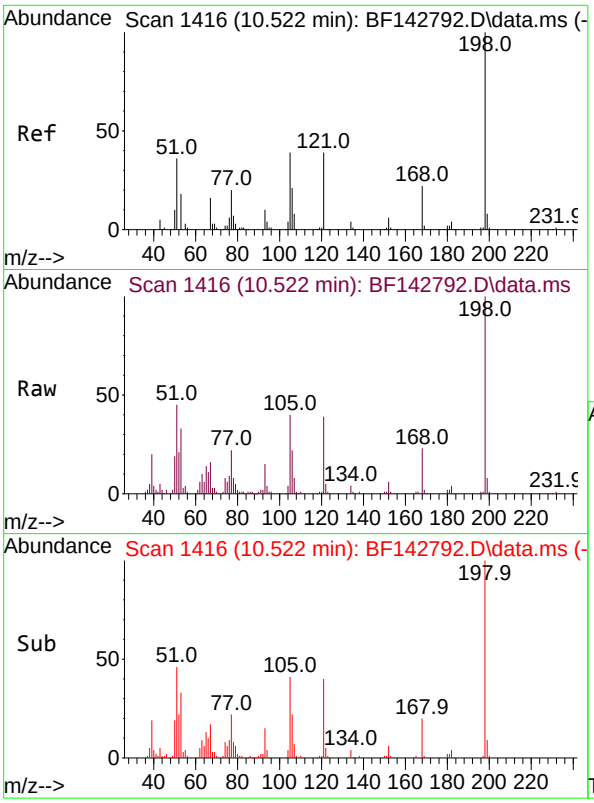


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



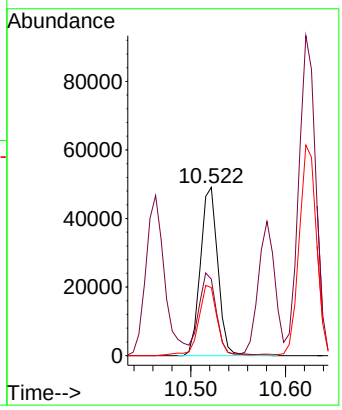


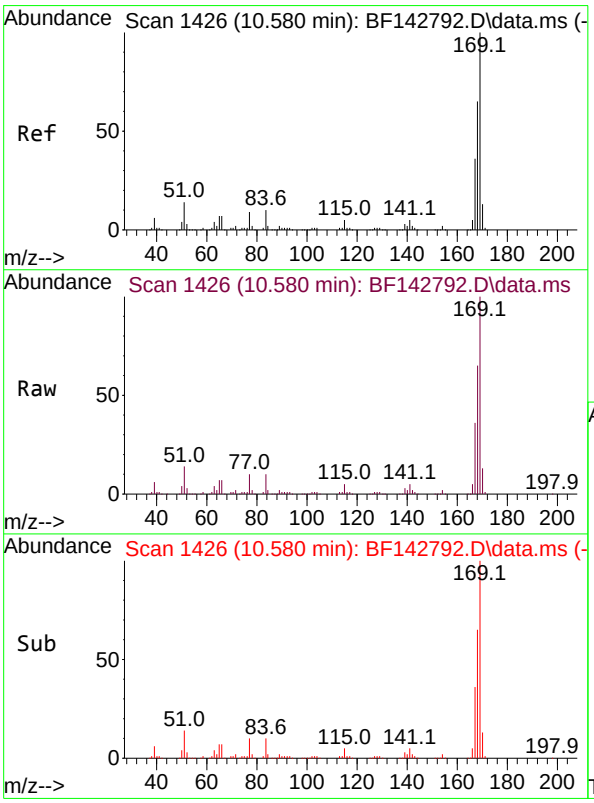
#65
4,6-Dinitro-2-methylphenol
Concen: 38.375 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

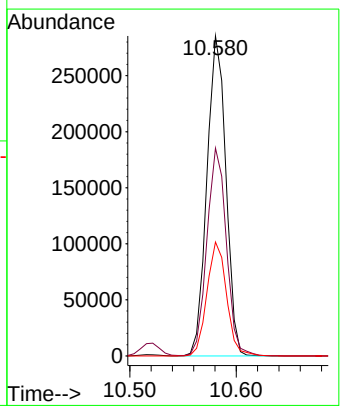


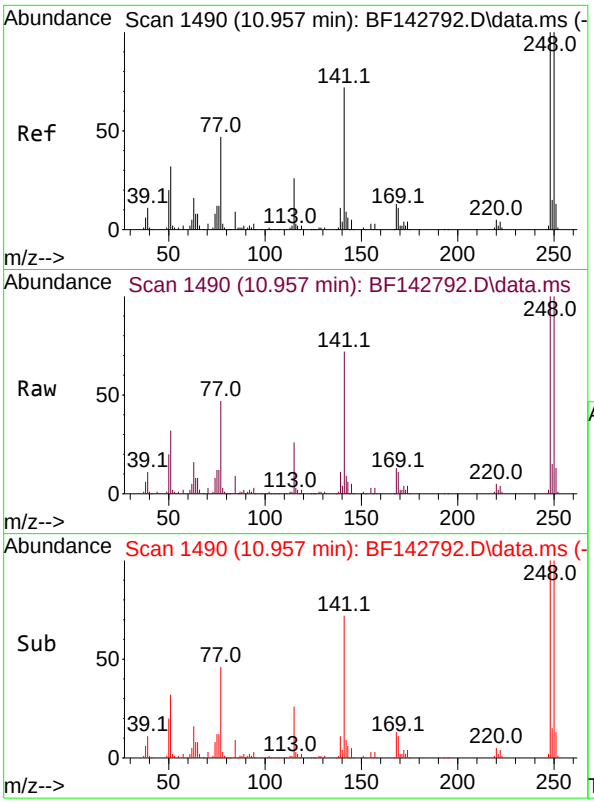


#66
n-Nitrosodiphenylamine
Concen: 39.014 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



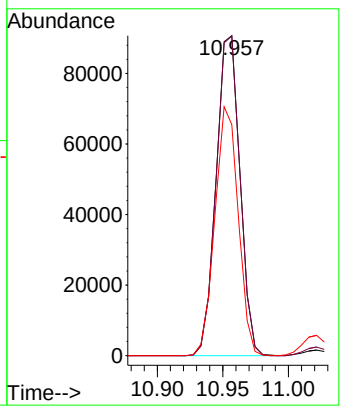


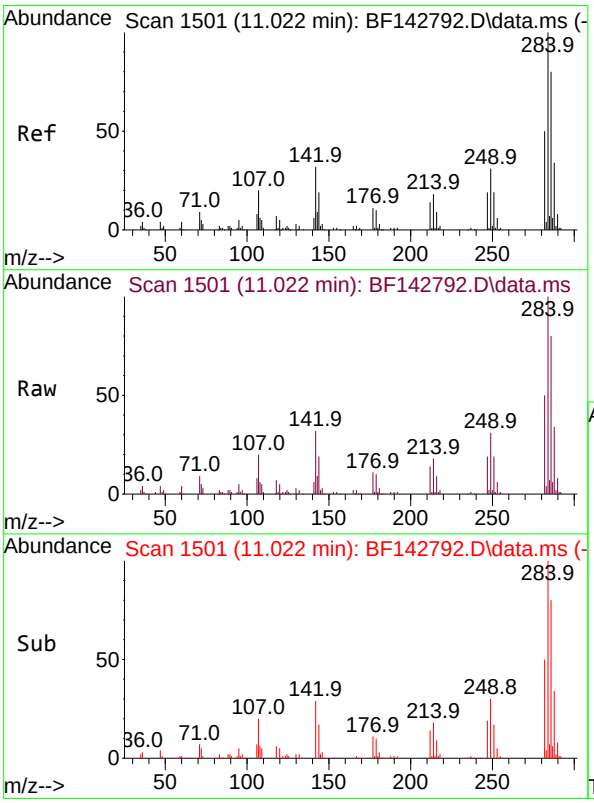
#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

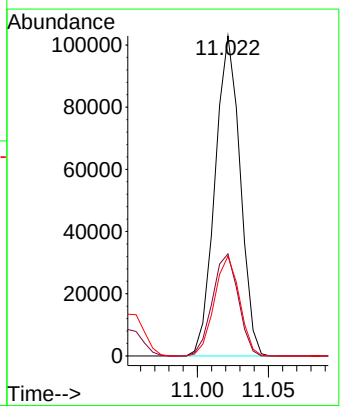


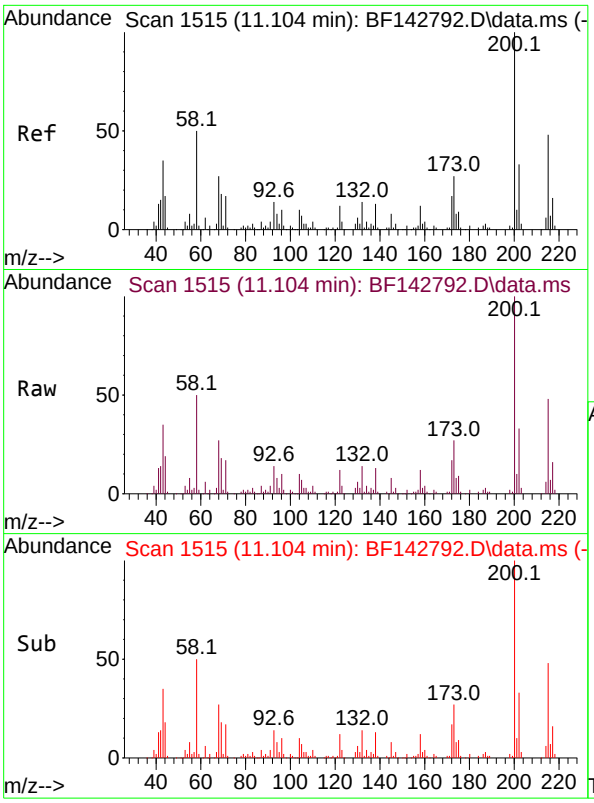


#68
Hexachlorobenzene
Concen: 37.057 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



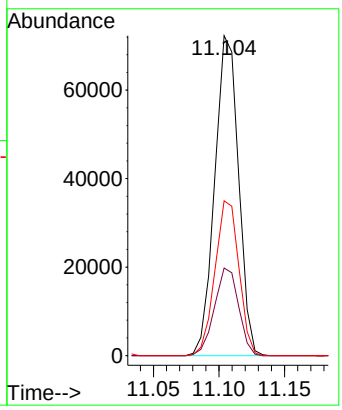


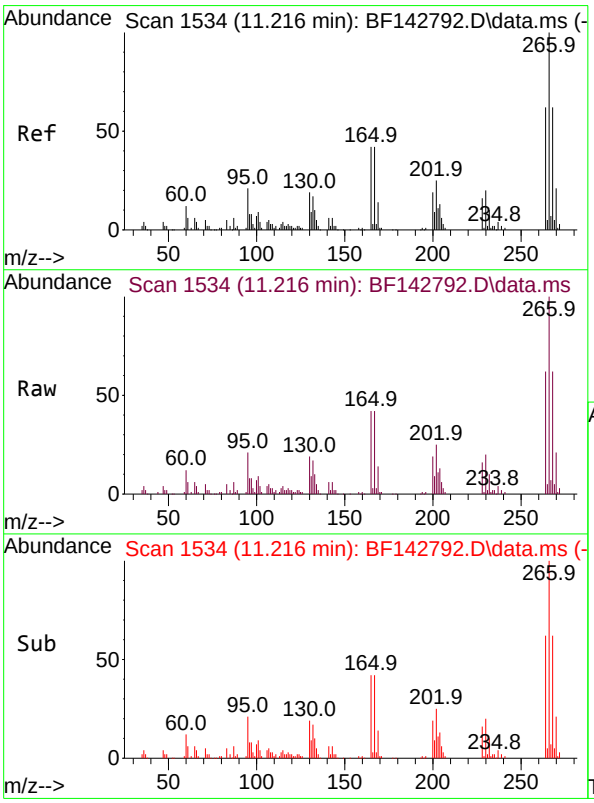
#69
Atrazine
Concen: 38.060 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

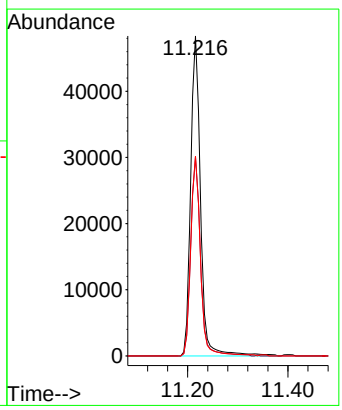


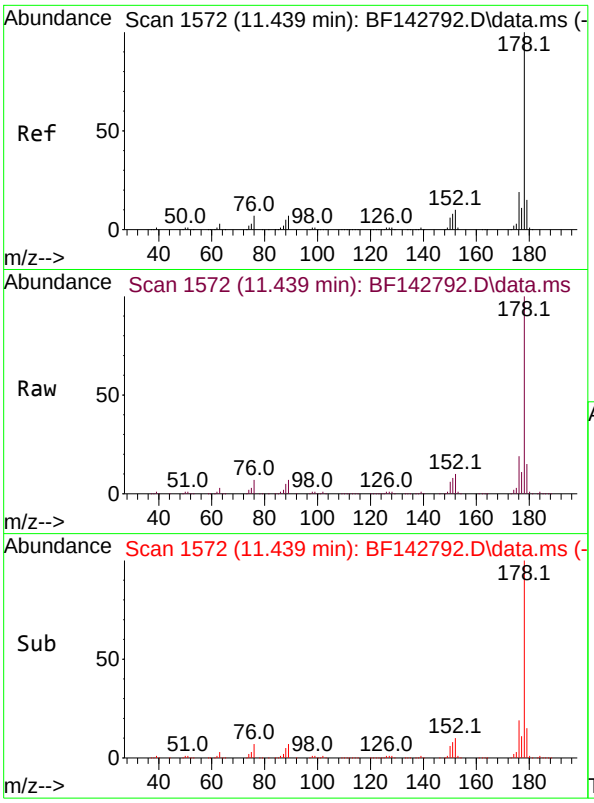


#70
Pentachlorophenol
Concen: 37.113 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



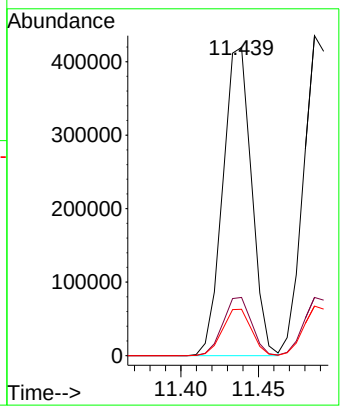


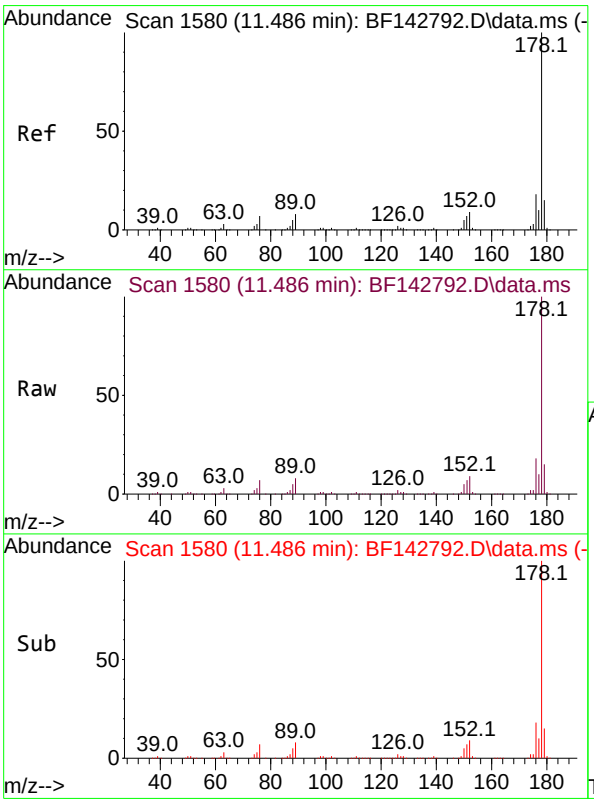
#71
Phenanthrene
Concen: 38.508 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

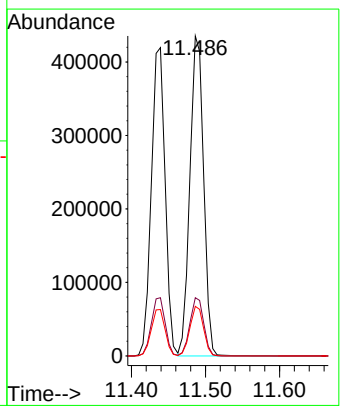


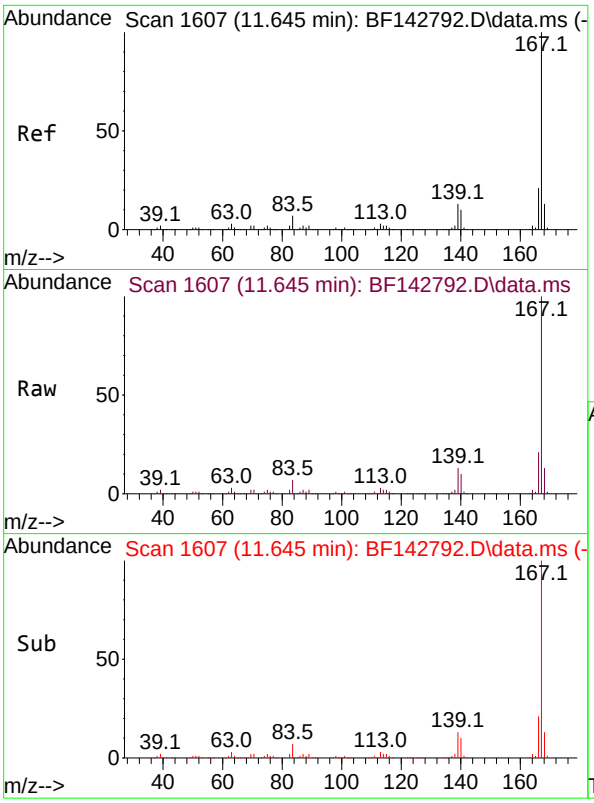


#72
Anthracene
Concen: 38.384 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



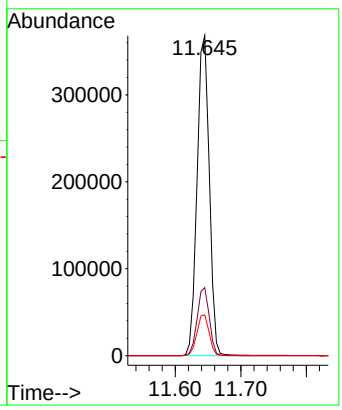


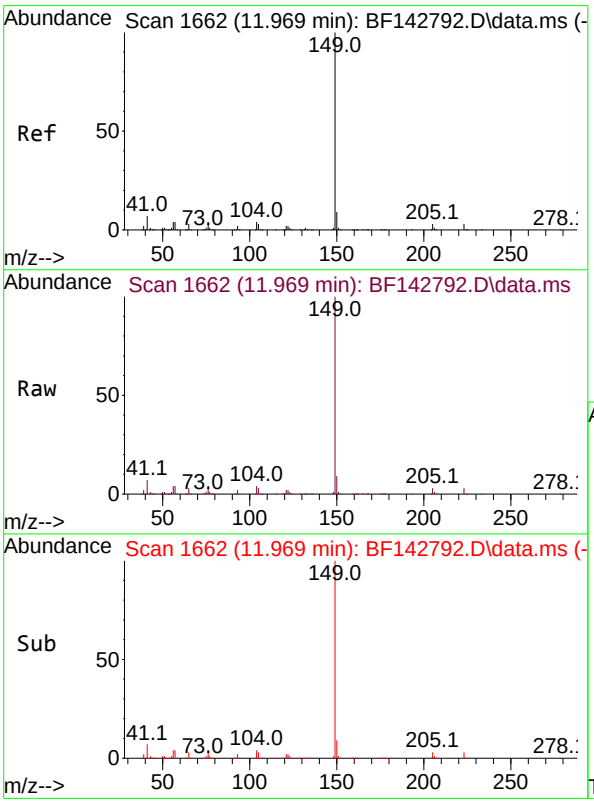
#73
Carbazole
Concen: 38.769 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

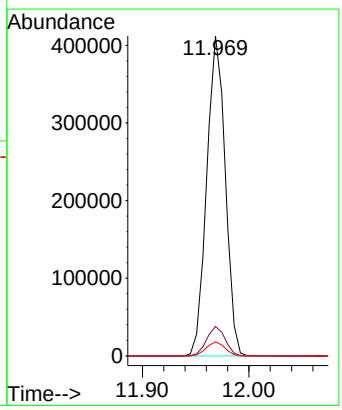


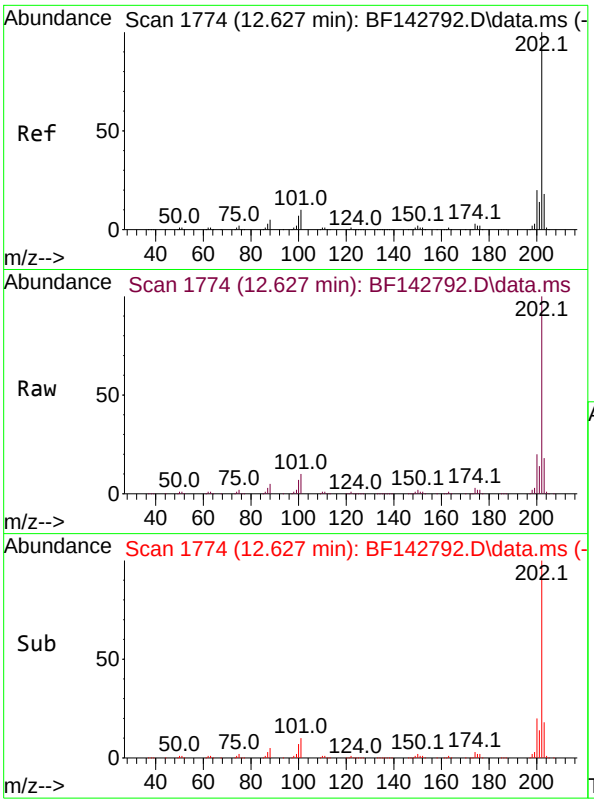


#74
Di-n-butylphthalate
Concen: 36.824 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



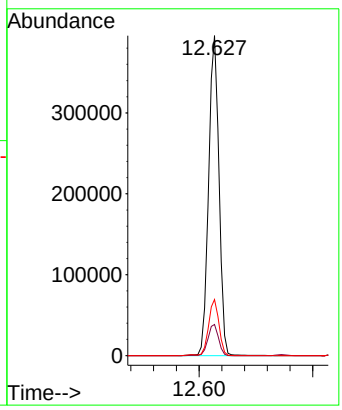


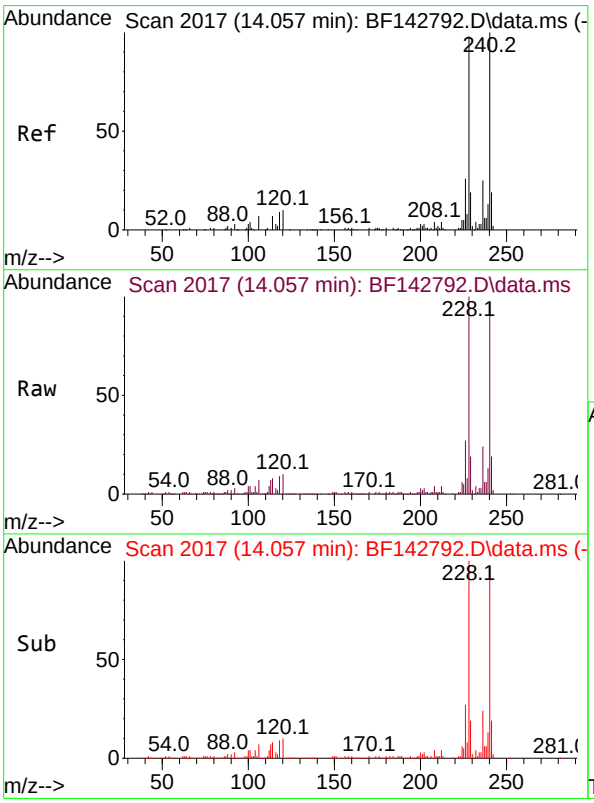
#75
Fluoranthene
Concen: 37.522 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

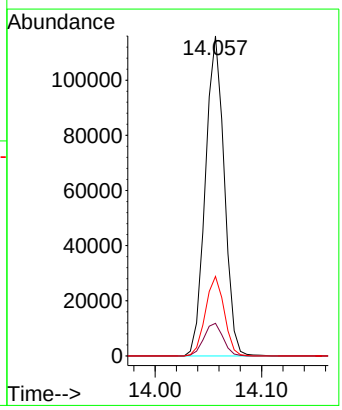


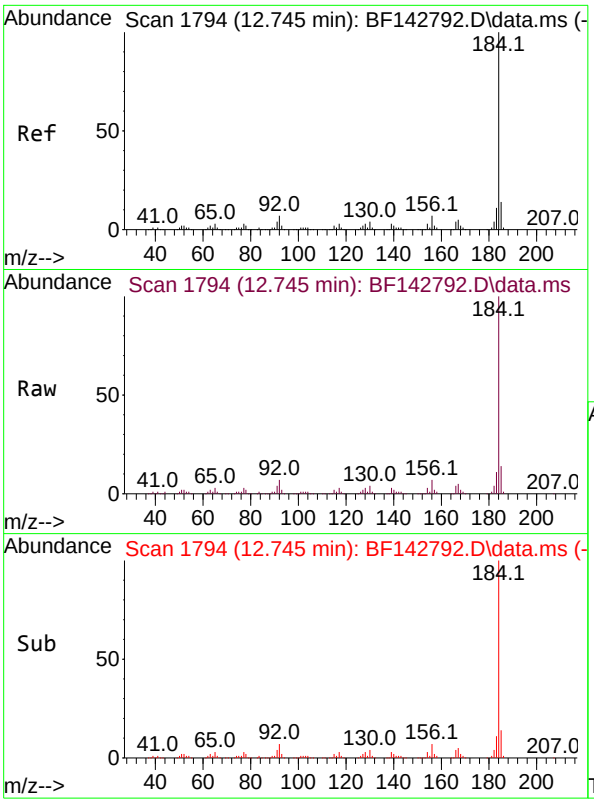


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



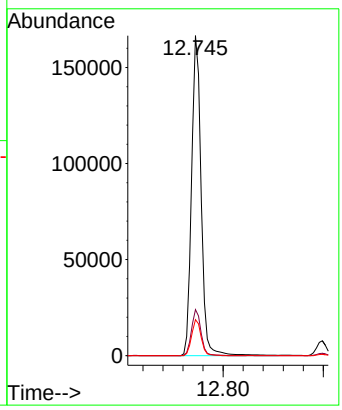


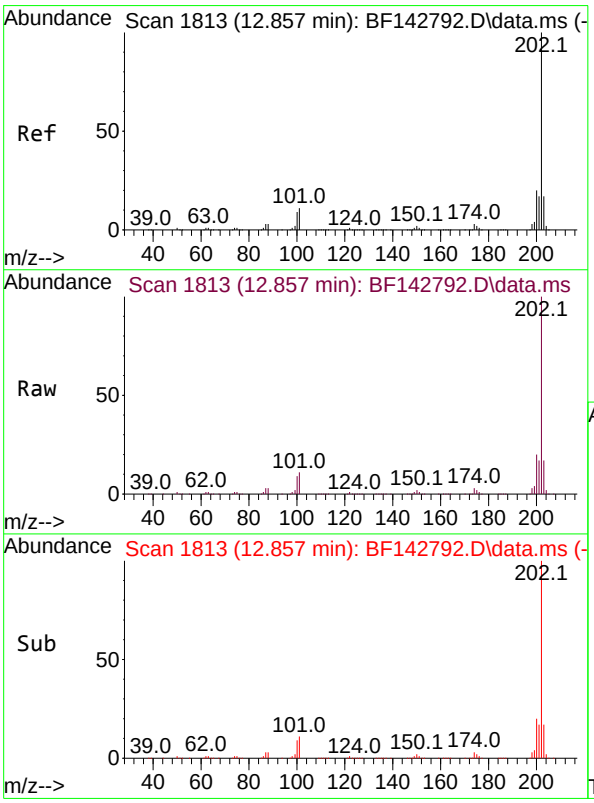
#77
Benzidine
Concen: 43.691 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

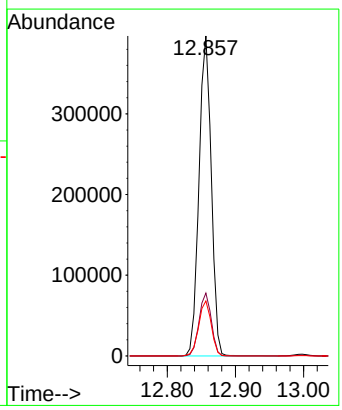


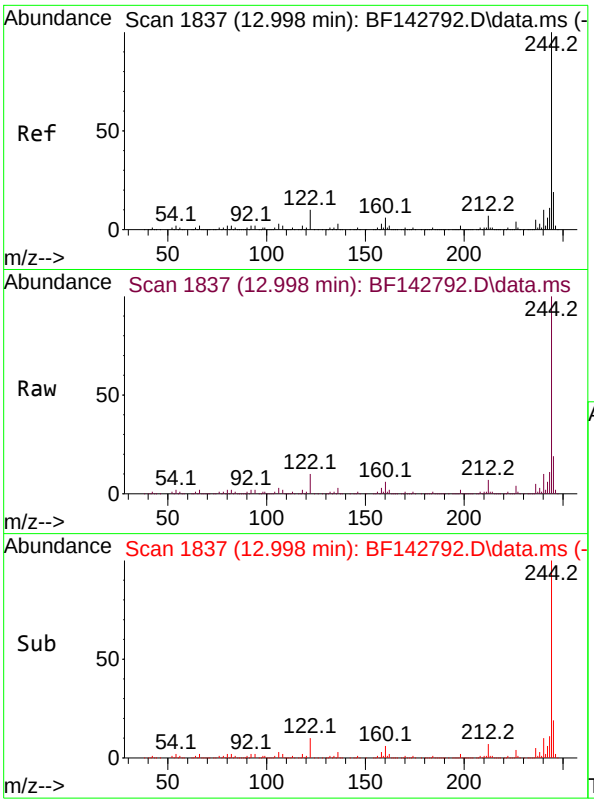


#78
Pyrene
Concen: 37.911 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



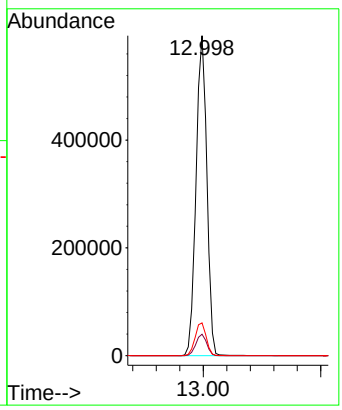


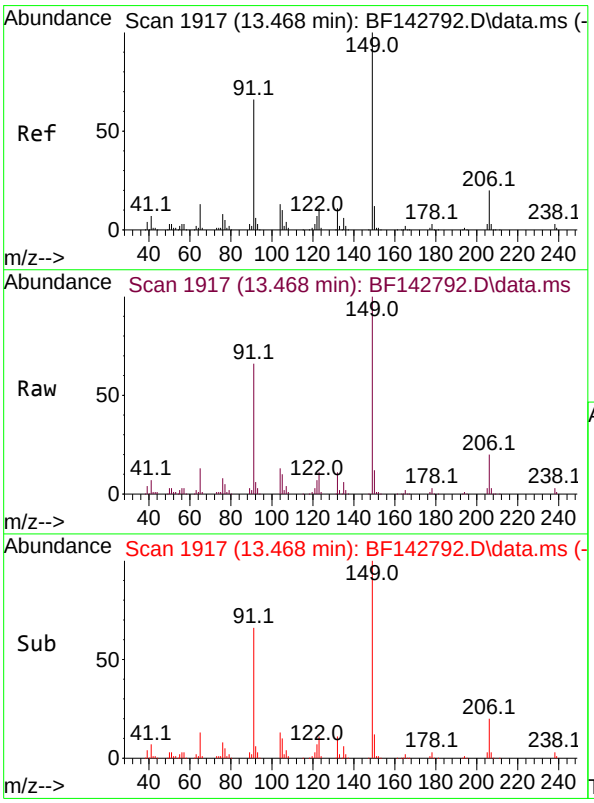
#79
Terphenyl-d14
Concen: 73.897 ng
RT: 12.998 min Scan# 18
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

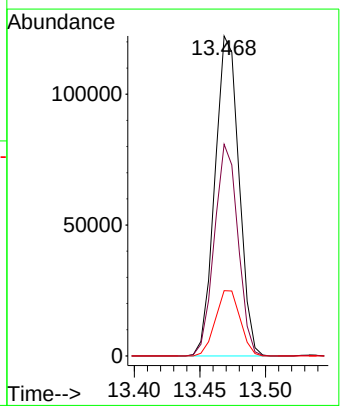


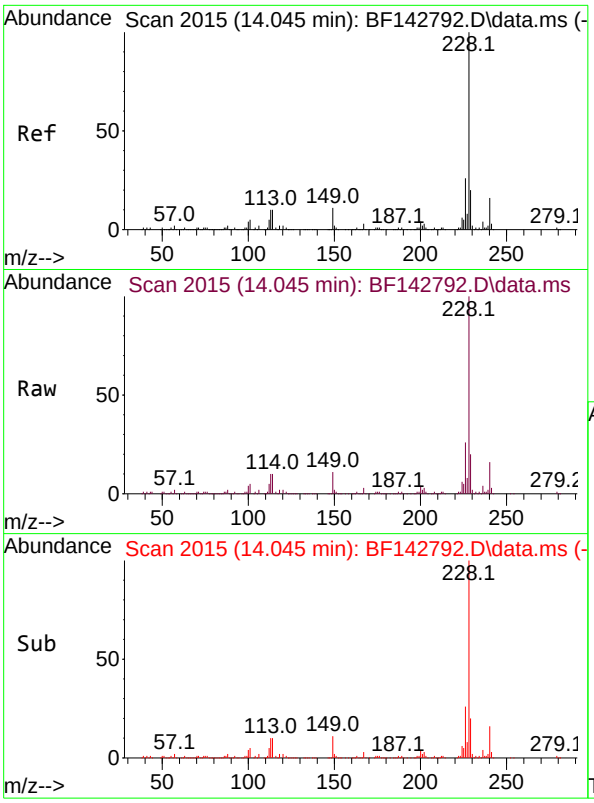


#80
Butylbenzylphthalate
Concen: 40.172 ng
RT: 13.468 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



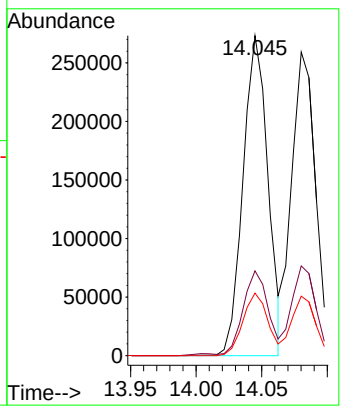


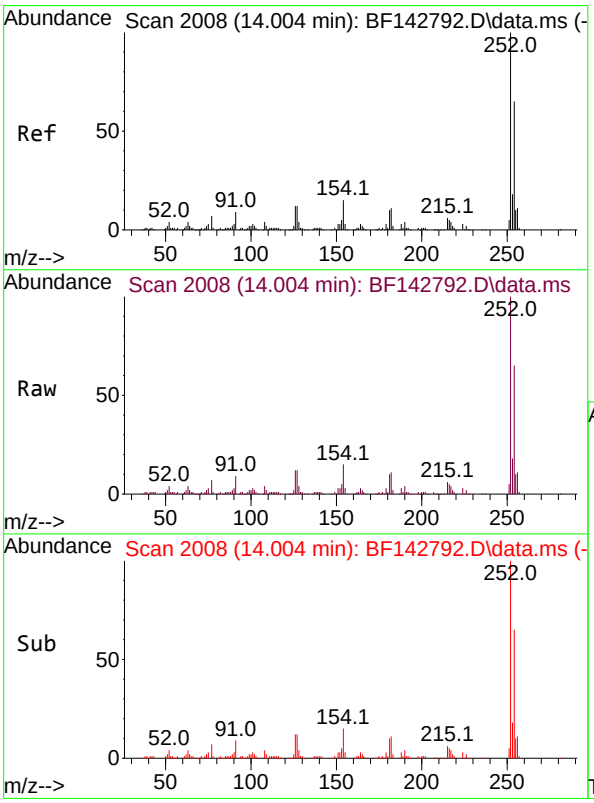
#81
Benzo(a)anthracene
Concen: 38.522 ng
RT: 14.045 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

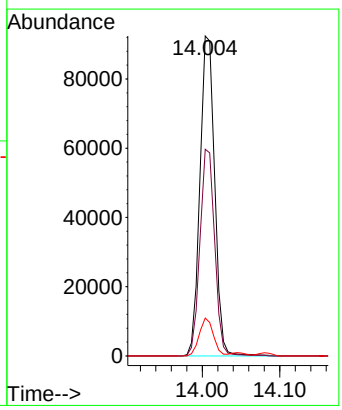


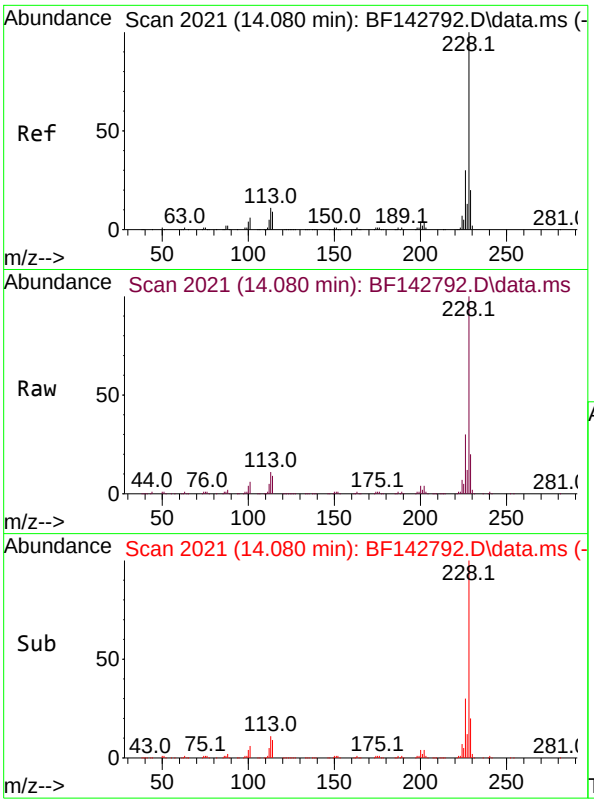


#82
3,3'-Dichlorobenzidine
Concen: 40.321 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



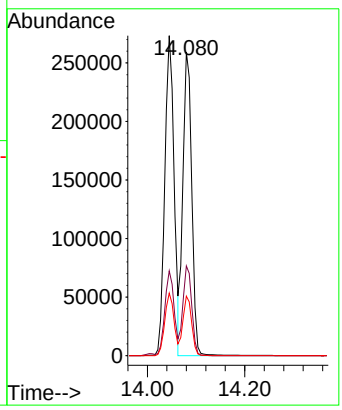


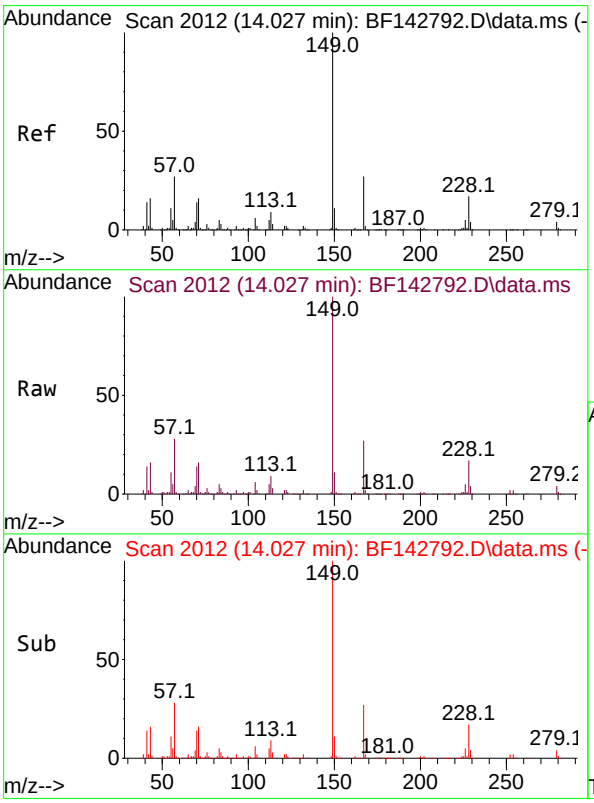
#83
Chrysene
Concen: 38.101 ng
RT: 14.080 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

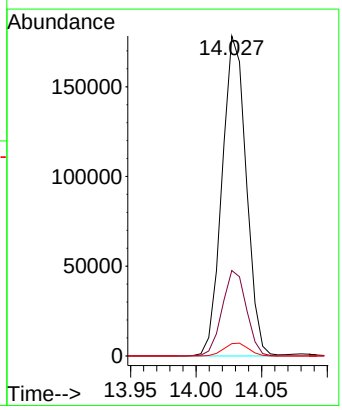


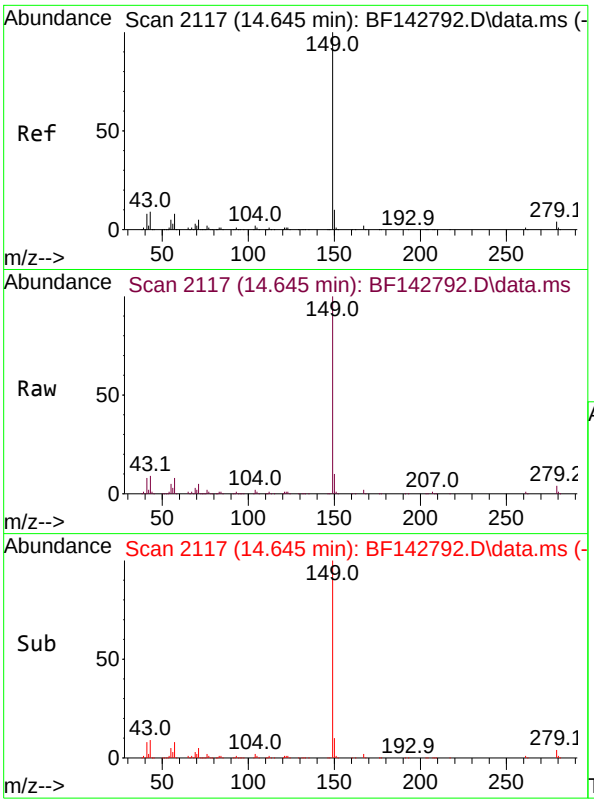


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.589 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



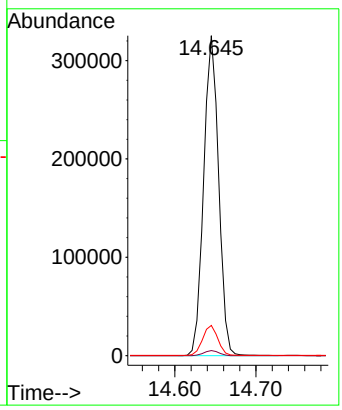


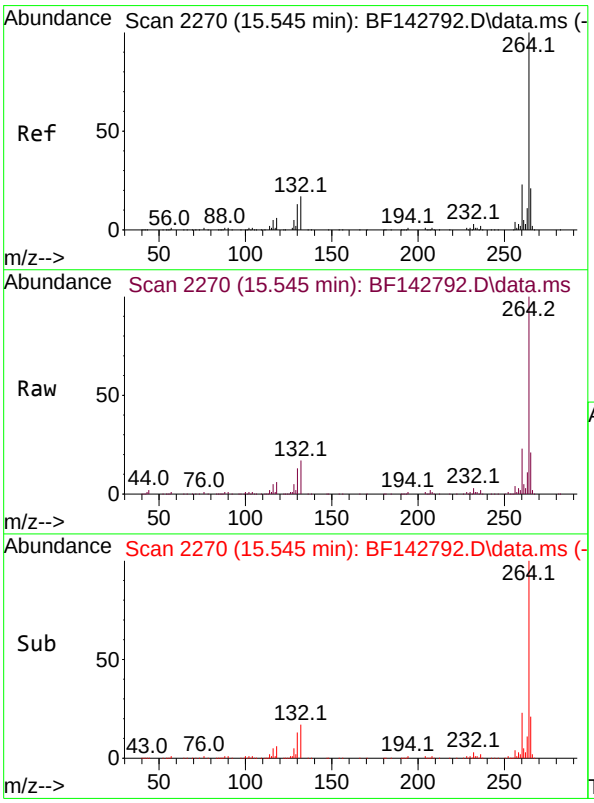
#85
Di-n-octyl phthalate
Concen: 37.837 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

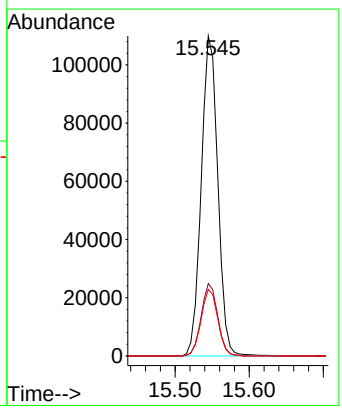


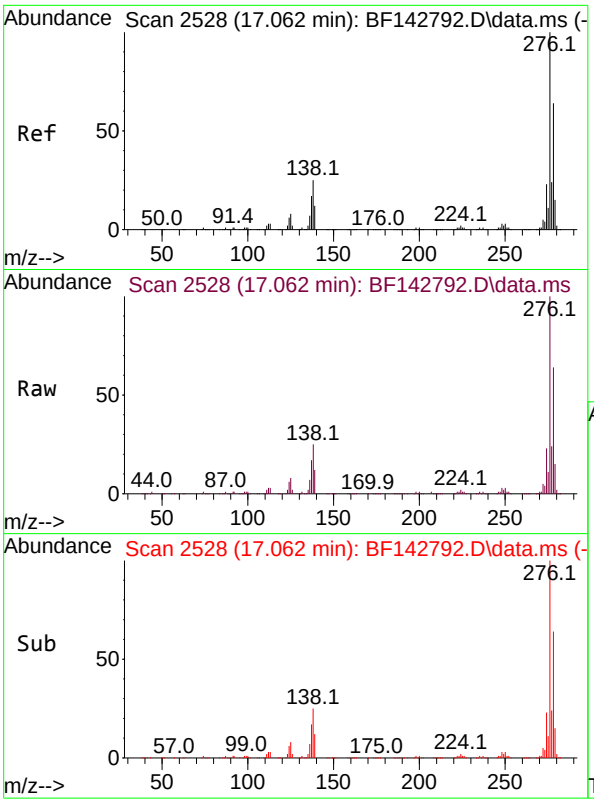


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



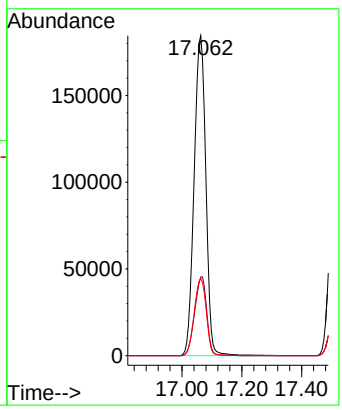


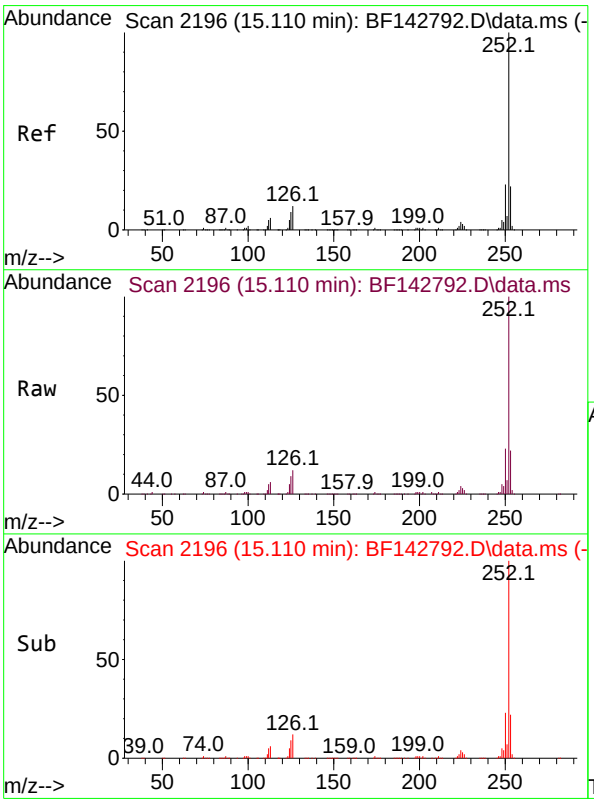
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.863 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

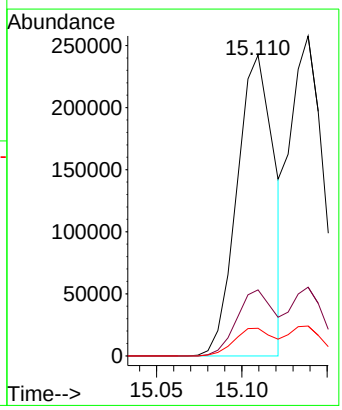


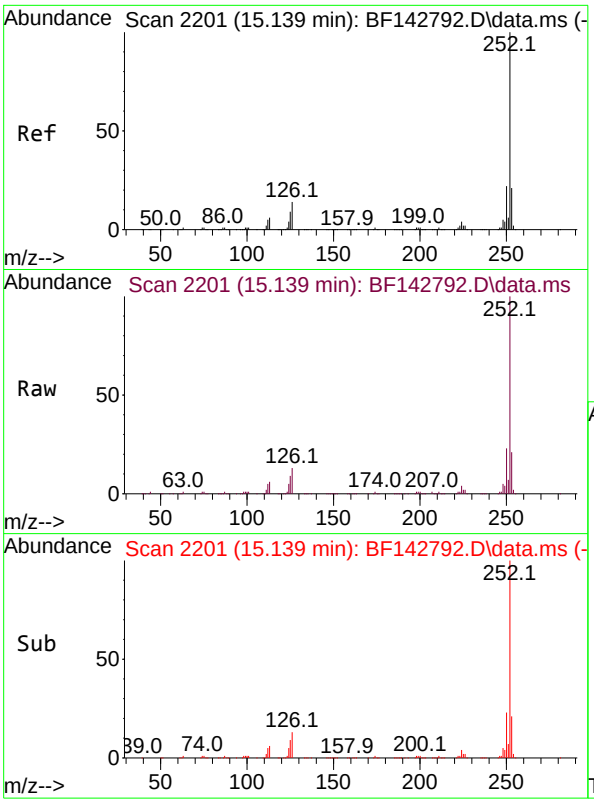


#88
Benzo(b)fluoranthene
Concen: 36.825 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



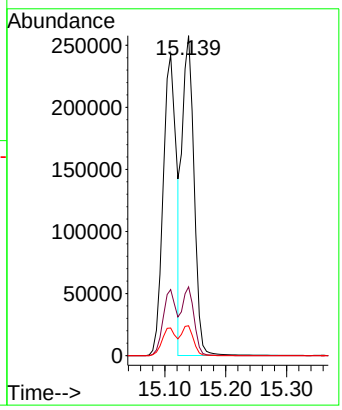


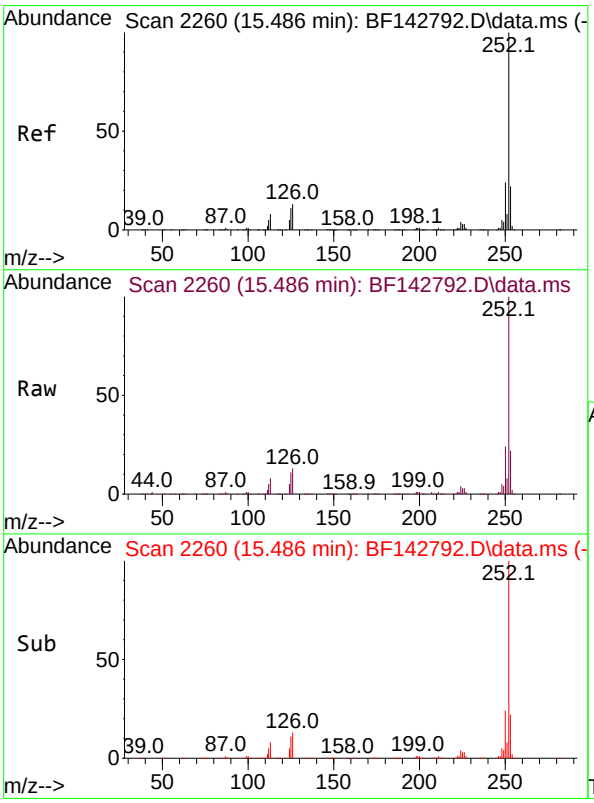
#89
Benzo(k)fluoranthene
Concen: 36.466 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

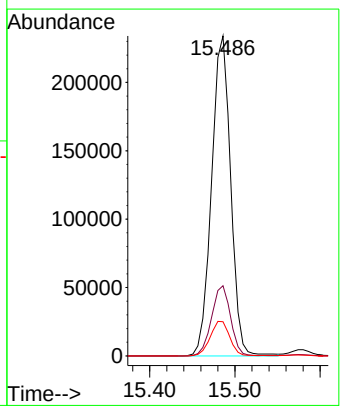


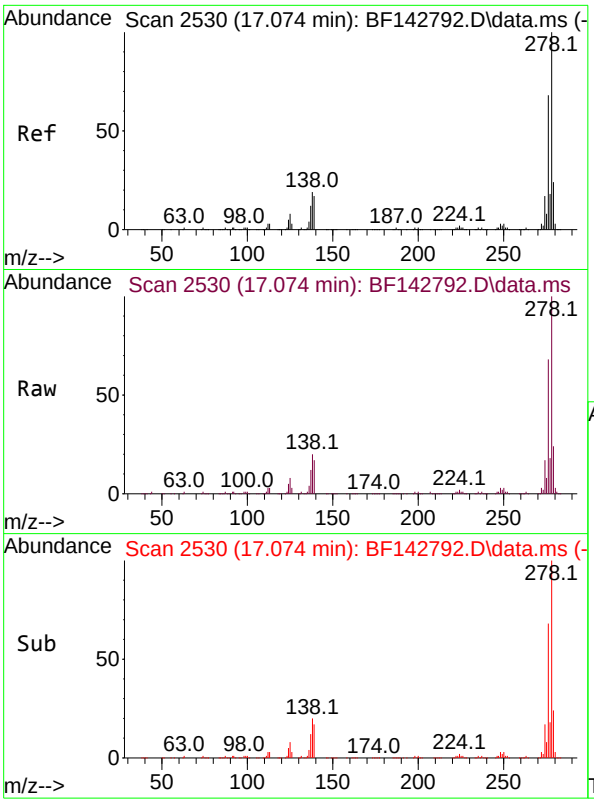


#90
Benzo(a)pyrene
Concen: 38.357 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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



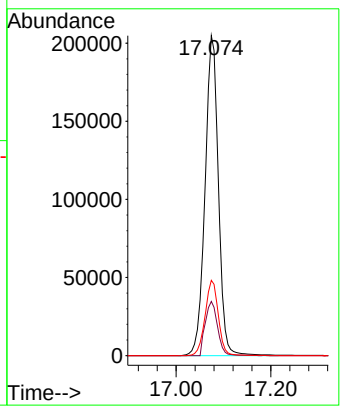


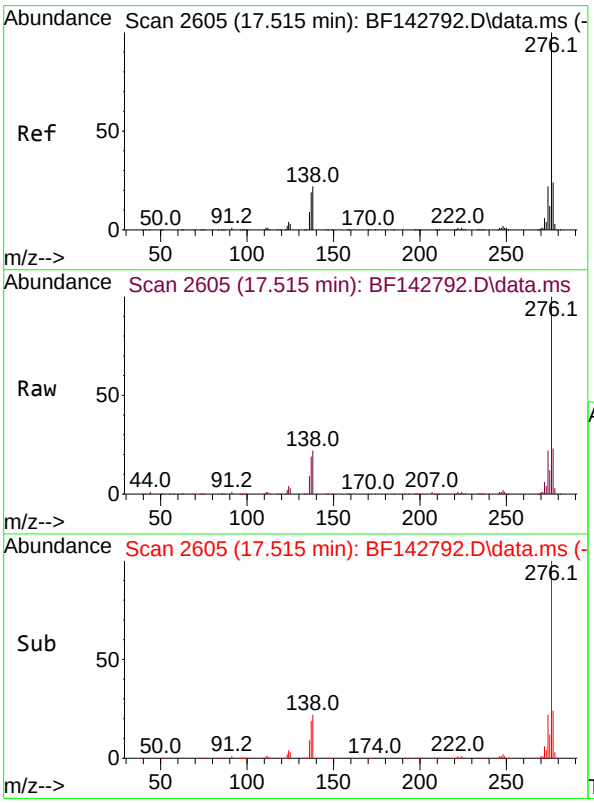
#91
Dibenzo(a,h)anthracene
Concen: 39.266 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

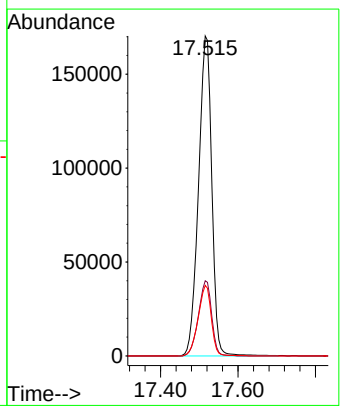




#92
Benzo(g,h,i)perylene
Concen: 39.635 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142792.D
Acq: 19 Jun 2025 19:09

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

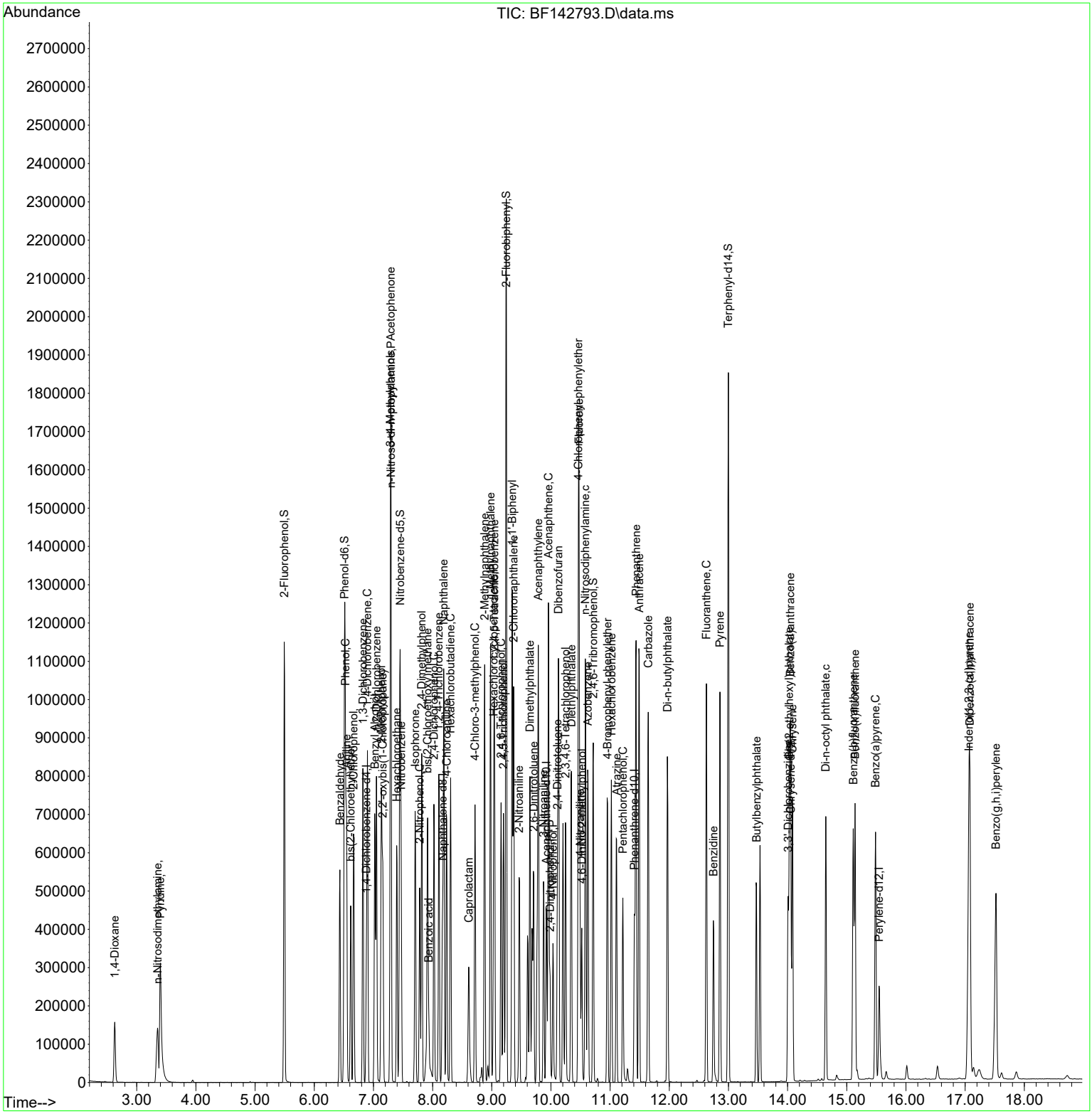
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144717	51.550	ng	100
46) 1,1'-Biphenyl	9.345	154	559765	51.807	ng	99
47) 2-Chloronaphthalene	9.369	162	420603	52.754	ng	100
48) 2-Nitroaniline	9.463	65	124478	54.955	ng	99
49) Acenaphthylene	9.786	152	694098	51.783	ng	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

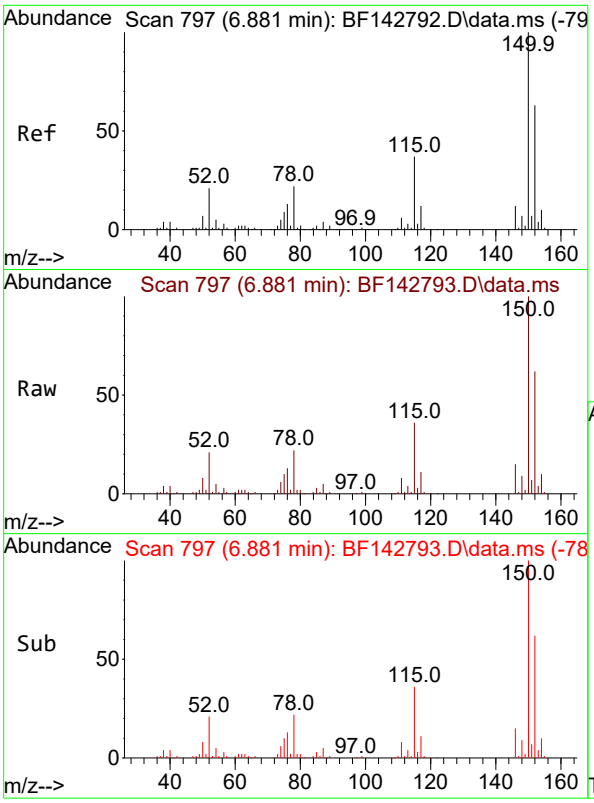
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



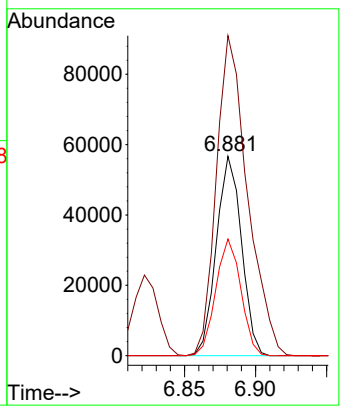


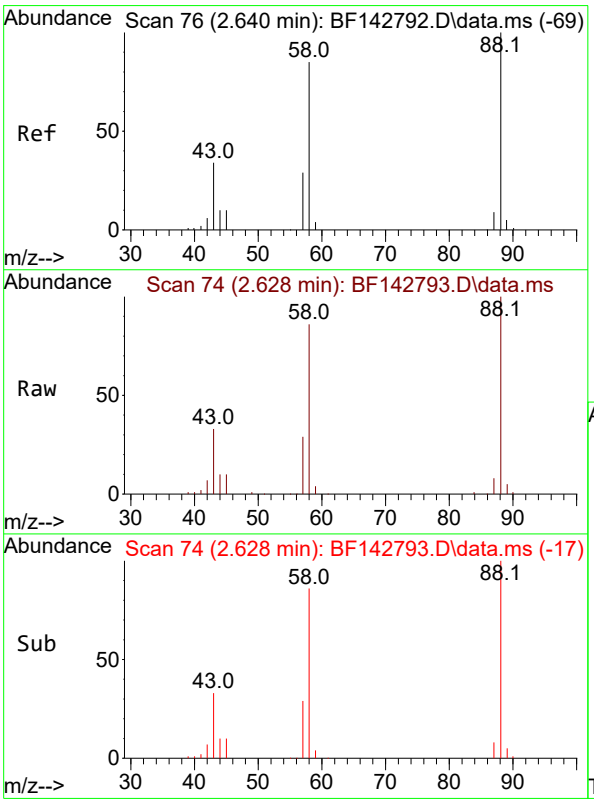
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

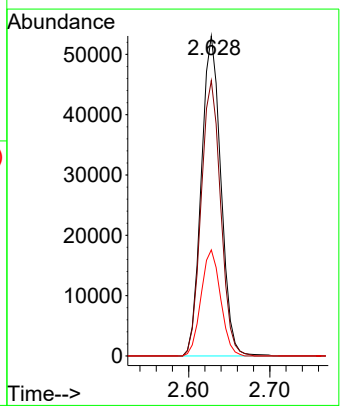


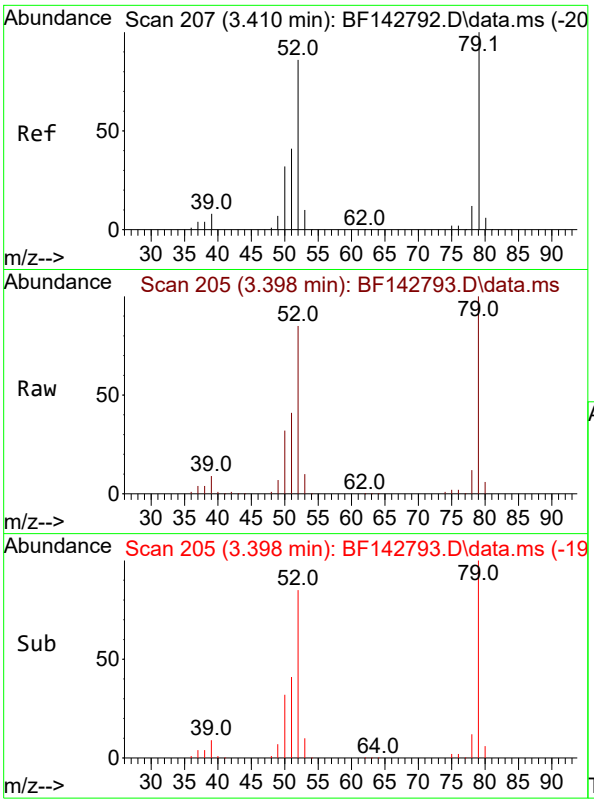


#2
1,4-Dioxane
Concen: 54.606 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



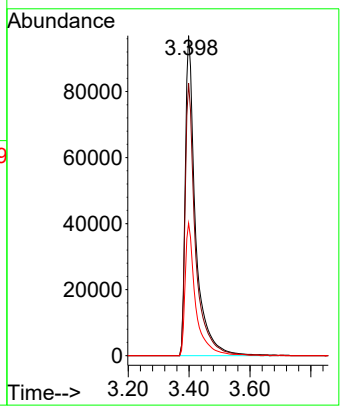


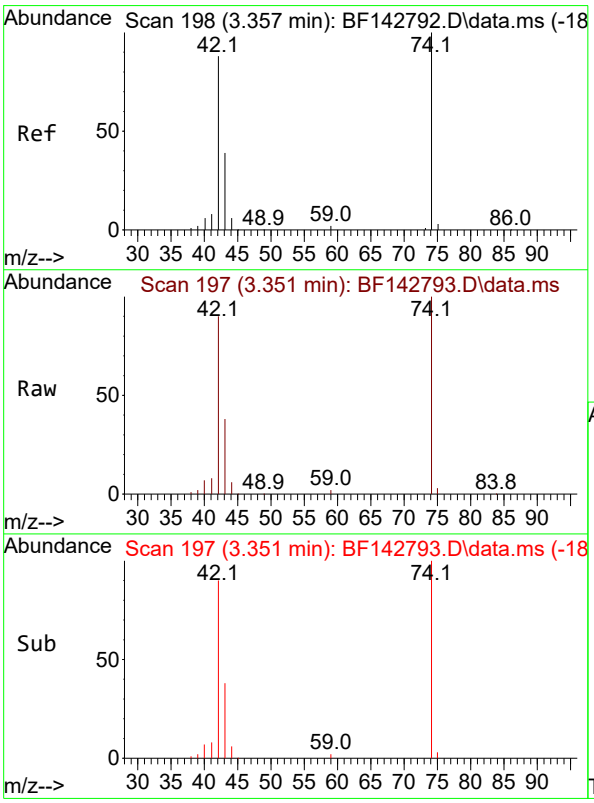
#3
Pyridine
Concen: 55.874 ng
RT: 3.398 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

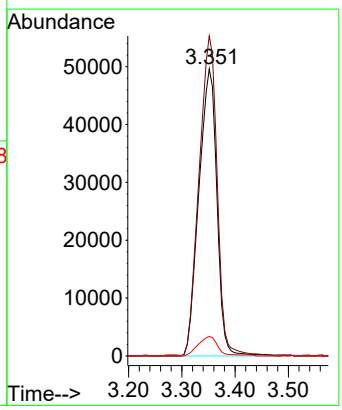


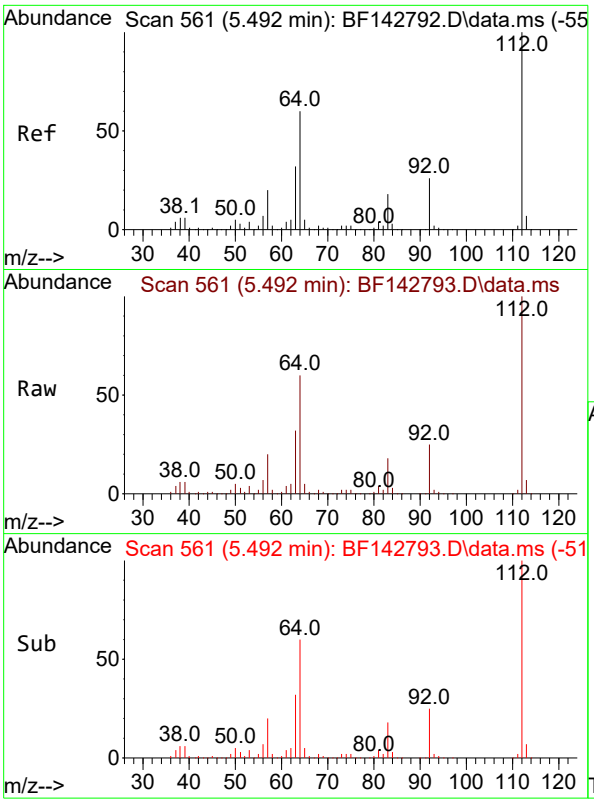


#4
n-Nitrosodimethylamine
Concen: 55.913 ng
RT: 3.351 min Scan# 197
Delta R.T. -0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



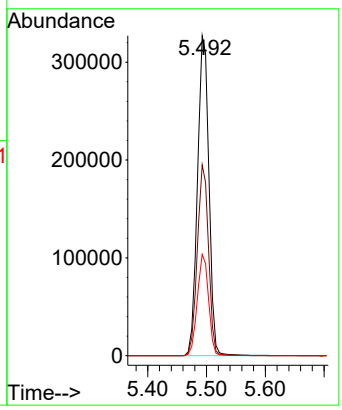


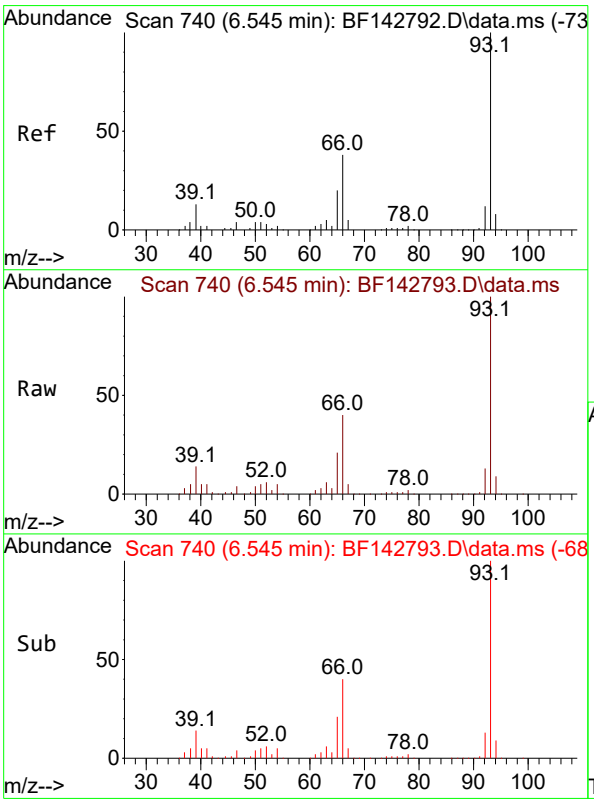
#5
2-Fluorophenol
Concen: 107.674 ng
RT: 5.492 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

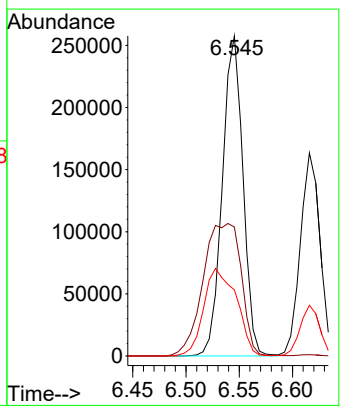


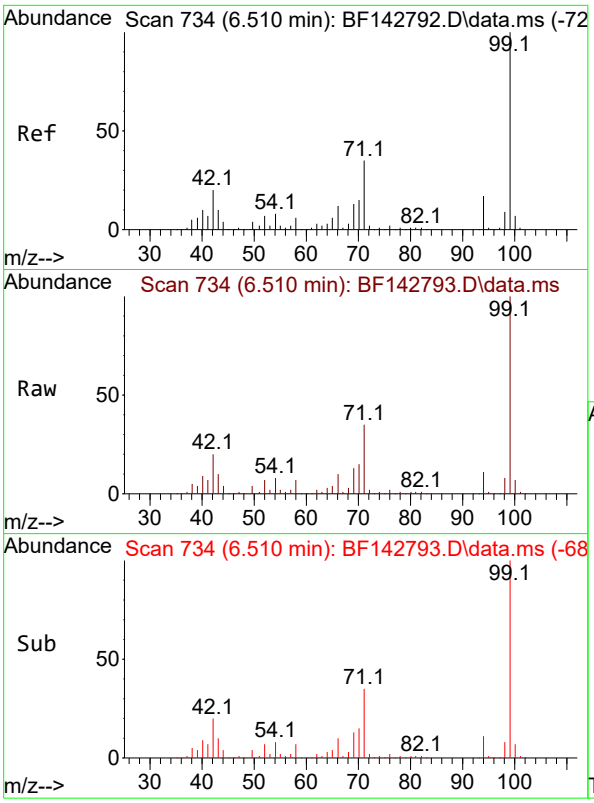


#6
Aniline
Concen: 53.700 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



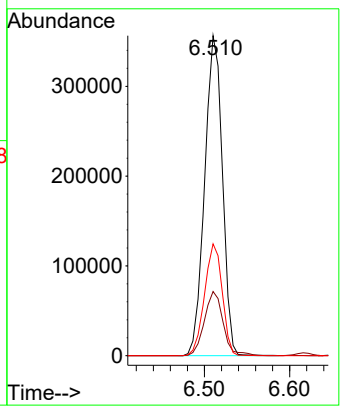


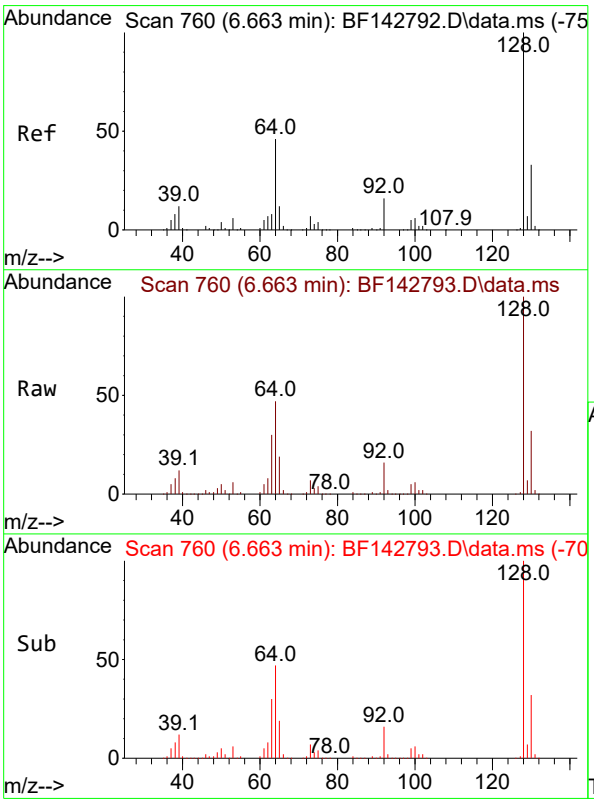
#7
Phenol-d6
Concen: 107.451 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

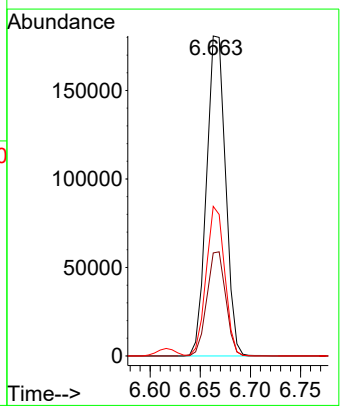


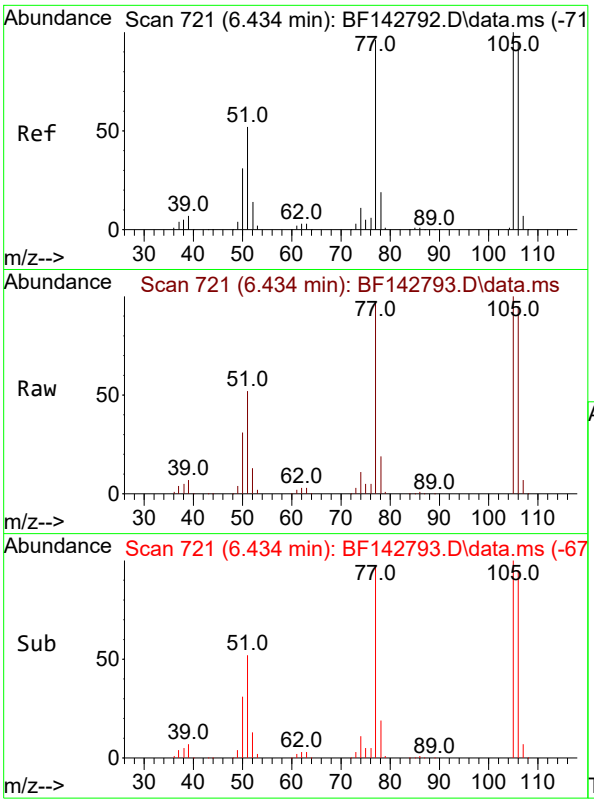


#8
2-Chlorophenol
Concen: 53.507 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



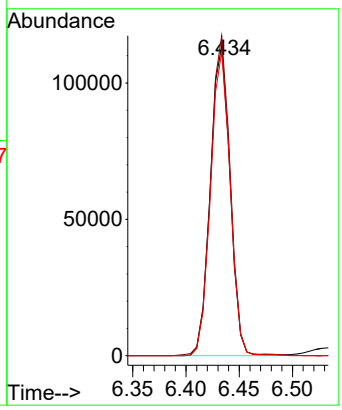


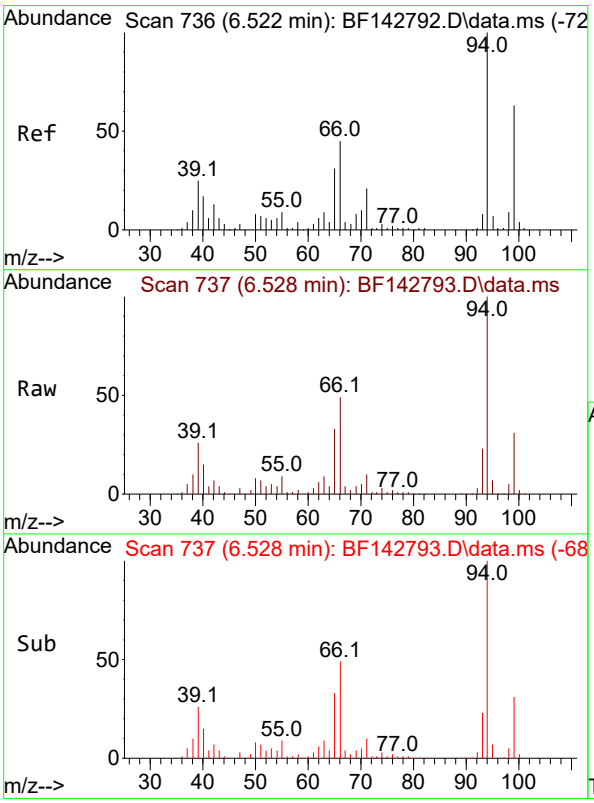
#9
Benzaldehyde
Concen: 49.583 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

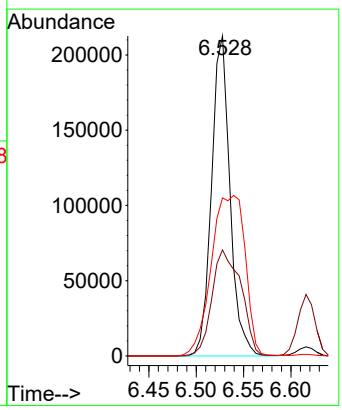


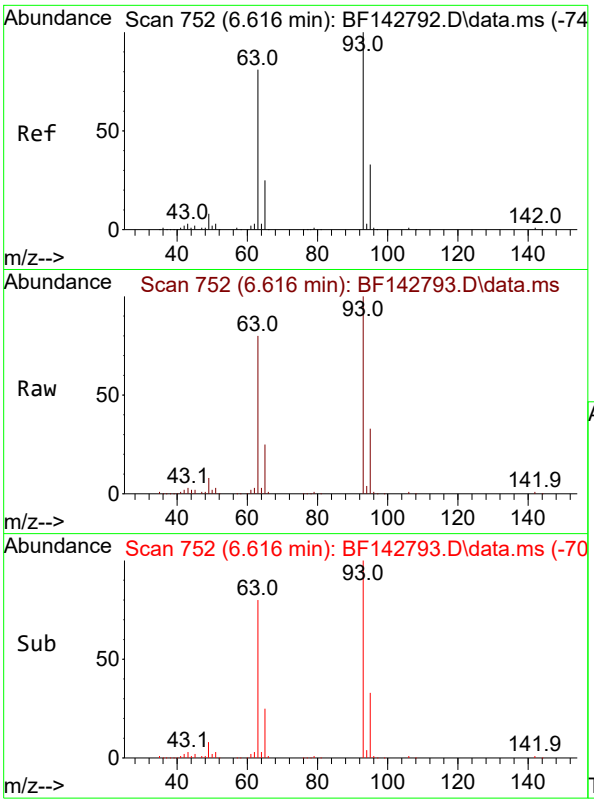


#10
Phenol
Concen: 53.781 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



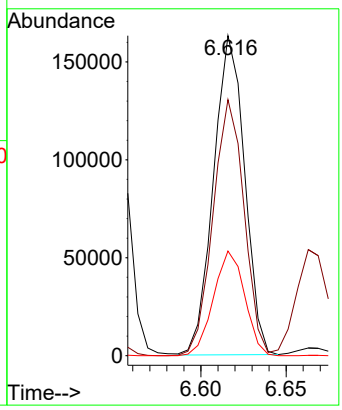


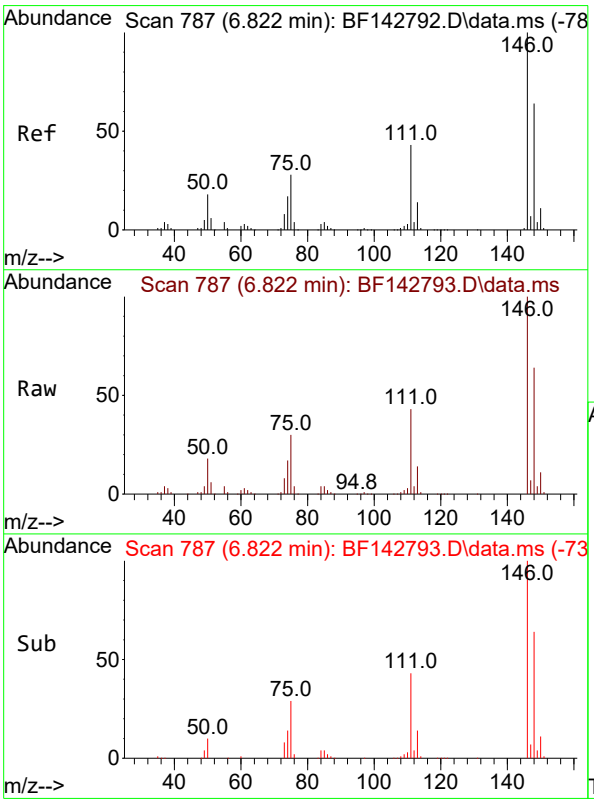
#11
bis(2-Chloroethyl)ether
Concen: 51.933 ng
RT: 6.616 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

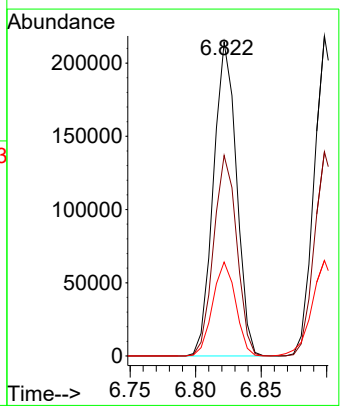


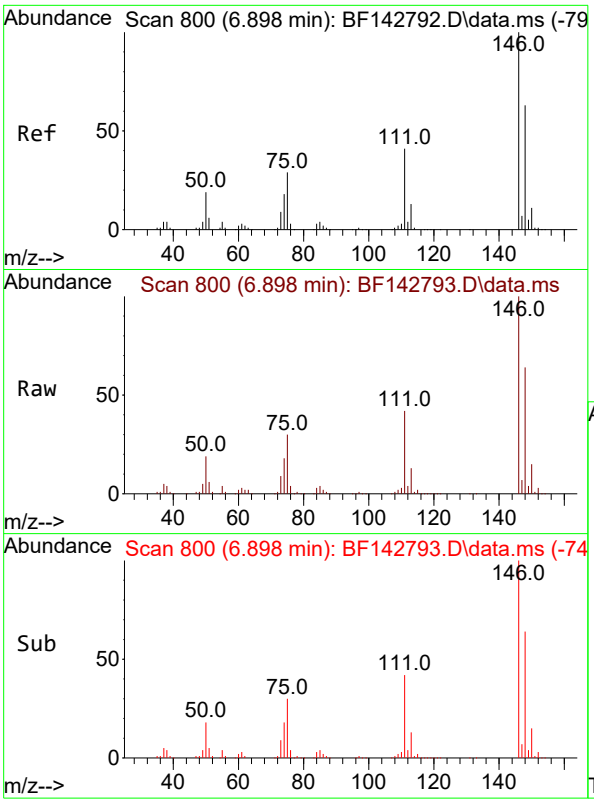


#12
1,3-Dichlorobenzene
Concen: 51.598 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



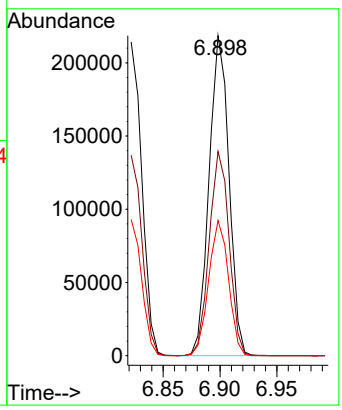


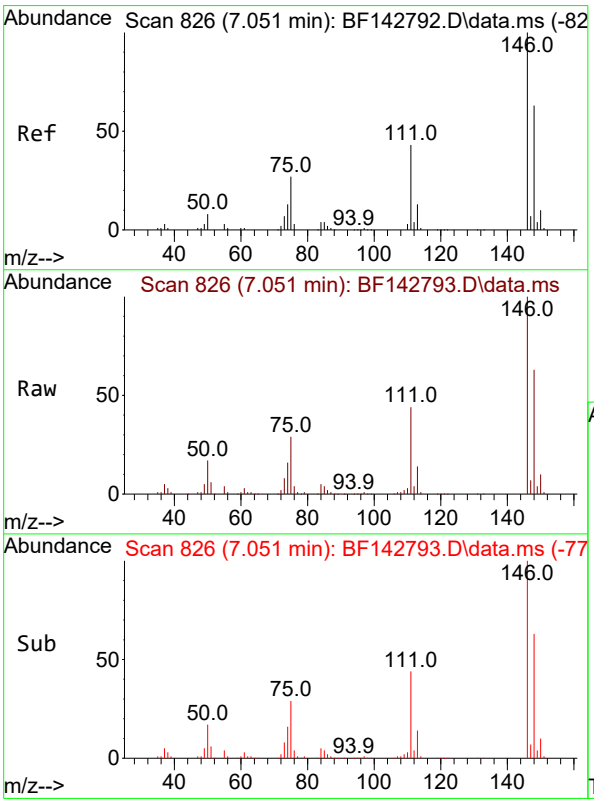
#13
1,4-Dichlorobenzene
Concen: 51.685 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

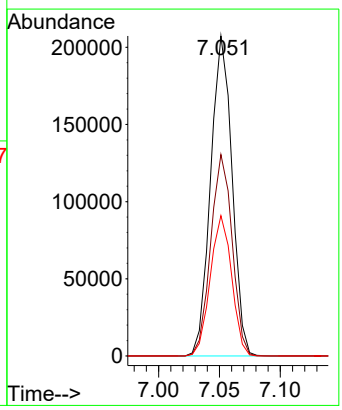


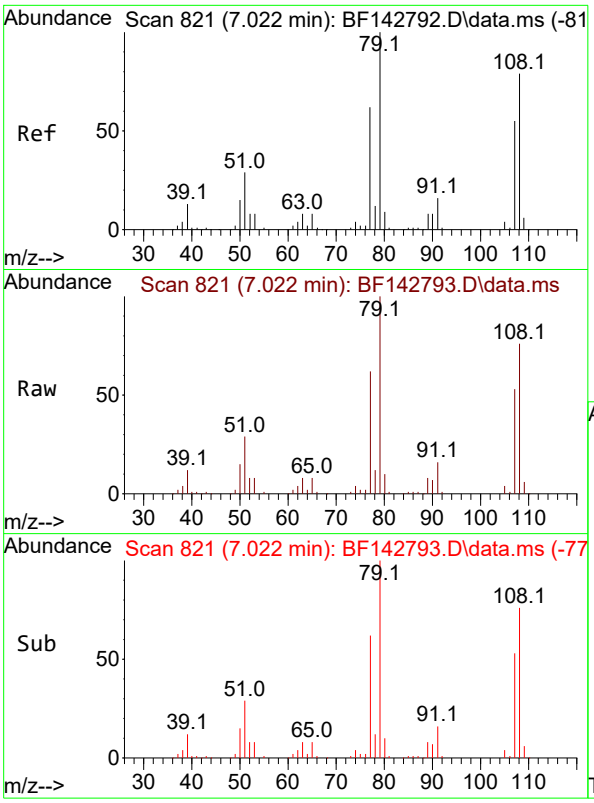


#14
1,2-Dichlorobenzene
Concen: 51.487 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



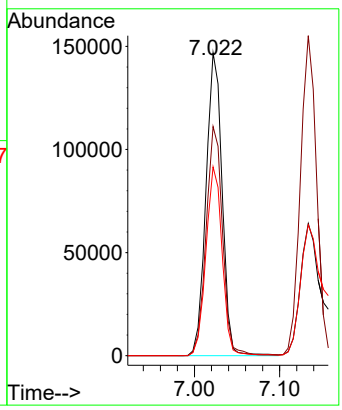


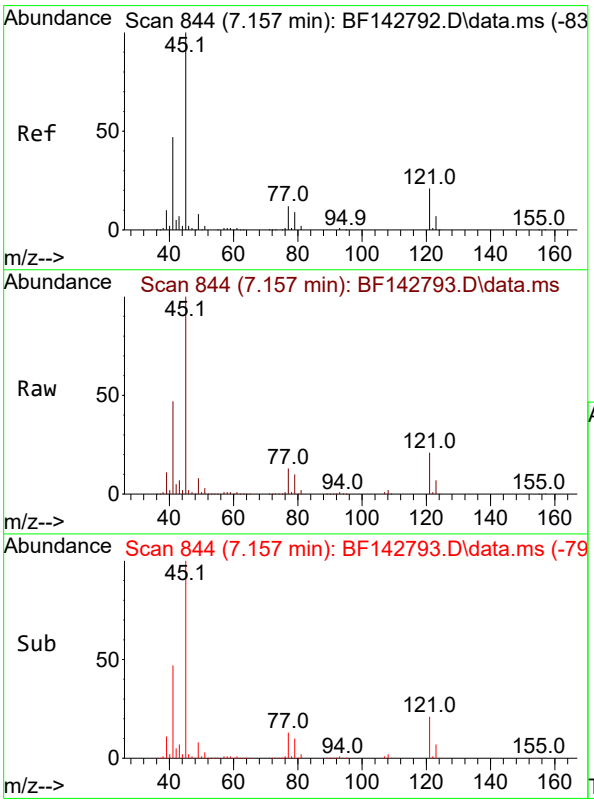
#15
Benzyl Alcohol
Concen: 53.677 ng
RT: 7.022 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

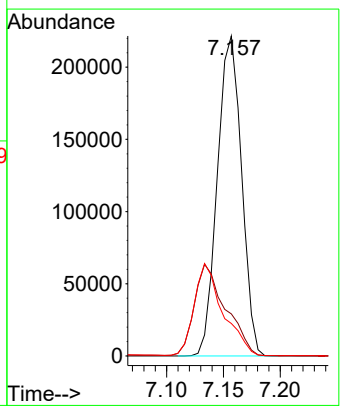


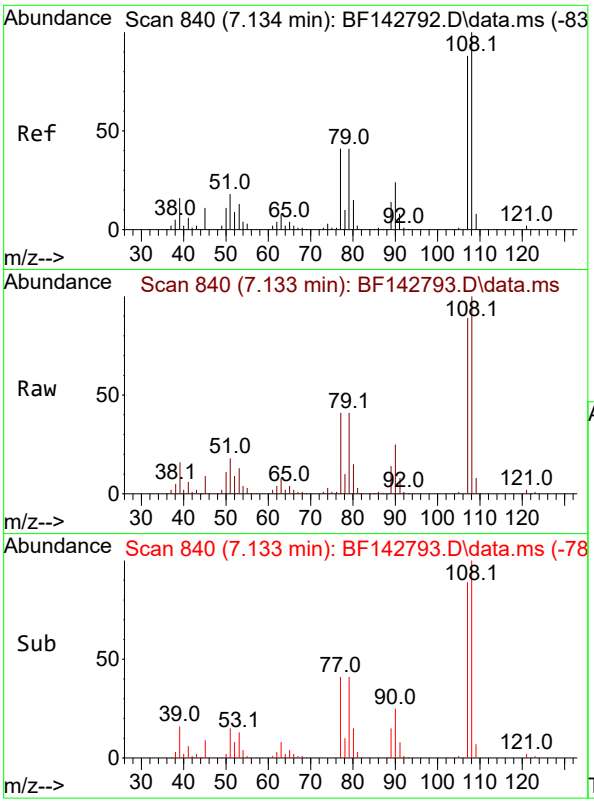


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.354 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



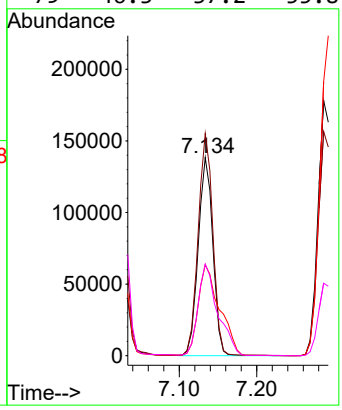


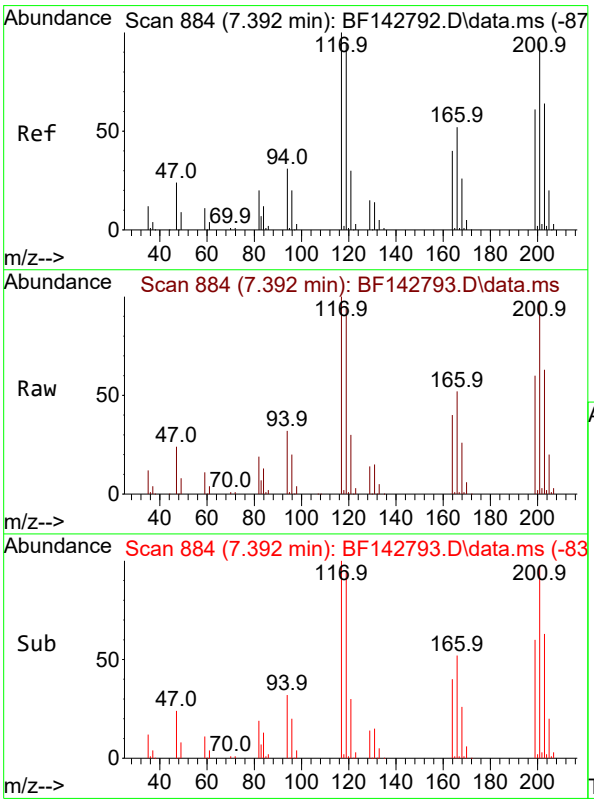
#17
2-Methylphenol
Concen: 53.415 ng
RT: 7.133 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

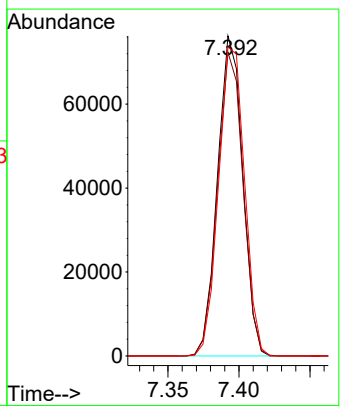


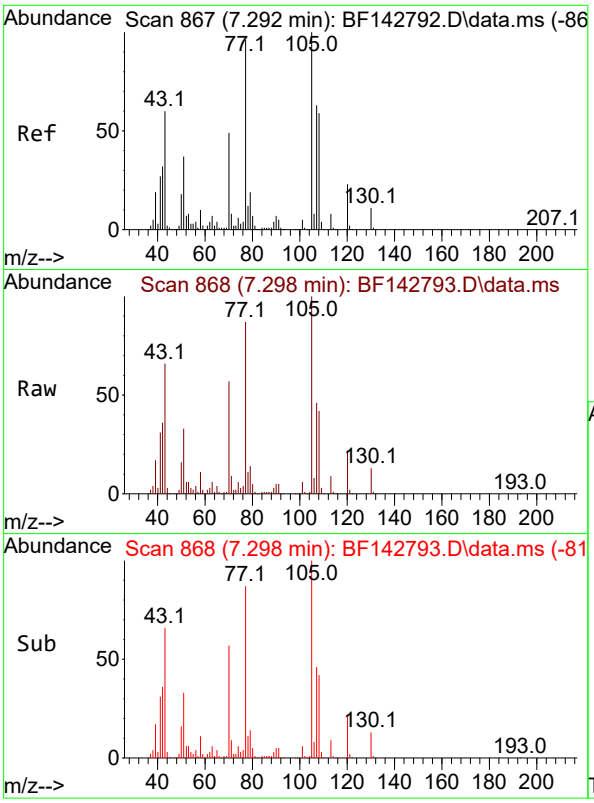


#18
Hexachloroethane
Concen: 51.126 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



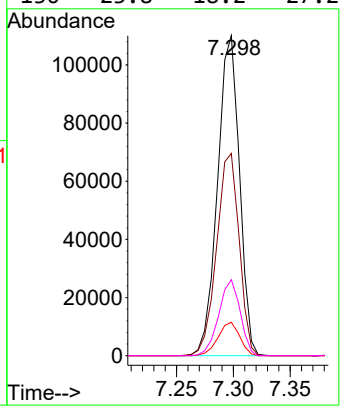


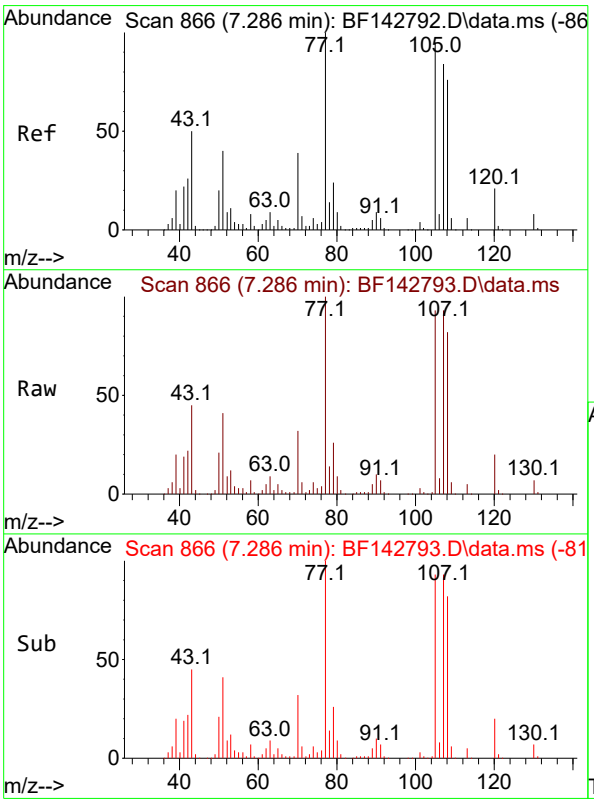
#19
n-Nitroso-di-n-propylamine
Concen: 48.753 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

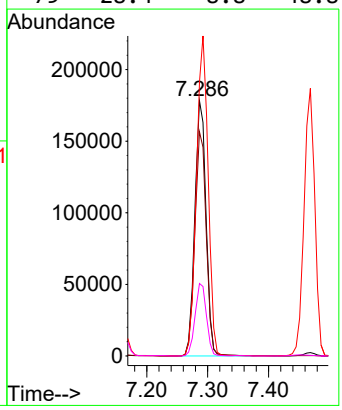


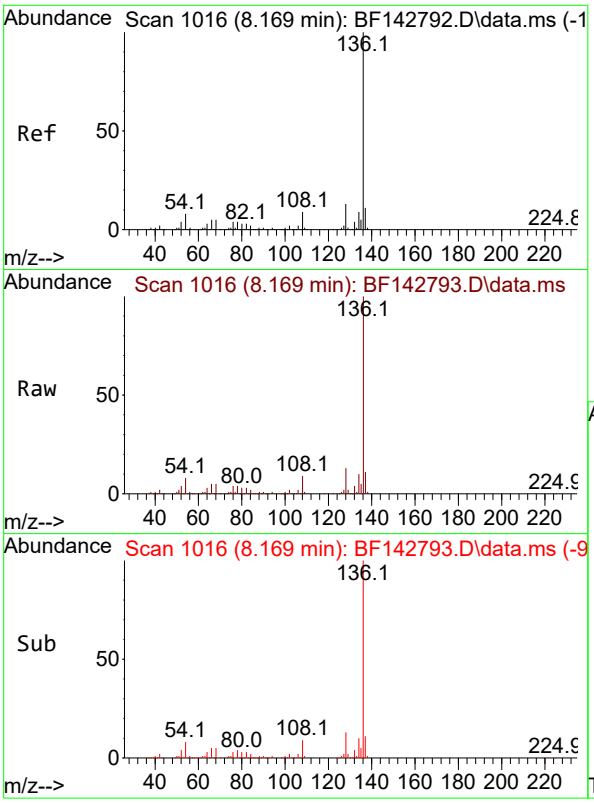


#20
3+4-Methylphenols
Concen: 53.390 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



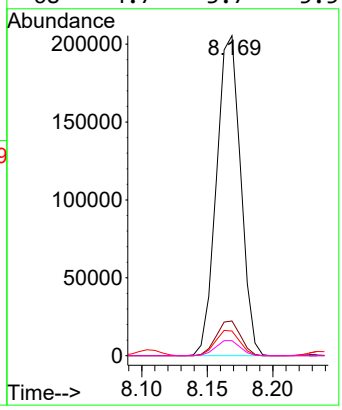


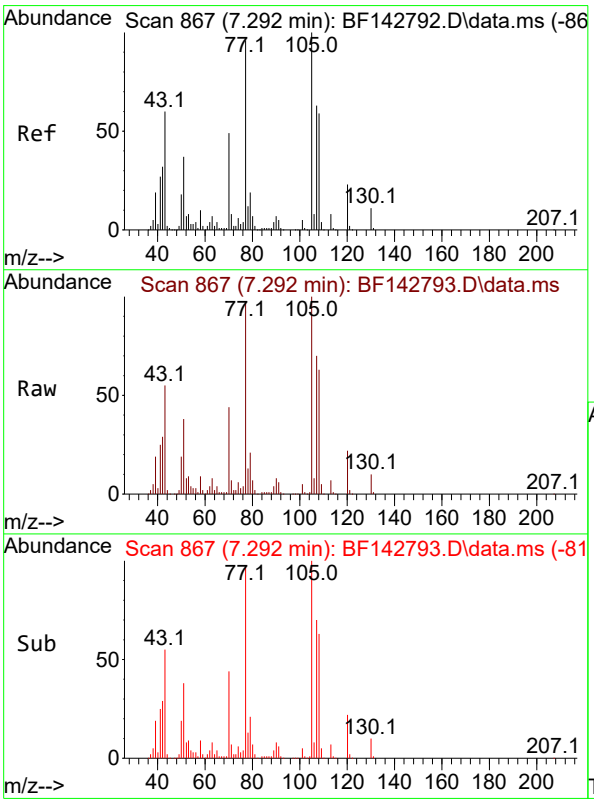
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

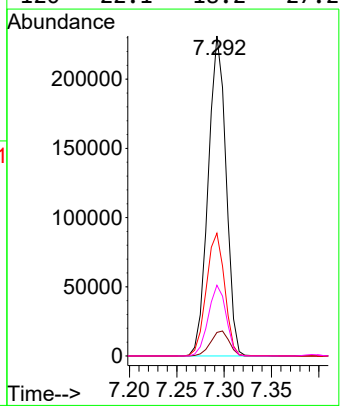


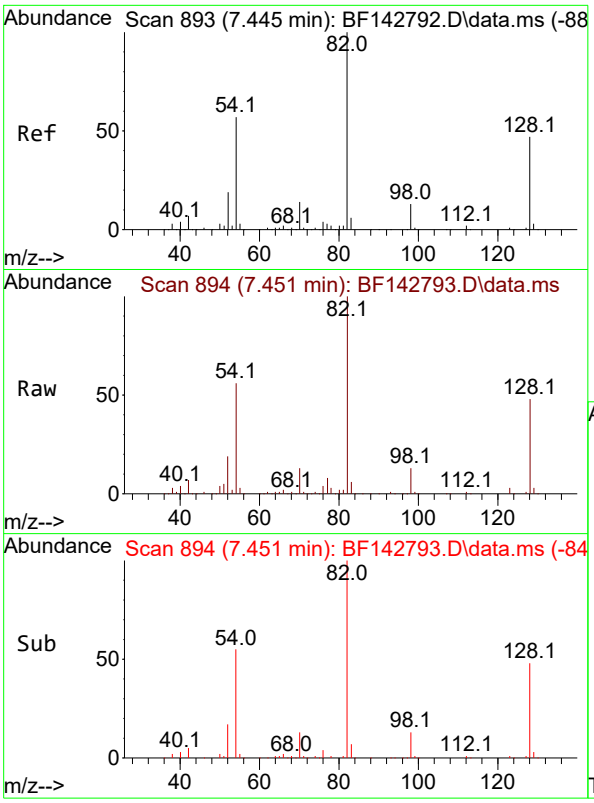


#22
Acetophenone
Concen: 52.102 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



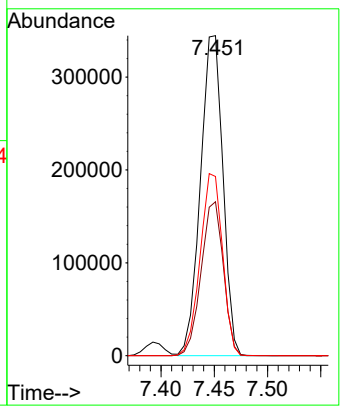


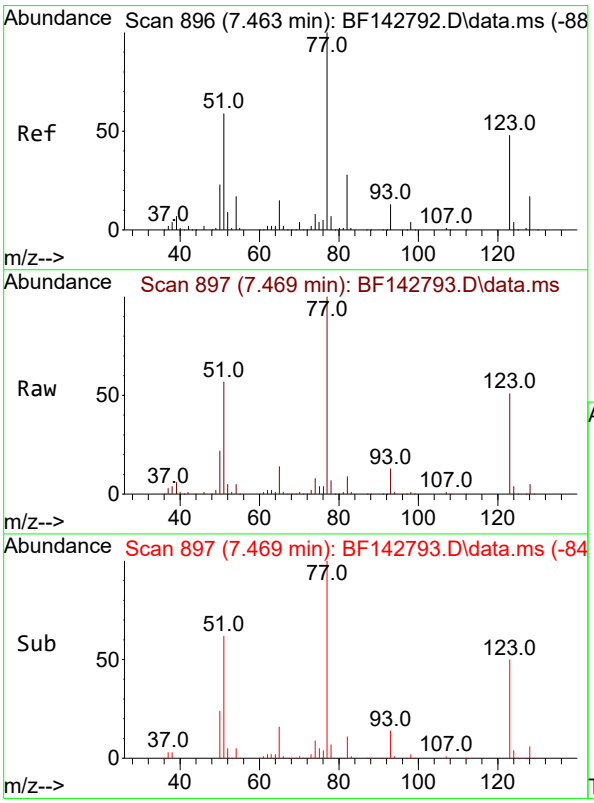
#23
Nitrobenzene-d5
Concen: 105.669 ng
RT: 7.451 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

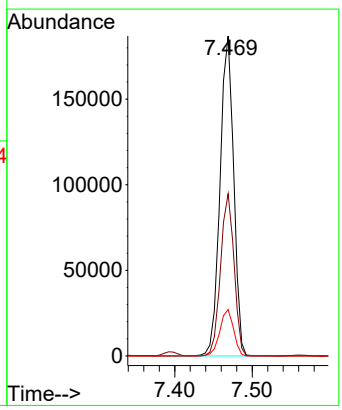


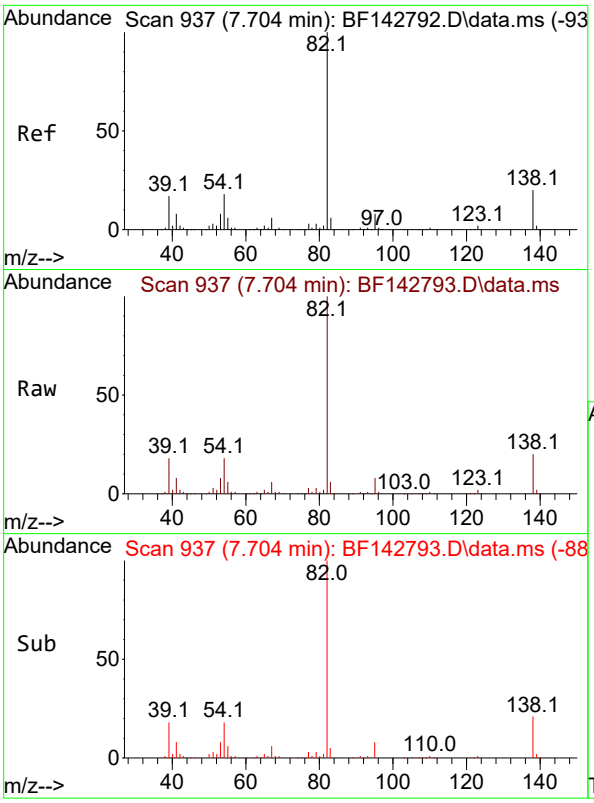


#24
Nitrobenzene
Concen: 53.773 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



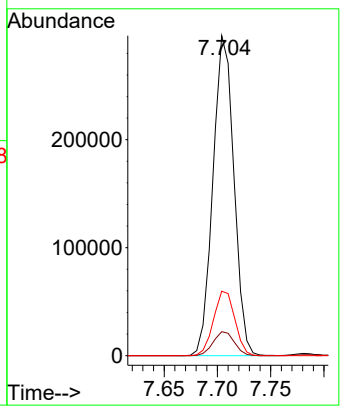


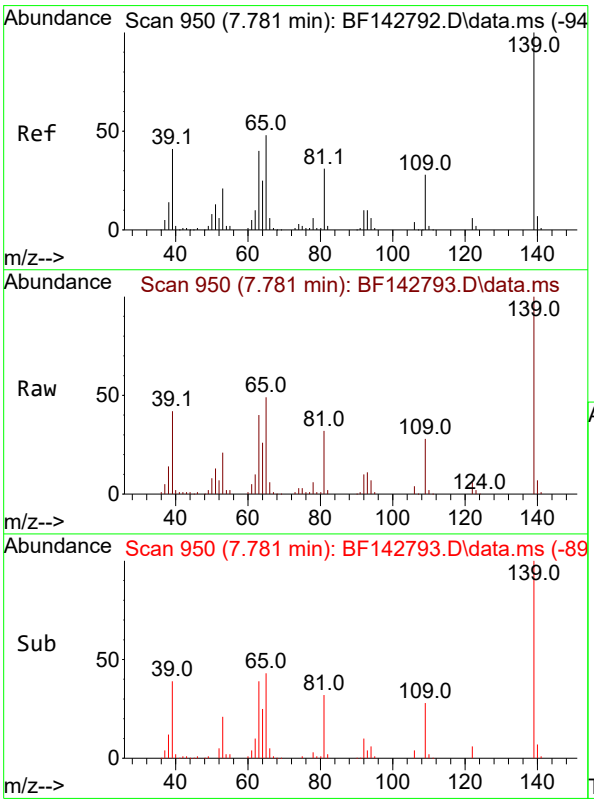
#25
Isophorone
Concen: 50.334 ng
RT: 7.704 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

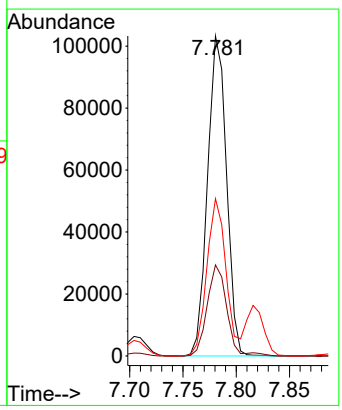


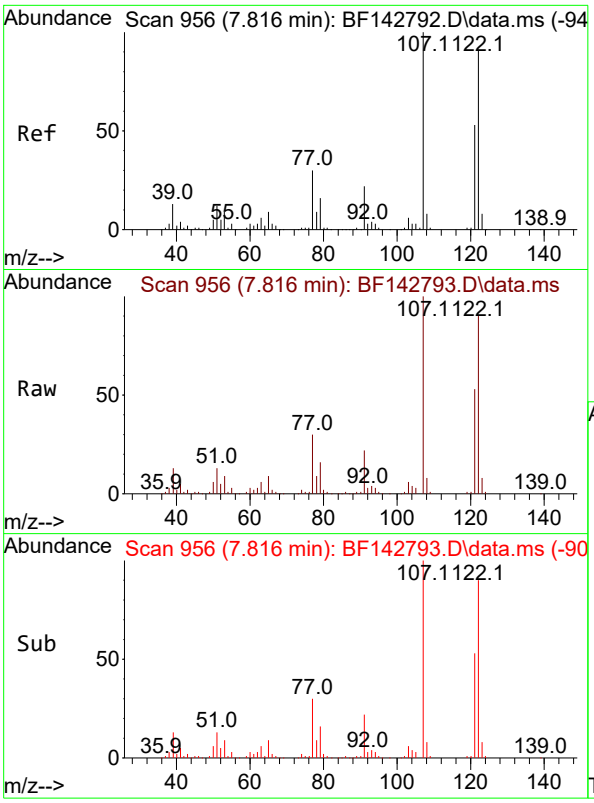


#26
2-Nitrophenol
Concen: 53.795 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



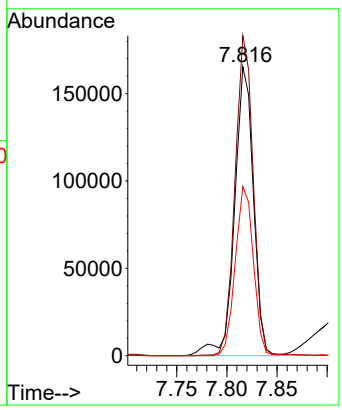


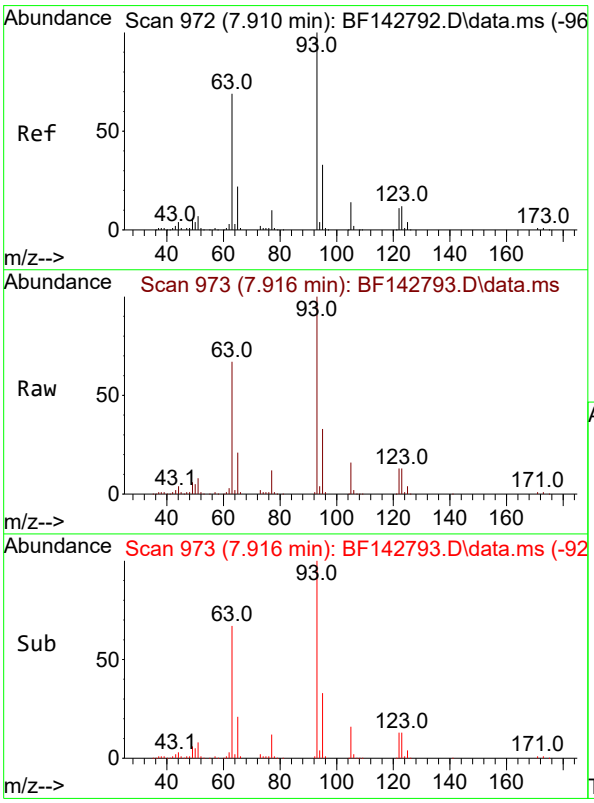
#27
2,4-Dimethylphenol
Concen: 53.466 ng
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

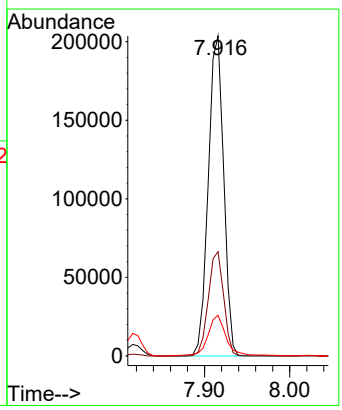


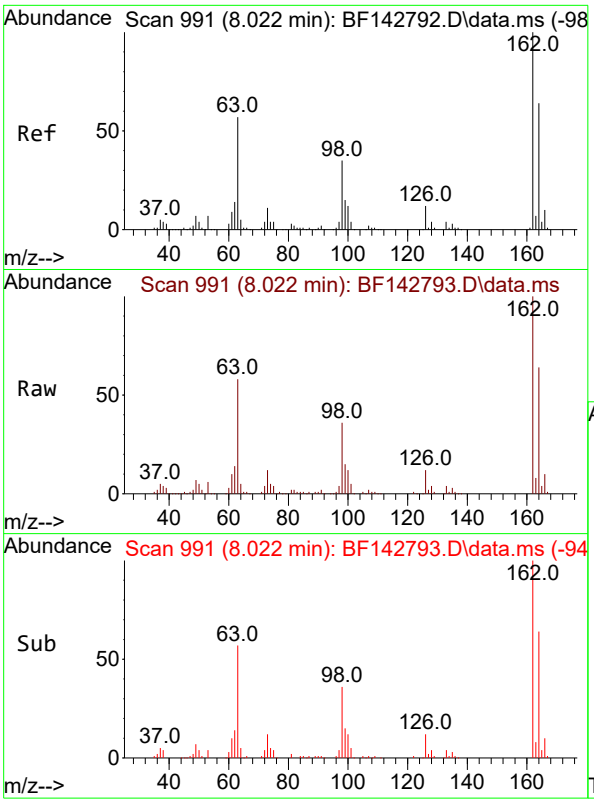


#28
bis(2-Chloroethoxy)methane
Concen: 51.148 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



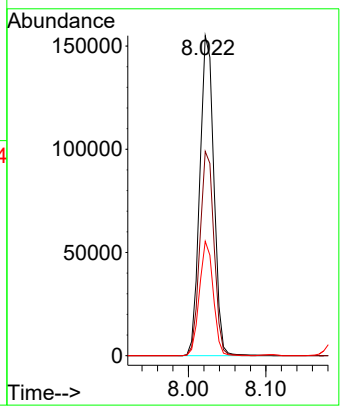


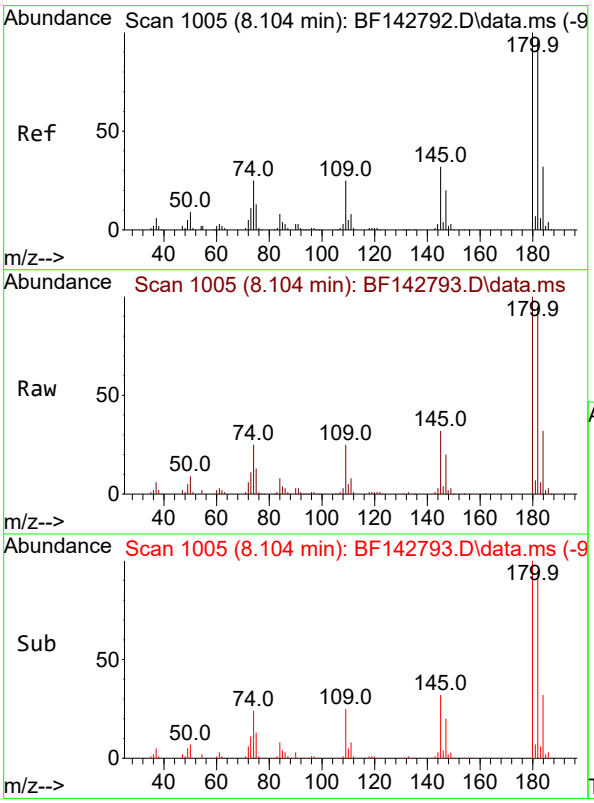
#29
2,4-Dichlorophenol
Concen: 52.478 ng
RT: 8.022 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

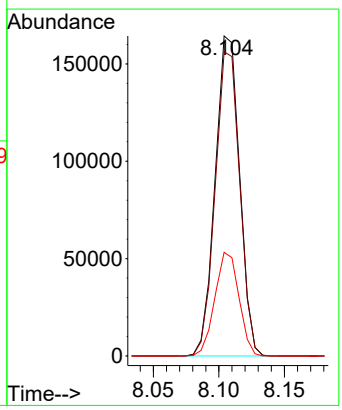


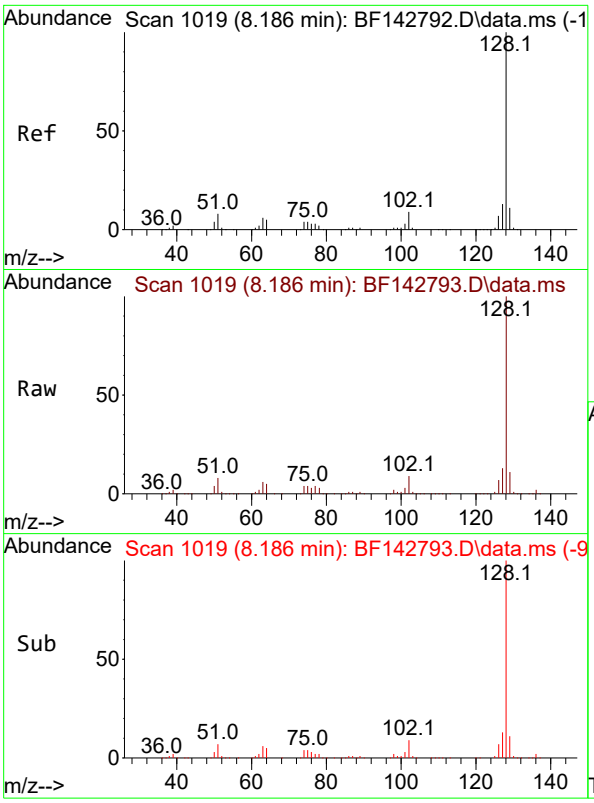


#30
1,2,4-Trichlorobenzene
Concen: 51.763 ng
RT: 8.104 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



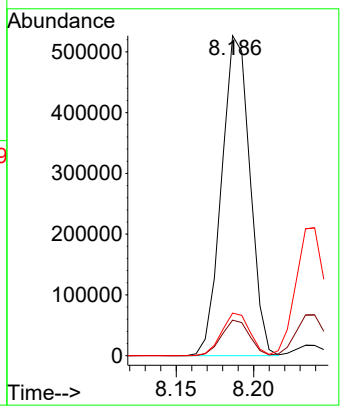


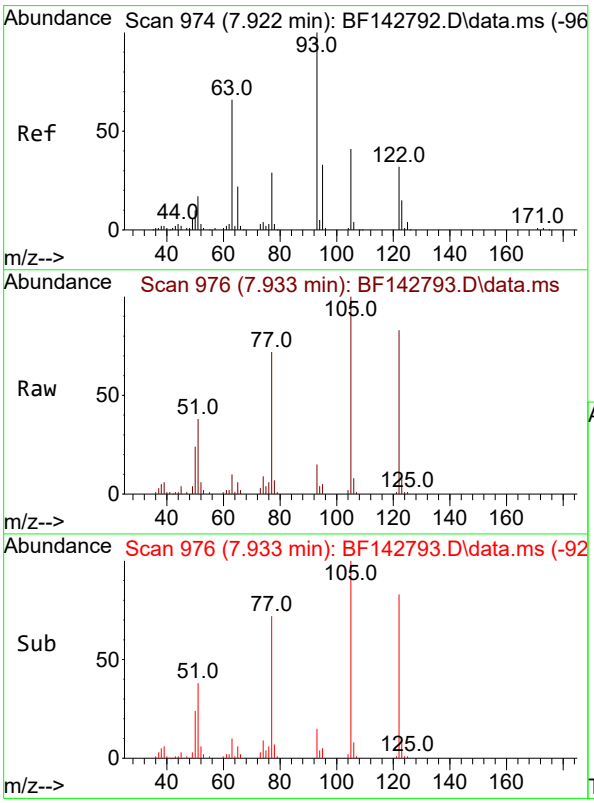
#31
Naphthalene
Concen: 51.717 ng
RT: 8.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

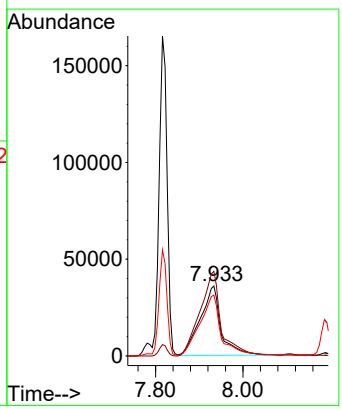


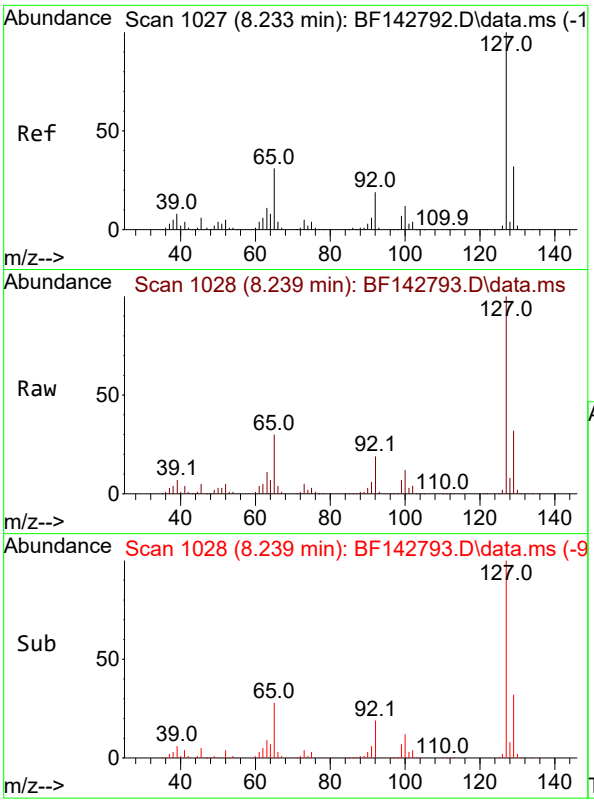


#32
Benzoic acid
Concen: 53.128 ng
RT: 7.933 min Scan# 976
Delta R.T. 0.012 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



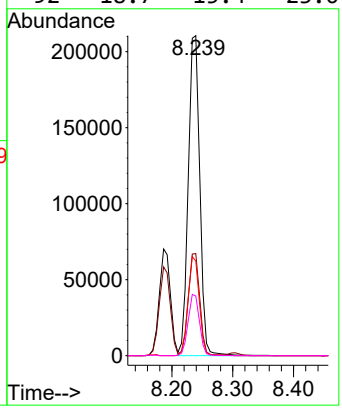


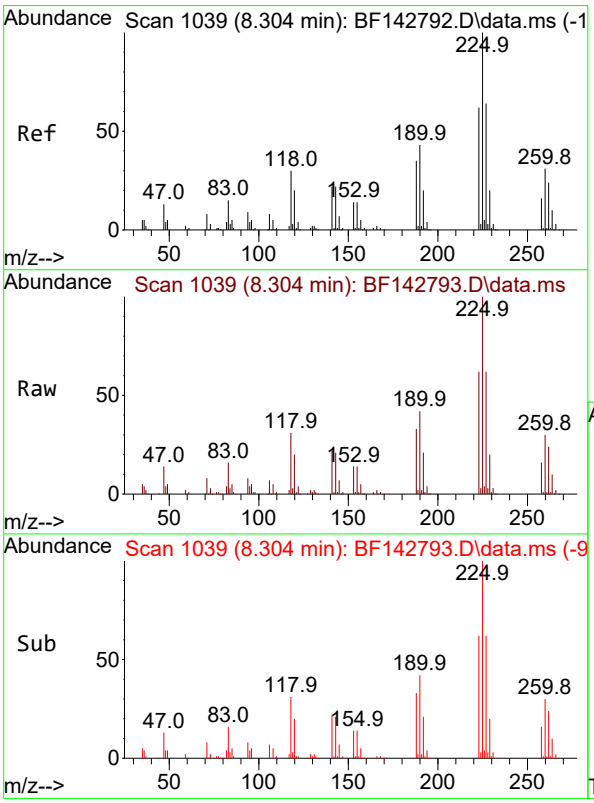
#33
4-Chloroaniline
Concen: 53.347 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

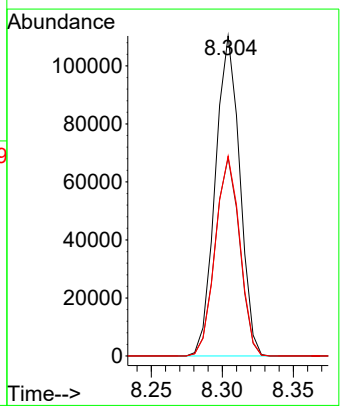


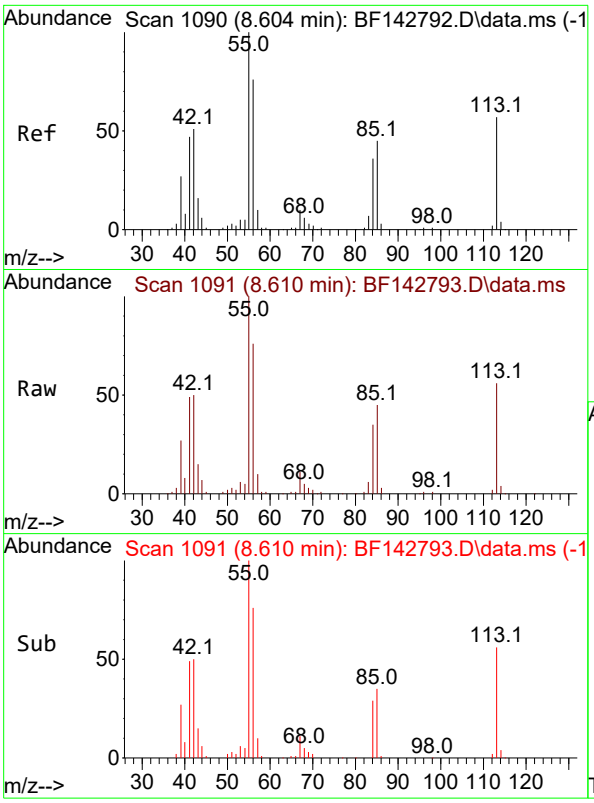


#34
Hexachlorobutadiene
Concen: 50.481 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



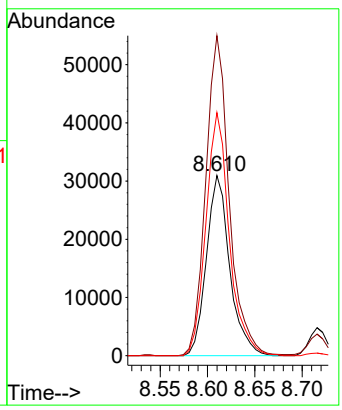


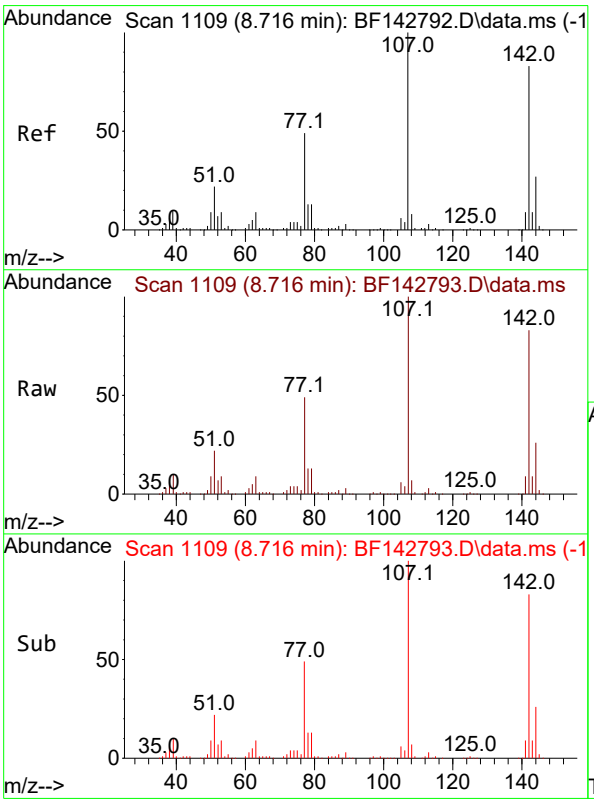
#35
Caprolactam
Concen: 52.873 ng
RT: 8.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

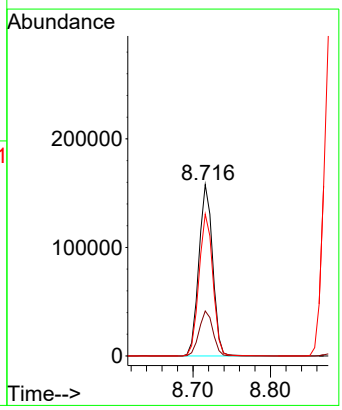


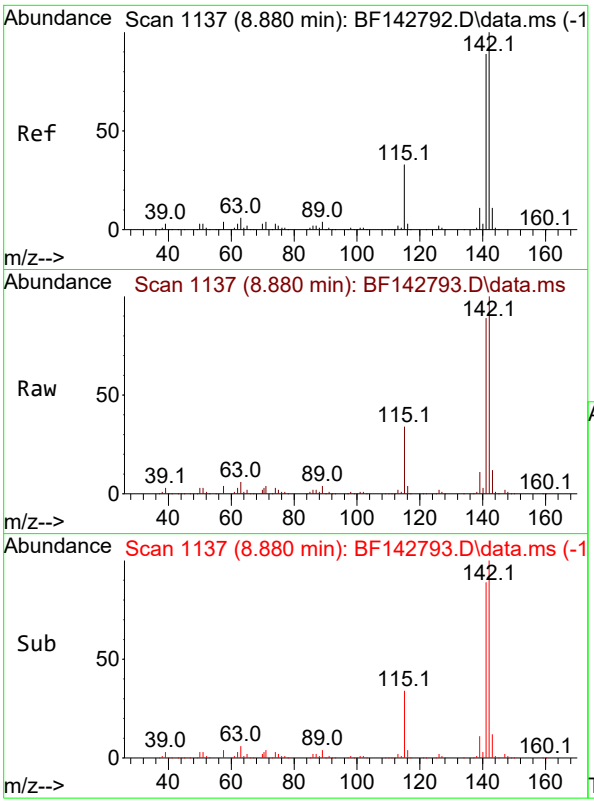


#36
4-Chloro-3-methylphenol
Concen: 50.843 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



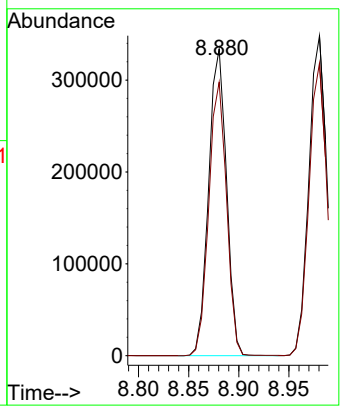


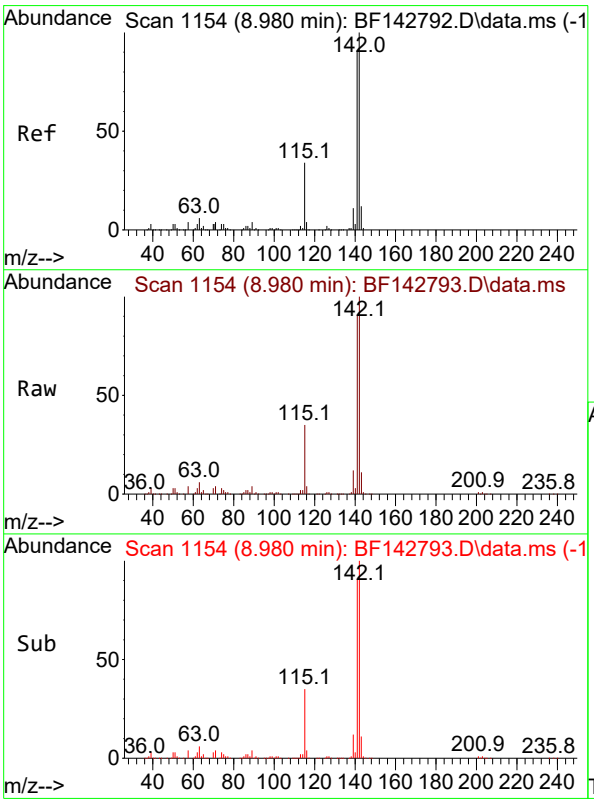
#37
2-Methylnaphthalene
Concen: 50.859 ng
RT: 8.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 414854

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3

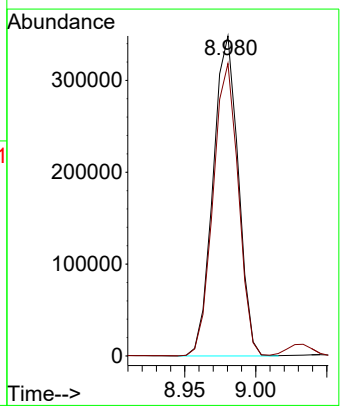


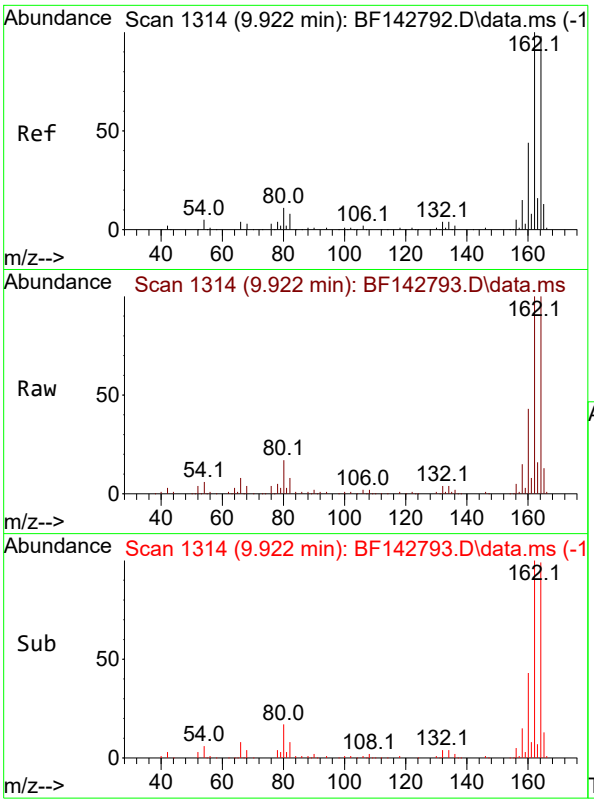


#38
1-Methylnaphthalene
Concen: 50.792 ng
RT: 8.980 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

Tgt Ion:142 Resp: 430144

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4



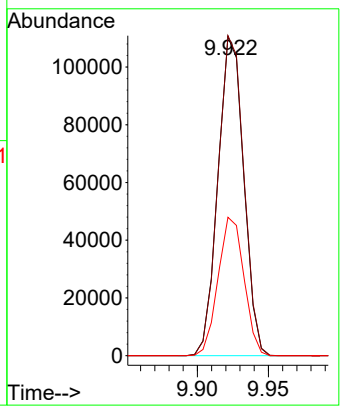


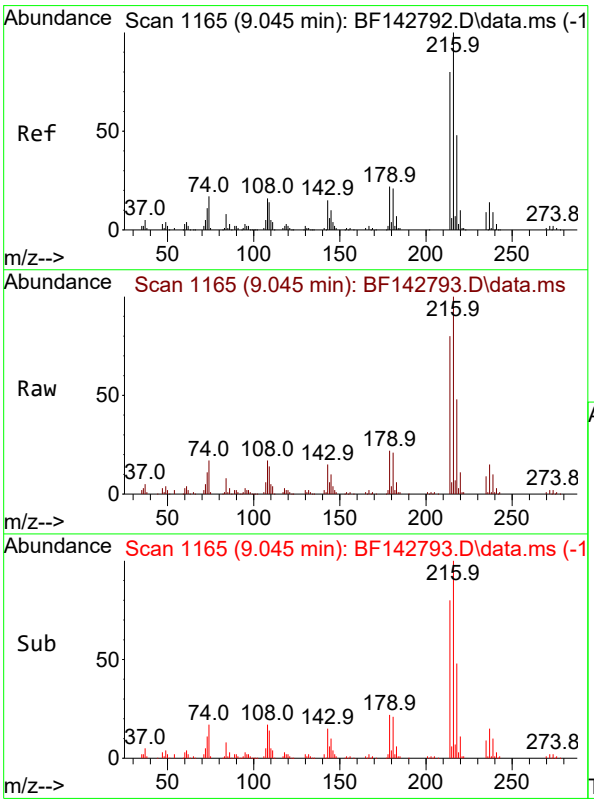
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

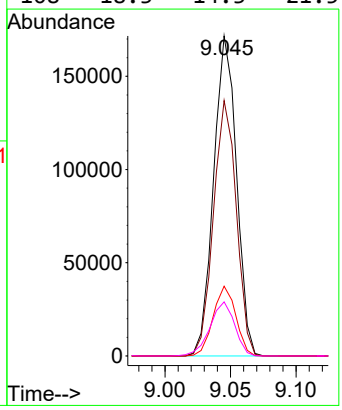


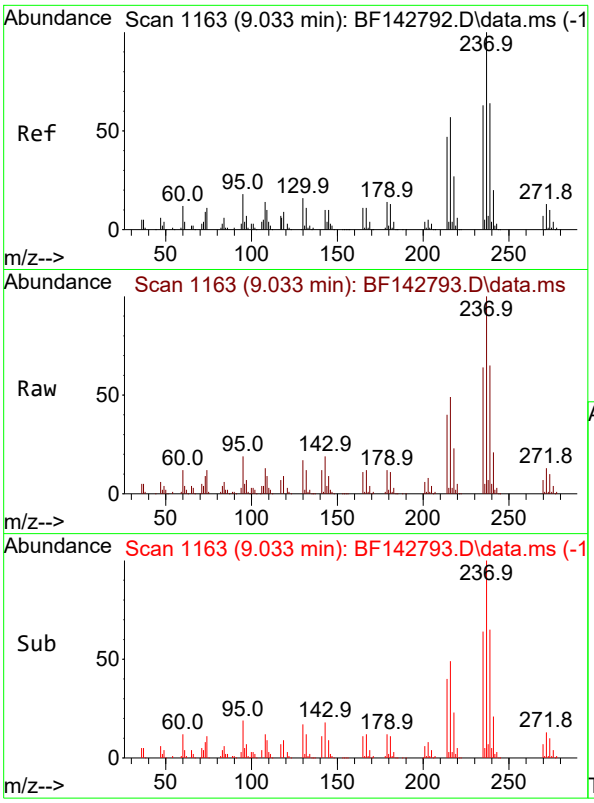


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.779 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



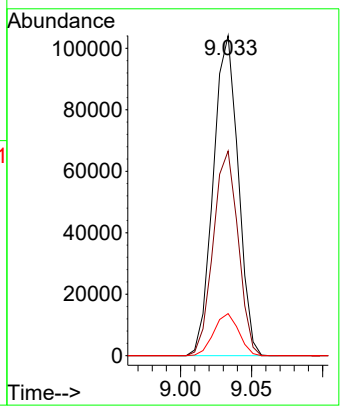


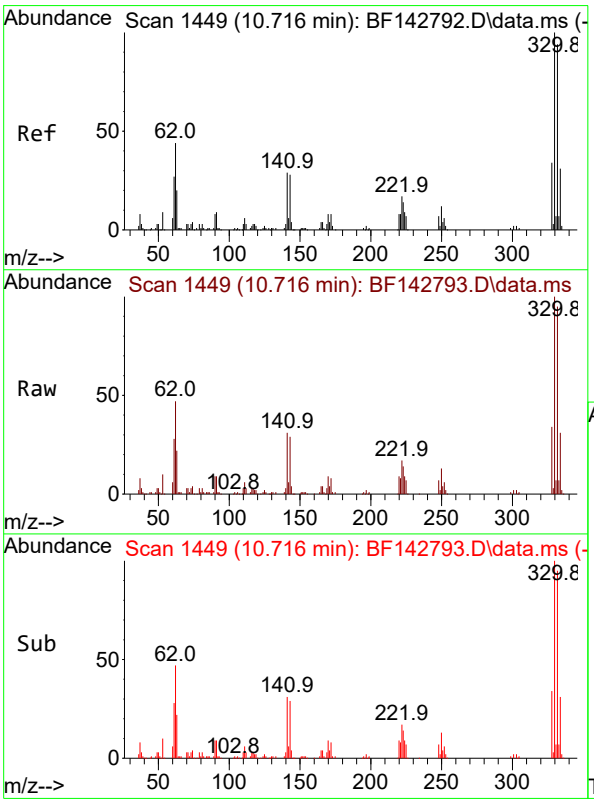
#41
Hexachlorocyclopentadiene
Concen: 50.012 ng
RT: 9.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

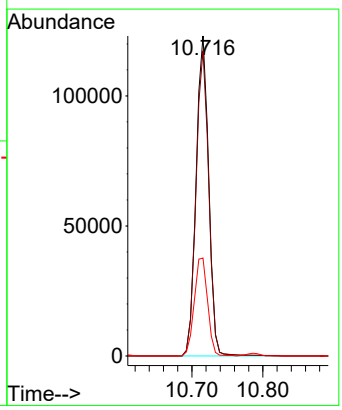


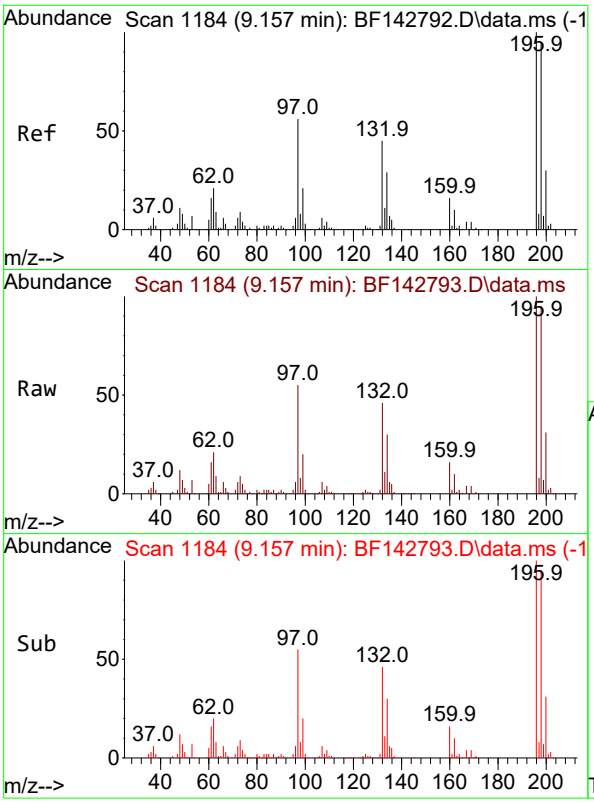


#42
2,4,6-Tribromophenol
Concen: 100.743 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



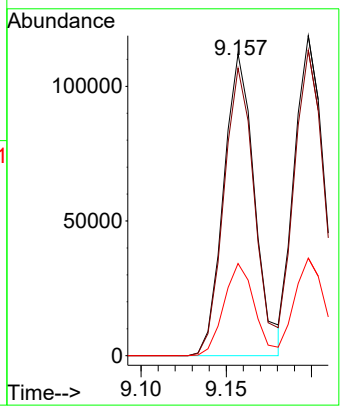


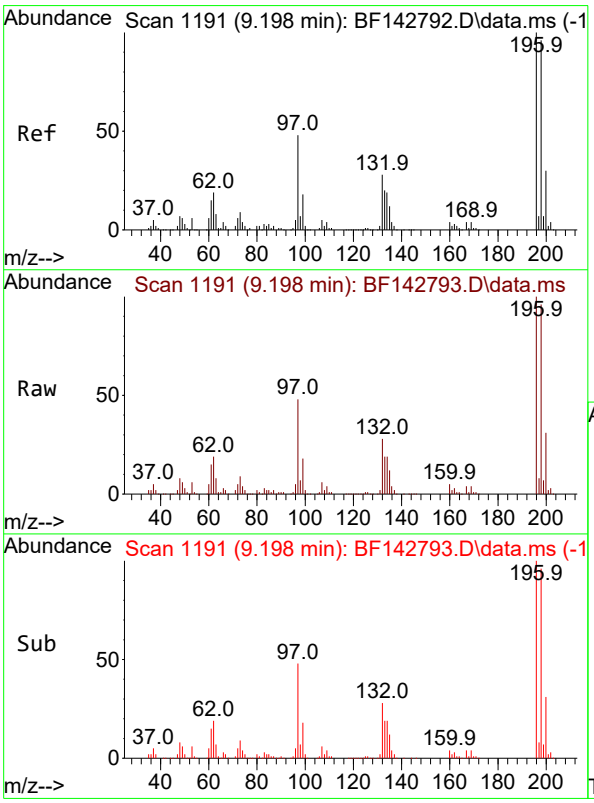
#43
2,4,6-Trichlorophenol
Concen: 54.597 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

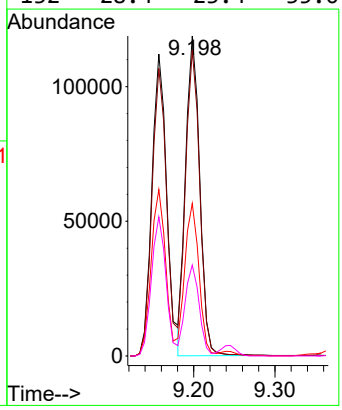


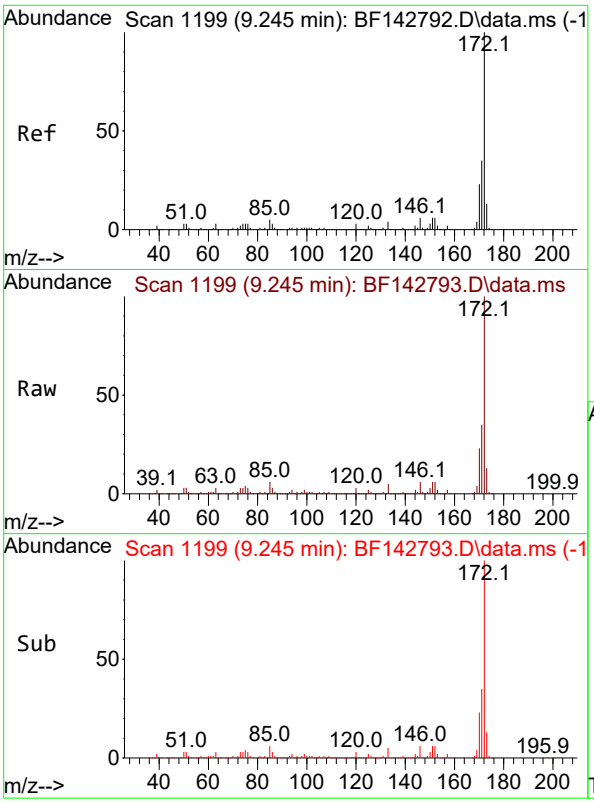


#44
2,4,5-Trichlorophenol
Concen: 51.550 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



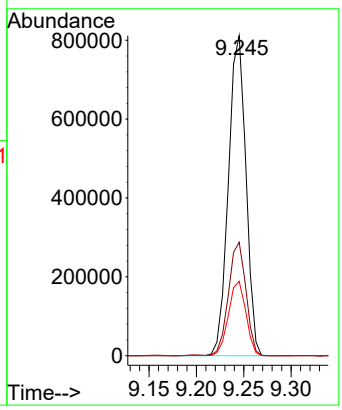


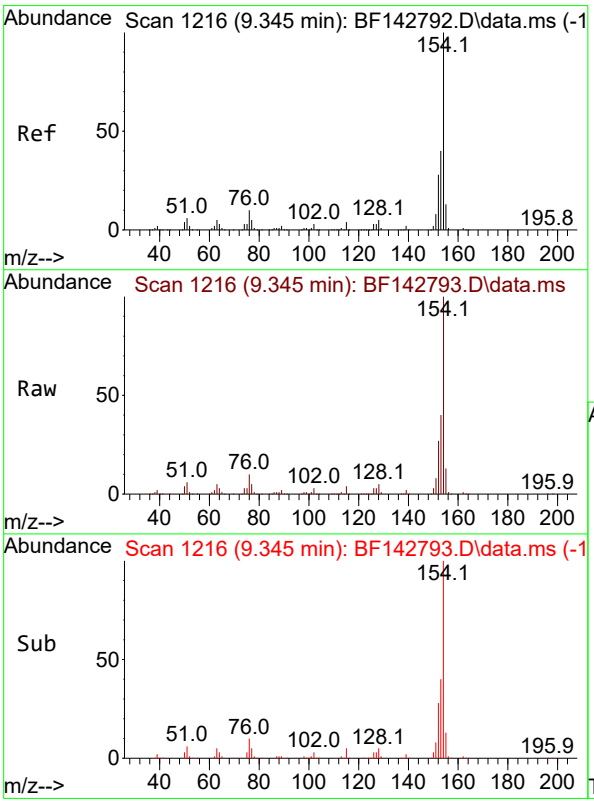
#45
2-Fluorobiphenyl
Concen: 99.755 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

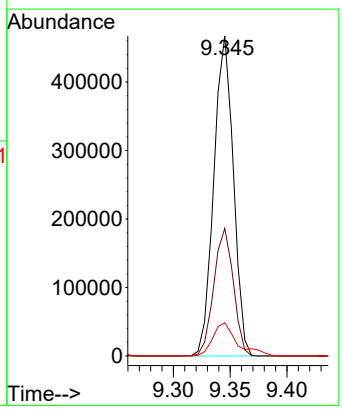


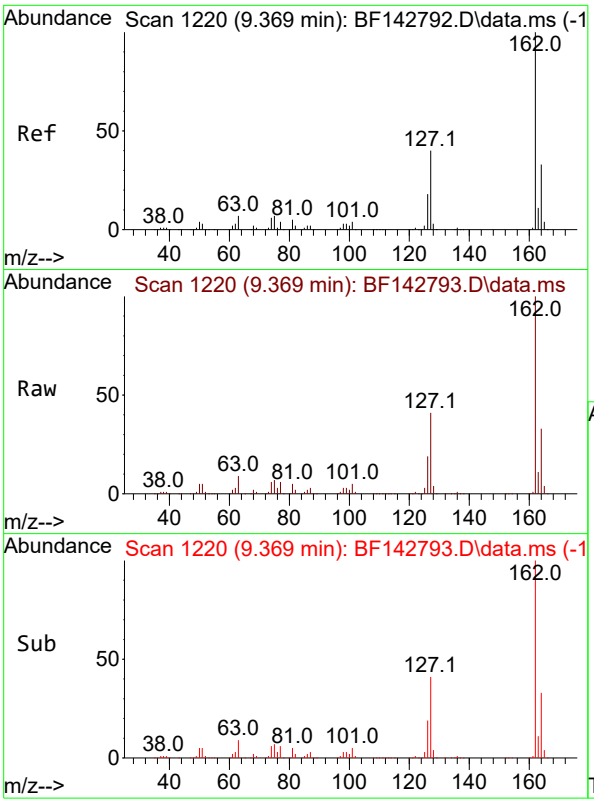


#46
1,1'-Biphenyl
Concen: 51.807 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



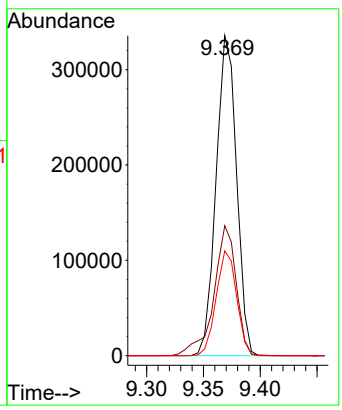


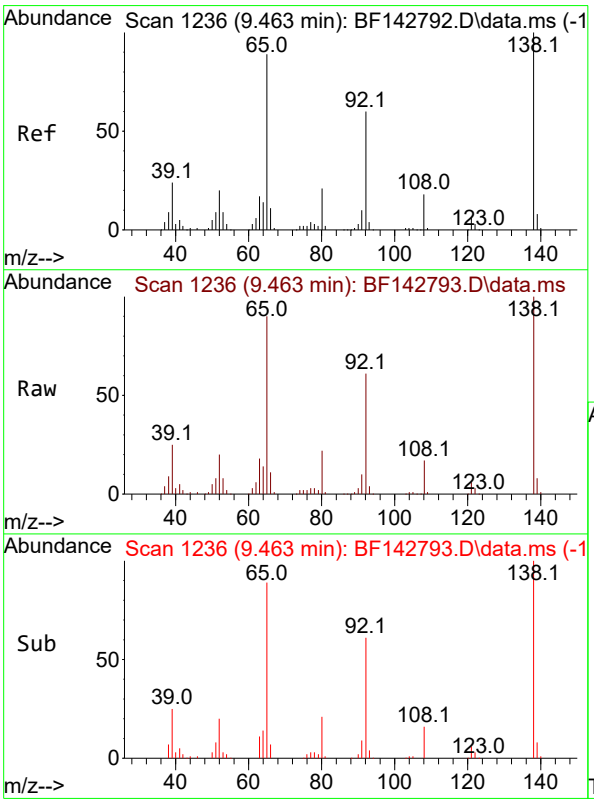
#47
2-Chloronaphthalene
Concen: 52.754 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

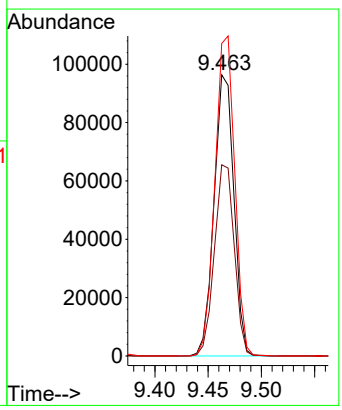


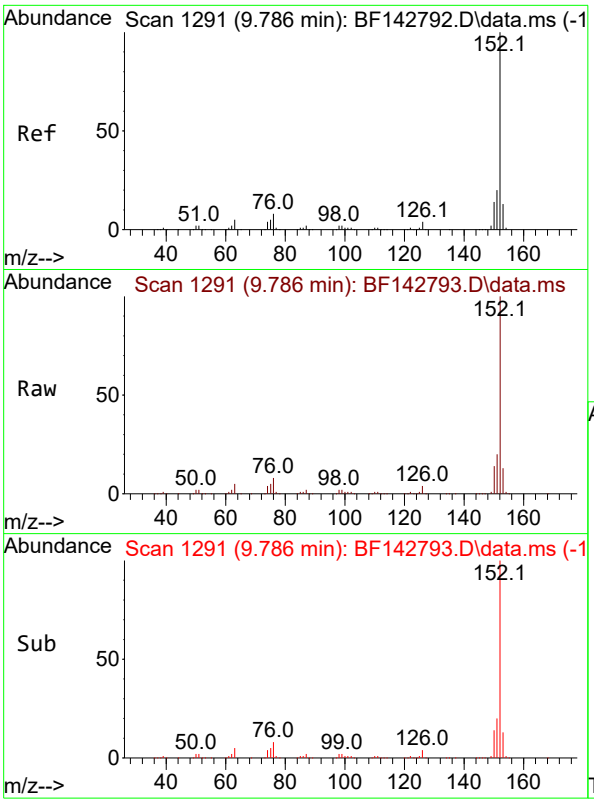


#48
2-Nitroaniline
Concen: 54.955 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



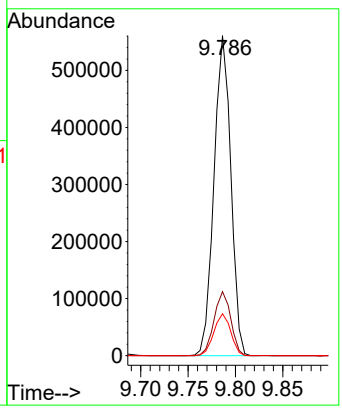


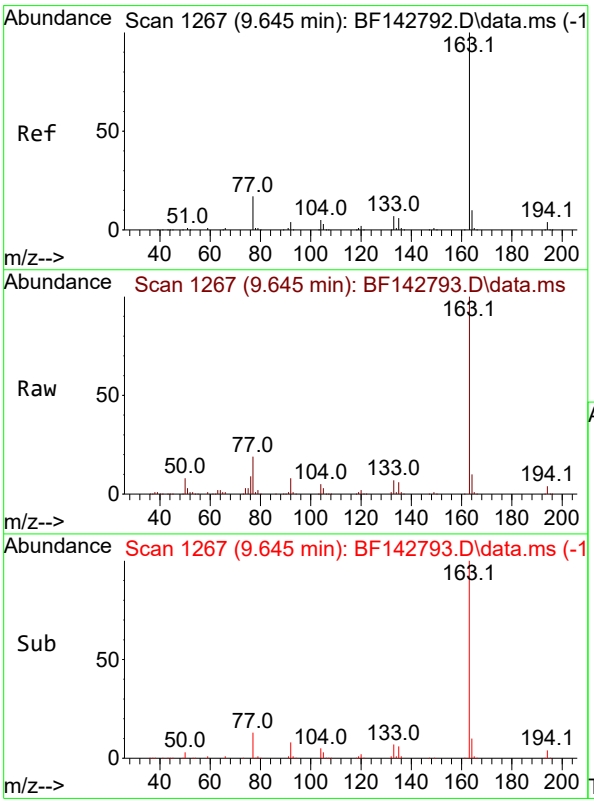
#49
Acenaphthylene
Concen: 51.783 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

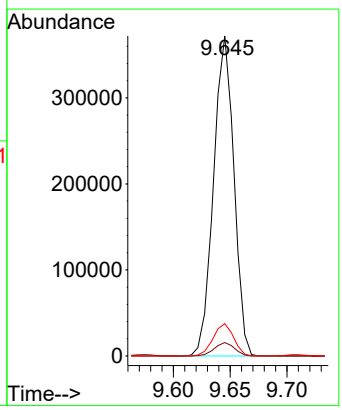


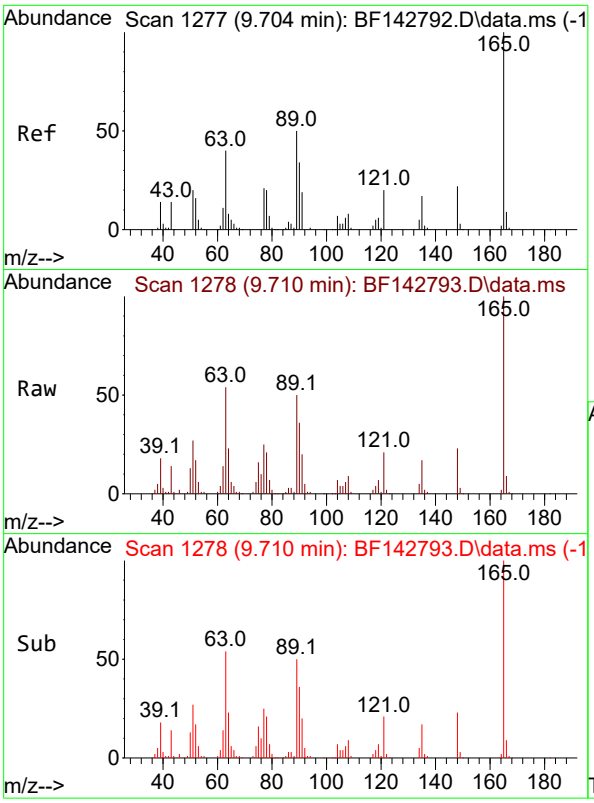


#50
Dimethylphthalate
Concen: 50.308 ng
RT: 9.645 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



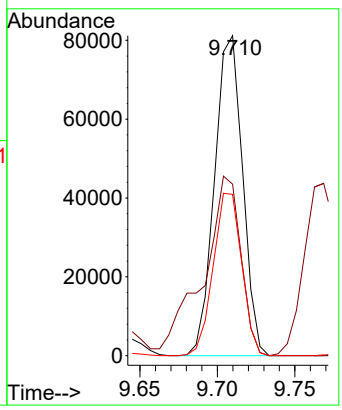


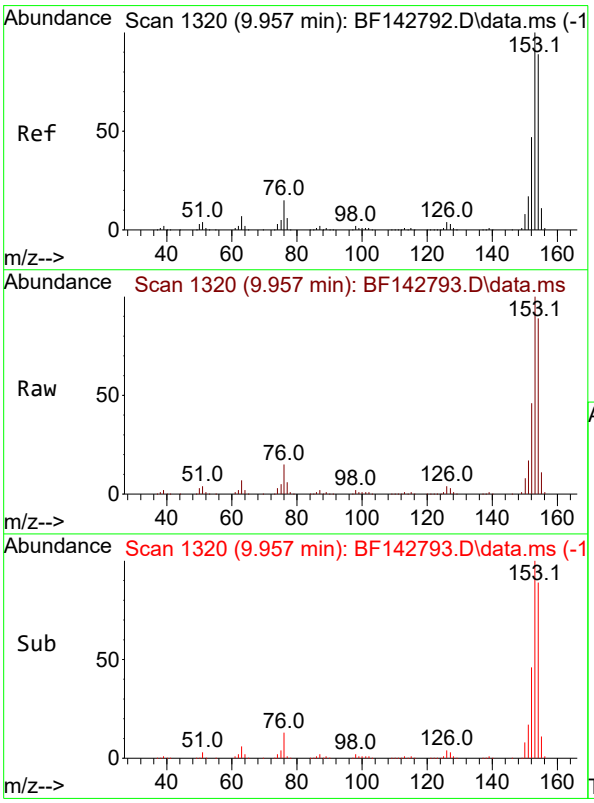
#51
2,6-Dinitrotoluene
Concen: 51.156 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

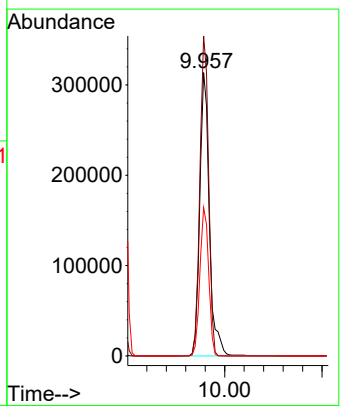


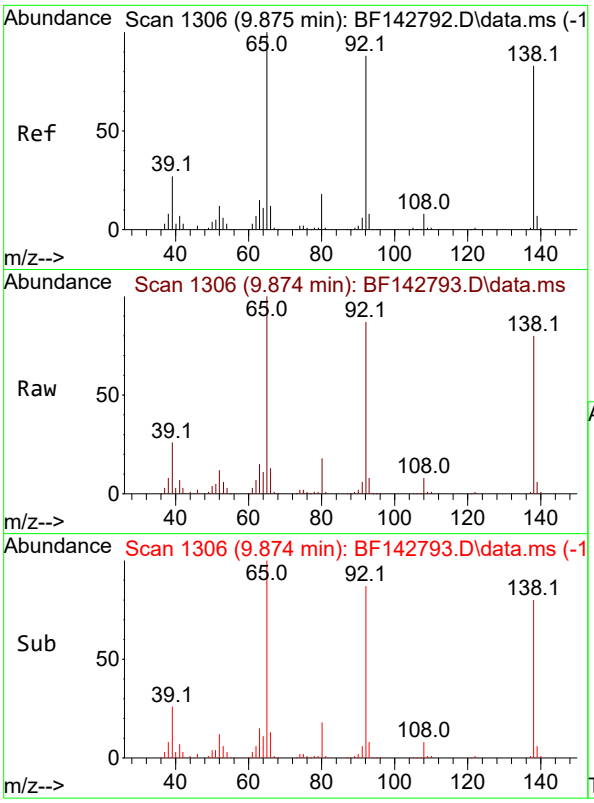


#52
Acenaphthene
Concen: 51.498 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



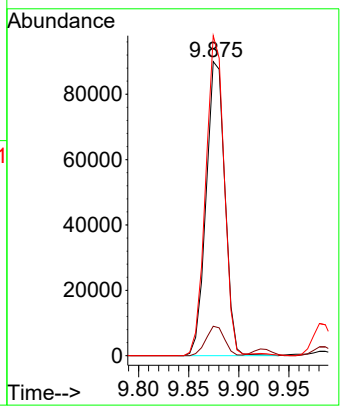


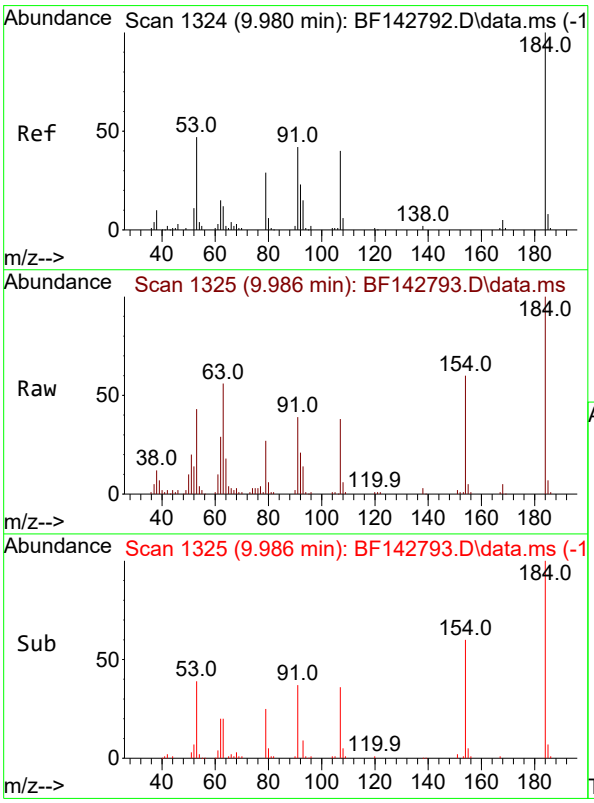
#53
3-Nitroaniline
Concen: 54.038 ng
RT: 9.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

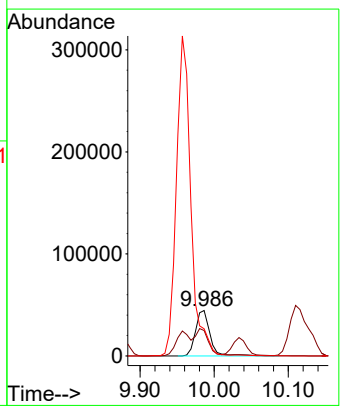


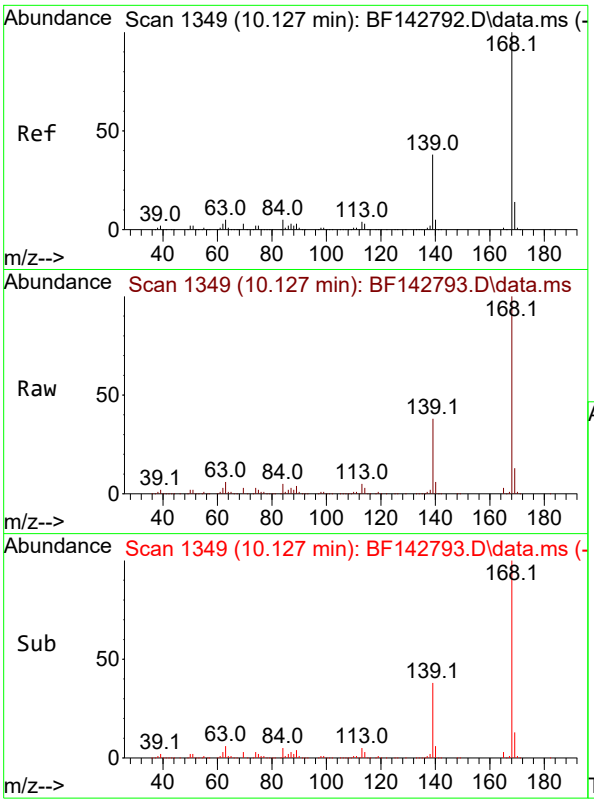


#54
2,4-Dinitrophenol
Concen: 55.696 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



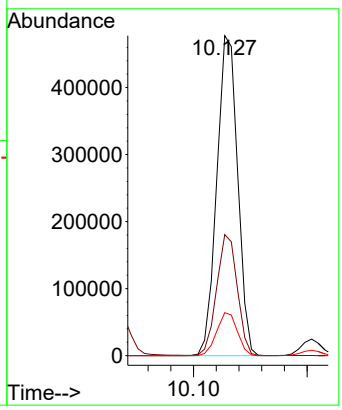


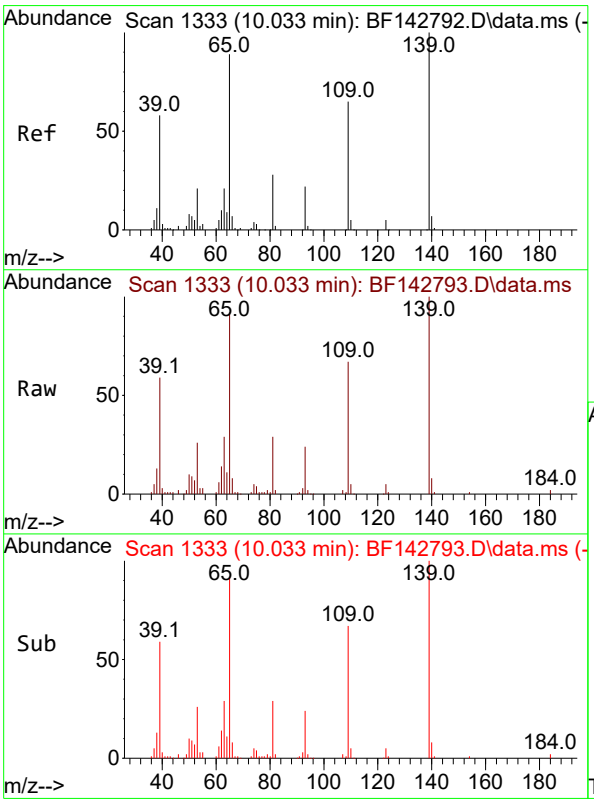
#55
Dibenzofuran
Concen: 51.506 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

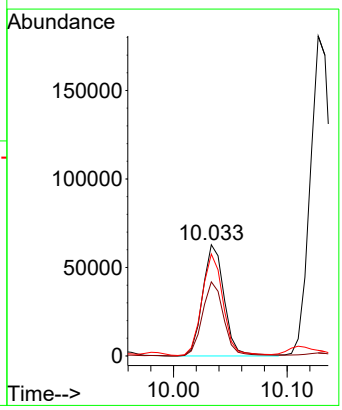


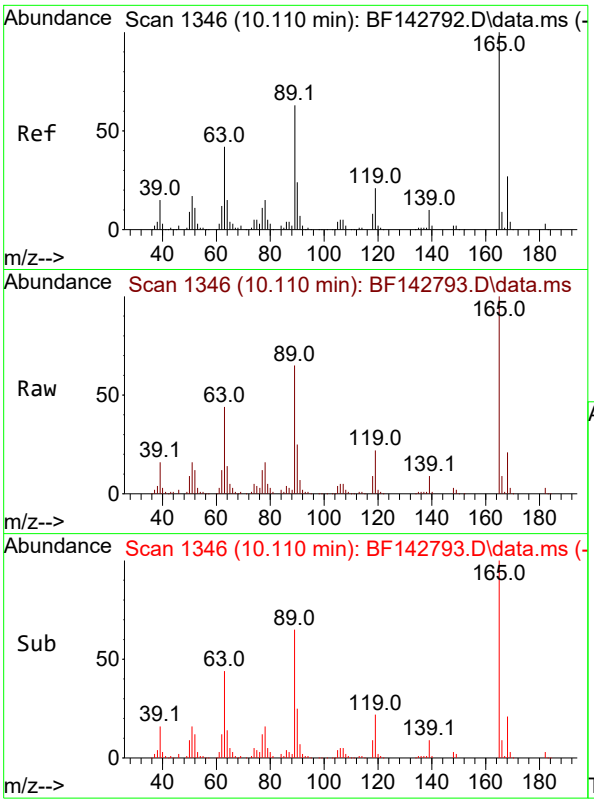


#56
4-Nitrophenol
Concen: 56.047 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



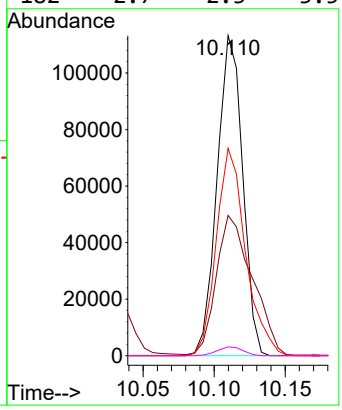


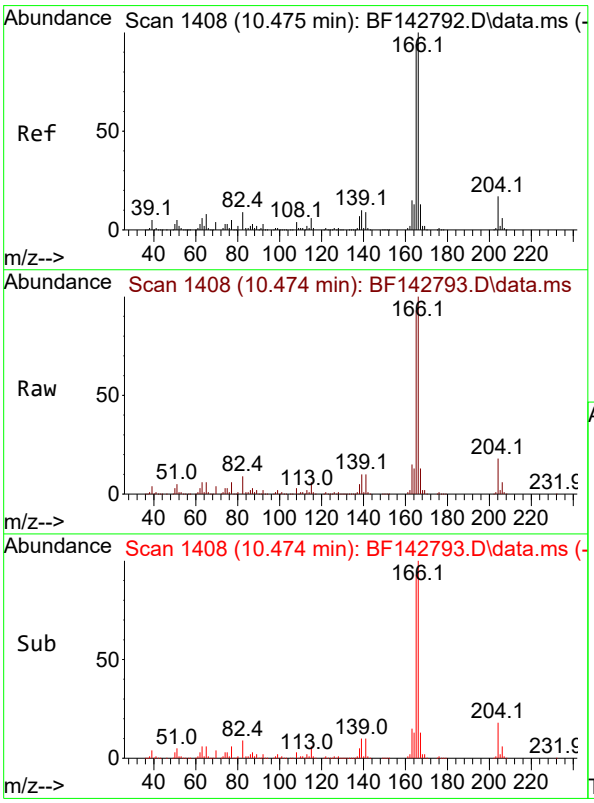
#57
2,4-Dinitrotoluene
Concen: 53.554 ng
RT: 10.110 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

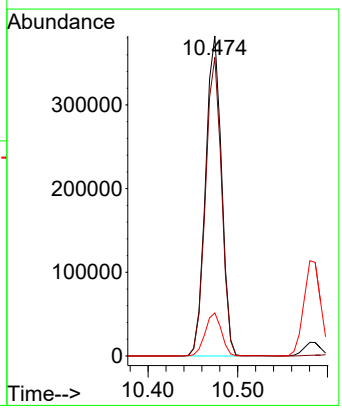


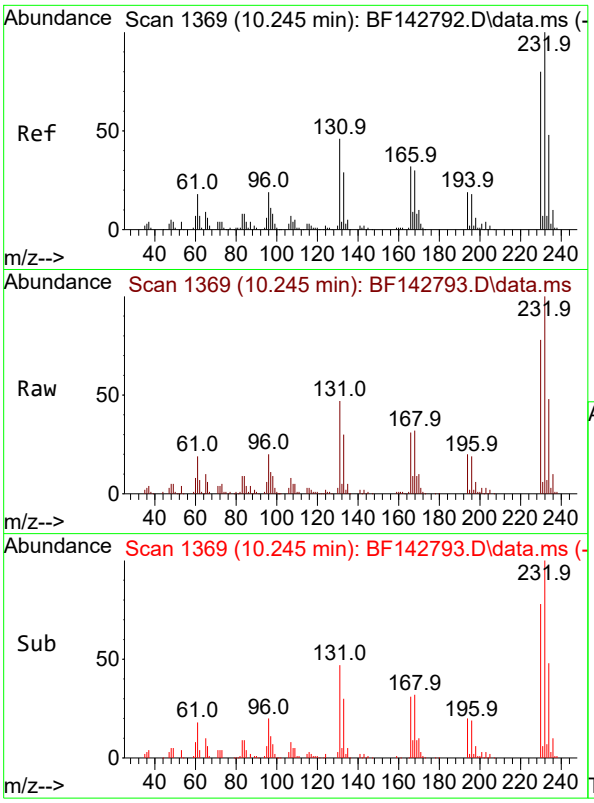


#58
Fluorene
Concen: 50.747 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



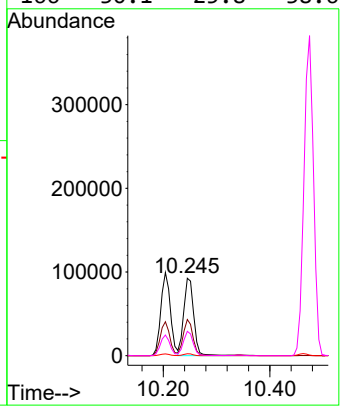


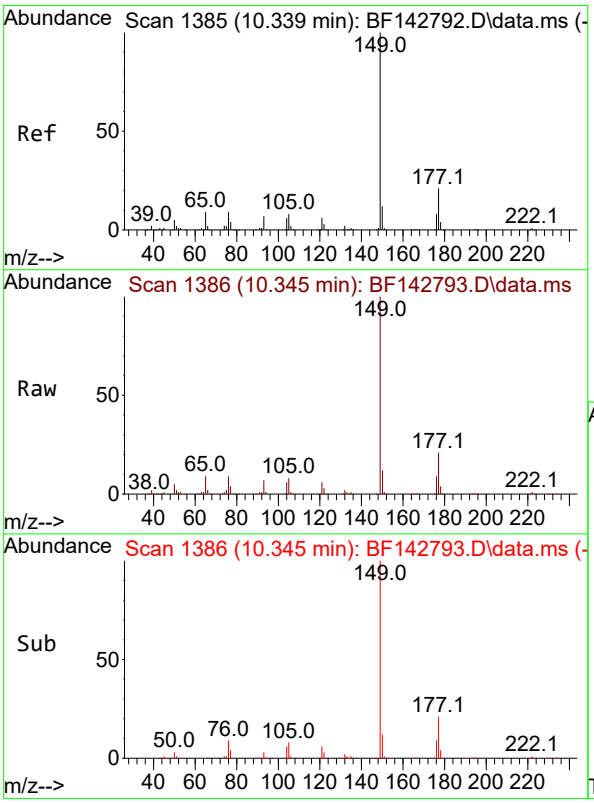
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.988 ng
RT: 10.245 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

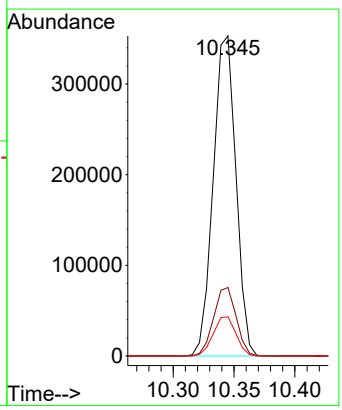


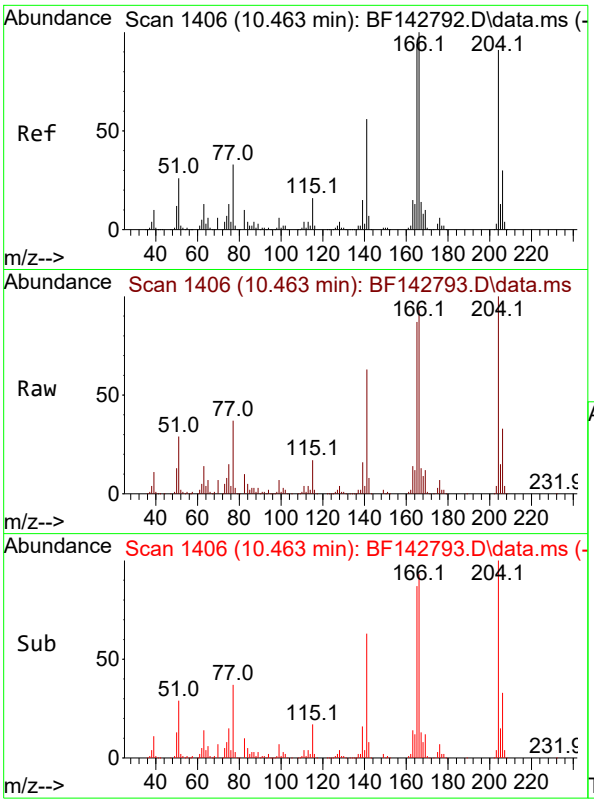


#60
Diethylphthalate
Concen: 50.010 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



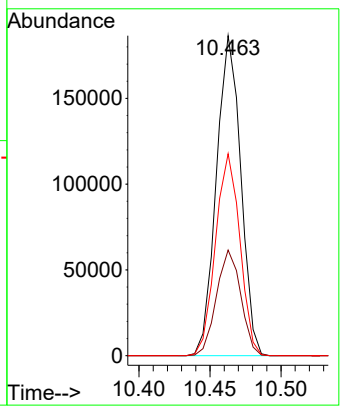


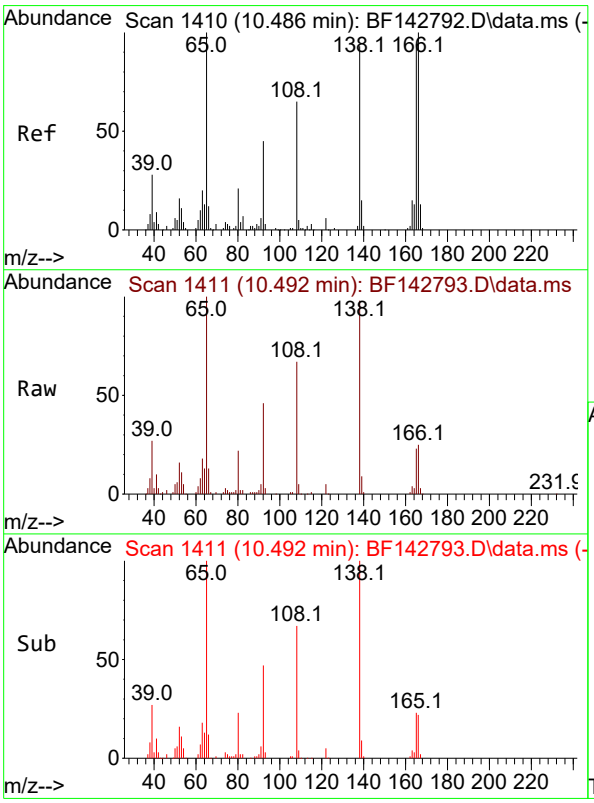
#61
4-Chlorophenyl-phenylether
Concen: 49.076 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

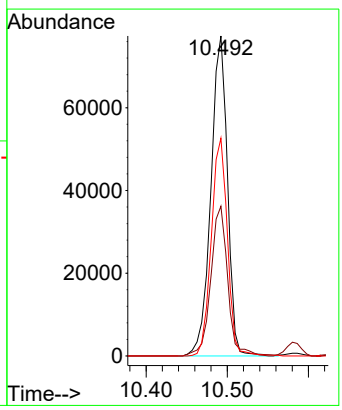


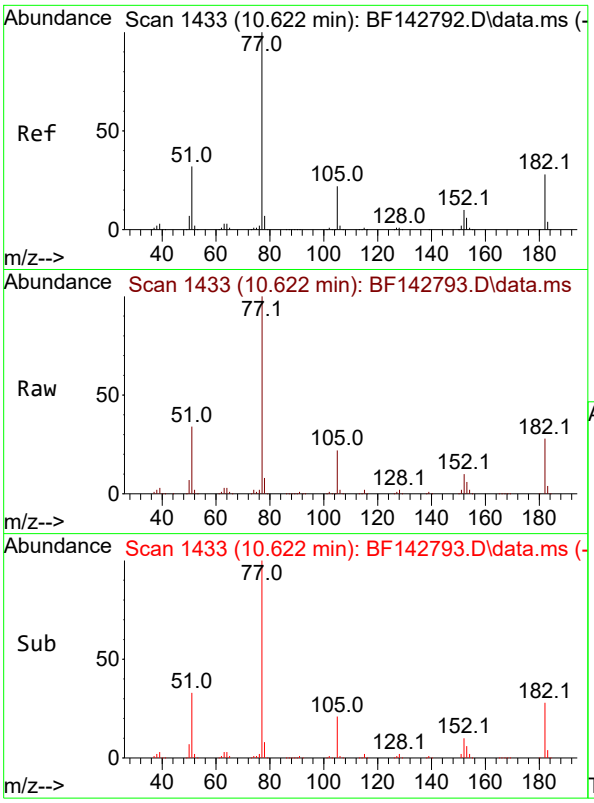


#62
4-Nitroaniline
Concen: 56.363 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



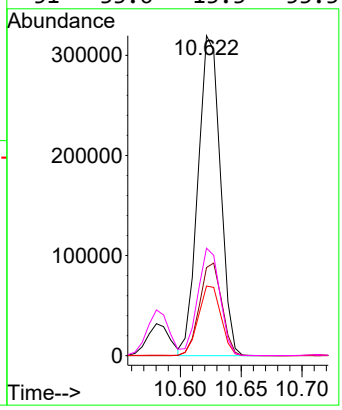


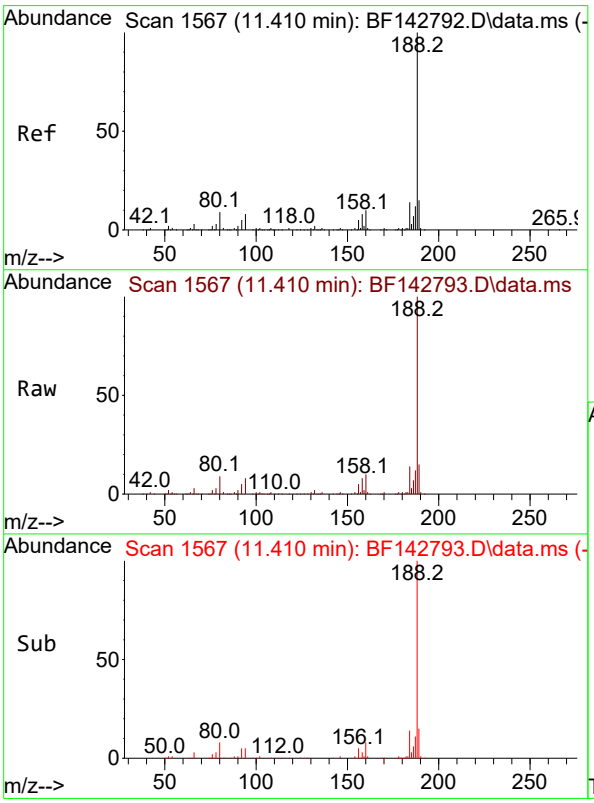
#63
Azobenzene
Concen: 51.063 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

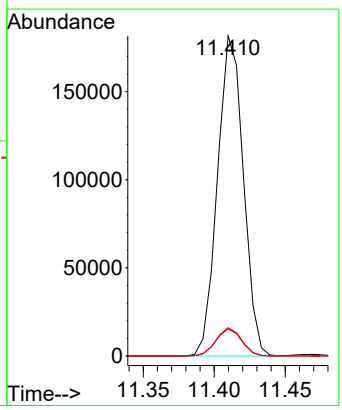


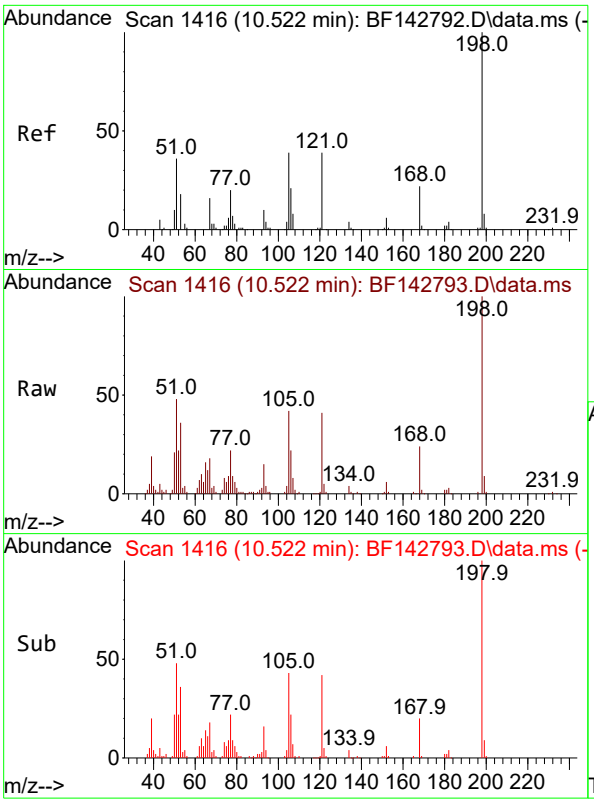


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



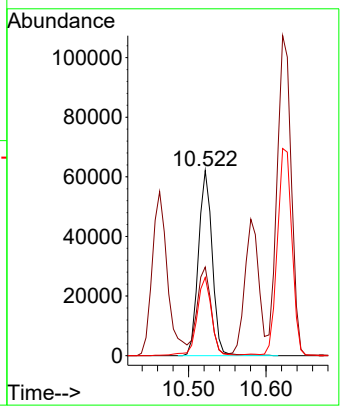


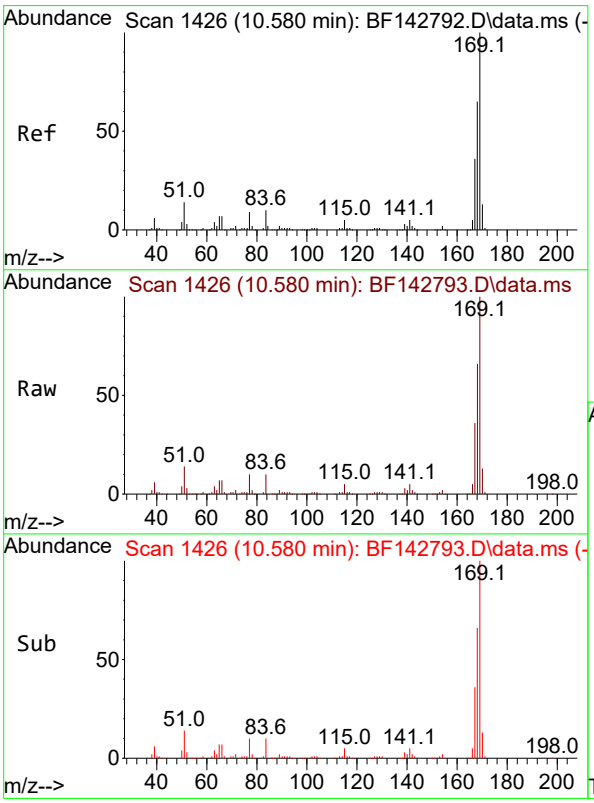
#65
4,6-Dinitro-2-methylphenol
Concen: 53.713 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

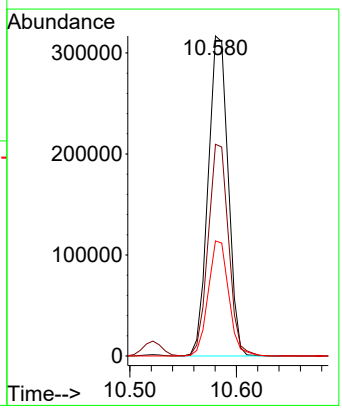


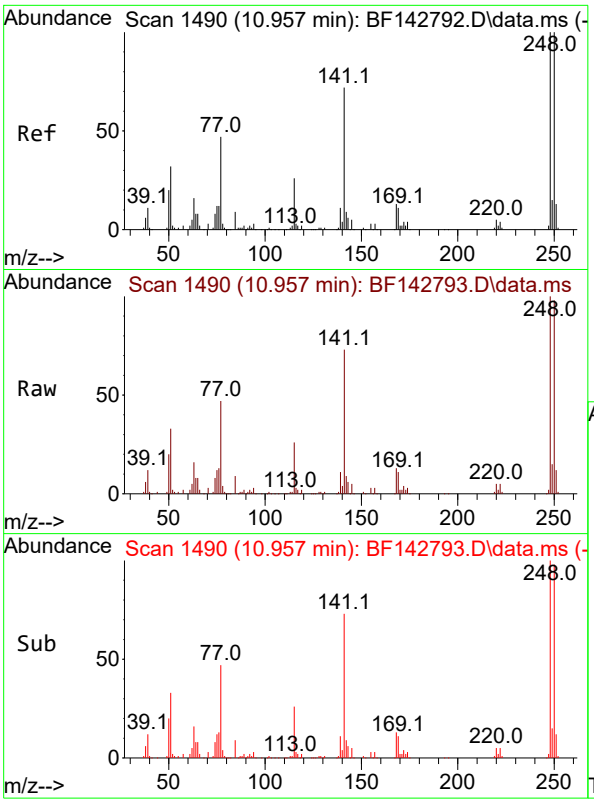


#66
n-Nitrosodiphenylamine
Concen: 52.171 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



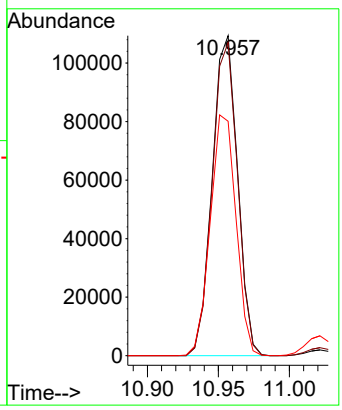


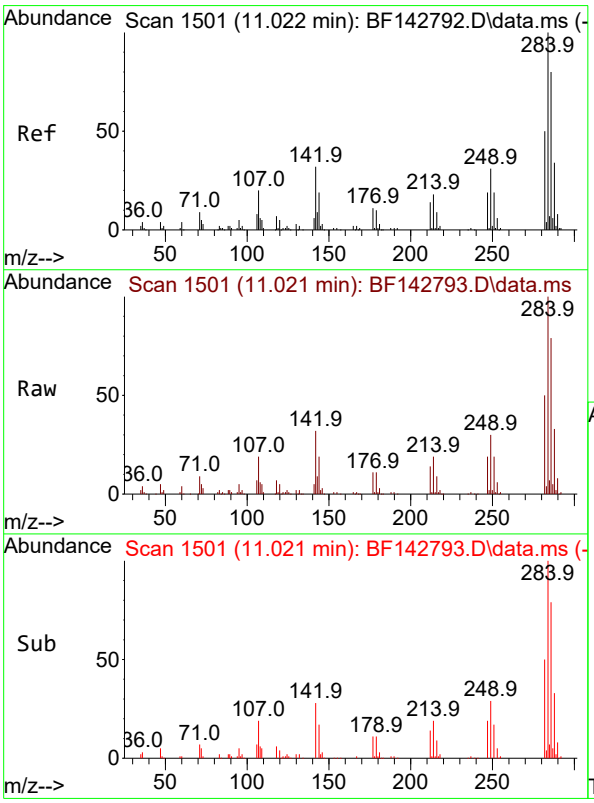
#67
4-Bromophenyl-phenylether
Concen: 50.425 ng
RT: 10.957 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

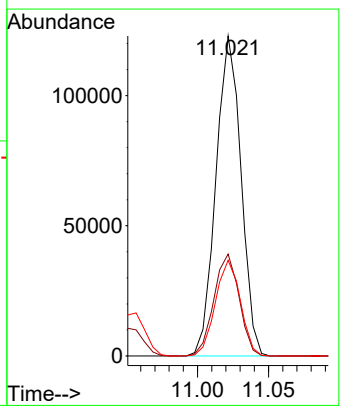


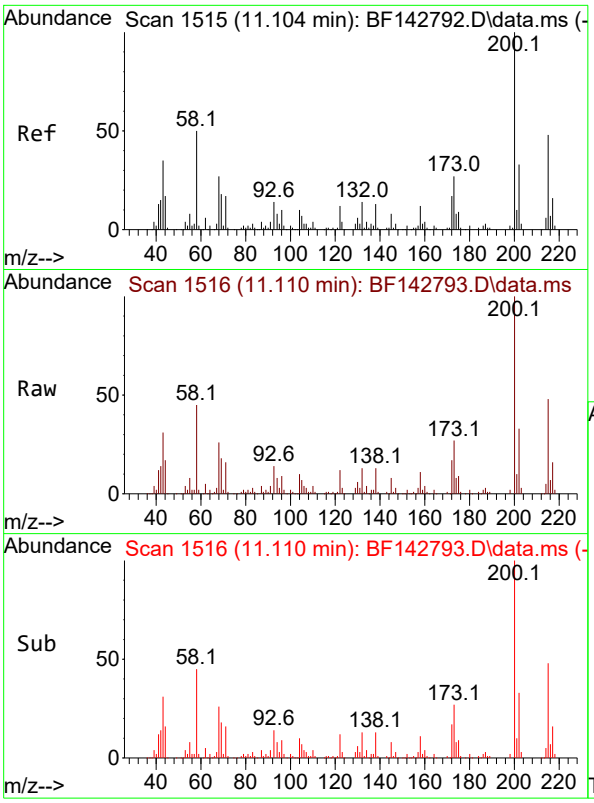


#68
Hexachlorobenzene
Concen: 50.432 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



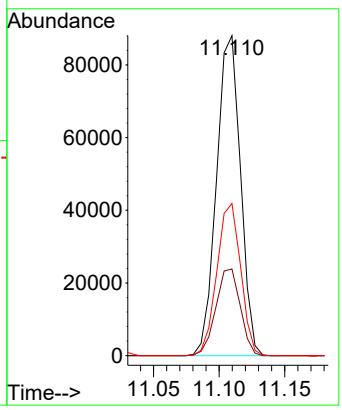


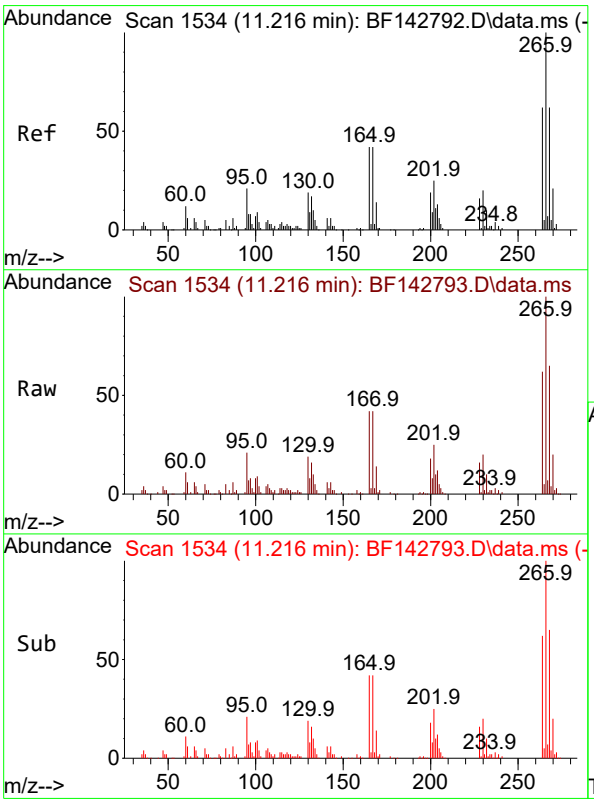
#69
Atrazine
Concen: 53.385 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

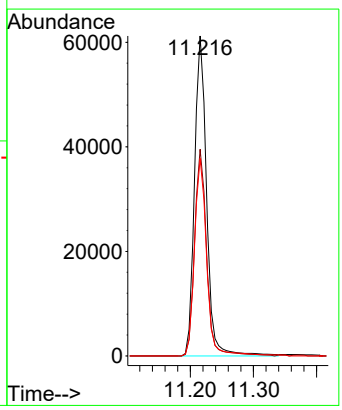


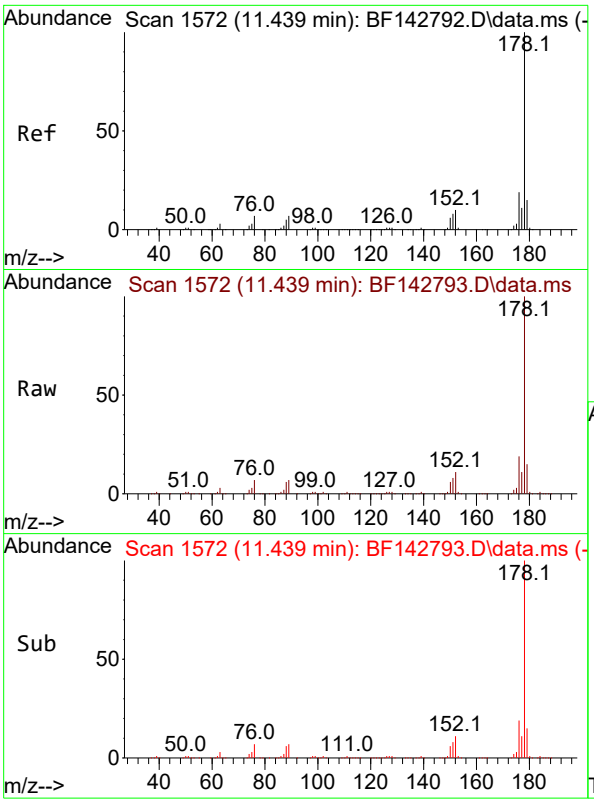


#70
Pentachlorophenol
Concen: 52.574 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



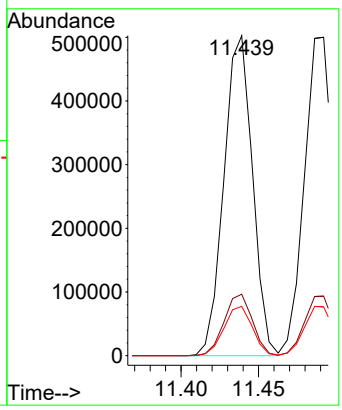


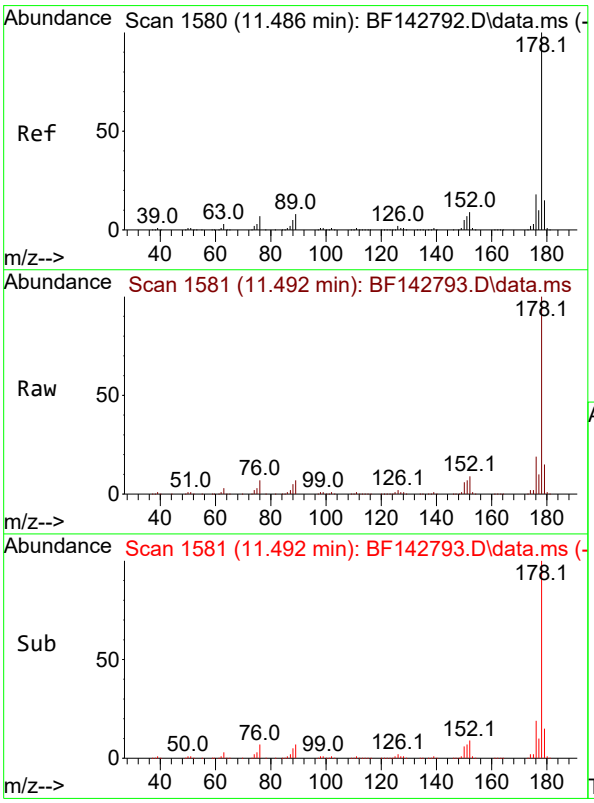
#71
Phenanthrene
Concen: 52.403 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

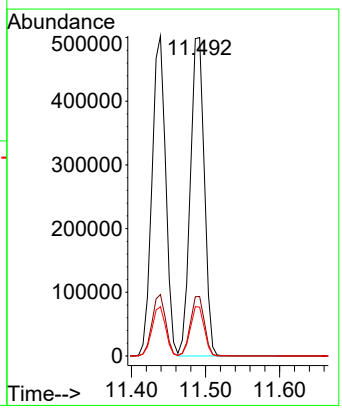


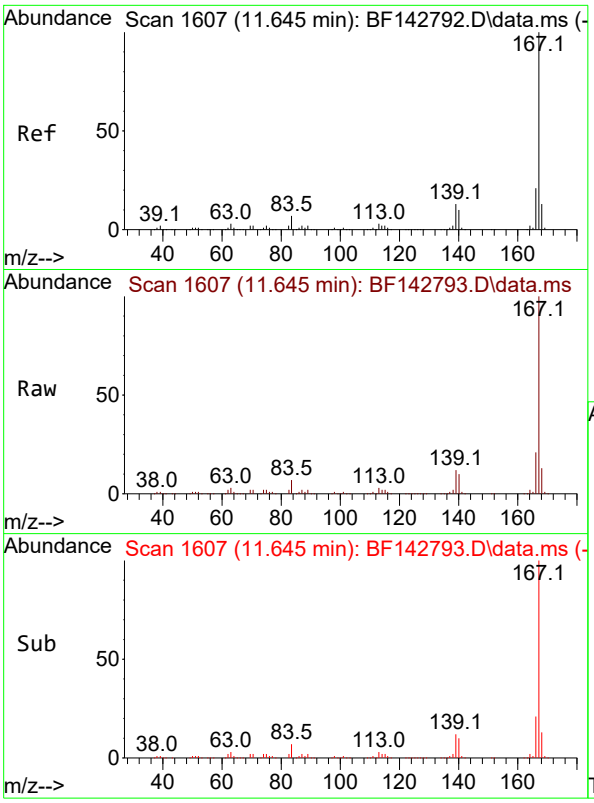


#72
Anthracene
Concen: 51.433 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



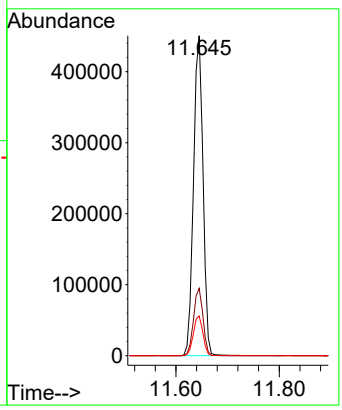


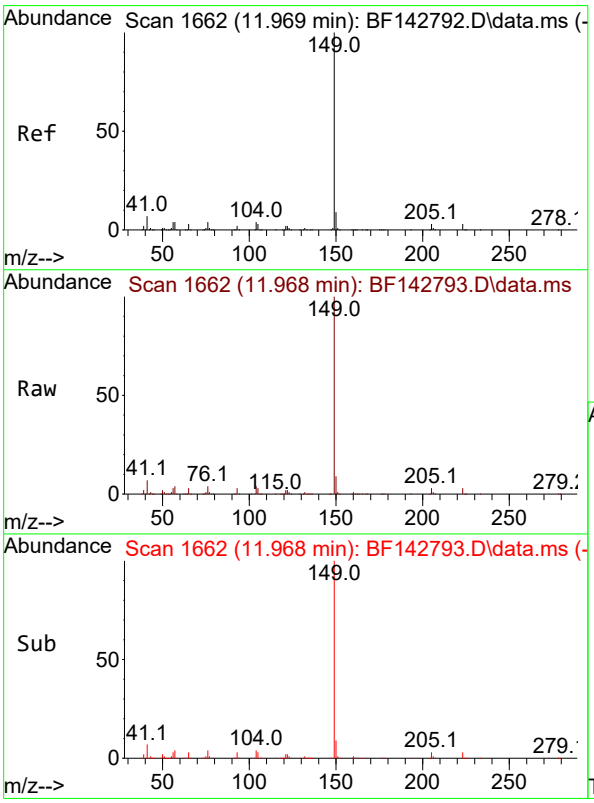
#73
Carbazole
Concen: 53.996 ng
RT: 11.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

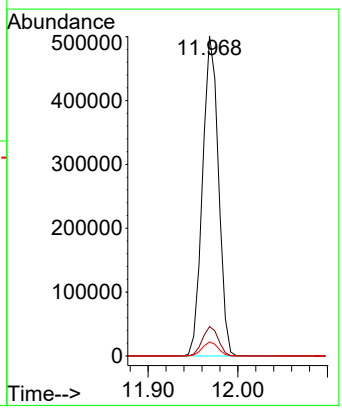


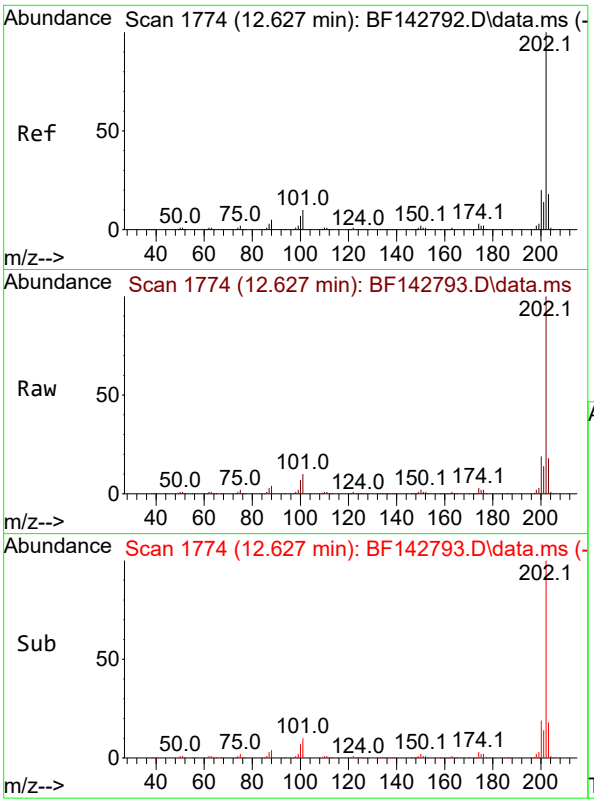


#74
Di-n-butylphthalate
Concen: 52.211 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



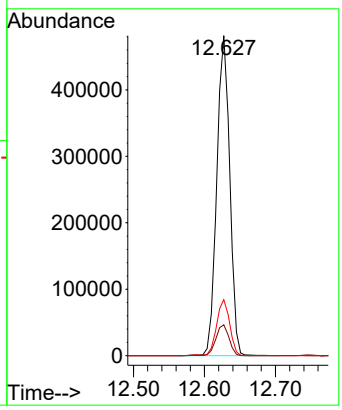


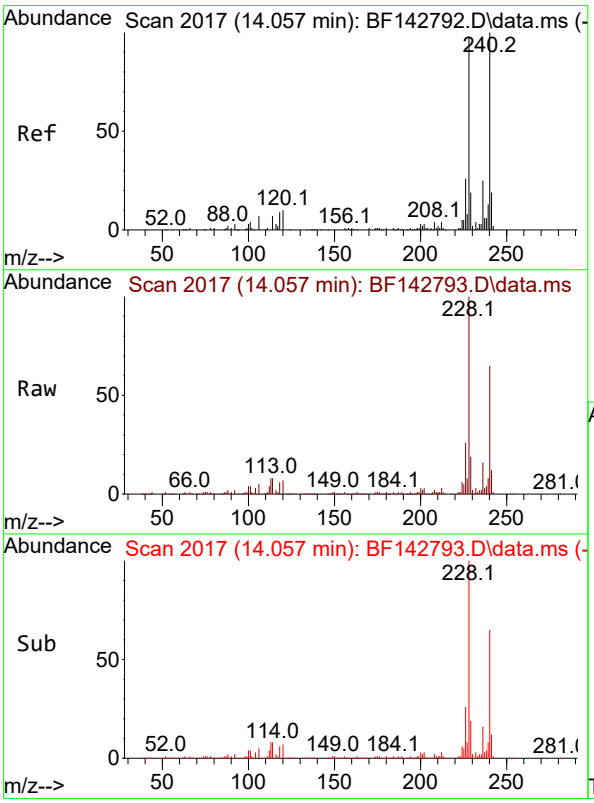
#75
Fluoranthene
Concen: 52.032 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

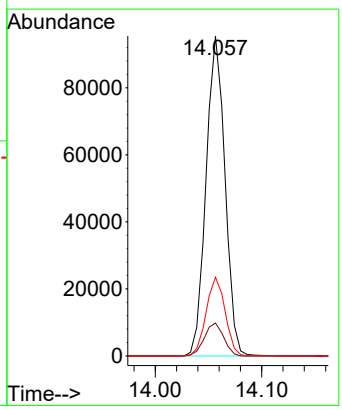


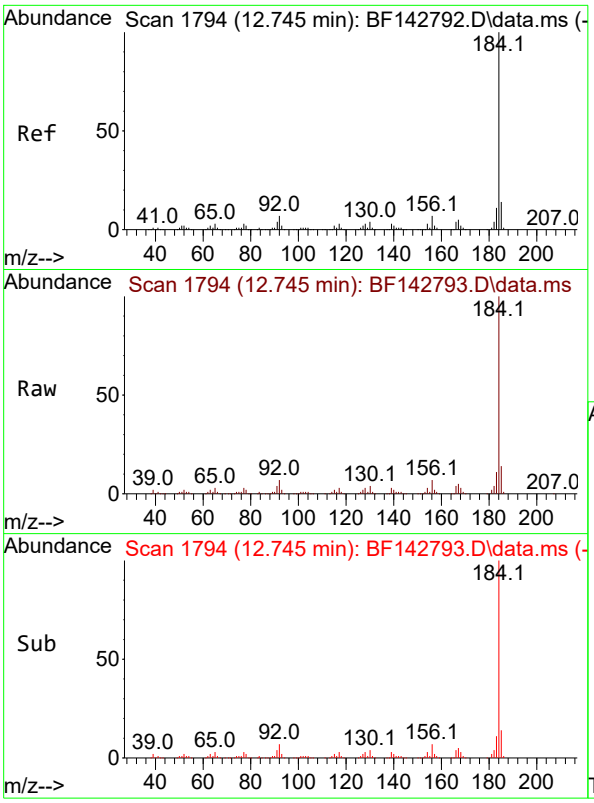


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



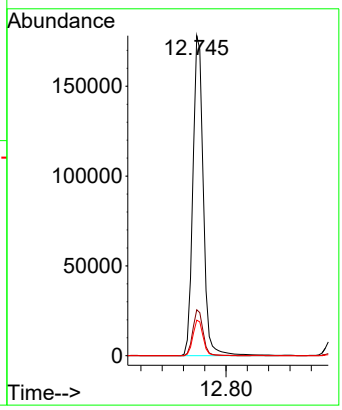


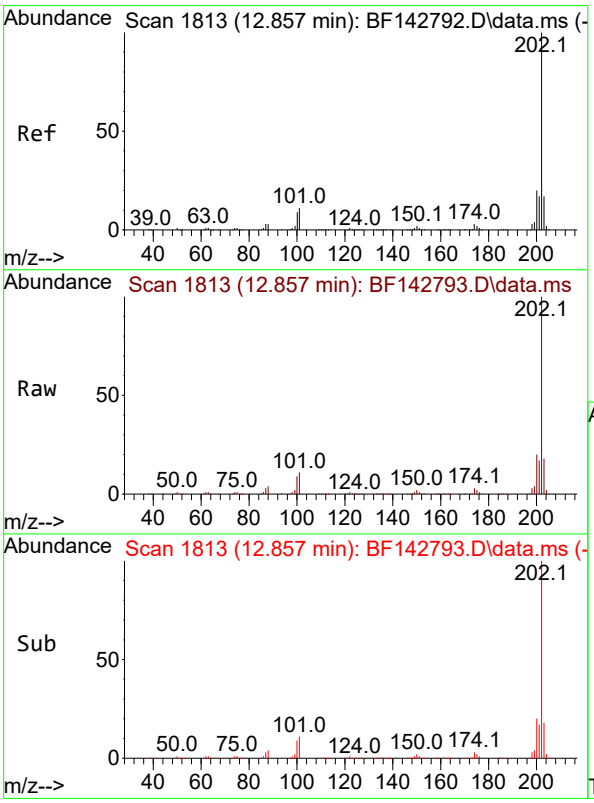
#77
Benzidine
Concen: 58.208 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

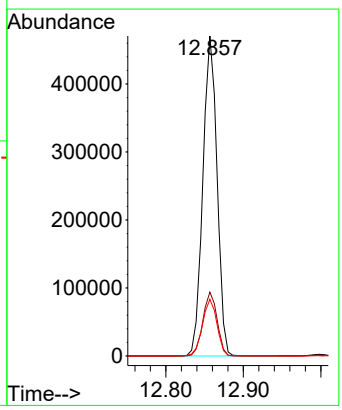


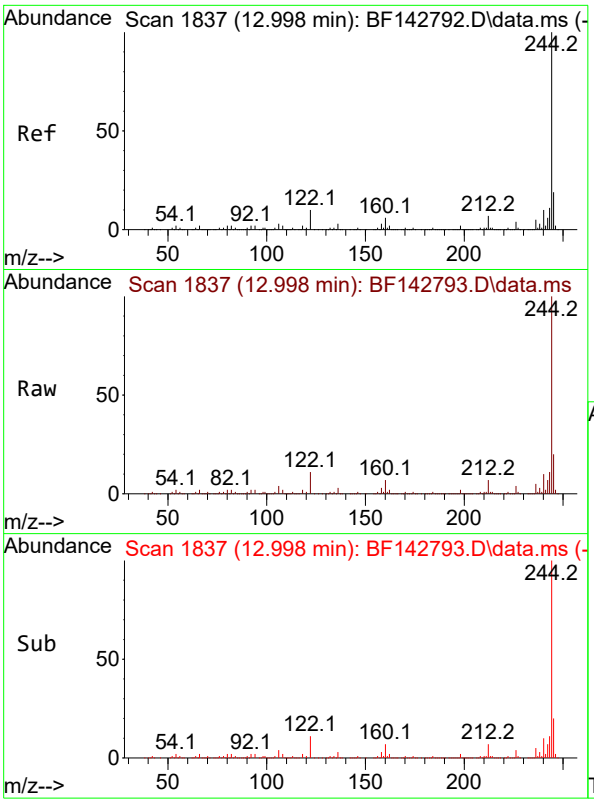


#78
Pyrene
Concen: 55.205 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



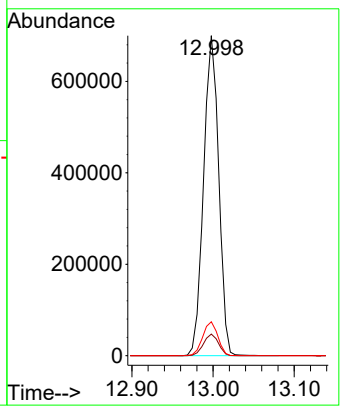


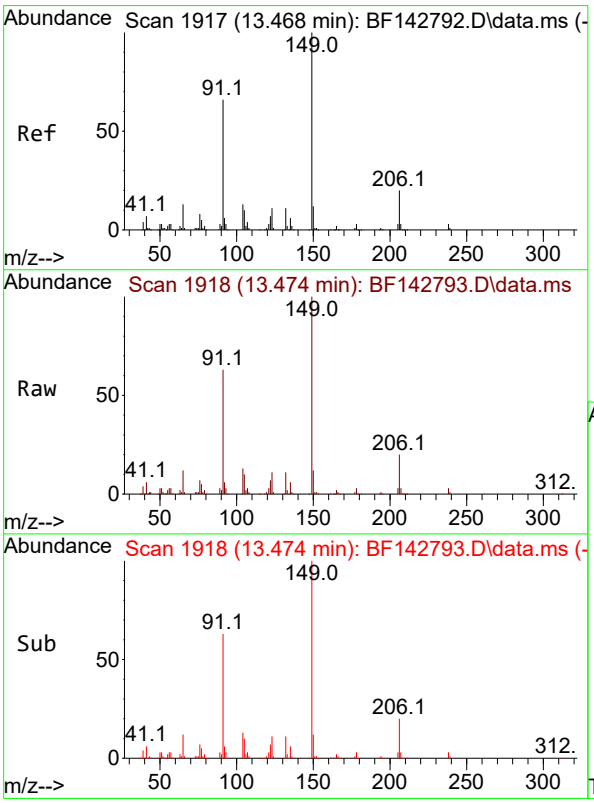
#79
Terphenyl-d14
Concen: 106.820 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

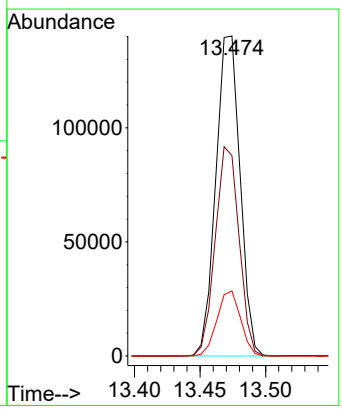


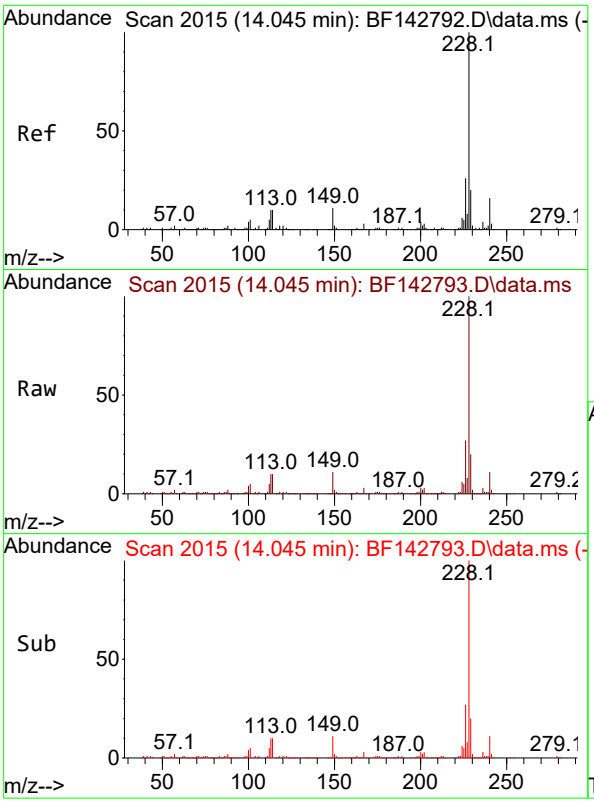


#80
Butylbenzylphthalate
Concen: 56.257 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



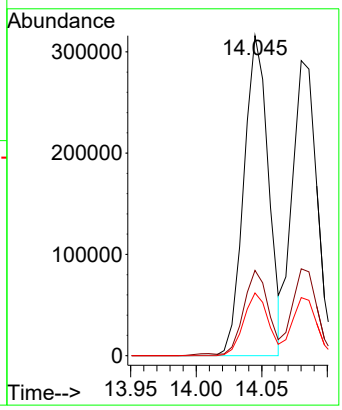


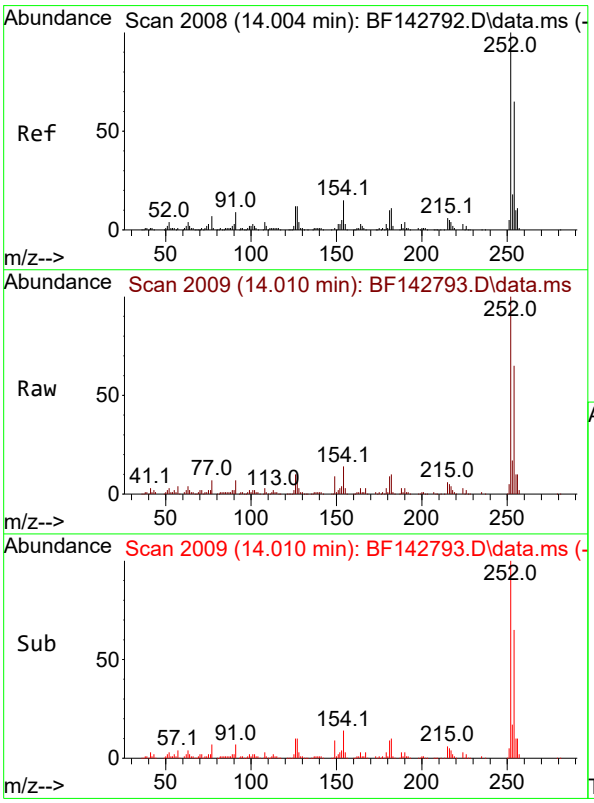
#81
Benzo(a)anthracene
Concen: 53.431 ng
RT: 14.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

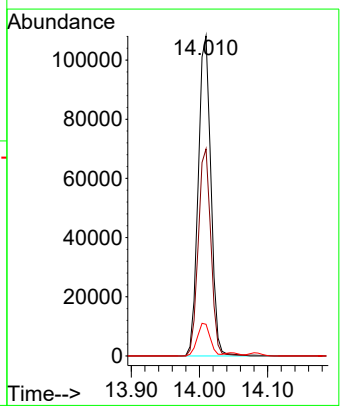


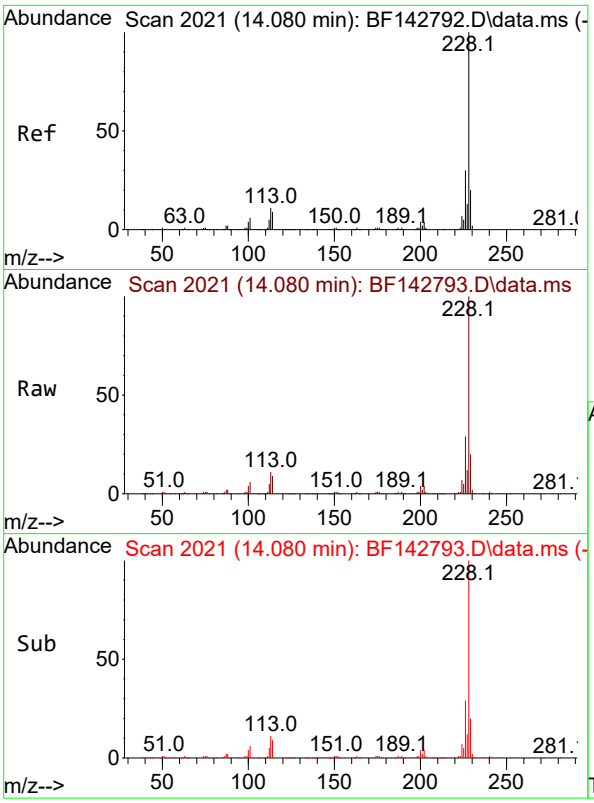


#82
3,3'-Dichlorobenzidine
Concen: 55.949 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



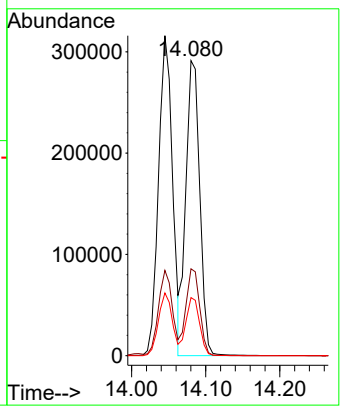


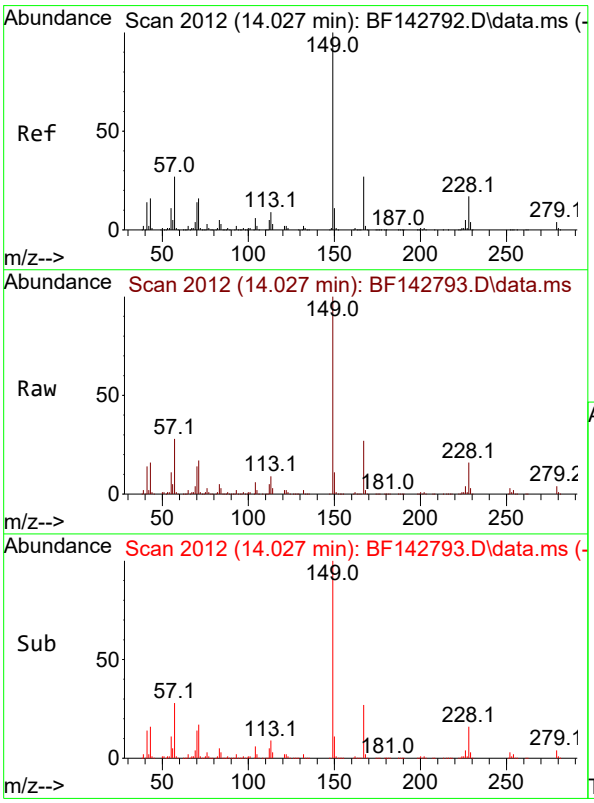
#83
Chrysene
Concen: 52.950 ng
RT: 14.080 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

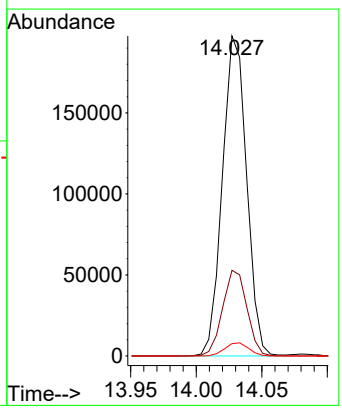


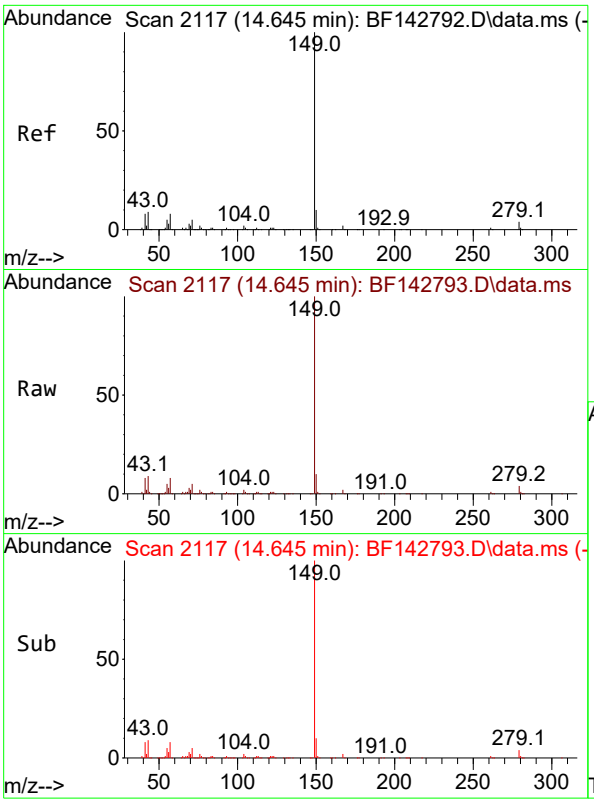


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.016 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



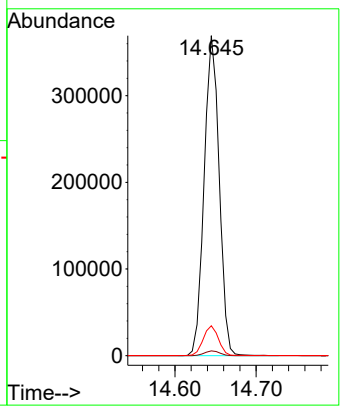


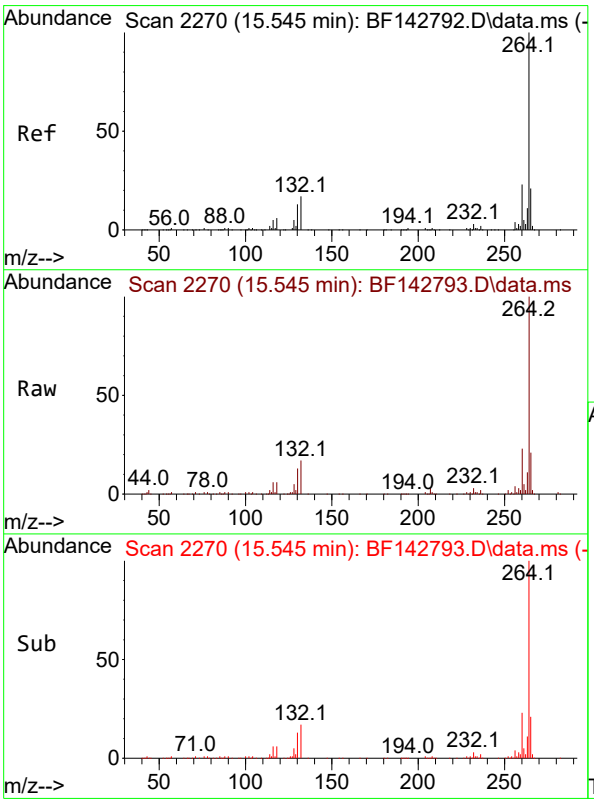
#85
Di-n-octyl phthalate
Concen: 52.029 ng
RT: 14.645 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

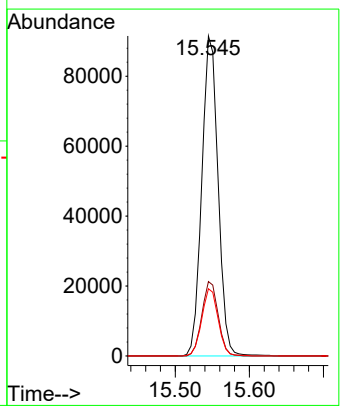


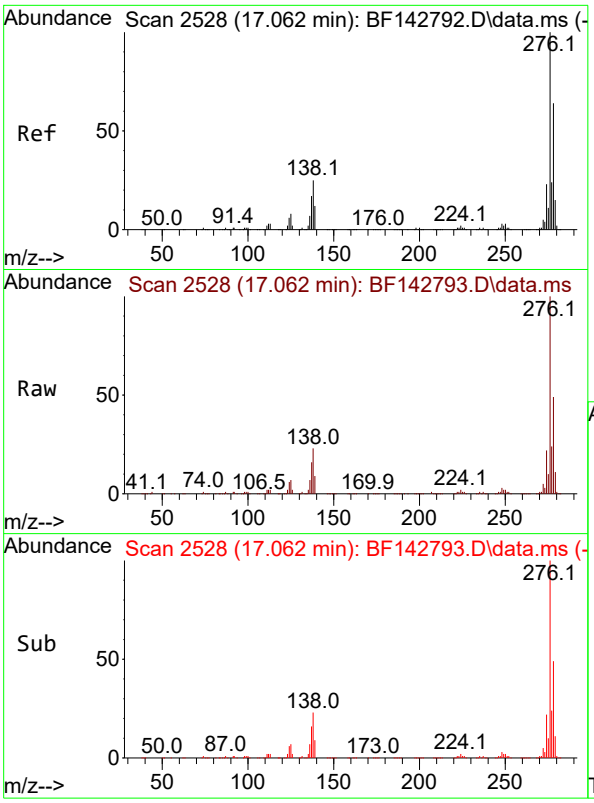


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



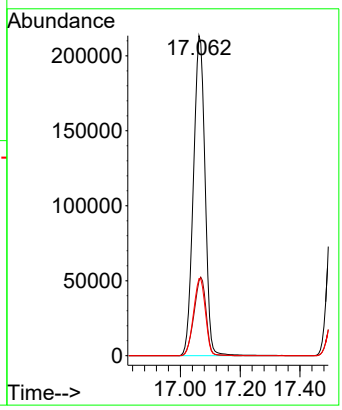


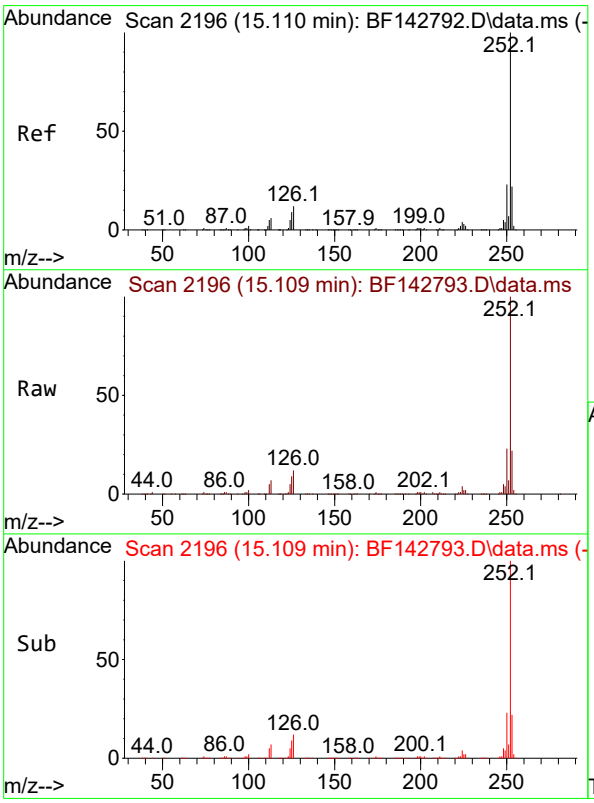
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.741 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

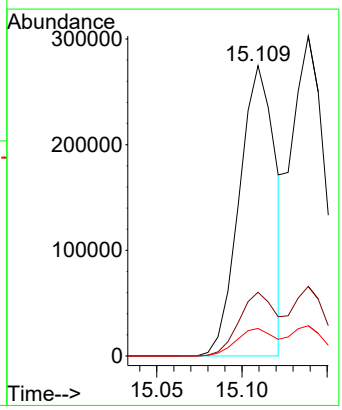


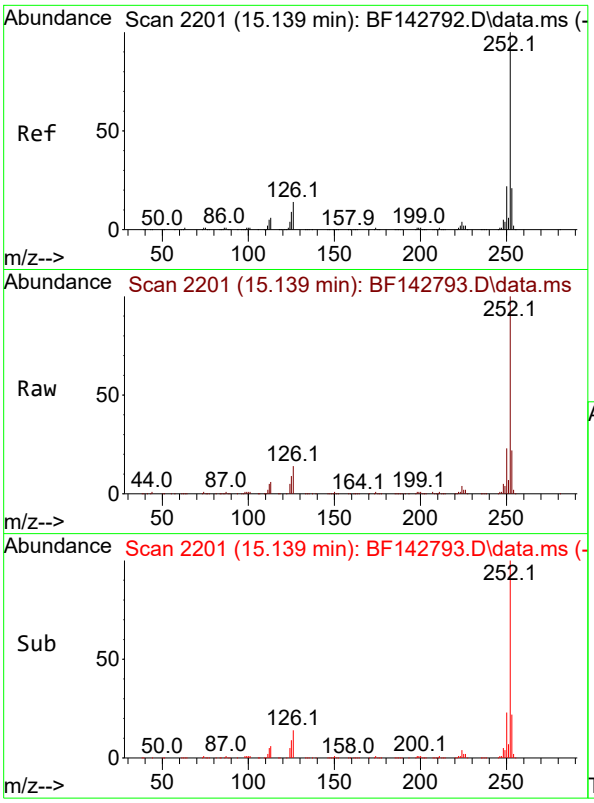


#88
Benzo(b)fluoranthene
Concen: 49.437 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



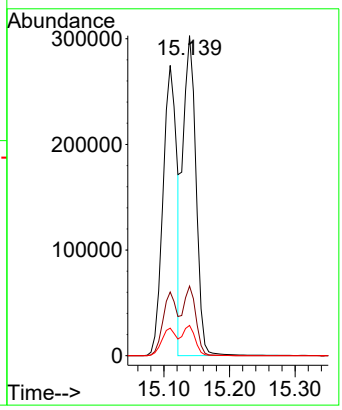


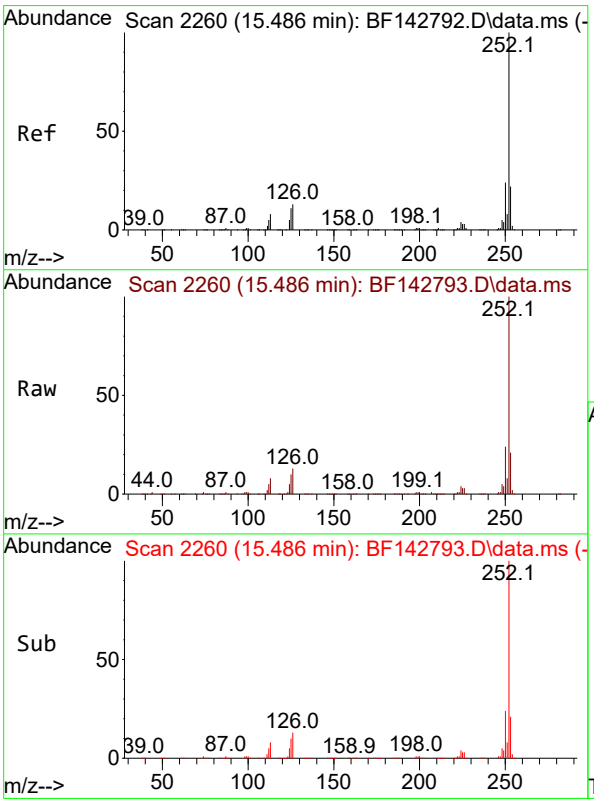
#89
Benzo(k)fluoranthene
Concen: 52.440 ng
RT: 15.139 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

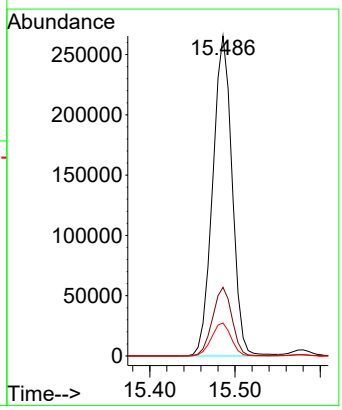


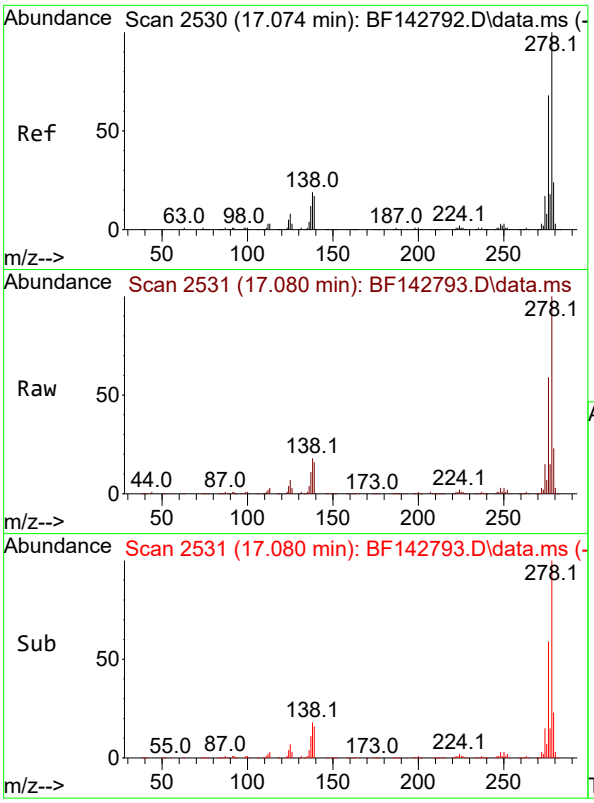


#90
Benzo(a)pyrene
Concen: 53.860 ng
RT: 15.486 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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



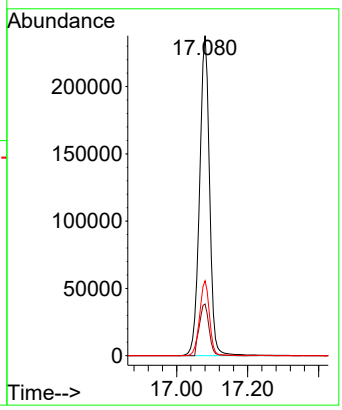


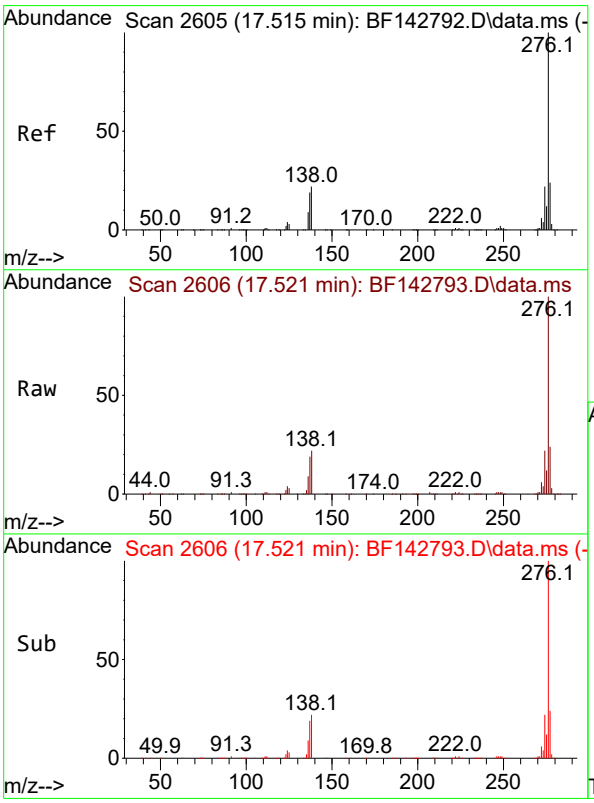
#91
Dibenzo(a,h)anthracene
Concen: 55.594 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

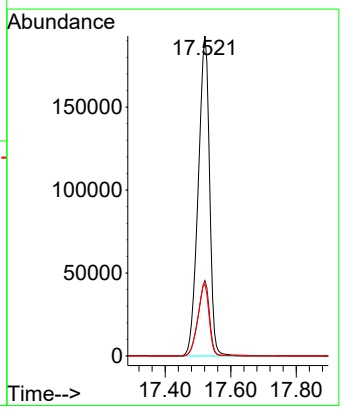




#92
Benzo(g,h,i)perylene
Concen: 55.540 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142793.D
Acq: 19 Jun 2025 19:40

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

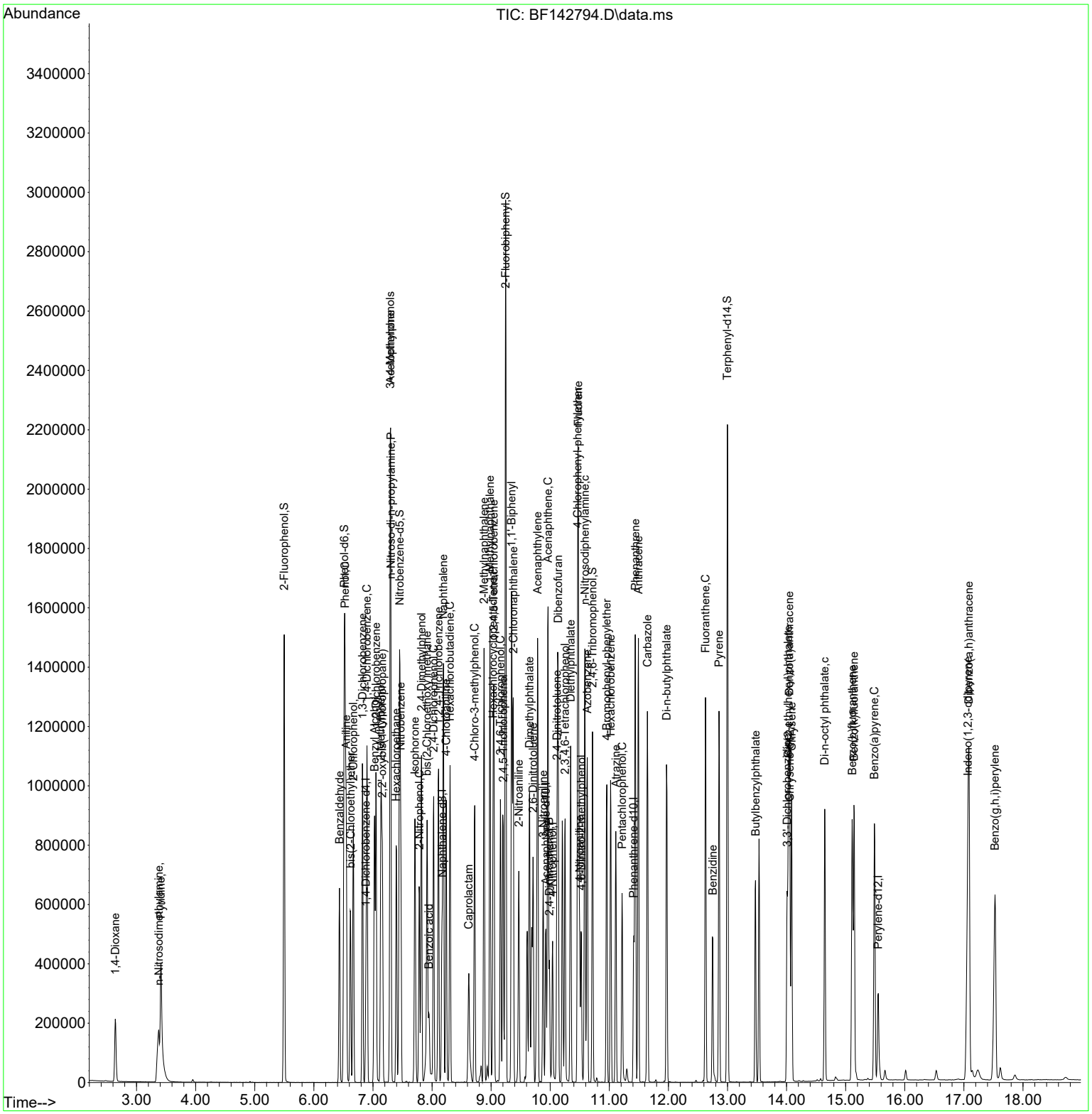
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	196769	60.565	ng	99
46) 1,1'-Biphenyl	9.345	154	736970	58.937	ng	99
47) 2-Chloronaphthalene	9.375	162	553304	59.966	ng	99
48) 2-Nitroaniline	9.469	65	162701	62.067	ng	96
49) Acenaphthylene	9.786	152	913540	58.892	ng	100
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

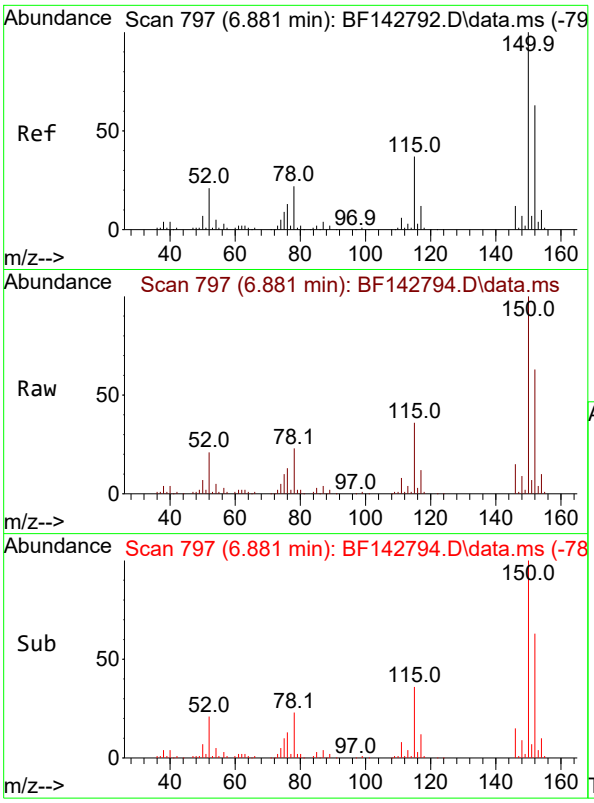
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



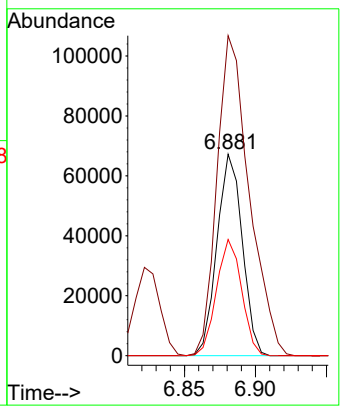


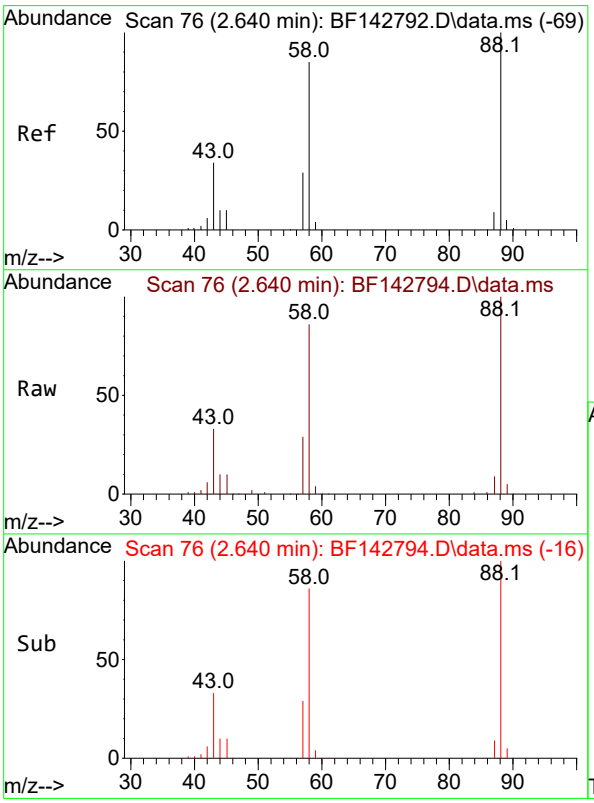
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

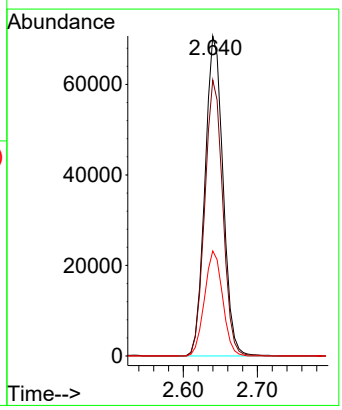


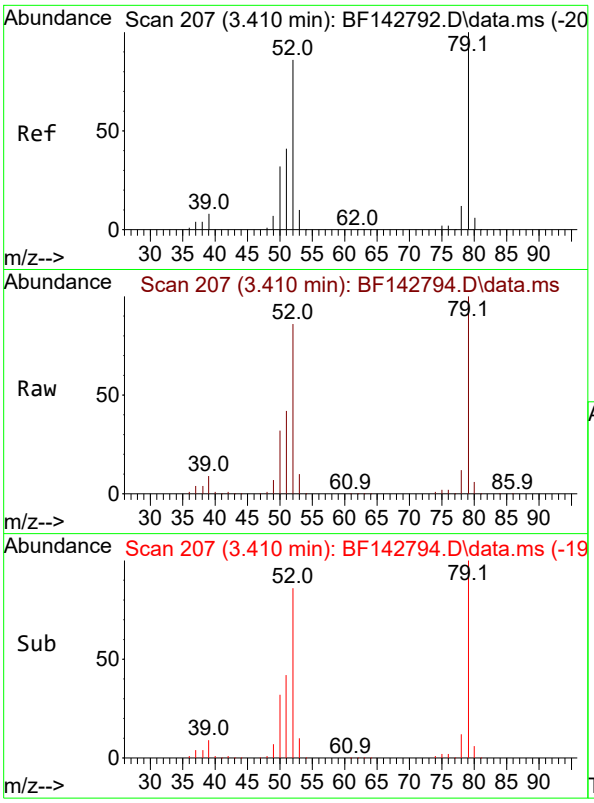


#2
1,4-Dioxane
Concen: 61.705 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



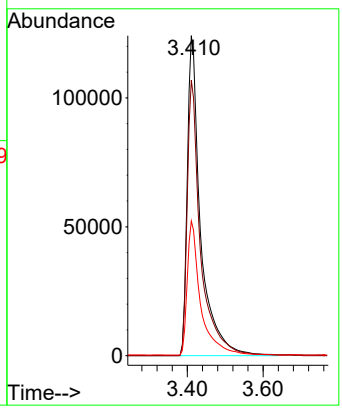


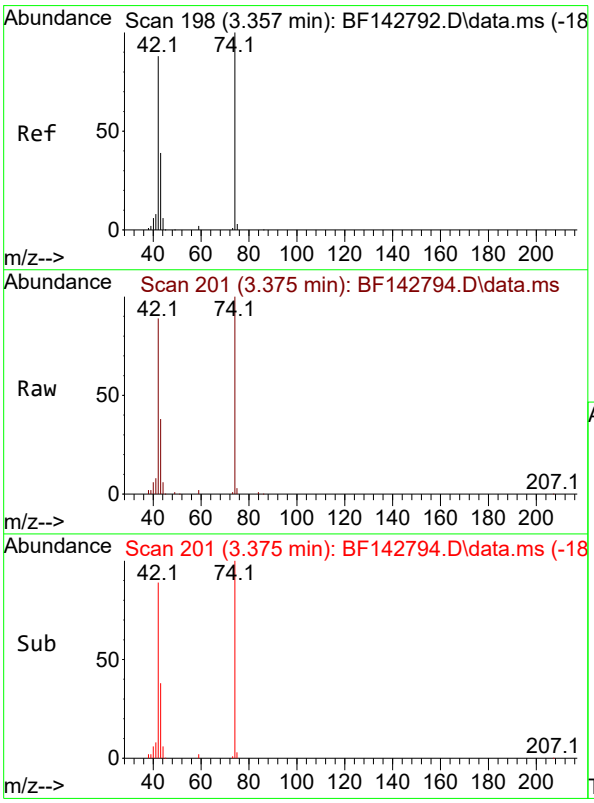
#3
Pyridine
Concen: 62.244 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

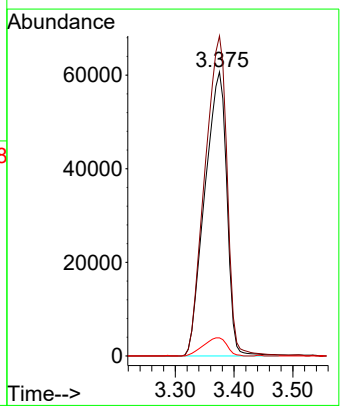


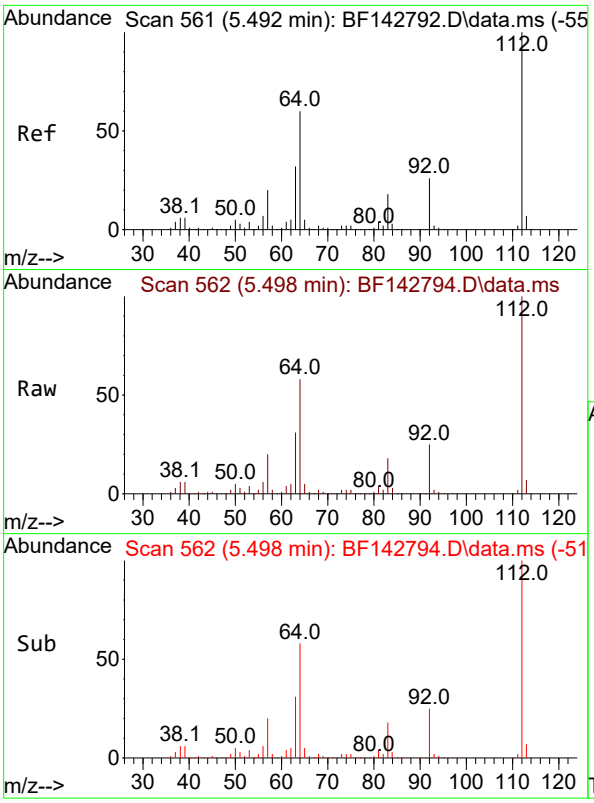


#4
n-Nitrosodimethylamine
Concen: 63.520 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



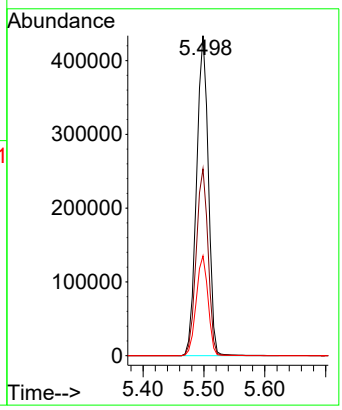


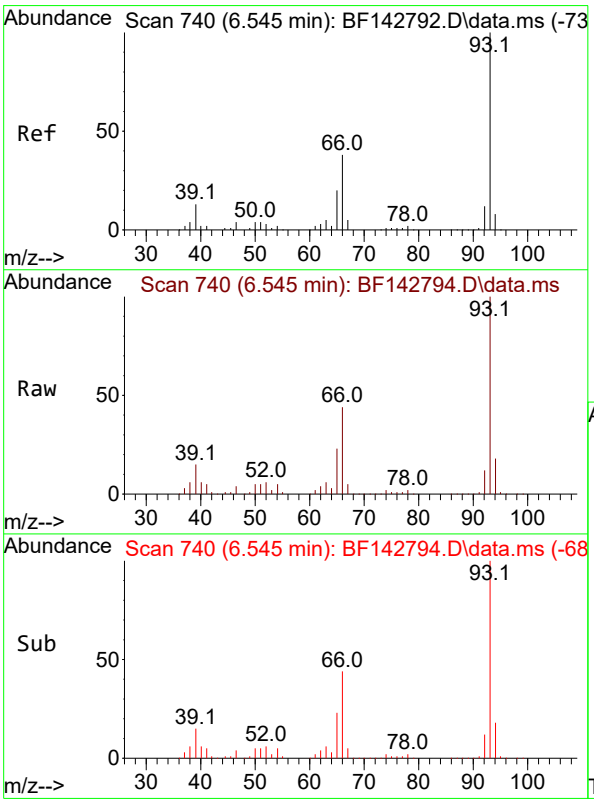
#5
2-Fluorophenol
Concen: 119.852 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

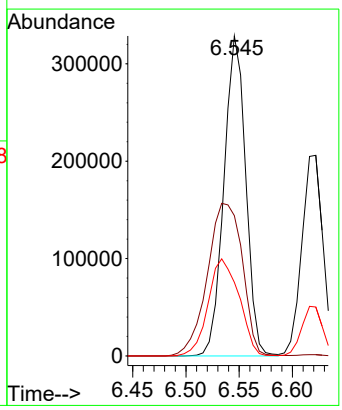


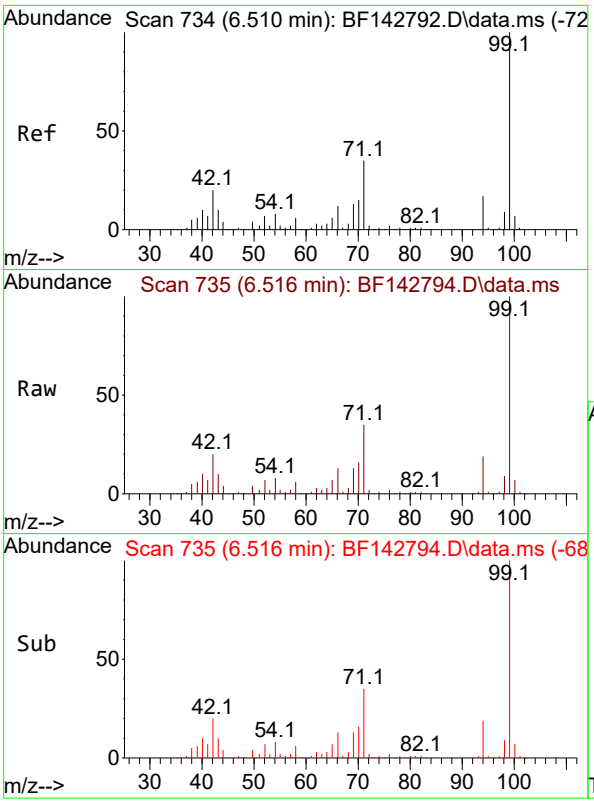


#6
Aniline
Concen: 60.761 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



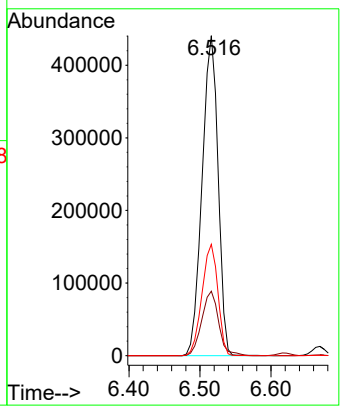


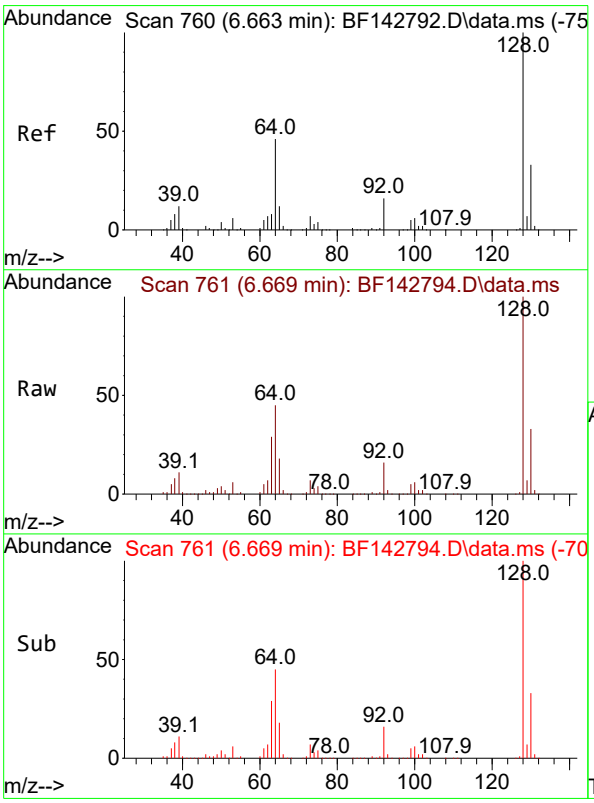
#7
Phenol-d6
Concen: 120.255 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

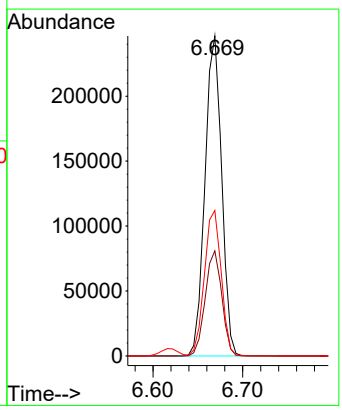


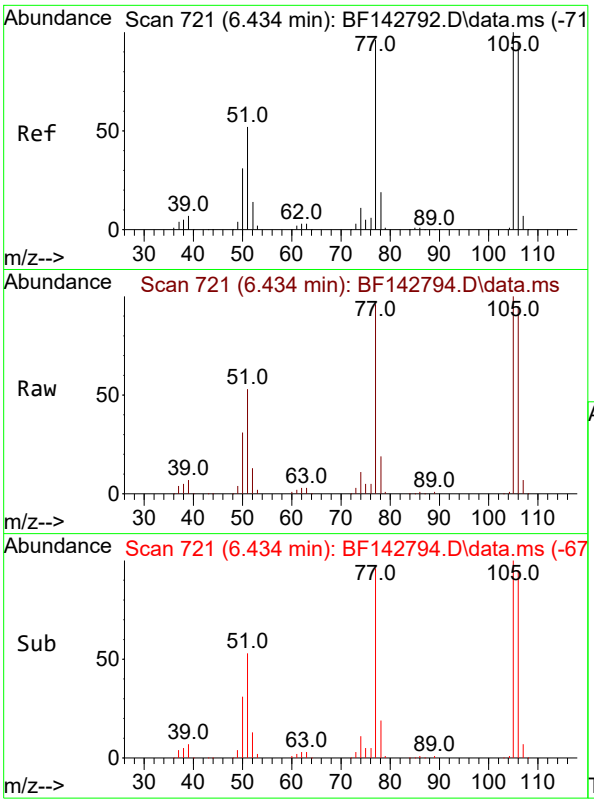


#8
2-Chlorophenol
Concen: 59.767 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



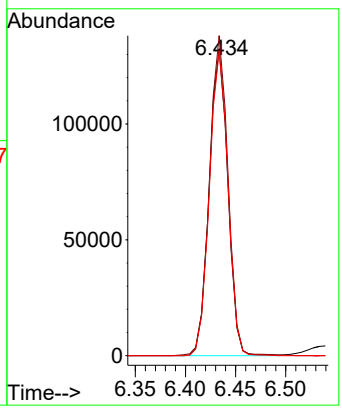


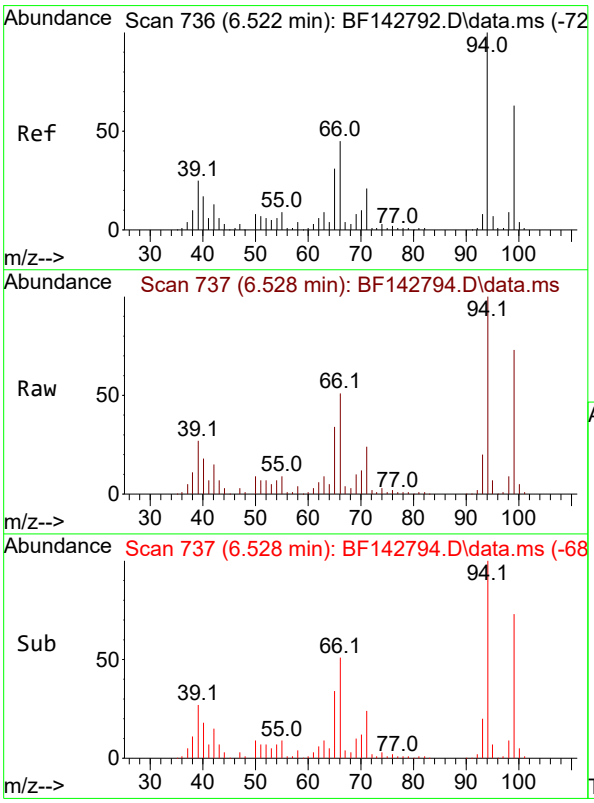
#9
Benzaldehyde
Concen: 48.878 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

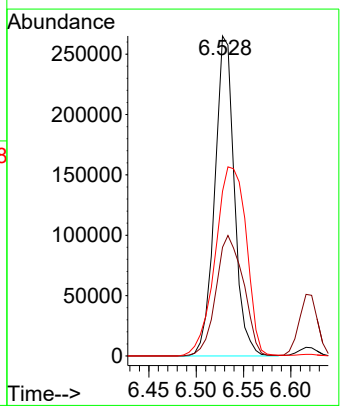


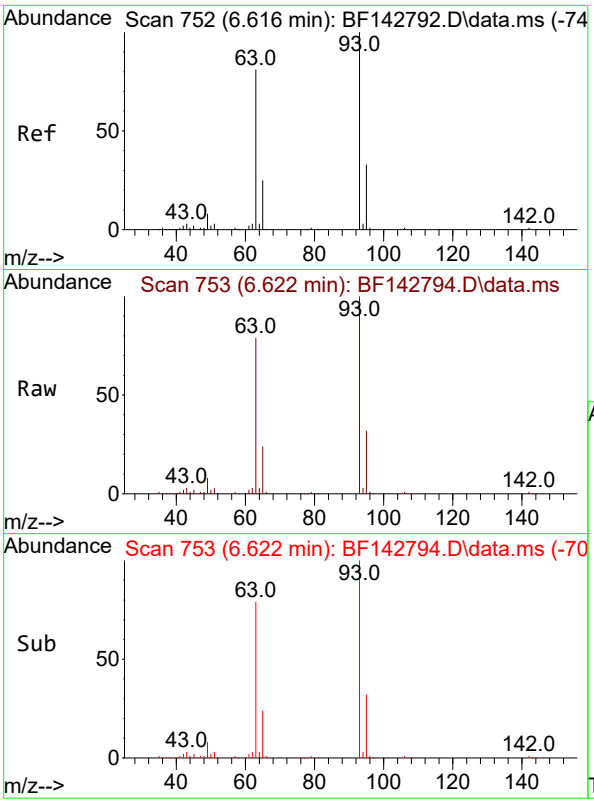


#10
Phenol
Concen: 59.780 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



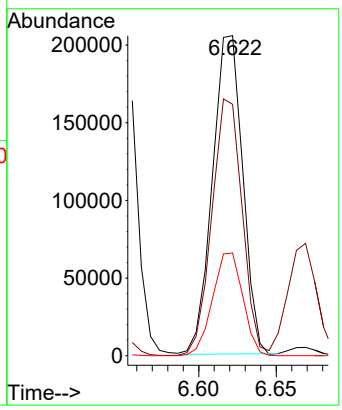


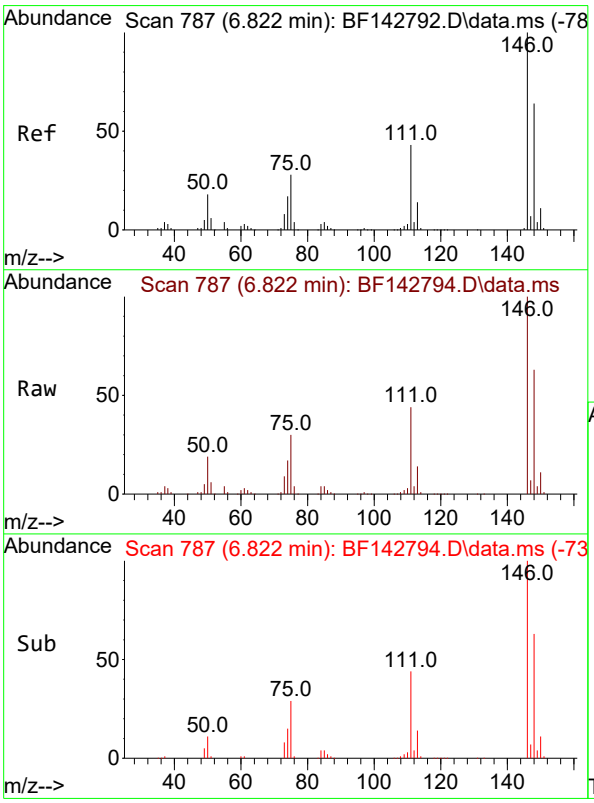
#11
bis(2-Chloroethyl)ether
Concen: 58.802 ng
RT: 6.622 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

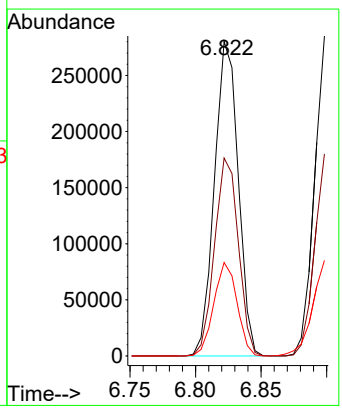


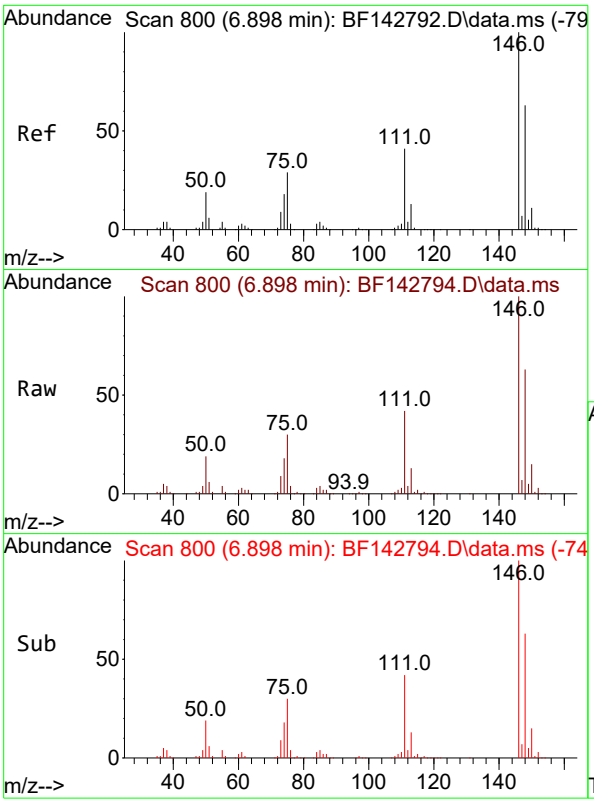


#12
1,3-Dichlorobenzene
Concen: 58.337 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



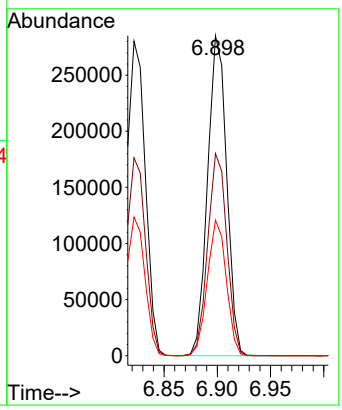


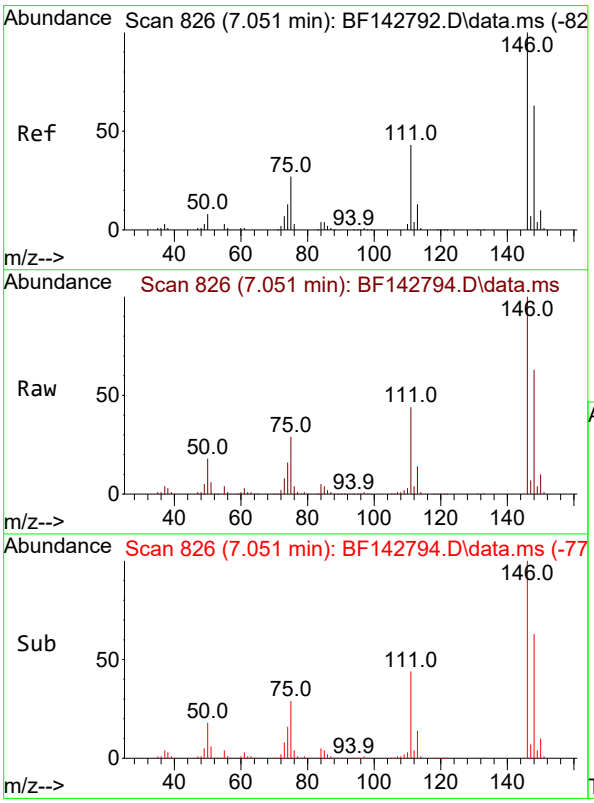
#13
1,4-Dichlorobenzene
Concen: 58.035 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

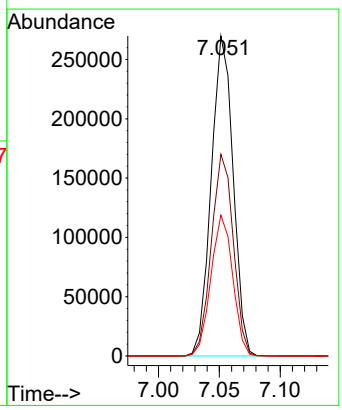


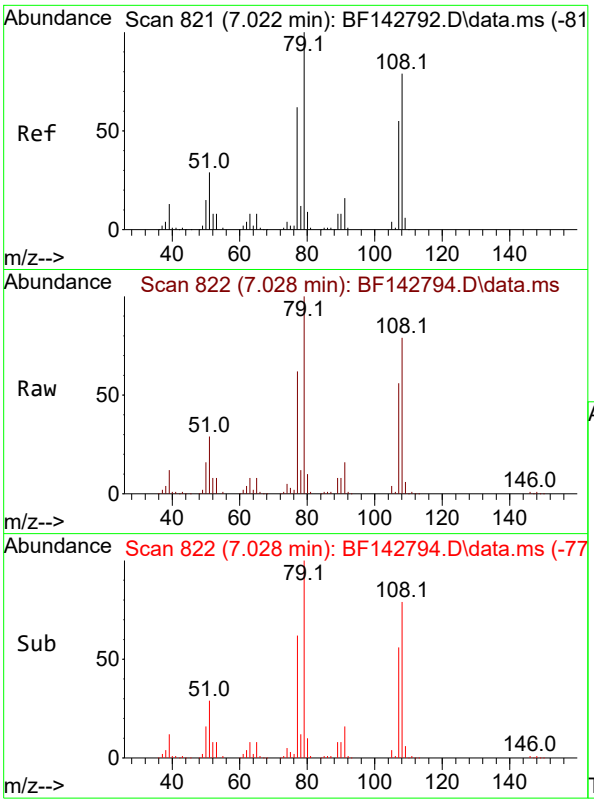


#14
1,2-Dichlorobenzene
Concen: 57.645 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



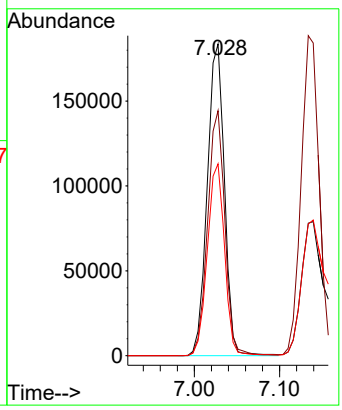


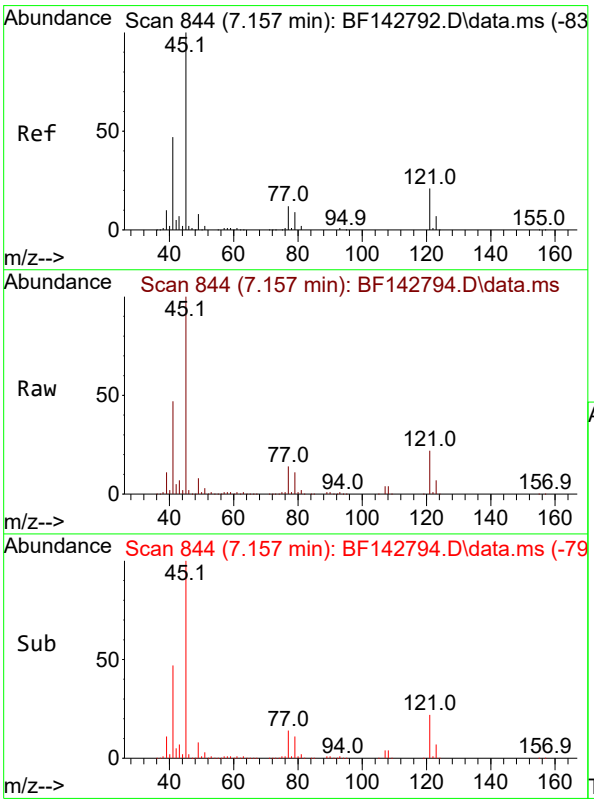
#15
Benzyl Alcohol
Concen: 60.062 ng
RT: 7.028 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

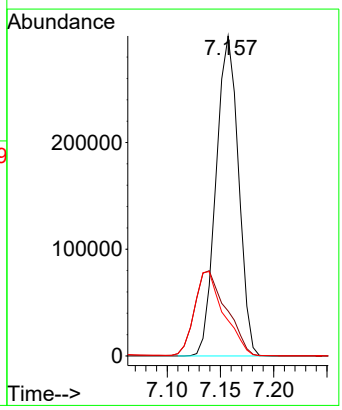


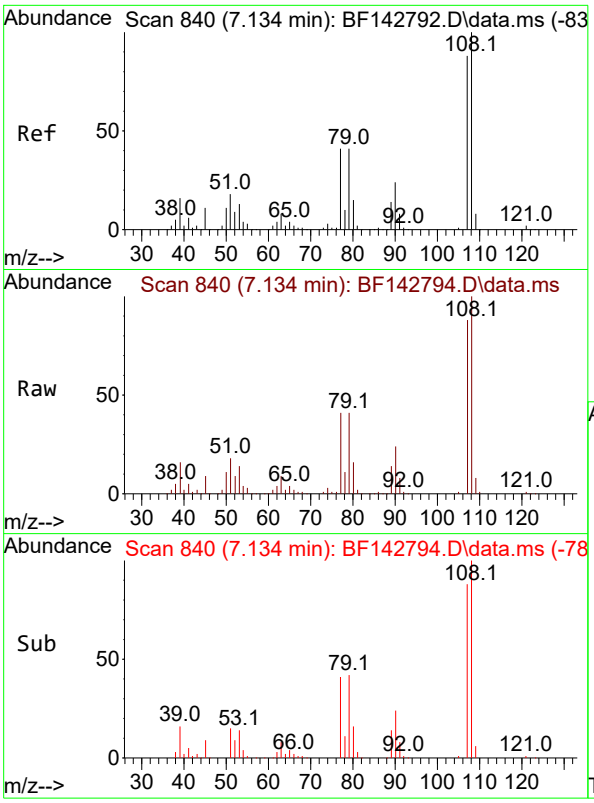


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.763 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



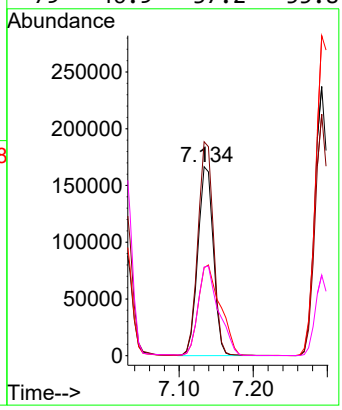


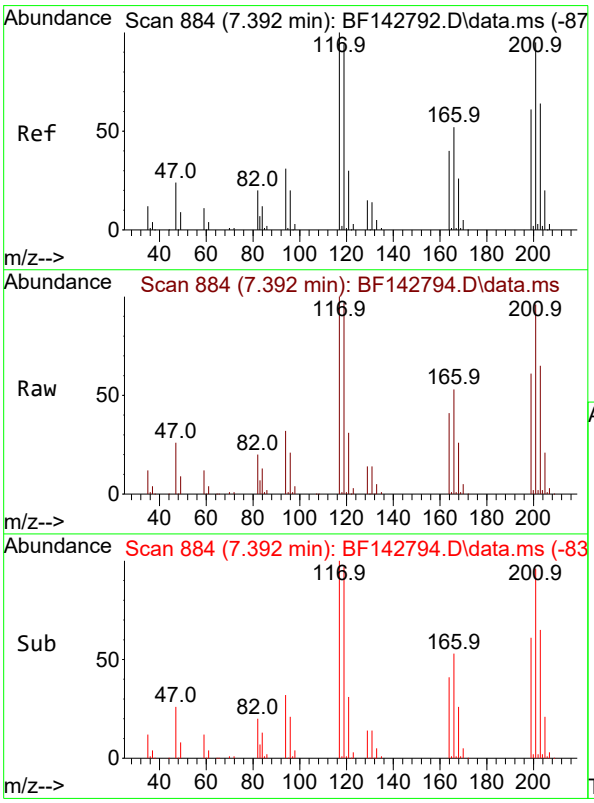
#17
2-Methylphenol
Concen: 59.716 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

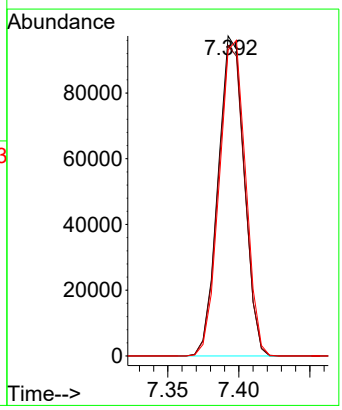


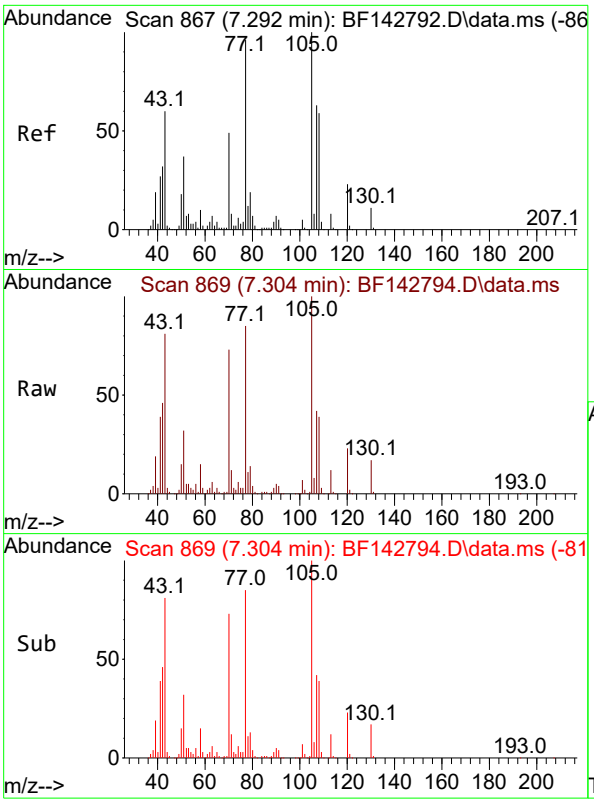


#18
Hexachloroethane
Concen: 56.741 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



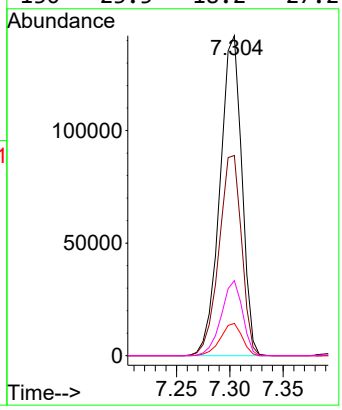


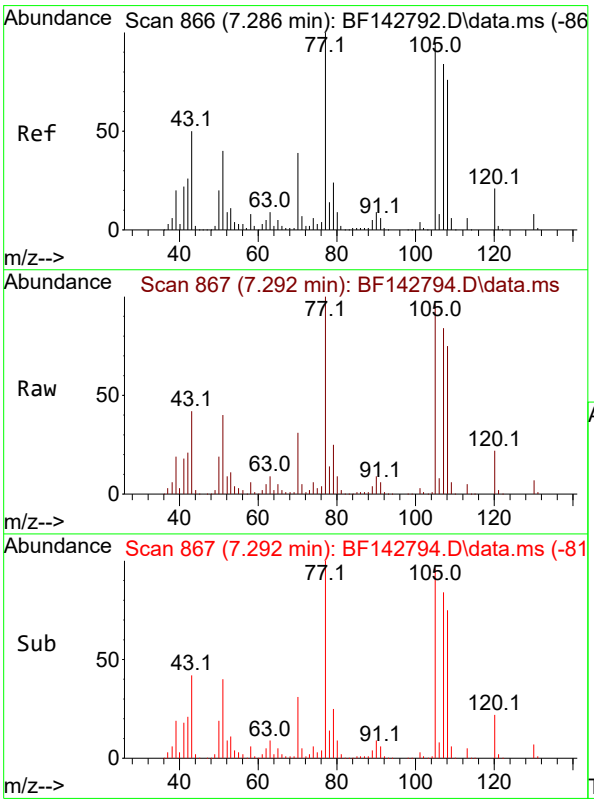
#19
n-Nitroso-di-n-propylamine
Concen: 56.123 ng
RT: 7.304 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

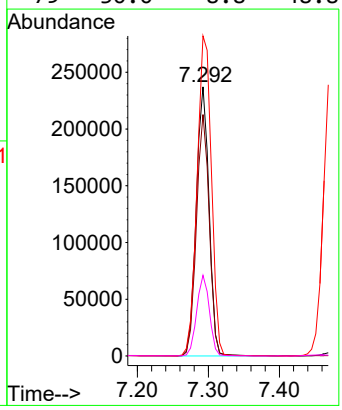


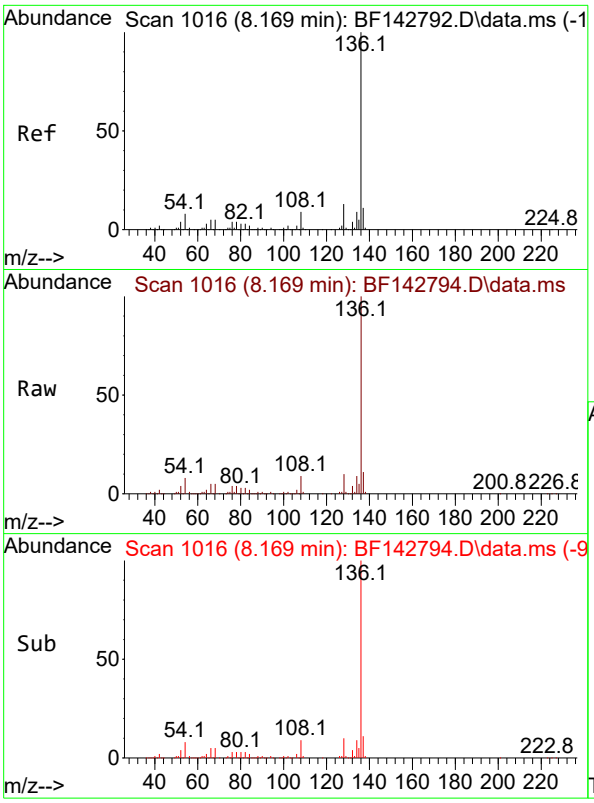


#20
3+4-Methylphenols
Concen: 58.442 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



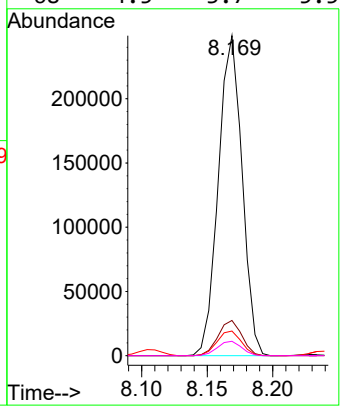


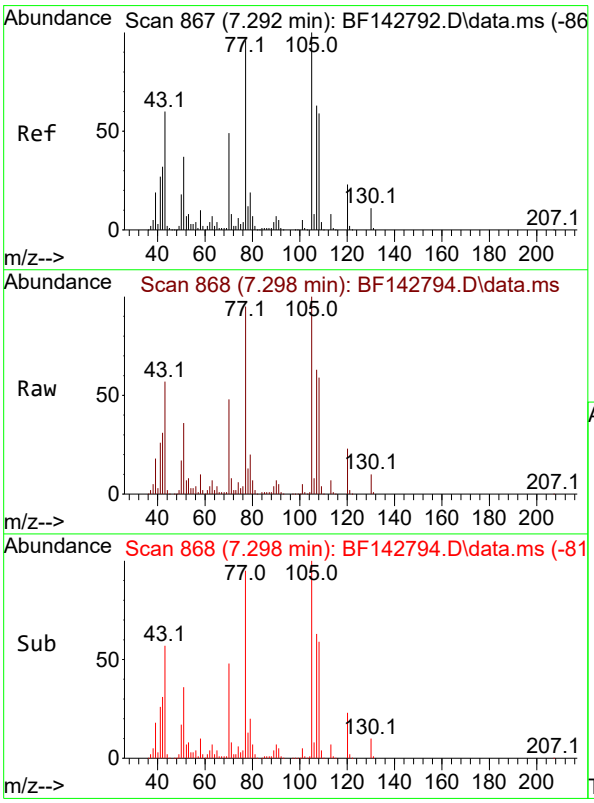
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

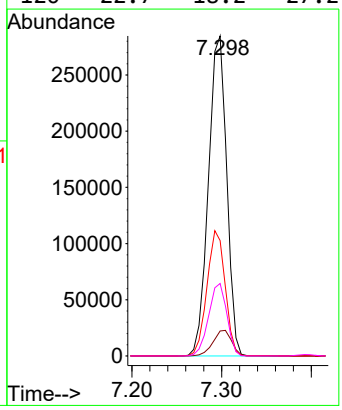


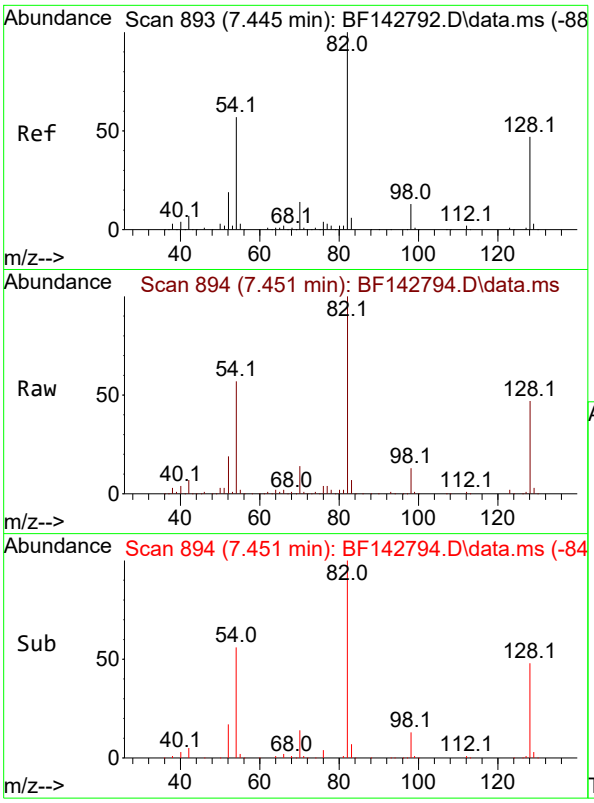


#22
Acetophenone
Concen: 58.063 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



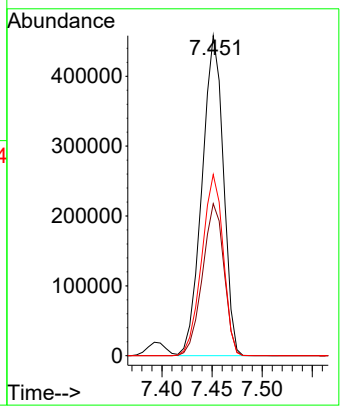


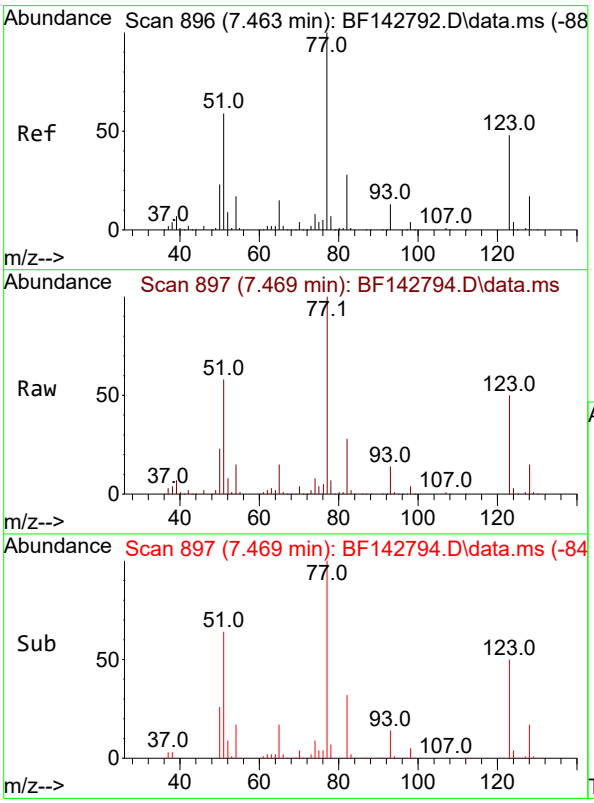
#23
Nitrobenzene-d5
Concen: 119.003 ng
RT: 7.451 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

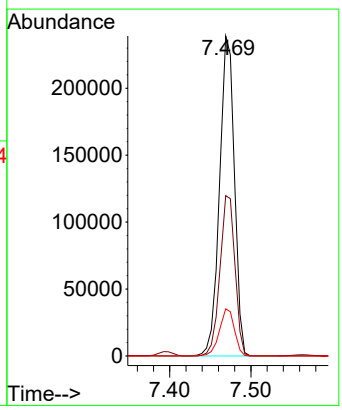


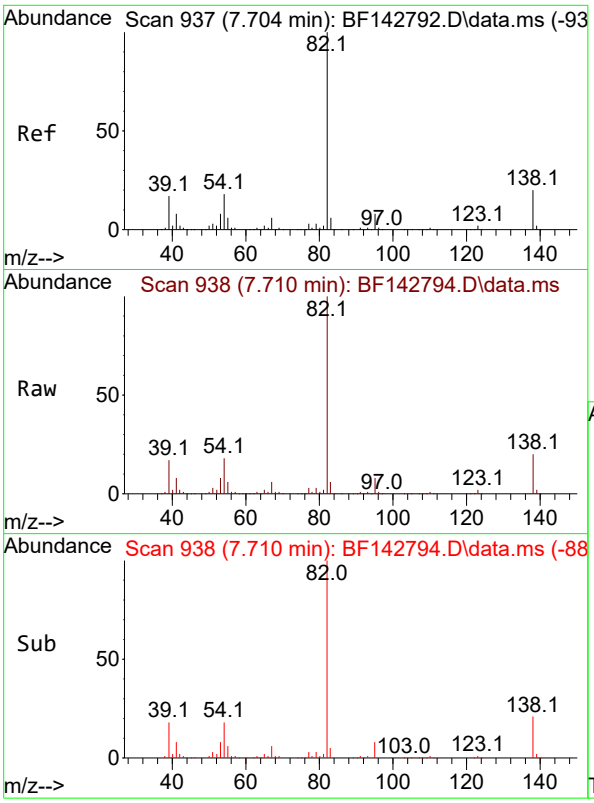


#24
Nitrobenzene
Concen: 60.229 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



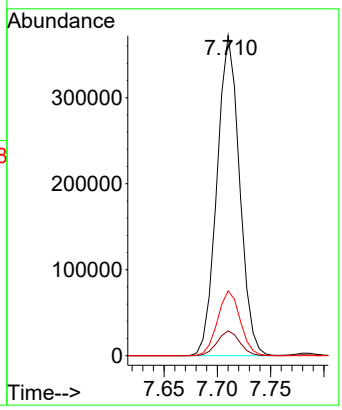


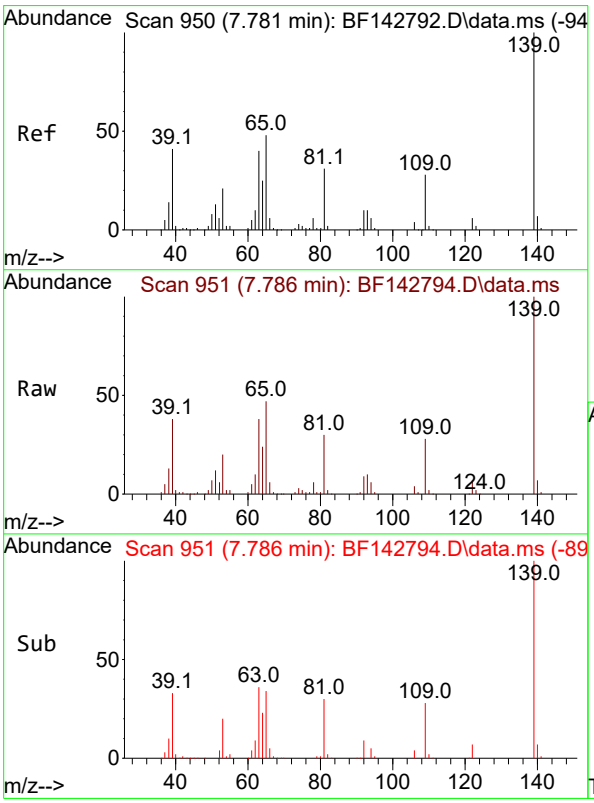
#25
Isophorone
Concen: 57.216 ng
RT: 7.710 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

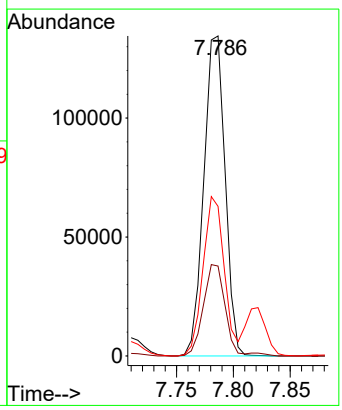


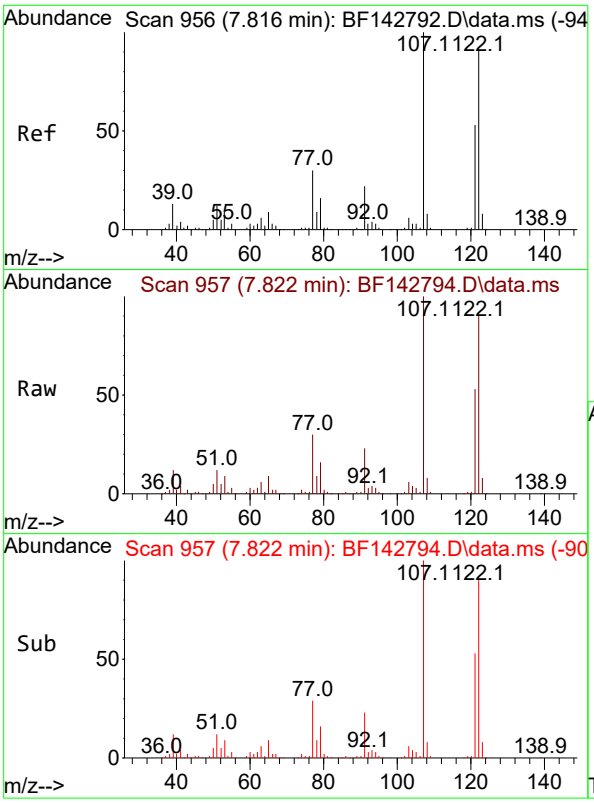


#26
2-Nitrophenol
Concen: 61.836 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



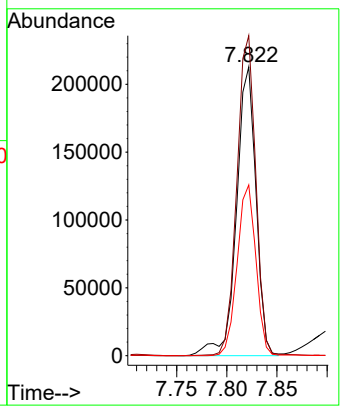


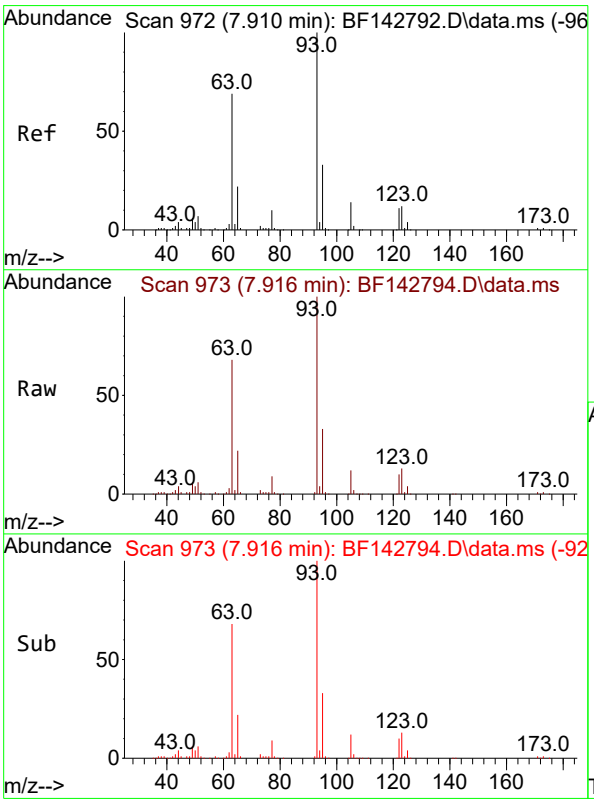
#27
2,4-Dimethylphenol
Concen: 59.859 ng
RT: 7.822 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

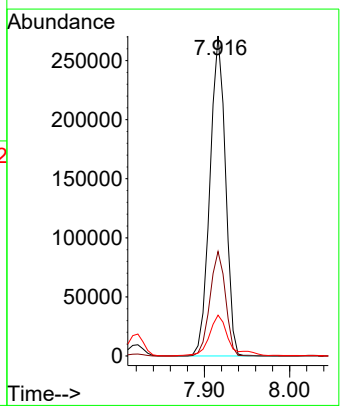


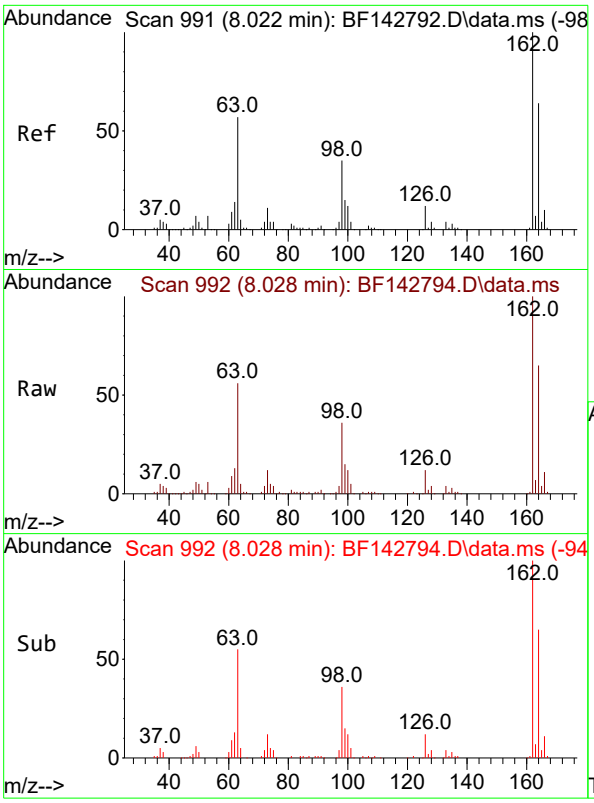


#28
bis(2-Chloroethoxy)methane
Concen: 57.620 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



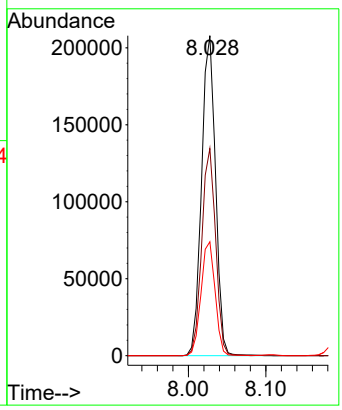


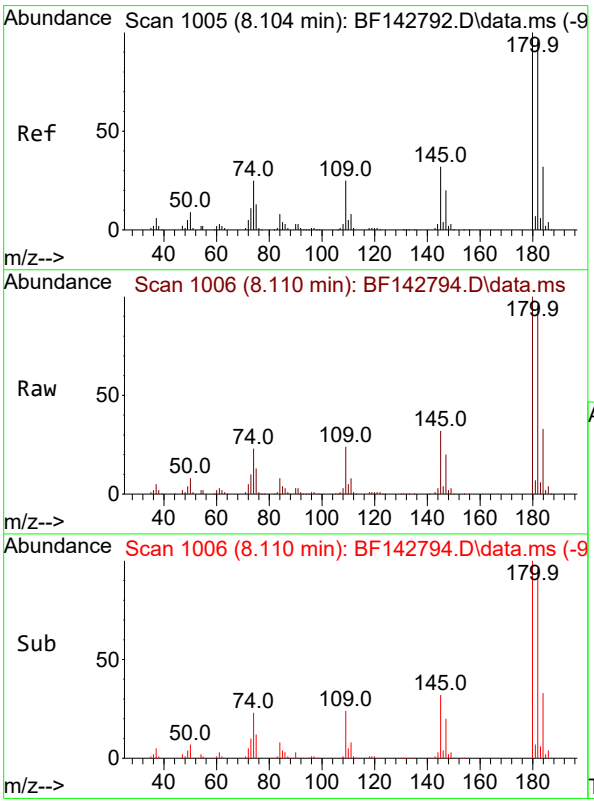
#29
2,4-Dichlorophenol
Concen: 58.574 ng
RT: 8.028 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

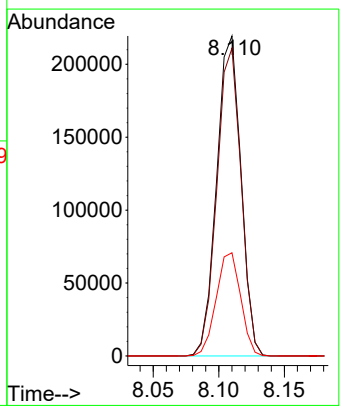


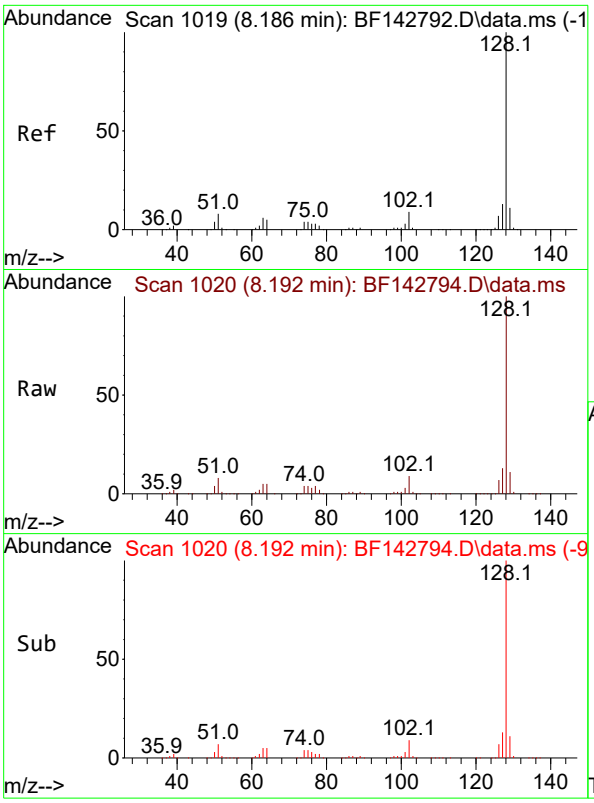


#30
1,2,4-Trichlorobenzene
Concen: 57.608 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



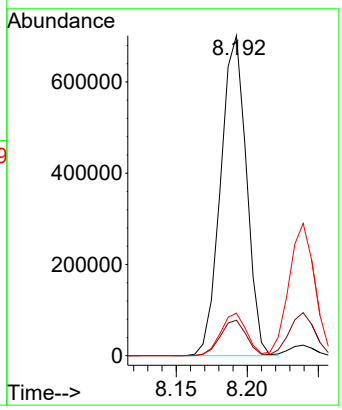


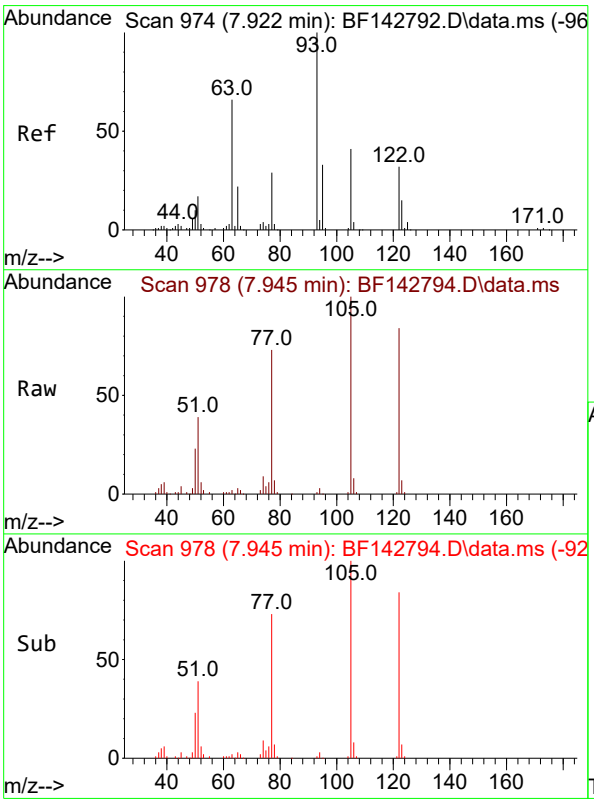
#31
Naphthalene
Concen: 57.524 ng
RT: 8.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

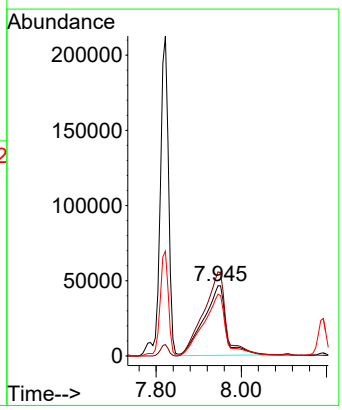


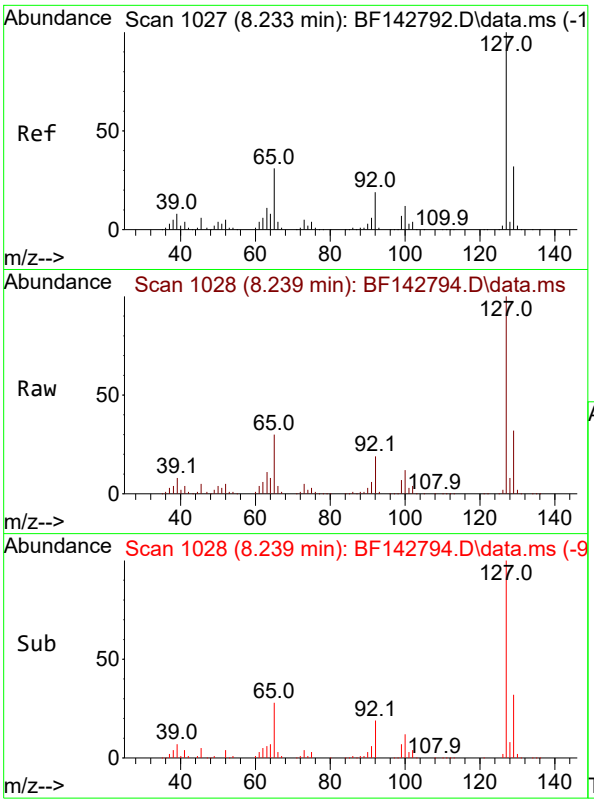


#32
Benzoic acid
Concen: 63.369 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



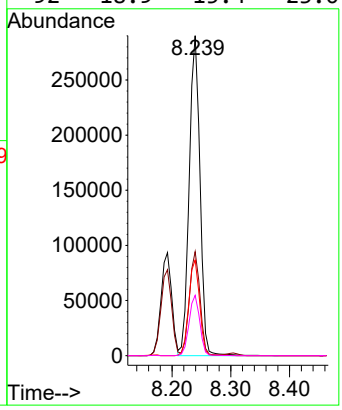


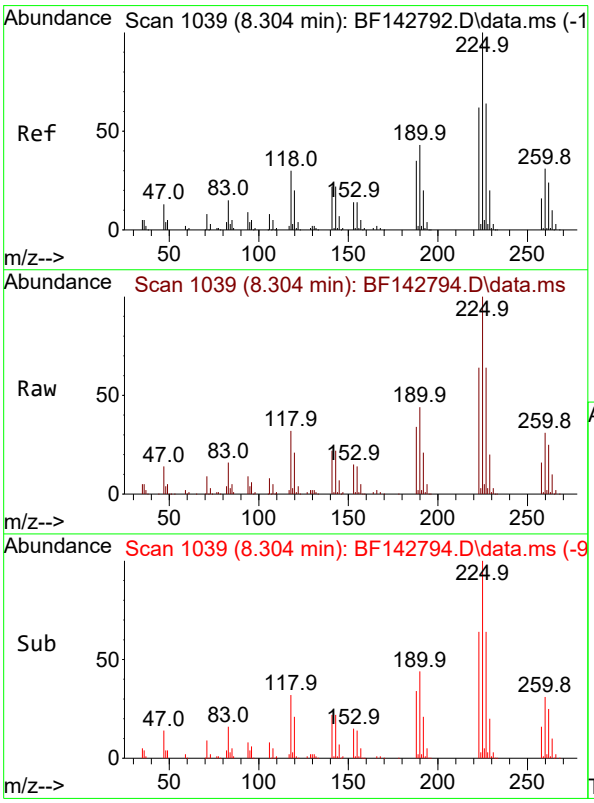
#33
4-Chloroaniline
Concen: 59.887 ng
RT: 8.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

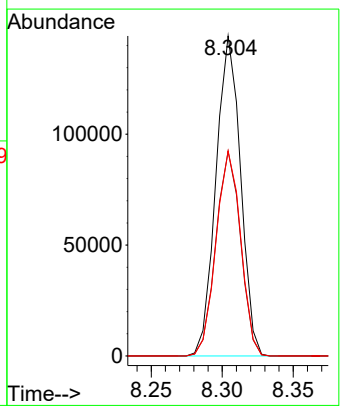


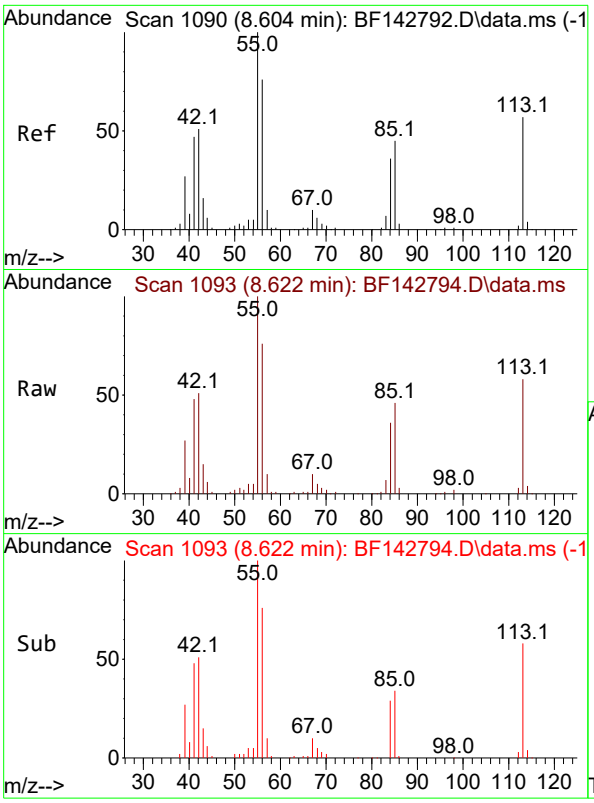


#34
Hexachlorobutadiene
Concen: 55.768 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



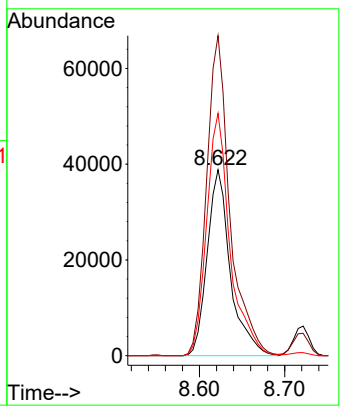


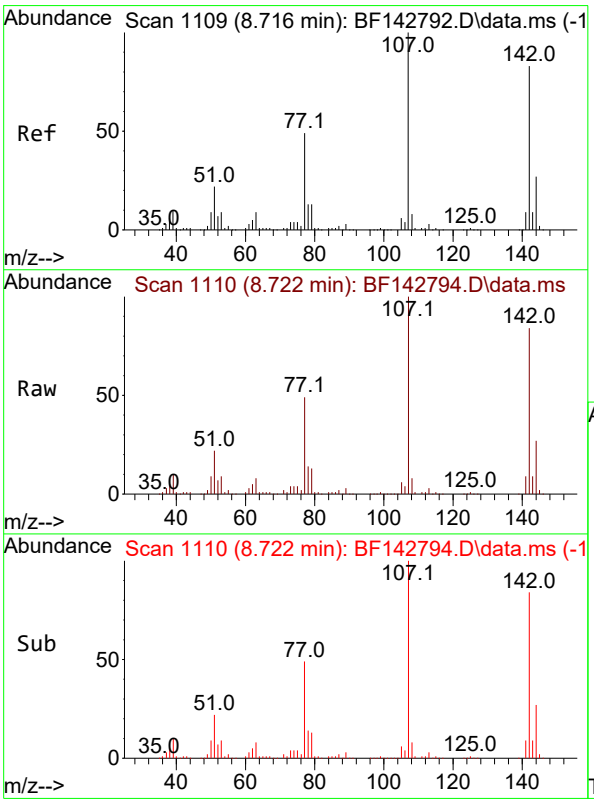
#35
Caprolactam
Concen: 61.157 ng
RT: 8.622 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

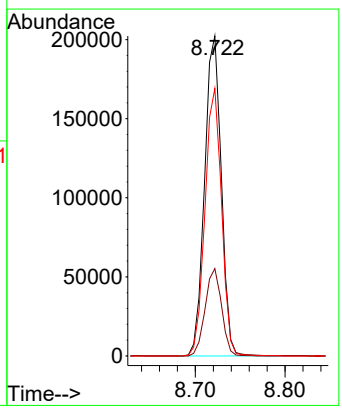


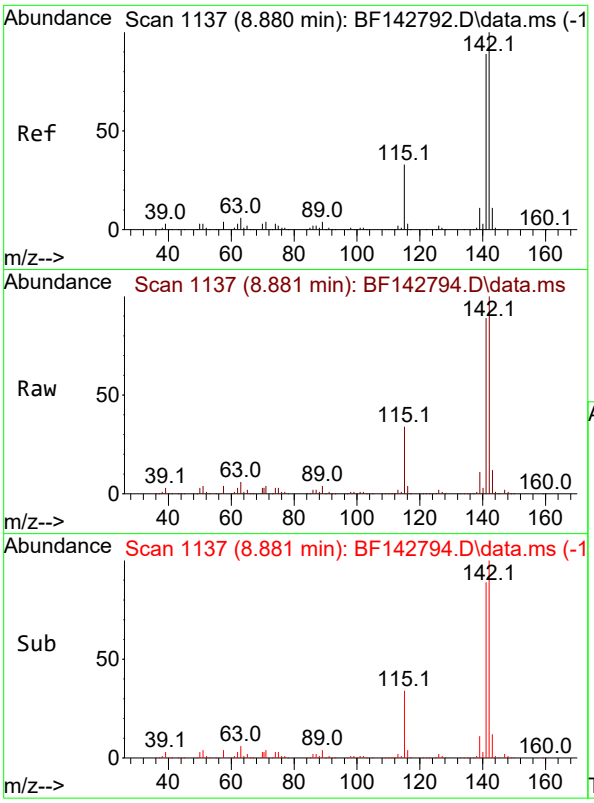


#36
4-Chloro-3-methylphenol
Concen: 56.927 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



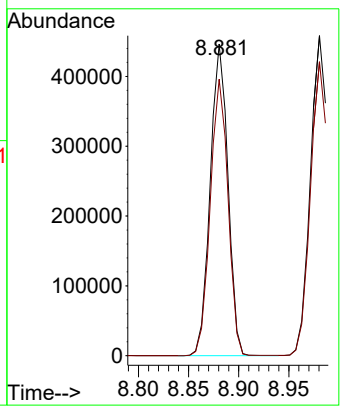


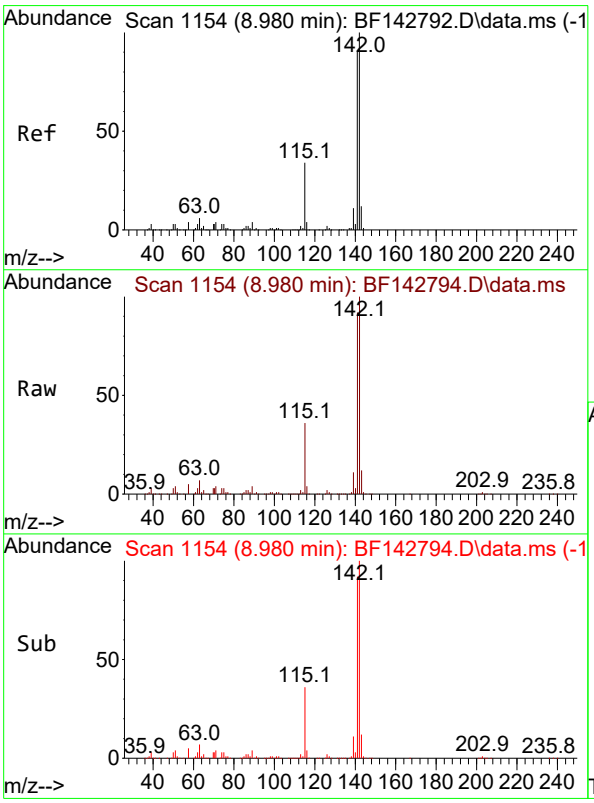
#37
2-Methylnaphthalene
Concen: 56.406 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 548439

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3

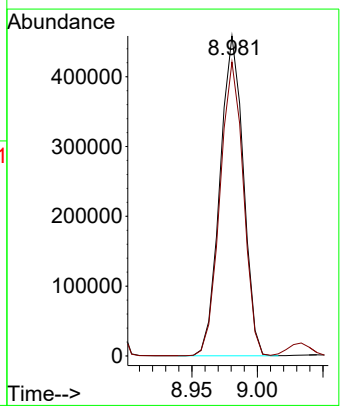


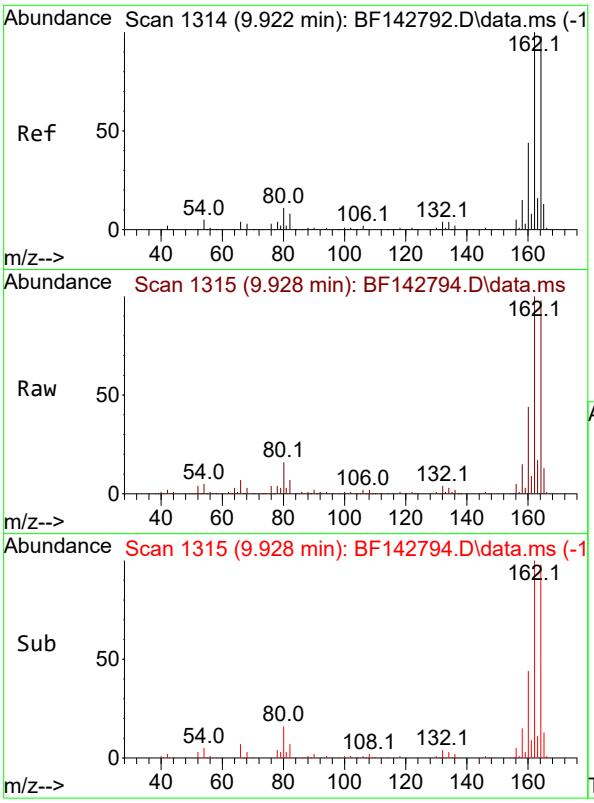


#38
1-Methylnaphthalene
Concen: 56.247 ng
RT: 8.980 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

Tgt Ion:142 Resp: 567801

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.0	109.4



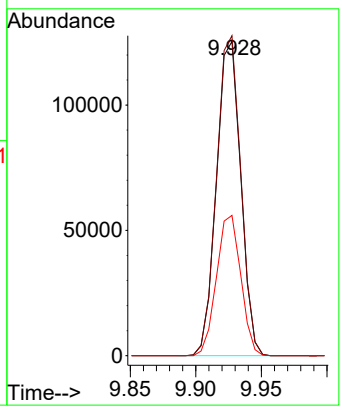


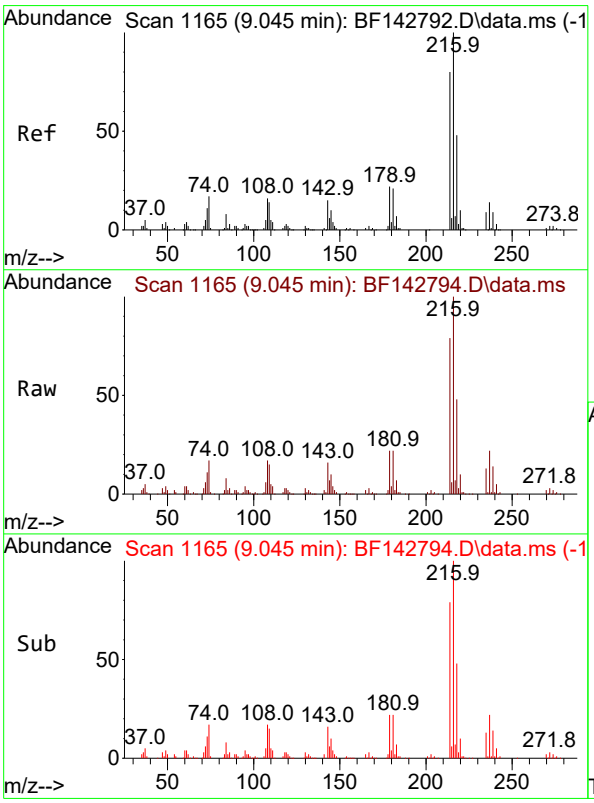
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

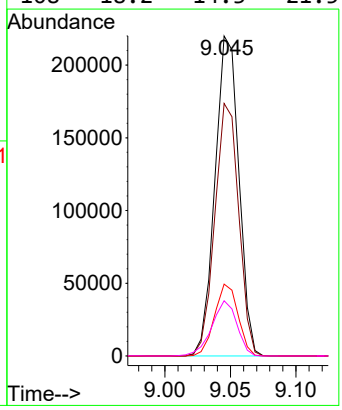


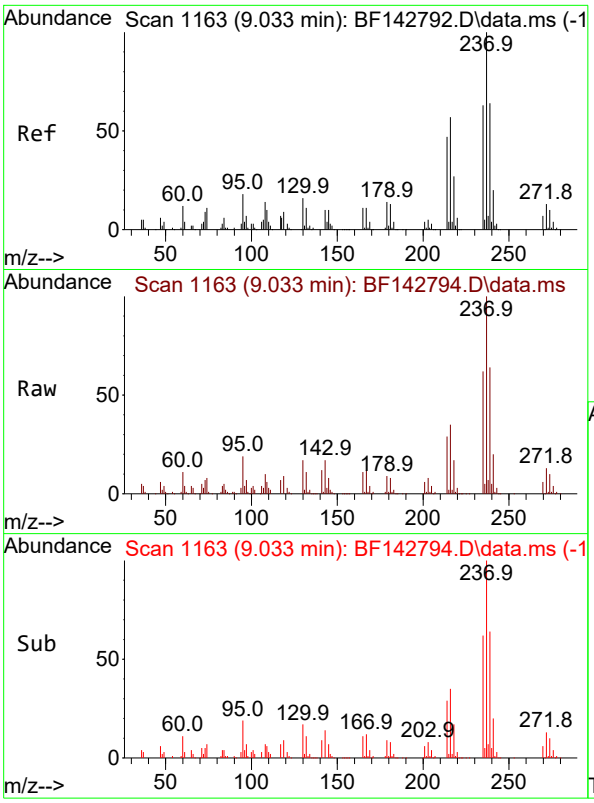


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.918 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



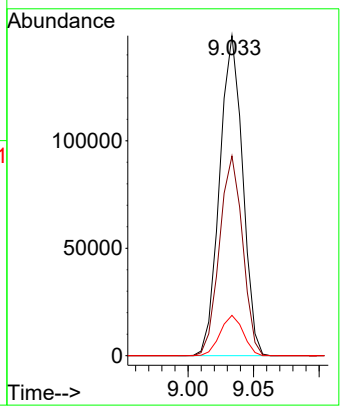


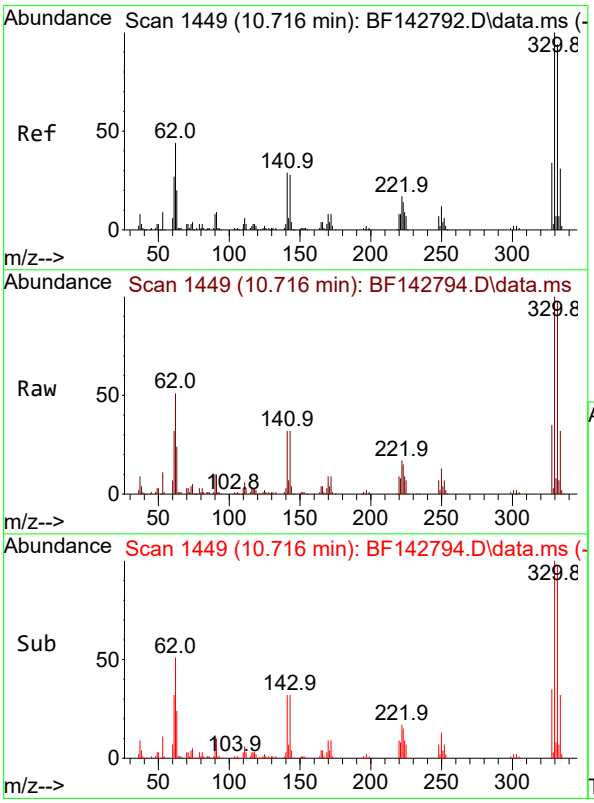
#41
Hexachlorocyclopentadiene
Concen: 61.835 ng
RT: 9.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

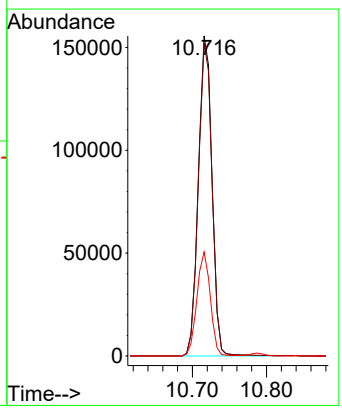


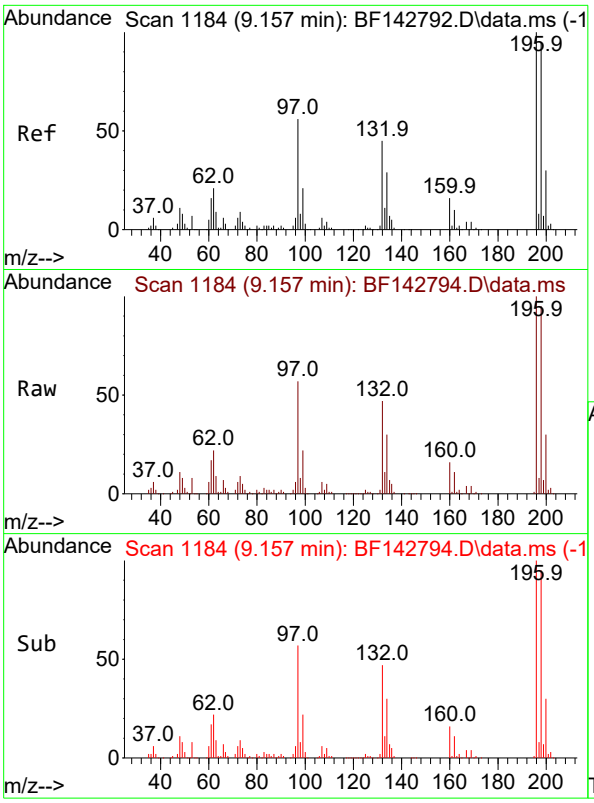


#42
2,4,6-Tribromophenol
Concen: 113.541 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



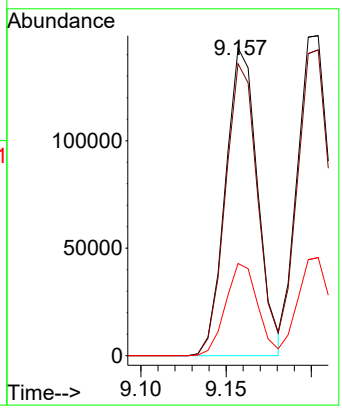


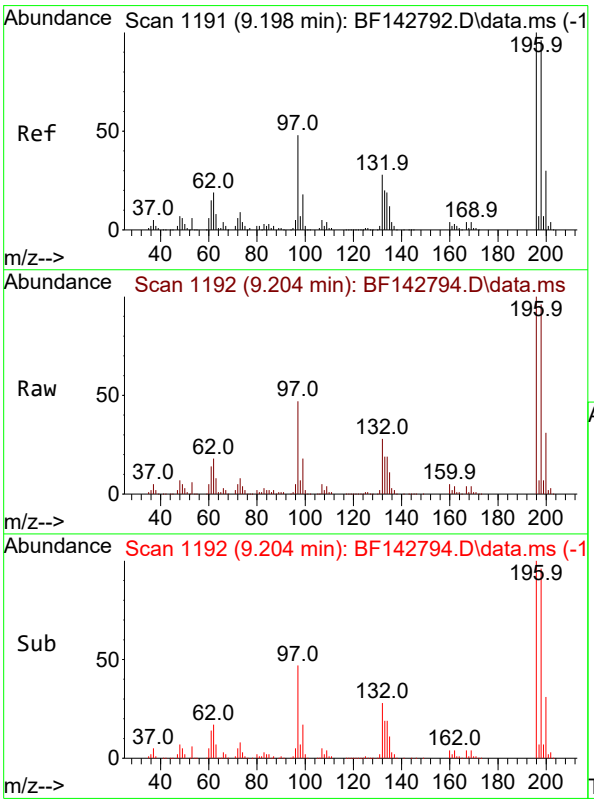
#43
2,4,6-Trichlorophenol
Concen: 62.392 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

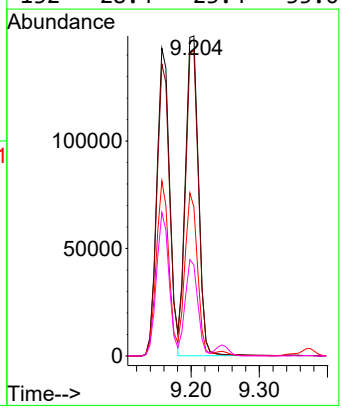


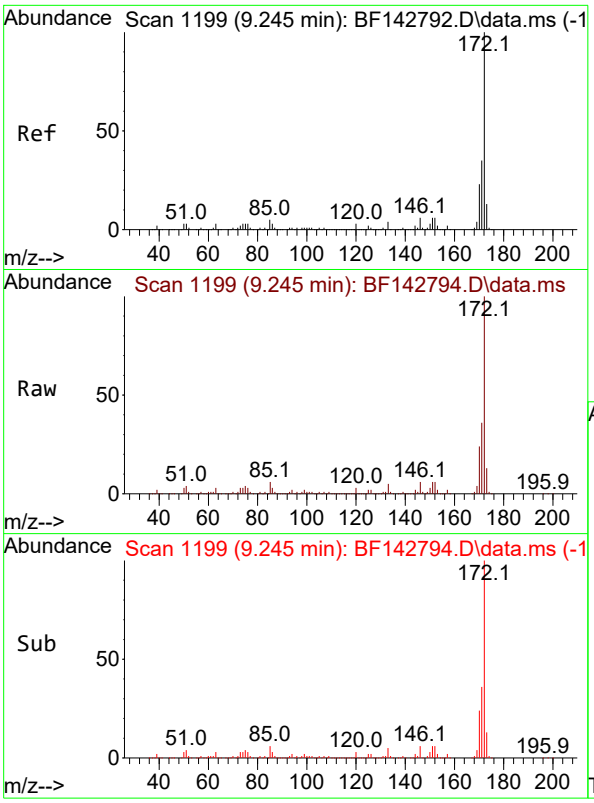


#44
2,4,5-Trichlorophenol
Concen: 60.565 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



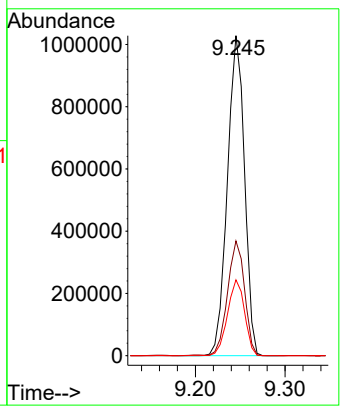


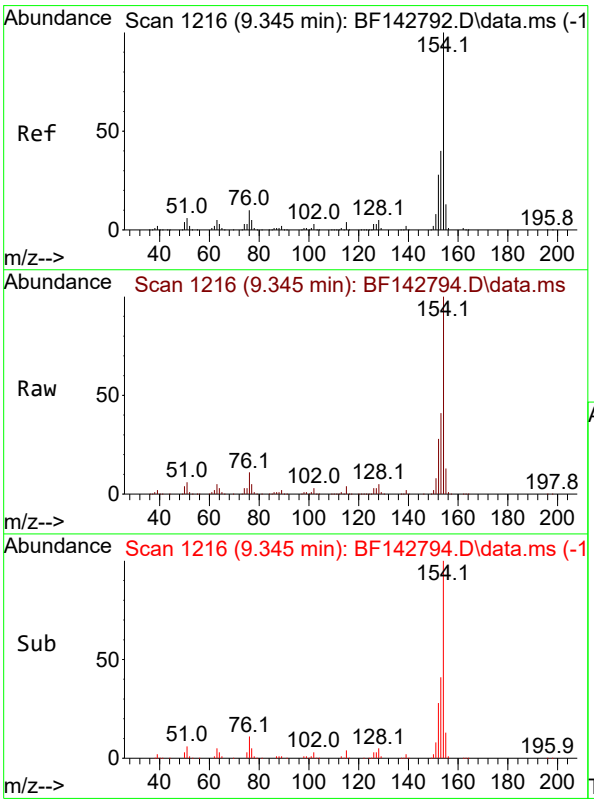
#45
2-Fluorobiphenyl
Concen: 112.392 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

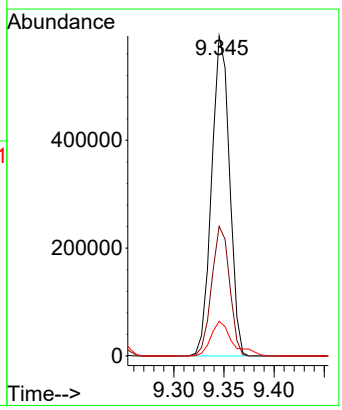


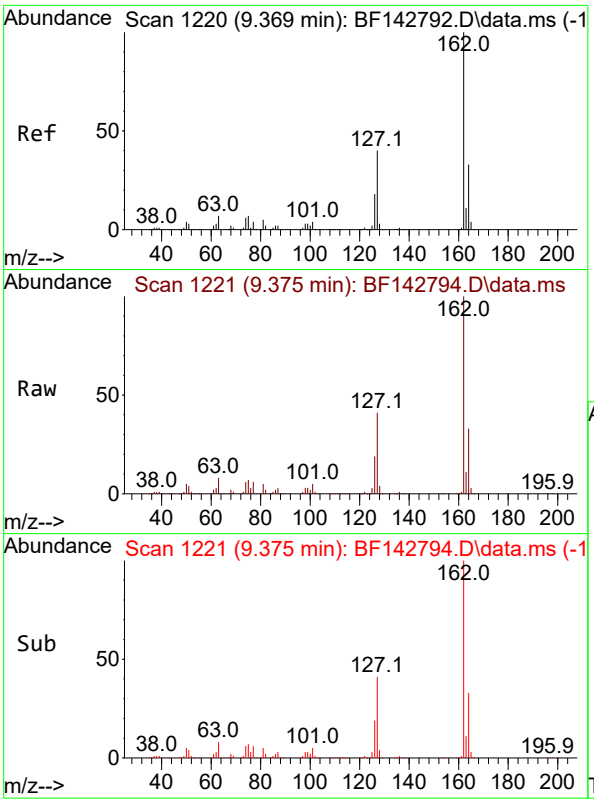


#46
1,1'-Biphenyl
Concen: 58.937 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



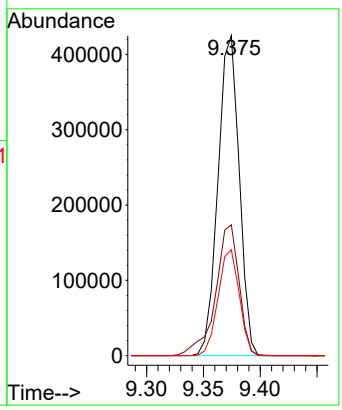


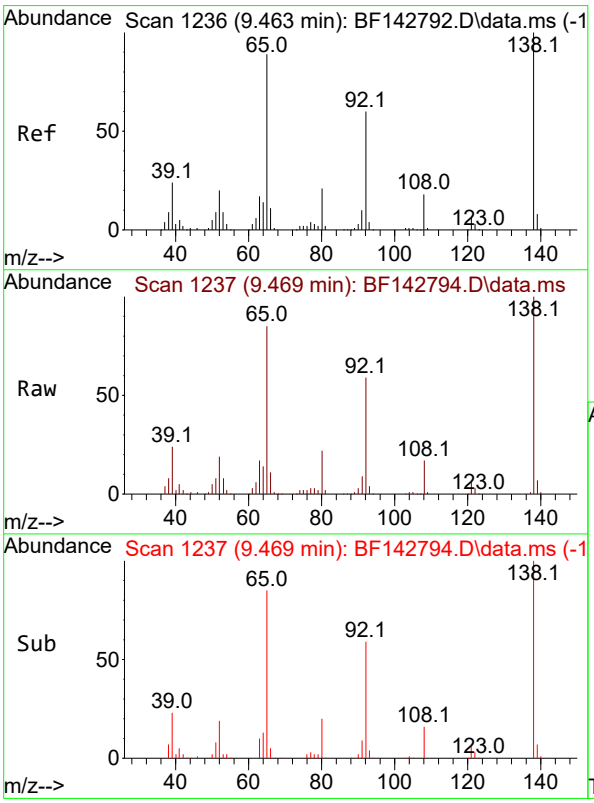
#47
2-Chloronaphthalene
Concen: 59.966 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

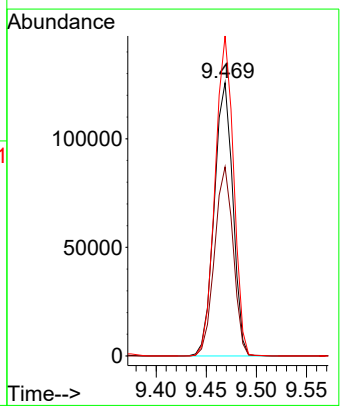


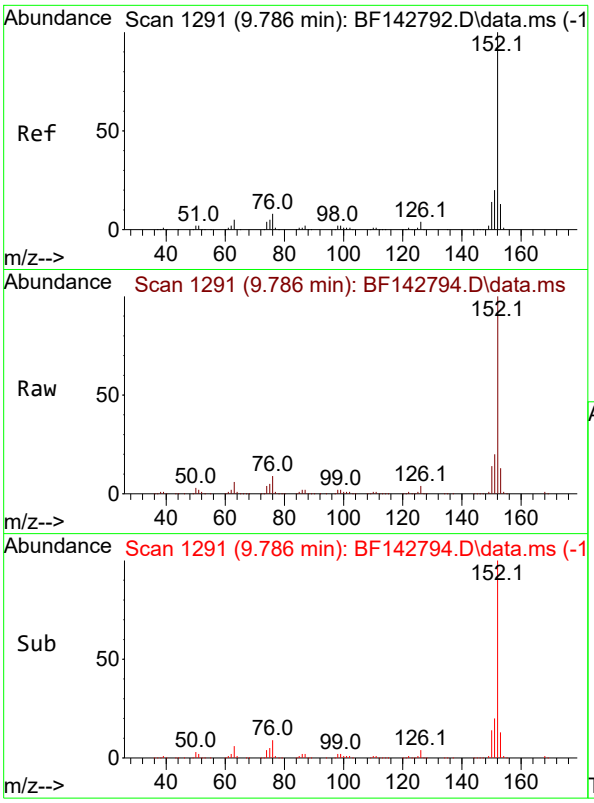


#48
2-Nitroaniline
Concen: 62.067 ng
RT: 9.469 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



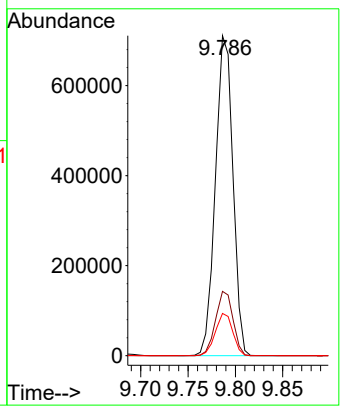


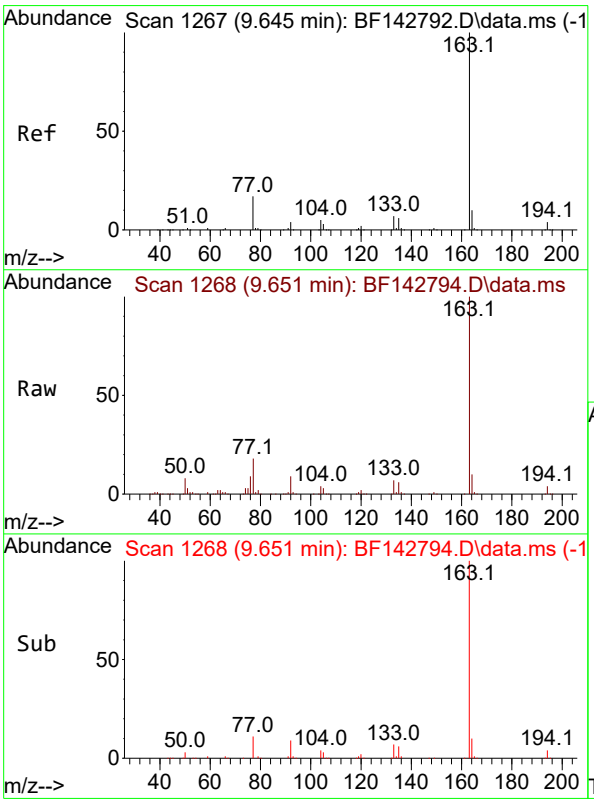
#49
Acenaphthylene
Concen: 58.892 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

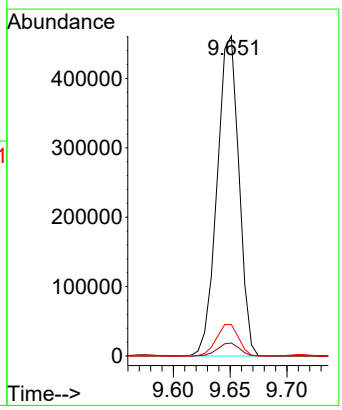


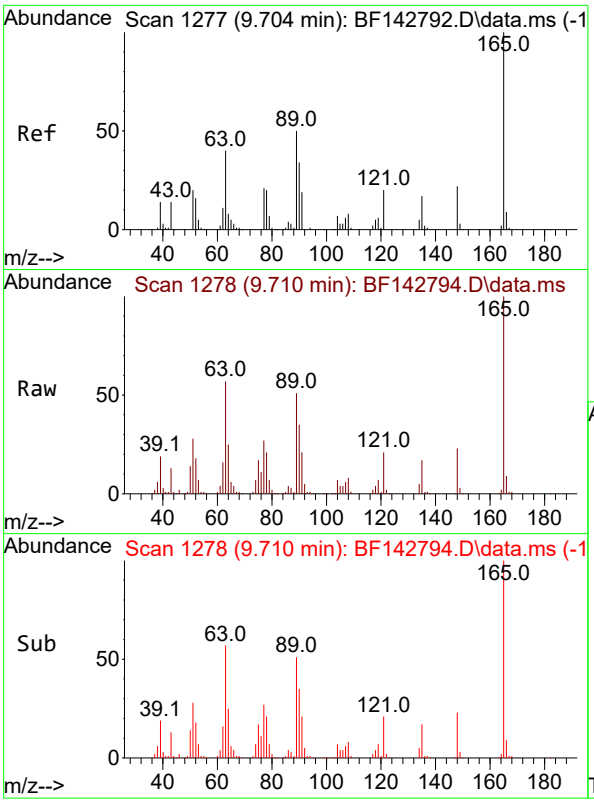


#50
Dimethylphthalate
Concen: 57.767 ng
RT: 9.651 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



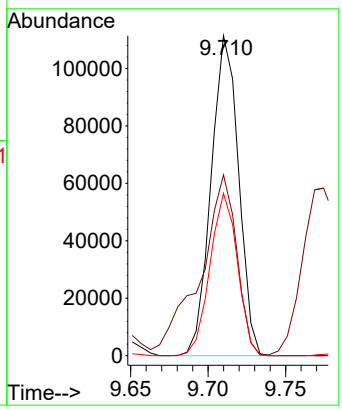


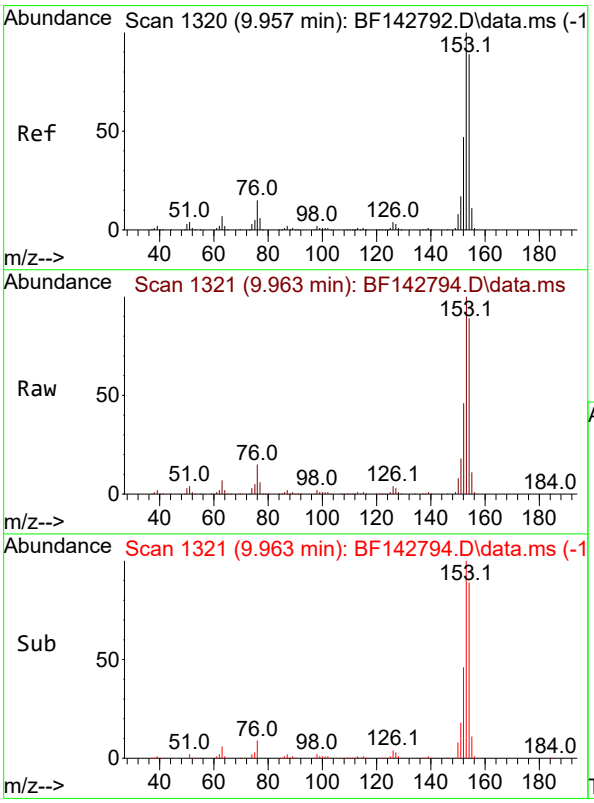
#51
2,6-Dinitrotoluene
Concen: 59.299 ng
RT: 9.710 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

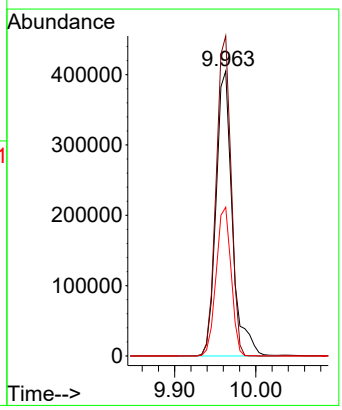


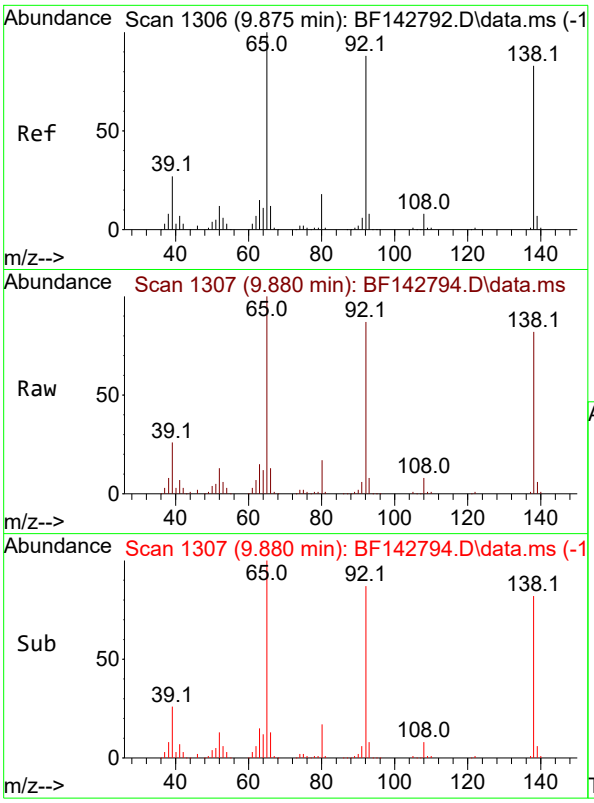


#52
Acenaphthene
Concen: 58.980 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



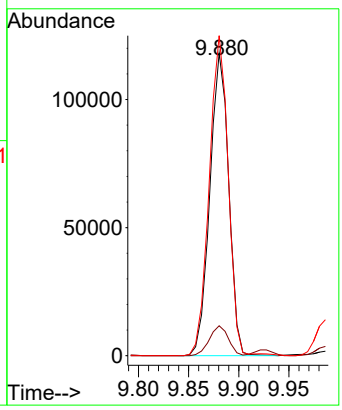


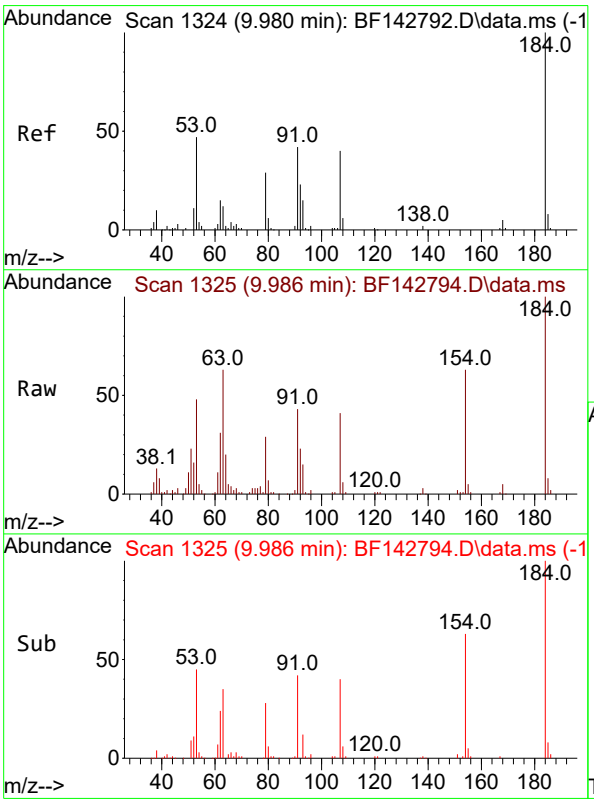
#53
3-Nitroaniline
Concen: 61.386 ng
RT: 9.880 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

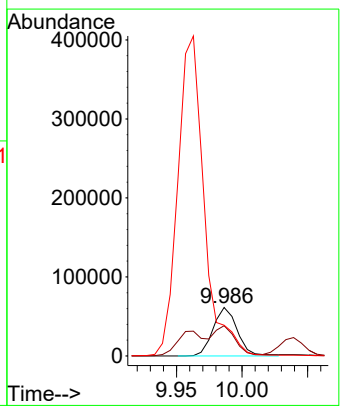


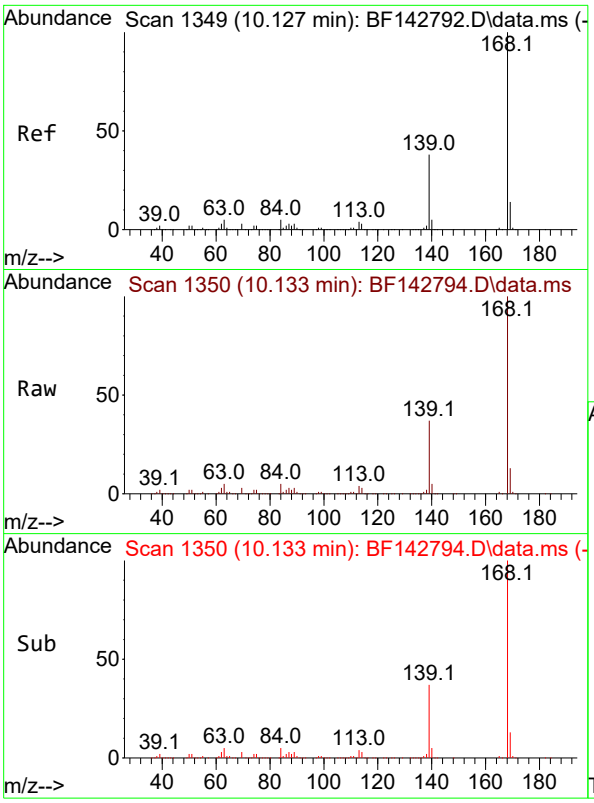


#54
2,4-Dinitrophenol
Concen: 62.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



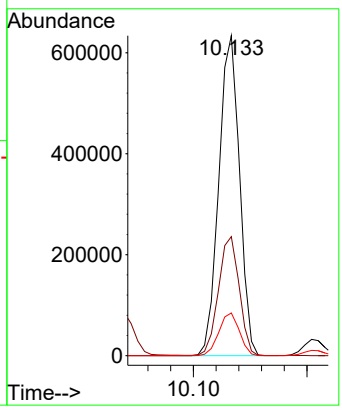


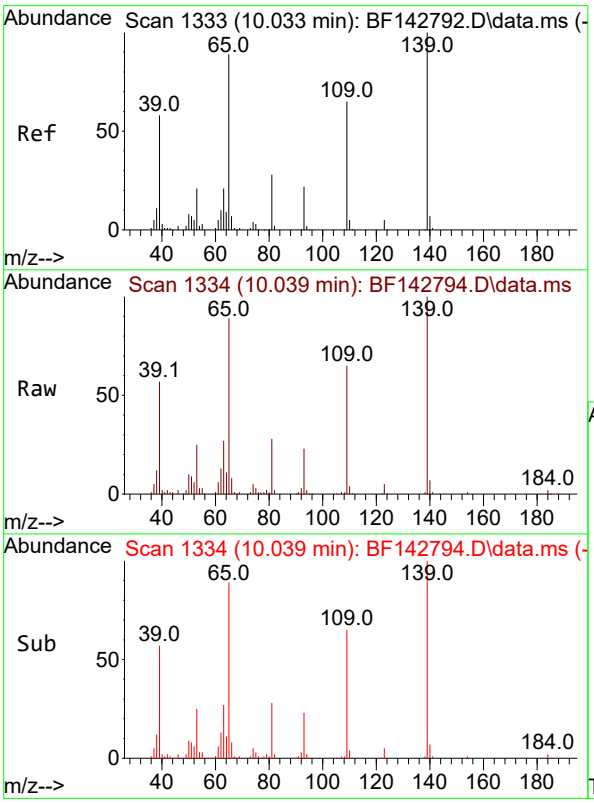
#55
Dibenzofuran
Concen: 58.567 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

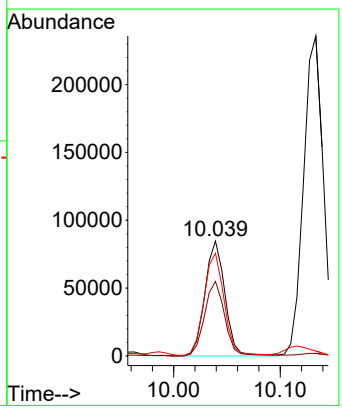


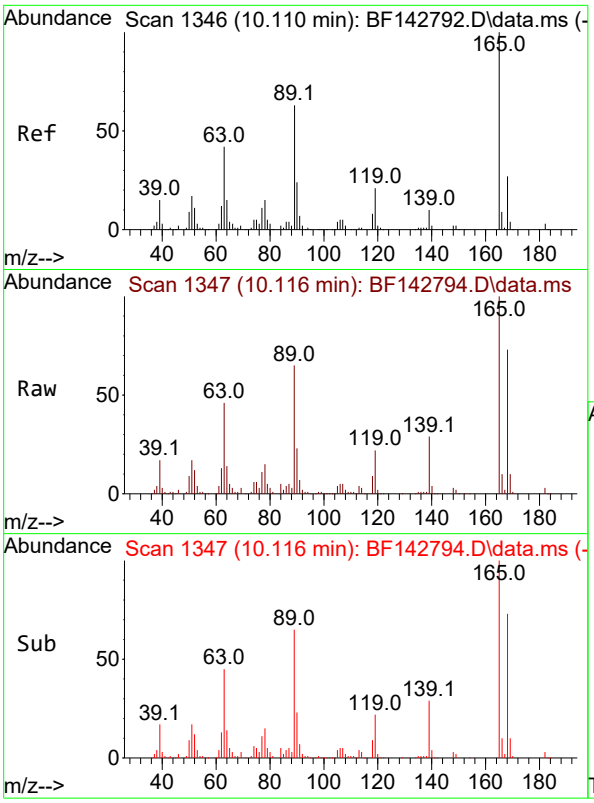


#56
4-Nitrophenol
Concen: 64.811 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



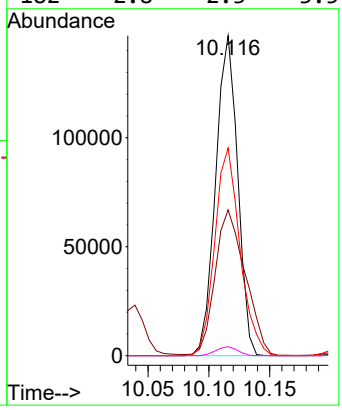


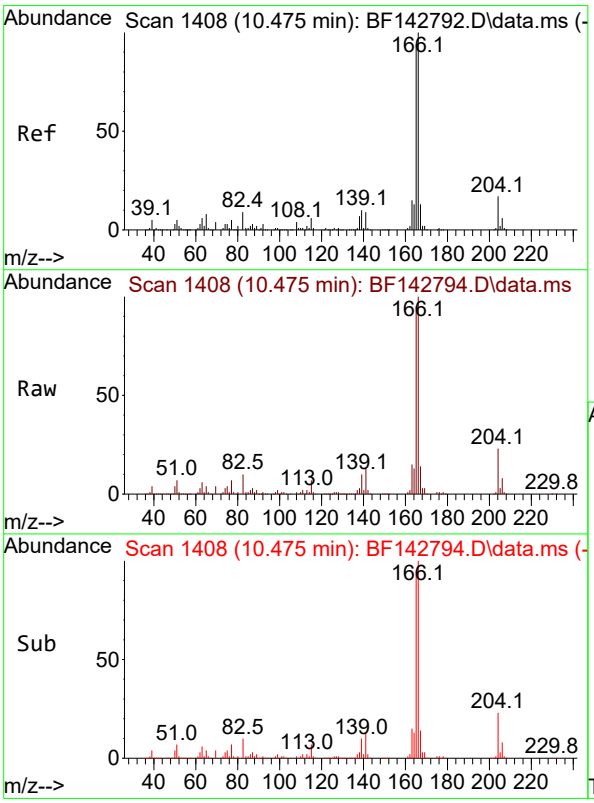
#57
2,4-Dinitrotoluene
Concen: 60.367 ng
RT: 10.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

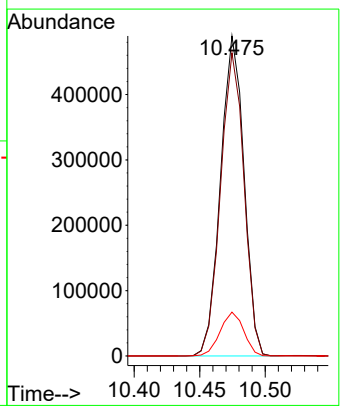


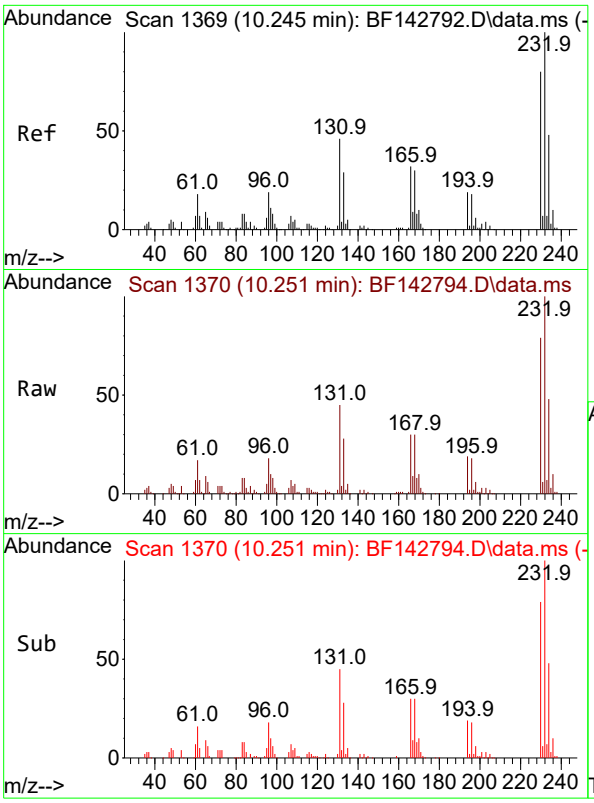


#58
Fluorene
Concen: 56.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



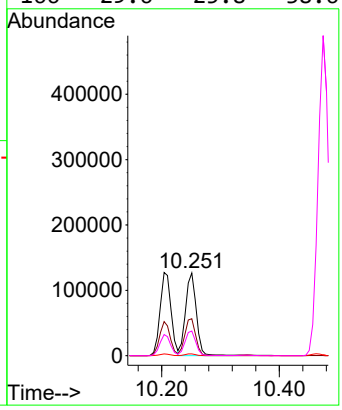


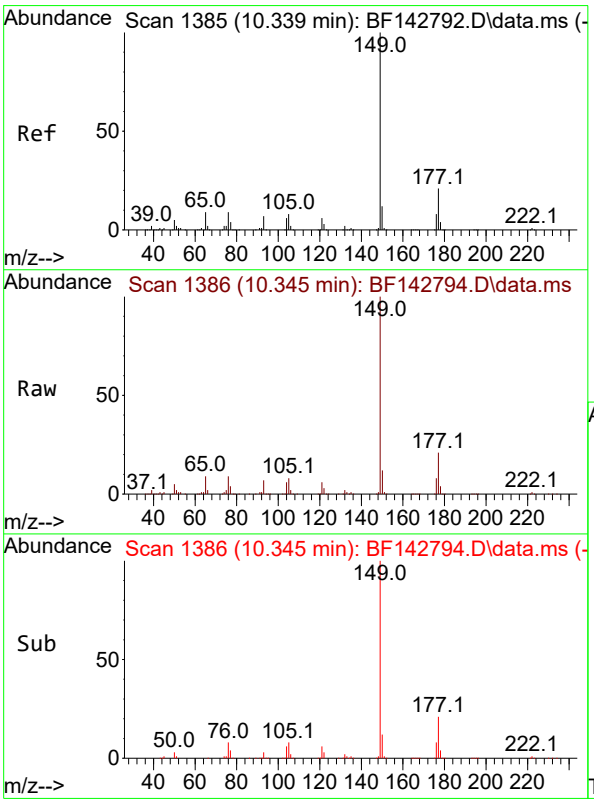
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.739 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

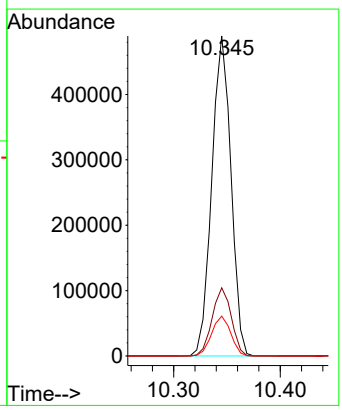


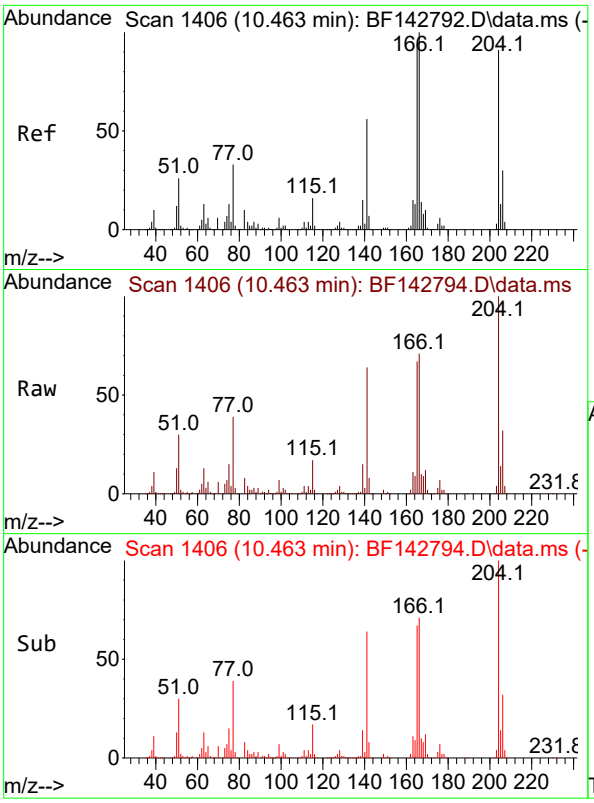


#60
Diethylphthalate
Concen: 57.662 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



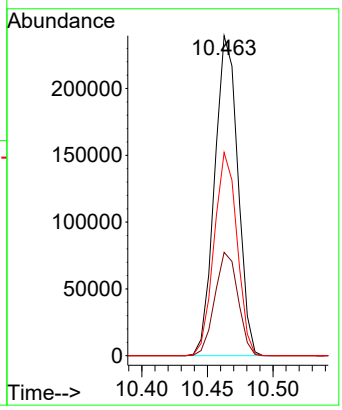


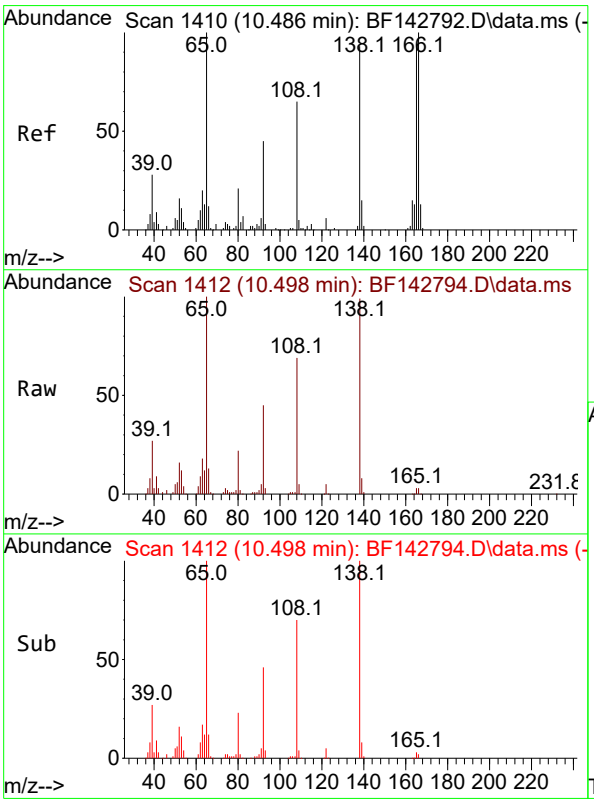
#61
4-Chlorophenyl-phenylether
Concen: 56.089 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

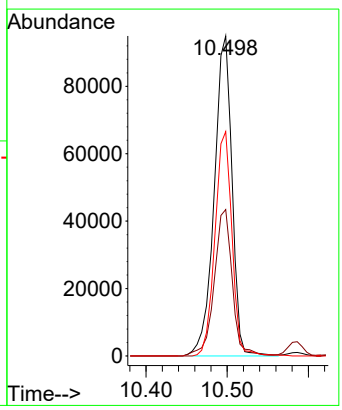


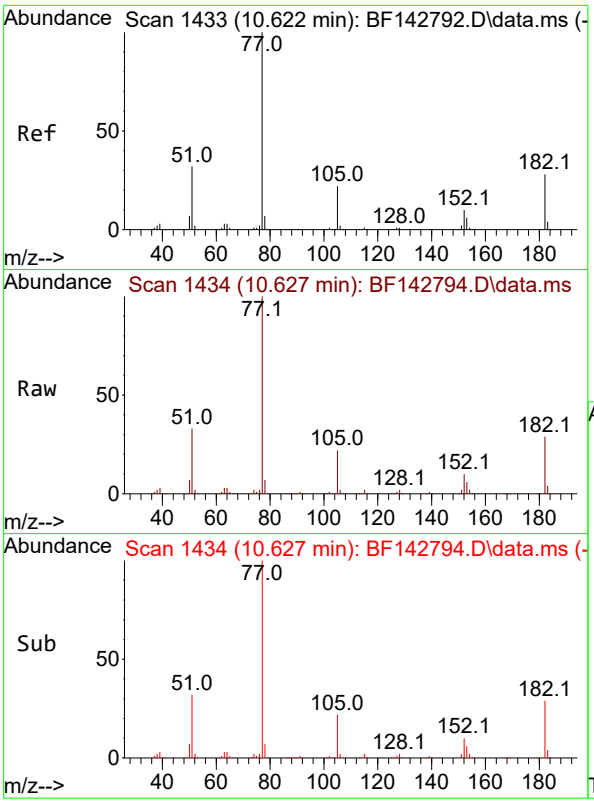


#62
4-Nitroaniline
Concen: 64.135 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



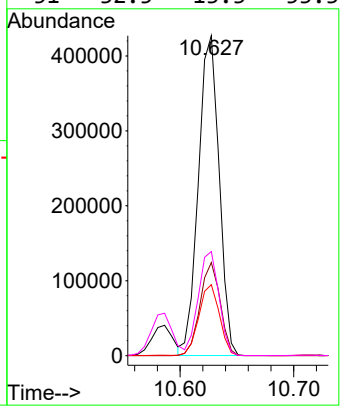


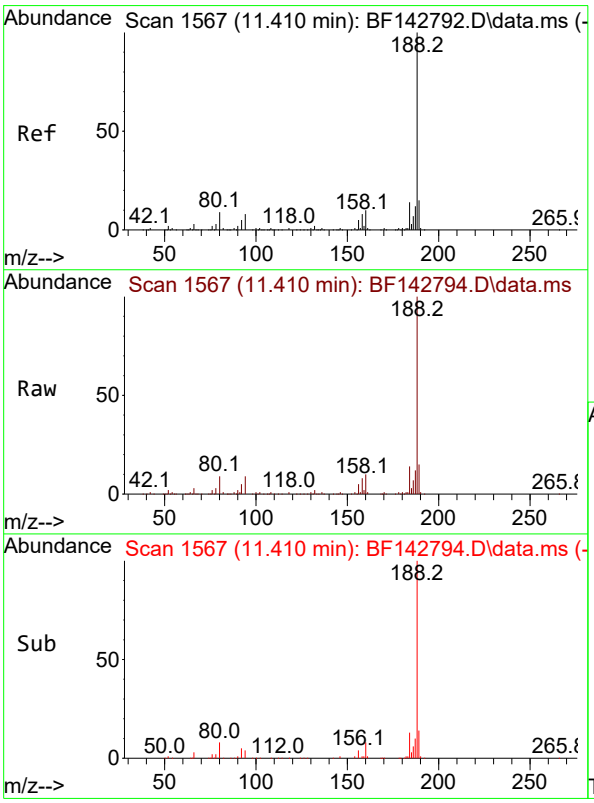
#63
Azobenzene
Concen: 58.460 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

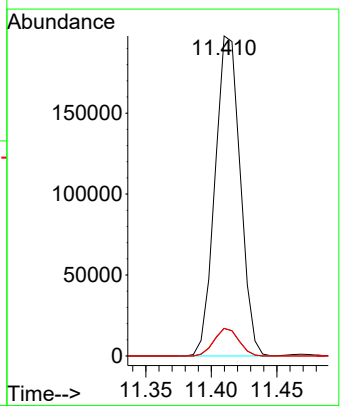


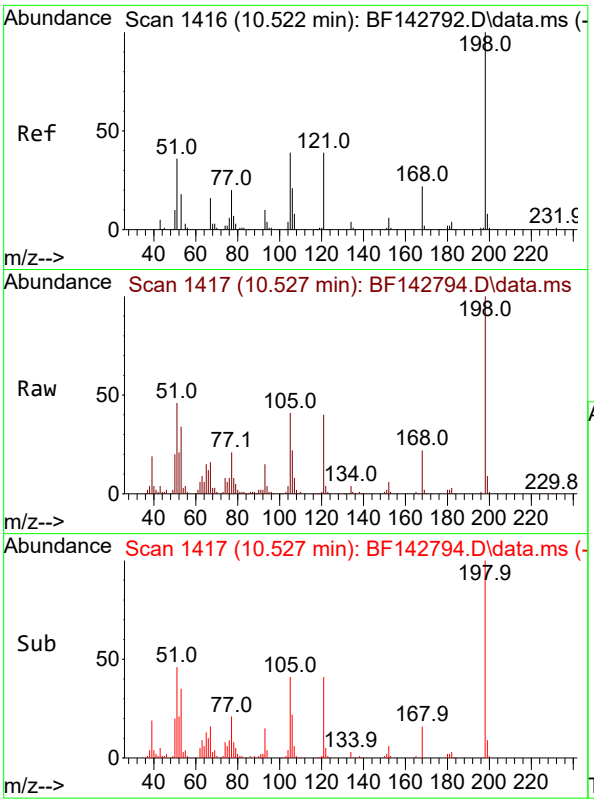


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



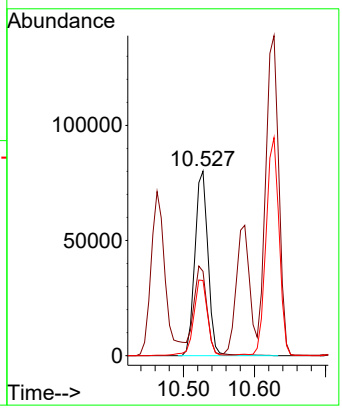


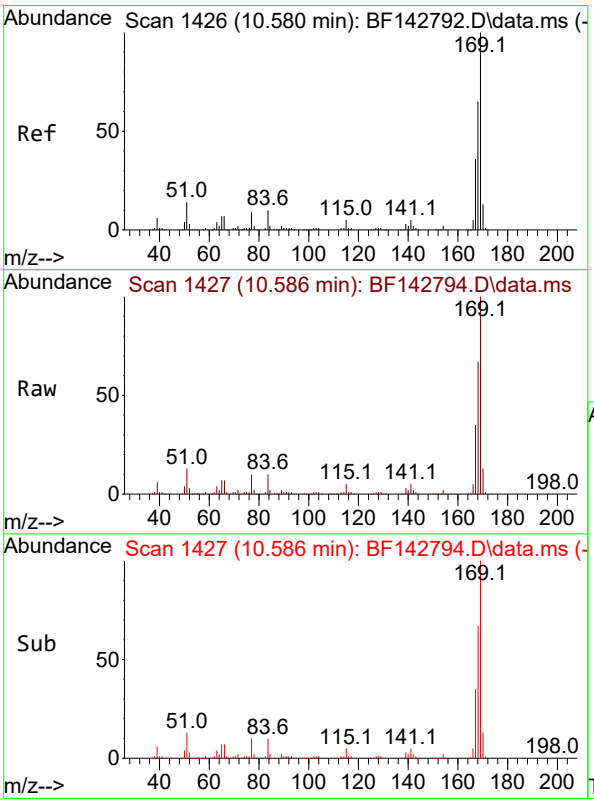
#65
4,6-Dinitro-2-methylphenol
Concen: 62.814 ng
RT: 10.527 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

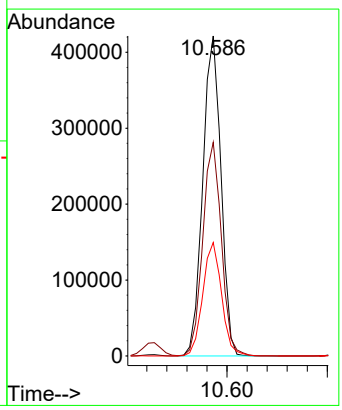


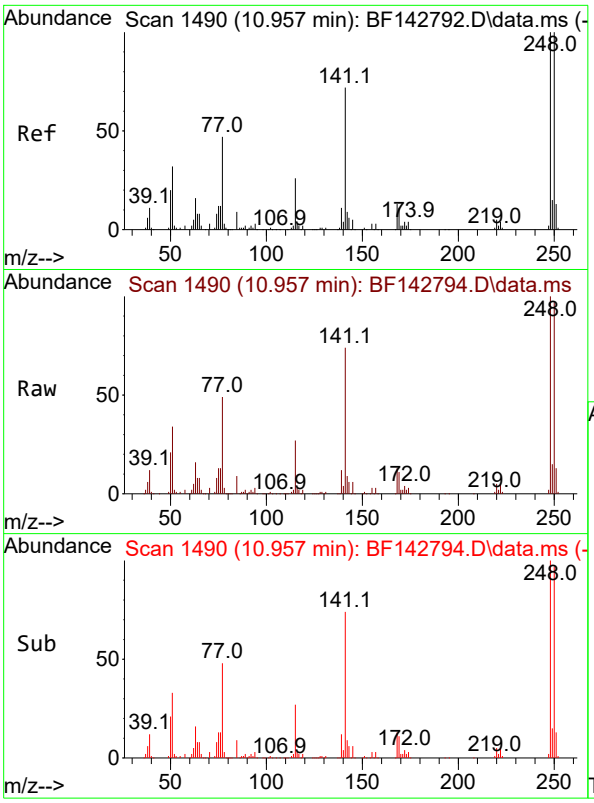


#66
n-Nitrosodiphenylamine
Concen: 58.540 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



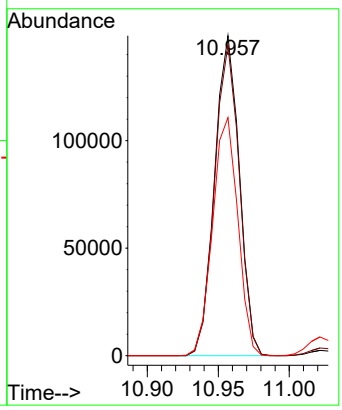


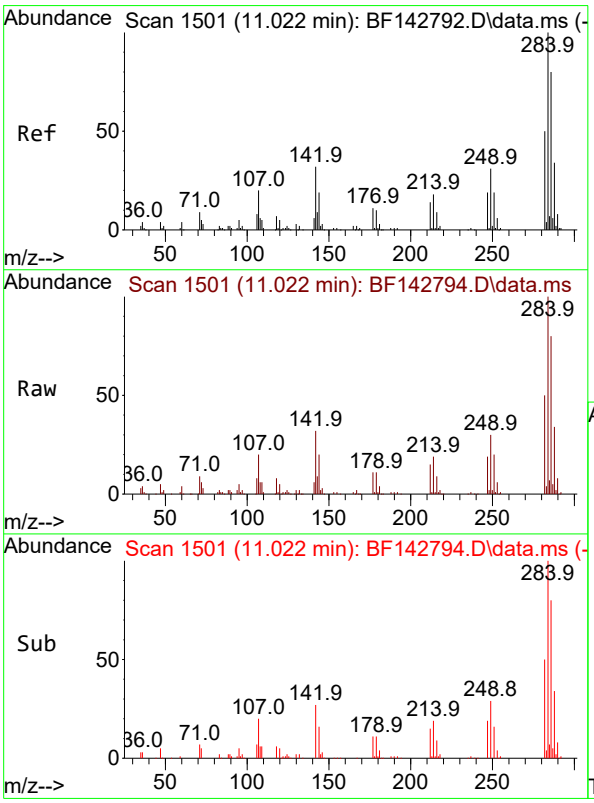
#67
4-Bromophenyl-phenylether
Concen: 58.311 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

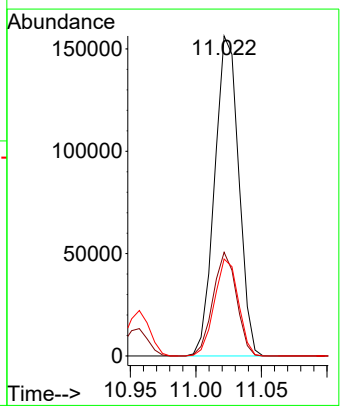


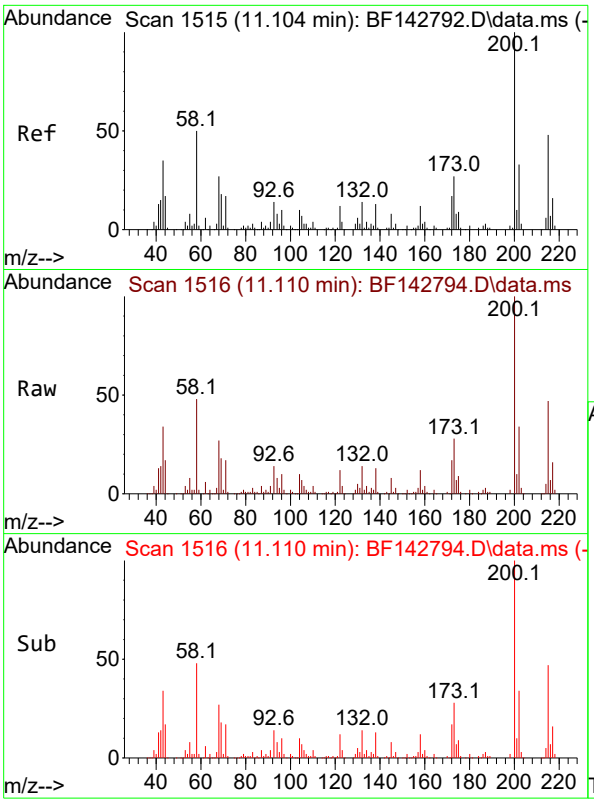


#68
Hexachlorobenzene
Concen: 58.041 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



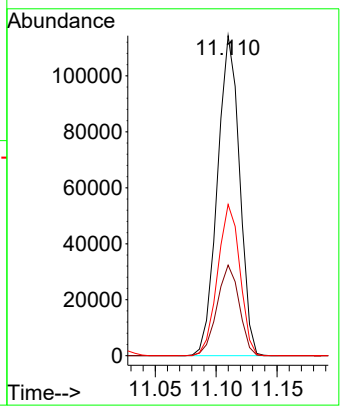


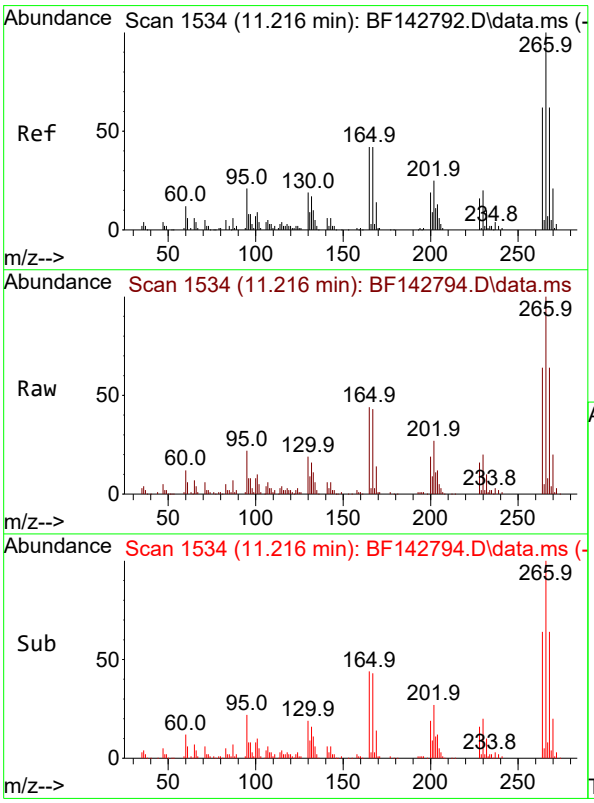
#69
Atrazine
Concen: 60.075 ng
RT: 11.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

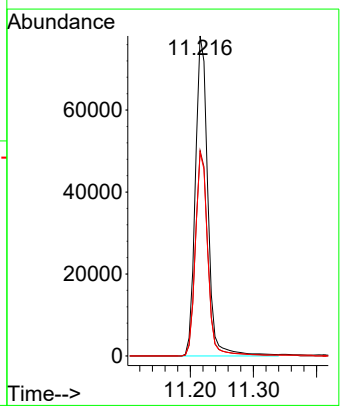


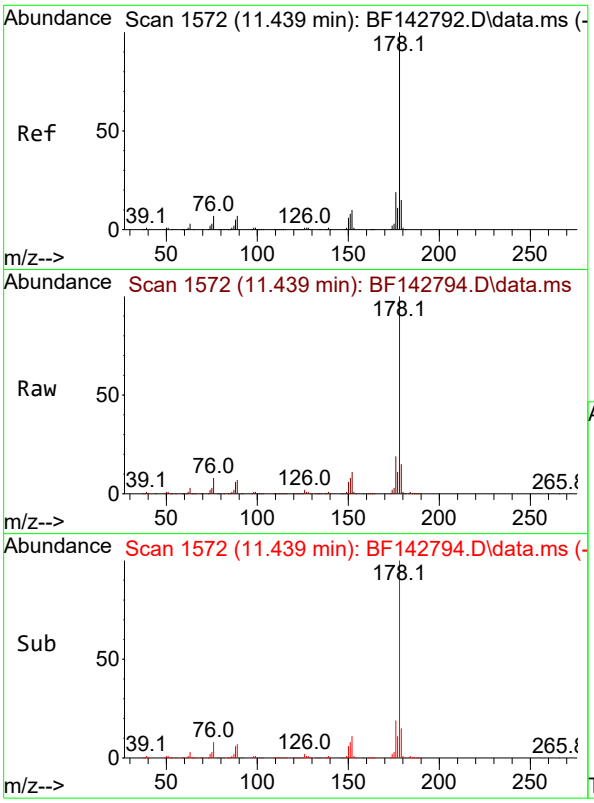


#70
Pentachlorophenol
Concen: 60.023 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



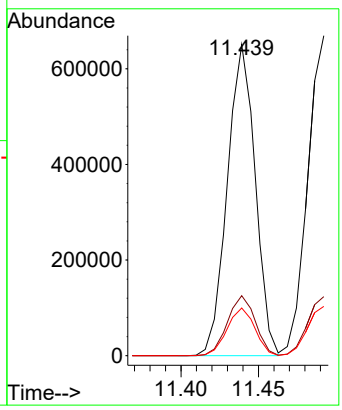


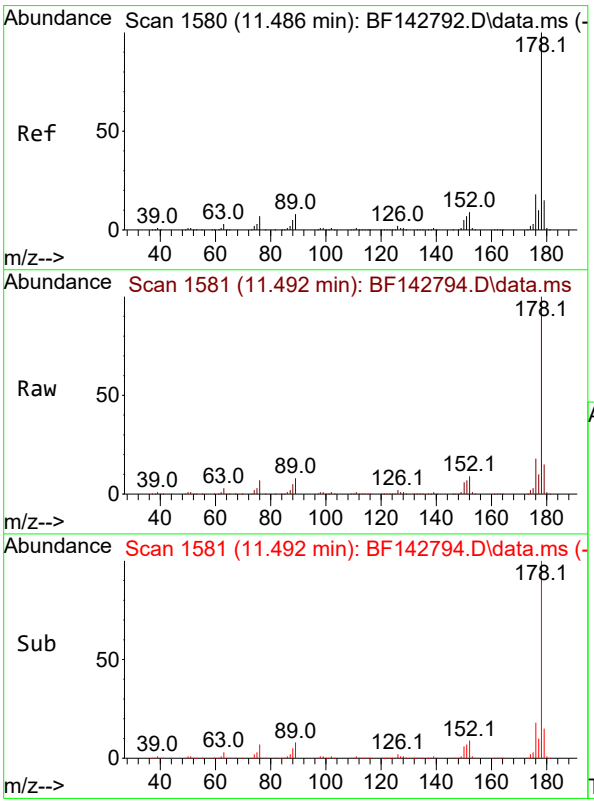
#71
Phenanthrene
Concen: 57.611 ng
RT: 11.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

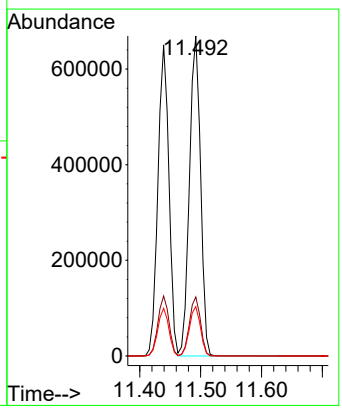


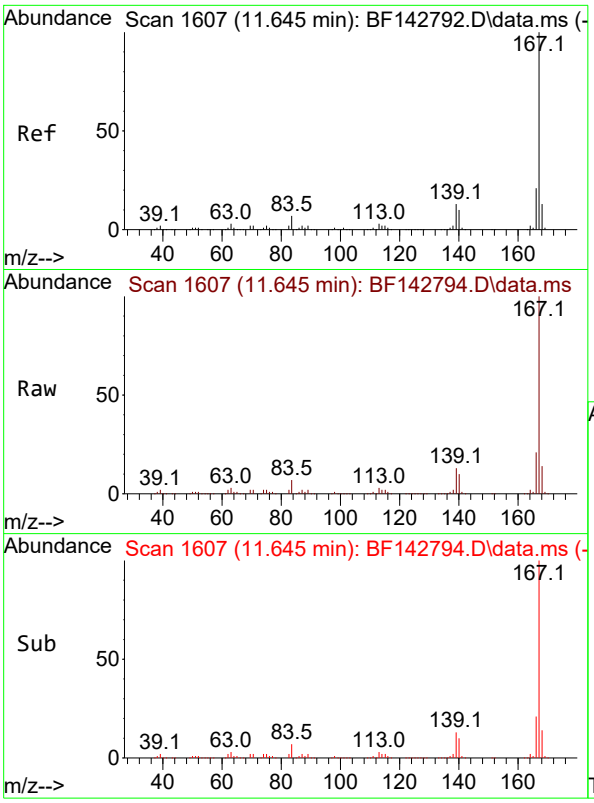


#72
Anthracene
Concen: 57.653 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



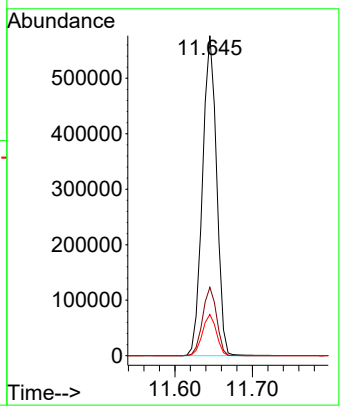


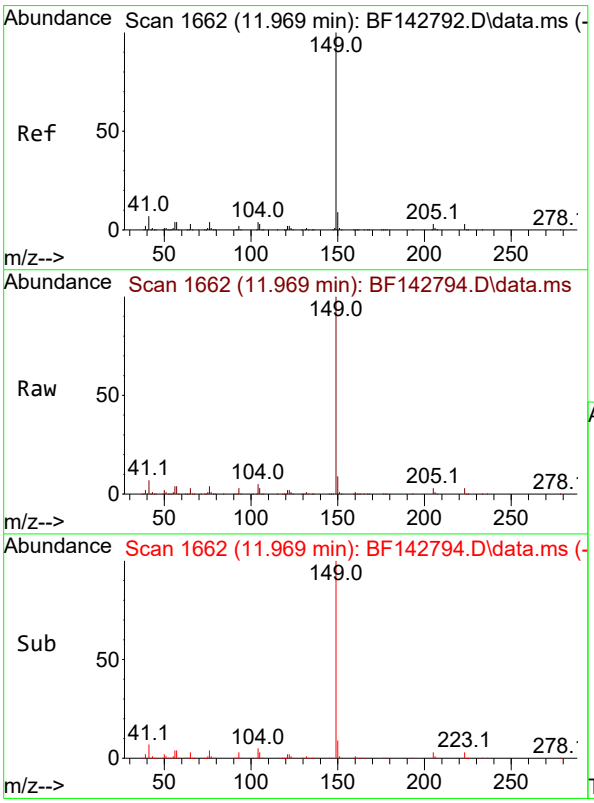
#73
Carbazole
Concen: 59.457 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

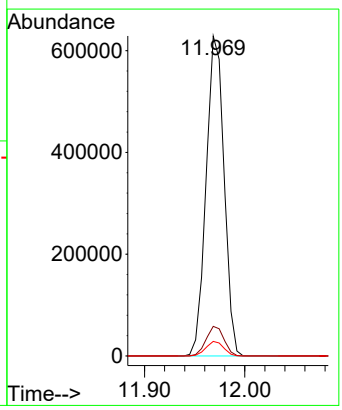


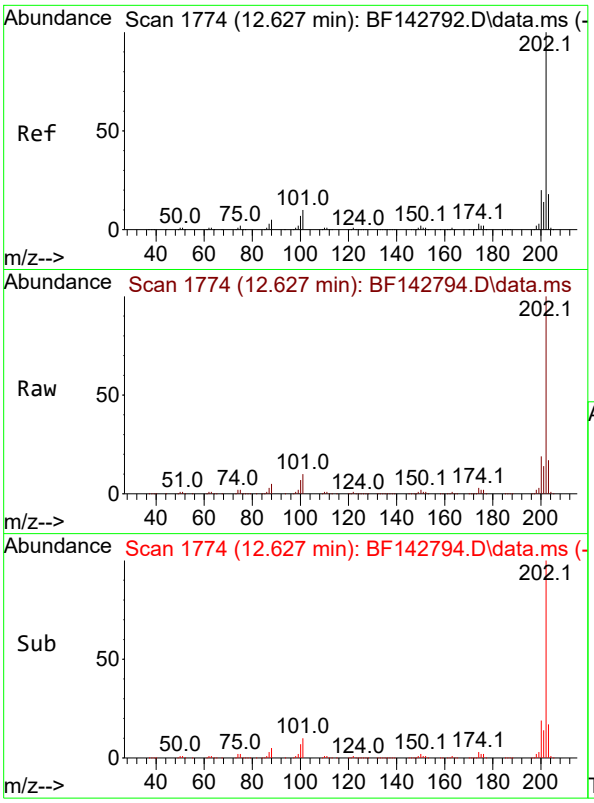


#74
Di-n-butylphthalate
Concen: 57.759 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



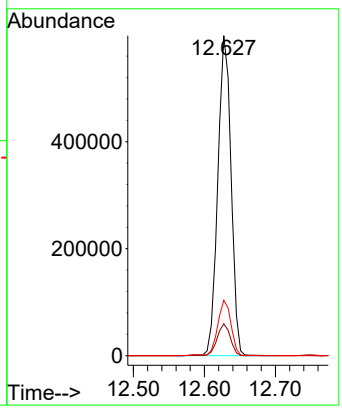


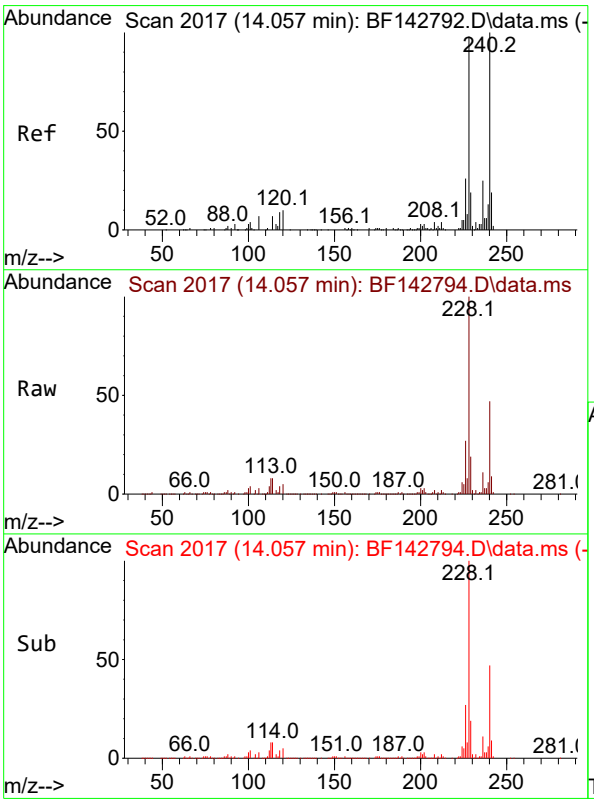
#75
Fluoranthene
Concen: 57.300 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

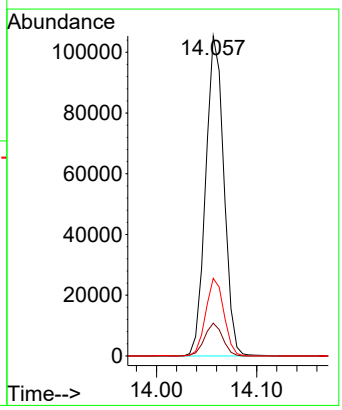


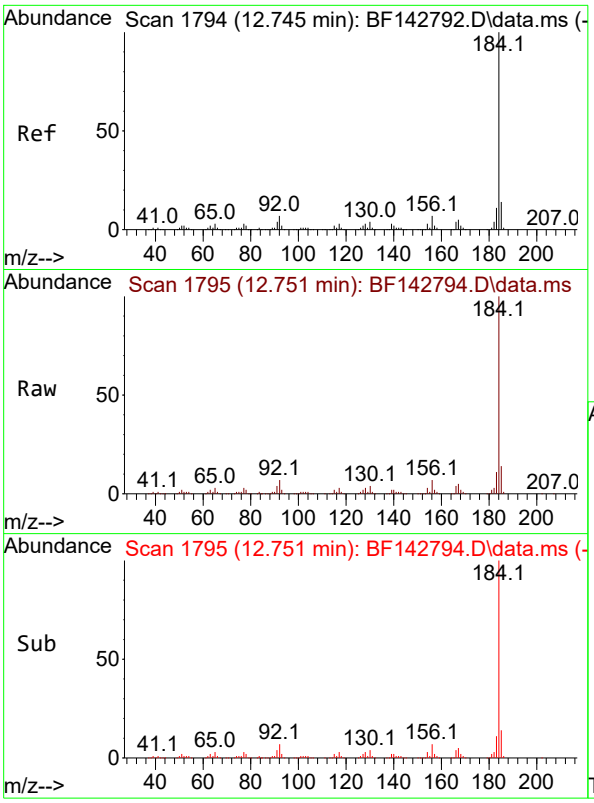


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



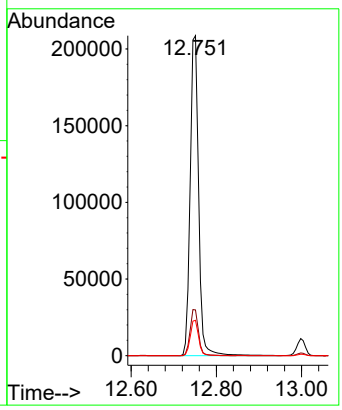


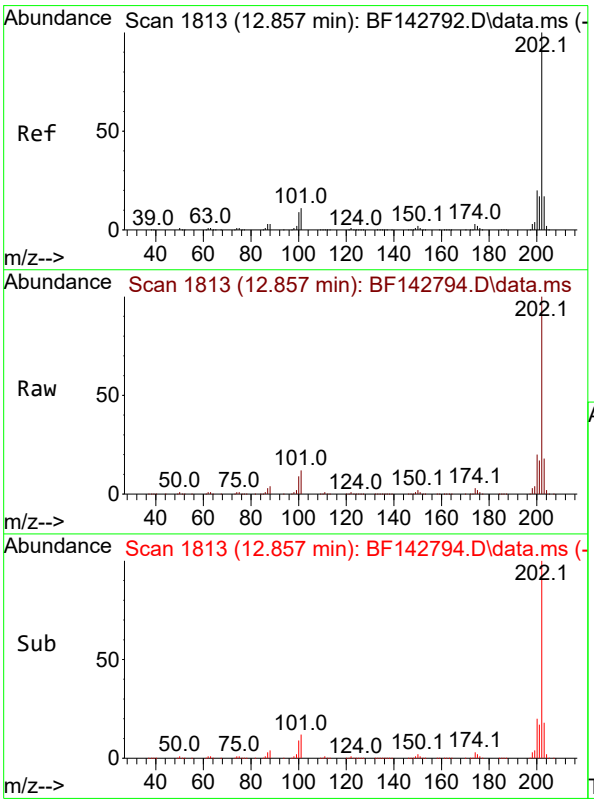
#77
Benzidine
Concen: 60.916 ng
RT: 12.751 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

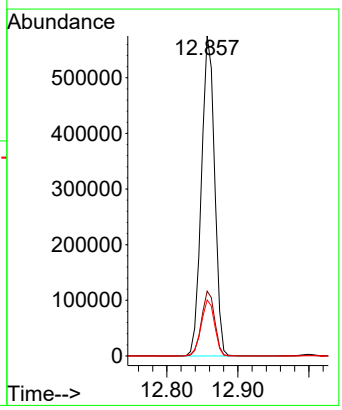


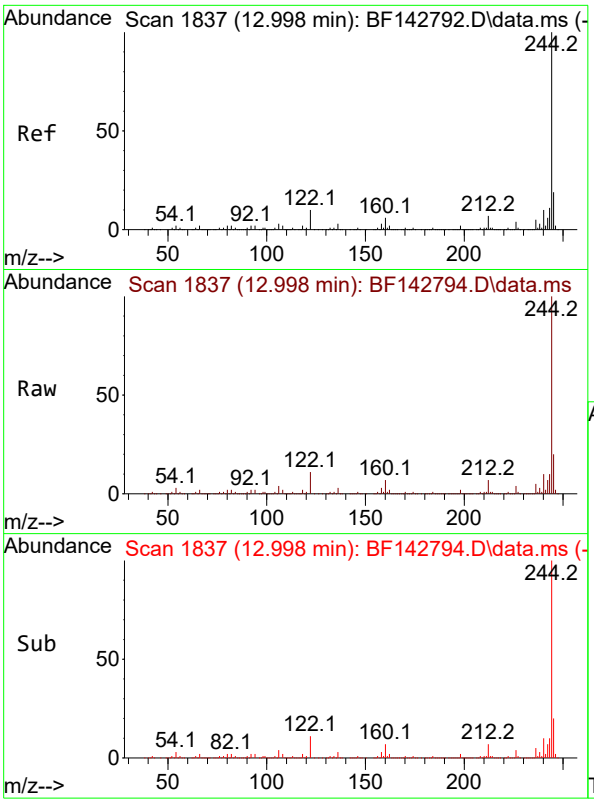


#78
Pyrene
Concen: 60.812 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



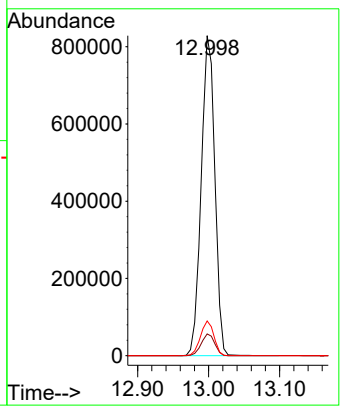


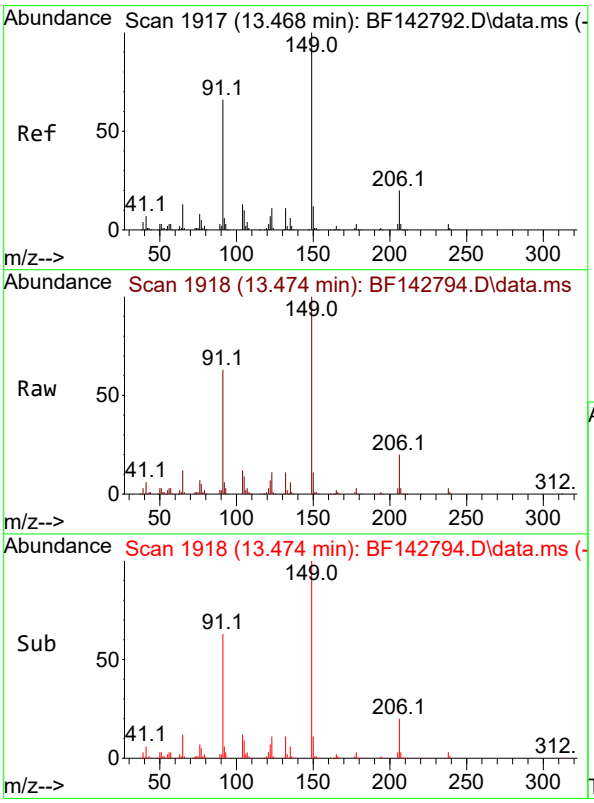
#79
Terphenyl-d14
Concen: 115.747 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

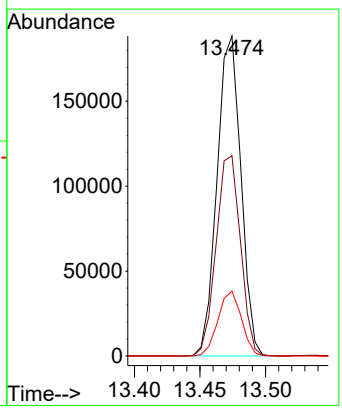


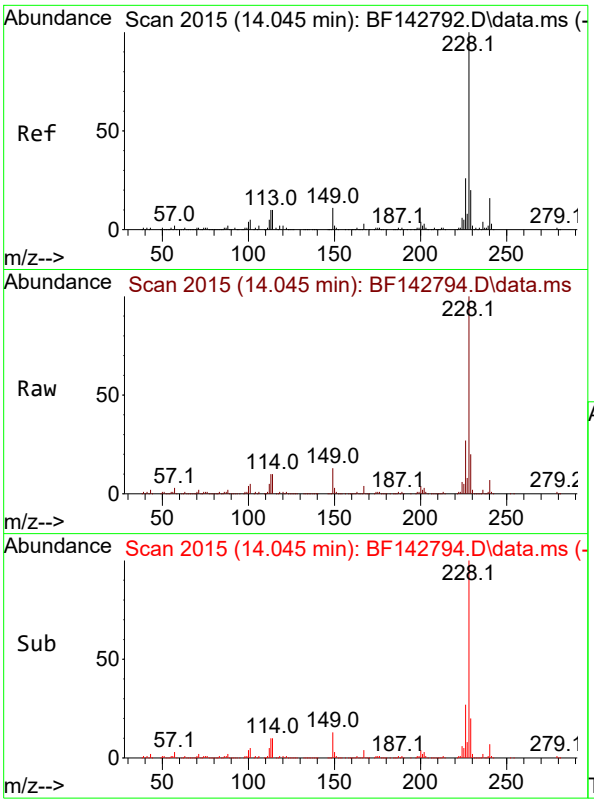


#80
Butylbenzylphthalate
Concen: 65.755 ng
RT: 13.474 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



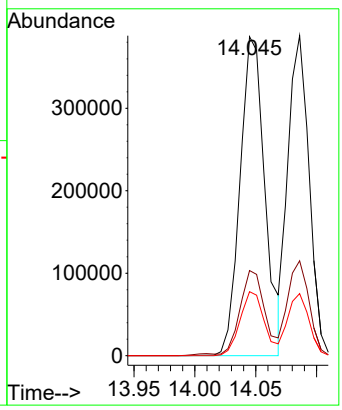


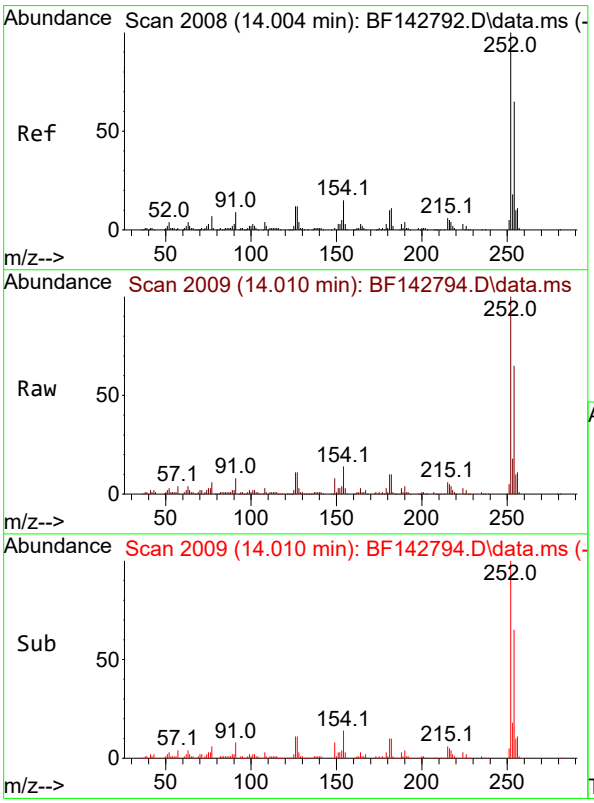
#81
Benzo(a)anthracene
Concen: 62.892 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

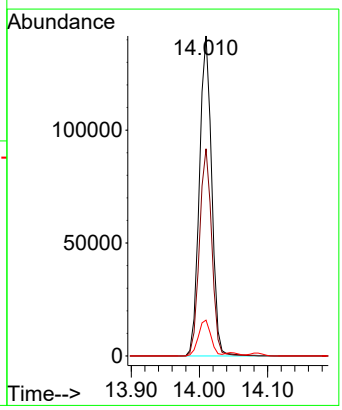


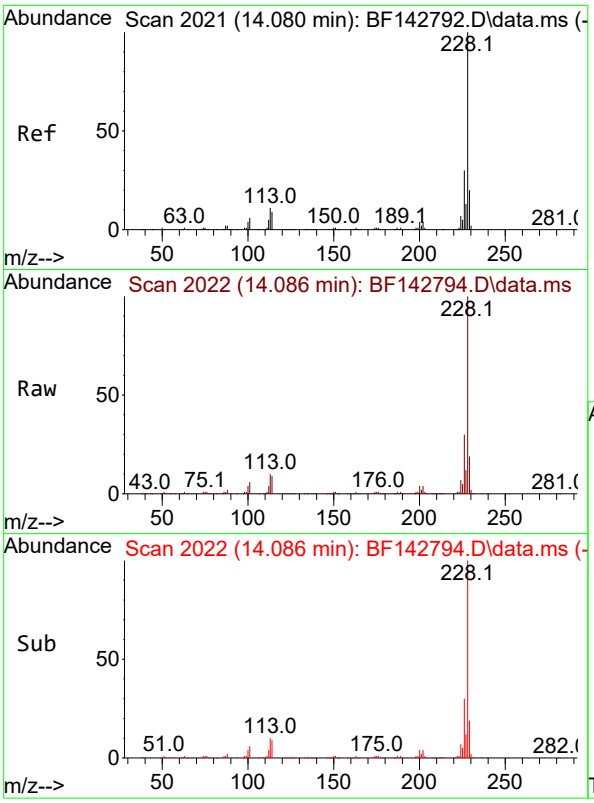


#82
3,3'-Dichlorobenzidine
Concen: 62.787 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



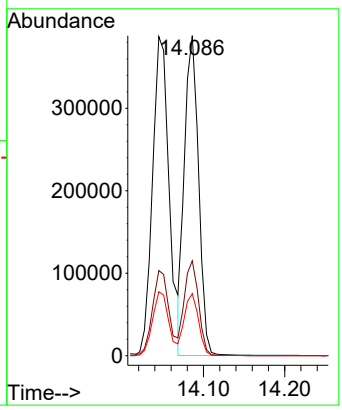


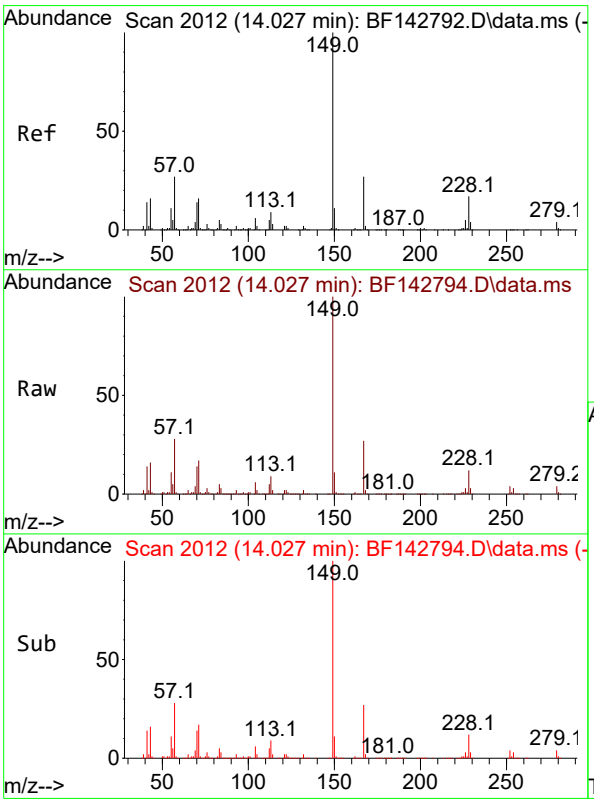
#83
Chrysene
Concen: 57.743 ng
RT: 14.086 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

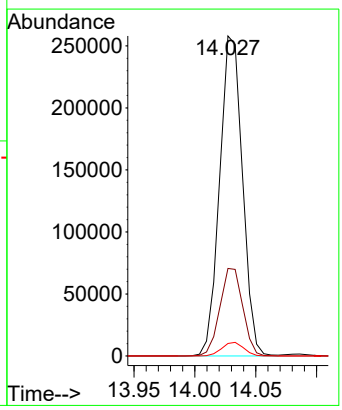


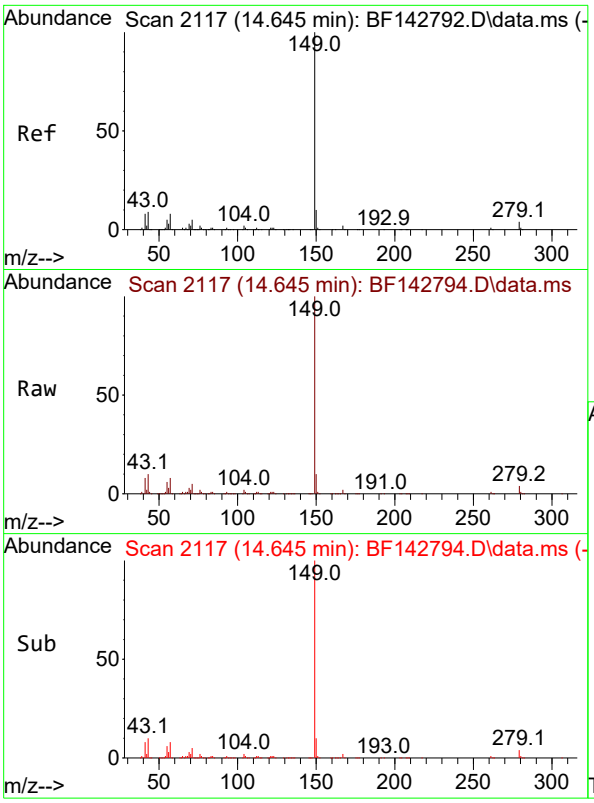


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.326 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



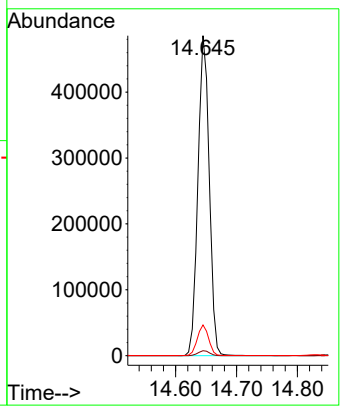


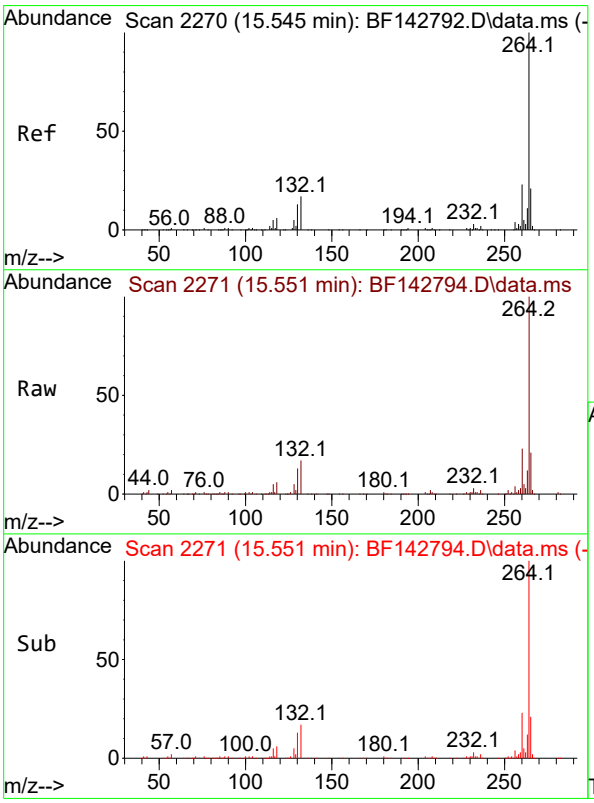
#85
Di-n-octyl phthalate
Concen: 60.871 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

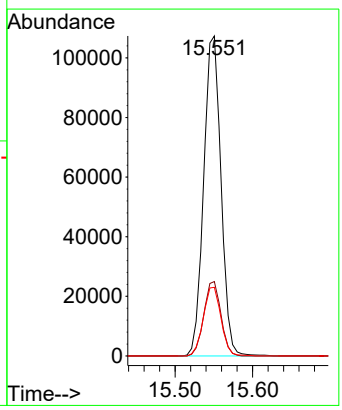


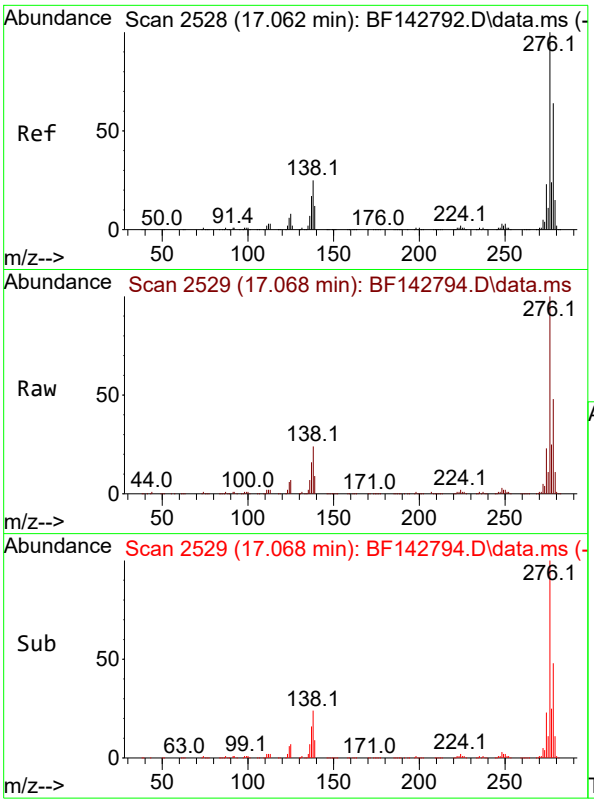


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



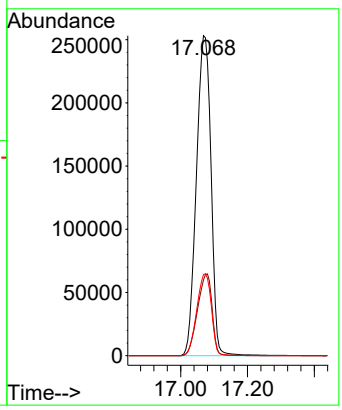


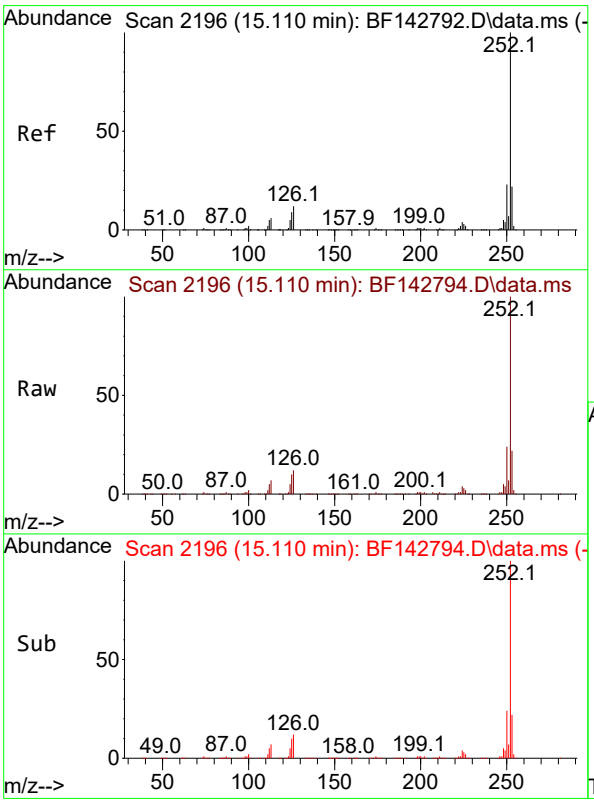
#87
Indeno(1,2,3-cd)pyrene
Concen: 62.432 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

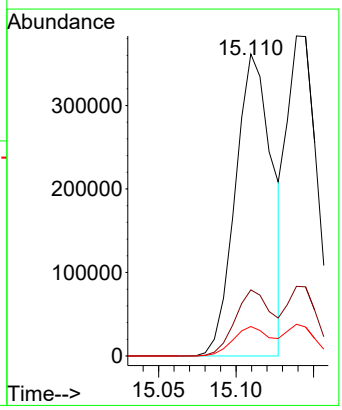


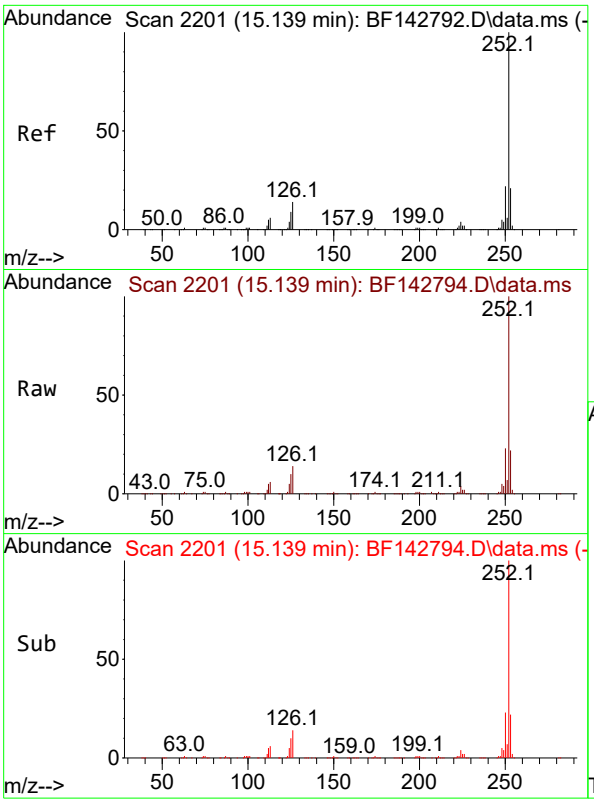


#88
Benzo(b)fluoranthene
Concen: 61.638 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



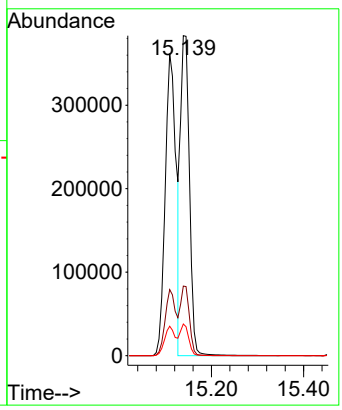


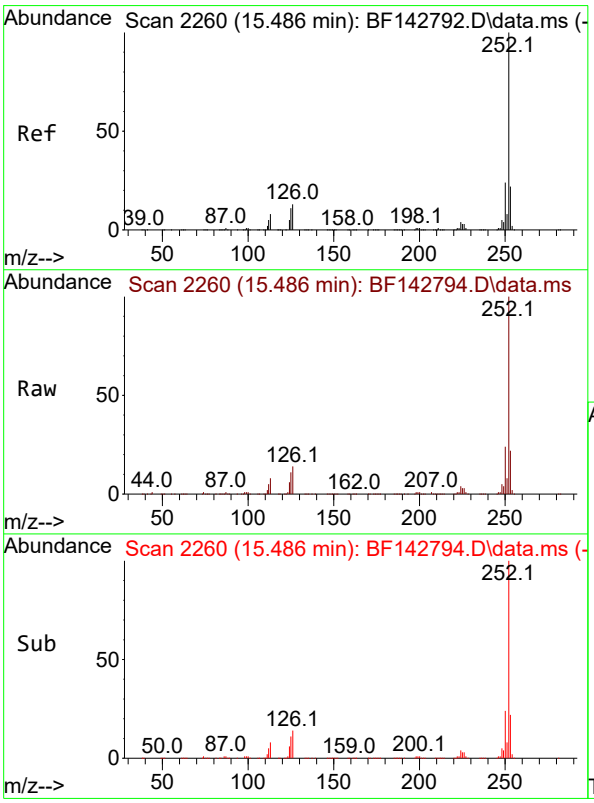
#89
Benzo(k)fluoranthene
Concen: 54.792 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

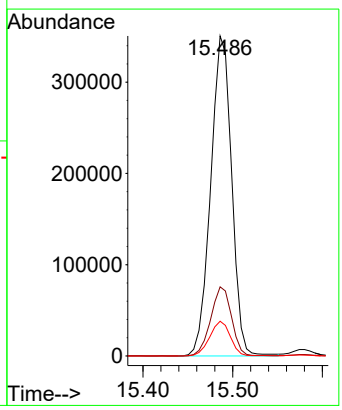


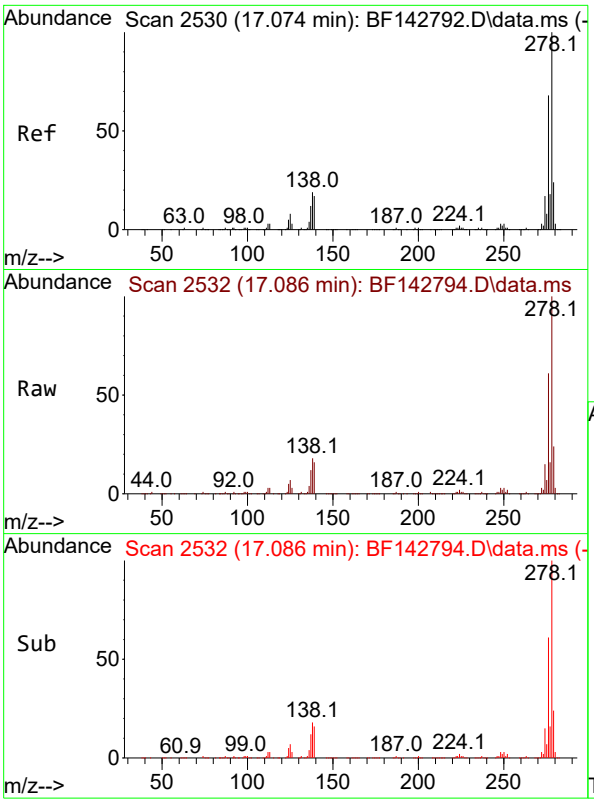


#90
Benzo(a)pyrene
Concen: 61.408 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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



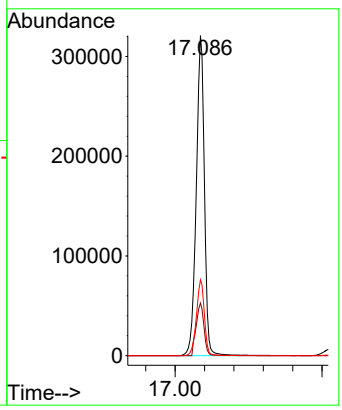


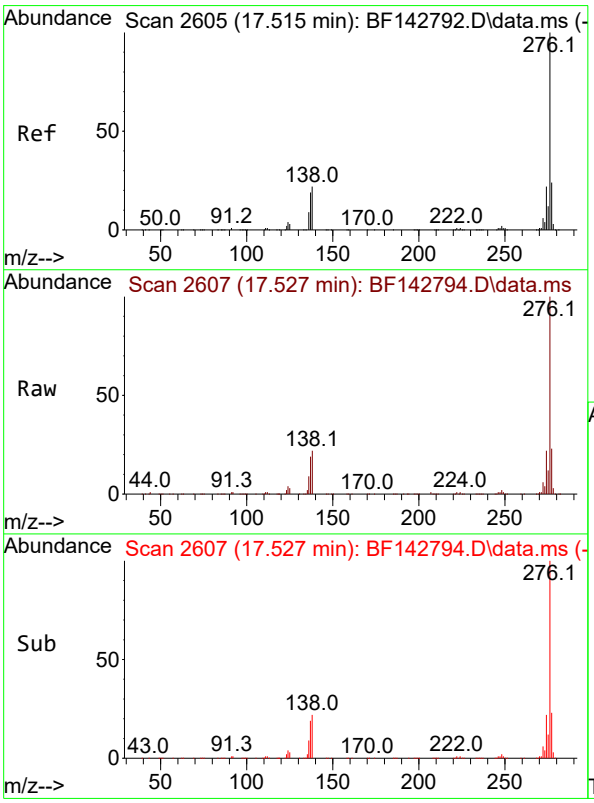
#91
Dibenzo(a,h)anthracene
Concen: 61.889 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

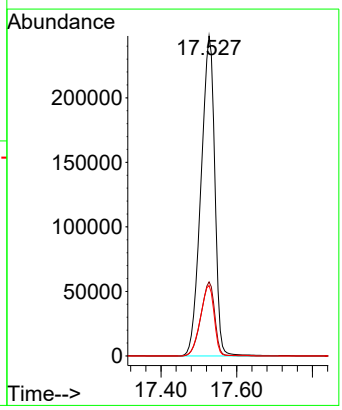




#92
Benzo(g,h,i)perylene
Concen: 62.795 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF142794.D
Acq: 19 Jun 2025 20:10

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

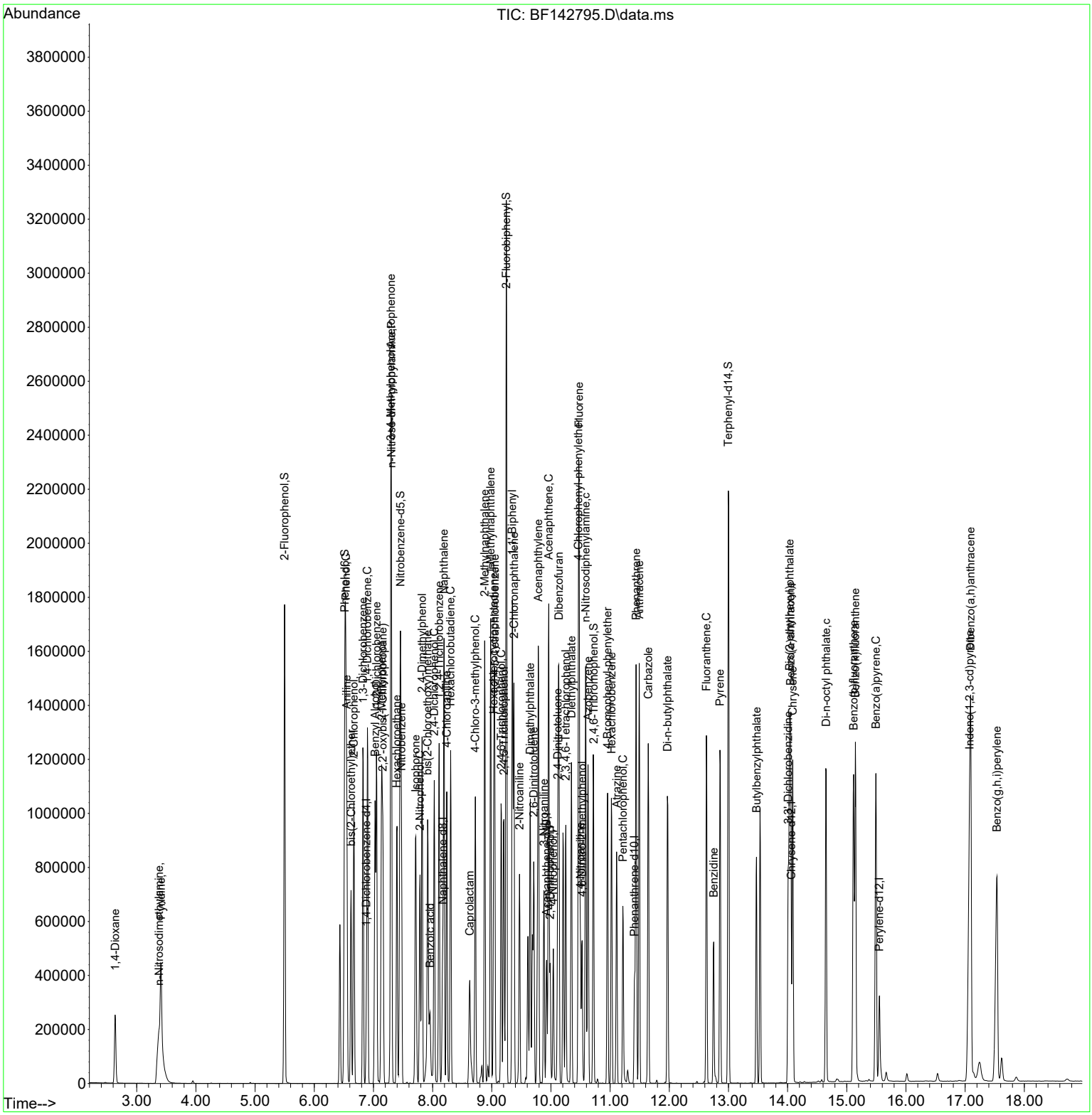
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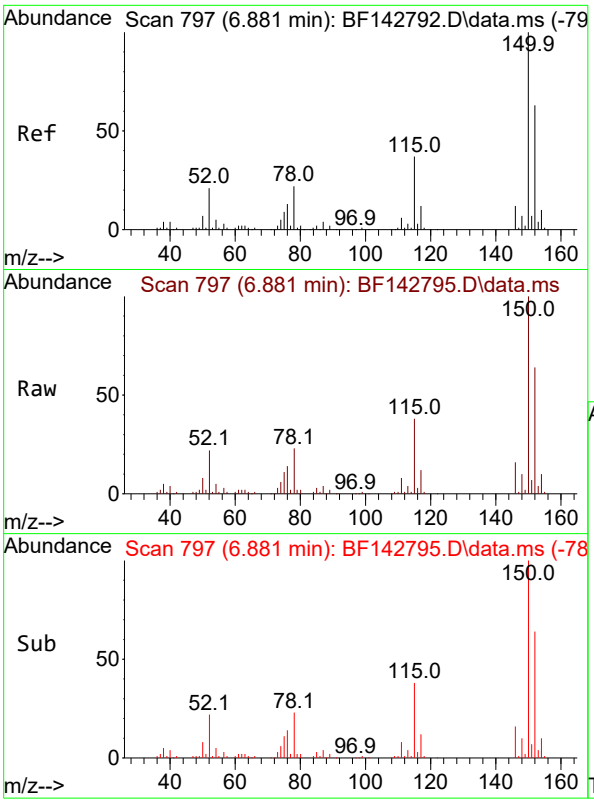
ICAL Form

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



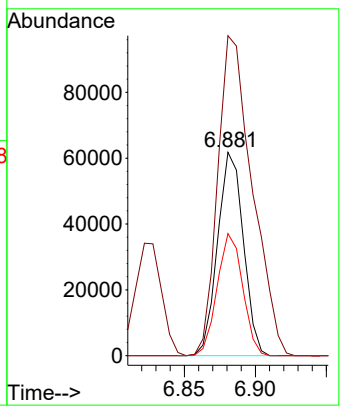


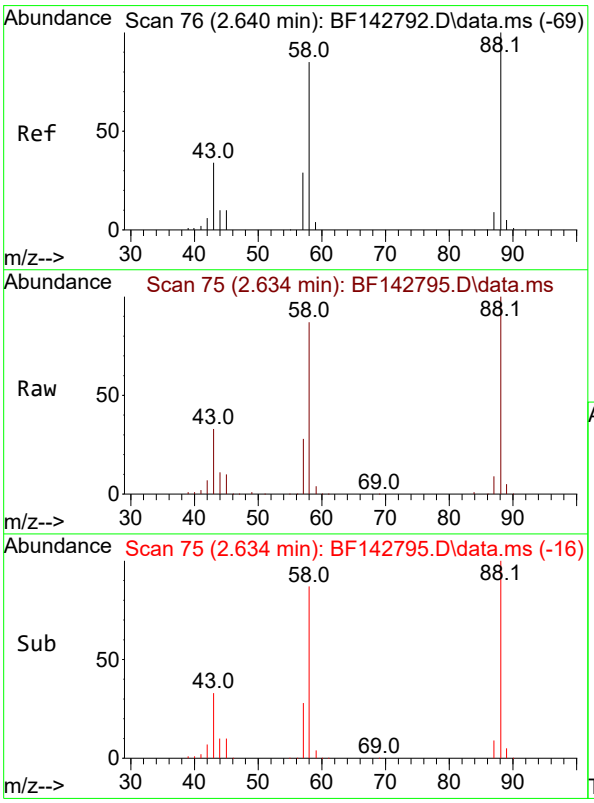
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

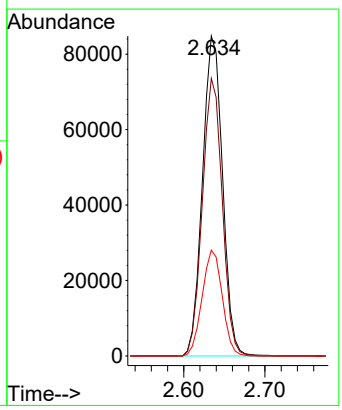


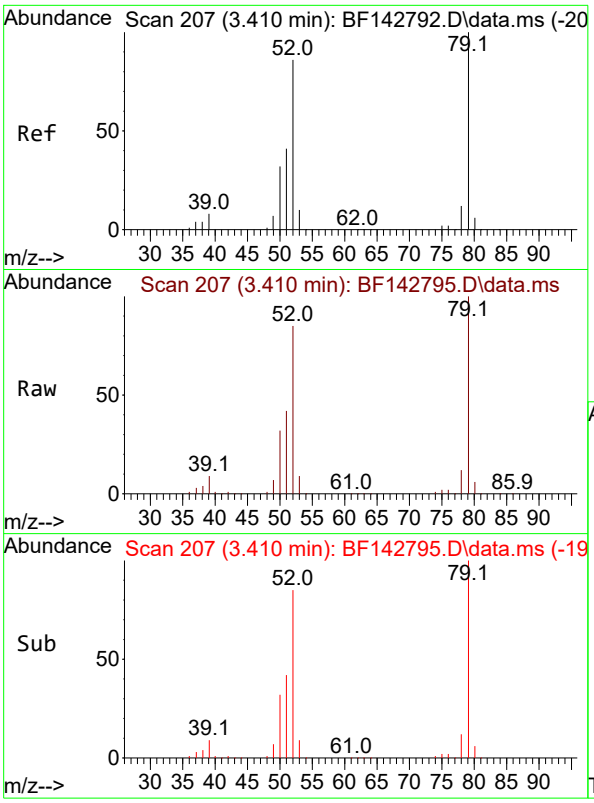


#2
1,4-Dioxane
Concen: 80.147 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



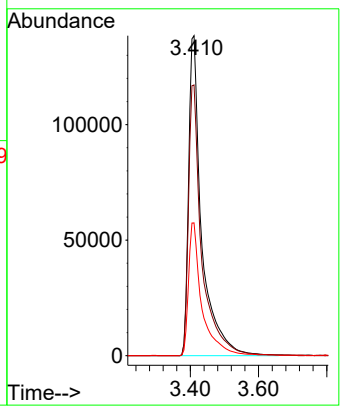


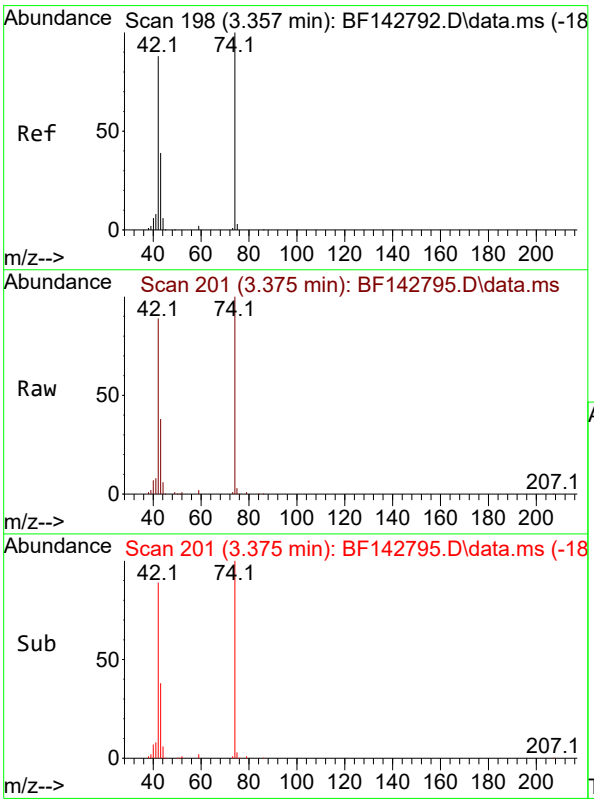
#3
Pyridine
Concen: 81.031 ng
RT: 3.410 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

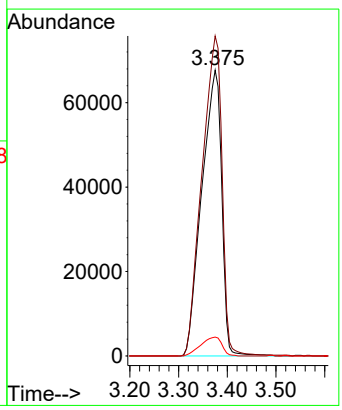


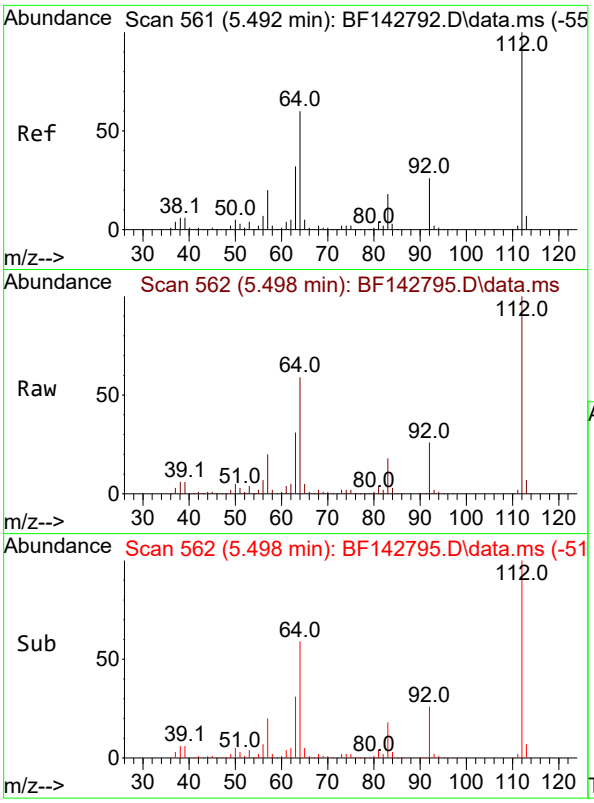


#4
n-Nitrosodimethylamine
Concen: 82.265 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



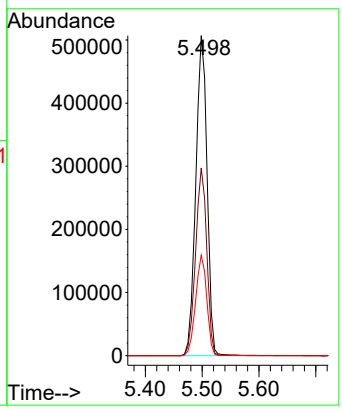


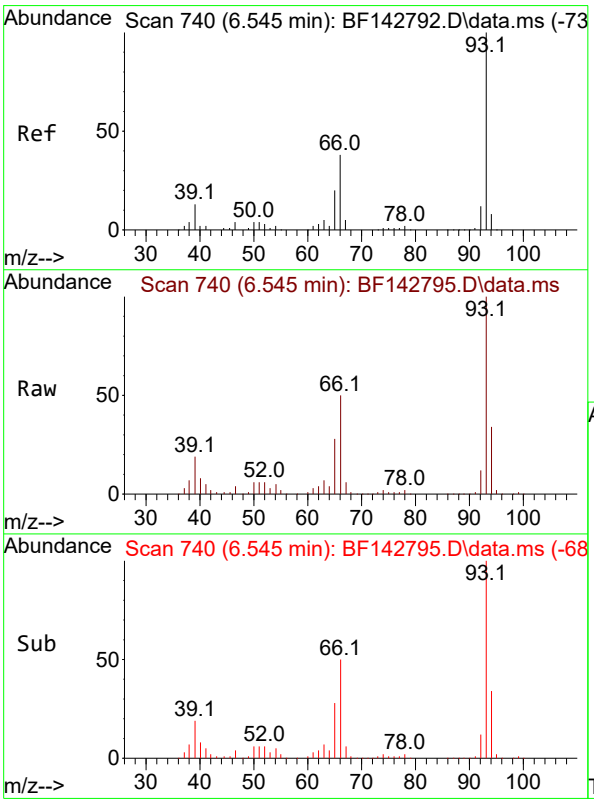
#5
2-Fluorophenol
Concen: 153.880 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

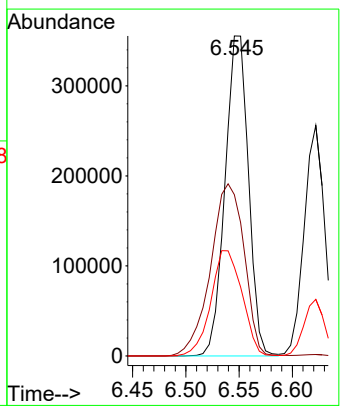


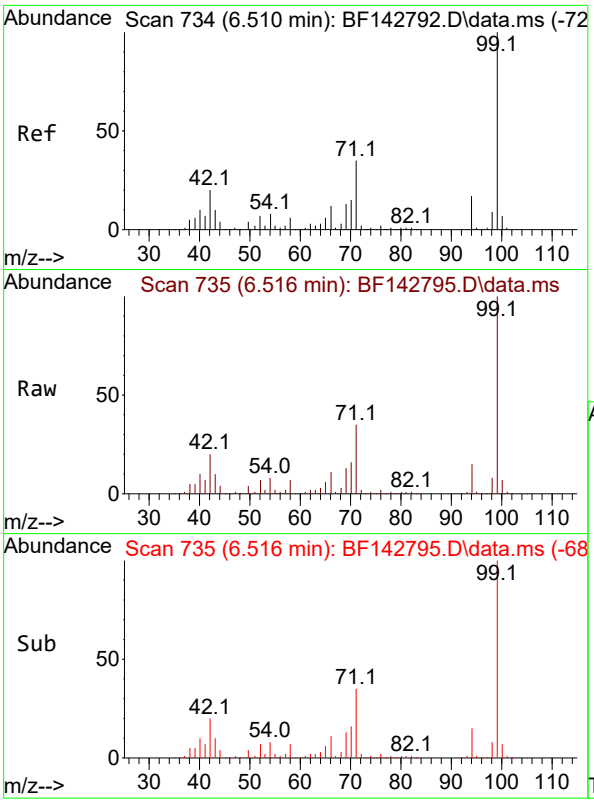


#6
Aniline
Concen: 75.672 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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#



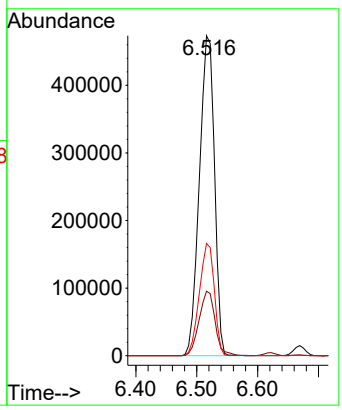


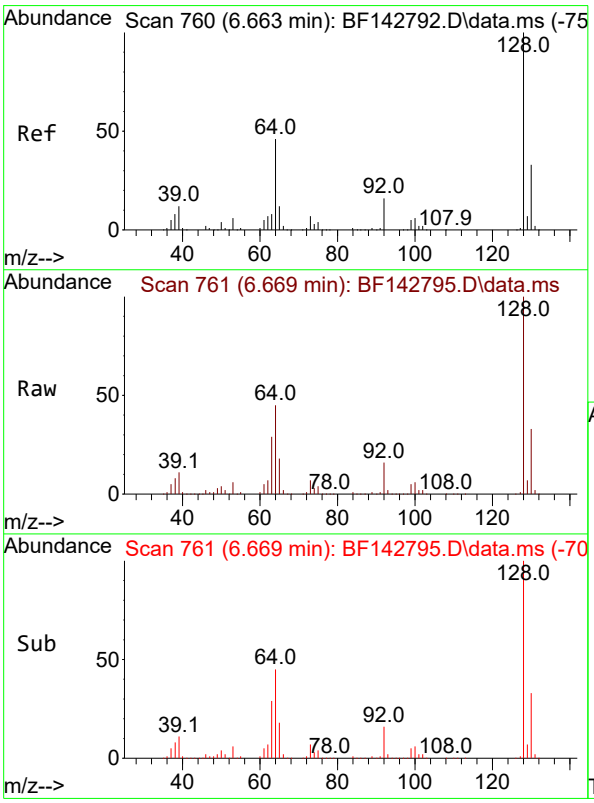
#7
Phenol-d6
Concen: 151.631 ng
RT: 6.516 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

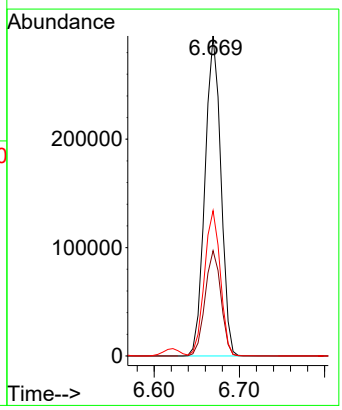


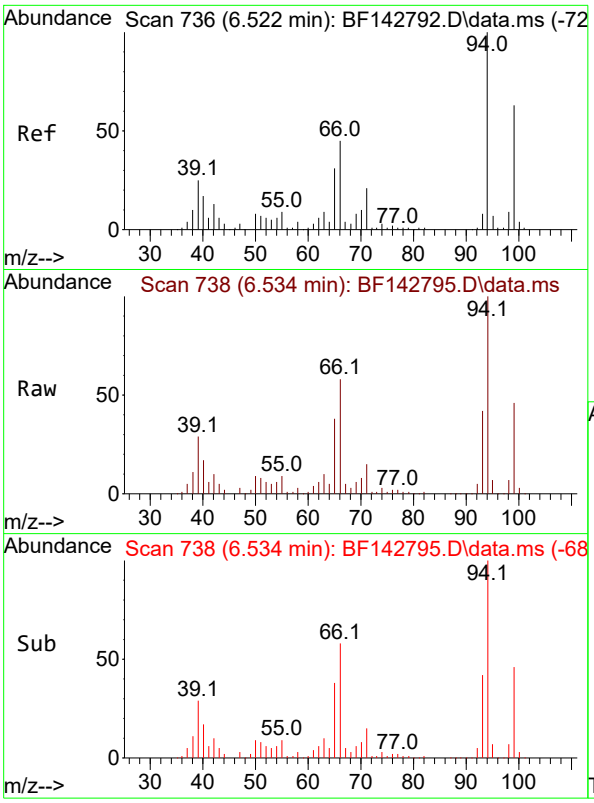


#8
2-Chlorophenol
Concen: 77.116 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



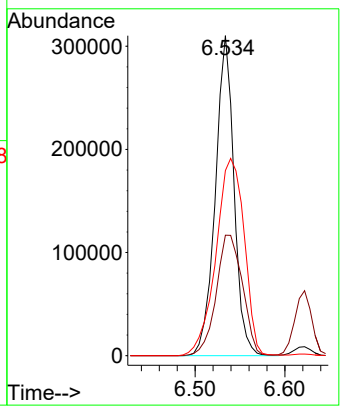


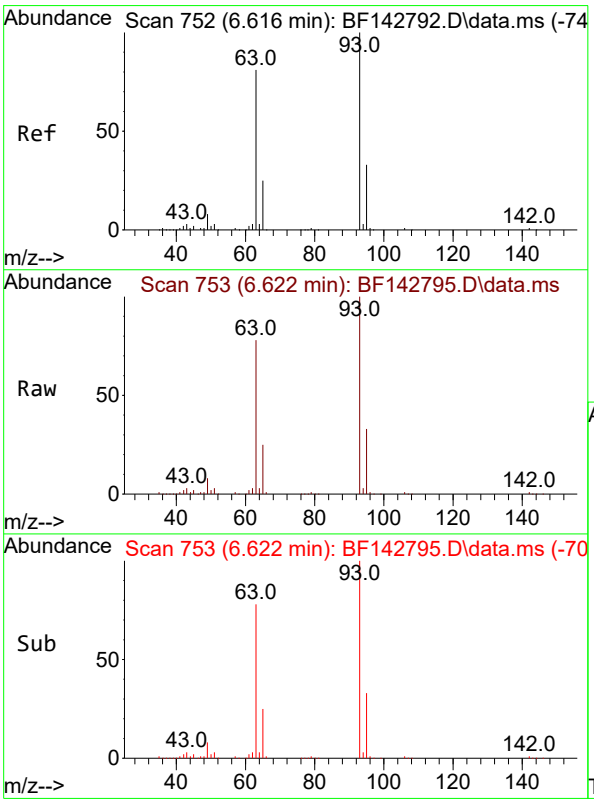
#10
Phenol
Concen: 74.906 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

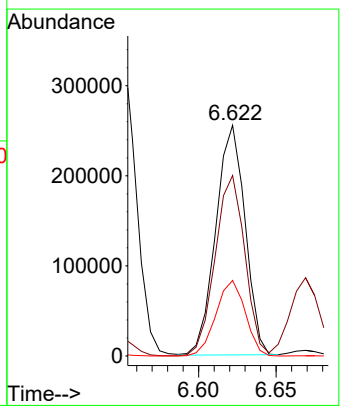


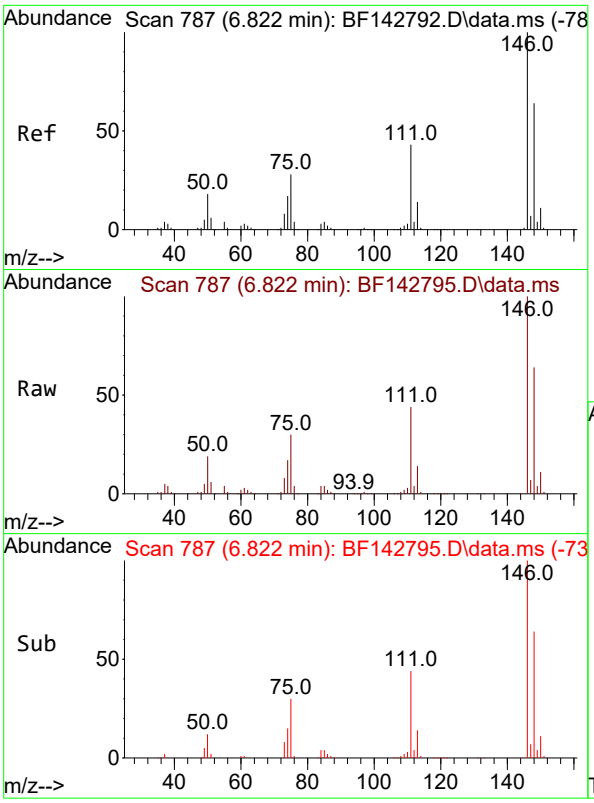


#11
bis(2-Chloroethyl)ether
Concen: 75.639 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



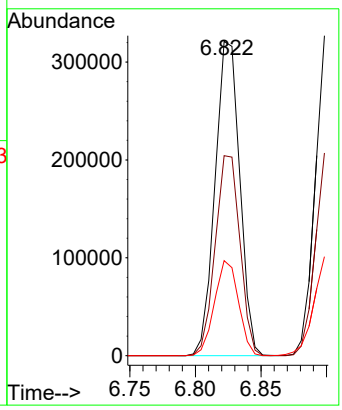


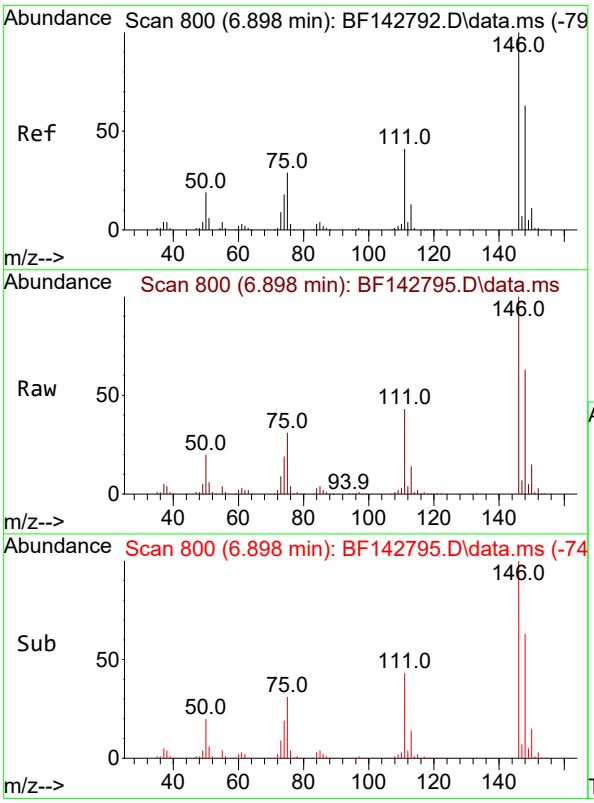
#12
1,3-Dichlorobenzene
Concen: 74.190 ng
RT: 6.822 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

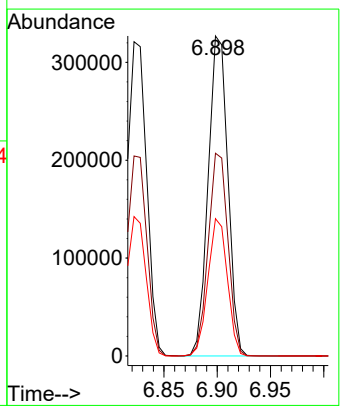


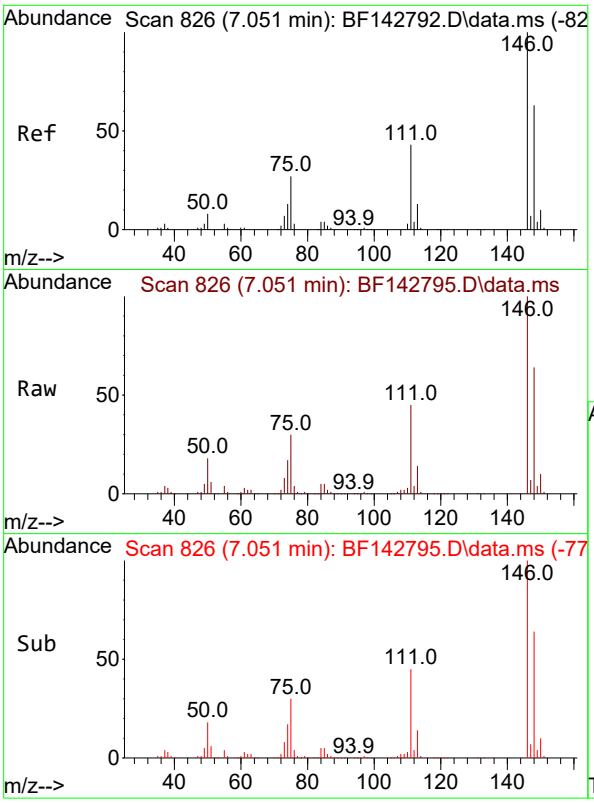


#13
1,4-Dichlorobenzene
Concen: 73.115 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



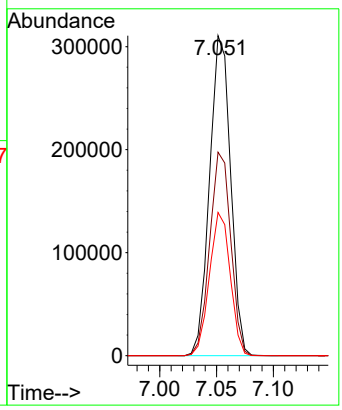


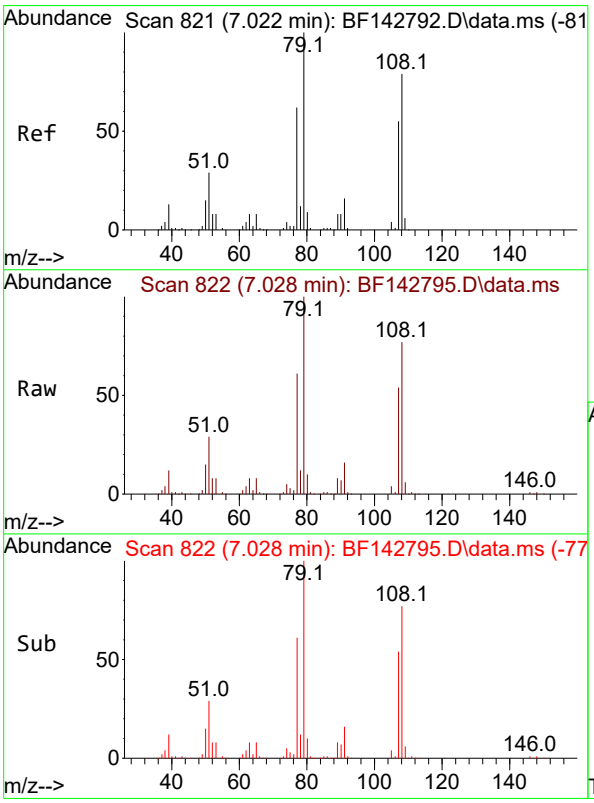
#14
1,2-Dichlorobenzene
Concen: 72.897 ng
RT: 7.051 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

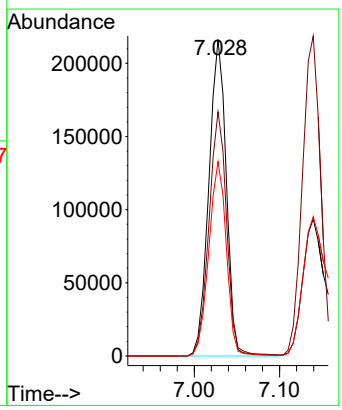


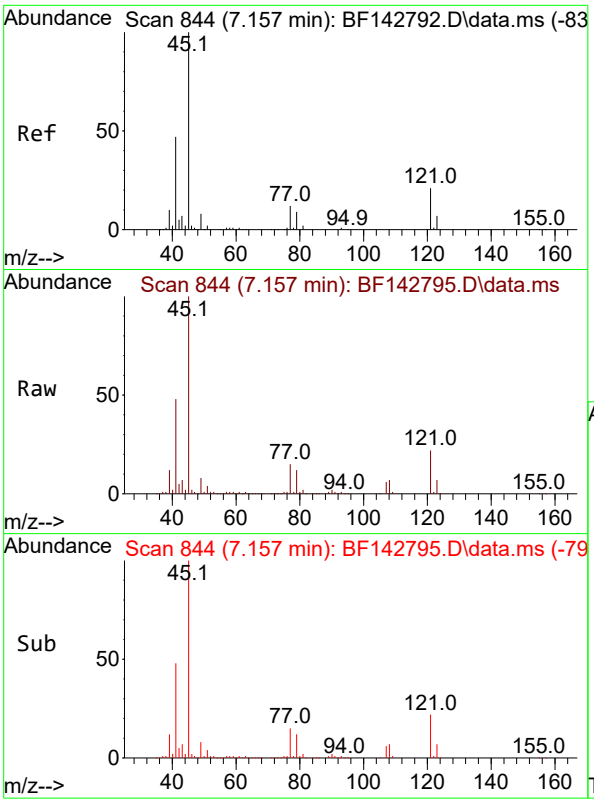


#15
Benzyl Alcohol
Concen: 76.460 ng
RT: 7.028 min Scan# 822
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



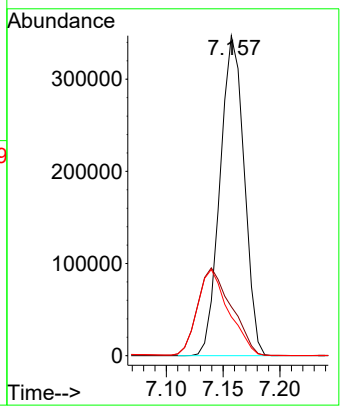


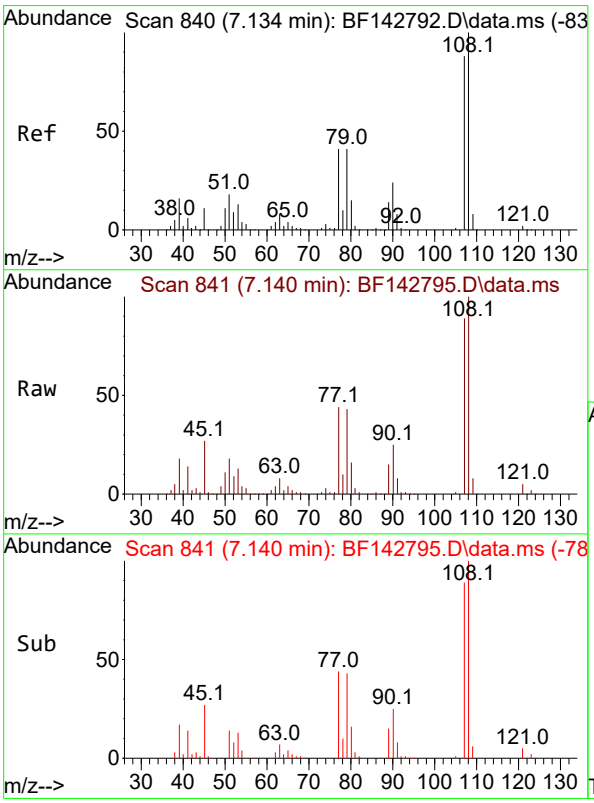
#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.285 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

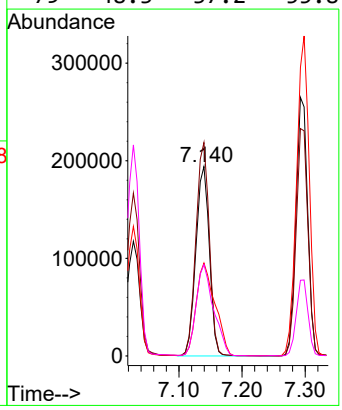


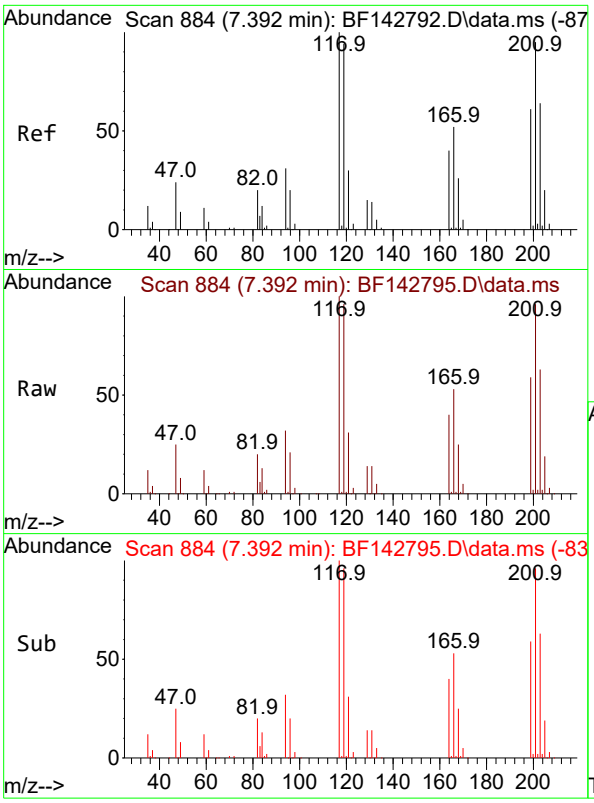


#17
2-Methylphenol
Concen: 76.123 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



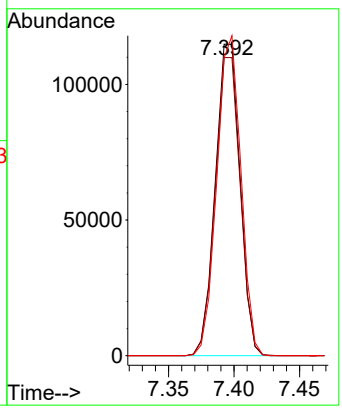


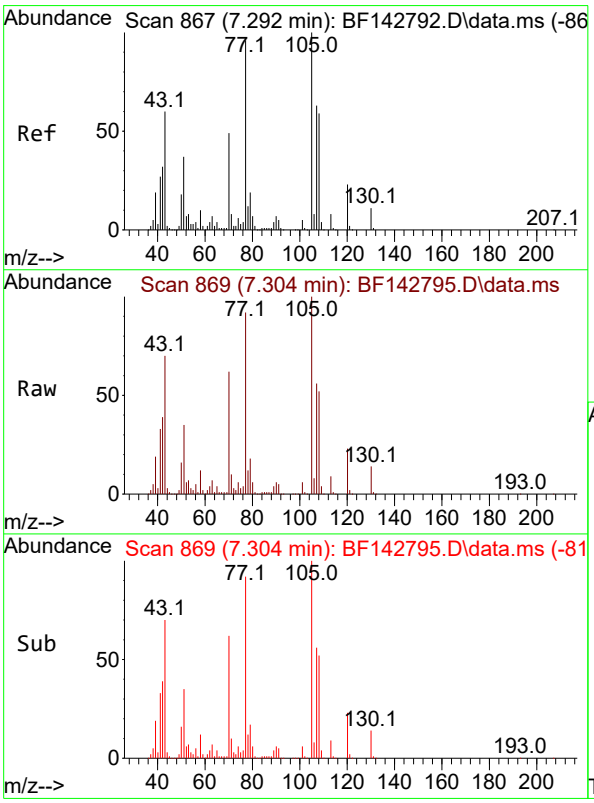
#18
Hexachloroethane
Concen: 73.550 ng
RT: 7.392 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

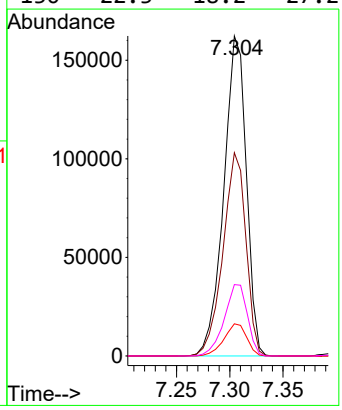


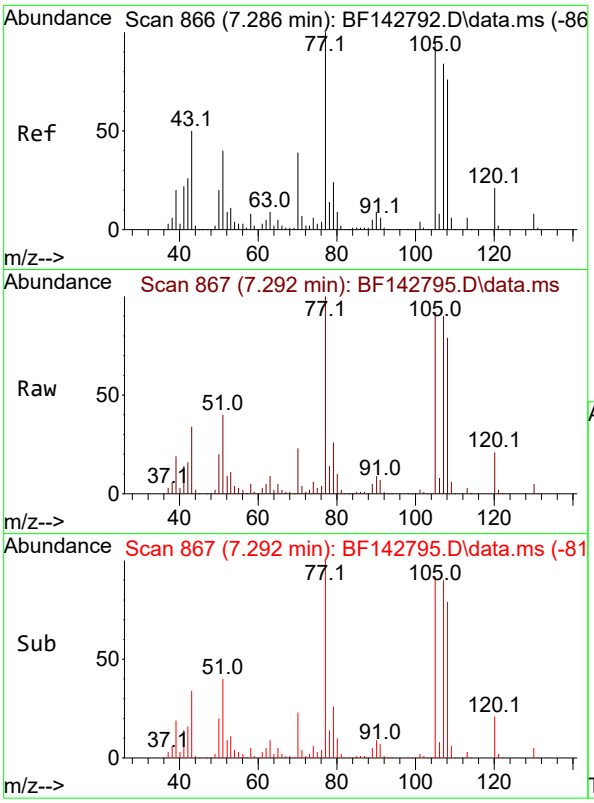


#19
n-Nitroso-di-n-propylamine
Concen: 70.563 ng
RT: 7.304 min Scan# 869
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



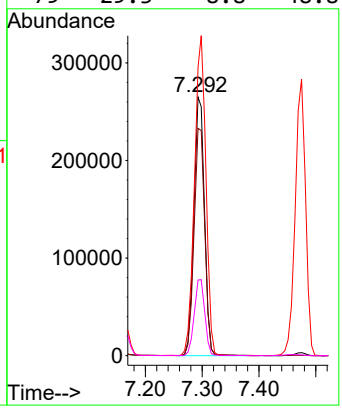


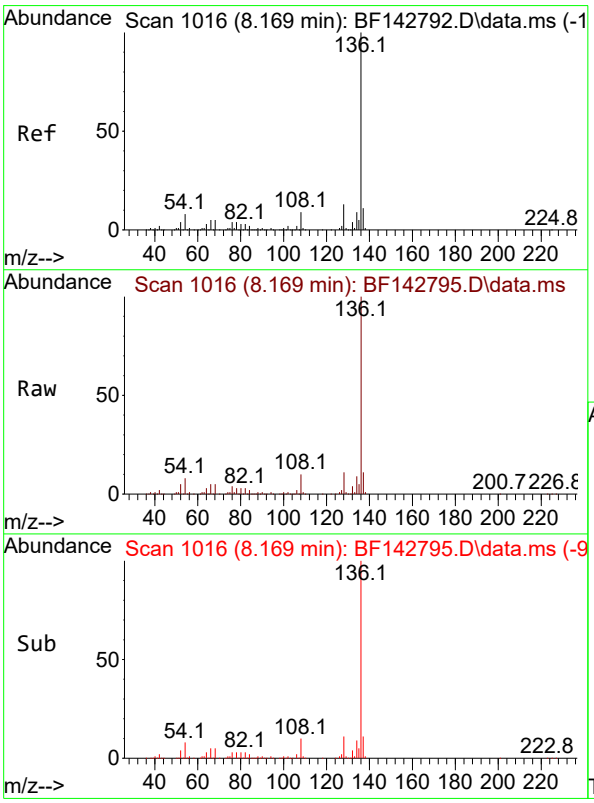
#20
3+4-Methylphenols
Concen: 72.154 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

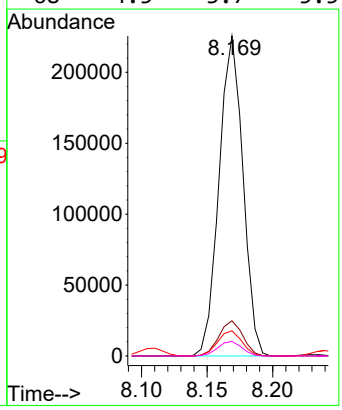


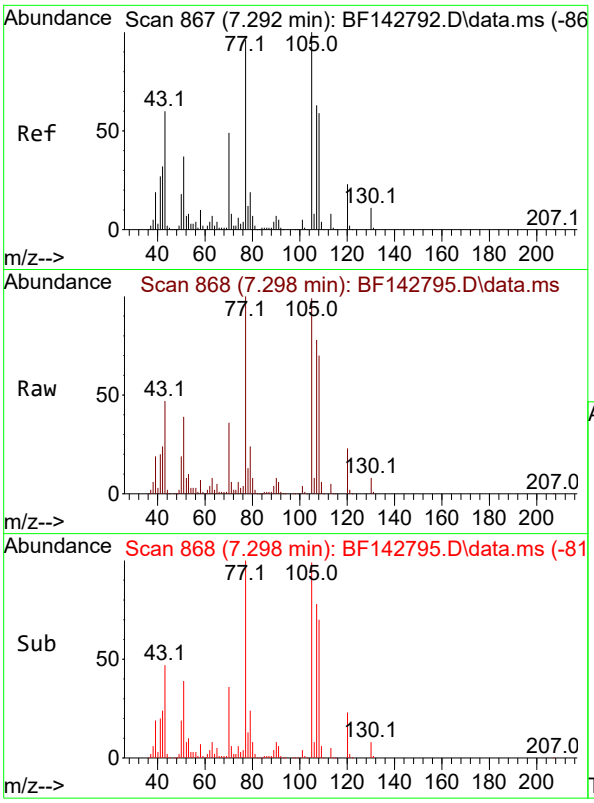


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



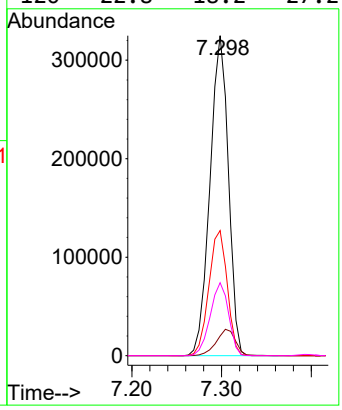


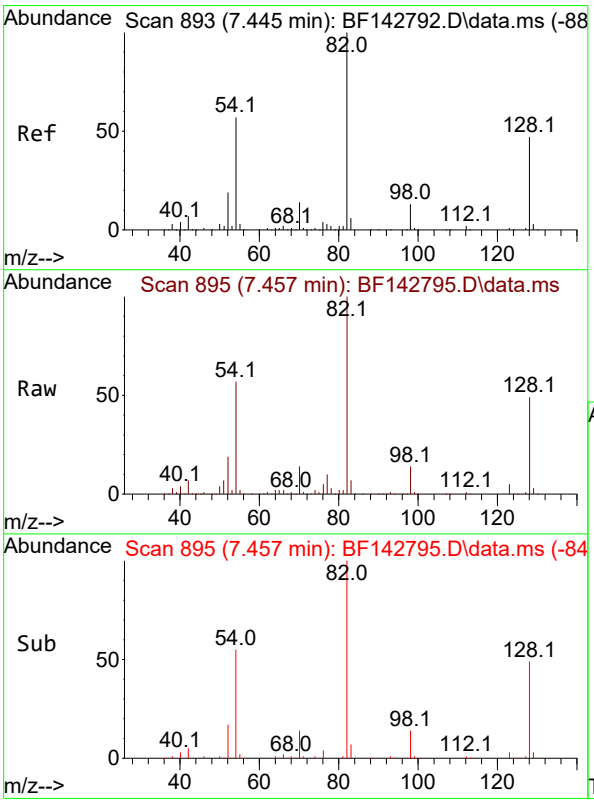
#22
Acetophenone
Concen: 73.349 ng
RT: 7.298 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

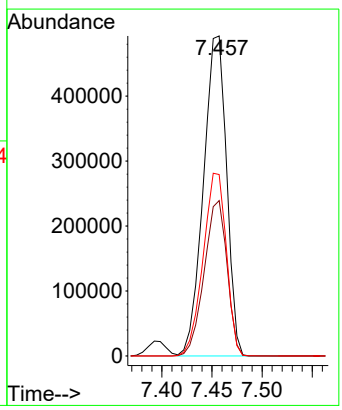


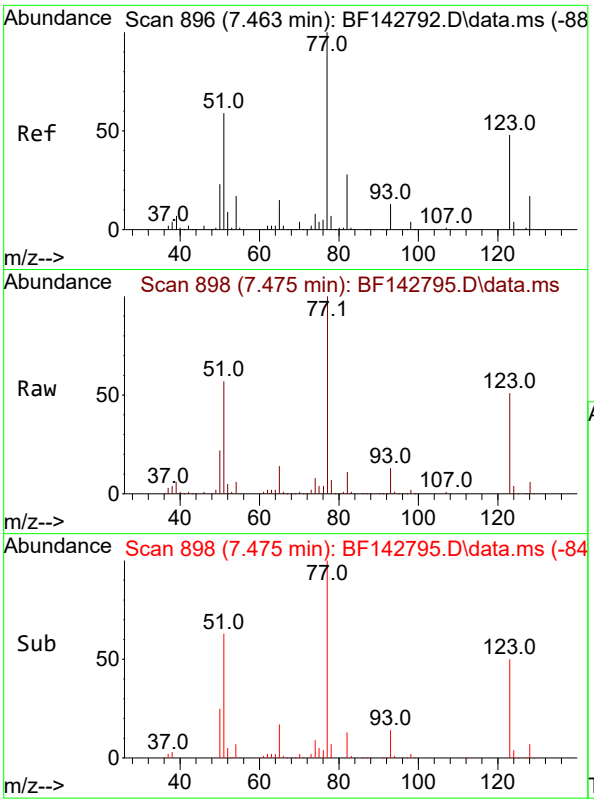


#23
Nitrobenzene-d5
Concen: 152.234 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



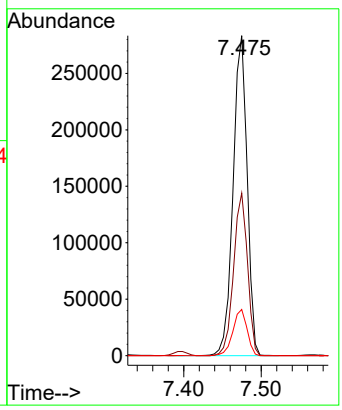


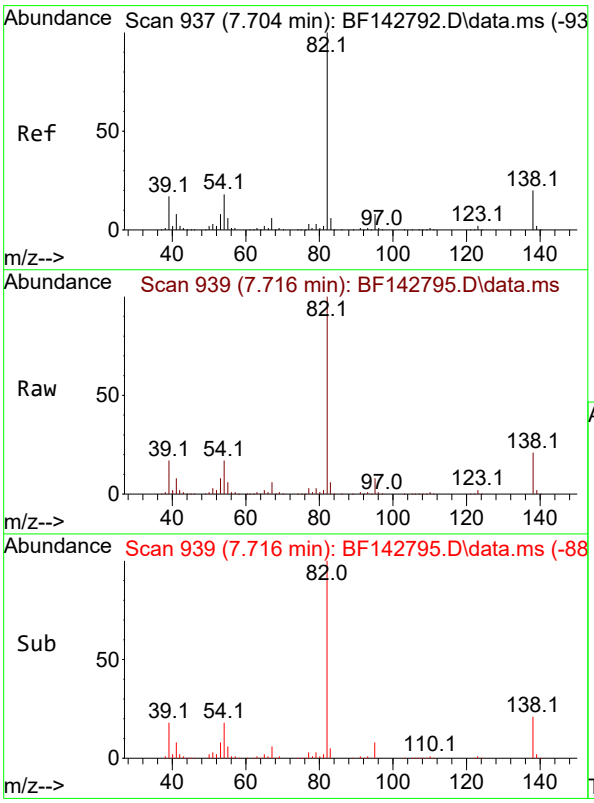
#24
Nitrobenzene
Concen: 77.574 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

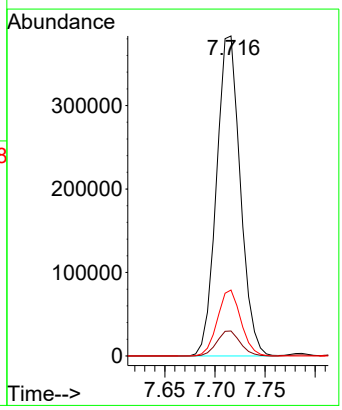


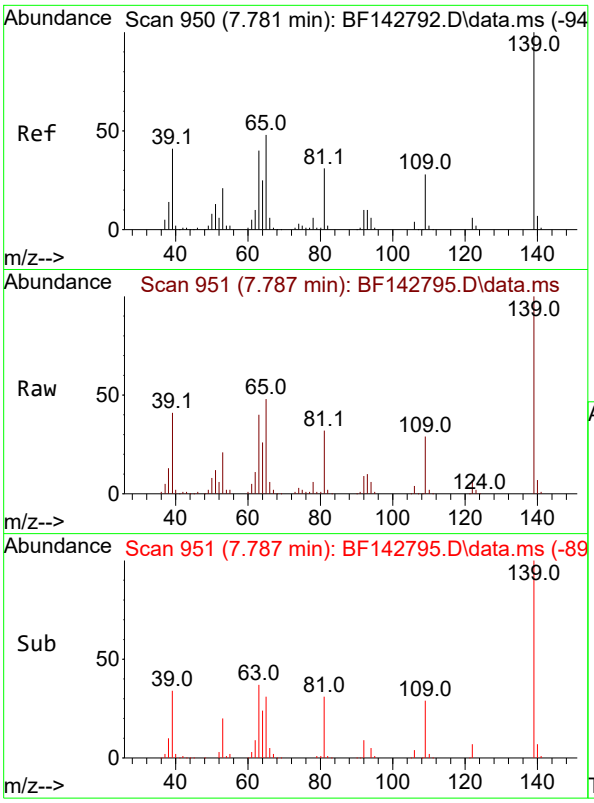


#25
Isophorone
Concen: 72.447 ng
RT: 7.716 min Scan# 939
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



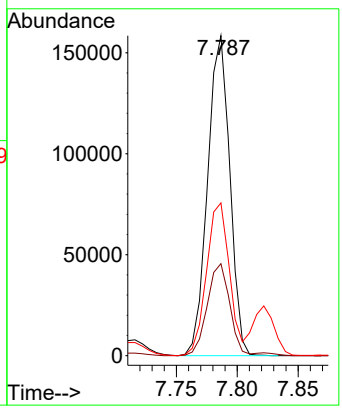


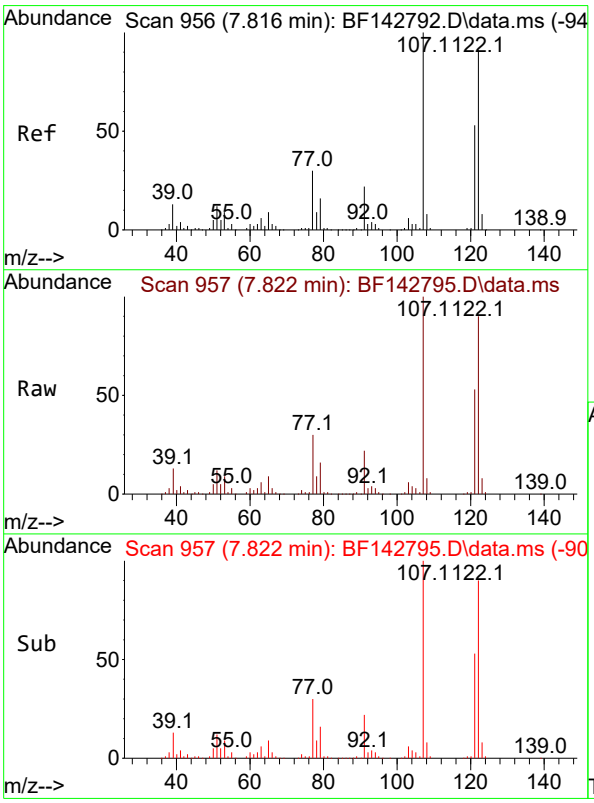
#26
2-Nitrophenol
Concen: 78.009 ng
RT: 7.787 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

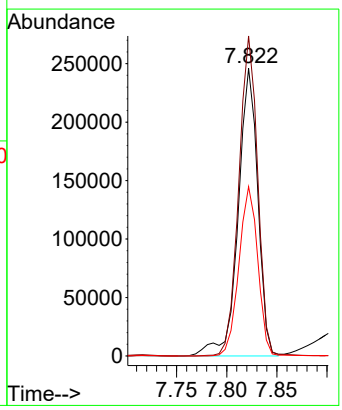


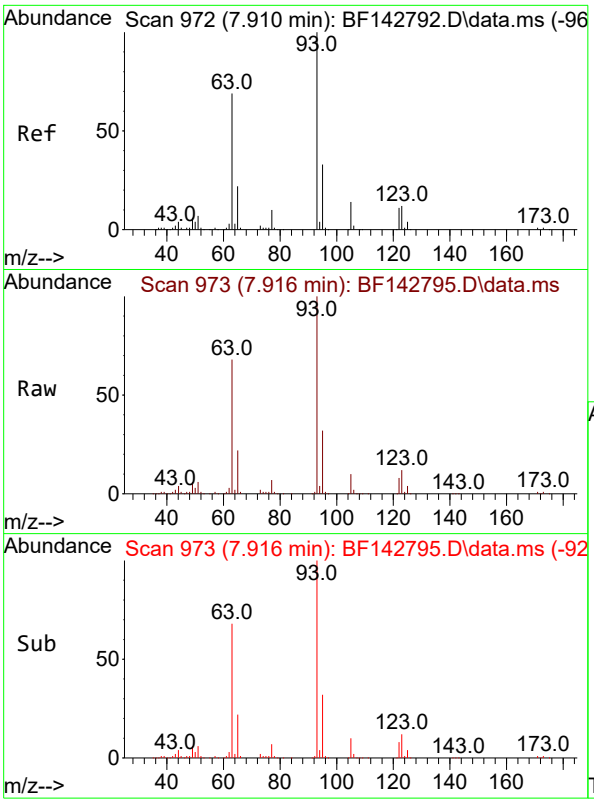


#27
2,4-Dimethylphenol
Concen: 76.518 ng
RT: 7.822 min Scan# 957
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



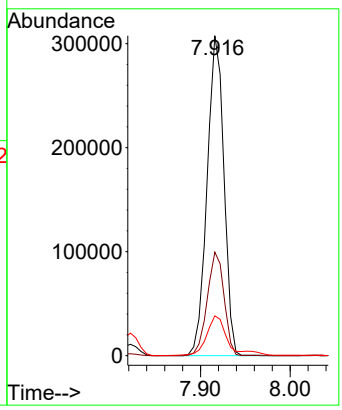


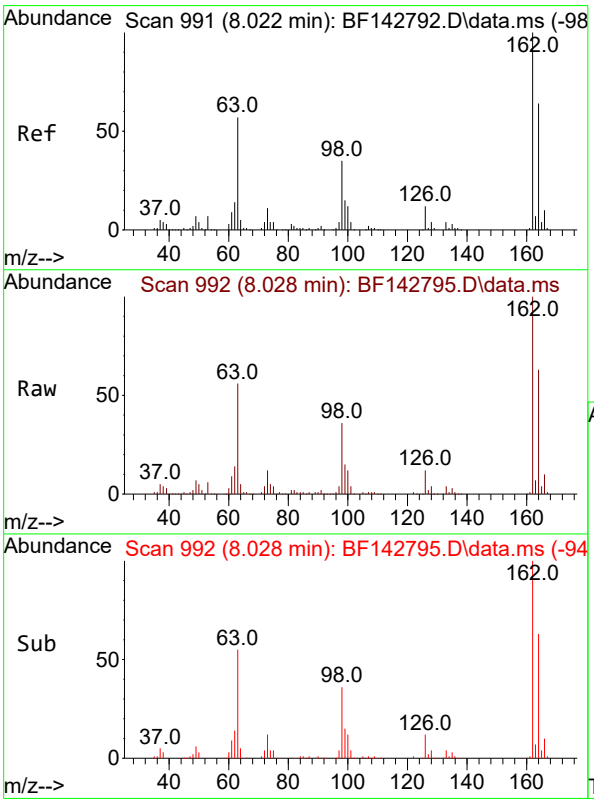
#28
bis(2-Chloroethoxy)methane
Concen: 73.793 ng
RT: 7.916 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

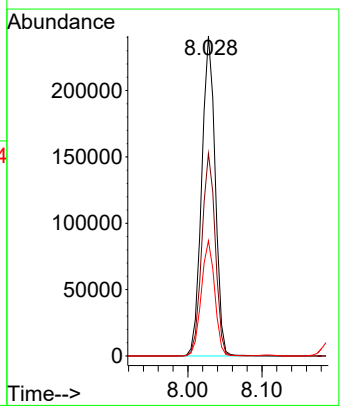


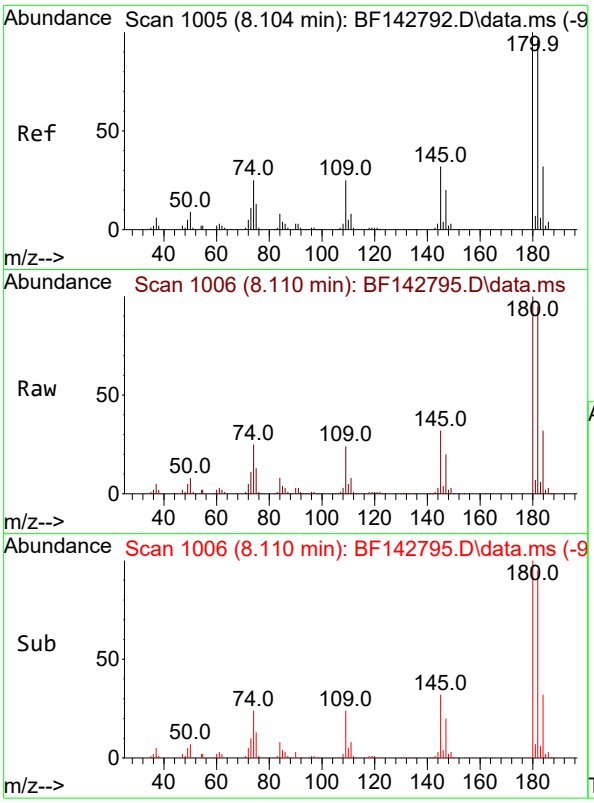


#29
2,4-Dichlorophenol
Concen: 75.689 ng
RT: 8.028 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



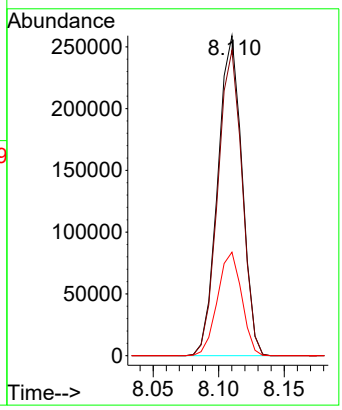


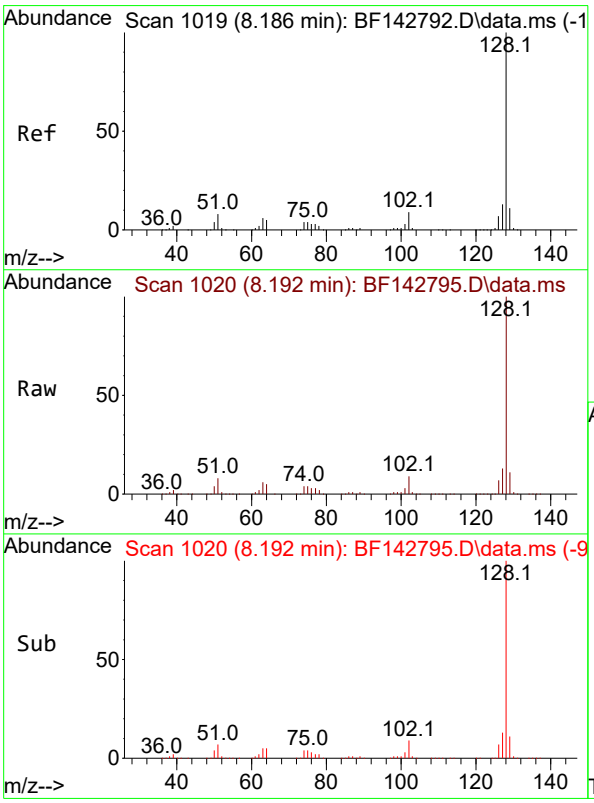
#30
1,2,4-Trichlorobenzene
Concen: 74.472 ng
RT: 8.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

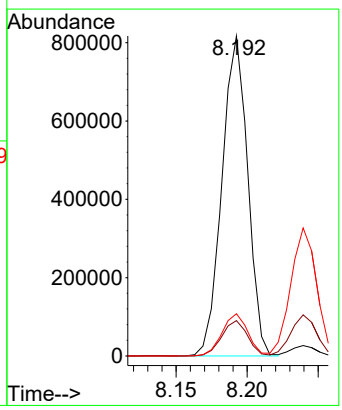


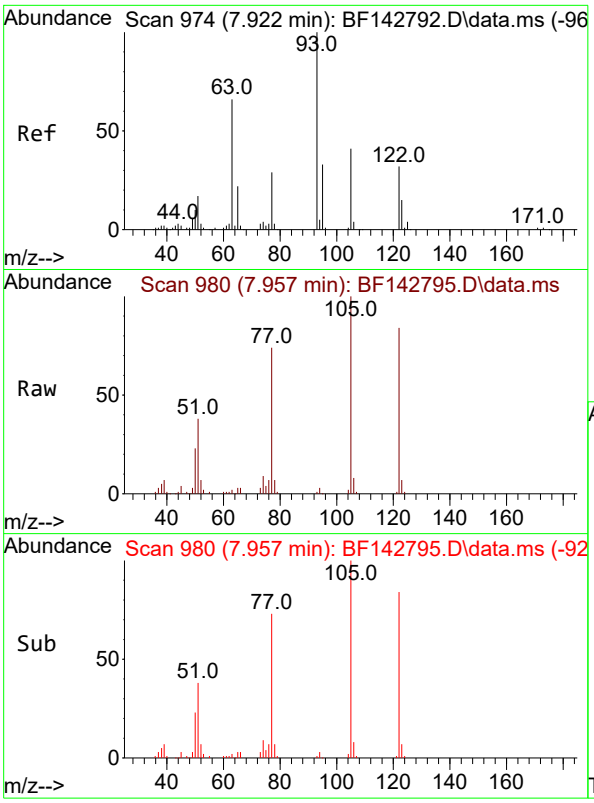


#31
Naphthalene
Concen: 73.342 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



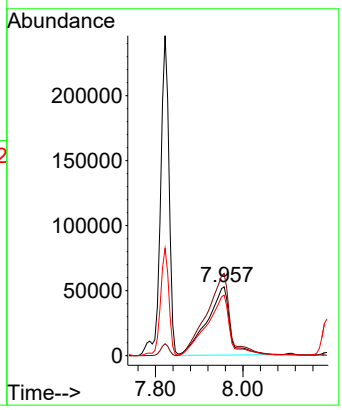


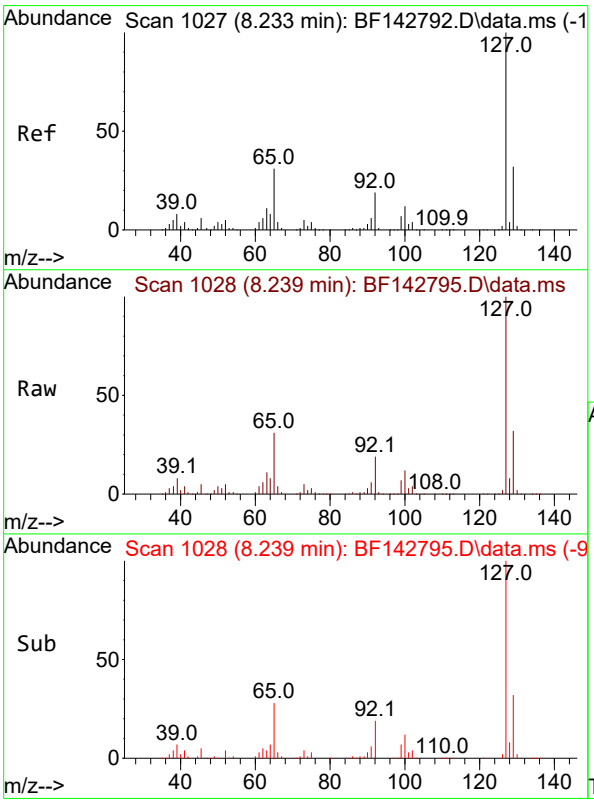
#32
Benzoic acid
Concen: 79.082 ng
RT: 7.957 min Scan# 9
Delta R.T. 0.035 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

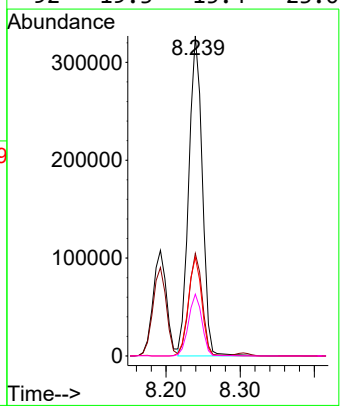


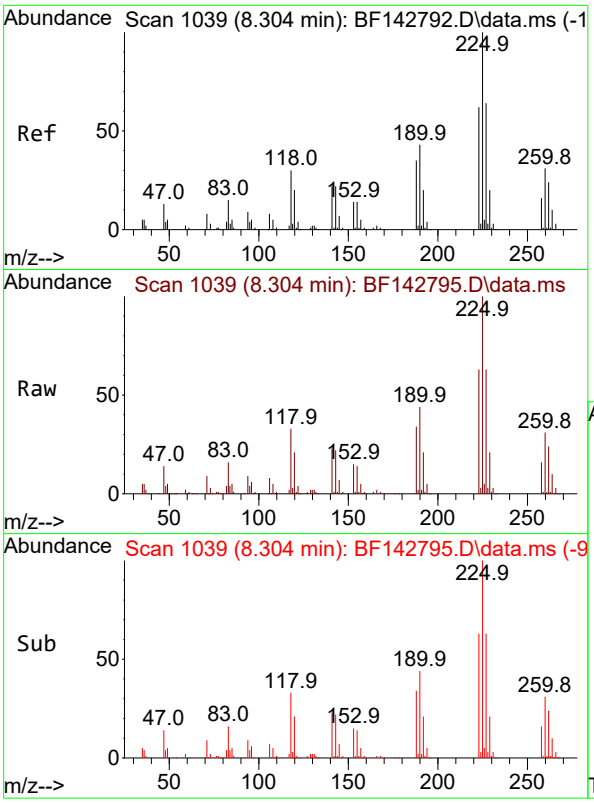


#33
4-Chloroaniline
Concen: 73.608 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



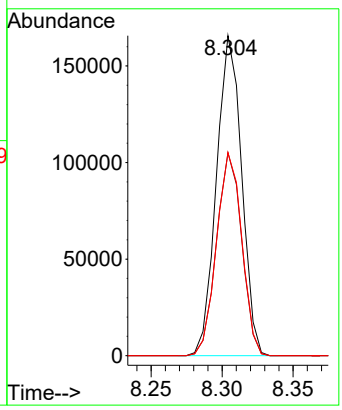


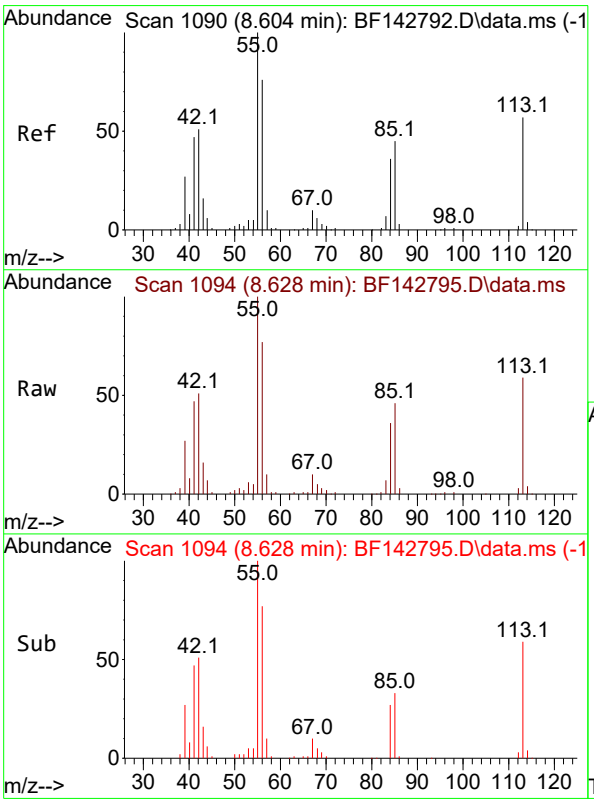
#34
Hexachlorobutadiene
Concen: 72.088 ng
RT: 8.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

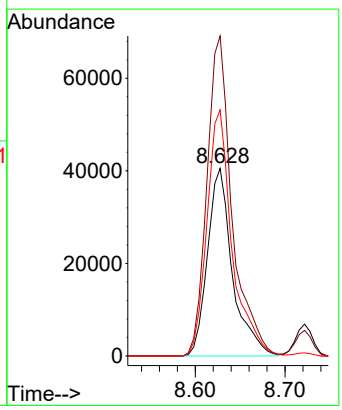


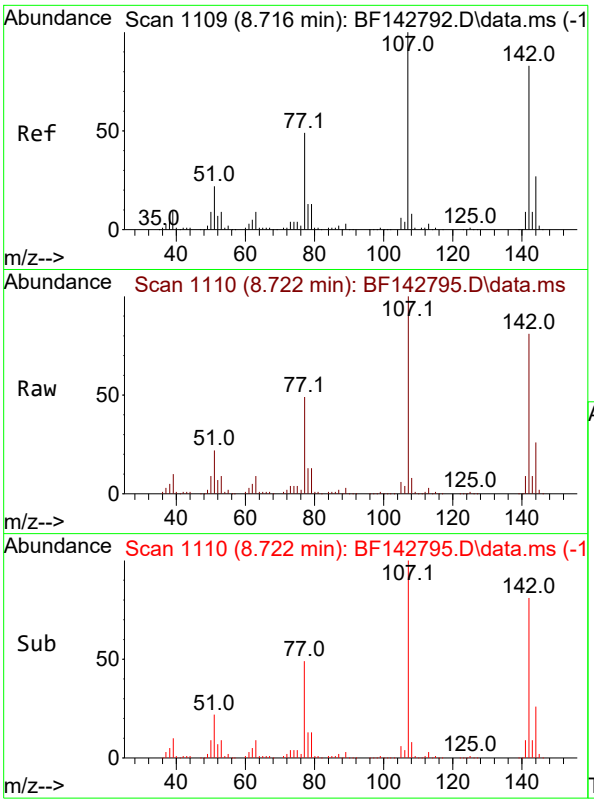


#35
Caprolactam
Concen: 71.952 ng
RT: 8.628 min Scan# 1094
Delta R.T. 0.024 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



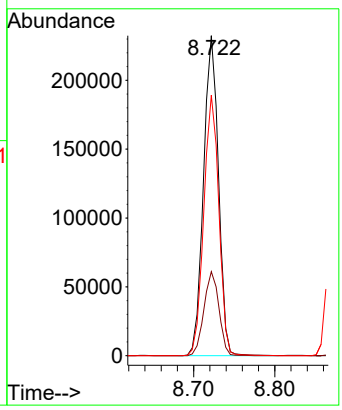


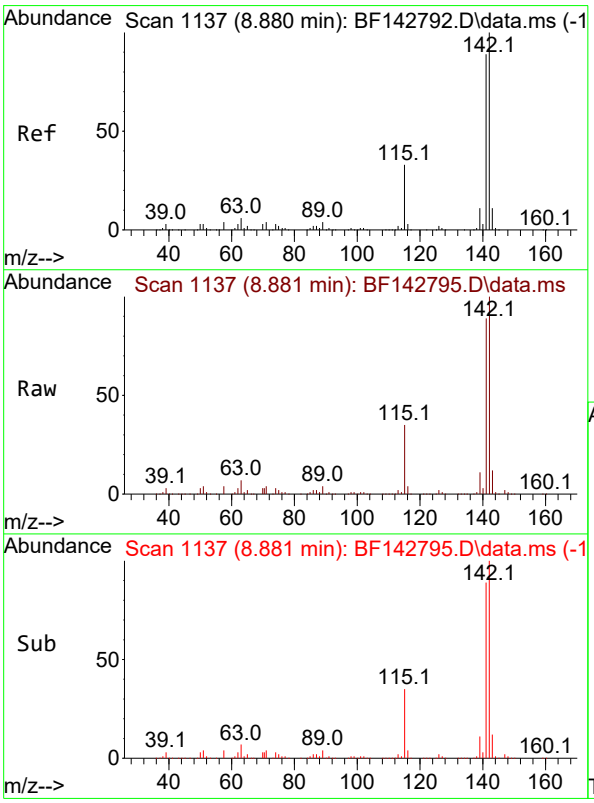
#36
4-Chloro-3-methylphenol
Concen: 70.974 ng
RT: 8.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

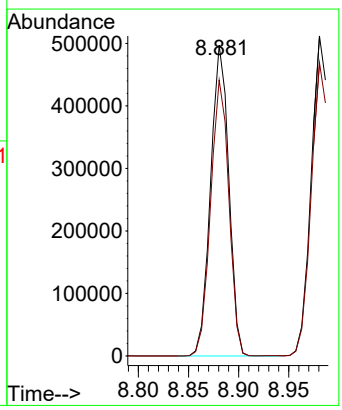


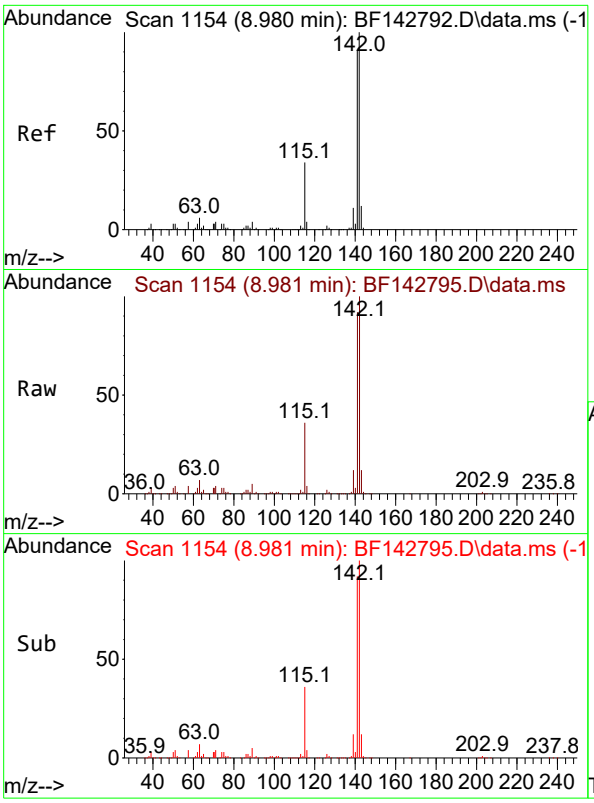


#37
2-Methylnaphthalene
Concen: 70.857 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Tgt Ion:142 Resp: 627195

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3



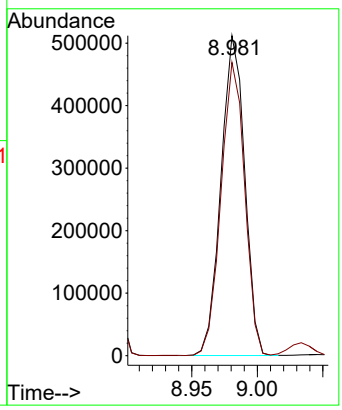


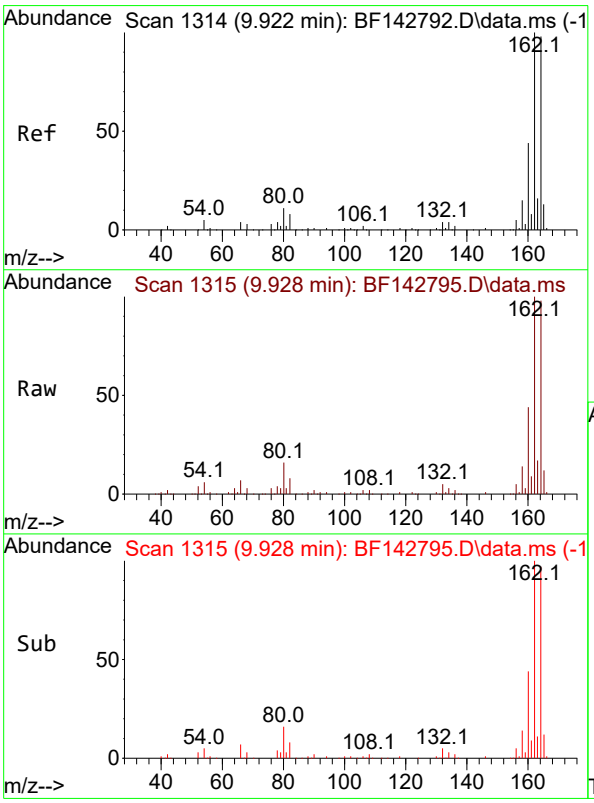
#38
1-Methylnaphthalene
Concen: 69.952 ng
RT: 8.981 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 642853

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.0	109.4

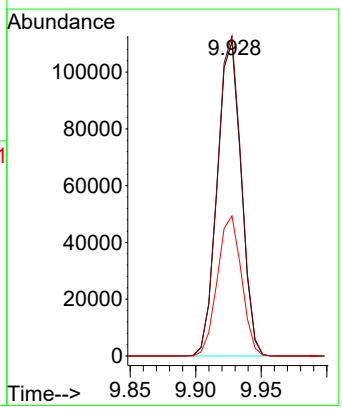


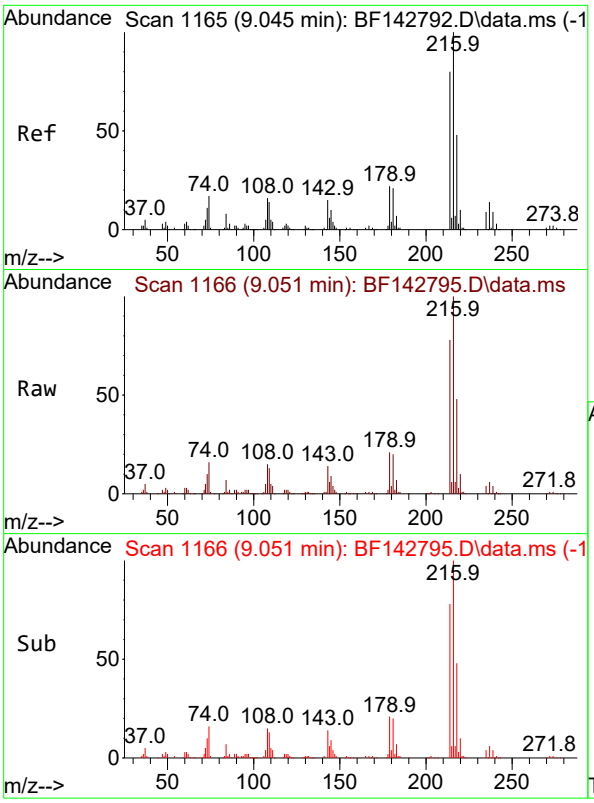


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



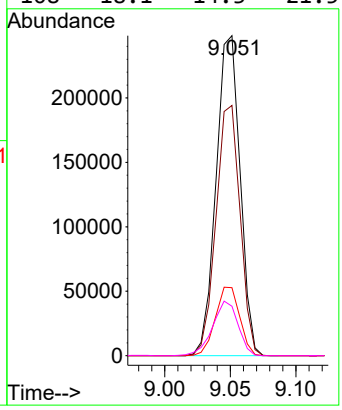


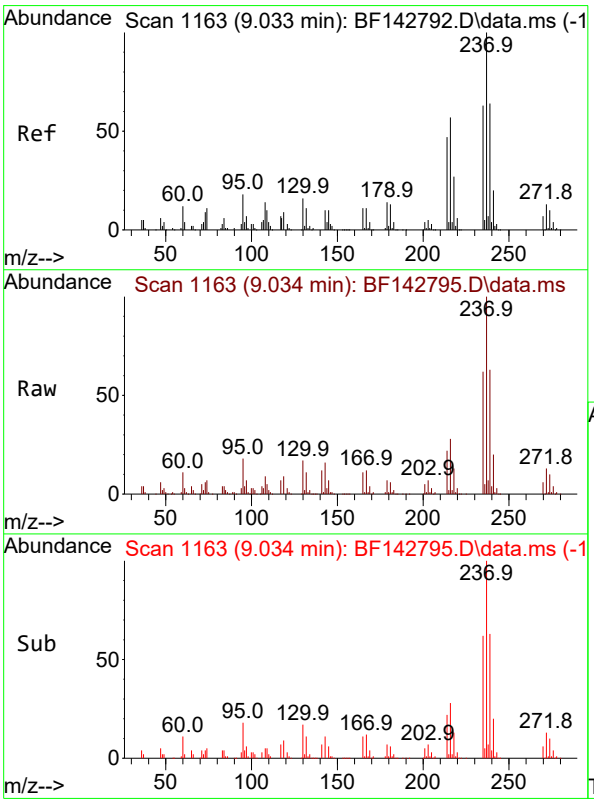
#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.028 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

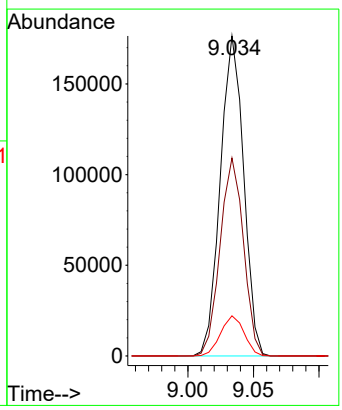


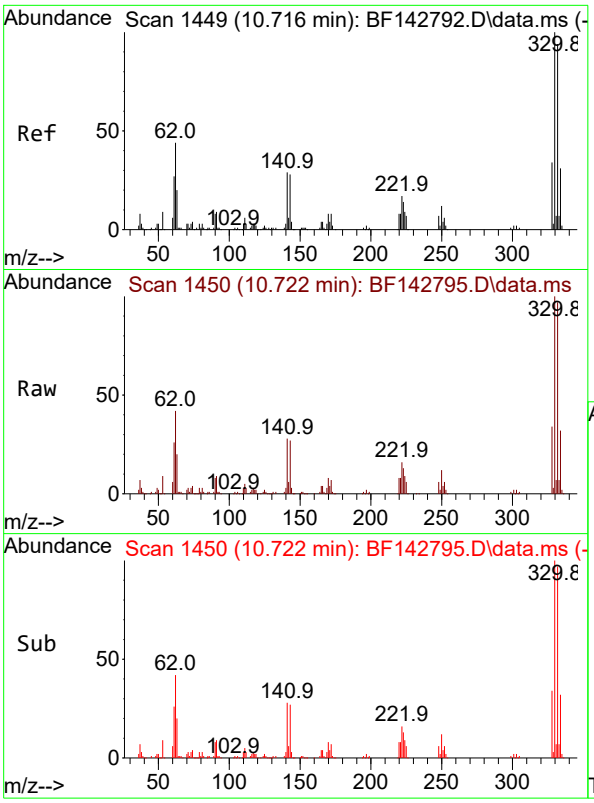


#41
Hexachlorocyclopentadiene
Concen: 85.183 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



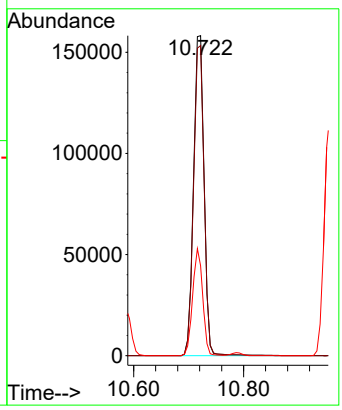


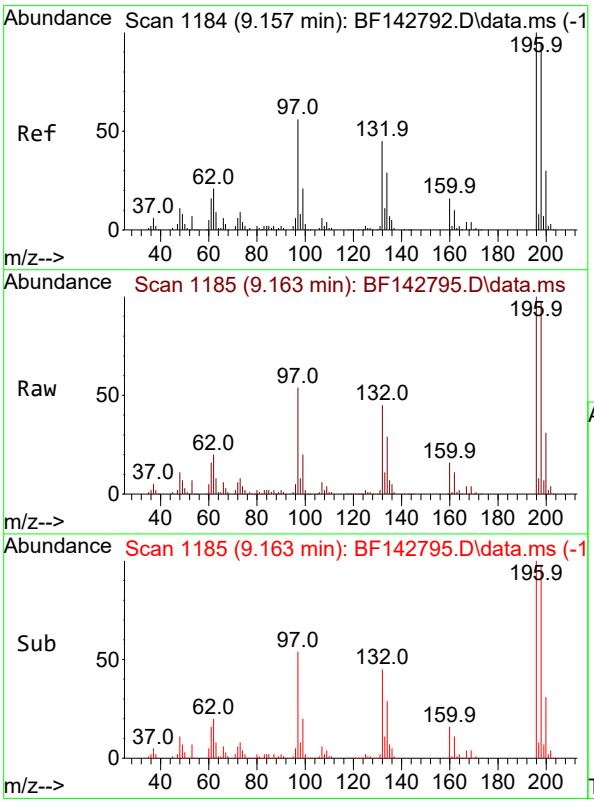
#42
2,4,6-Tribromophenol
Concen: 137.823 ng
RT: 10.722 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

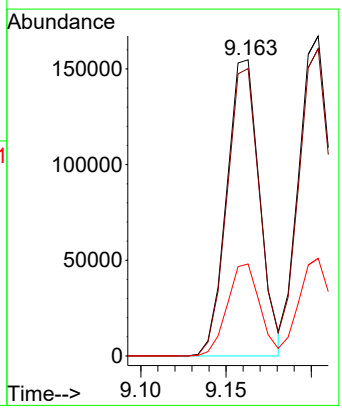


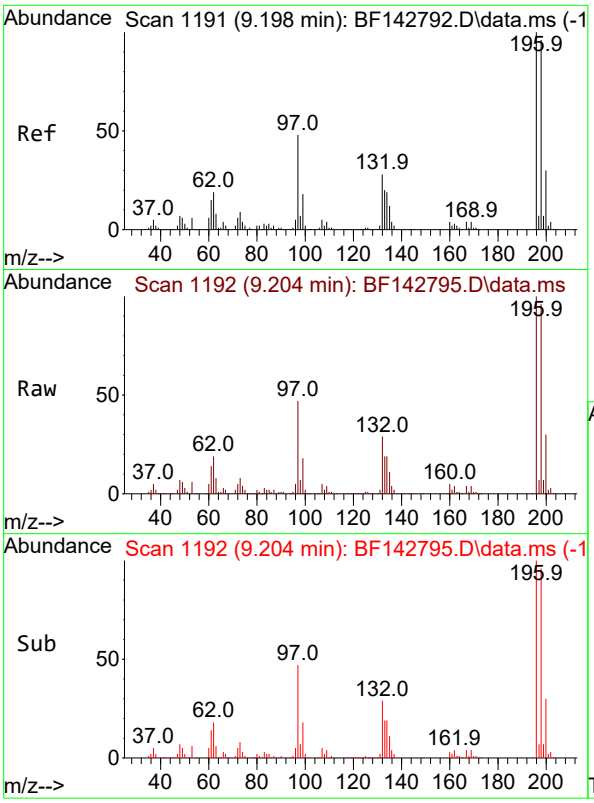


#43
2,4,6-Trichlorophenol
Concen: 79.375 ng
RT: 9.163 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



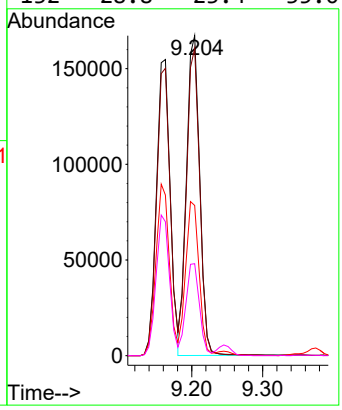


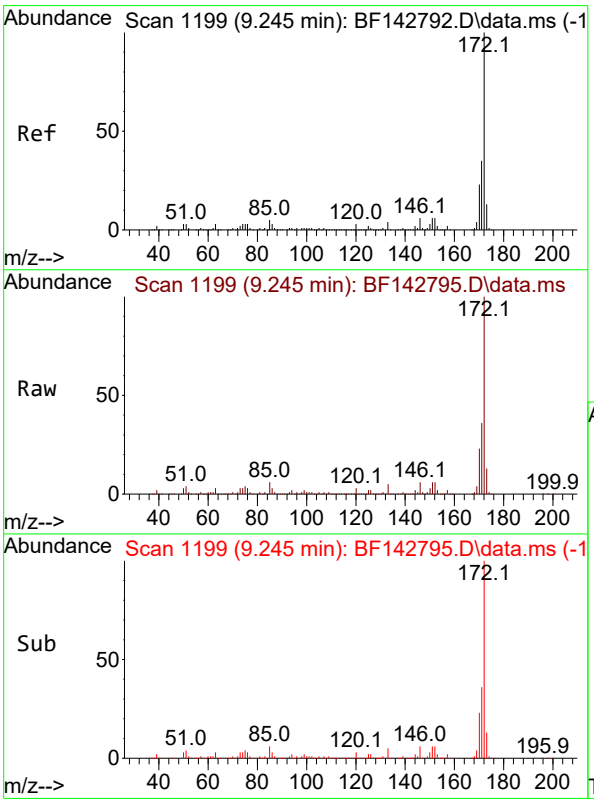
#44
2,4,5-Trichlorophenol
Concen: 76.993 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

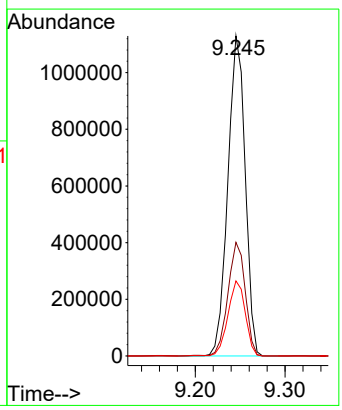


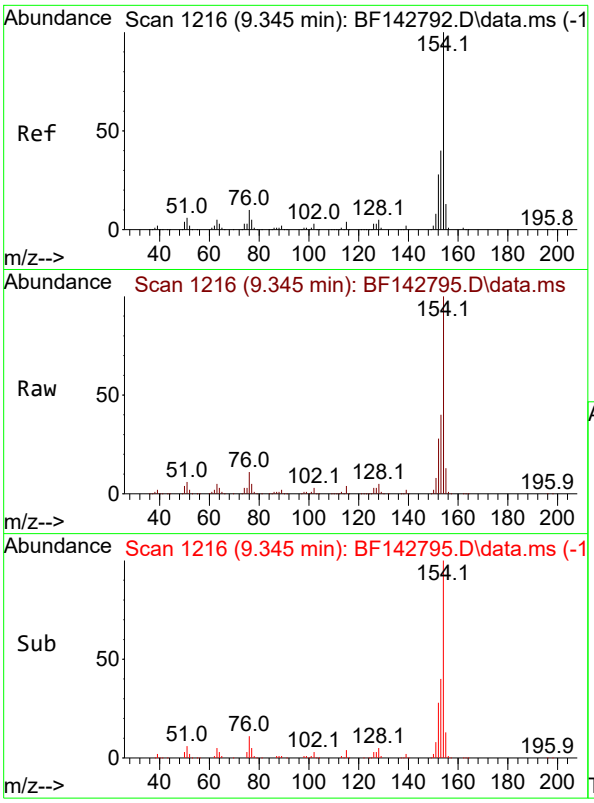


#45
2-Fluorobiphenyl
Concen: 143.770 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



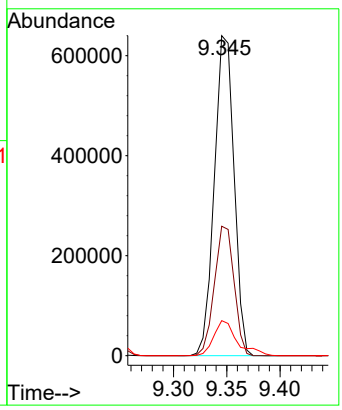


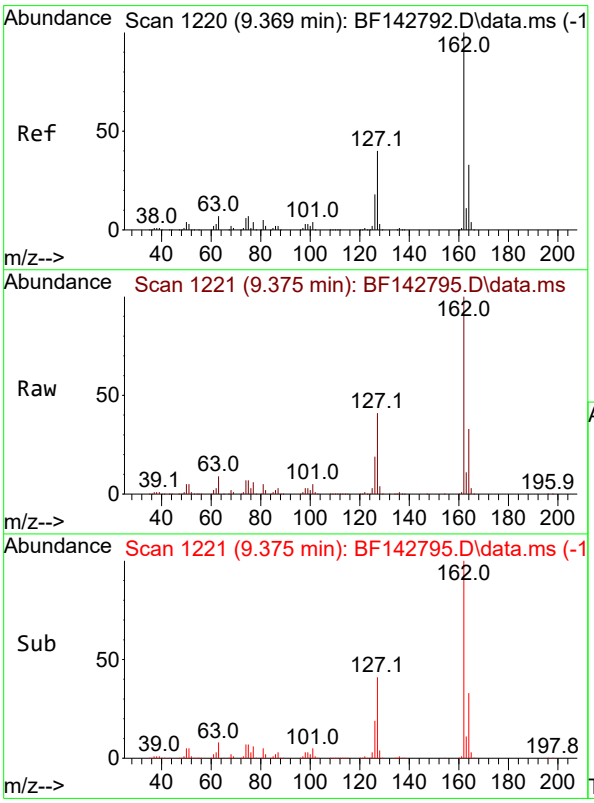
#46
1,1'-Biphenyl
Concen: 75.525 ng
RT: 9.345 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

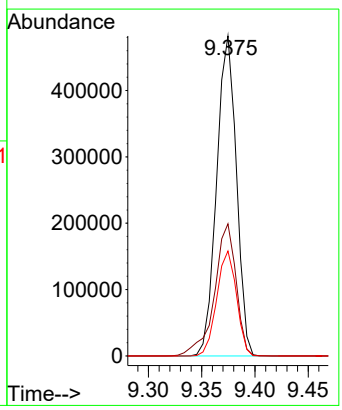


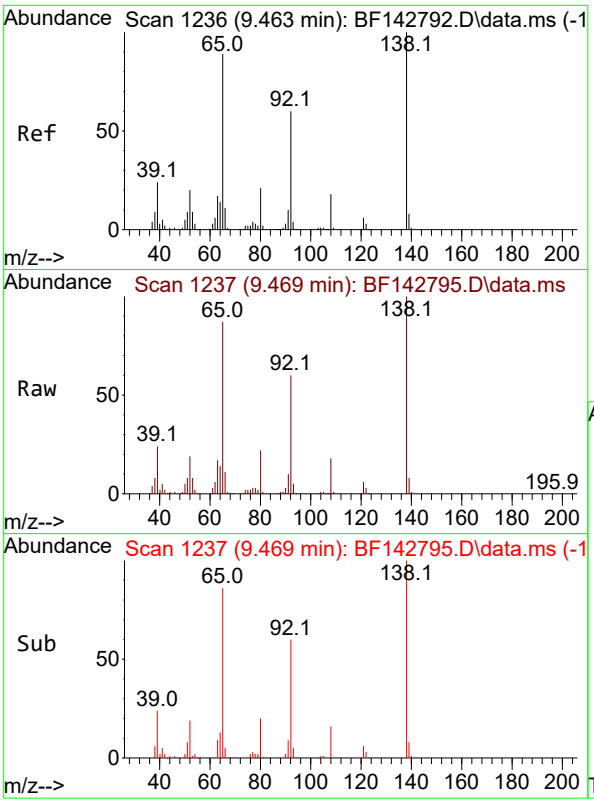


#47
2-Chloronaphthalene
Concen: 77.199 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



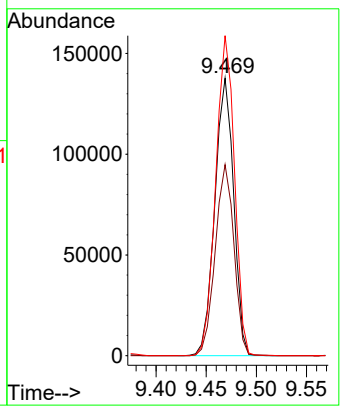


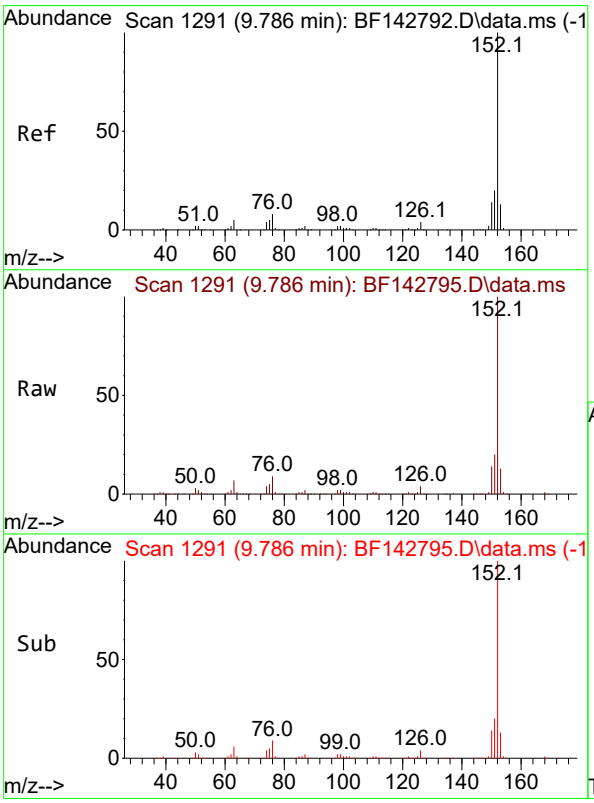
#48
2-Nitroaniline
Concen: 78.716 ng
RT: 9.469 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

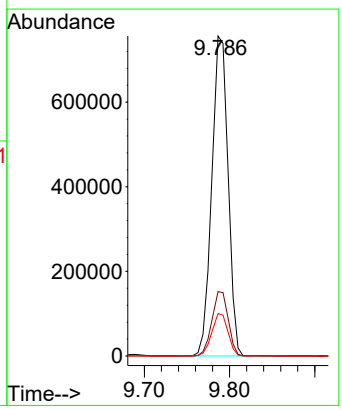


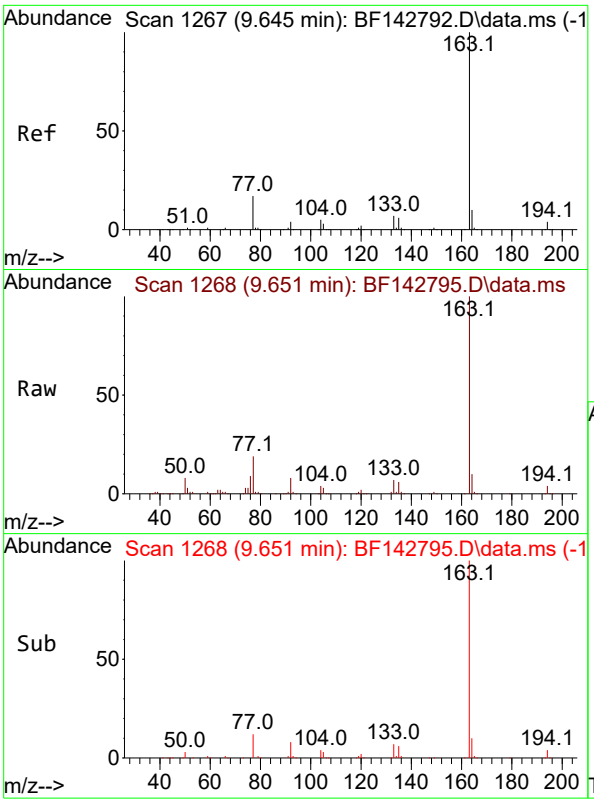


#49
Acenaphthylene
Concen: 74.207 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



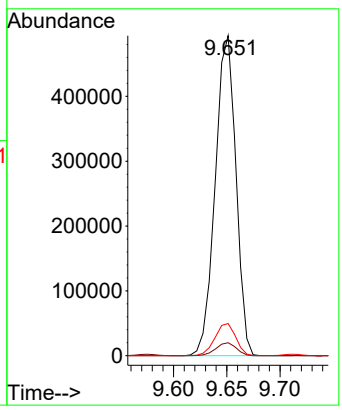


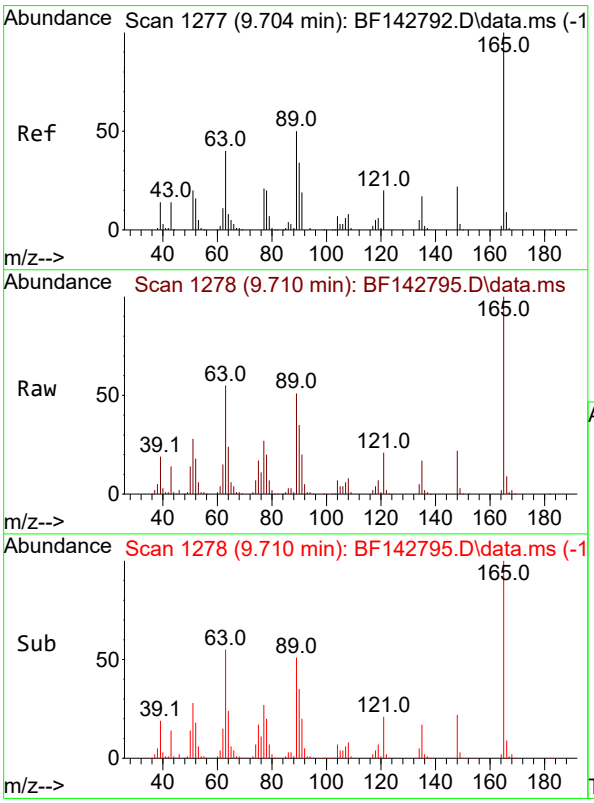
#50
Dimethylphthalate
Concen: 71.510 ng
RT: 9.651 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

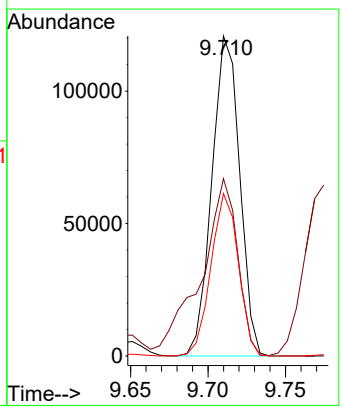


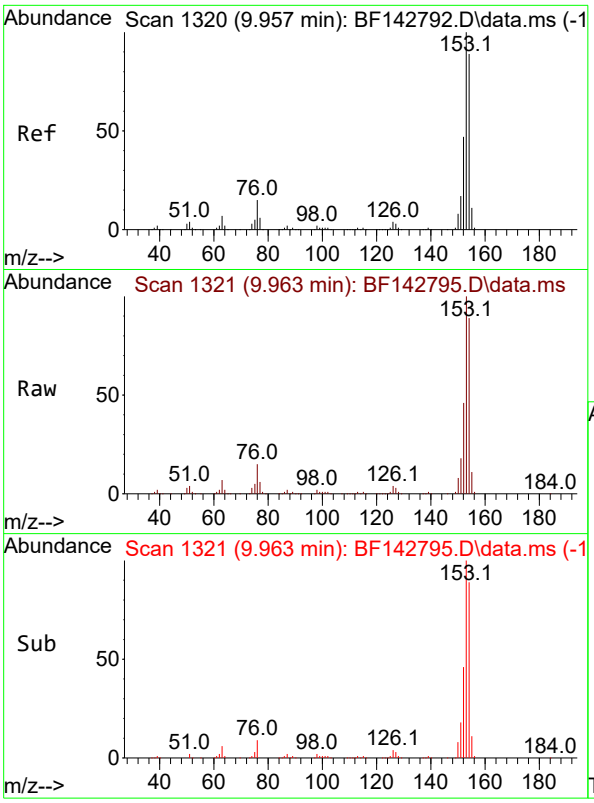


#51
2,6-Dinitrotoluene
Concen: 74.654 ng
RT: 9.710 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



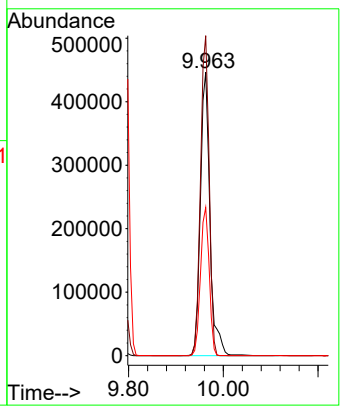


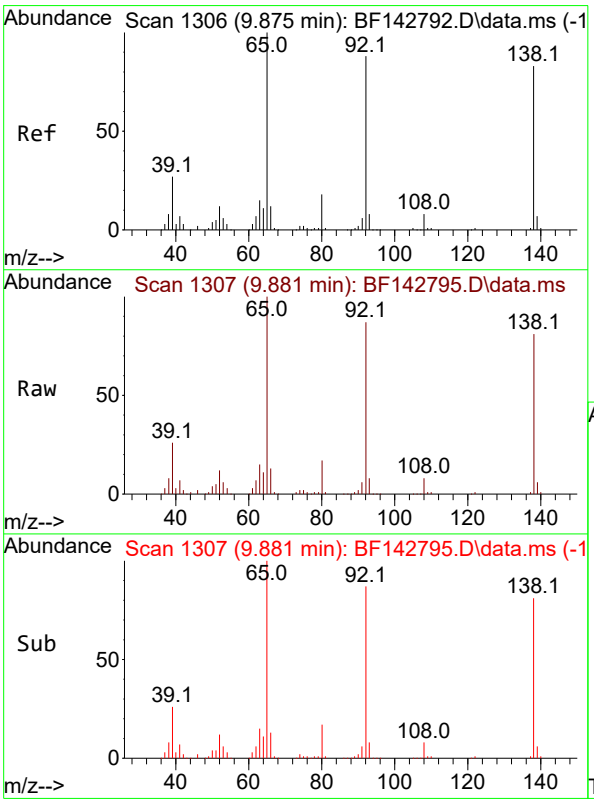
#52
Acenaphthene
Concen: 74.322 ng
RT: 9.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

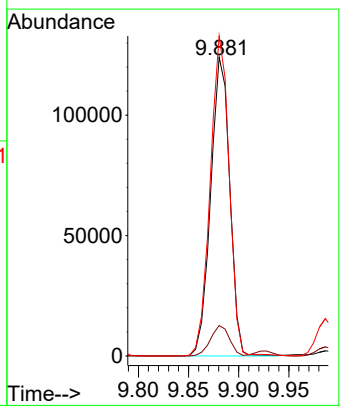


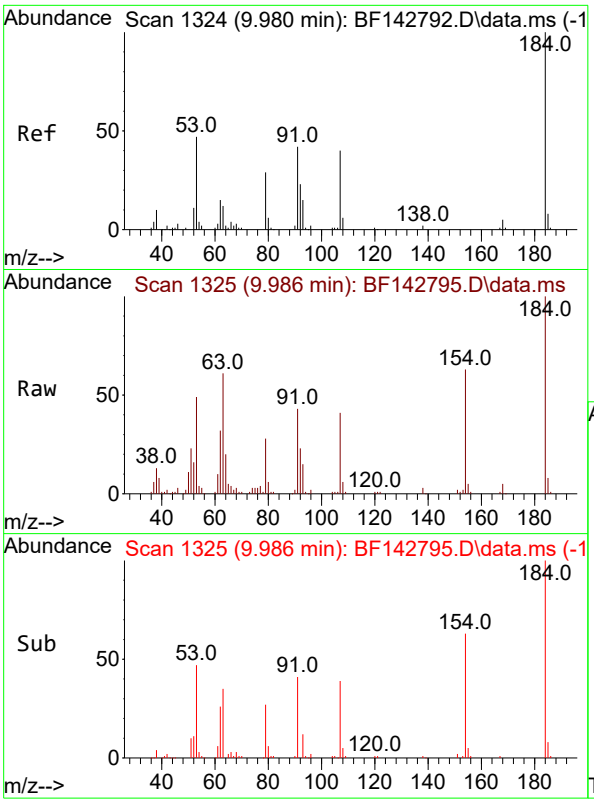


#53
3-Nitroaniline
Concen: 74.903 ng
RT: 9.881 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



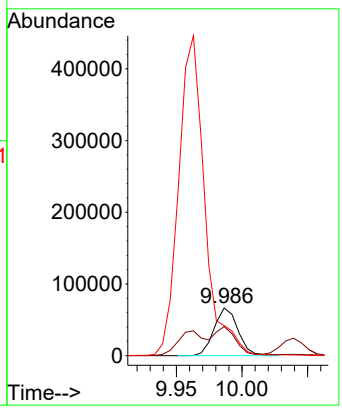


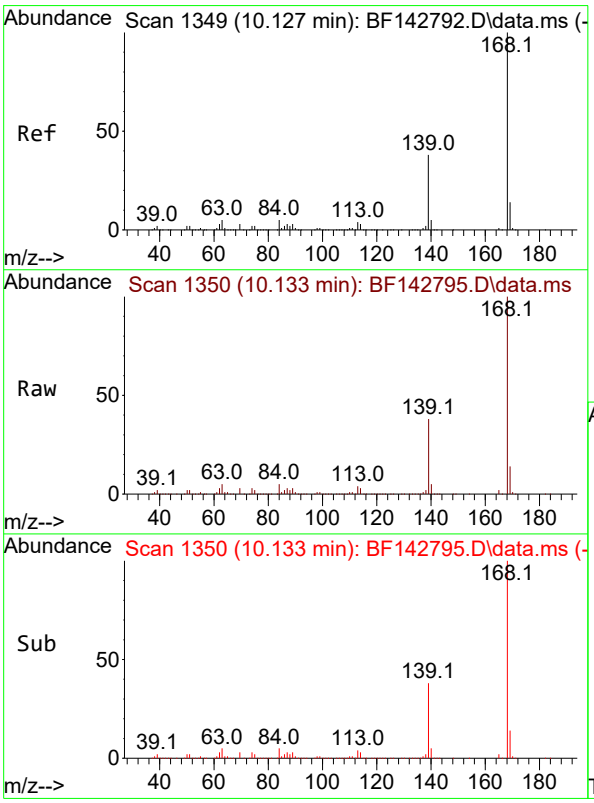
#54
2,4-Dinitrophenol
Concen: 78.050 ng
RT: 9.986 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

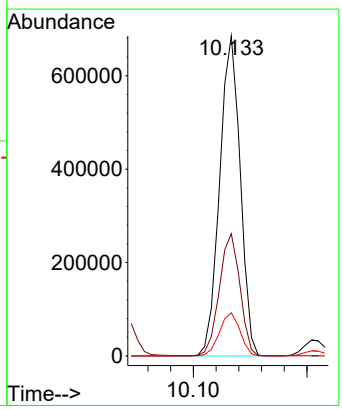


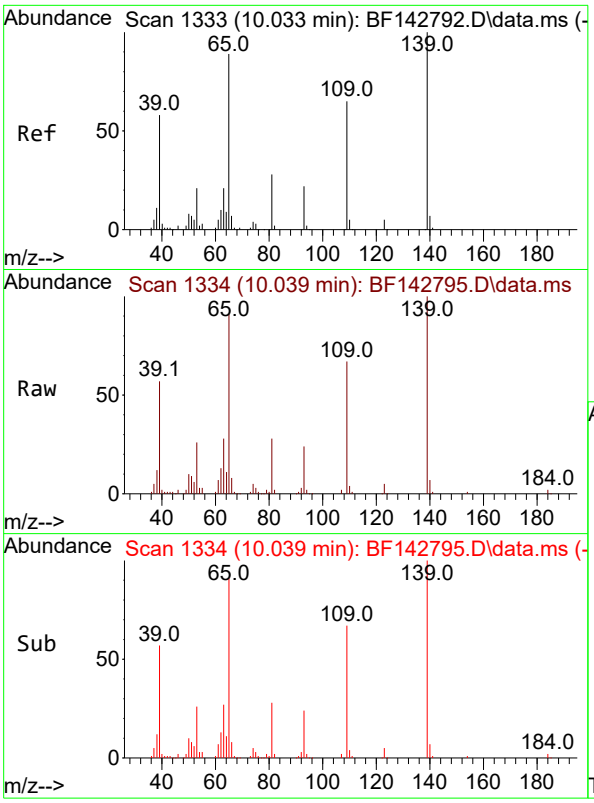


#55
Dibenzofuran
Concen: 72.277 ng
RT: 10.133 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



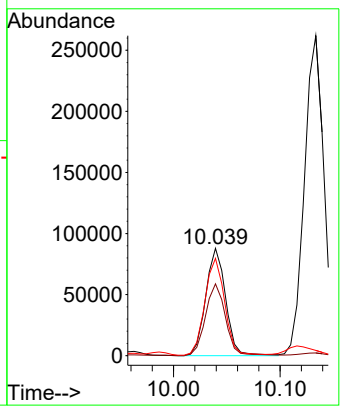


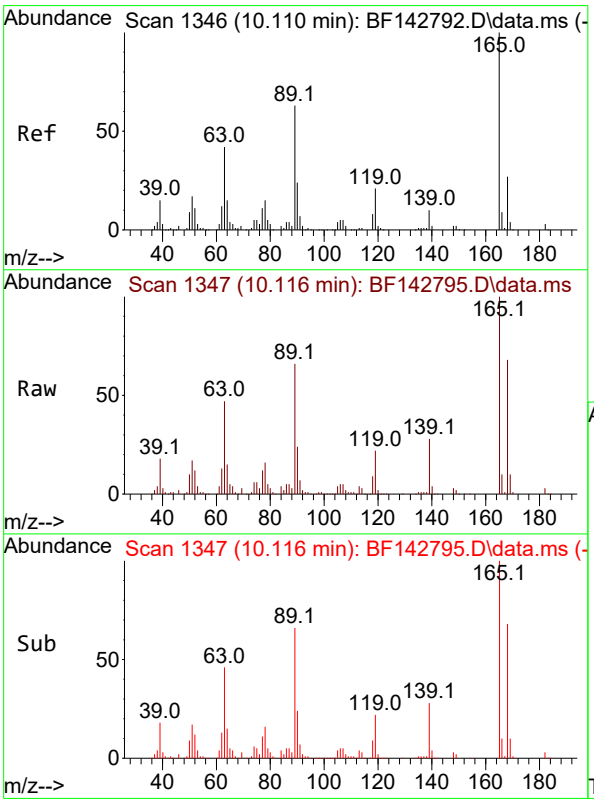
#56
4-Nitrophenol
Concen: 76.771 ng
RT: 10.039 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

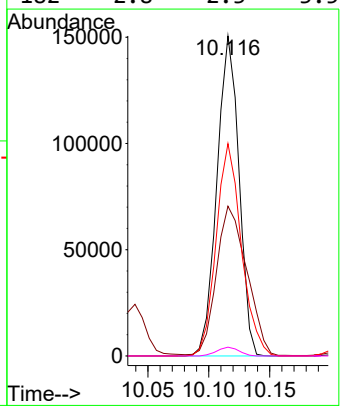


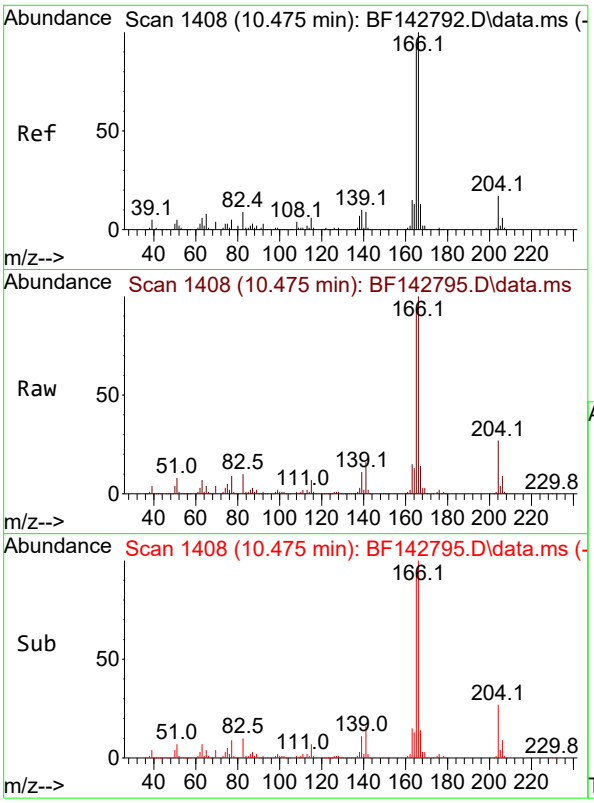


#57
2,4-Dinitrotoluene
Concen: 71.128 ng
RT: 10.116 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



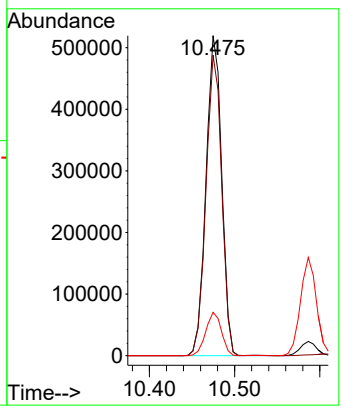


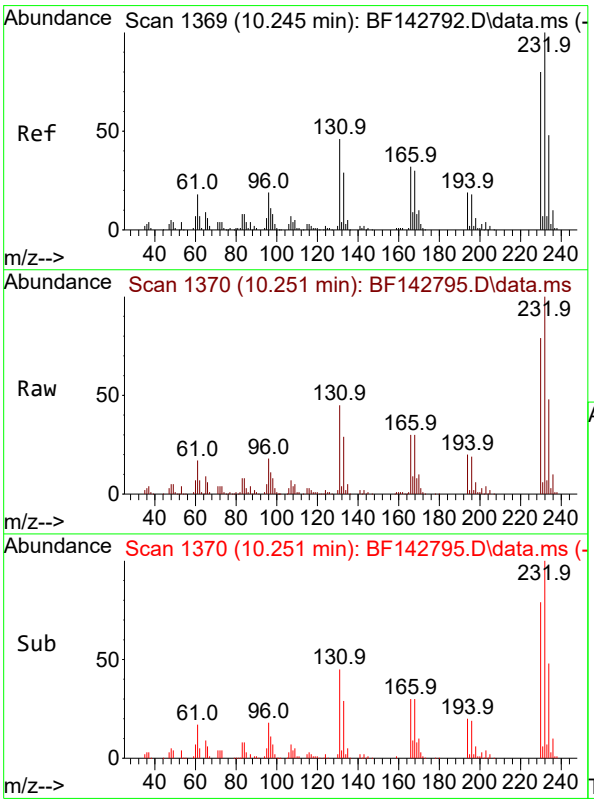
#58
Fluorene
Concen: 70.475 ng
RT: 10.475 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

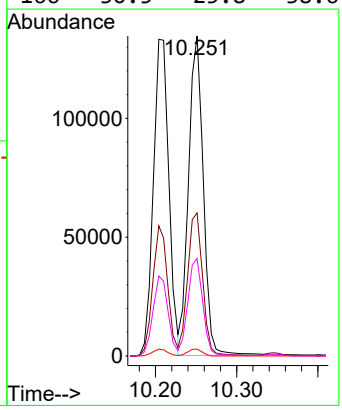


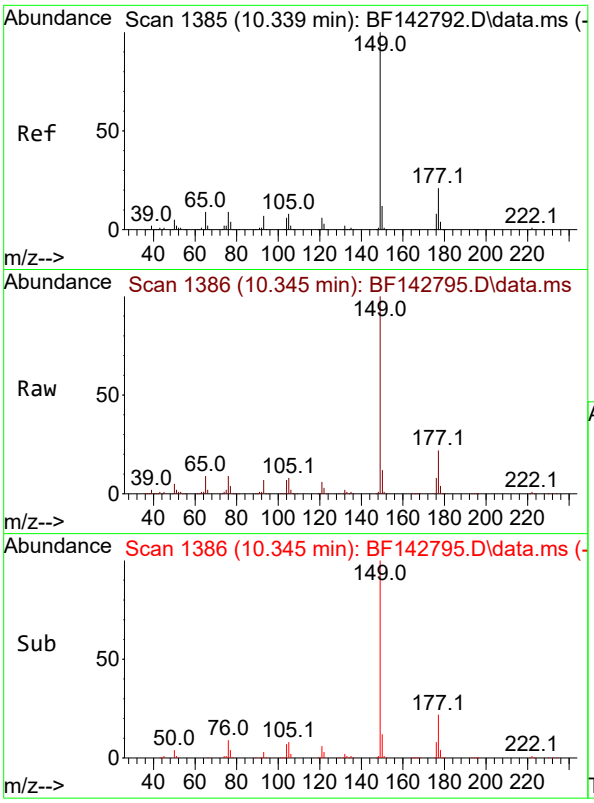


#59
2,3,4,6-Tetrachlorophenol
Concen: 71.850 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



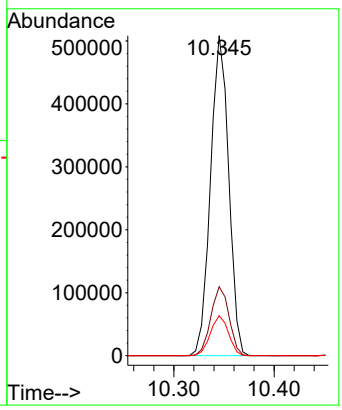


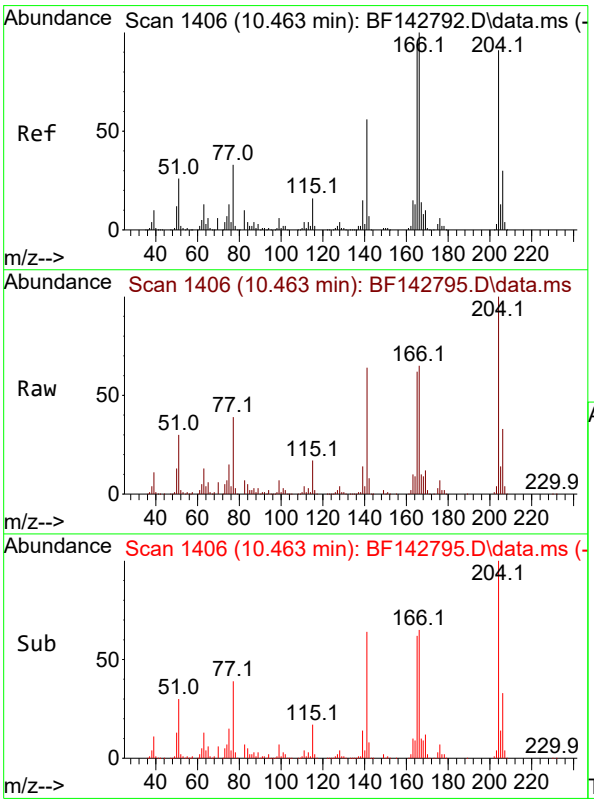
#60
Diethylphthalate
Concen: 69.265 ng
RT: 10.345 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

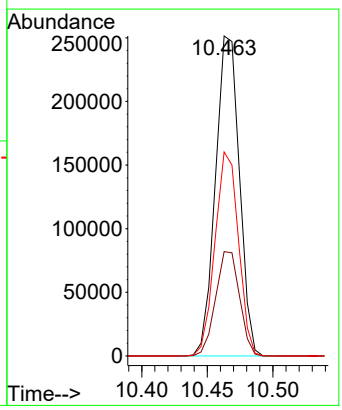


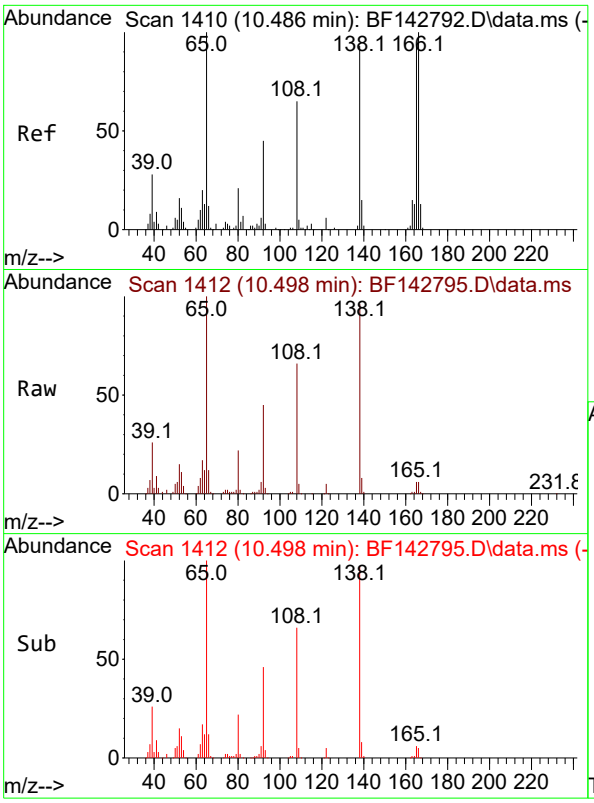


#61
4-Chlorophenyl-phenylether
Concen: 69.722 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



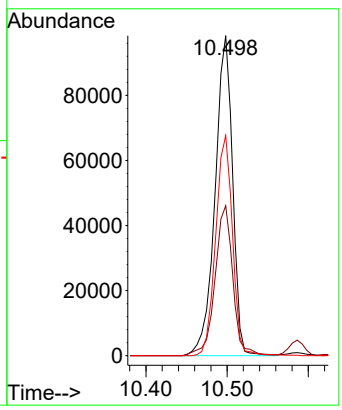


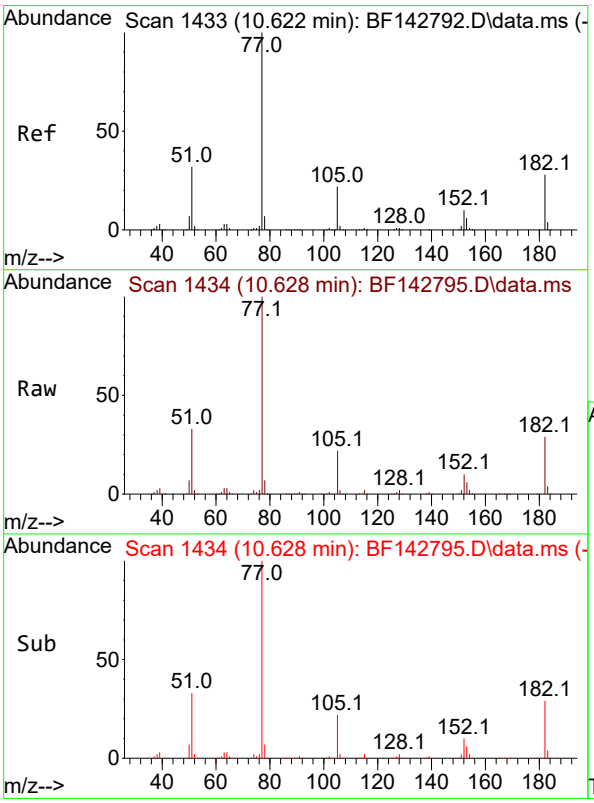
#62
4-Nitroaniline
Concen: 75.193 ng
RT: 10.498 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

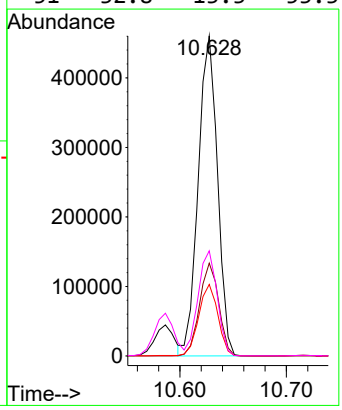


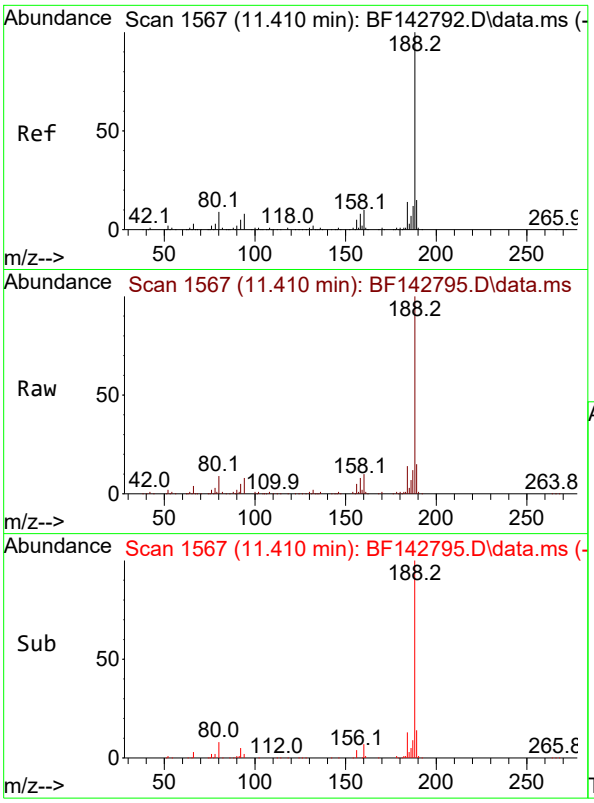


#63
Azobenzene
Concen: 71.659 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



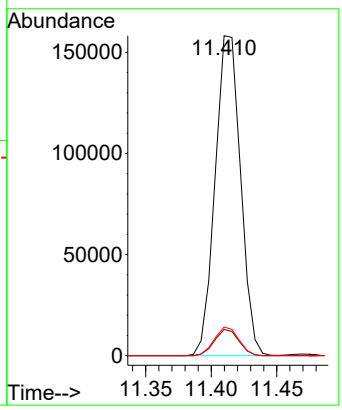


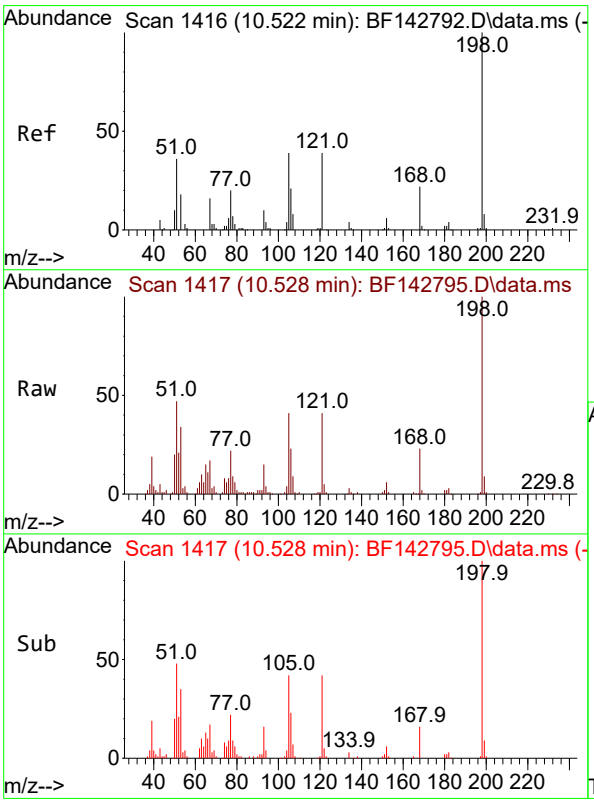
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

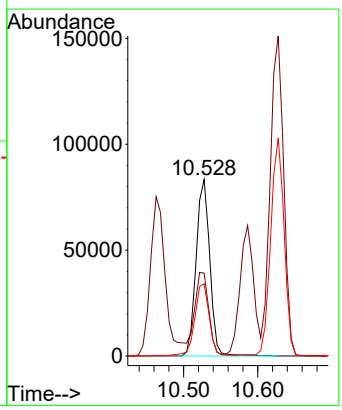


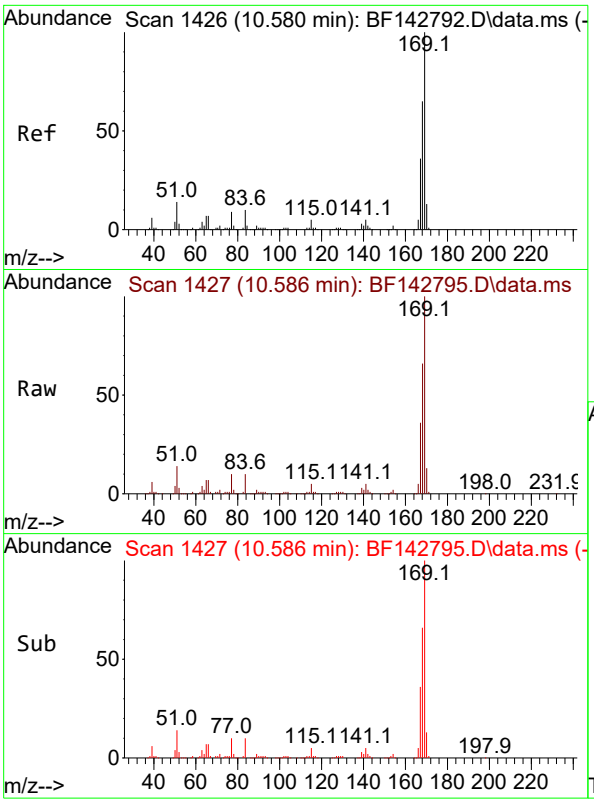


#65
4,6-Dinitro-2-methylphenol
Concen: 80.401 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



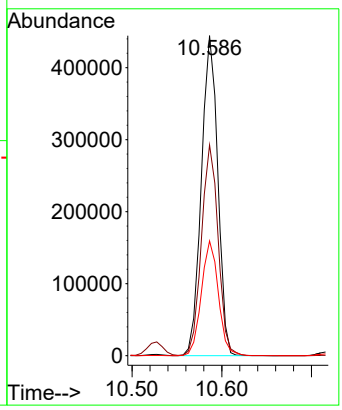


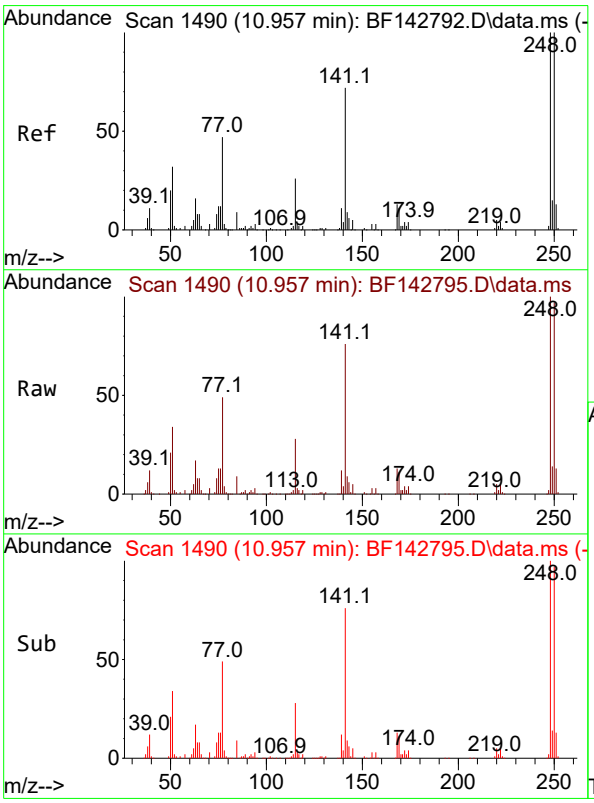
#66
n-Nitrosodiphenylamine
Concen: 77.075 ng
RT: 10.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

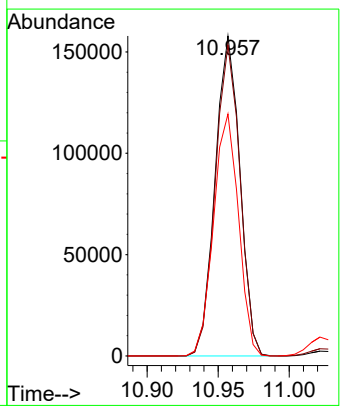


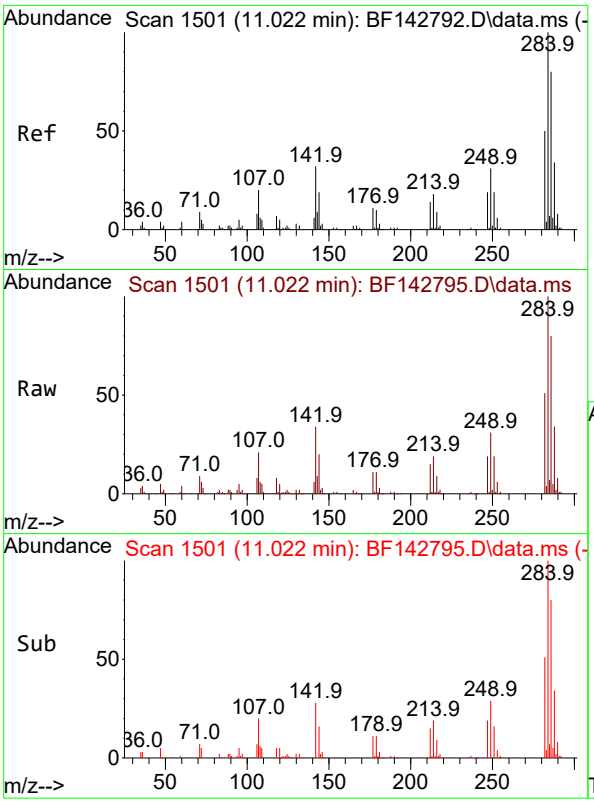


#67
4-Bromophenyl-phenylether
Concen: 76.768 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



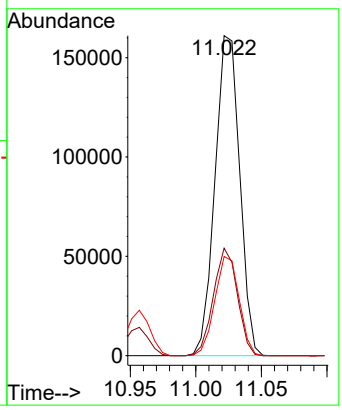


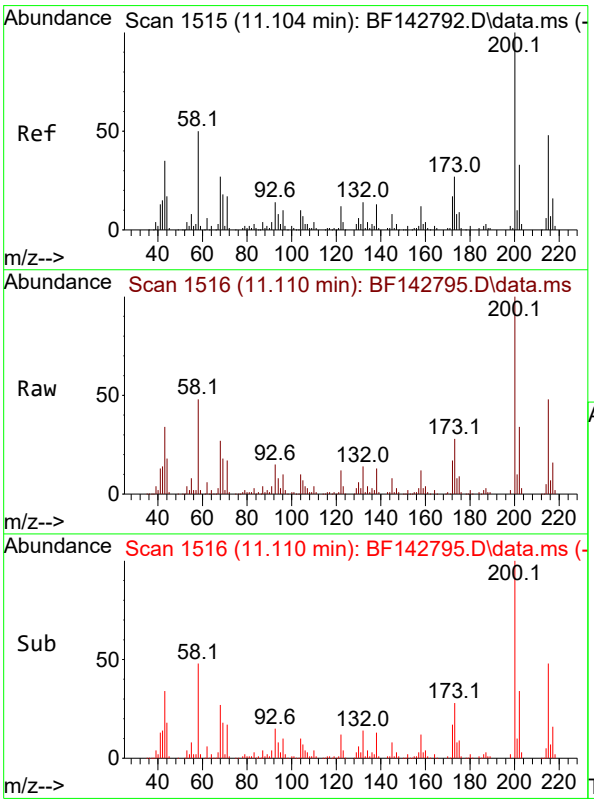
#68
Hexachlorobenzene
Concen: 76.086 ng
RT: 11.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

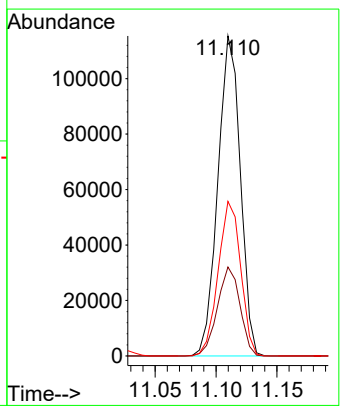


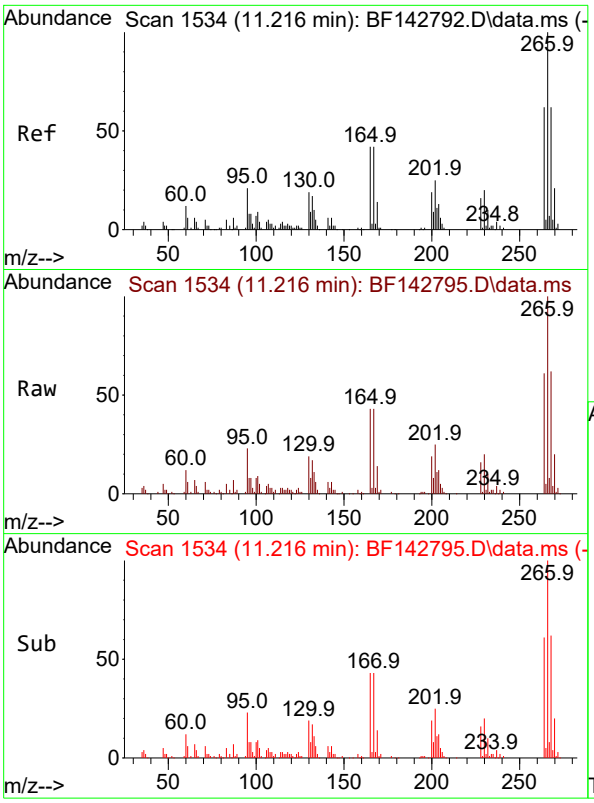


#69
Atrazine
Concen: 76.143 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



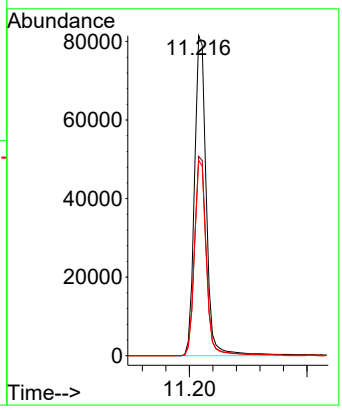


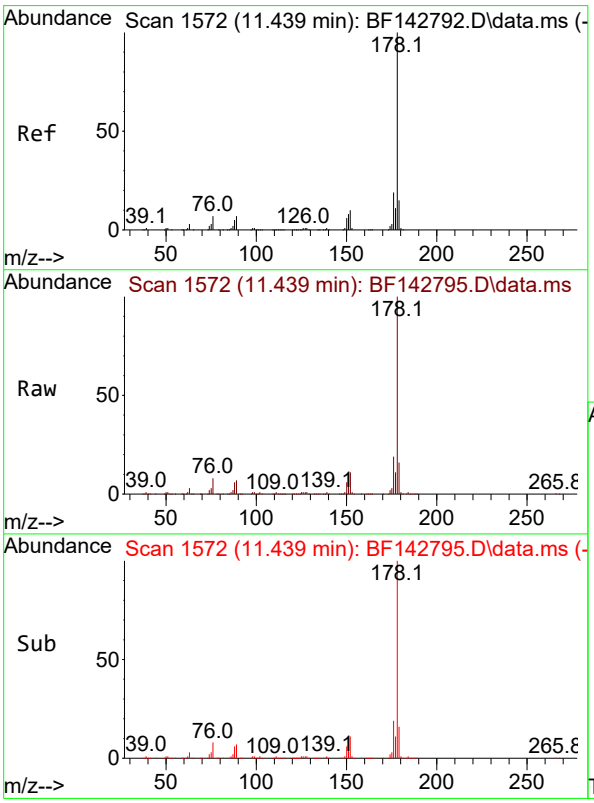
#70
Pentachlorophenol
Concen: 78.555 ng
RT: 11.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

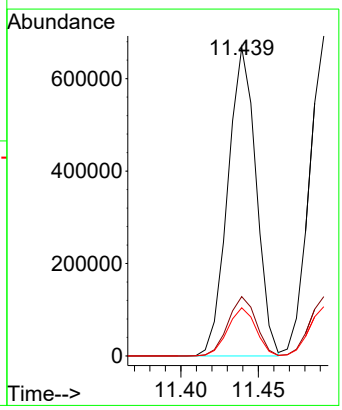


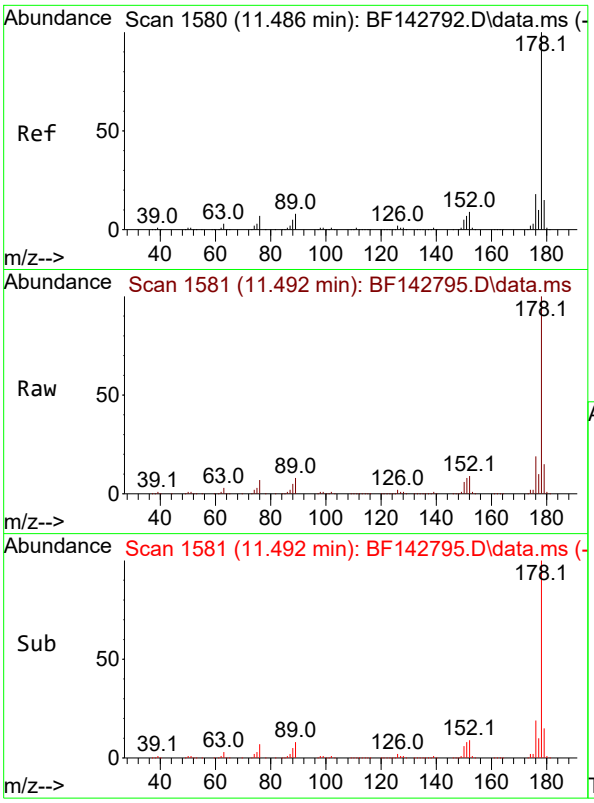


#71
Phenanthrene
Concen: 74.102 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



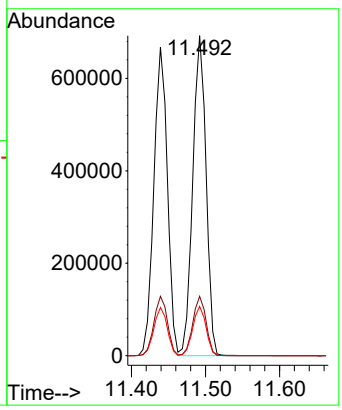


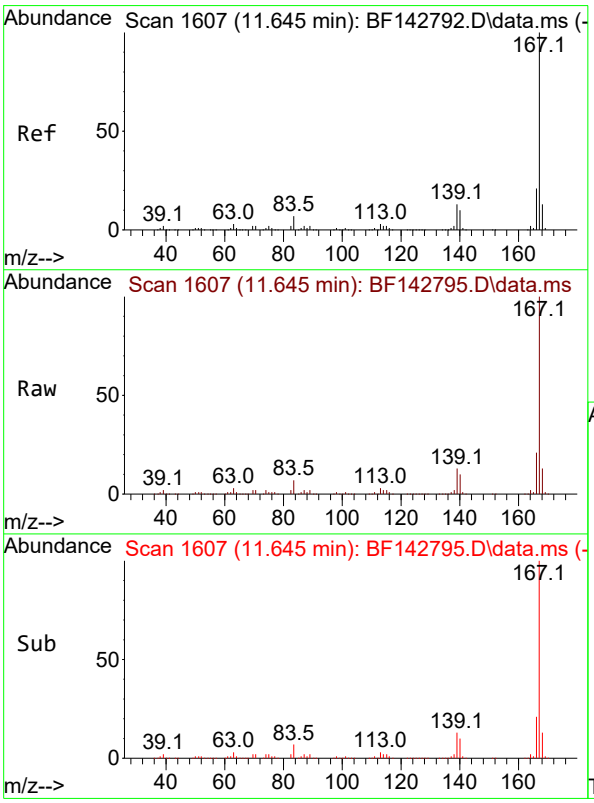
#72
Anthracene
Concen: 73.008 ng
RT: 11.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

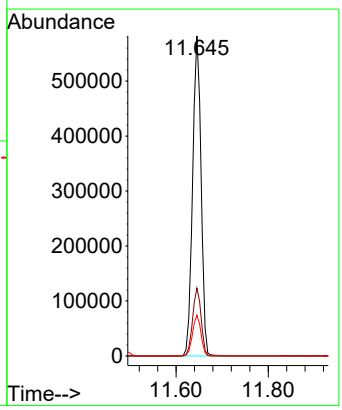


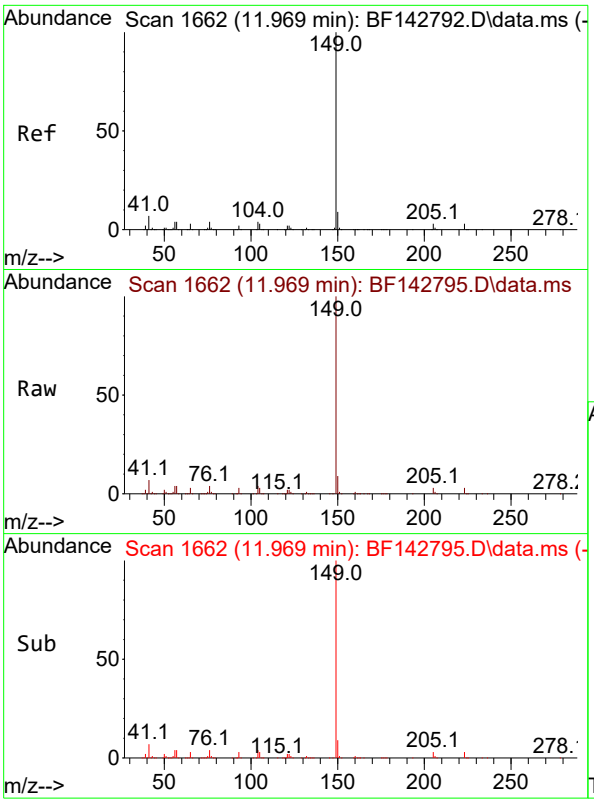


#73
Carbazole
Concen: 74.602 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



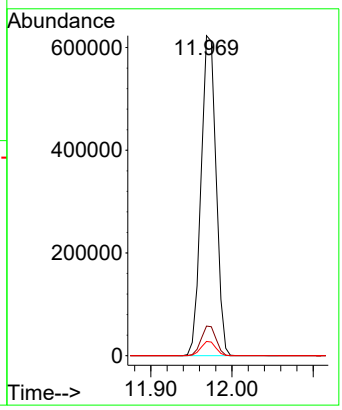


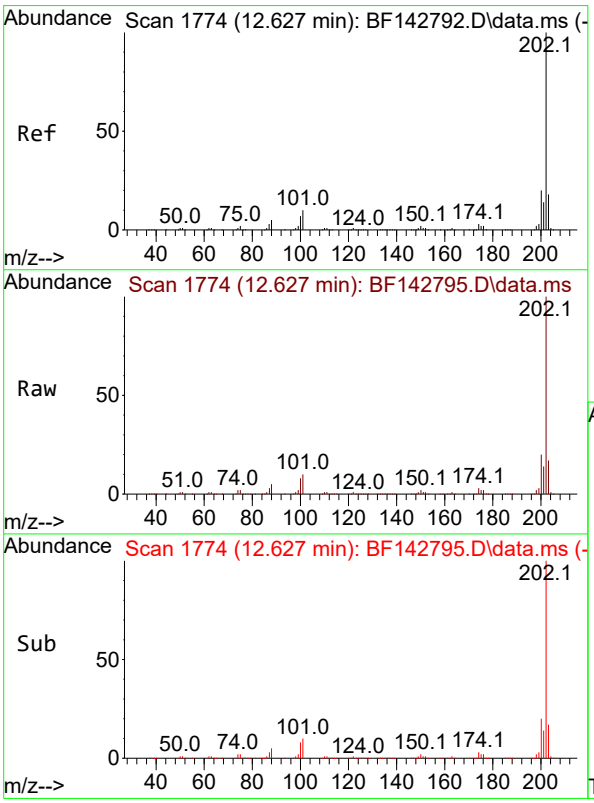
#74
Di-n-butylphthalate
Concen: 72.884 ng
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

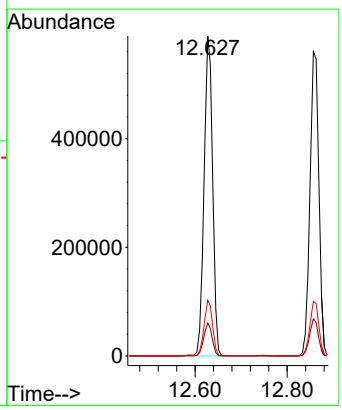


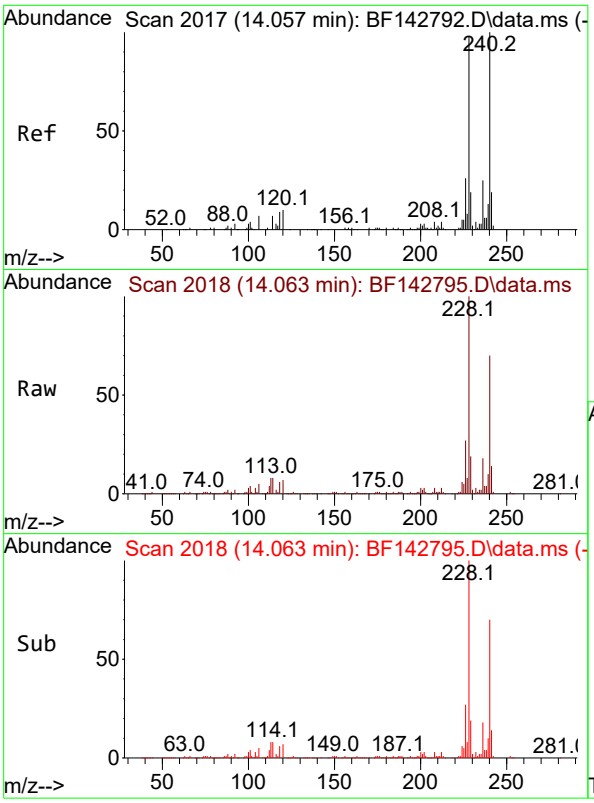


#75
Fluoranthene
Concen: 70.711 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



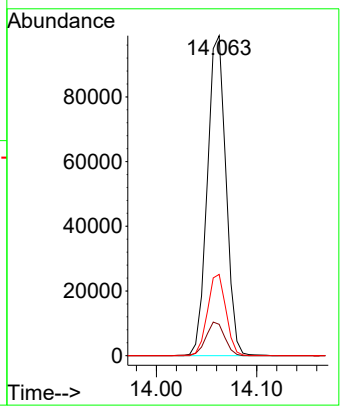


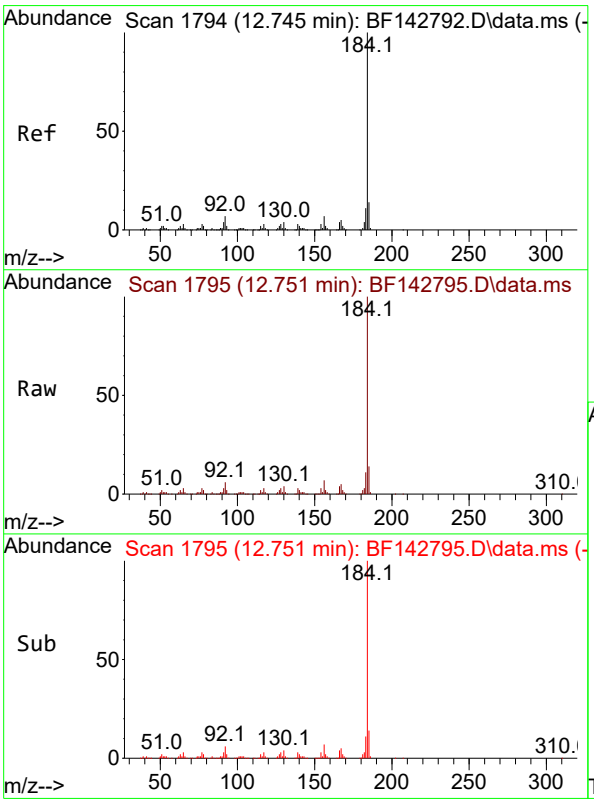
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

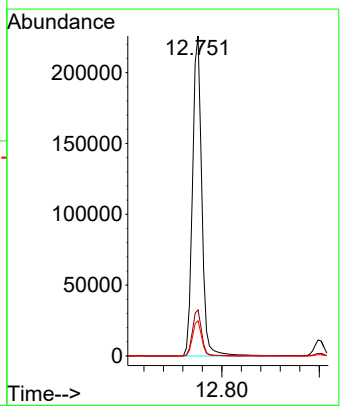


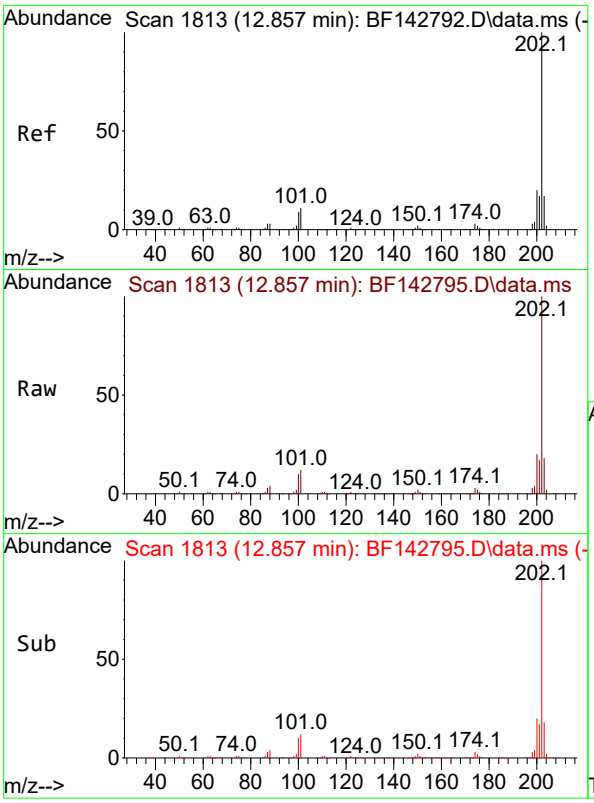


#77
Benzidine
Concen: 66.350 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



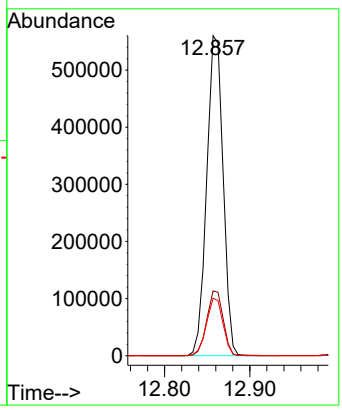


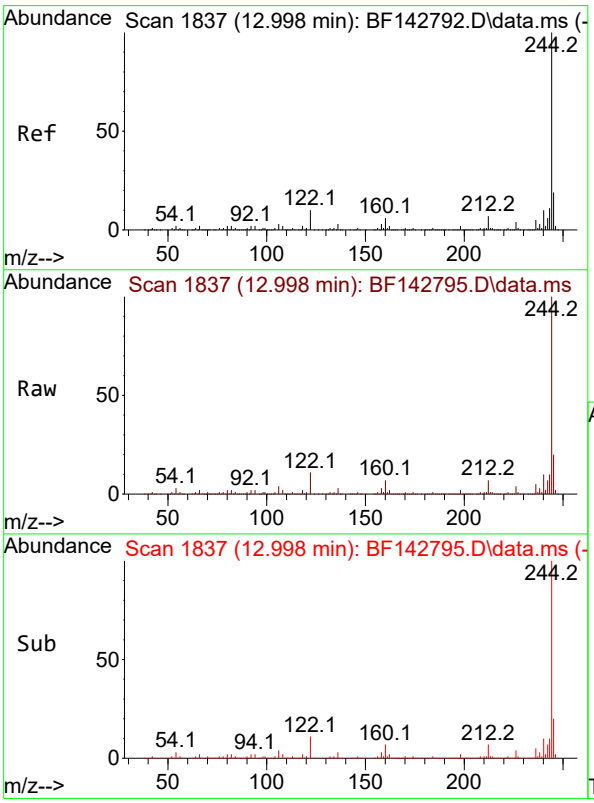
#78
Pyrene
Concen: 63.894 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

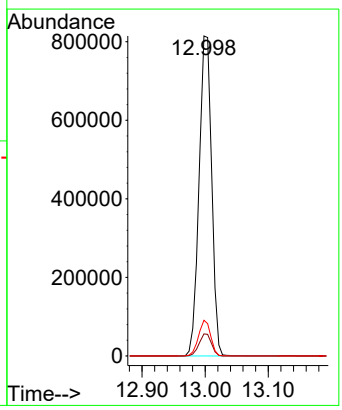


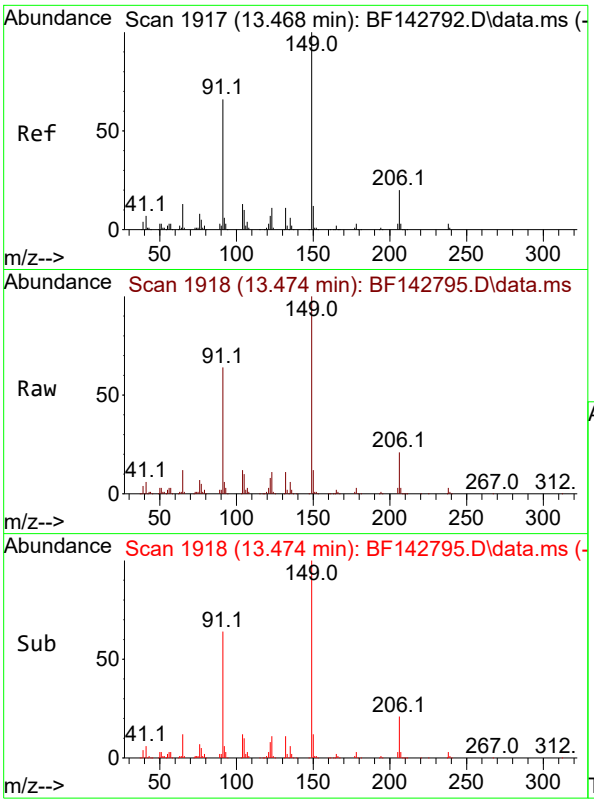


#79
Terphenyl-d14
Concen: 122.904 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



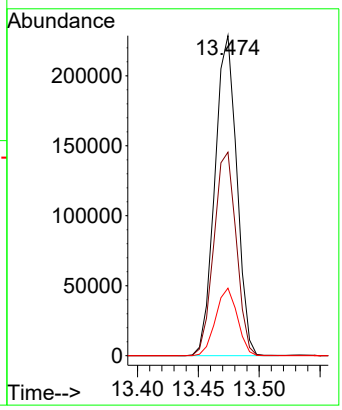


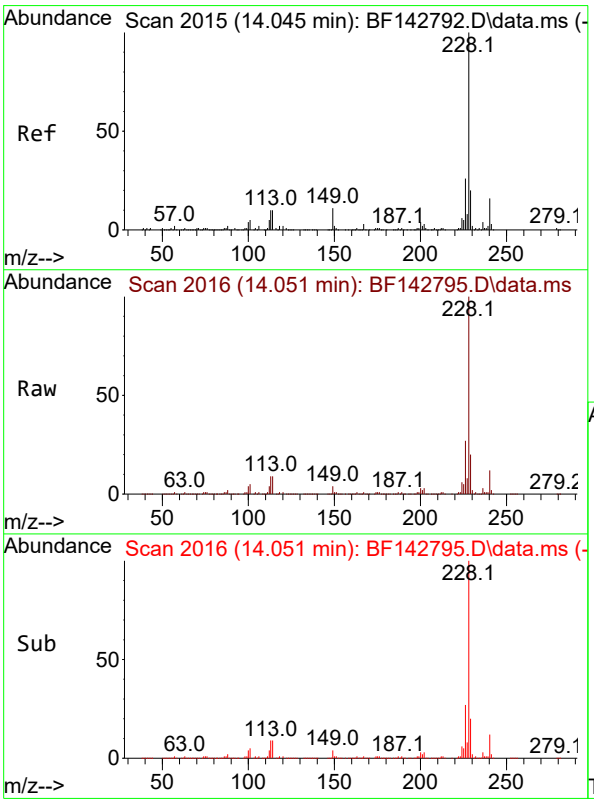
#80
Butylbenzylphthalate
Concen: 82.658 ng
RT: 13.474 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

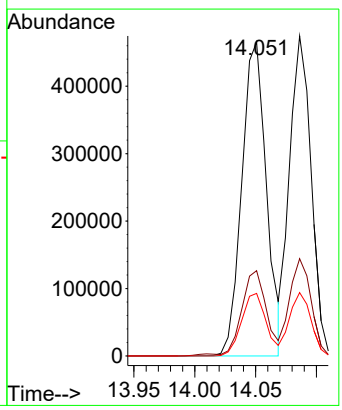


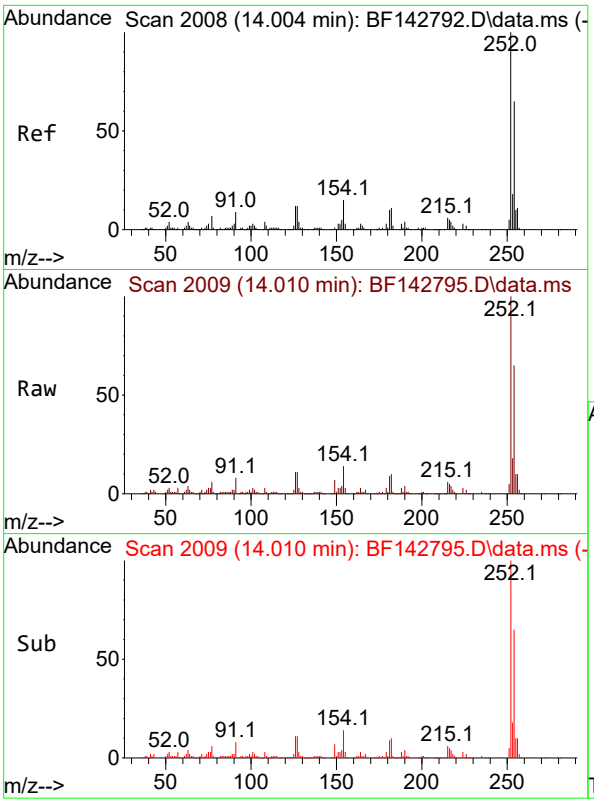


#81
Benzo(a)anthracene
Concen: 78.202 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



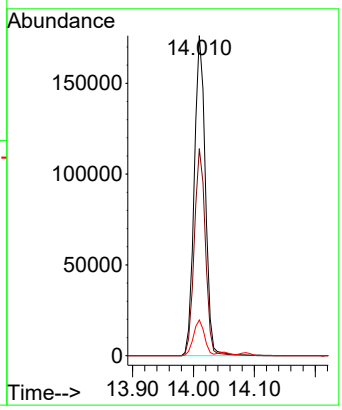


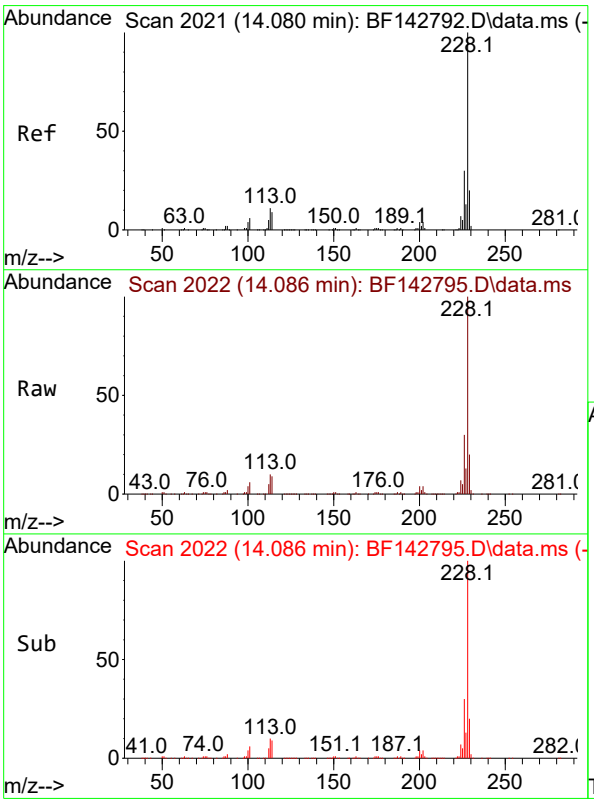
#82
3,3'-Dichlorobenzidine
Concen: 82.340 ng
RT: 14.010 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

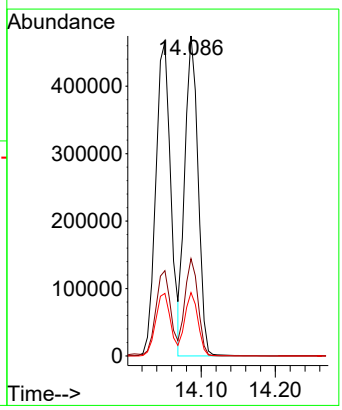


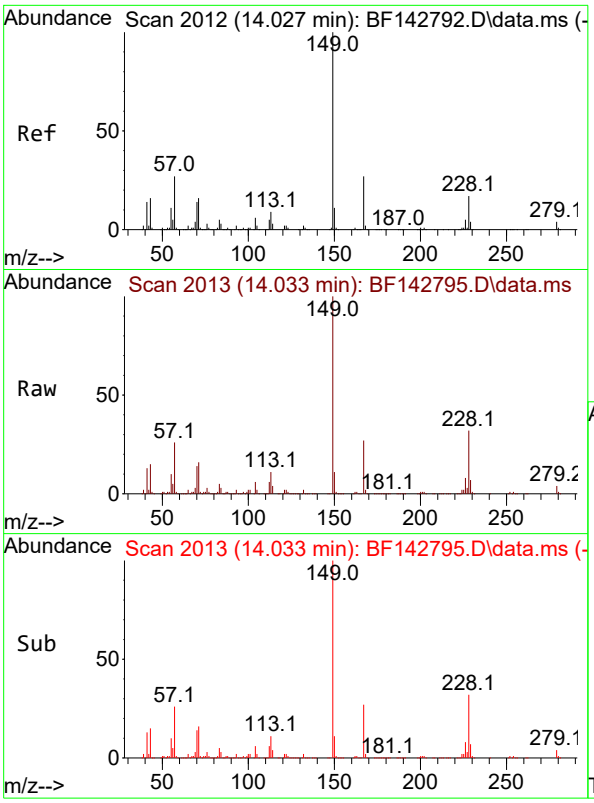


#83
Chrysene
Concen: 75.278 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



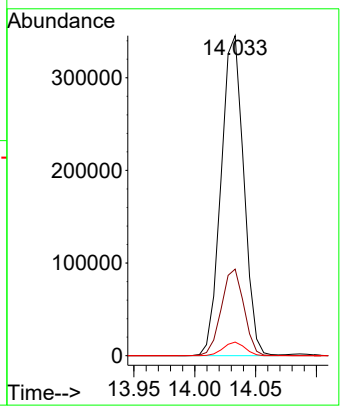


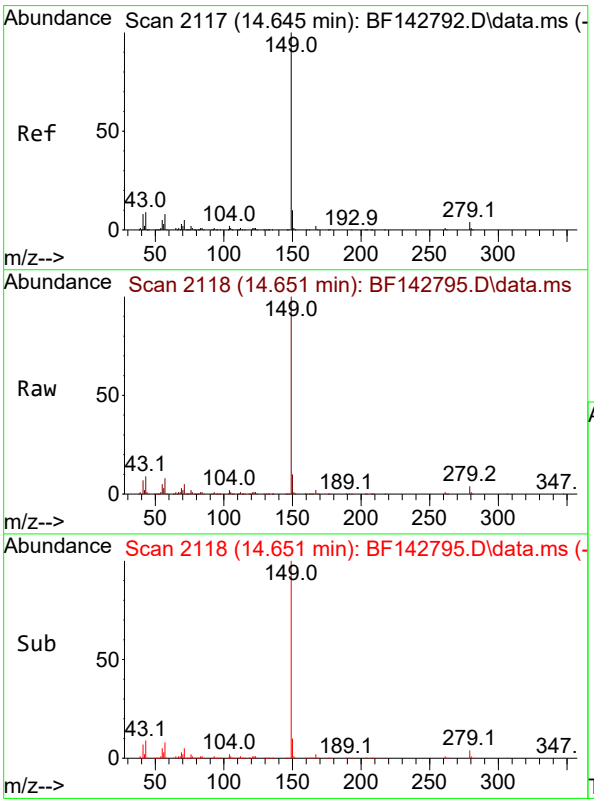
#84
Bis(2-ethylhexyl)phthalate
Concen: 86.499 ng
RT: 14.033 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

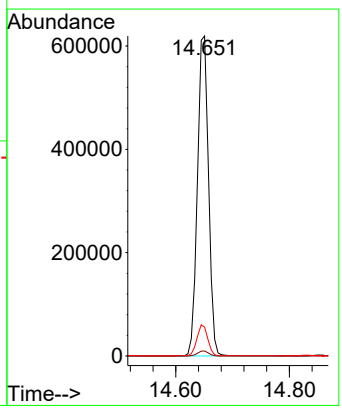


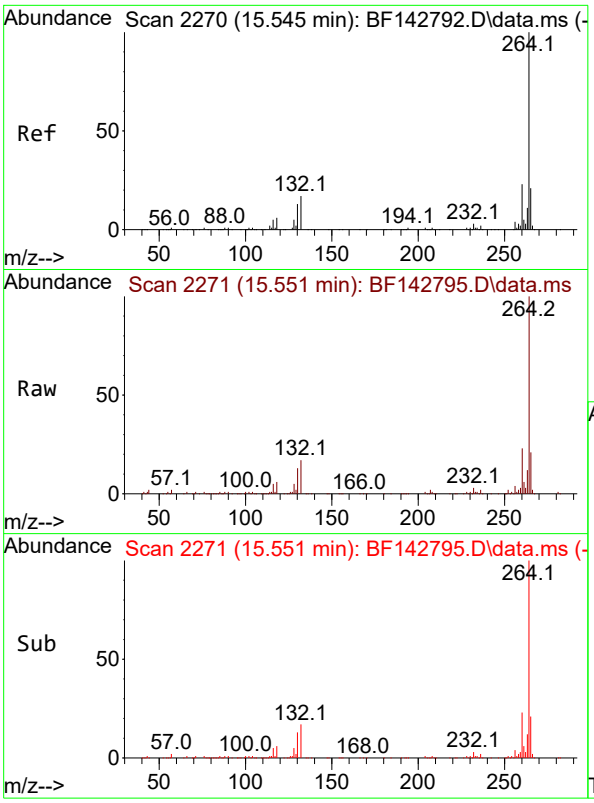


#85
Di-n-octyl phthalate
Concen: 85.366 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



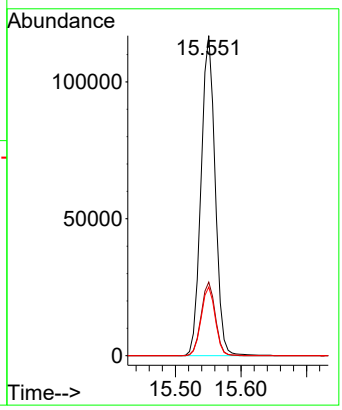


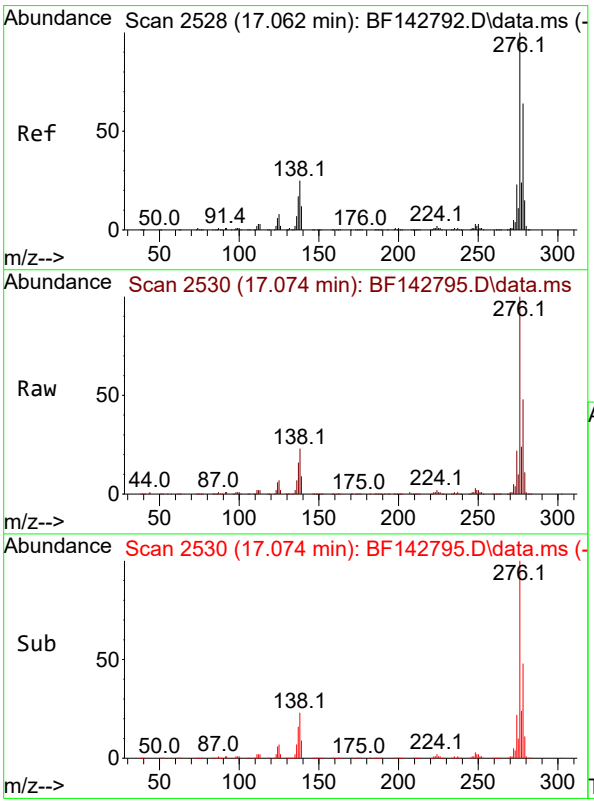
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

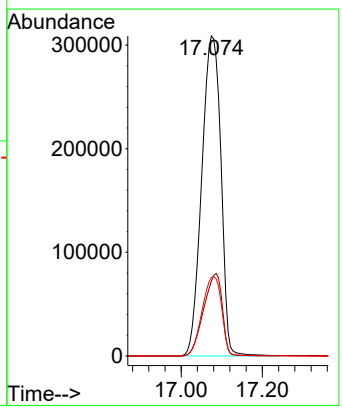


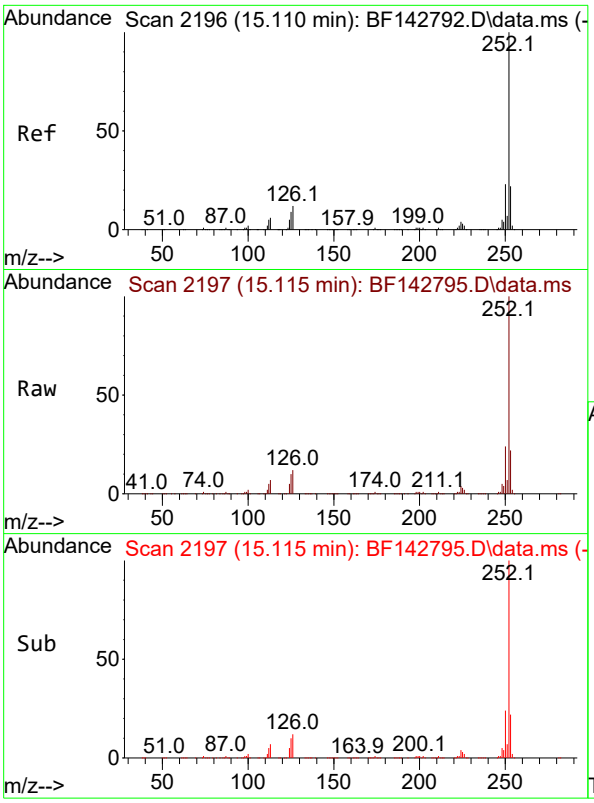


#87
Indeno(1,2,3-cd)pyrene
Concen: 78.036 ng
RT: 17.074 min Scan# 2530
Delta R.T. 0.012 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



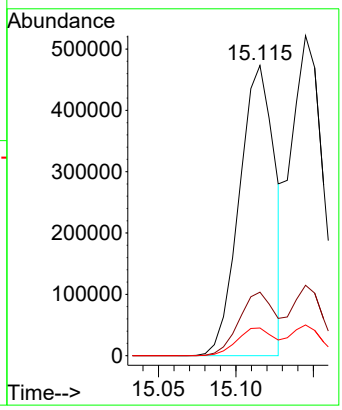


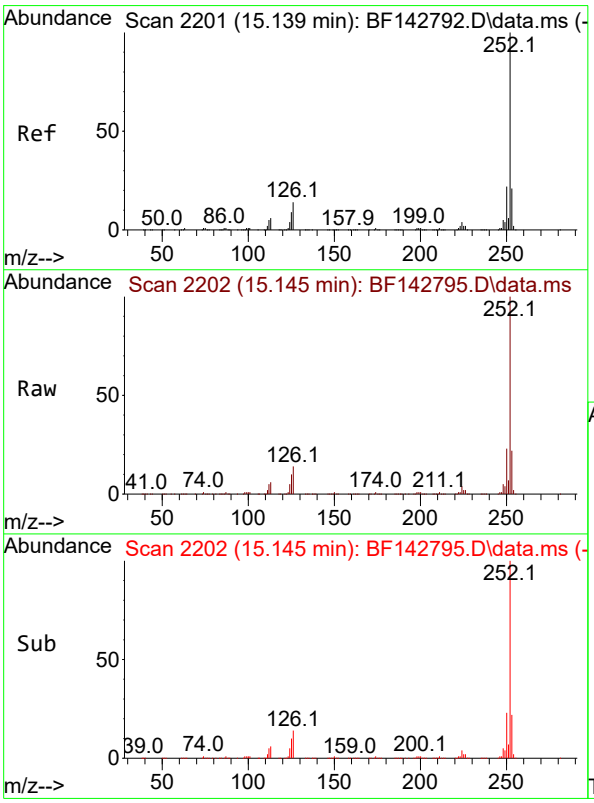
#88
Benzo(b)fluoranthene
Concen: 73.471 ng
RT: 15.115 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

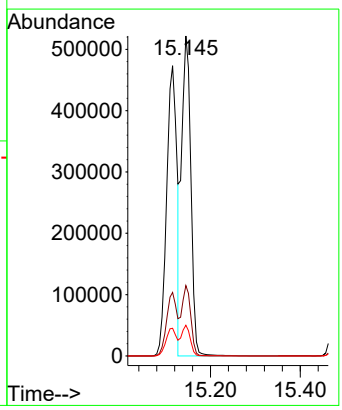


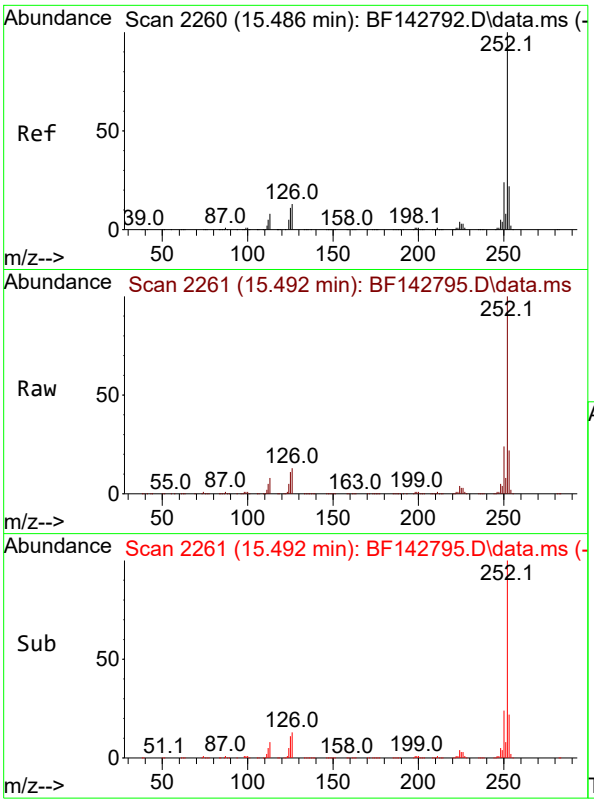


#89
Benzo(k)fluoranthene
Concen: 75.108 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



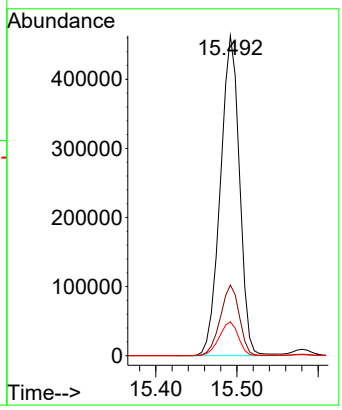


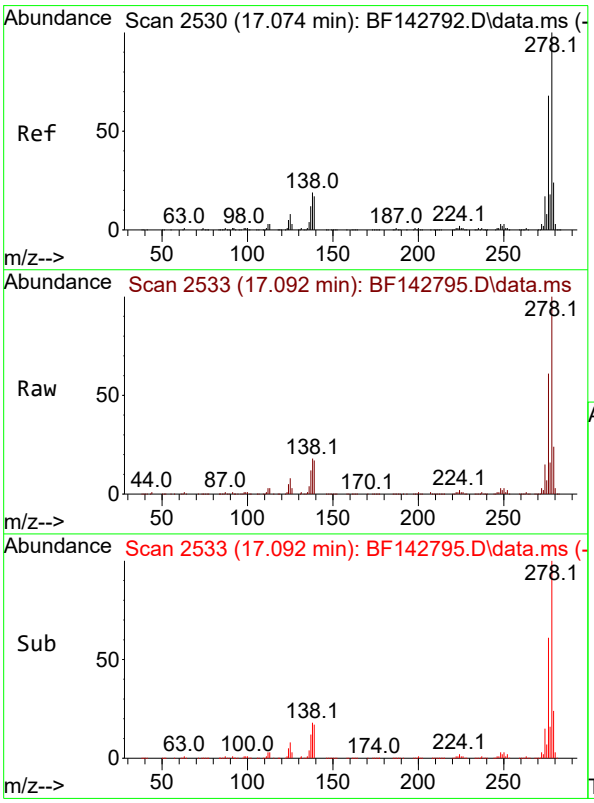
#90
Benzo(a)pyrene
Concen: 77.813 ng
RT: 15.492 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

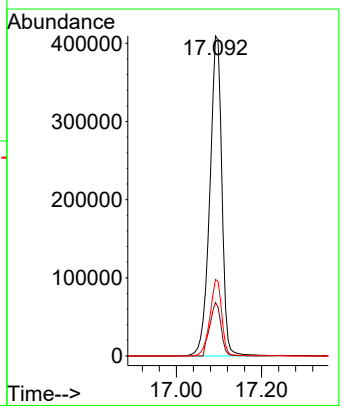


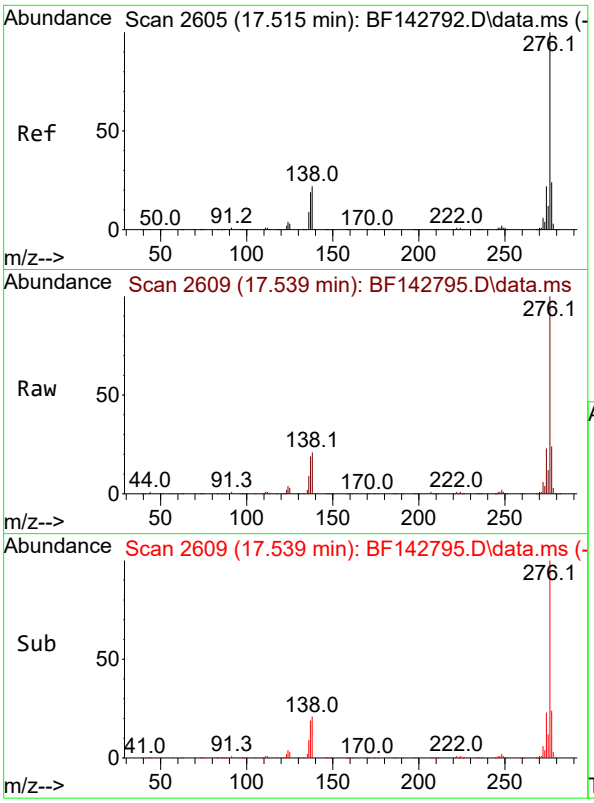


#91
Dibenzo(a,h)anthracene
Concen: 76.662 ng
RT: 17.092 min Scan# 2533
Delta R.T. 0.018 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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



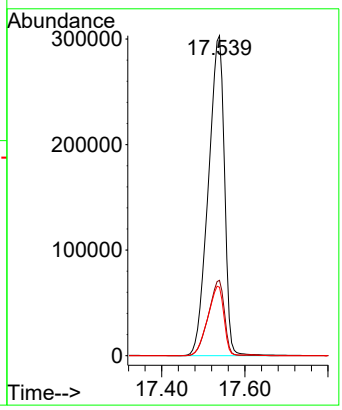


#92
Benzo(g,h,i)perylene
Concen: 77.429 ng
RT: 17.539 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF142795.D
Acq: 19 Jun 2025 20:40

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

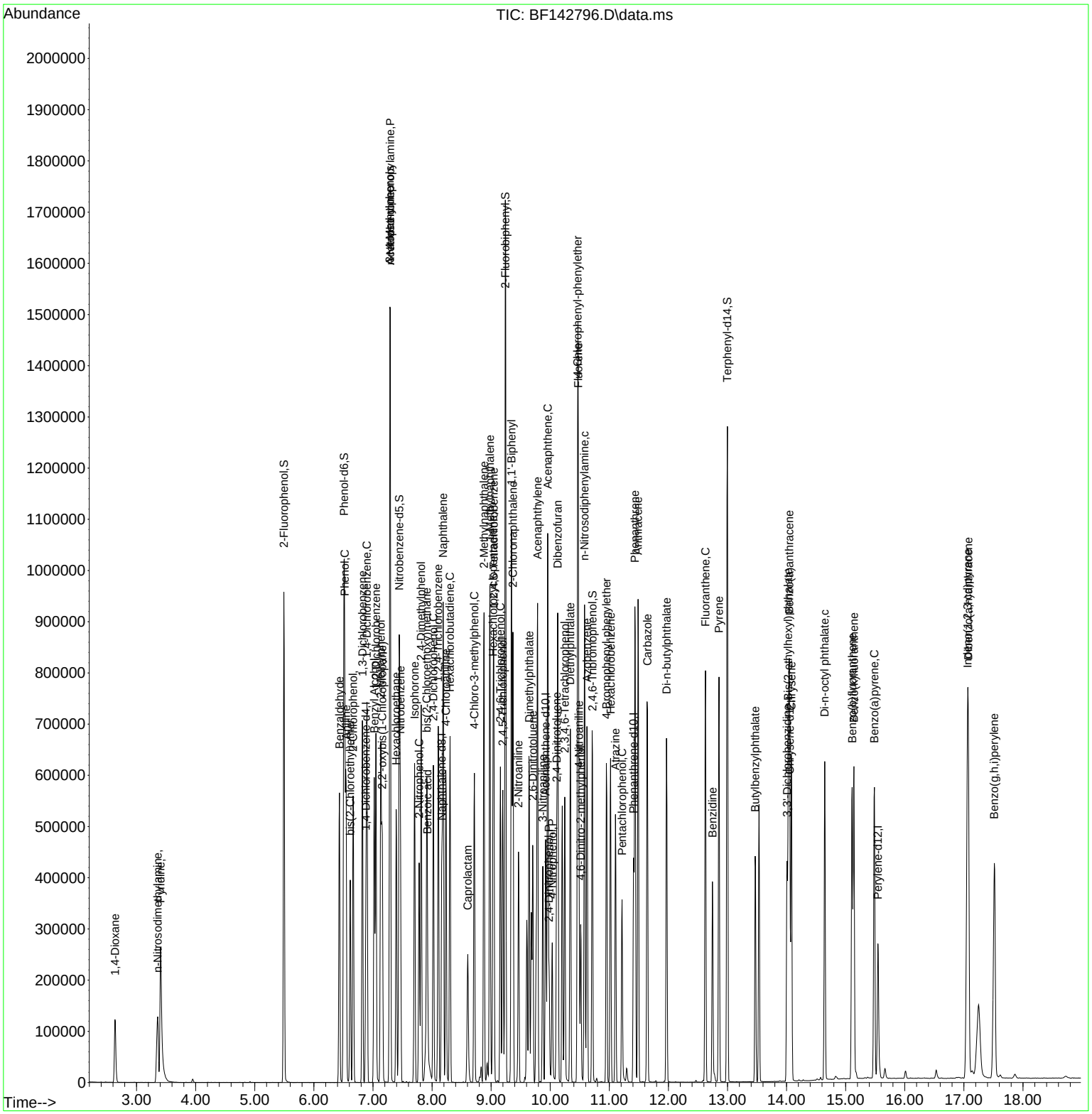
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	124558	43.045	ng	99
46) 1,1'-Biphenyl	9.345	154	476133	42.159	ng	100
47) 2-Chloronaphthalene	9.369	162	354405	41.817	ng	100
48) 2-Nitroaniline	9.463	65	99137	41.724	ng	97
49) Acenaphthylene	9.786	152	580204	41.586	ng	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

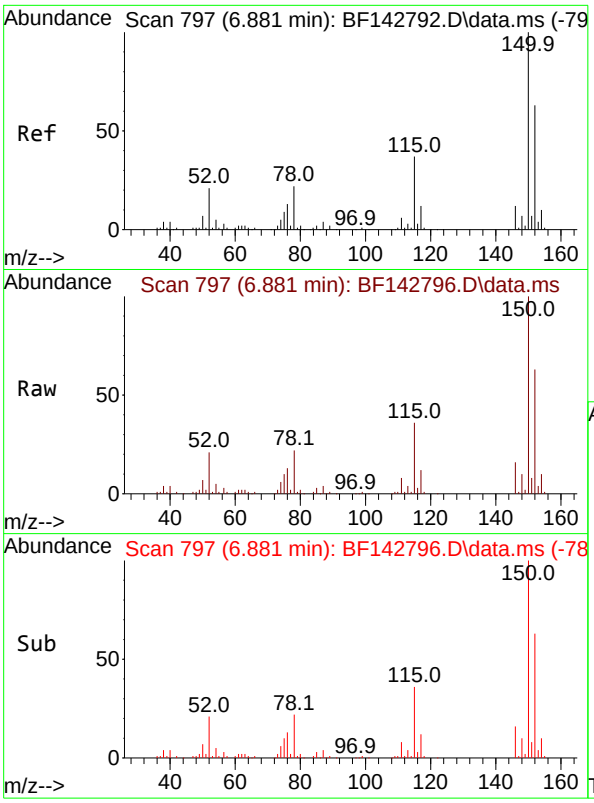
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



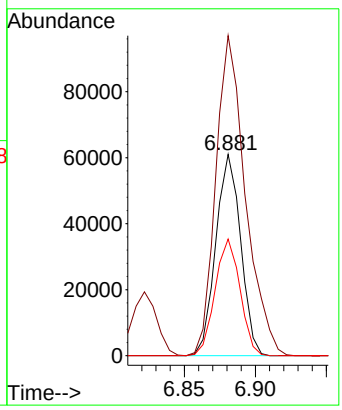


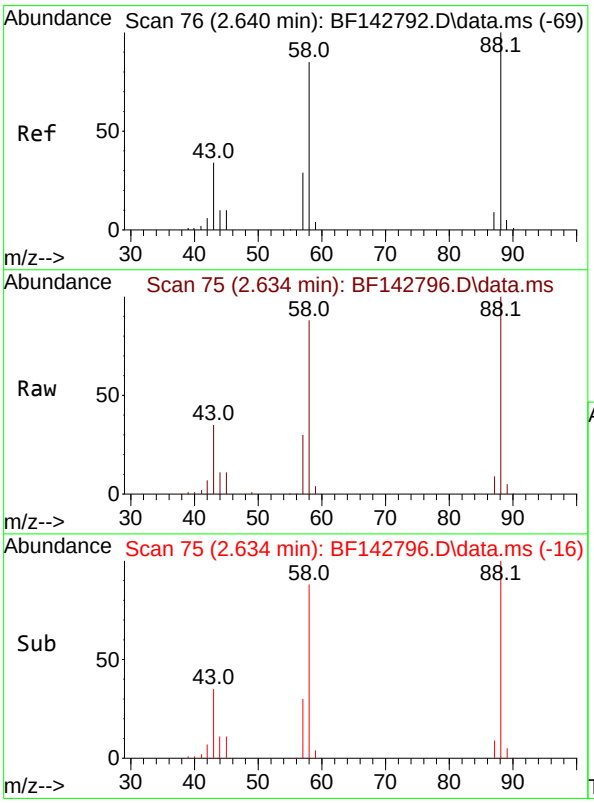
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

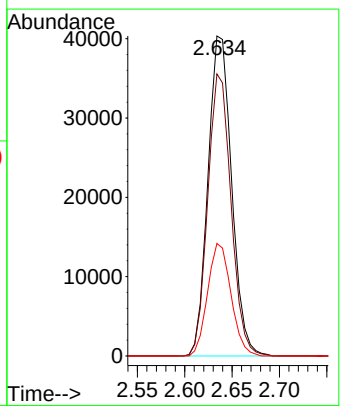


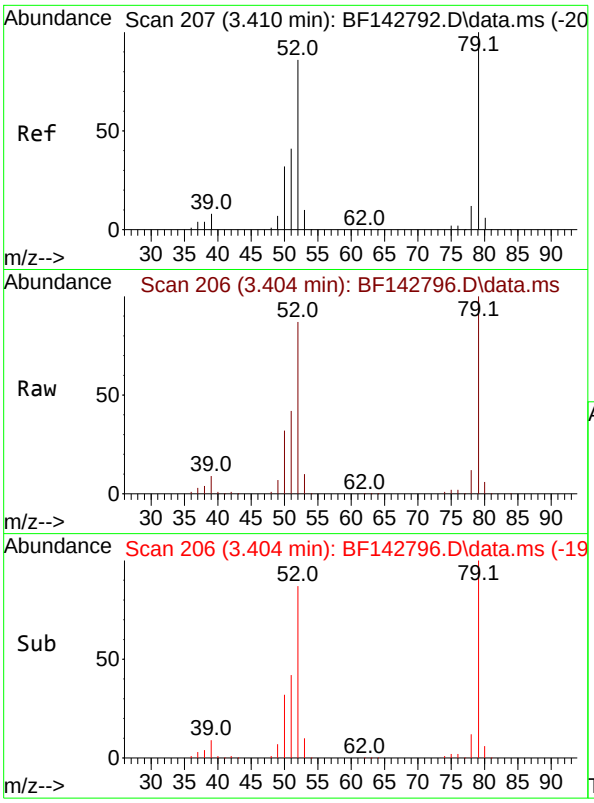


#2
1,4-Dioxane
Concen: 39.357 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



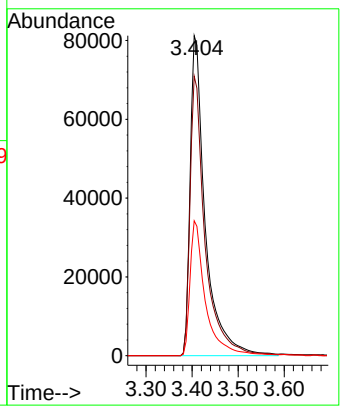


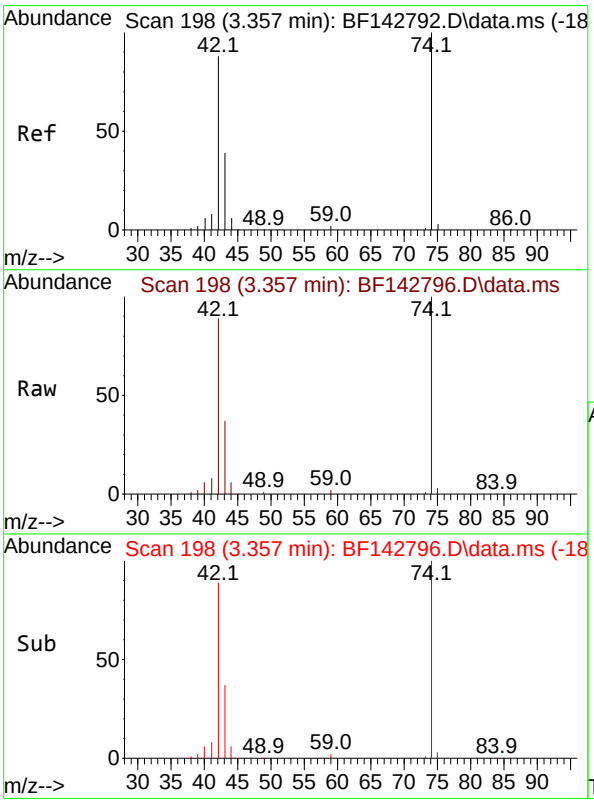
#3
Pyridine
Concen: 41.446 ng
RT: 3.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

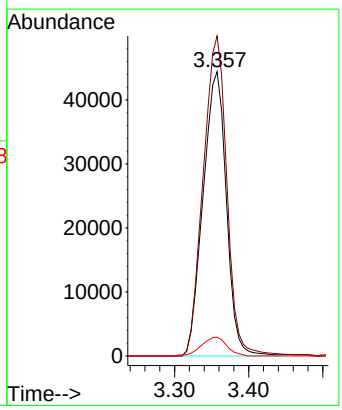


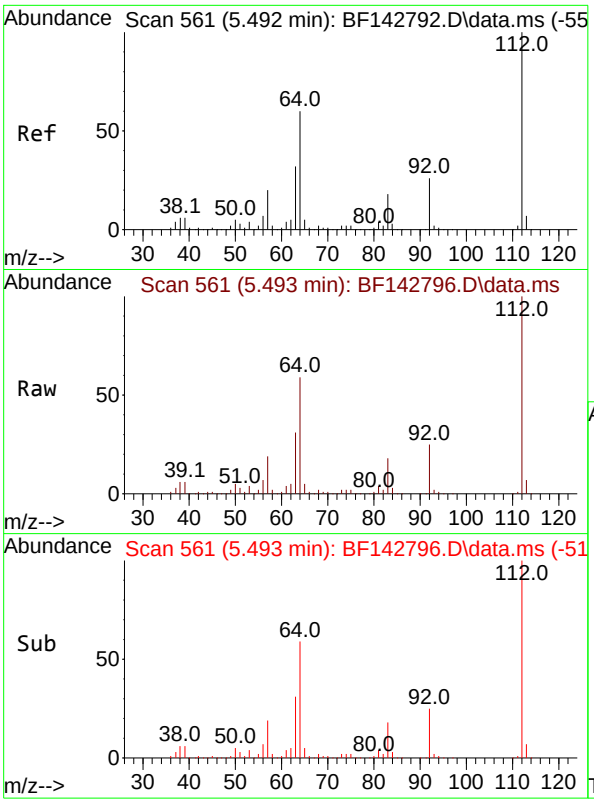


#4
n-Nitrosodimethylamine
Concen: 41.912 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



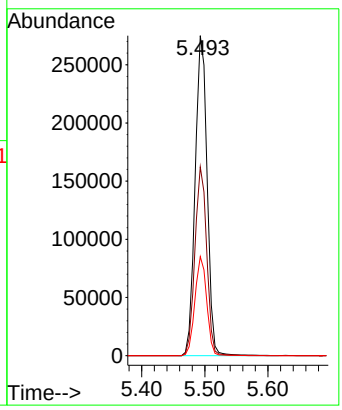


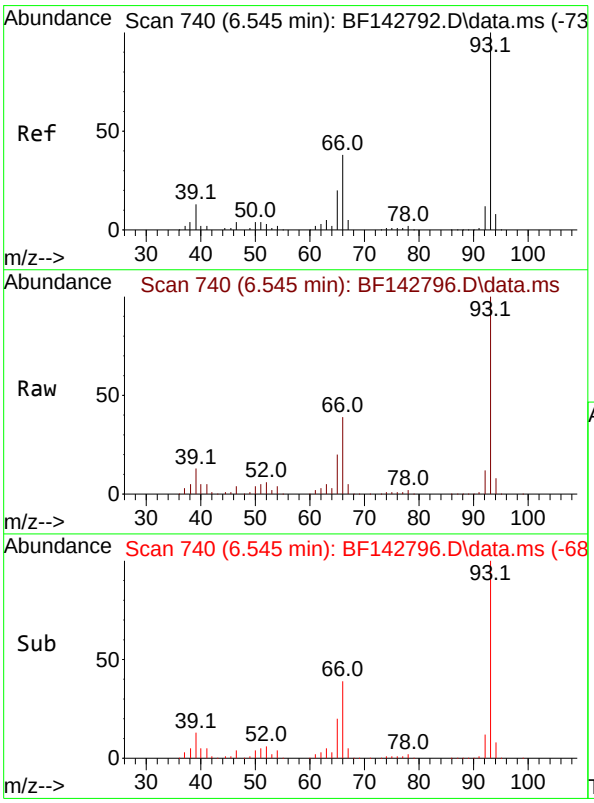
#5
2-Fluorophenol
Concen: 81.192 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

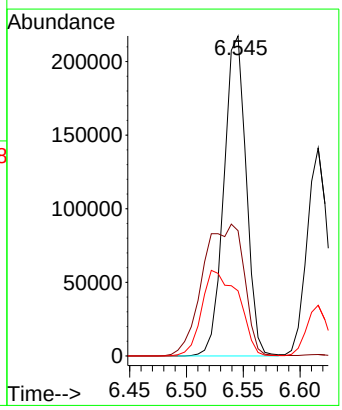


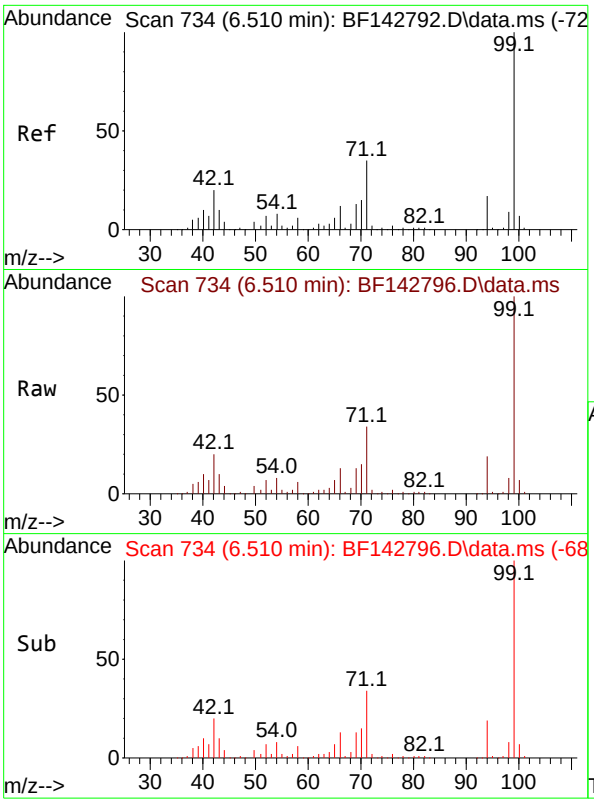


#6
Aniline
Concen: 42.392 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



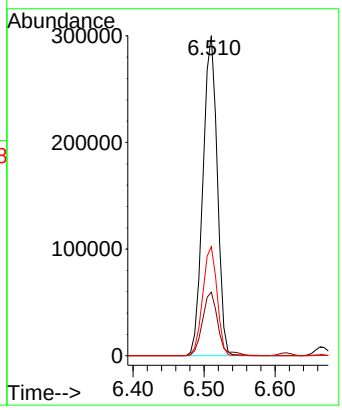


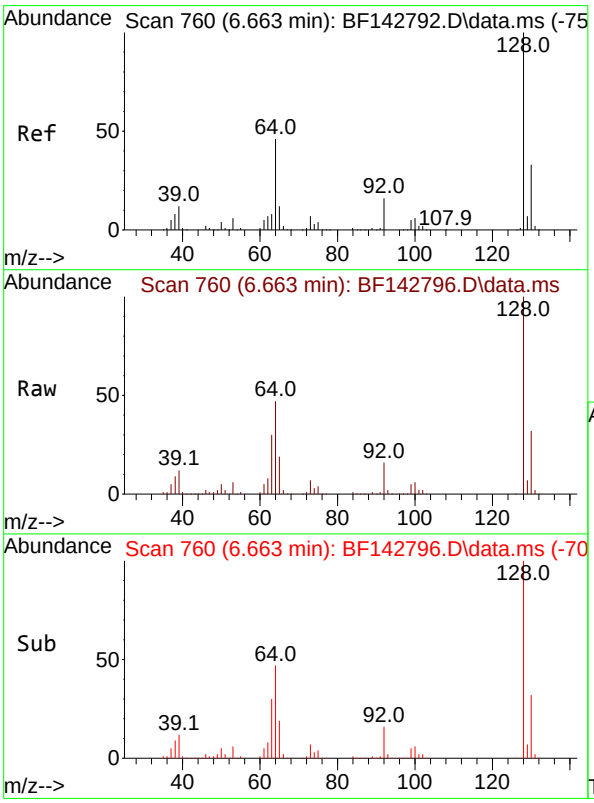
#7
Phenol-d6
Concen: 80.262 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

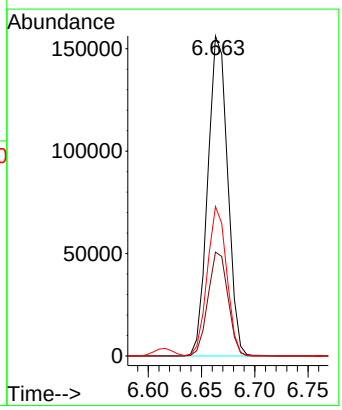


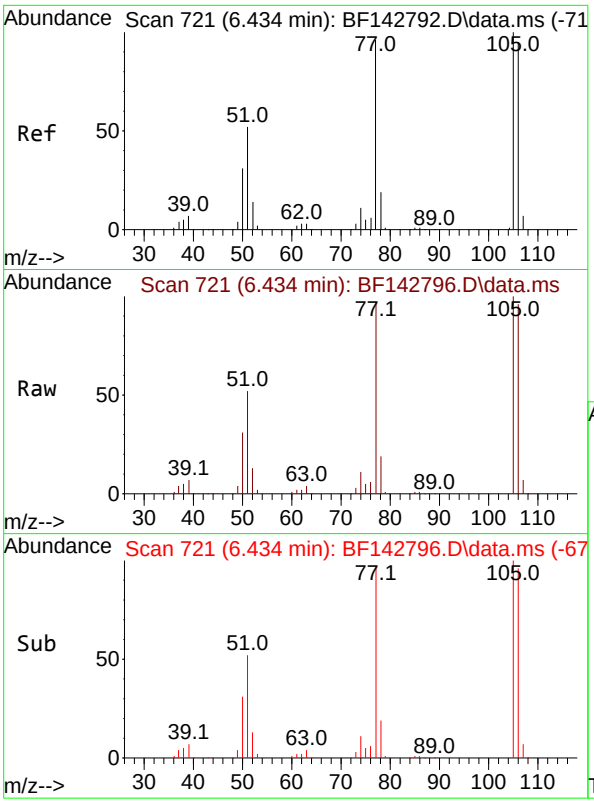


#8
2-Chlorophenol
Concen: 42.036 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



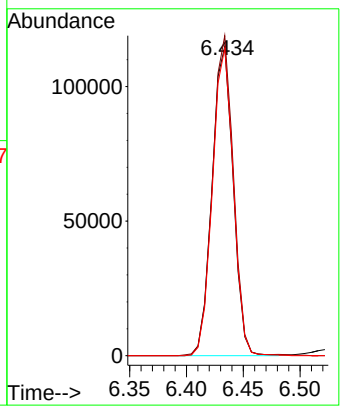


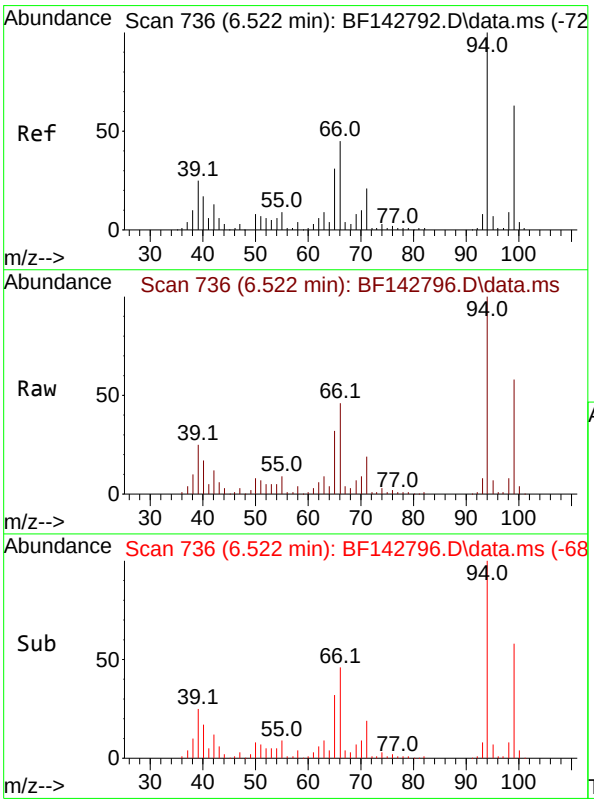
#9
Benzaldehyde
Concen: 47.511 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

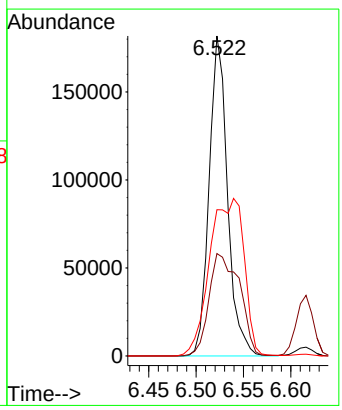


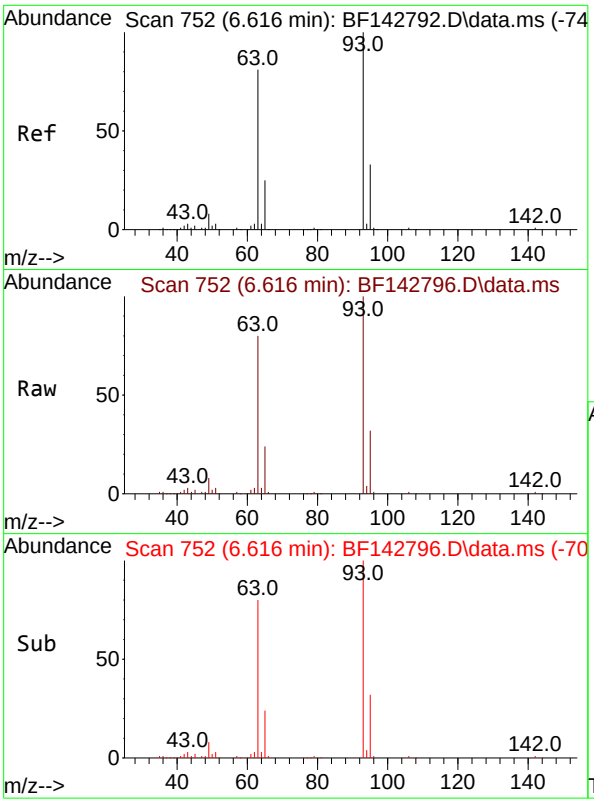


#10
Phenol
Concen: 41.901 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



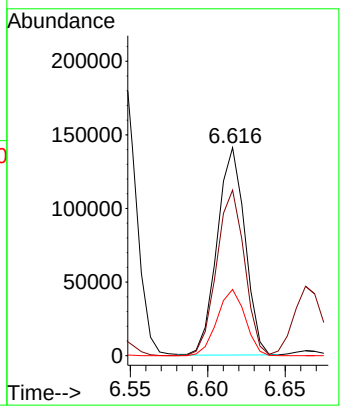


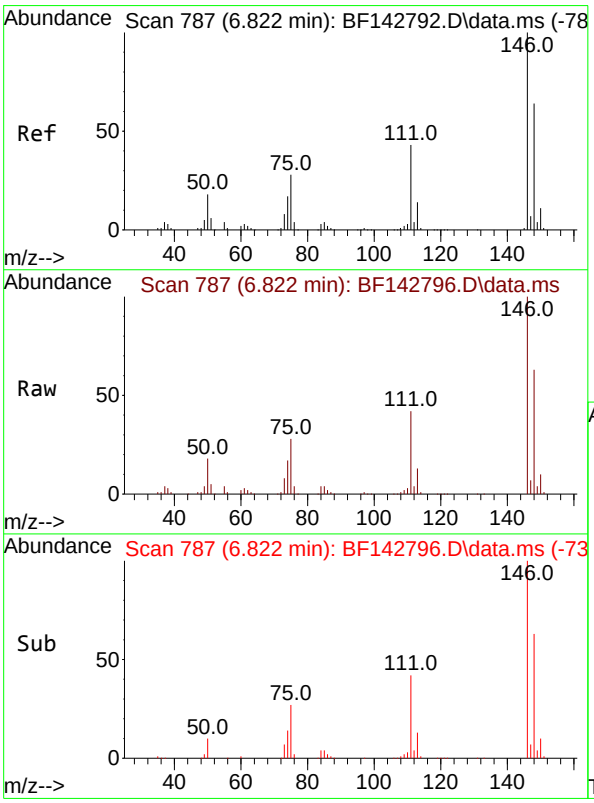
#11
bis(2-Chloroethyl)ether
Concen: 42.157 ng
RT: 6.616 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

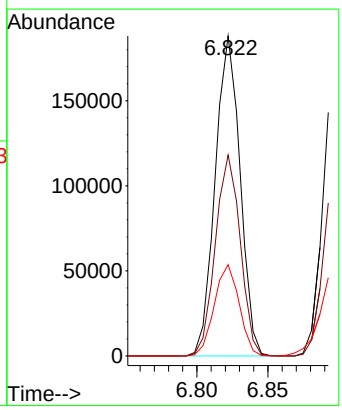


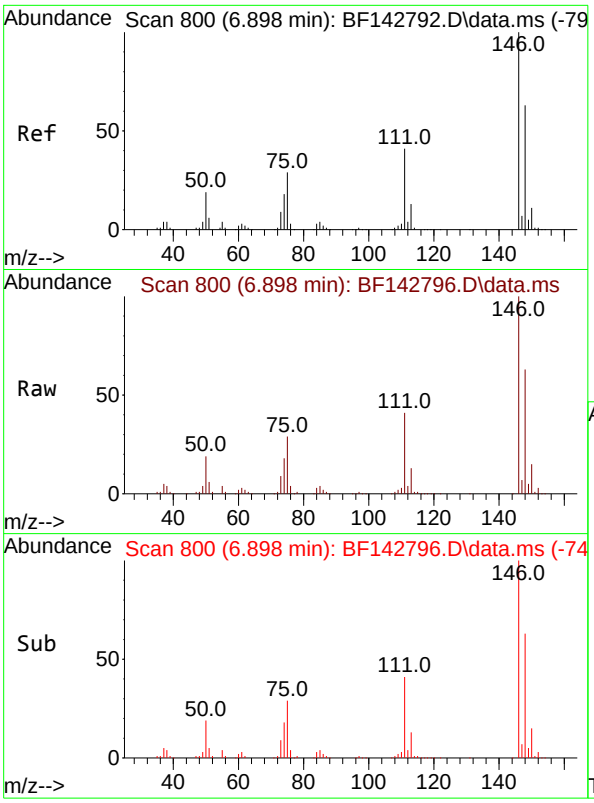


#12
1,3-Dichlorobenzene
Concen: 42.568 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



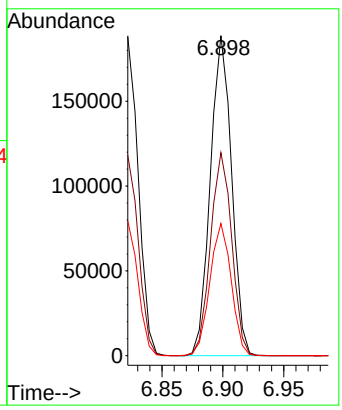


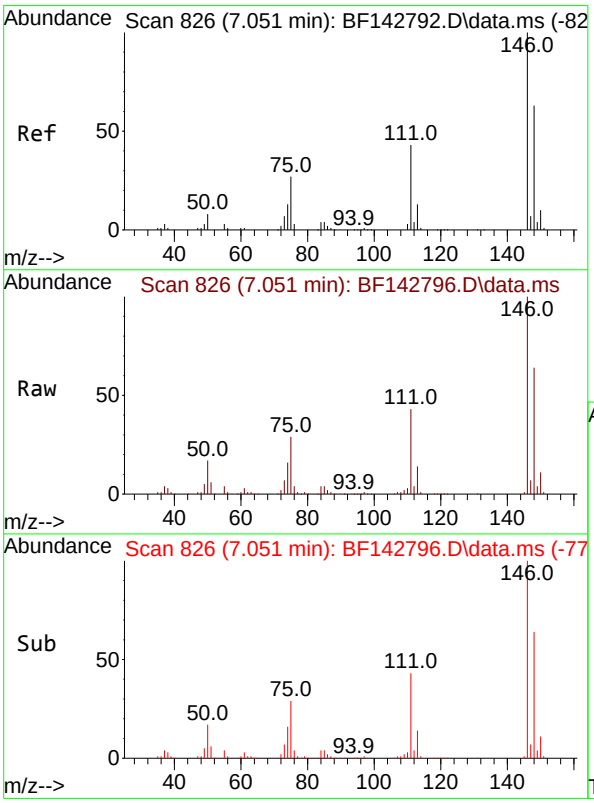
#13
1,4-Dichlorobenzene
Concen: 42.268 ng
RT: 6.898 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

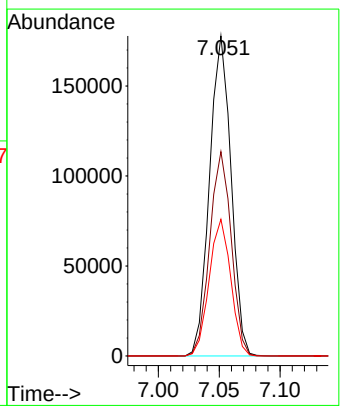


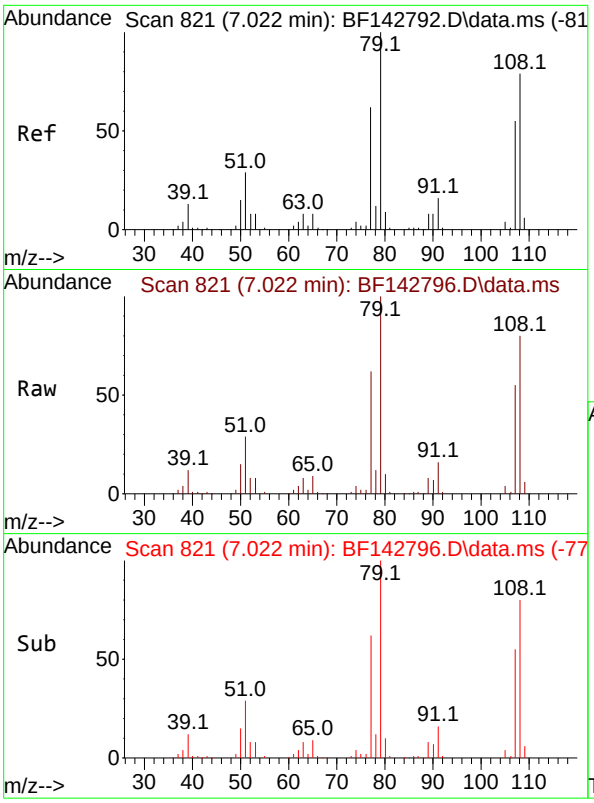


#14
1,2-Dichlorobenzene
Concen: 42.520 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



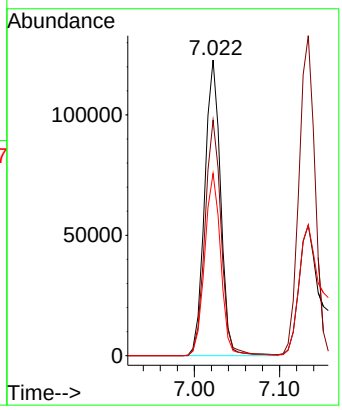


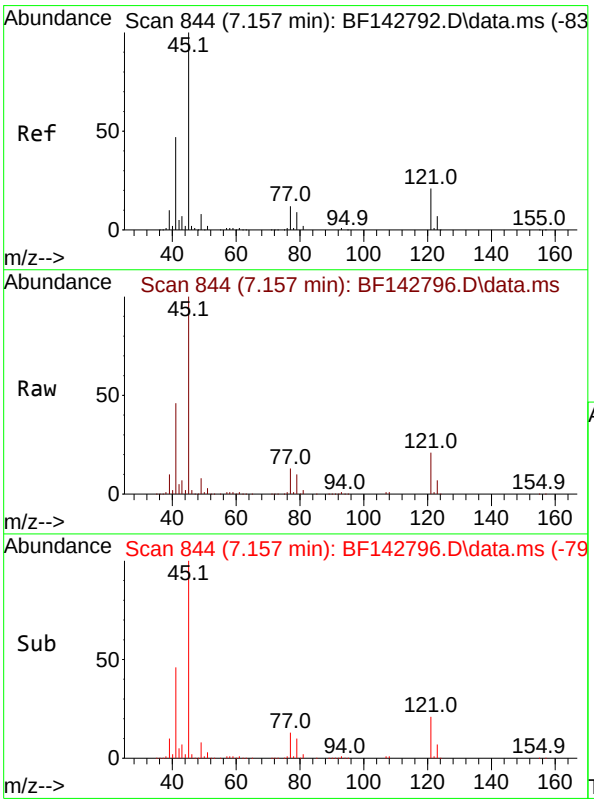
#15
Benzyl Alcohol
Concen: 42.114 ng
RT: 7.022 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

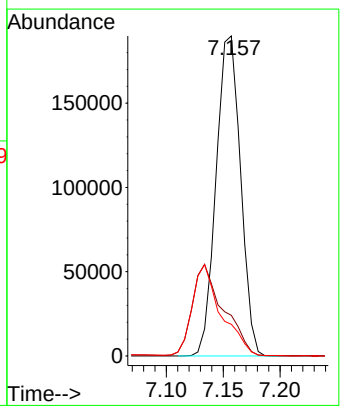


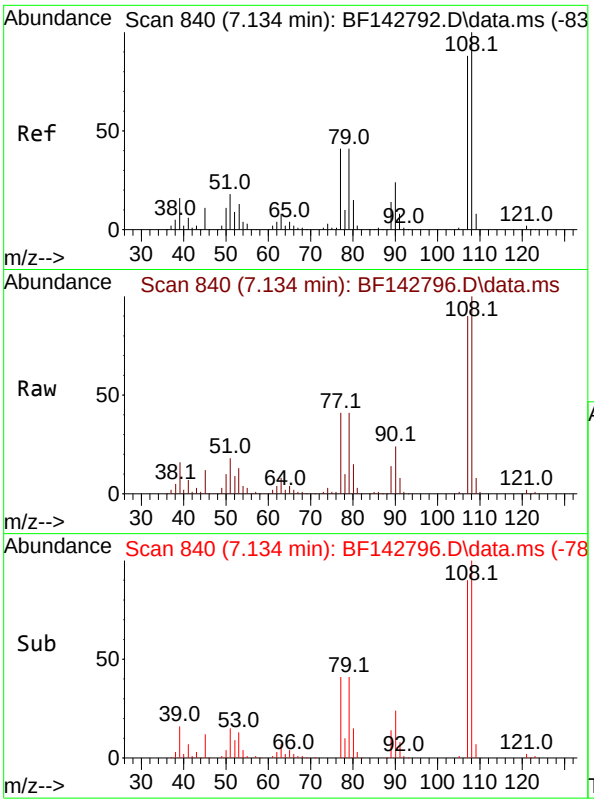


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.379 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



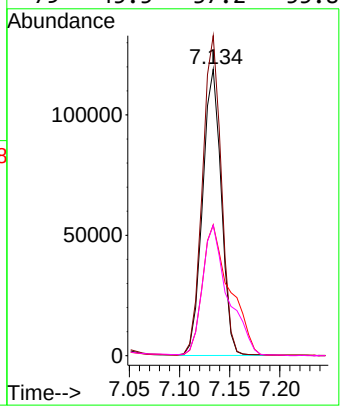


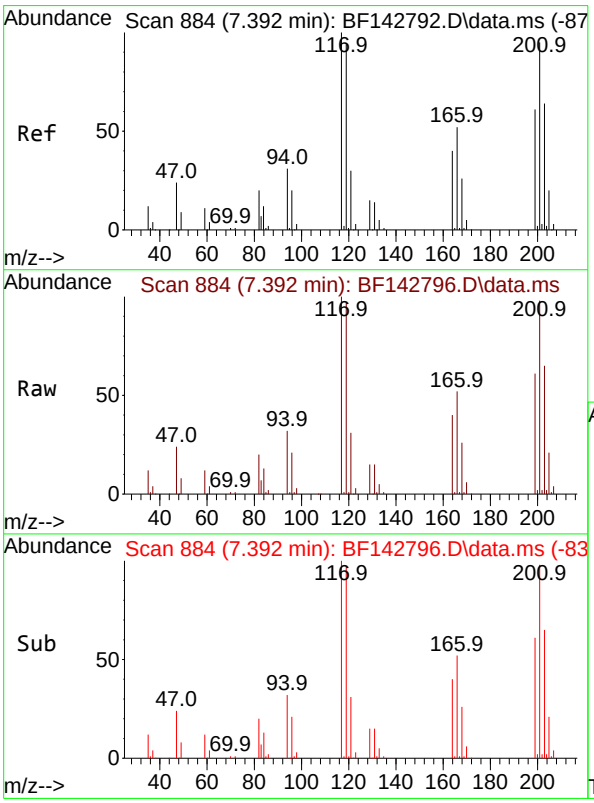
#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

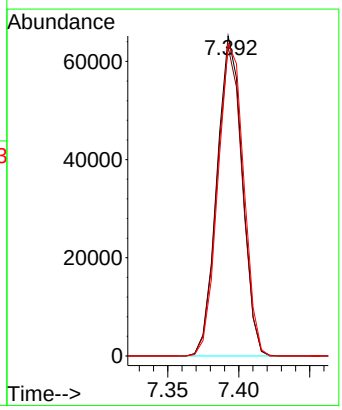


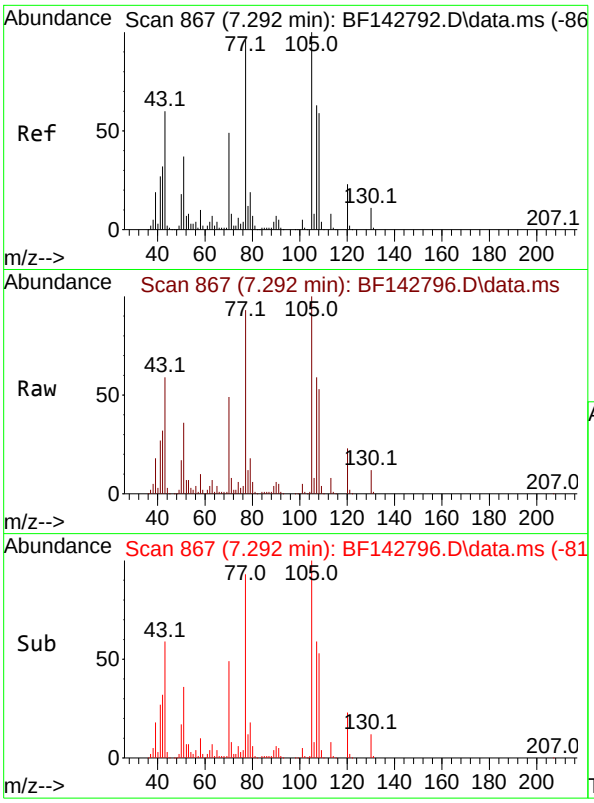


#18
Hexachloroethane
Concen: 42.589 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



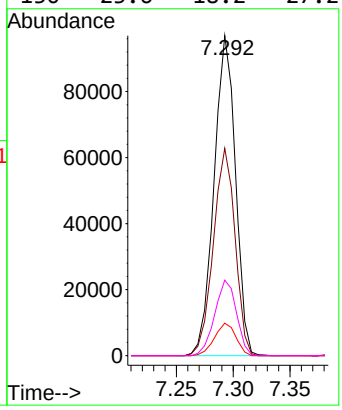


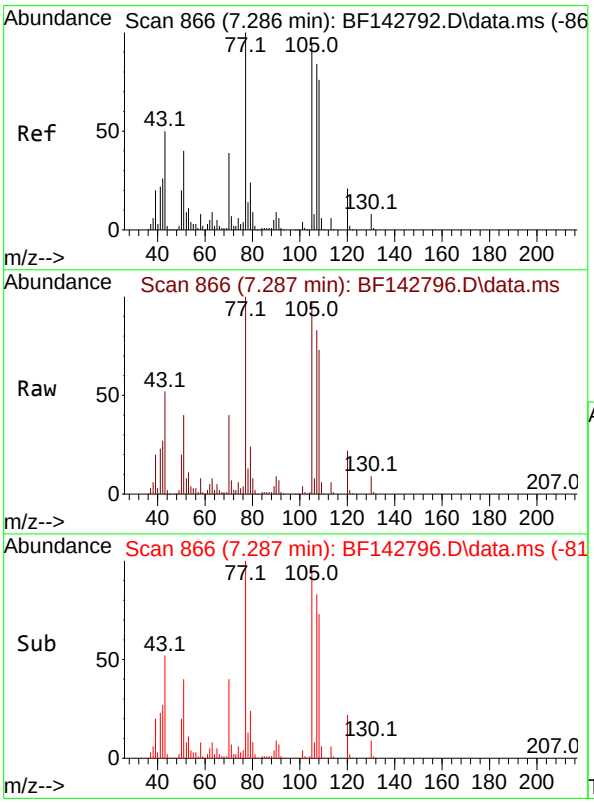
#19
n-Nitroso-di-n-propylamine
Concen: 41.640 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

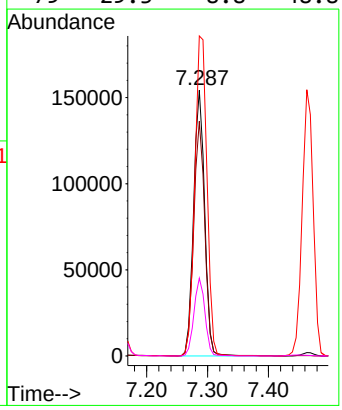


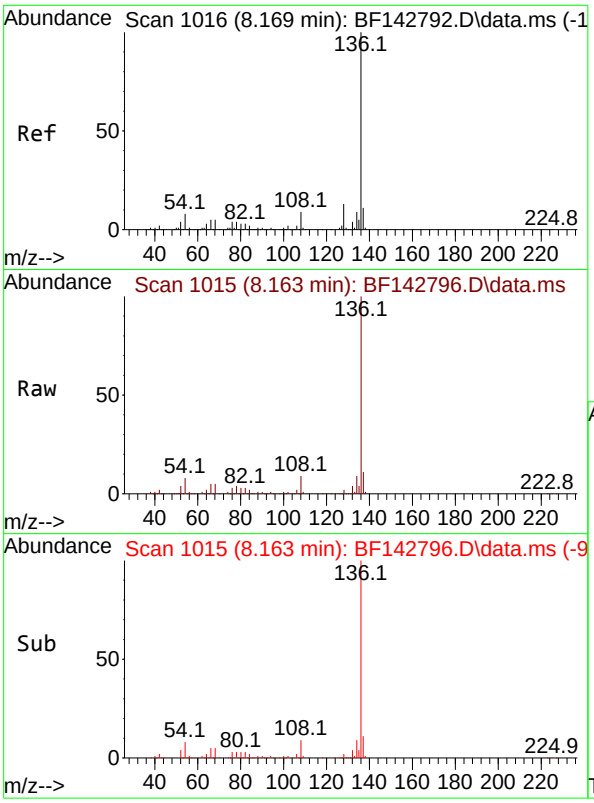


#20
3+4-Methylphenols
Concen: 42.904 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



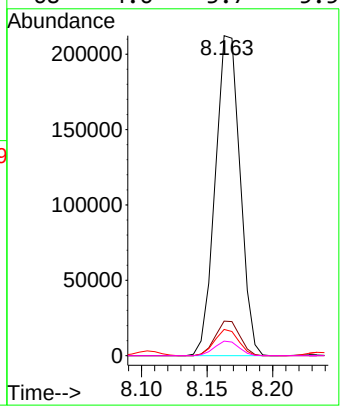


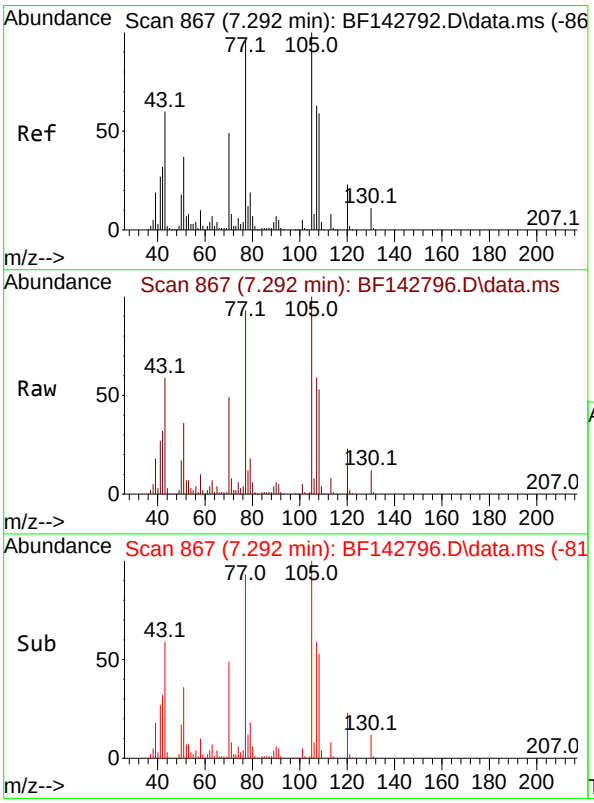
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

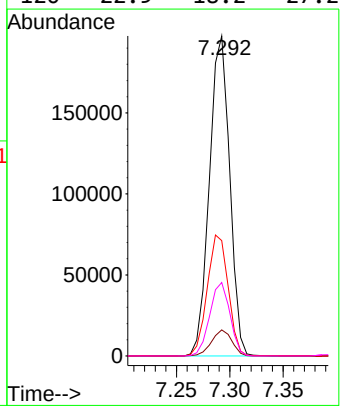


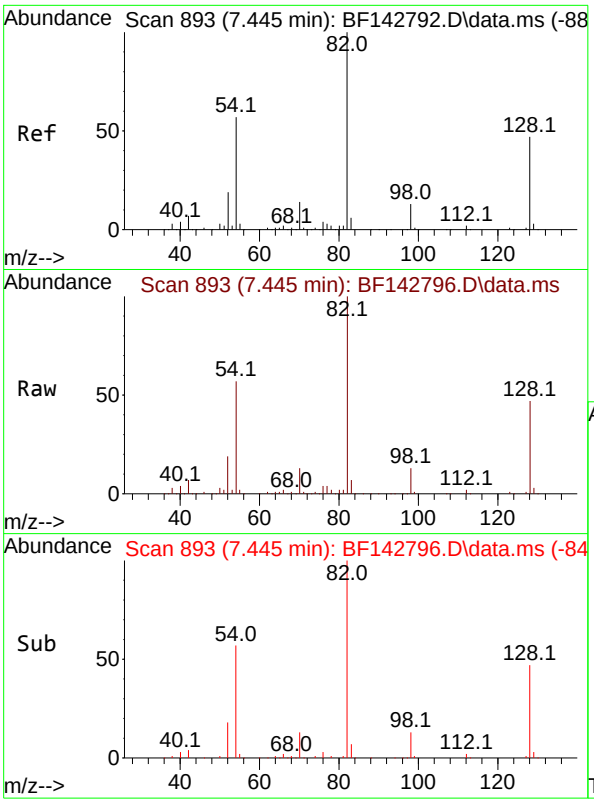


#22
Acetophenone
Concen: 42.478 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



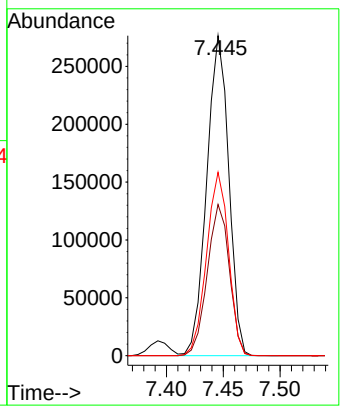


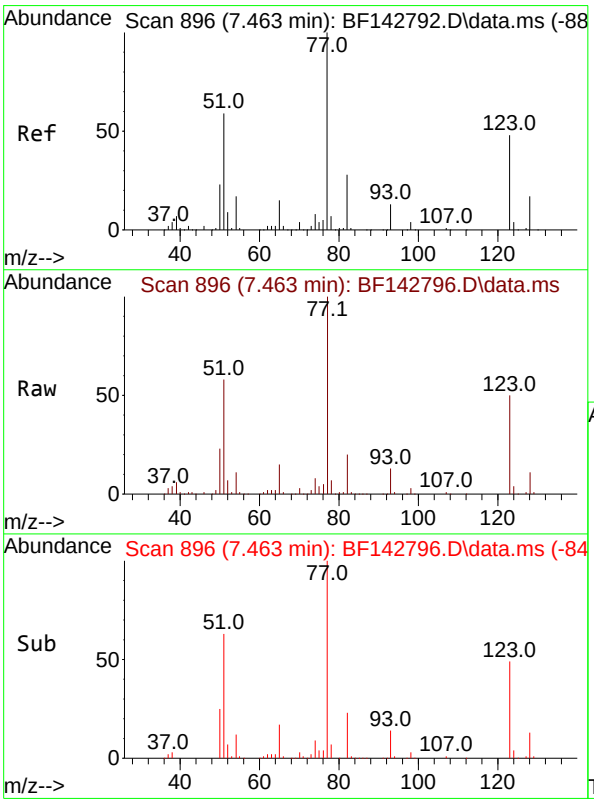
#23
Nitrobenzene-d5
Concen: 73.334 ng
RT: 7.445 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

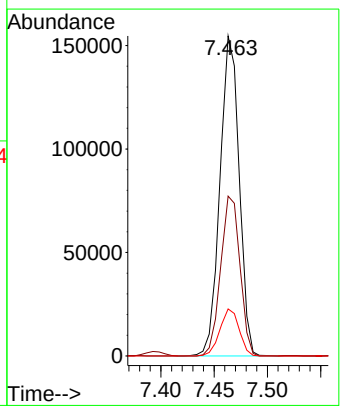


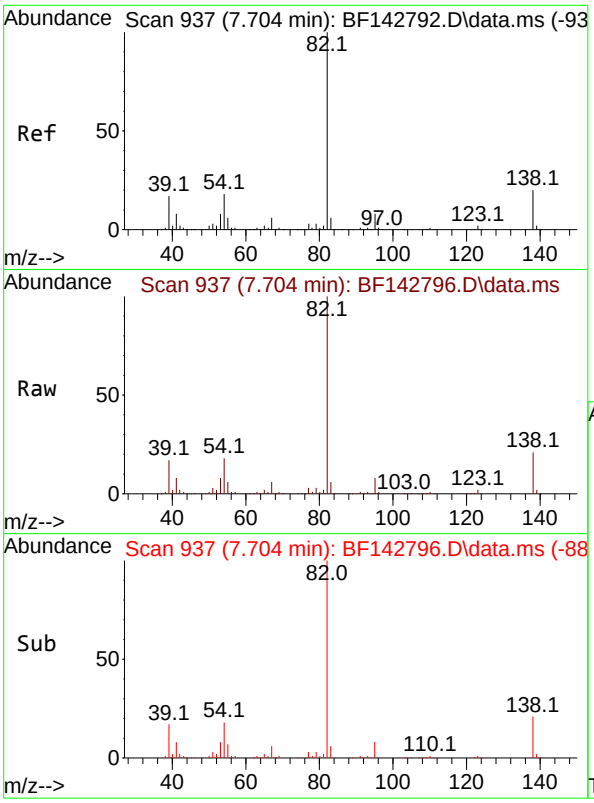


#24
Nitrobenzene
Concen: 41.968 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



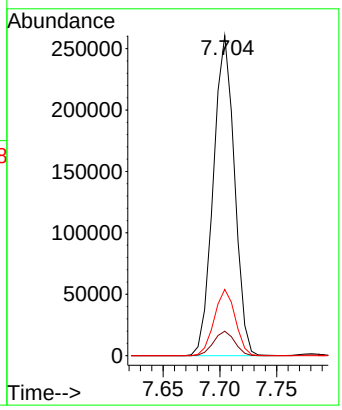


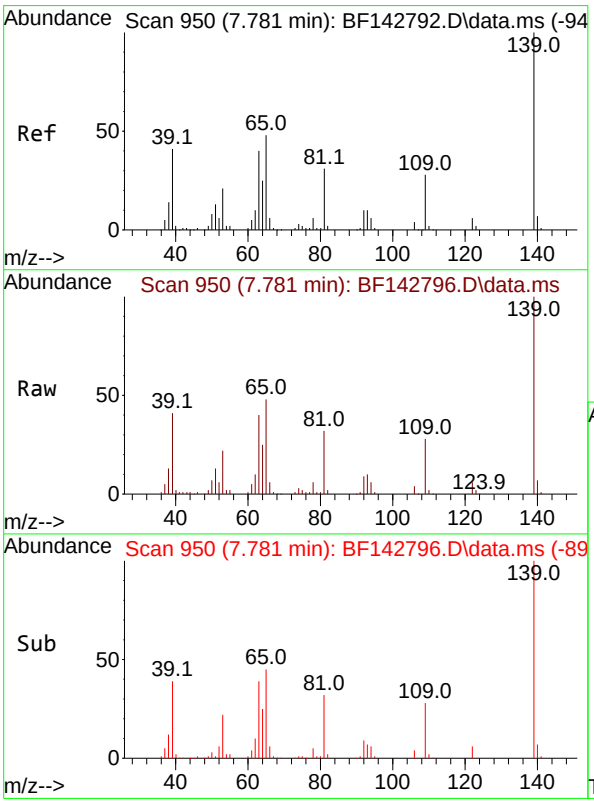
#25
Isophorone
Concen: 41.403 ng
RT: 7.704 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

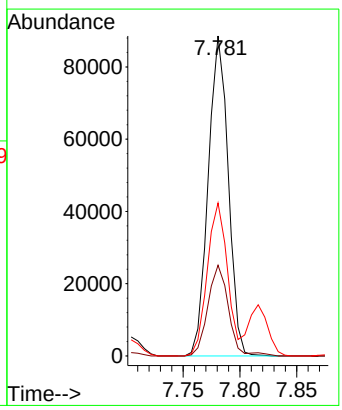


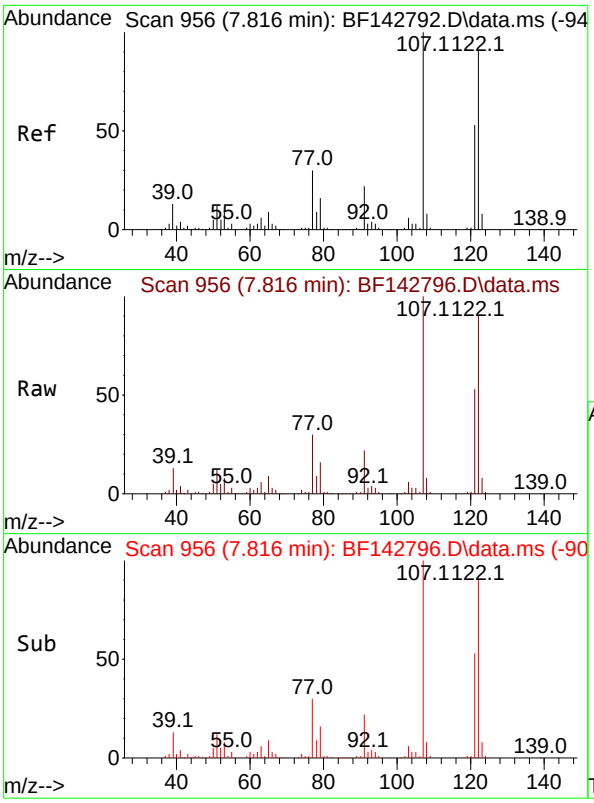


#26
2-Nitrophenol
Concen: 43.224 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



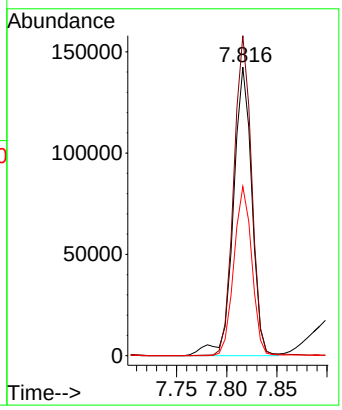


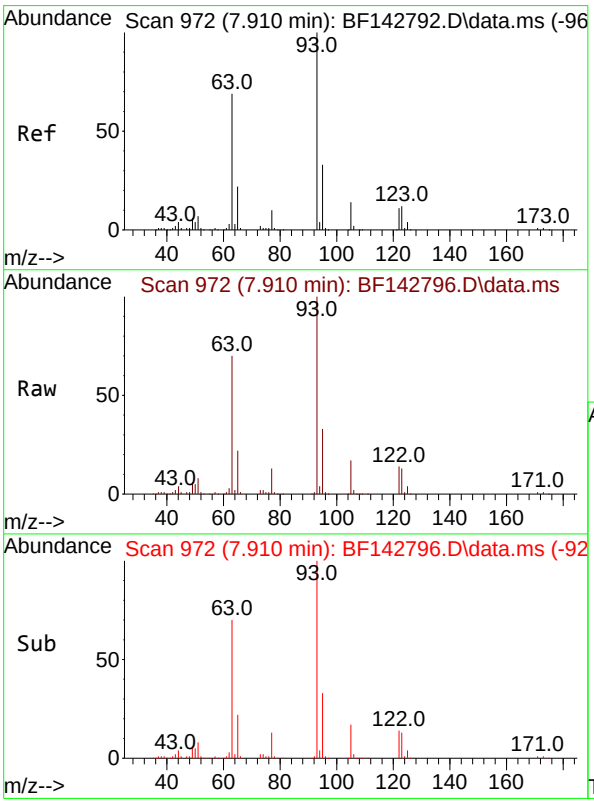
#27
2,4-Dimethylphenol
Concen: 42.168 ng
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

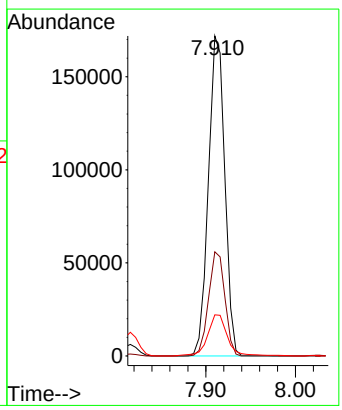


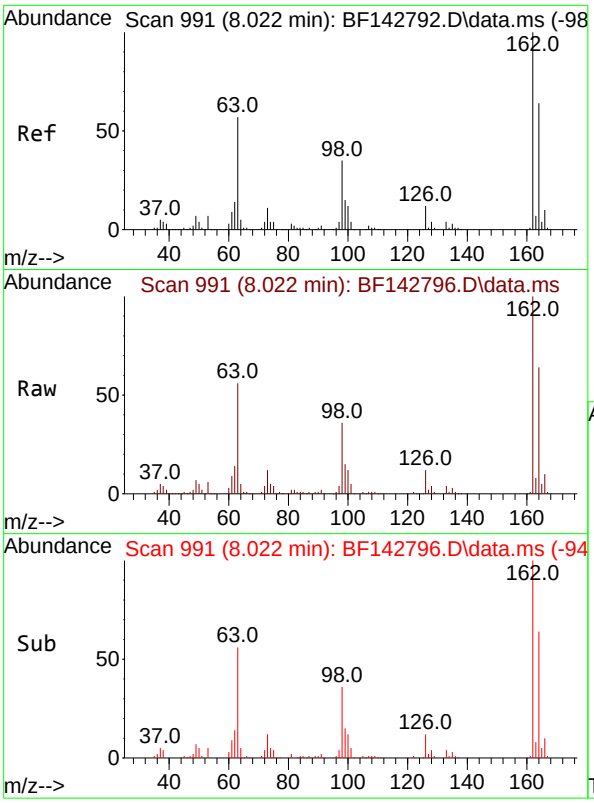


#28
bis(2-Chloroethoxy)methane
Concen: 41.960 ng
RT: 7.910 min Scan# 972
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



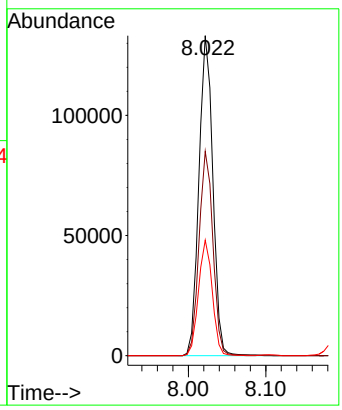


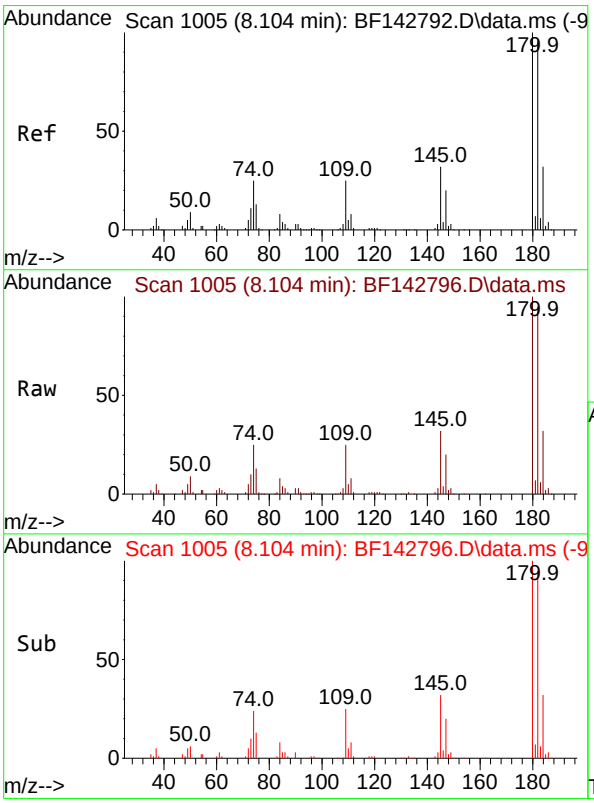
#29
2,4-Dichlorophenol
Concen: 42.196 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

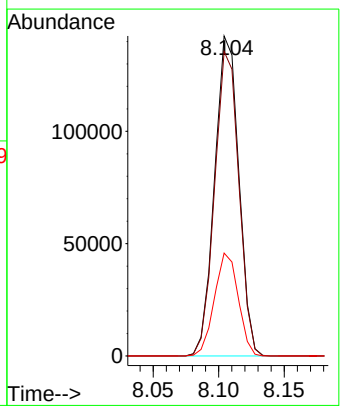


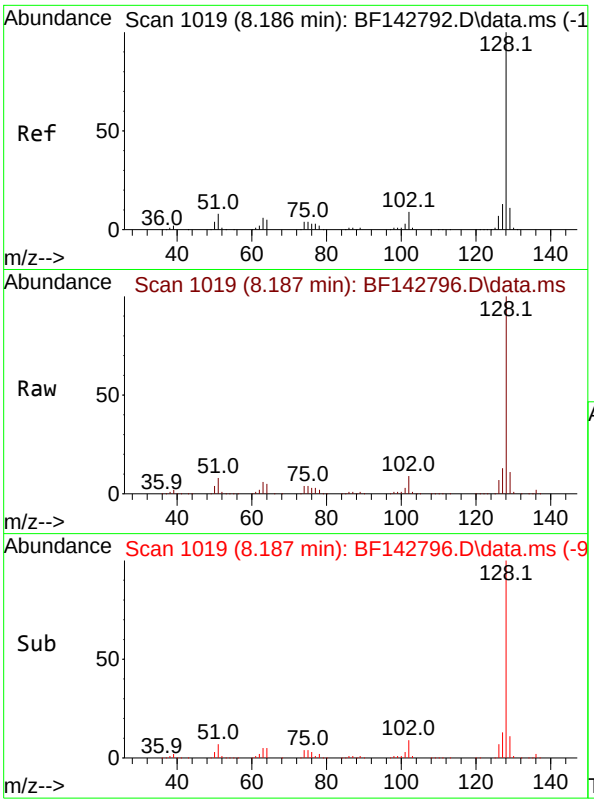


#30
1,2,4-Trichlorobenzene
Concen: 42.177 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



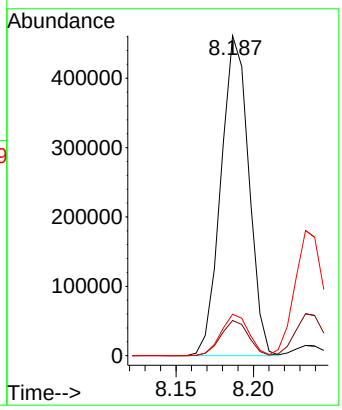


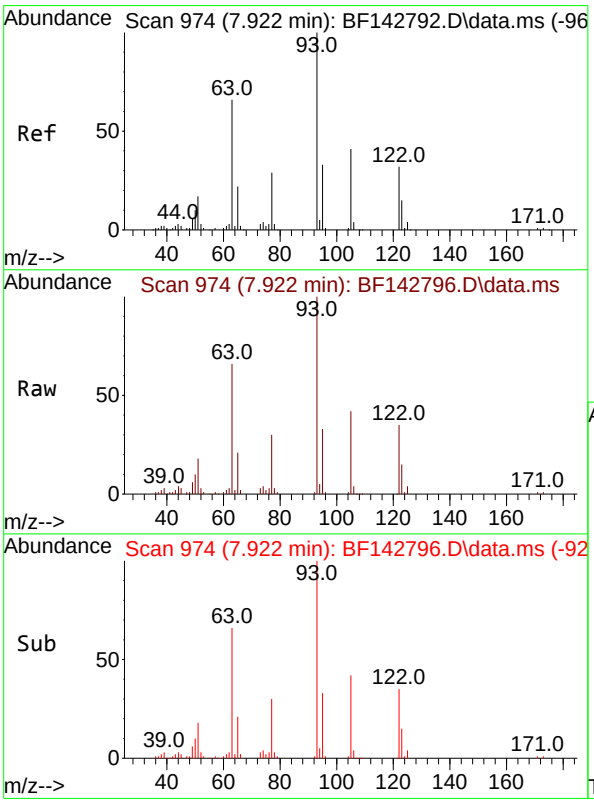
#31
Naphthalene
Concen: 42.218 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

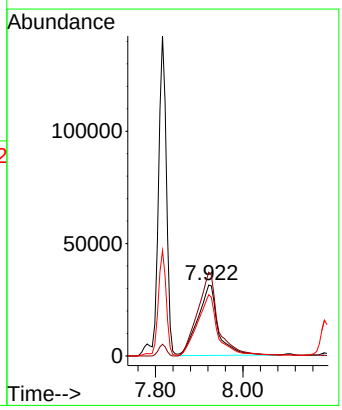


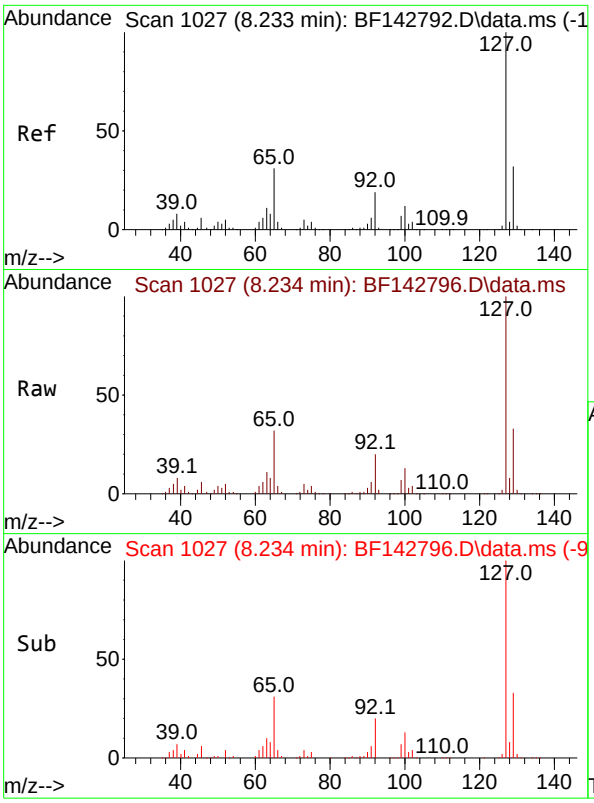


#32
Benzoic acid
Concen: 45.685 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



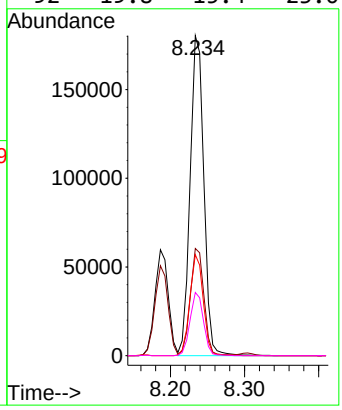


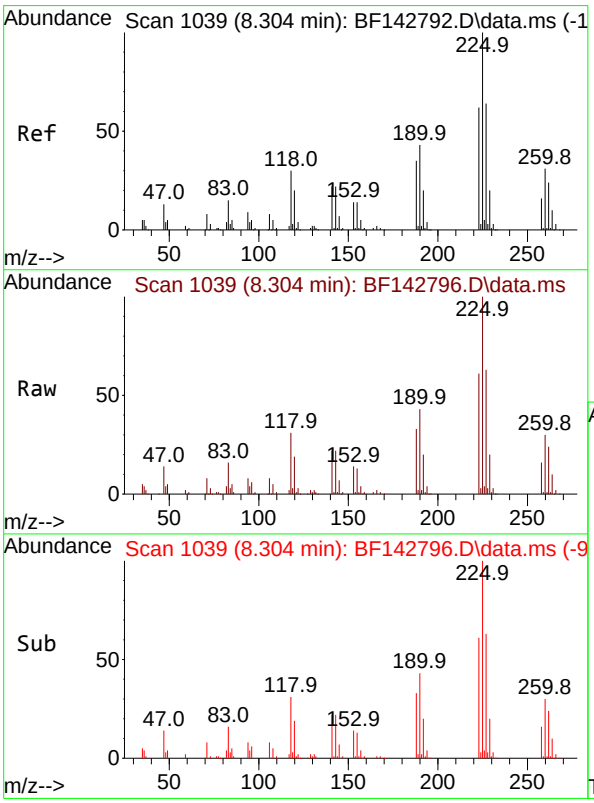
#33
4-Chloroaniline
Concen: 41.766 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

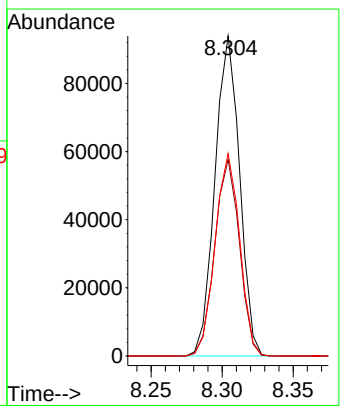


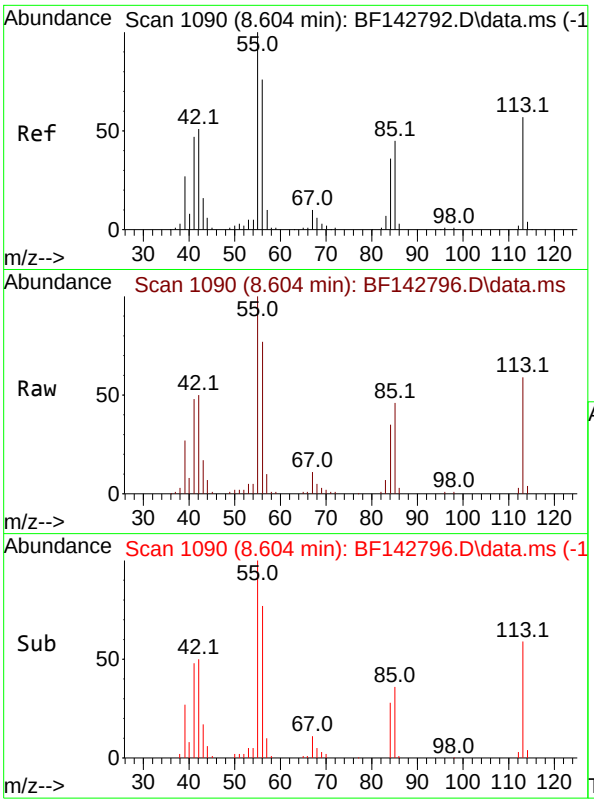


#34
Hexachlorobutadiene
Concen: 42.657 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



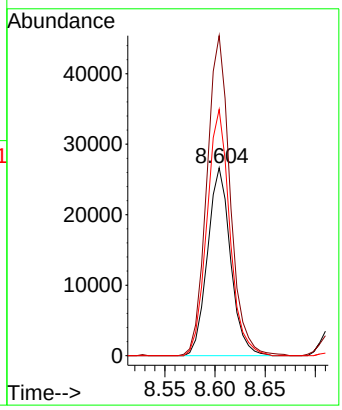


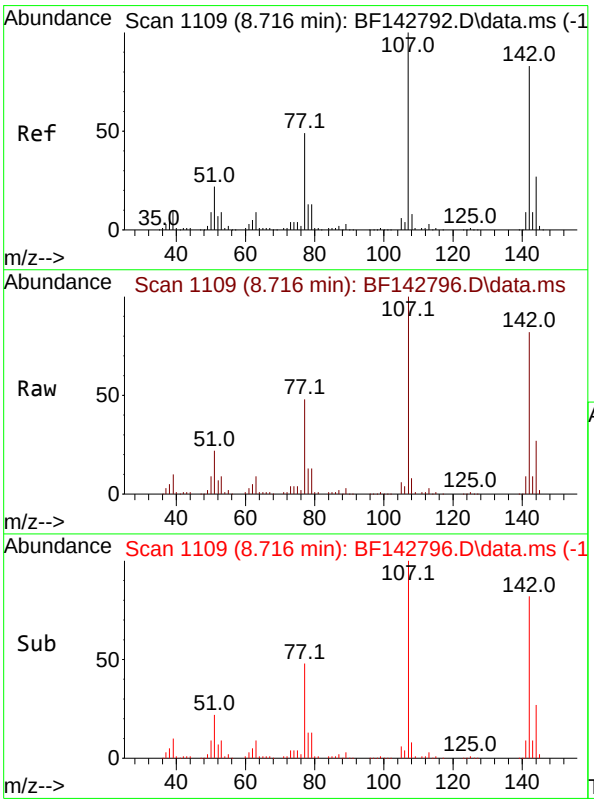
#35
Caprolactam
Concen: 40.928 ng
RT: 8.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

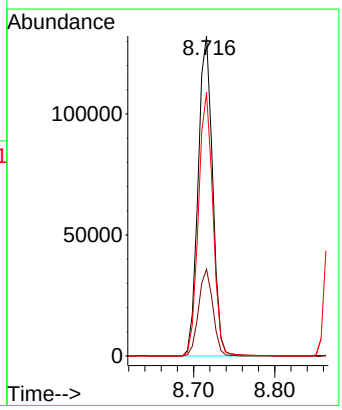


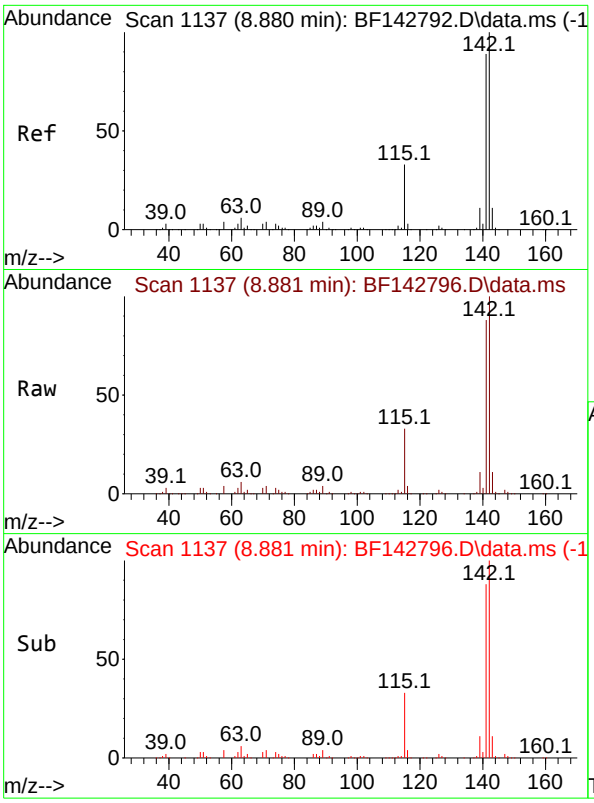


#36
4-Chloro-3-methylphenol
Concen: 41.890 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



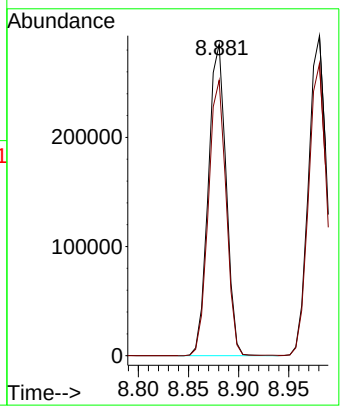


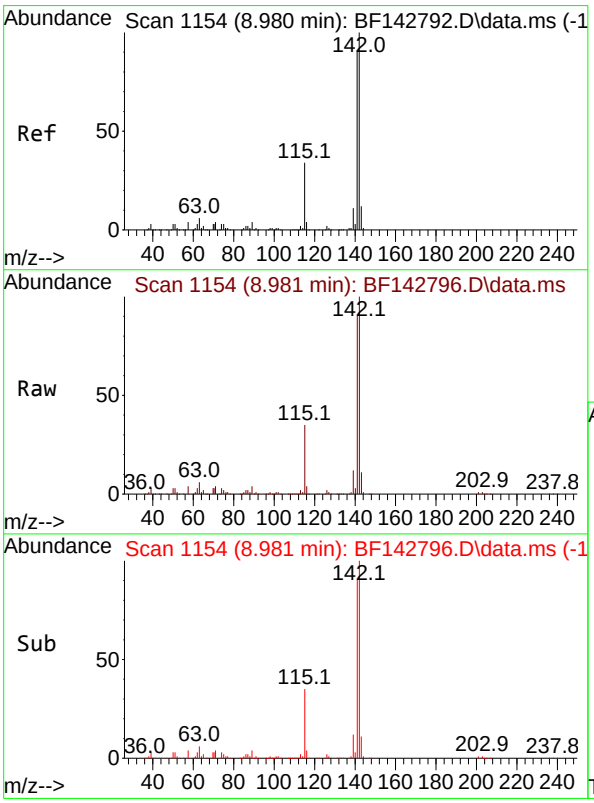
#37
2-Methylnaphthalene
Concen: 41.730 ng
RT: 8.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Instrument :
BNA_F
ClientSampleId :
ICVBF061925

Tgt Ion:142 Resp: 353484

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

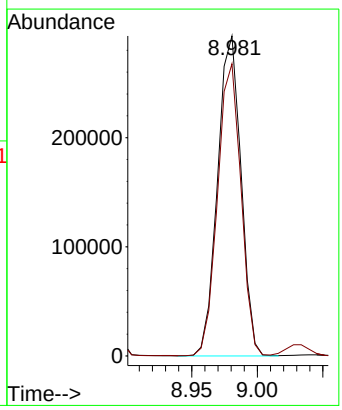


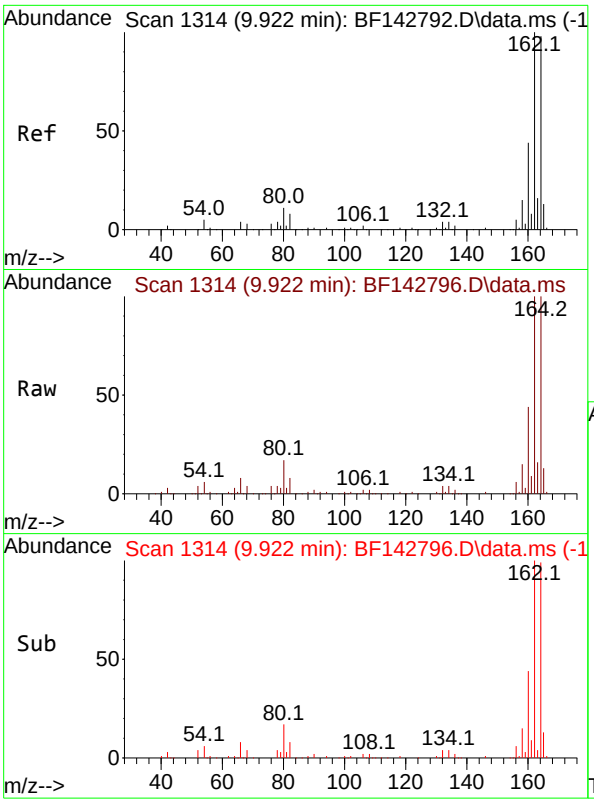


#38
1-Methylnaphthalene
Concen: 41.554 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

Tgt Ion:142 Resp: 364378

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.4



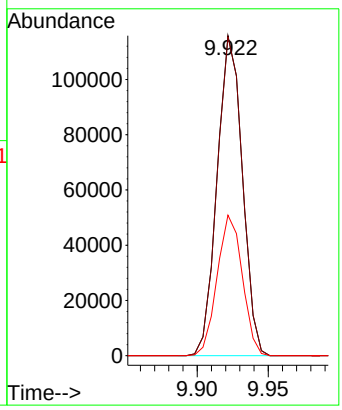


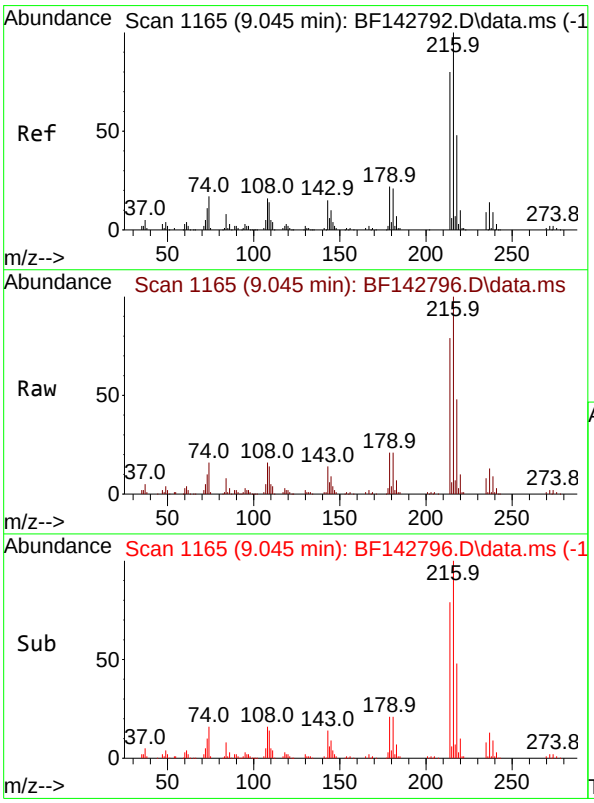
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

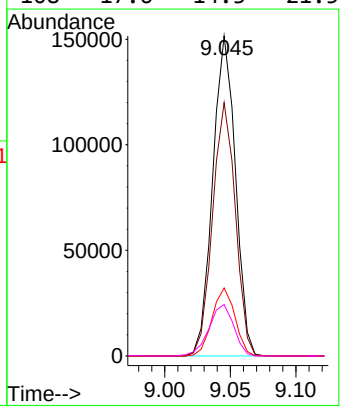


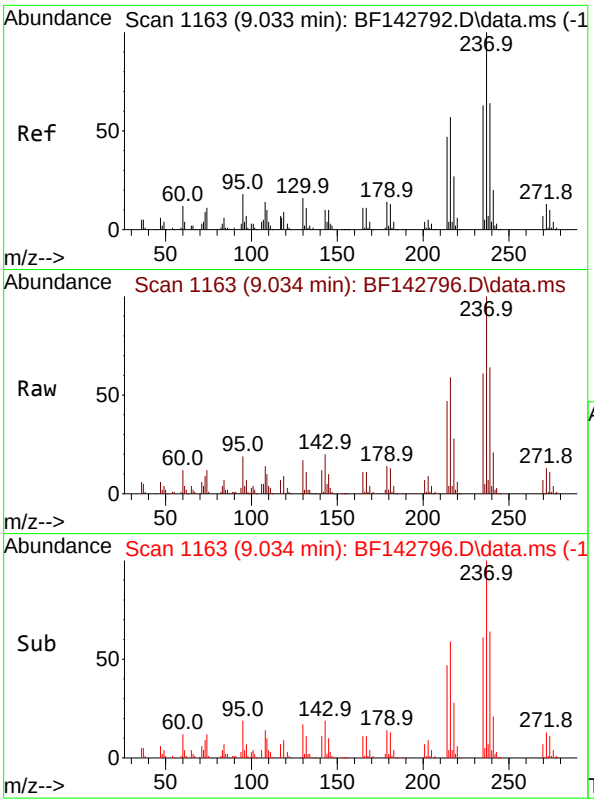


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.233 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



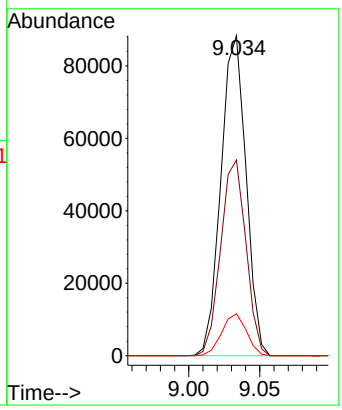


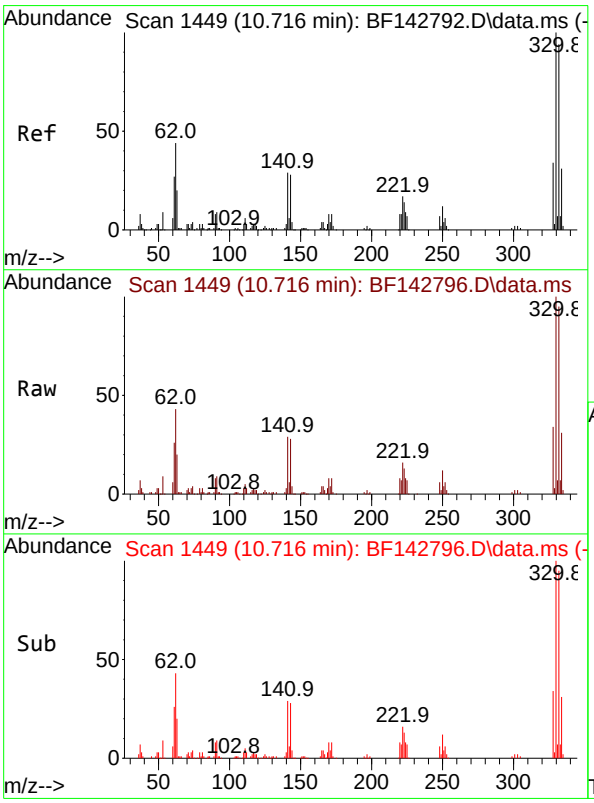
#41
Hexachlorocyclopentadiene
Concen: 45.361 ng
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

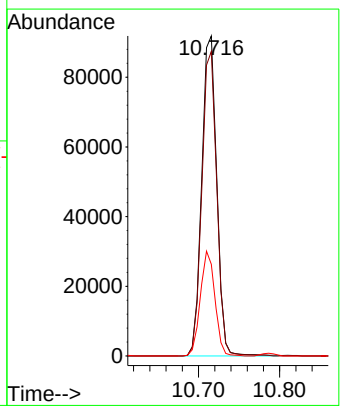


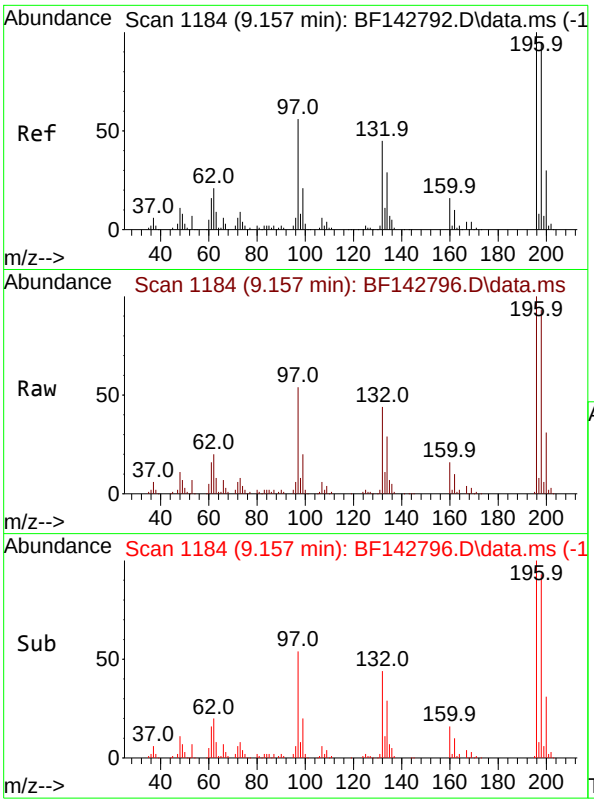


#42
2,4,6-Tribromophenol
Concen: 80.065 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



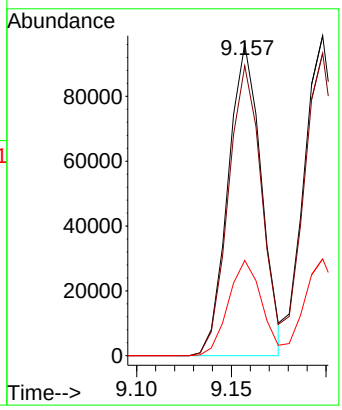


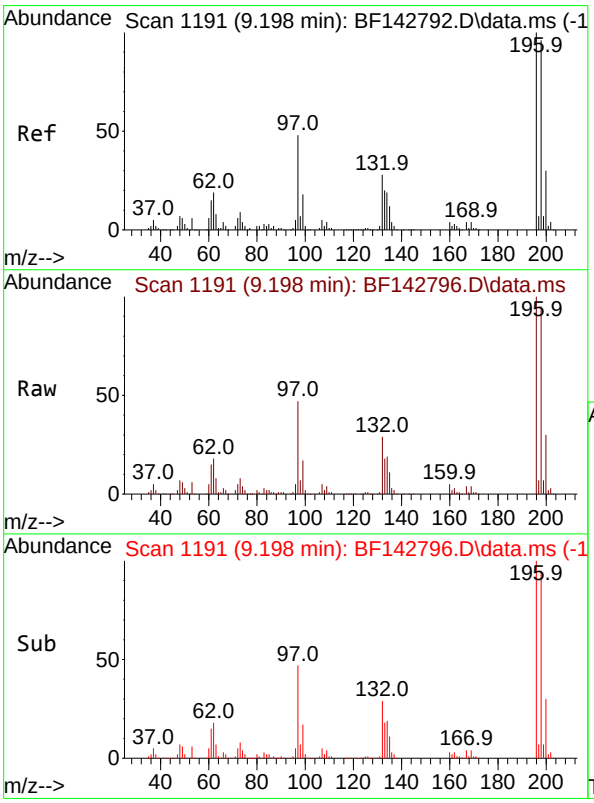
#43
2,4,6-Trichlorophenol
Concen: 42.543 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

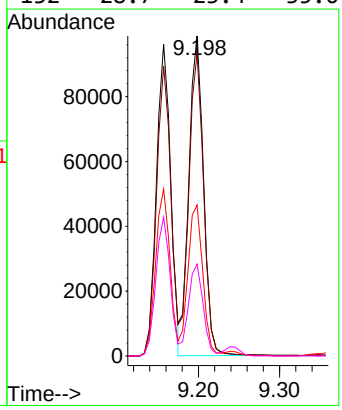


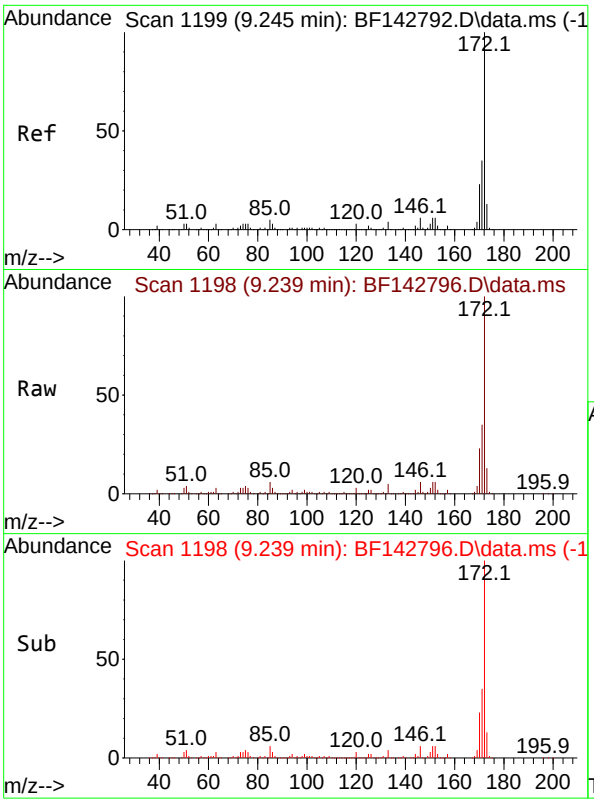


#44
2,4,5-Trichlorophenol
Concen: 43.045 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



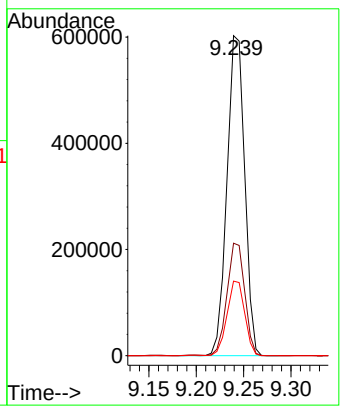


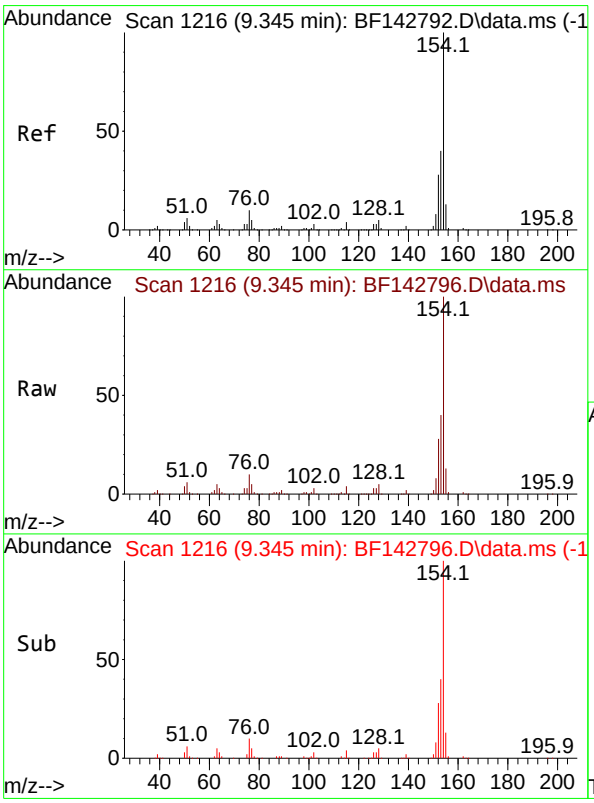
#45
2-Fluorobiphenyl
Concen: 72.171 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

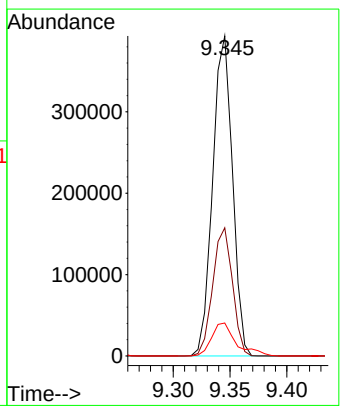


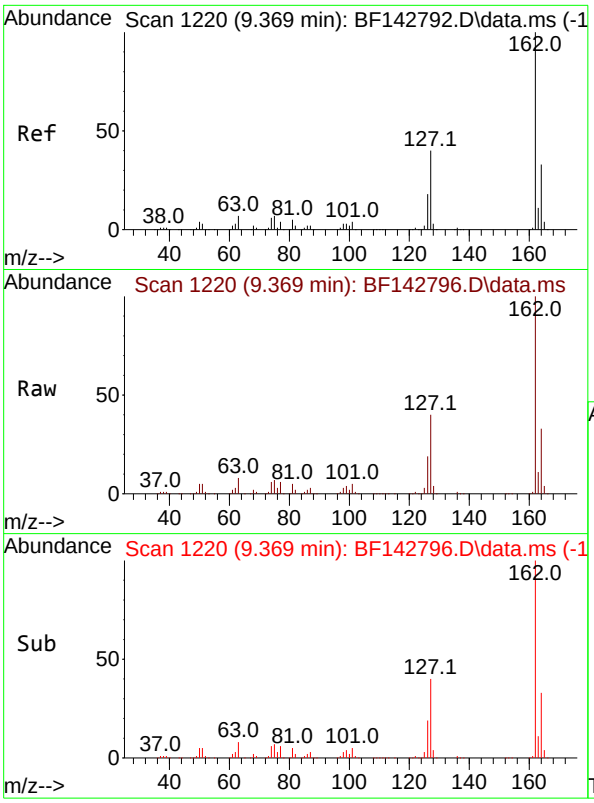


#46
1,1'-Biphenyl
Concen: 42.159 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



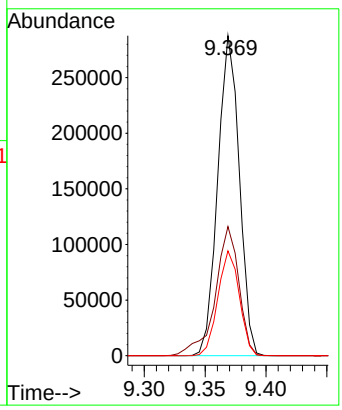


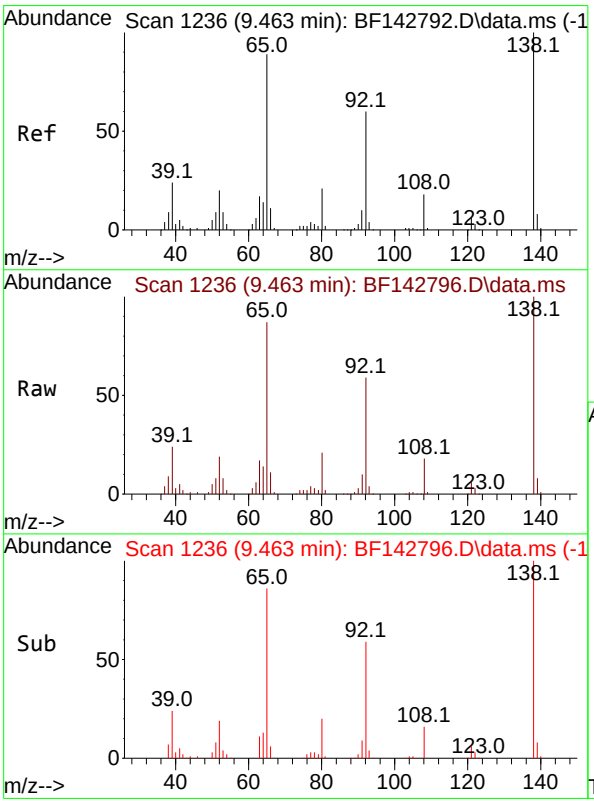
#47
2-Chloronaphthalene
Concen: 41.817 ng
RT: 9.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

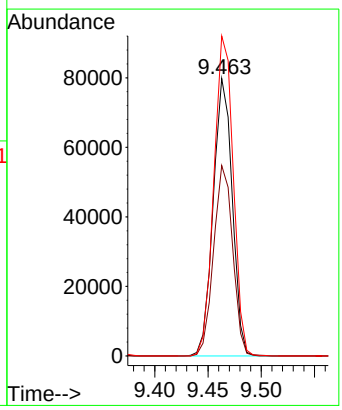


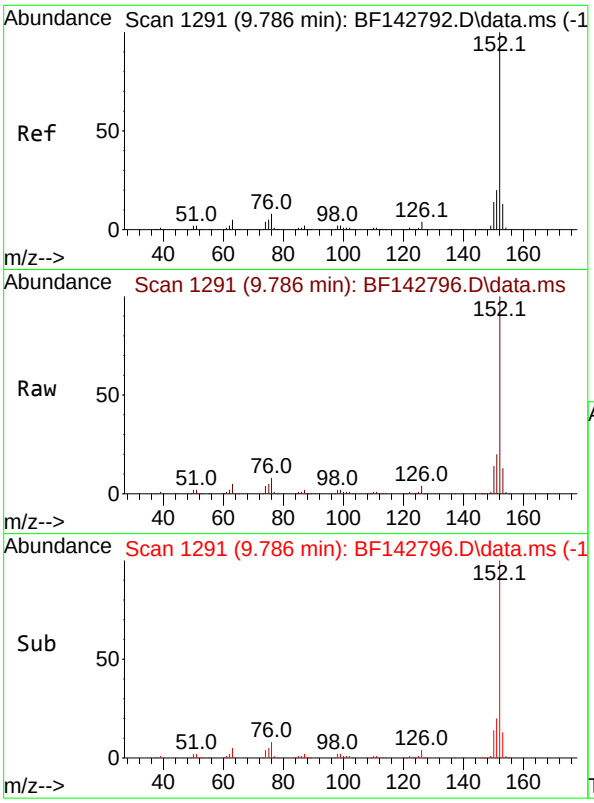


#48
2-Nitroaniline
Concen: 41.724 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



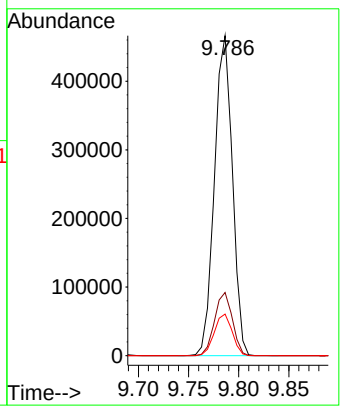


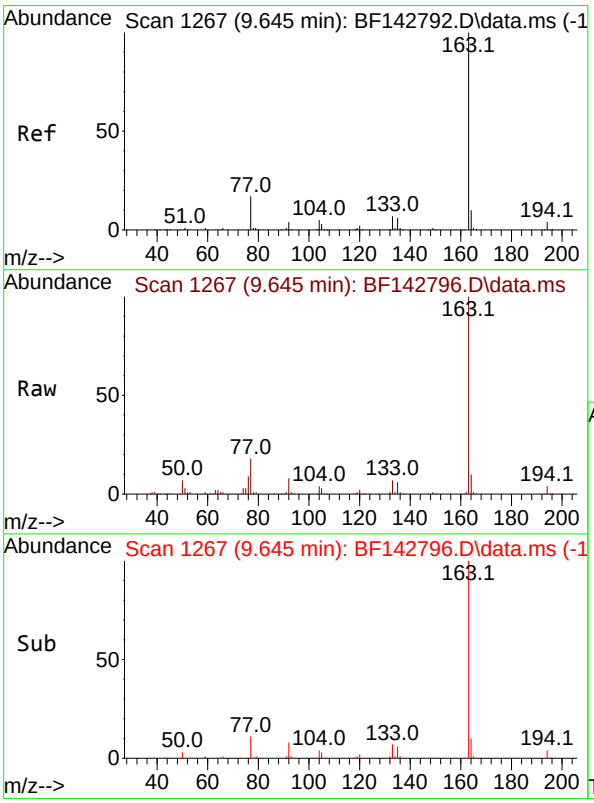
#49
Acenaphthylene
Concen: 41.586 ng
RT: 9.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

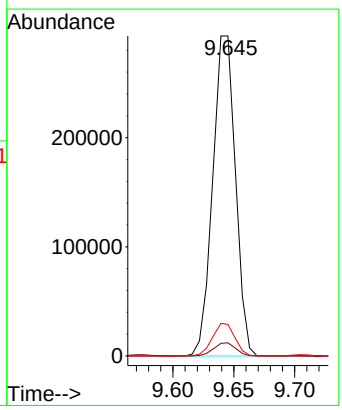


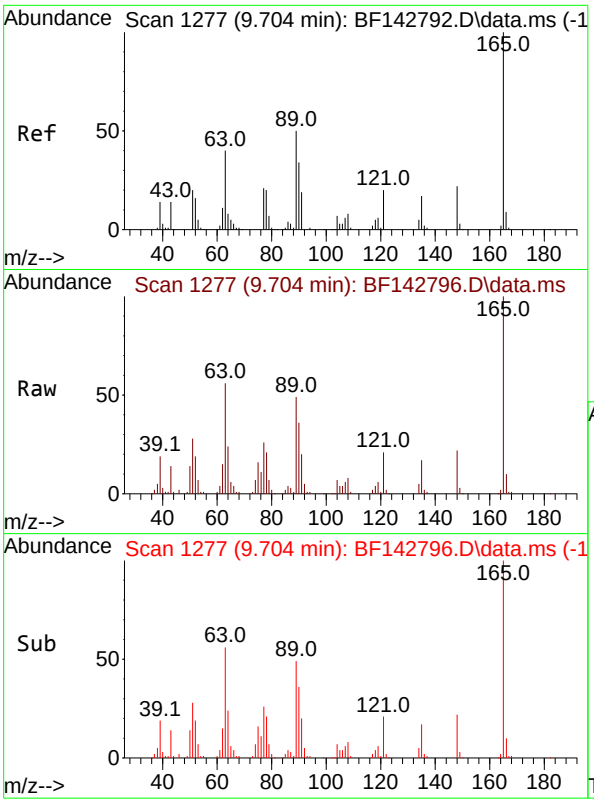


#50
Dimethylphthalate
Concen: 41.232 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



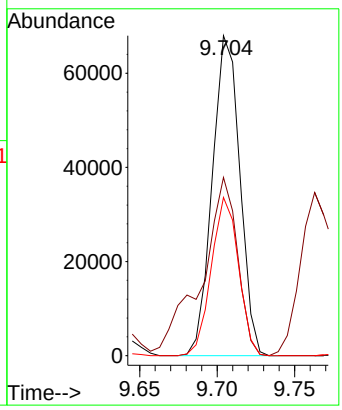


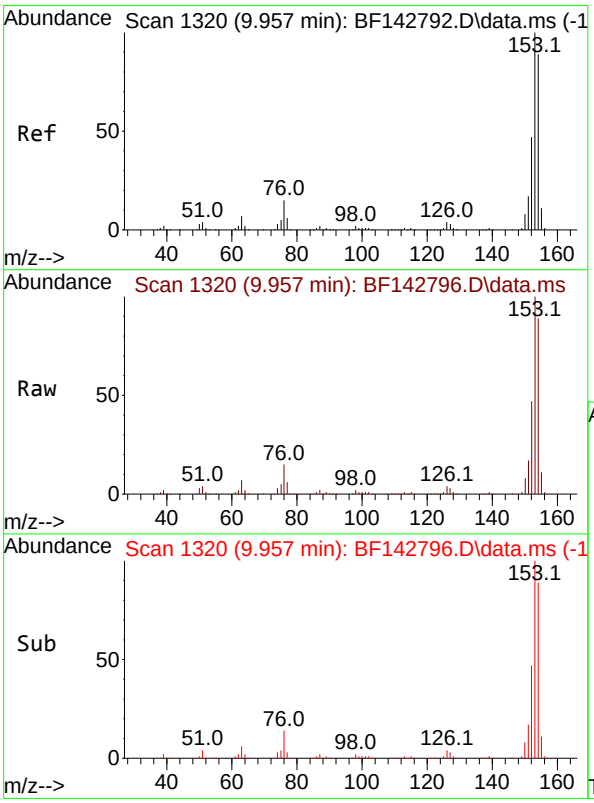
#51
2,6-Dinitrotoluene
Concen: 41.386 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

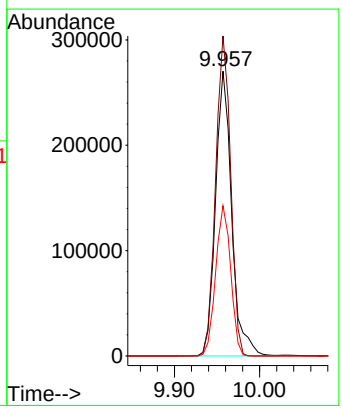


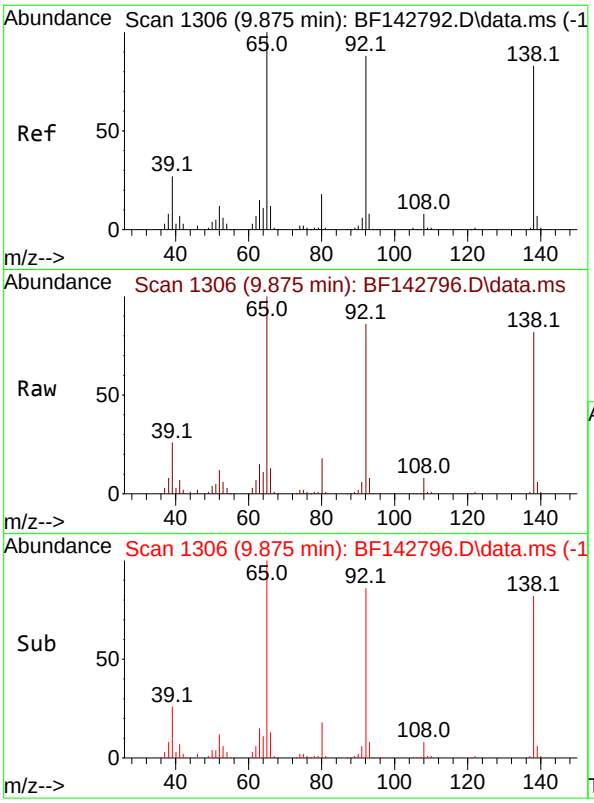


#52
Acenaphthene
Concen: 41.825 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



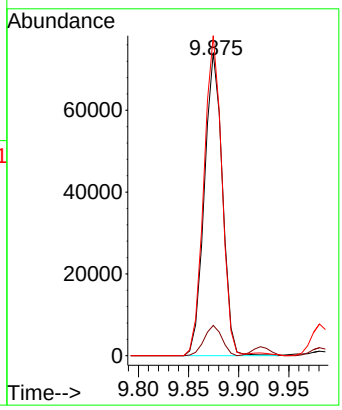


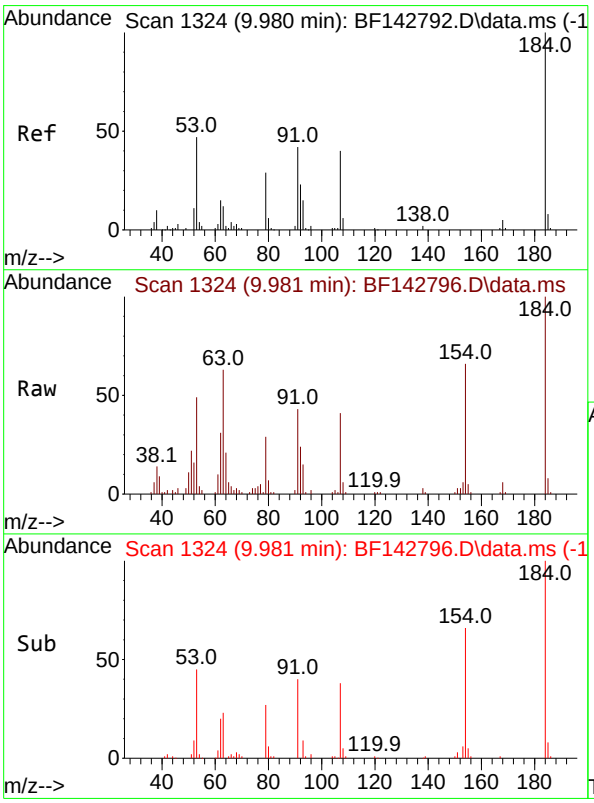
#53
3-Nitroaniline
Concen: 41.512 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

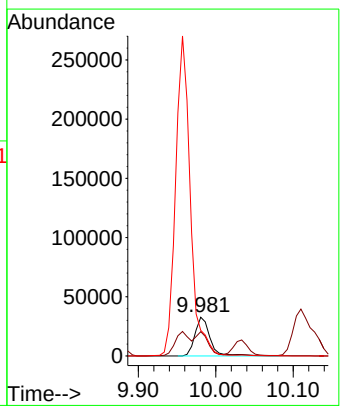


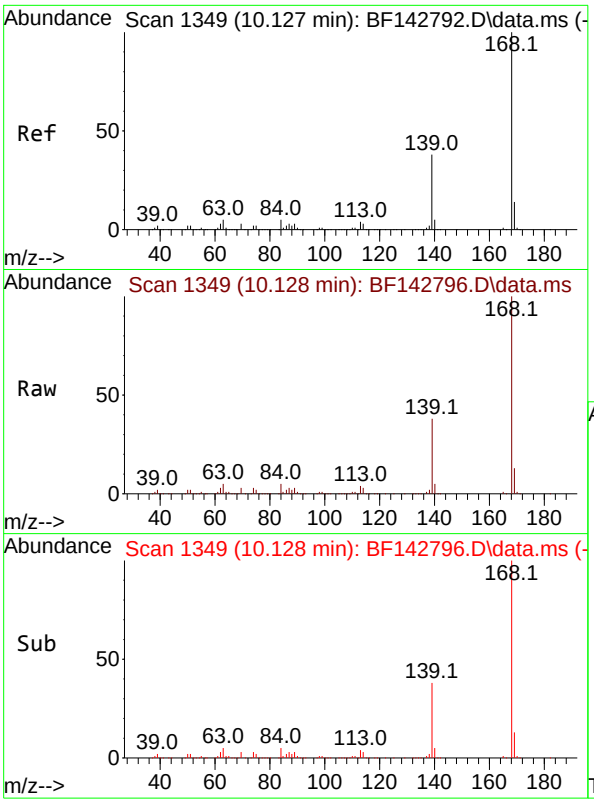


#54
2,4-Dinitrophenol
Concen: 43.742 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



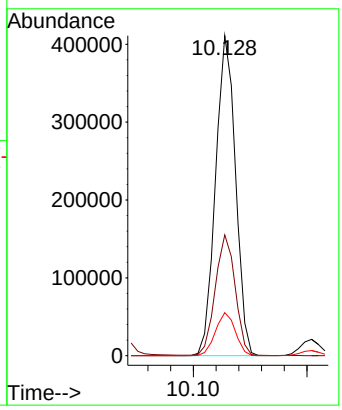


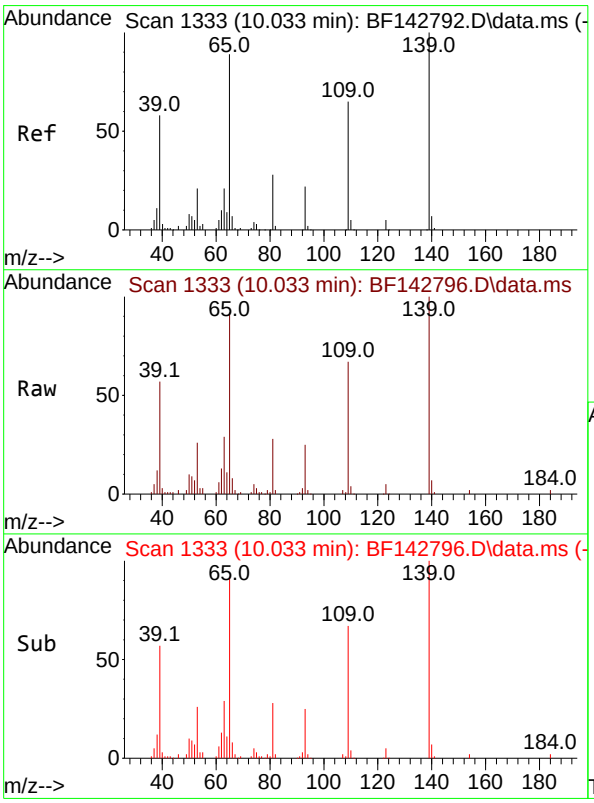
#55
Dibenzofuran
Concen: 41.150 ng
RT: 10.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

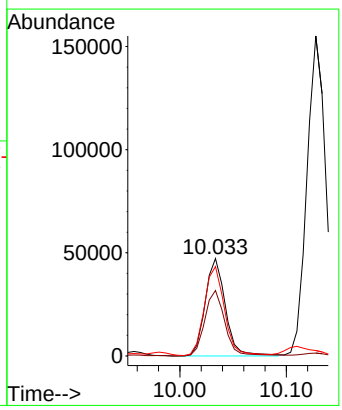


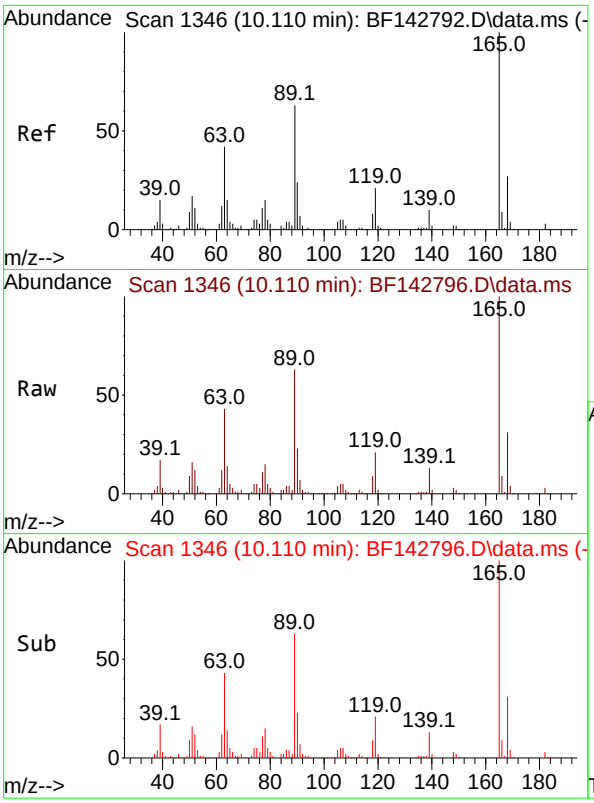


#56
4-Nitrophenol
Concen: 40.556 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



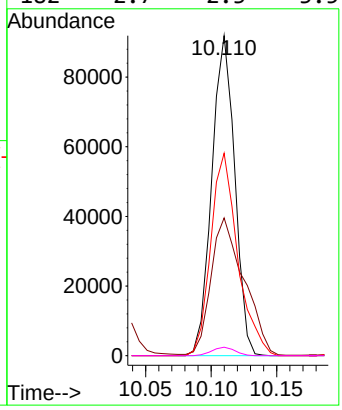


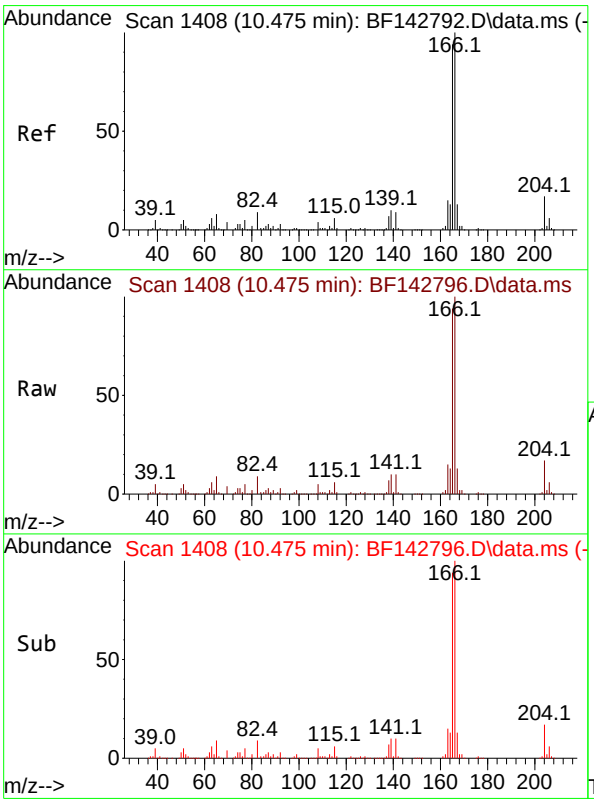
#57
2,4-Dinitrotoluene
Concen: 41.358 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

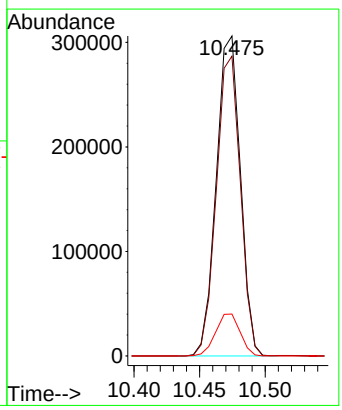


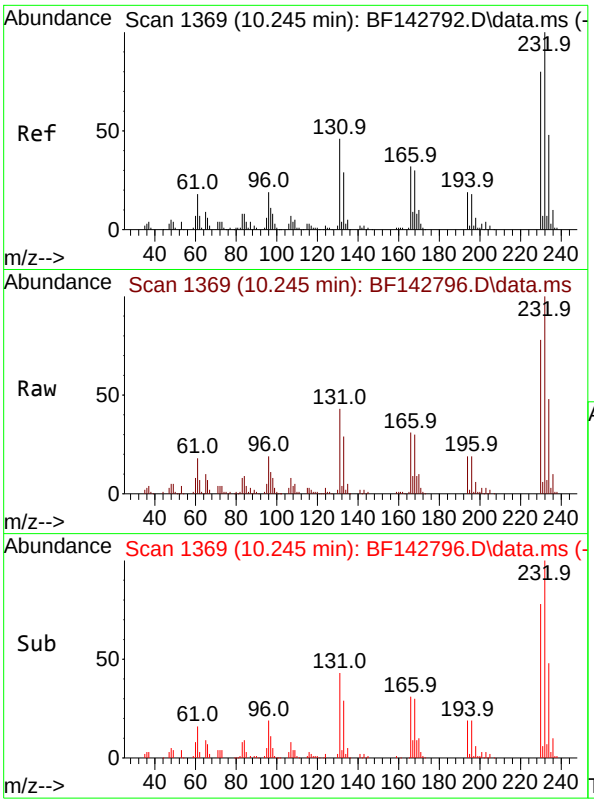


#58
Fluorene
Concen: 41.052 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



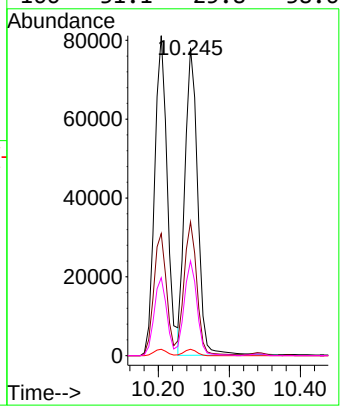


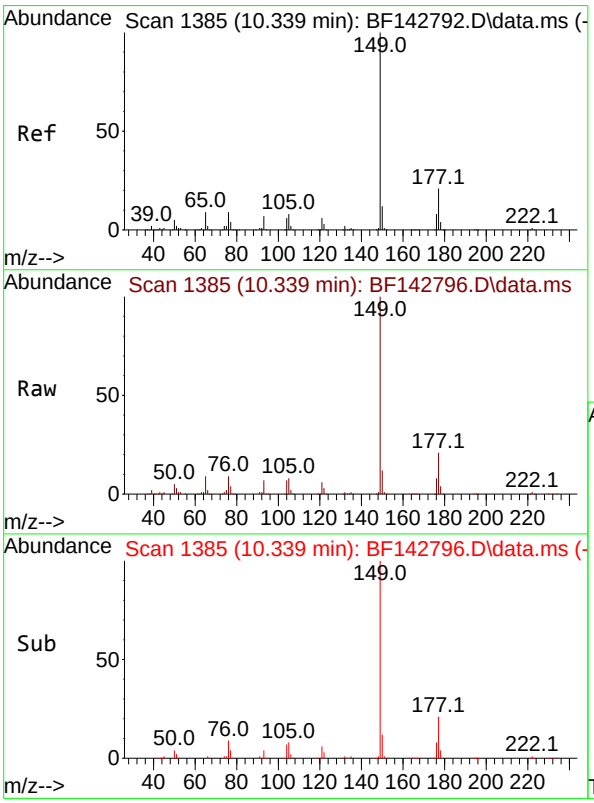
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.857 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

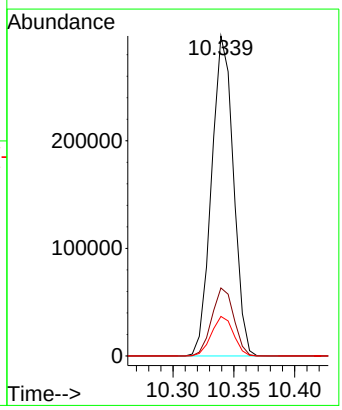


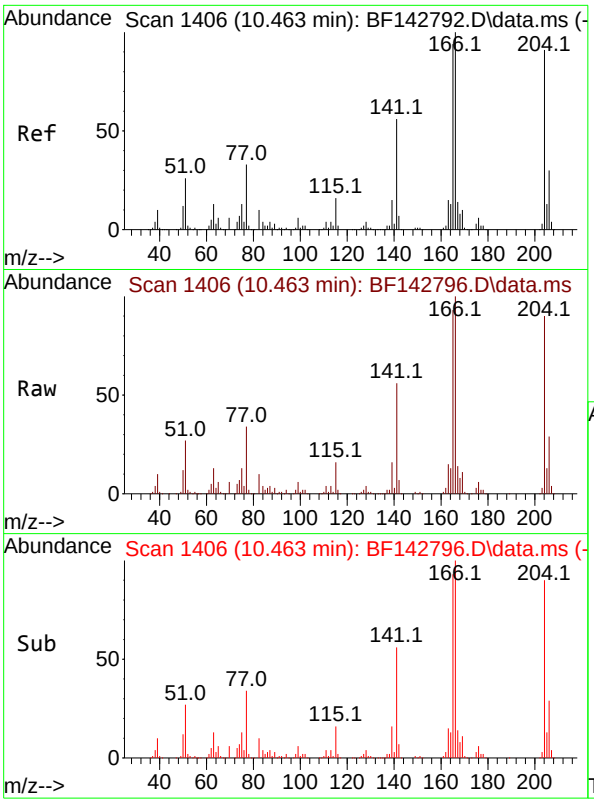


#60
Diethylphthalate
Concen: 40.937 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



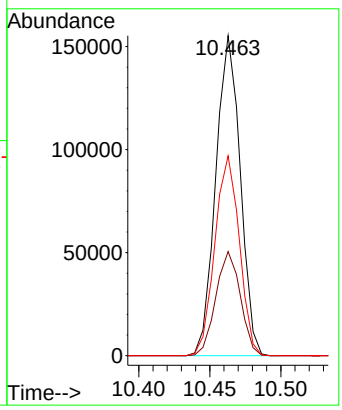


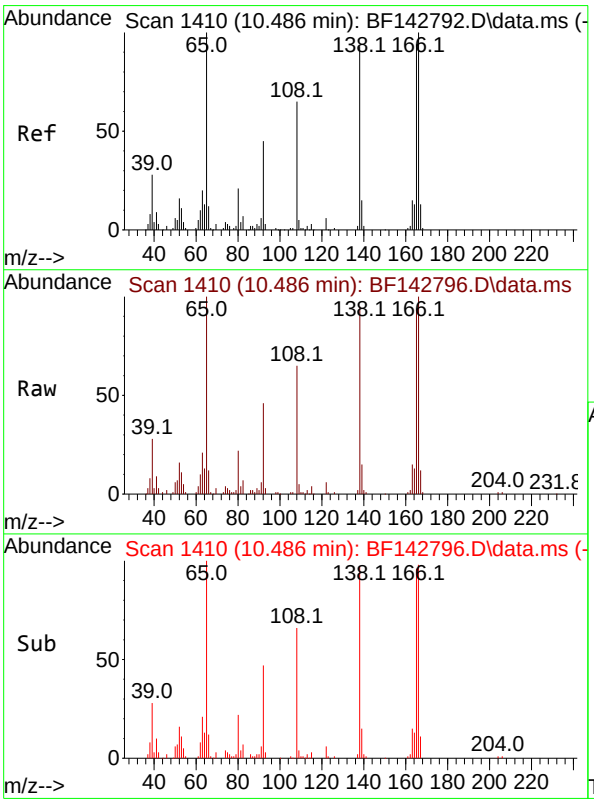
#61
4-Chlorophenyl-phenylether
Concen: 40.862 ng
RT: 10.463 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

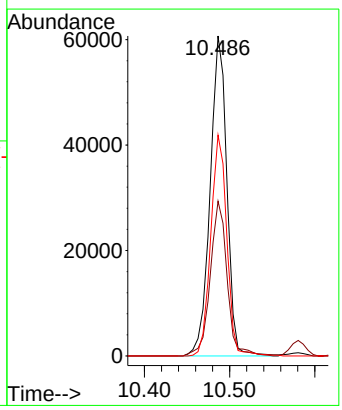


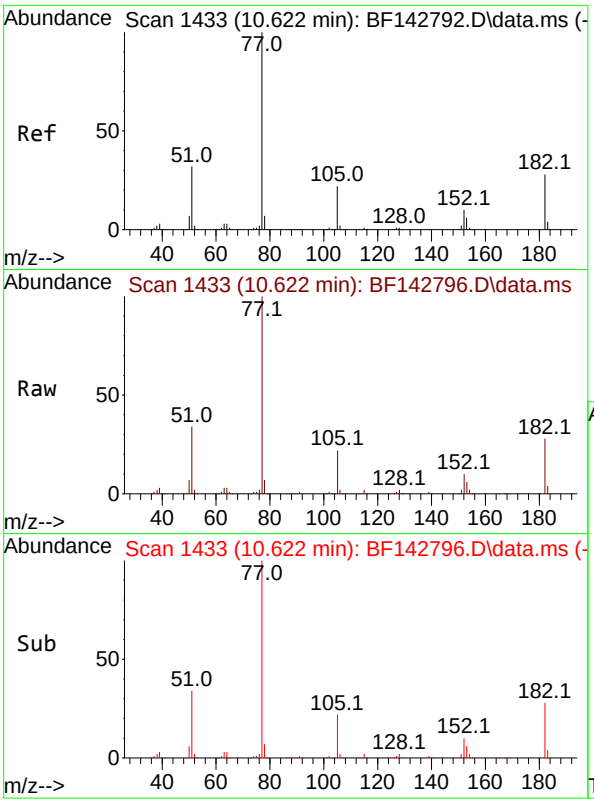


#62
4-Nitroaniline
Concen: 40.628 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



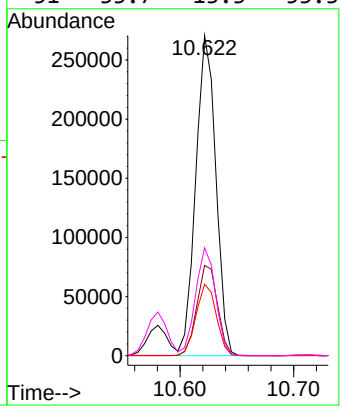


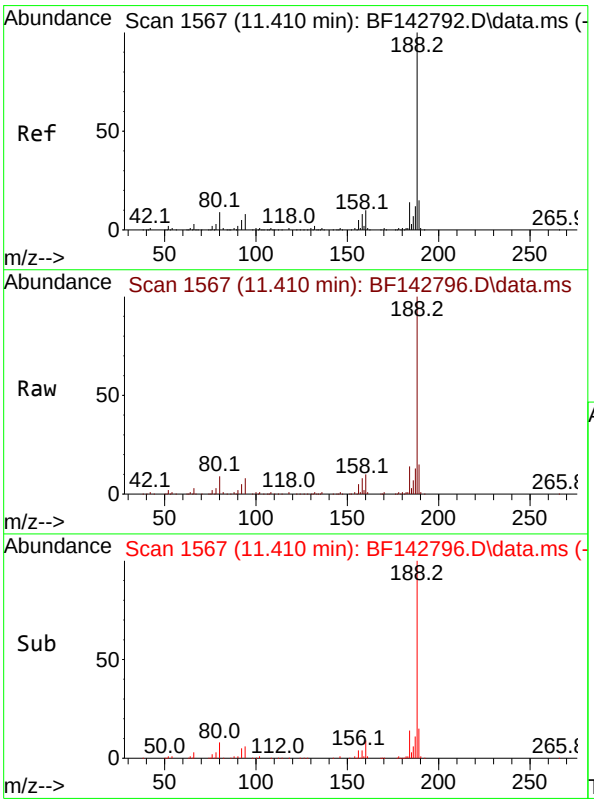
#63
Azobenzene
Concen: 41.025 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

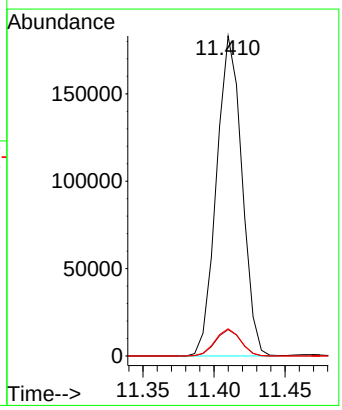


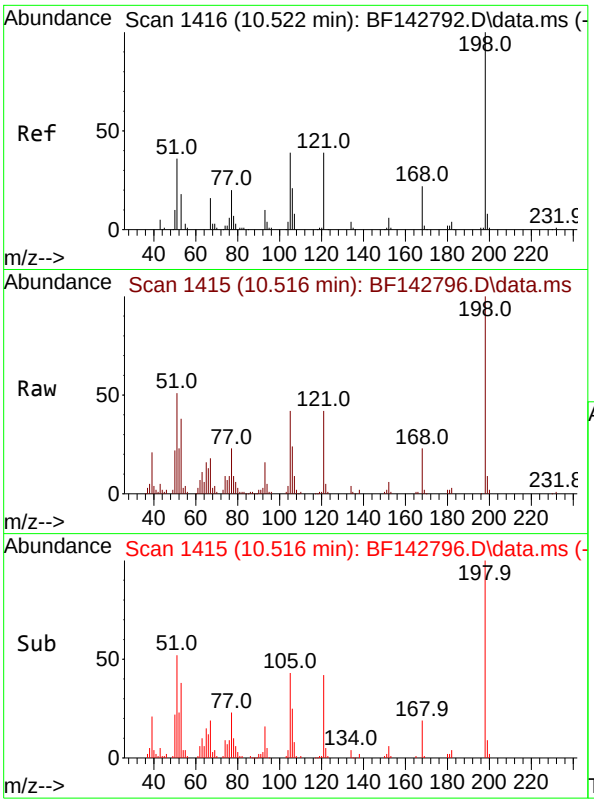


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



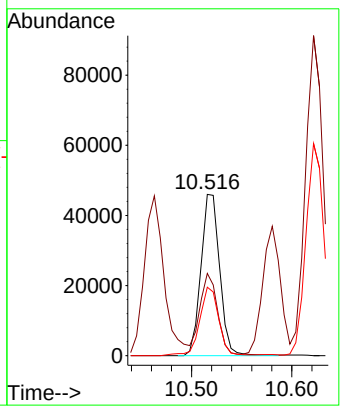


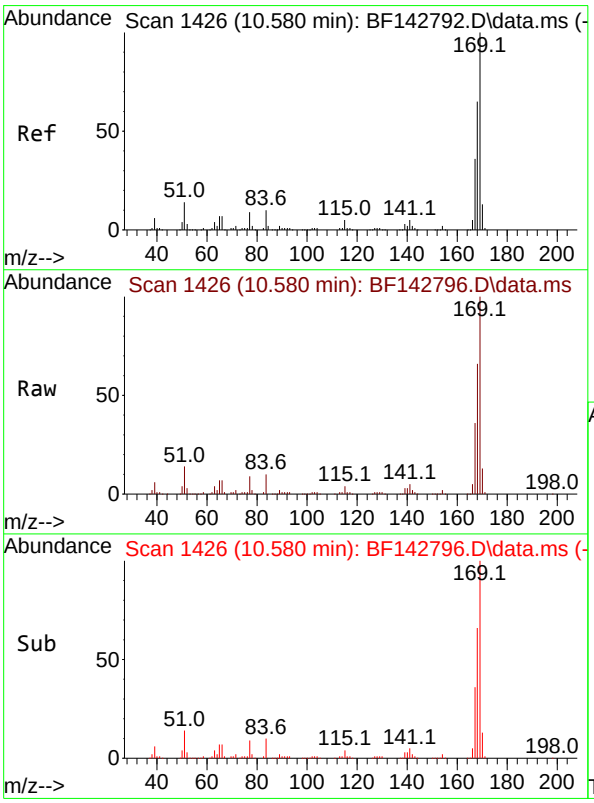
#65
4,6-Dinitro-2-methylphenol
Concen: 43.341 ng
RT: 10.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

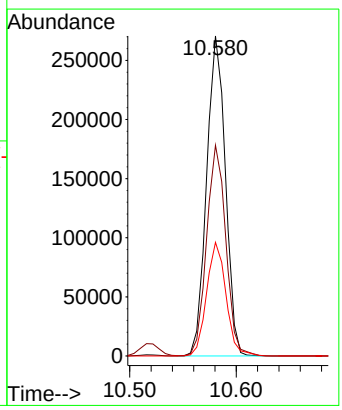


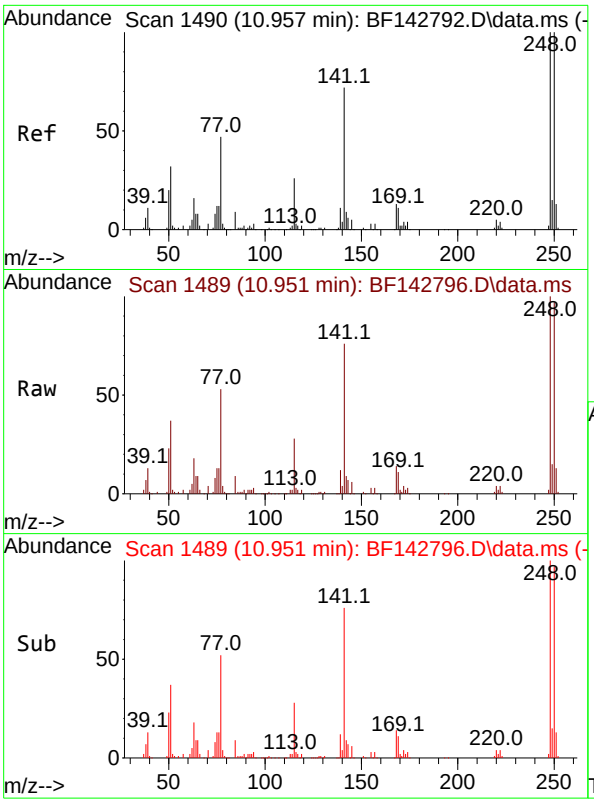


#66
n-Nitrosodiphenylamine
Concen: 41.955 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



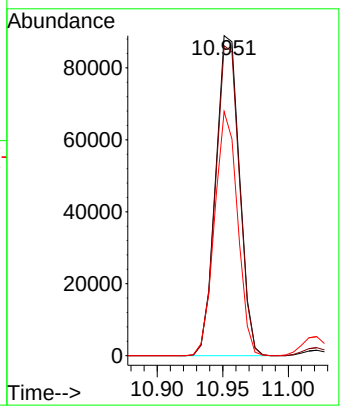


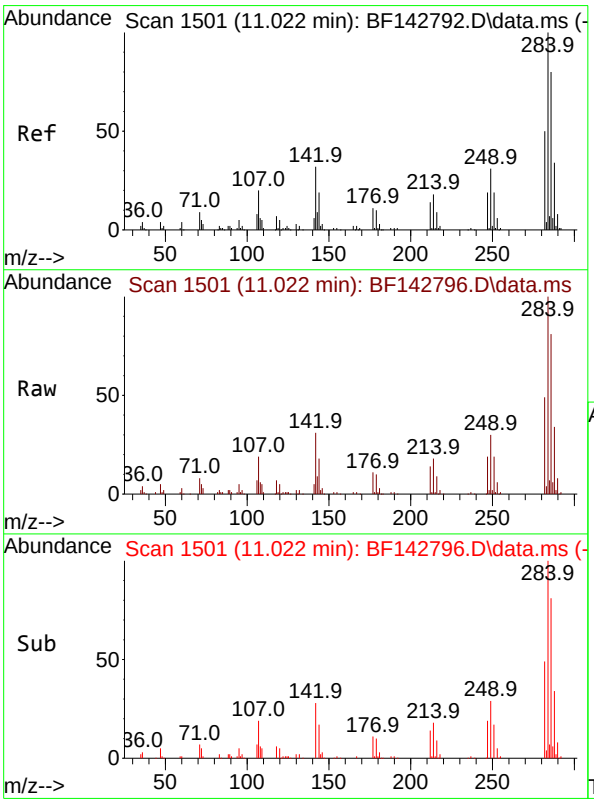
#67
4-Bromophenyl-phenylether
Concen: 43.376 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

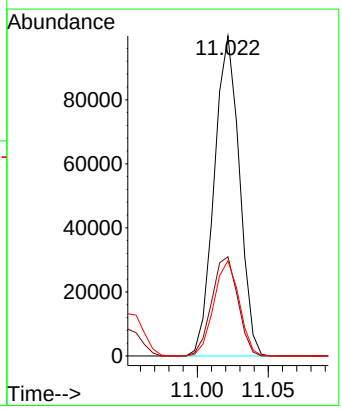


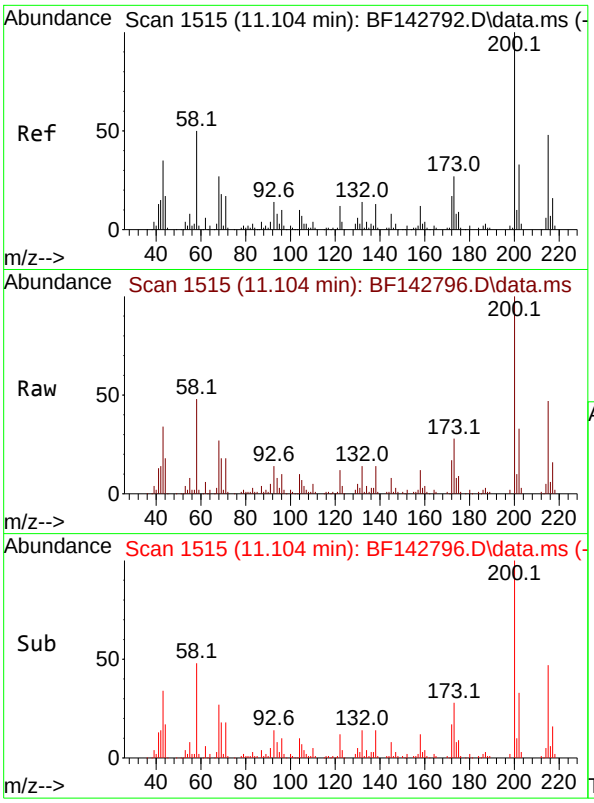


#68
Hexachlorobenzene
Concen: 42.632 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



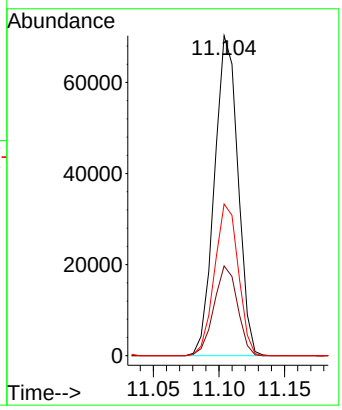


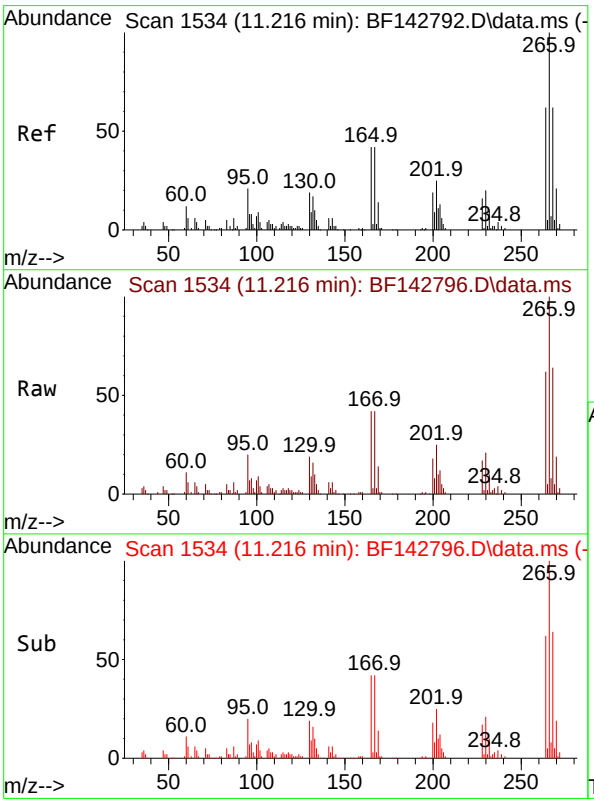
#69
Atrazine
Concen: 42.840 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

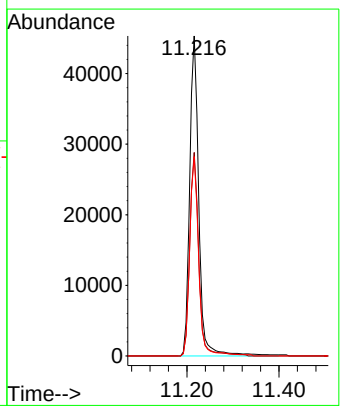


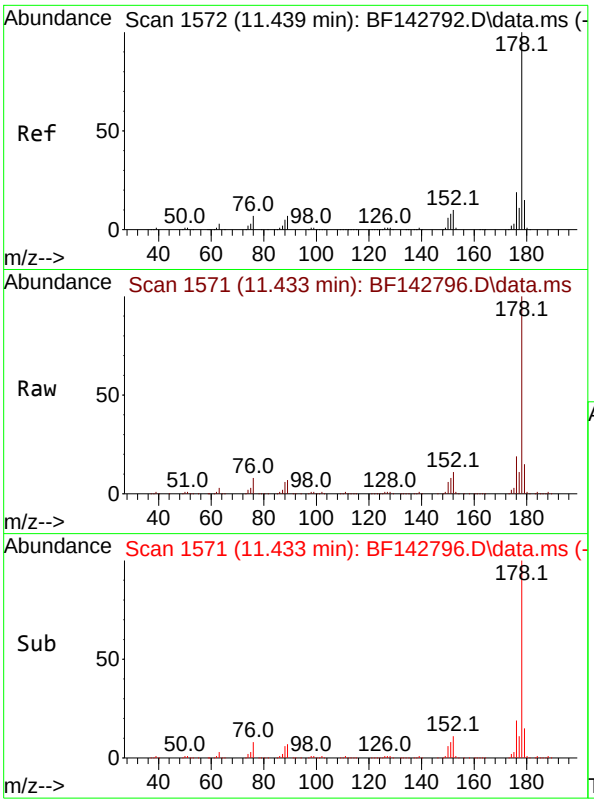


#70
Pentachlorophenol
Concen: 43.337 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



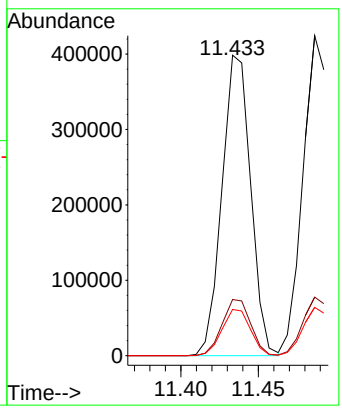


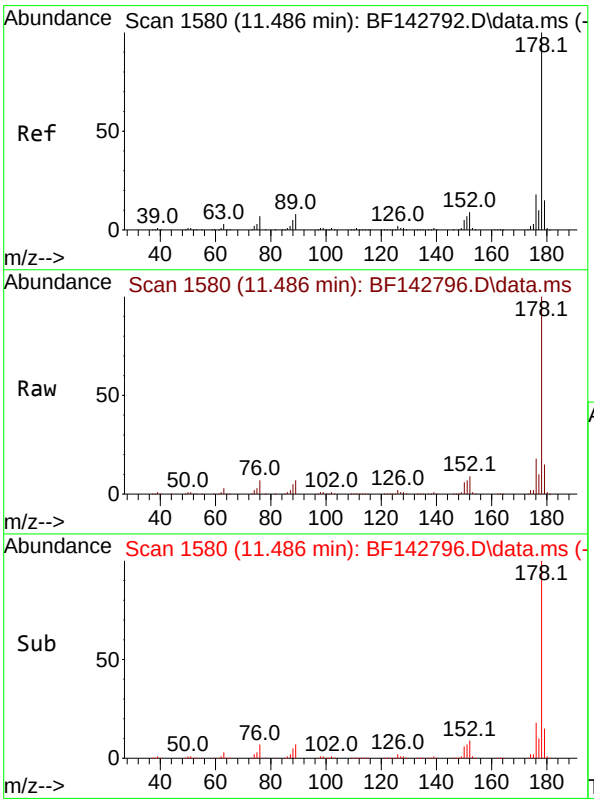
#71
Phenanthrene
Concen: 41.603 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

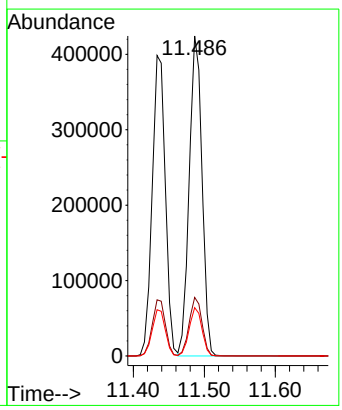


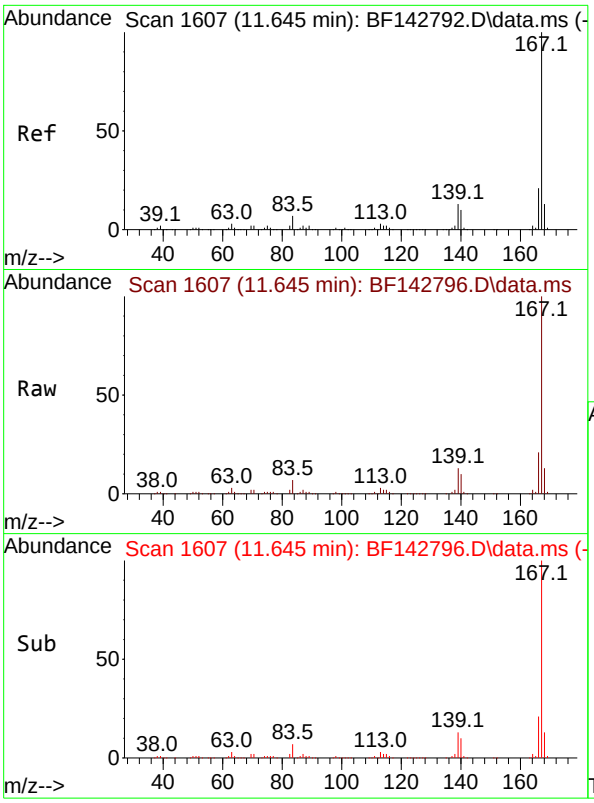


#72
Anthracene
Concen: 42.013 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



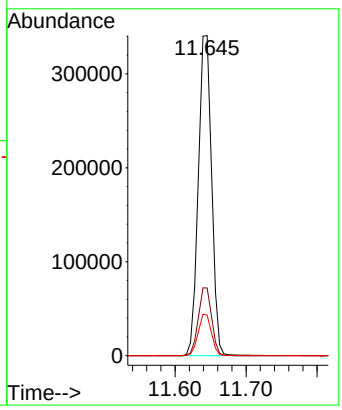


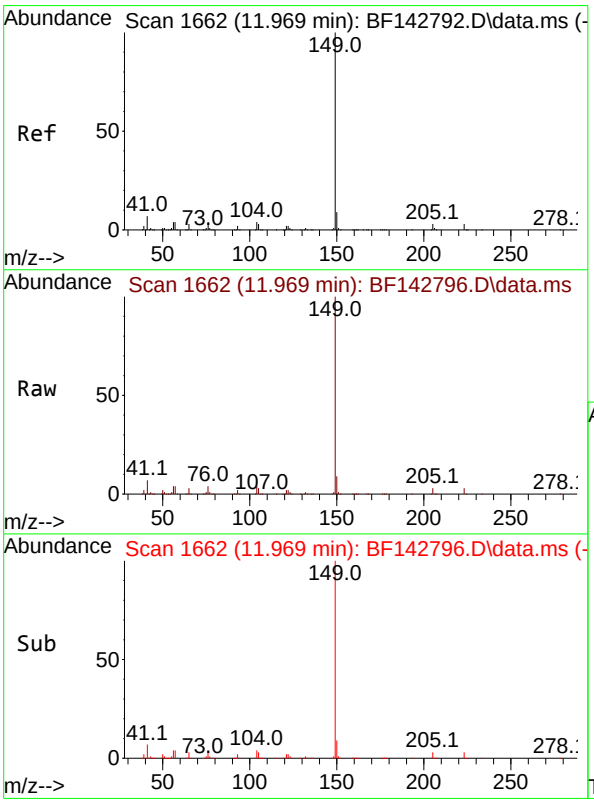
#73
Carbazole
Concen: 40.858 ng
RT: 11.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

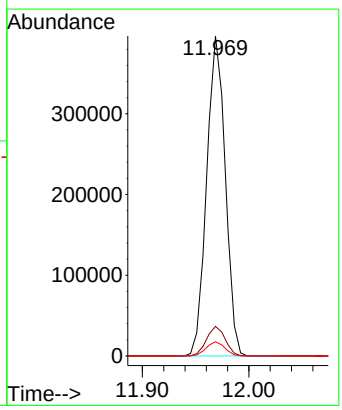


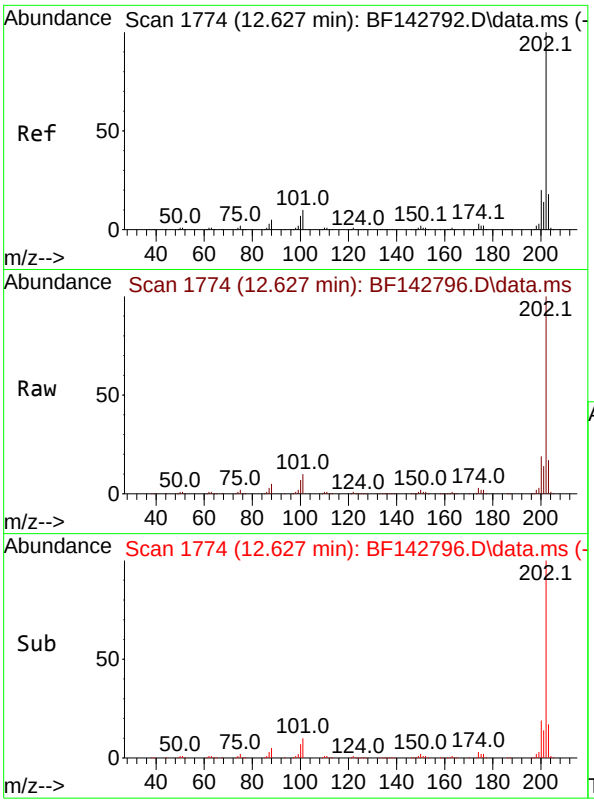


#74
Di-n-butylphthalate
Concen: 42.228 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



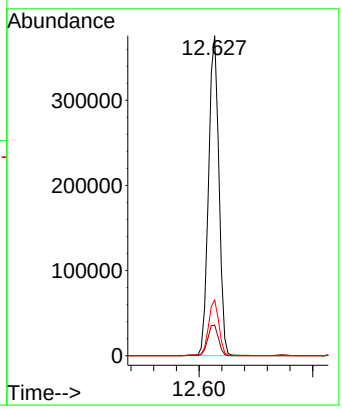


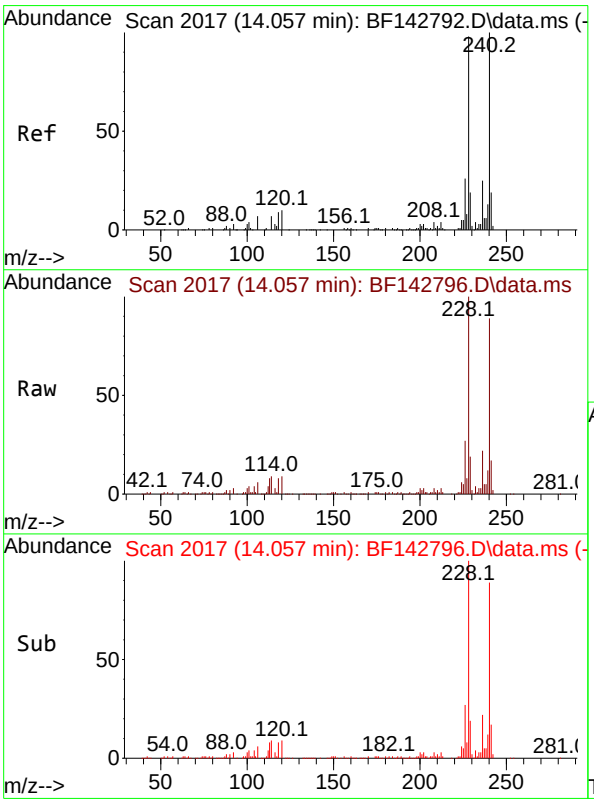
#75
Fluoranthene
Concen: 40.372 ng
RT: 12.627 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

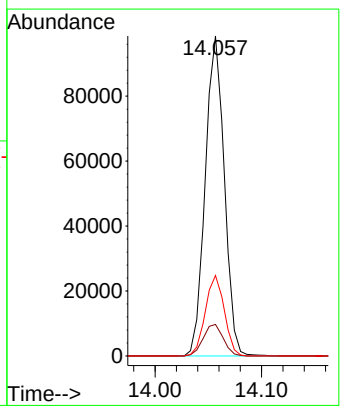


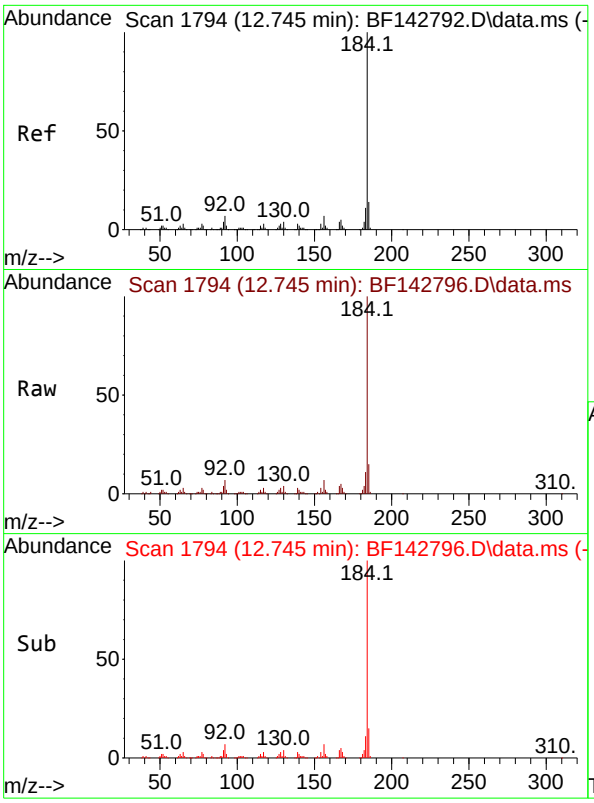


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



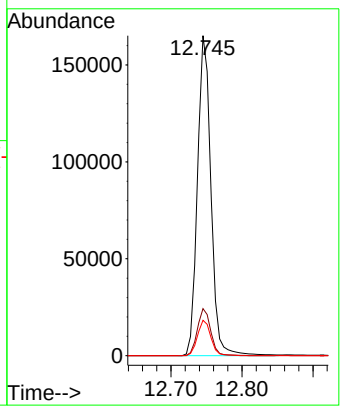


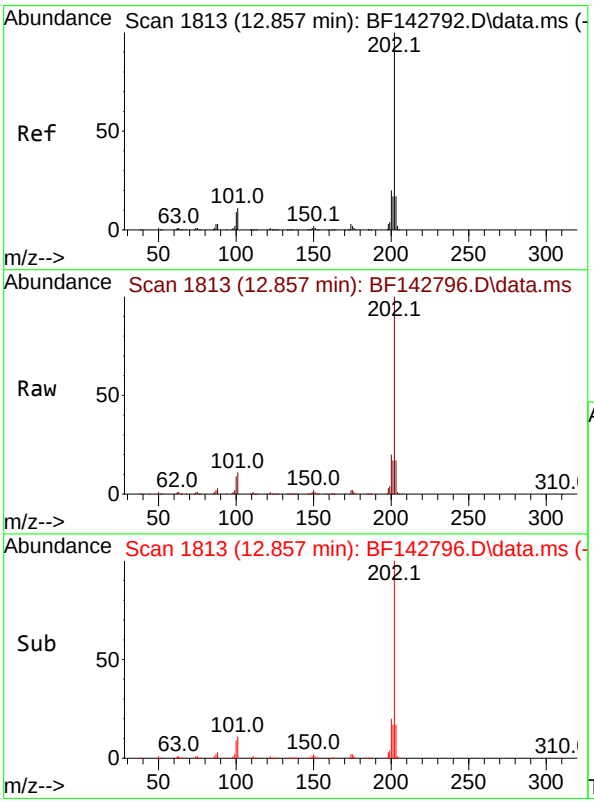
#77
Benzidine
Concen: 47.530 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

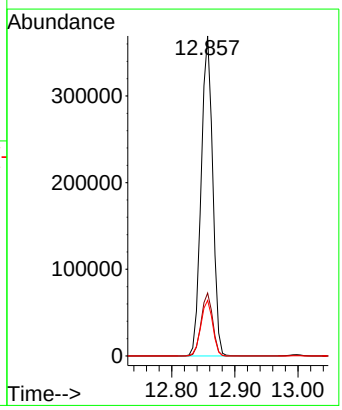


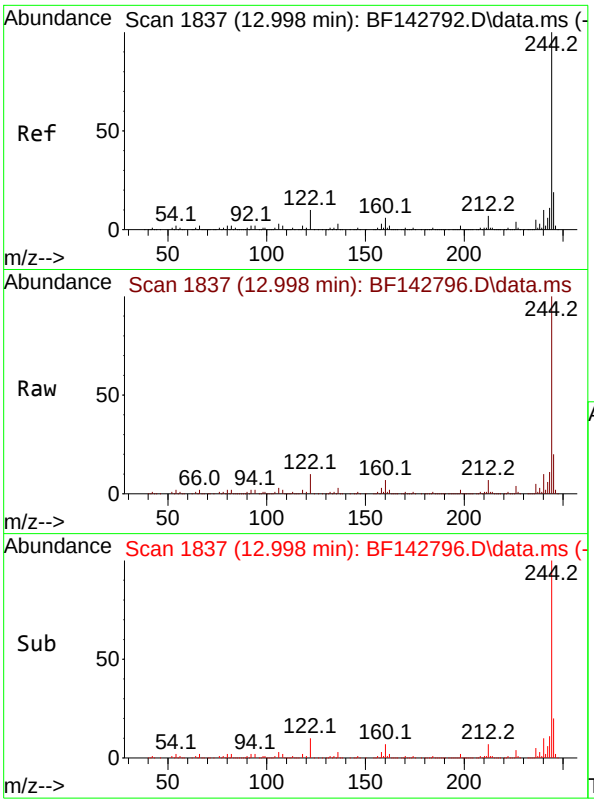


#78
Pyrene
Concen: 40.794 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



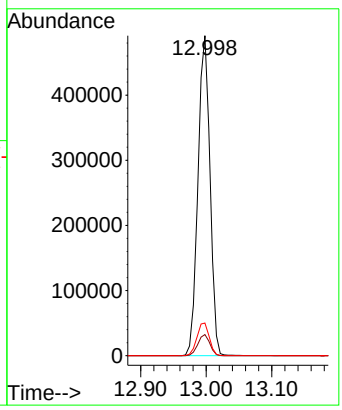


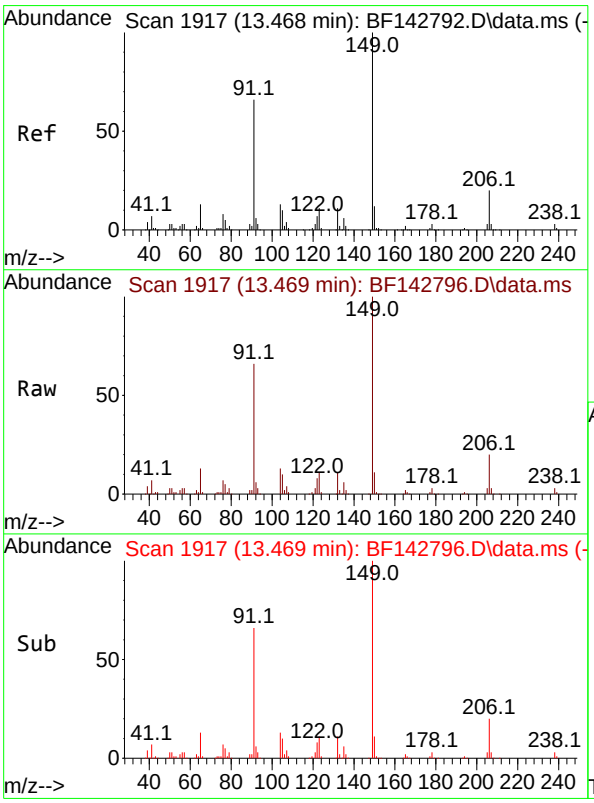
#79
Terphenyl-d14
Concen: 70.839 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

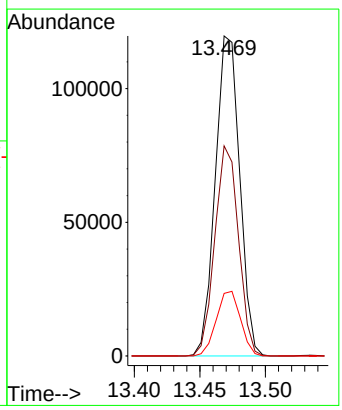


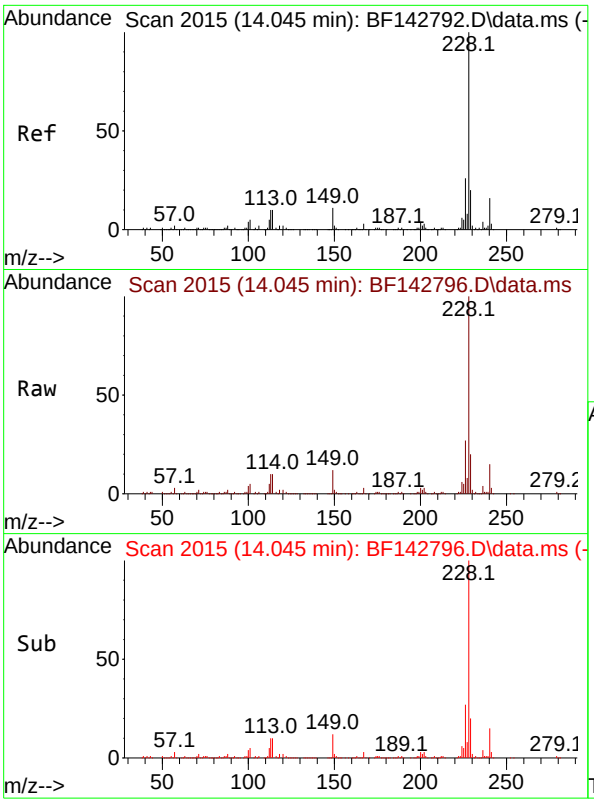


#80
Butylbenzylphthalate
Concen: 46.431 ng
RT: 13.469 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



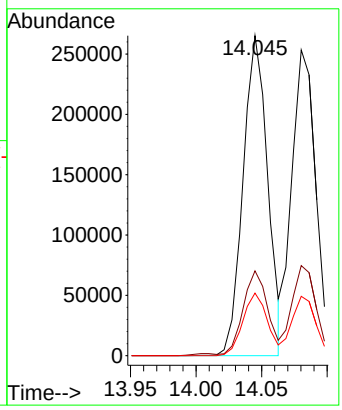


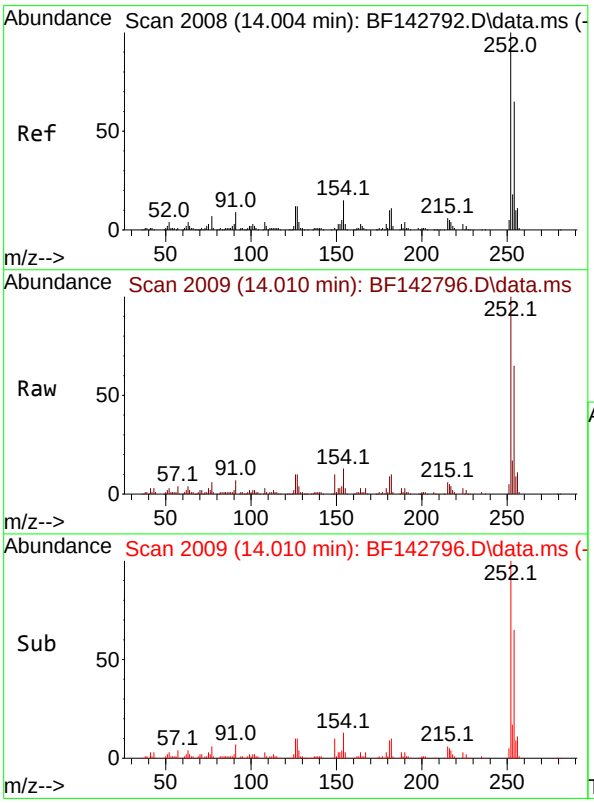
#81
Benzo(a)anthracene
Concen: 41.868 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

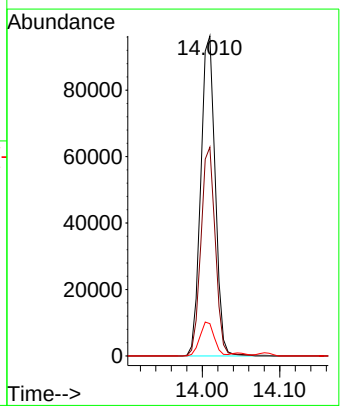


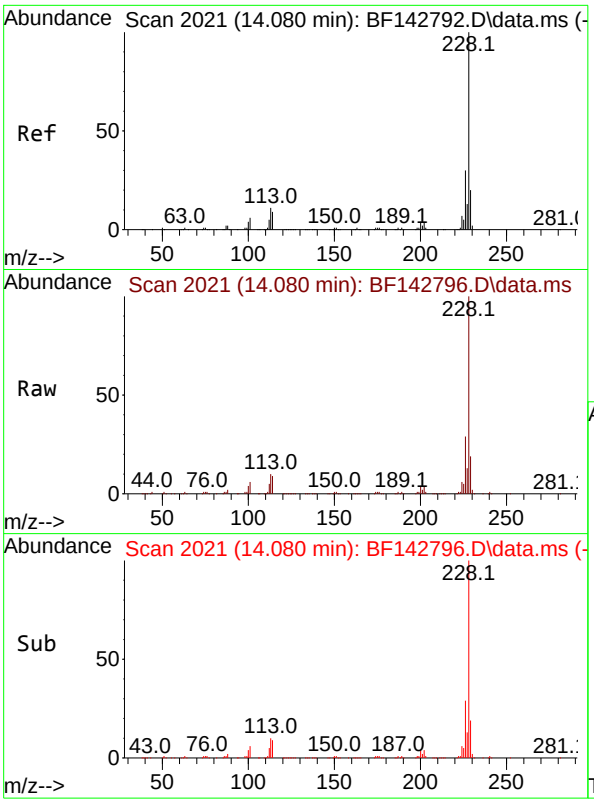


#82
3,3'-Dichlorobenzidine
Concen: 46.521 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



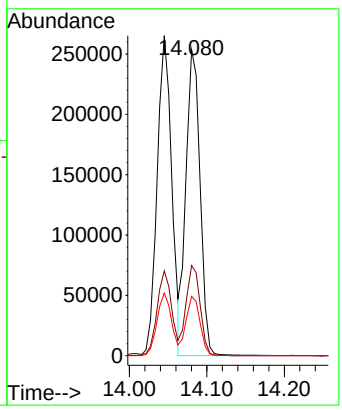


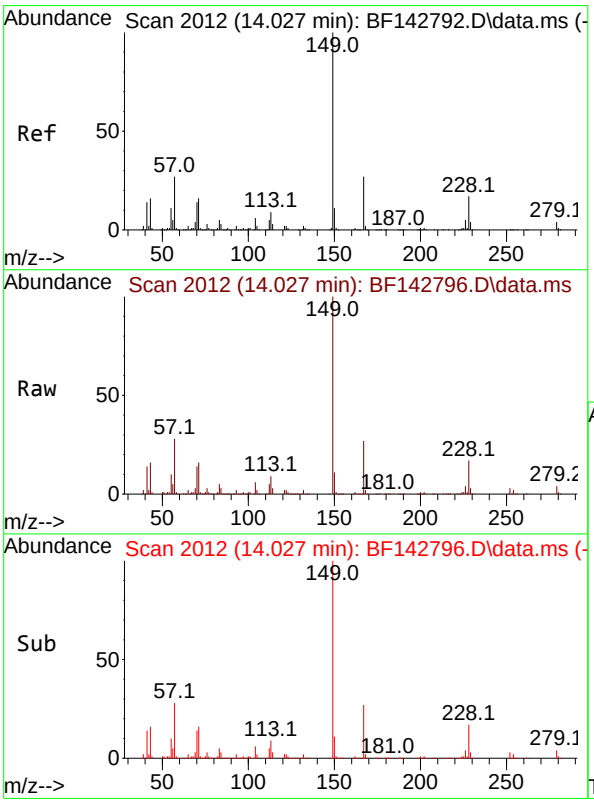
#83
Chrysene
Concen: 43.637 ng
RT: 14.080 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

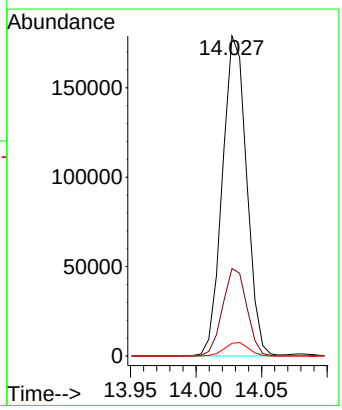


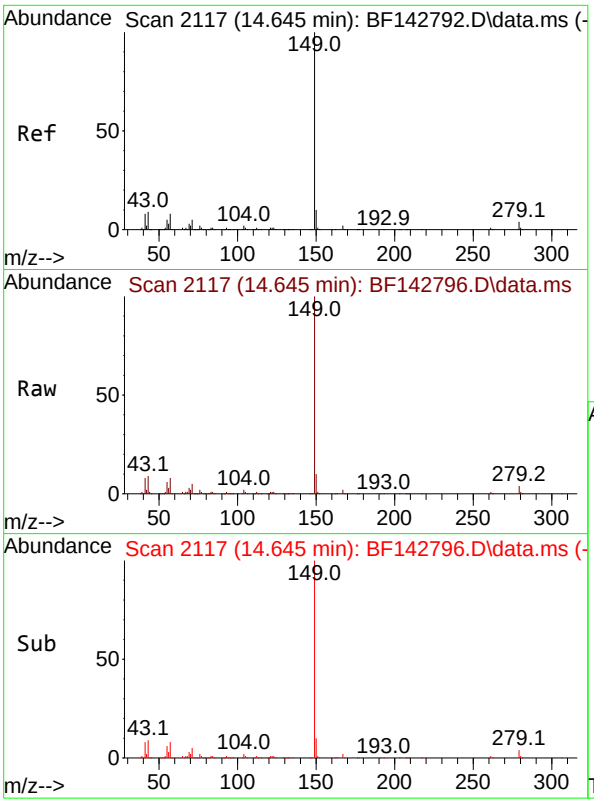


#84
Bis(2-ethylhexyl)phthalate
Concen: 47.976 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



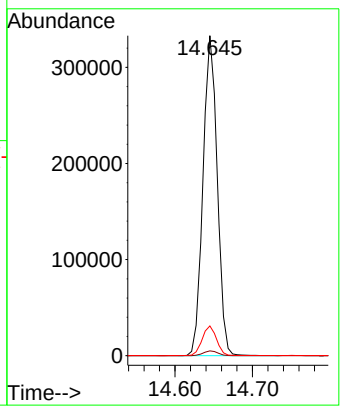


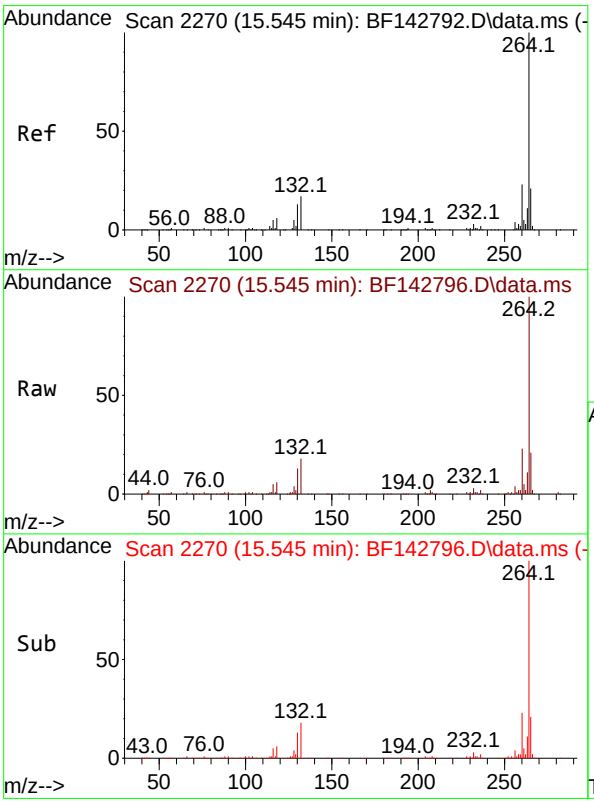
#85
Di-n-octyl phthalate
Concen: 47.026 ng
RT: 14.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

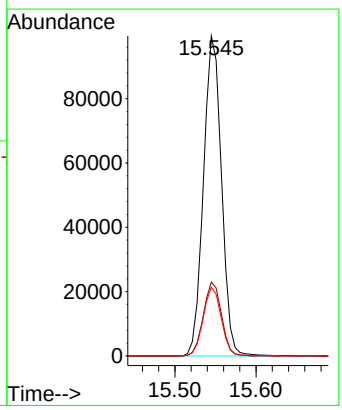


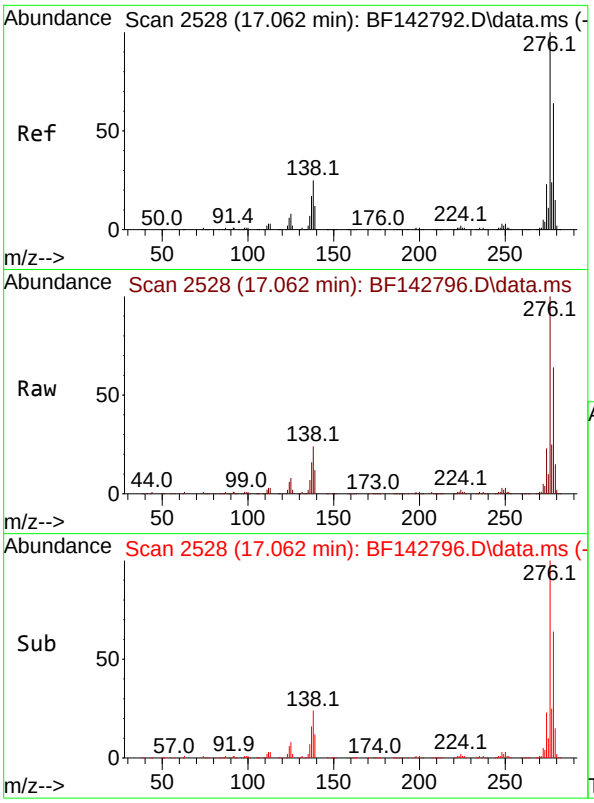


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



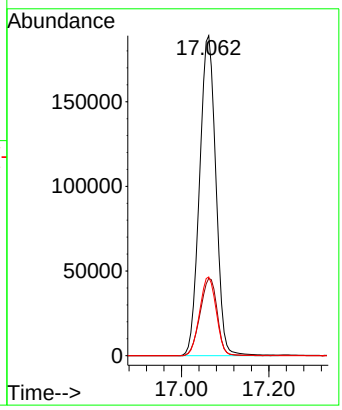


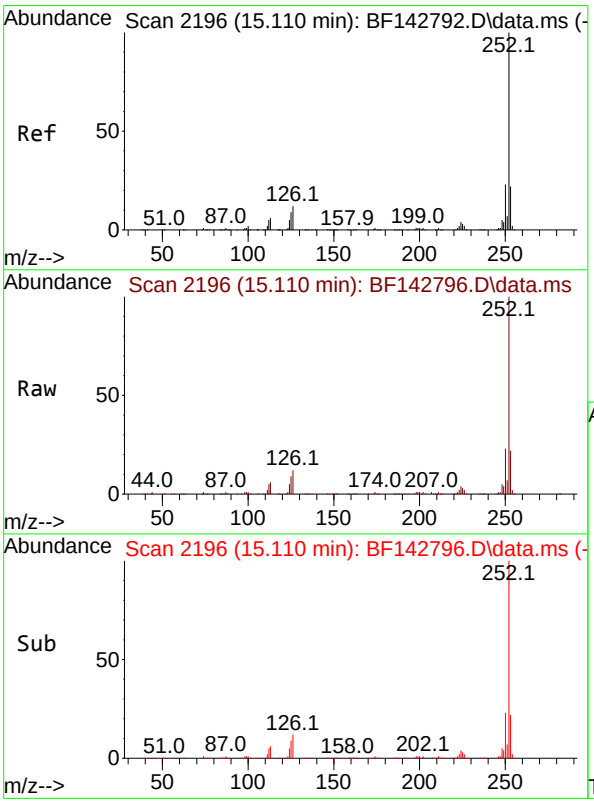
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.060 ng
RT: 17.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

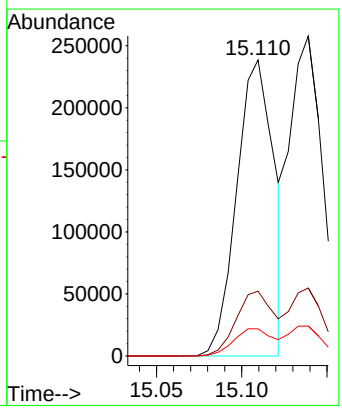


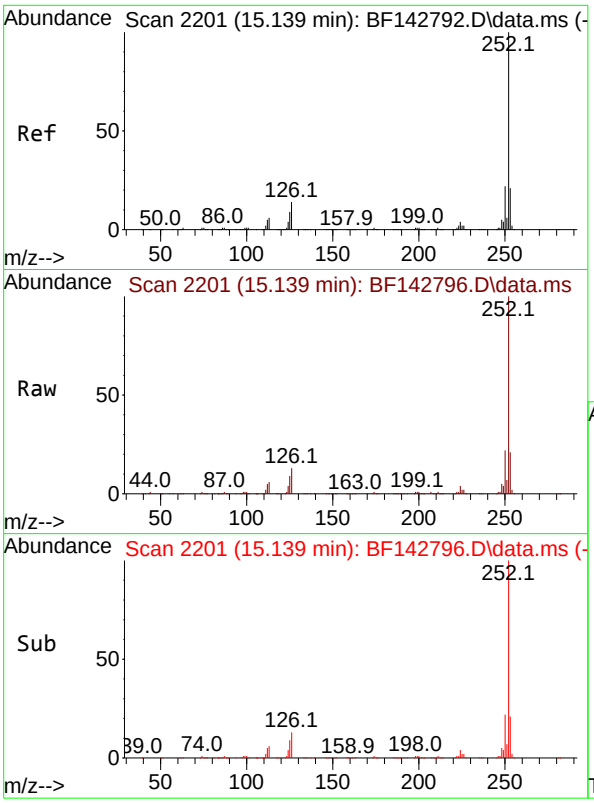


#88
Benzo(b)fluoranthene
Concen: 40.801 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



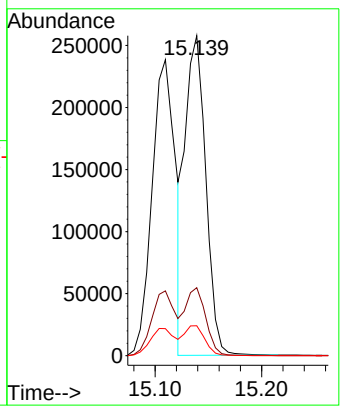


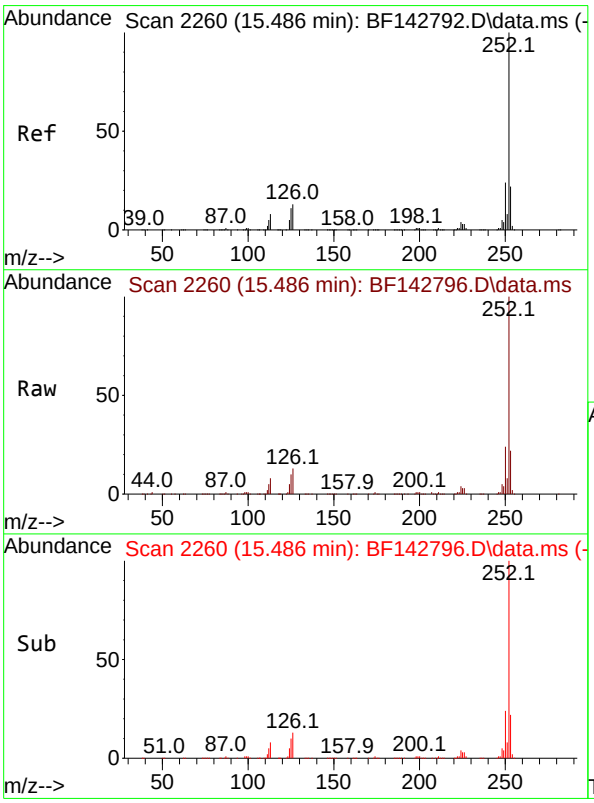
#89
Benzo(k)fluoranthene
Concen: 41.800 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

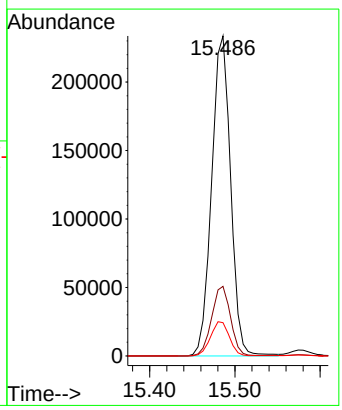


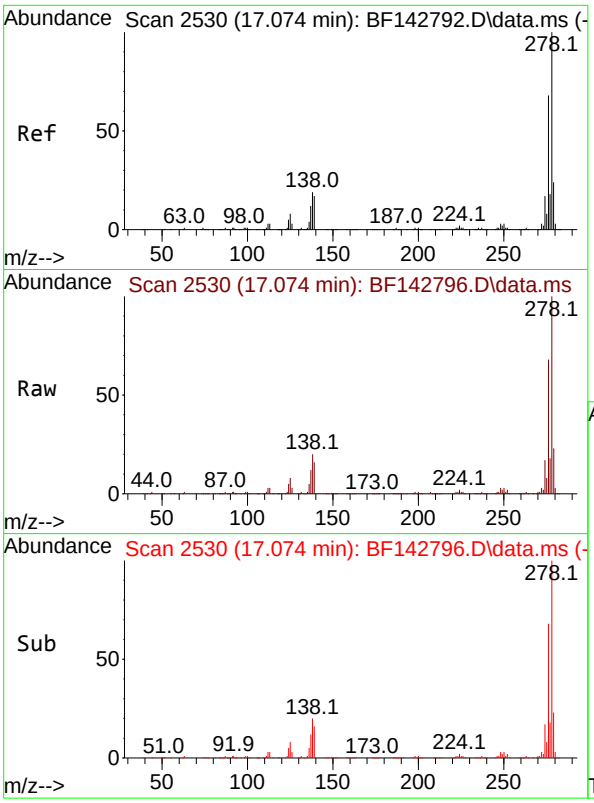


#90
Benzo(a)pyrene
Concen: 42.117 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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



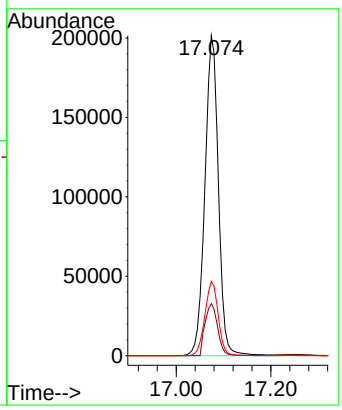


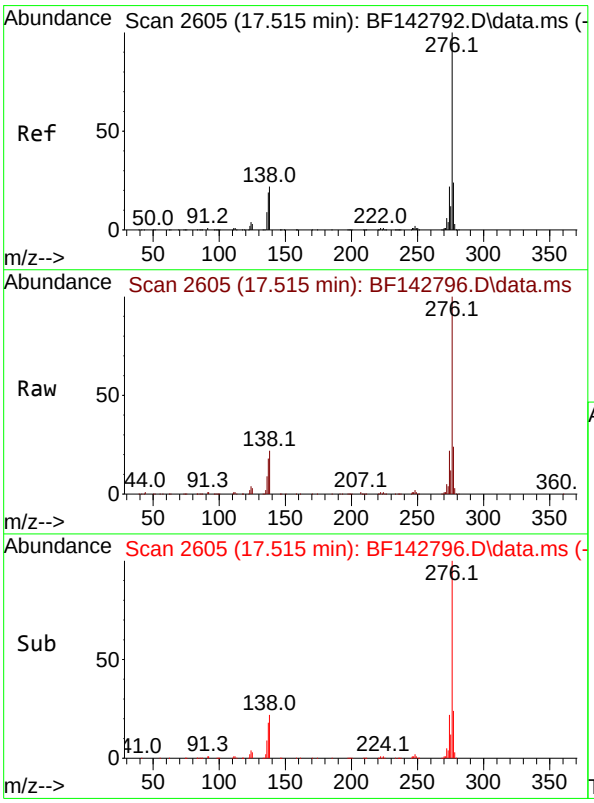
#91
Dibenzo(a,h)anthracene
Concen: 42.069 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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

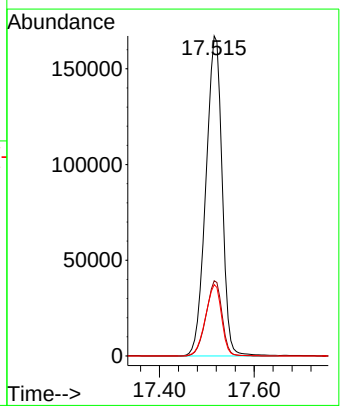




#92
Benzo(g,h,i)perylene
Concen: 42.006 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF142796.D
Acq: 19 Jun 2025 21:10

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 :
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Instrument :
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Quant Time: Jun 24 15:59:56 2025
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	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
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

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

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

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

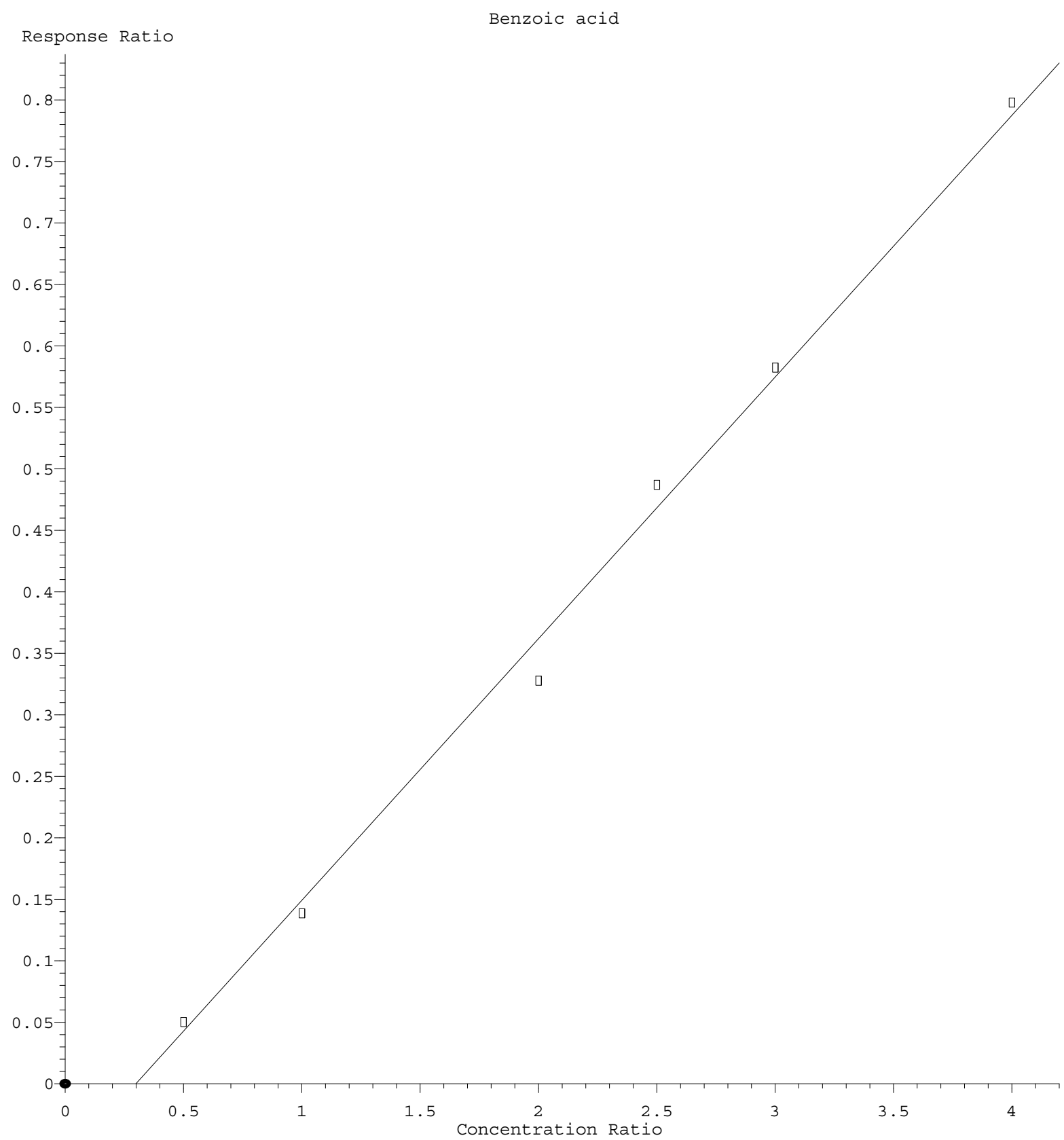
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

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

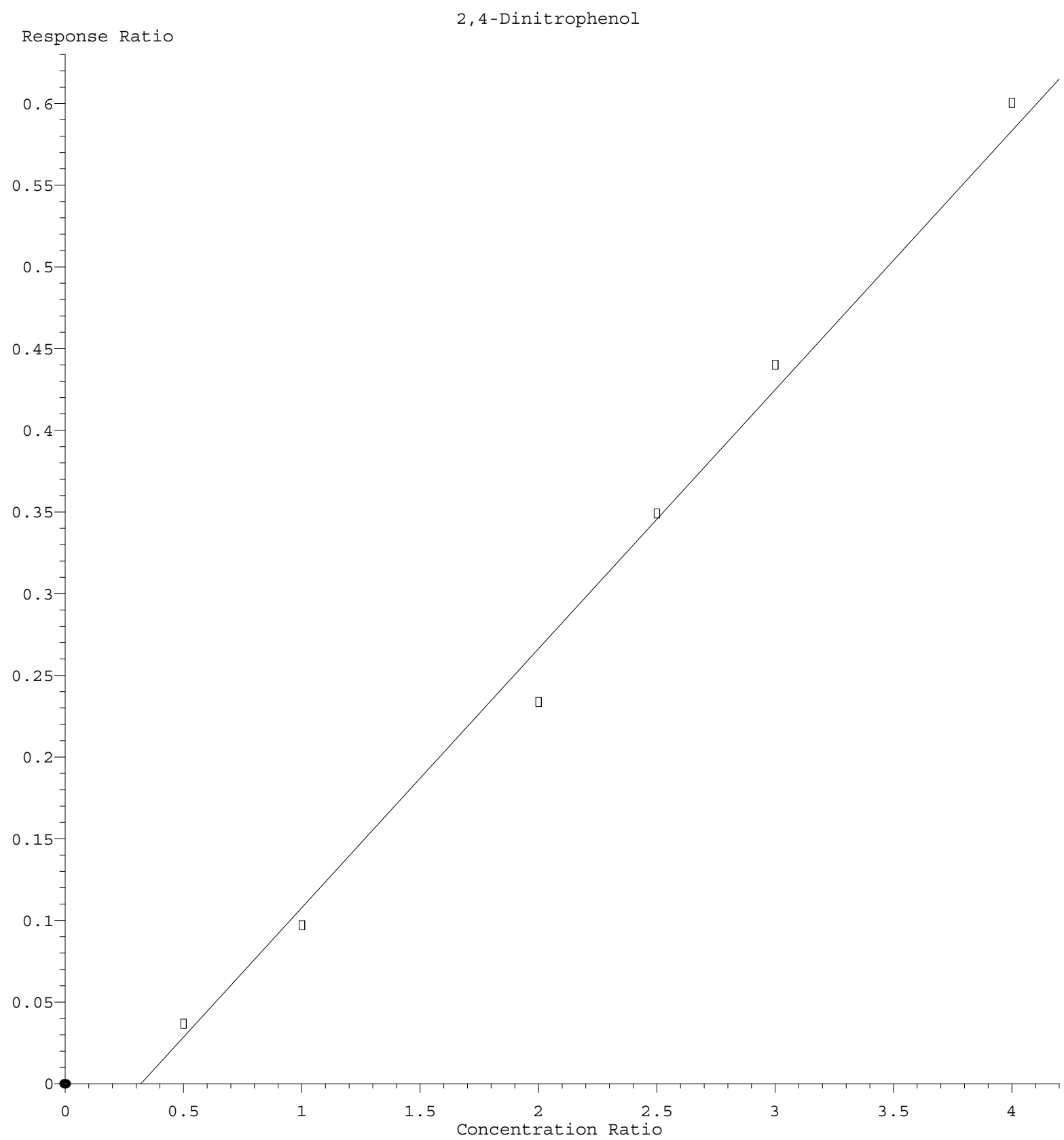
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM070925.M

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

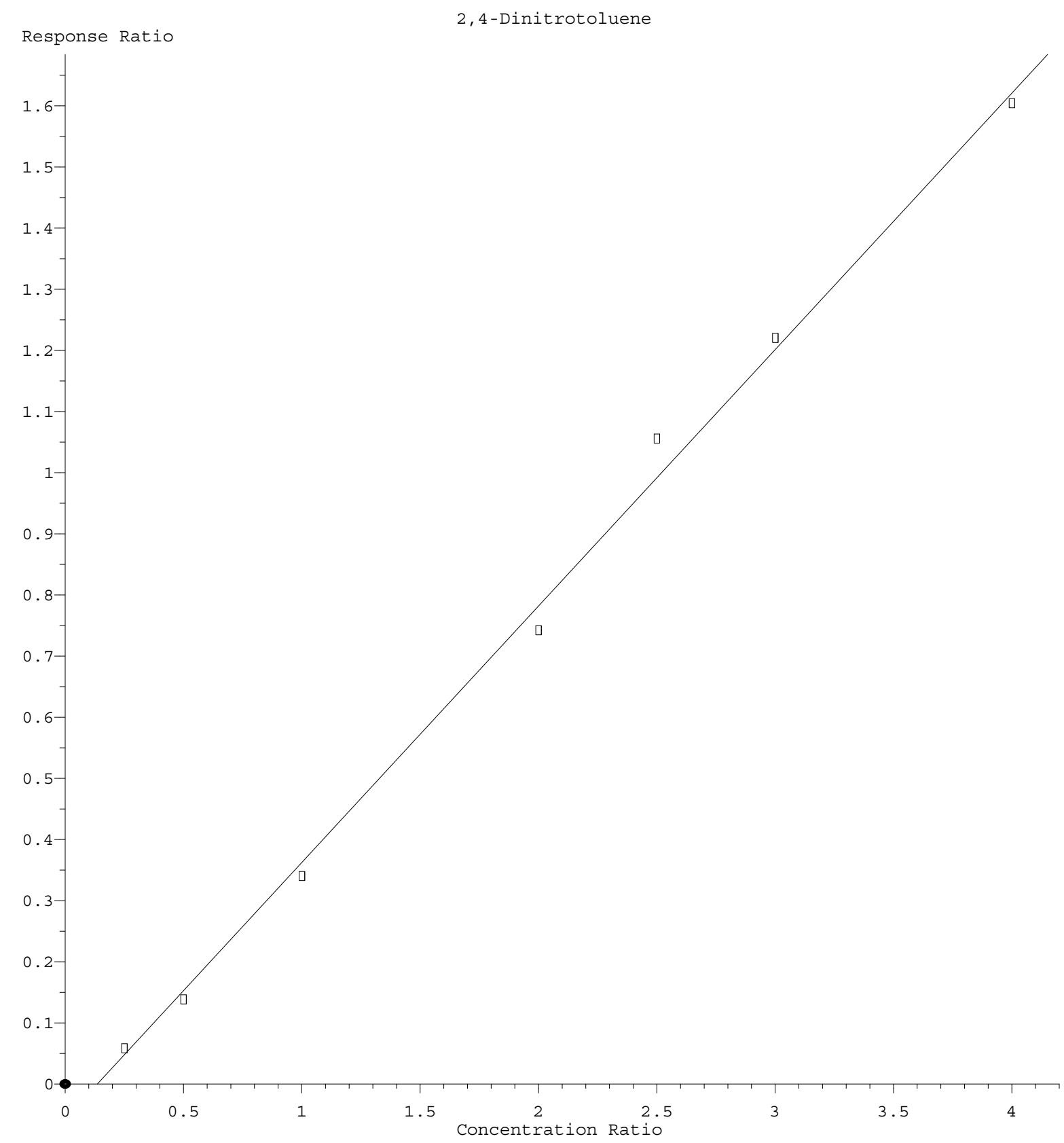
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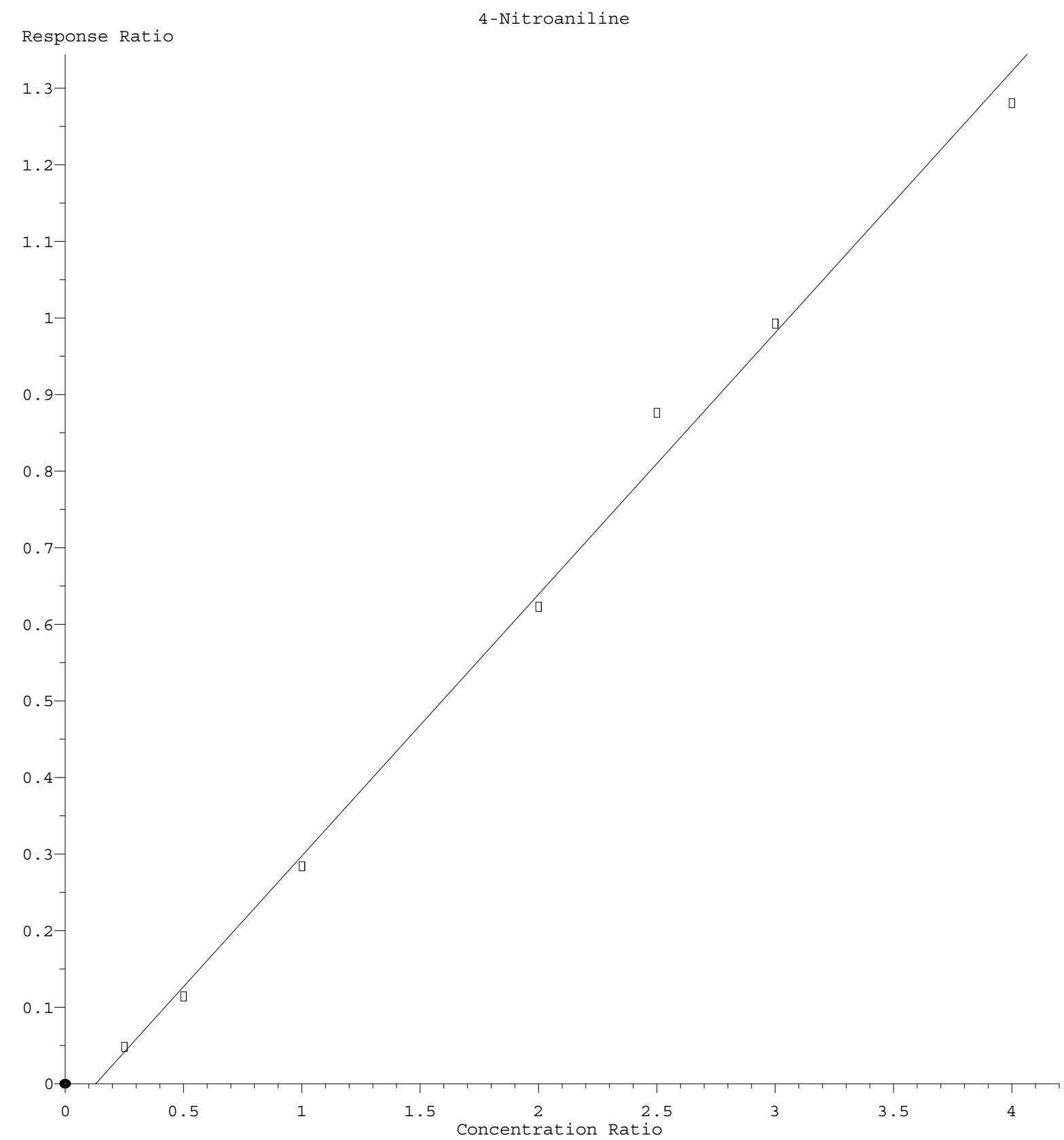
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Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



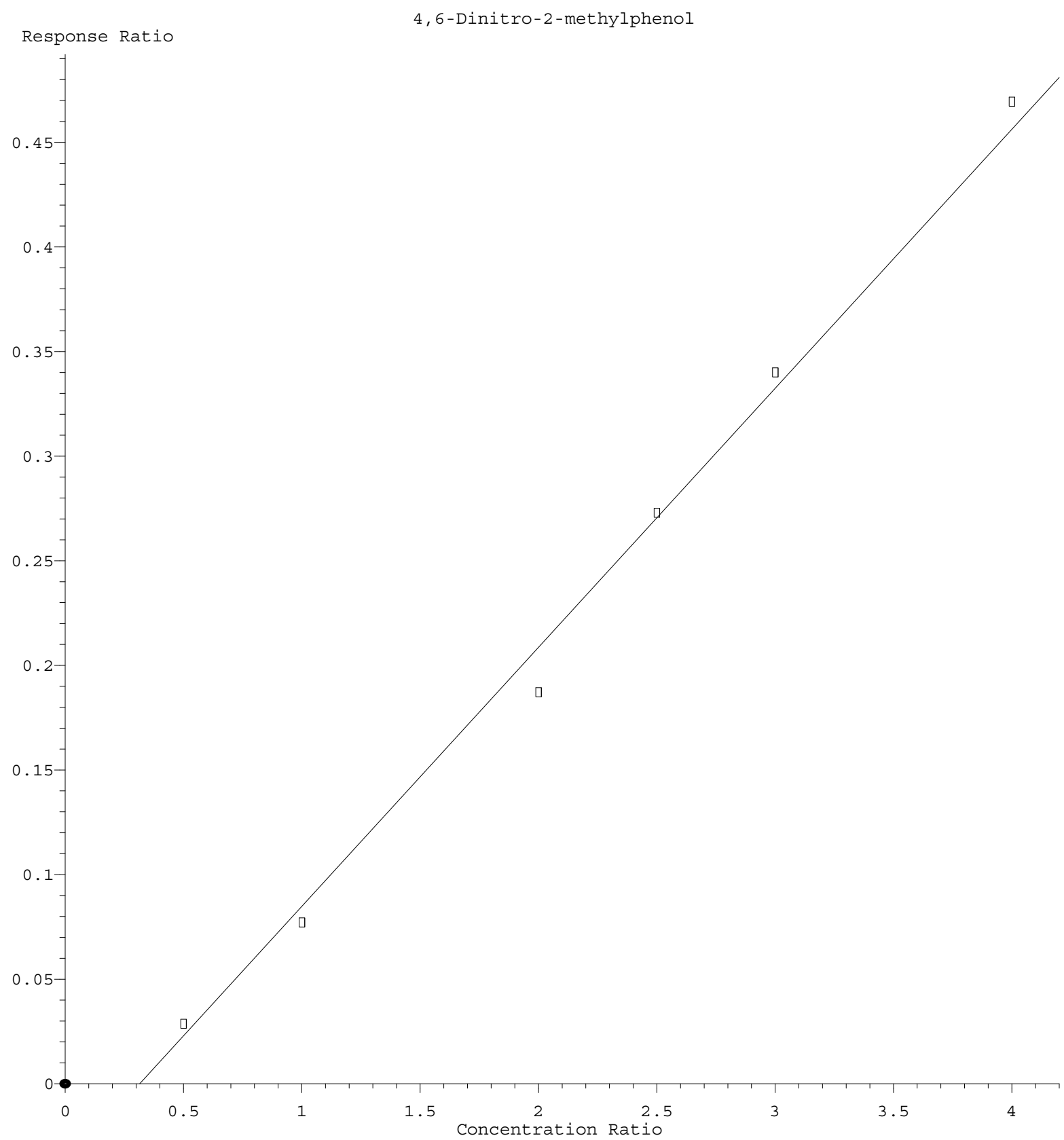
Response = 1.586e-001 * Amt - 5.080e-002
Coef of Det (r^2) = 0.992540 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM070925.M
Calibration Table Last Updated: Tue Jul 08 18:32:25 2025



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



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



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

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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

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

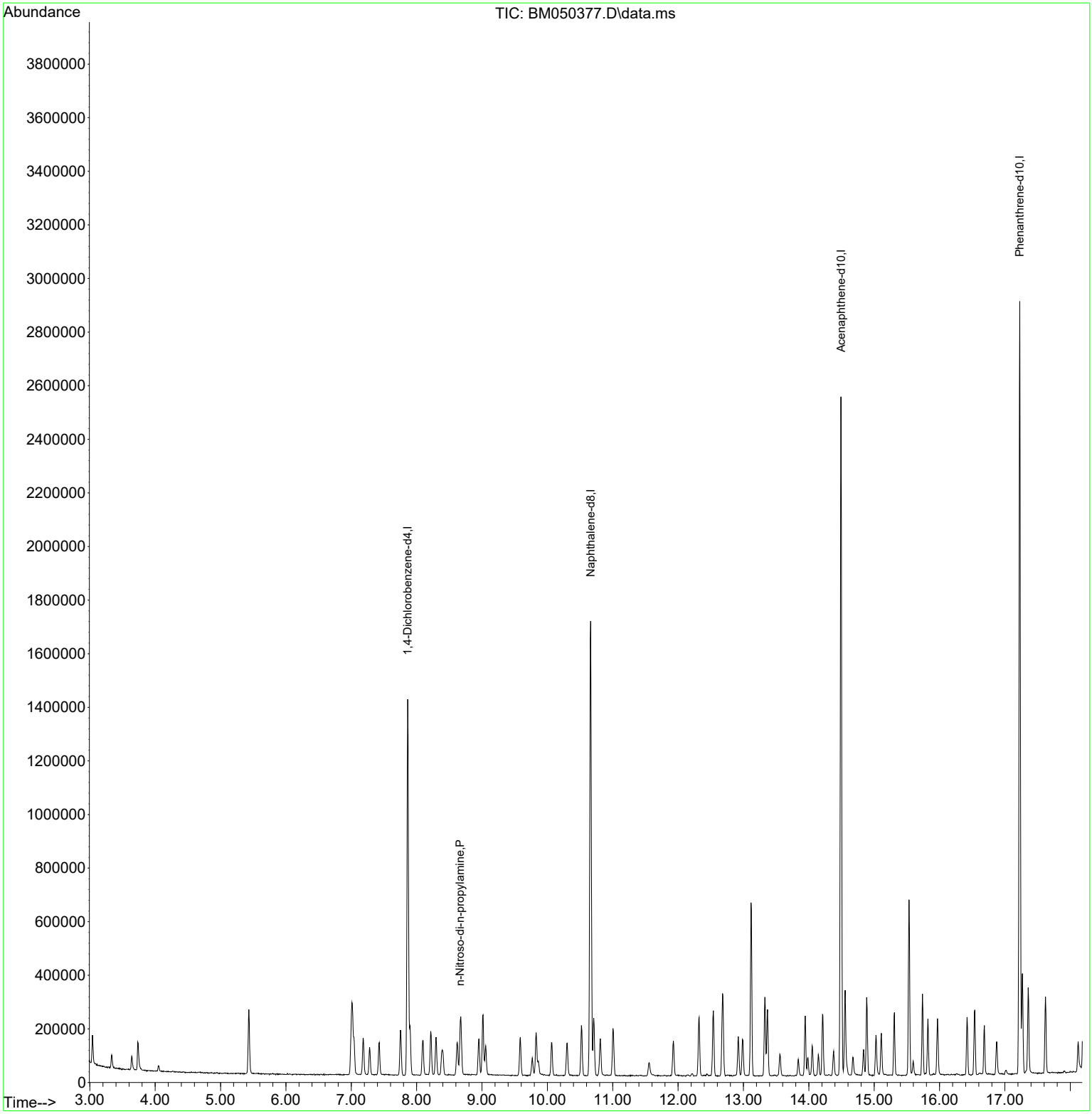
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

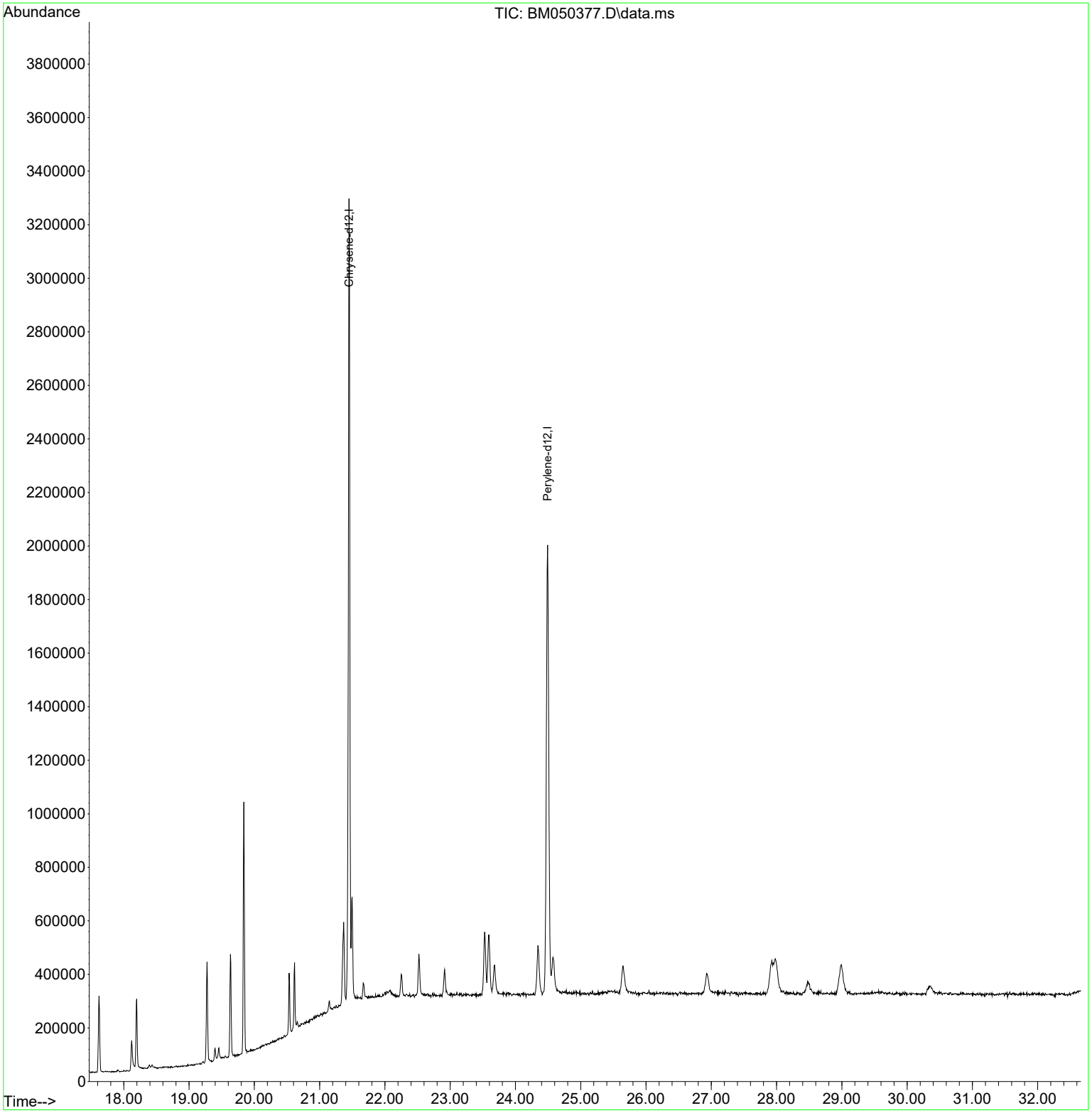
Quant Time: Jul 08 18:19:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

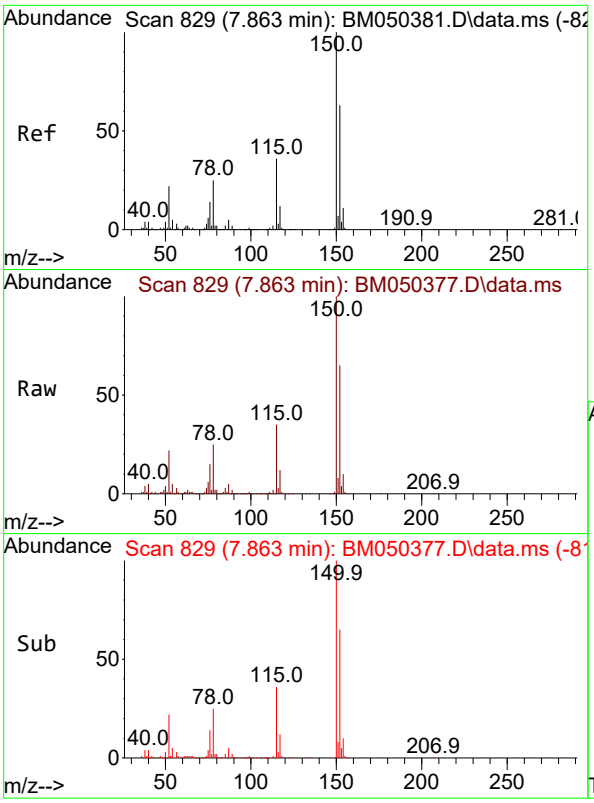


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050377.D
Acq On : 08 Jul 2025 12:39
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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



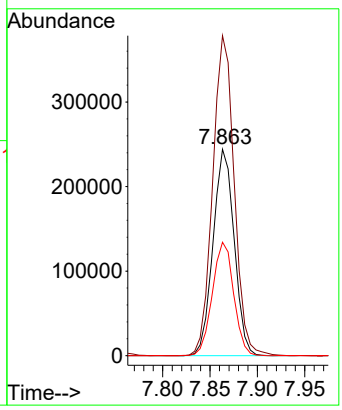


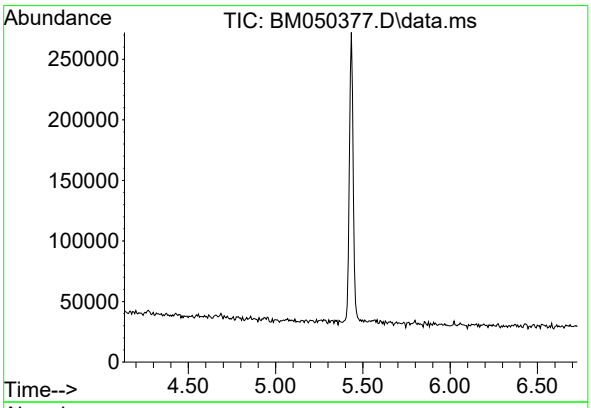
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 378493

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



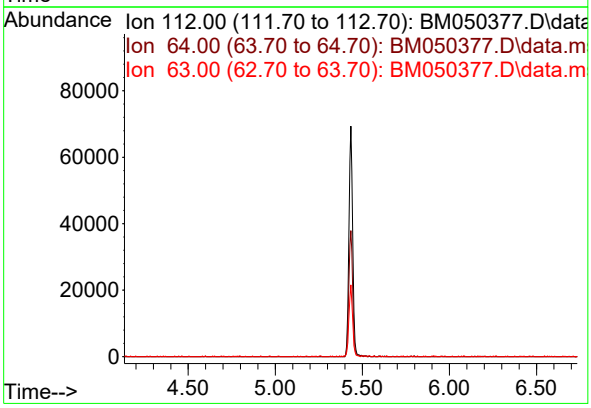


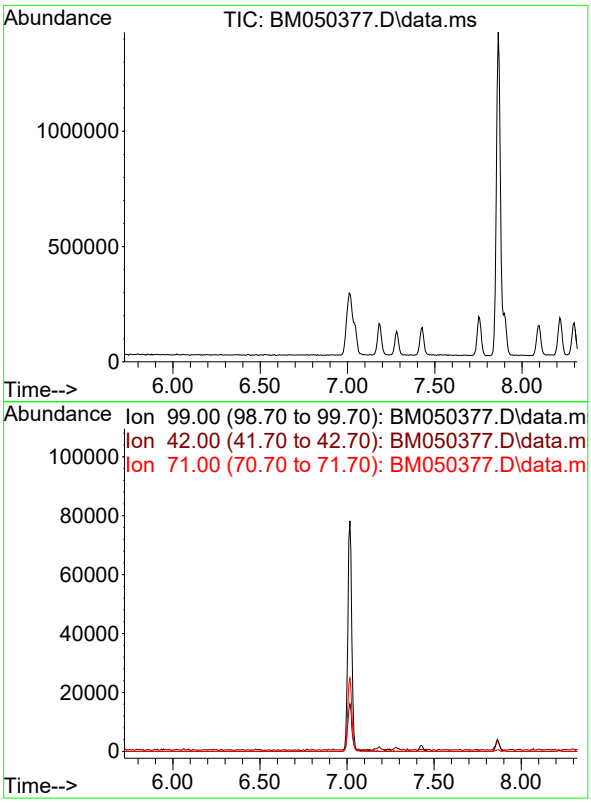
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.43 min

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

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	56.9
63	30.3





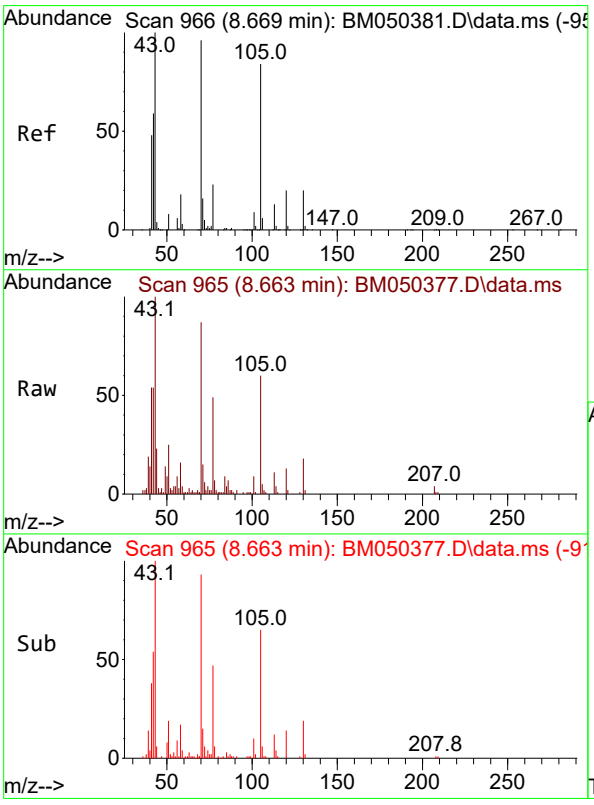
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 7.02 min

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

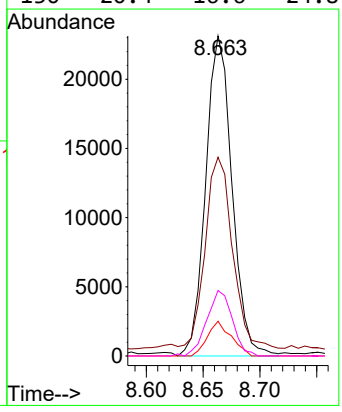
Sig	Exp Ratio
99	100
42	18.8
71	32.4

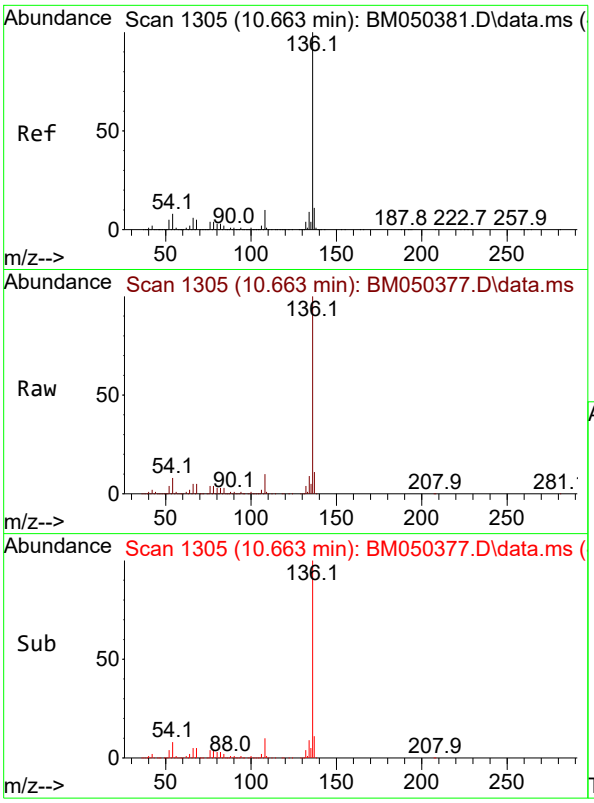


#19
n-Nitroso-di-n-propylamine
Concen: 2.226 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion: 70 Resp: 37375

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



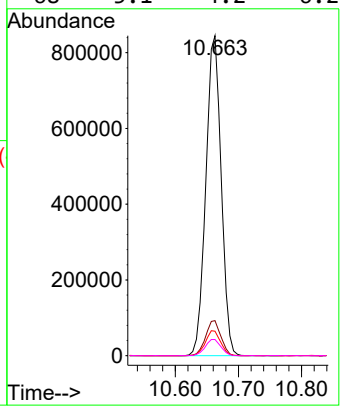


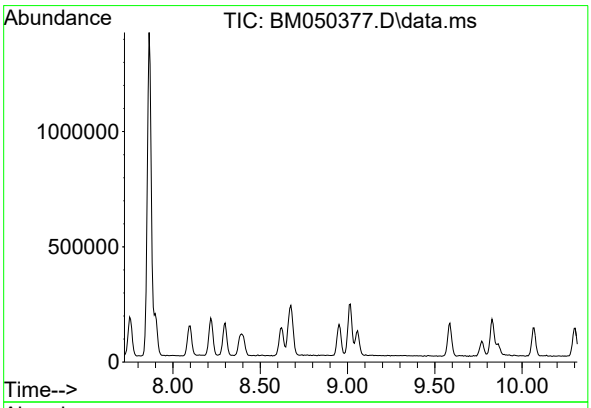
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1426576

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



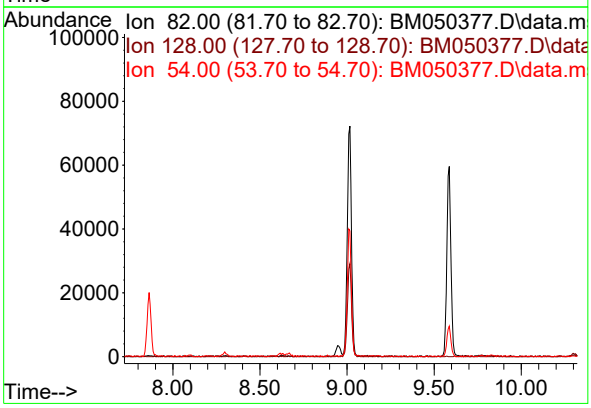


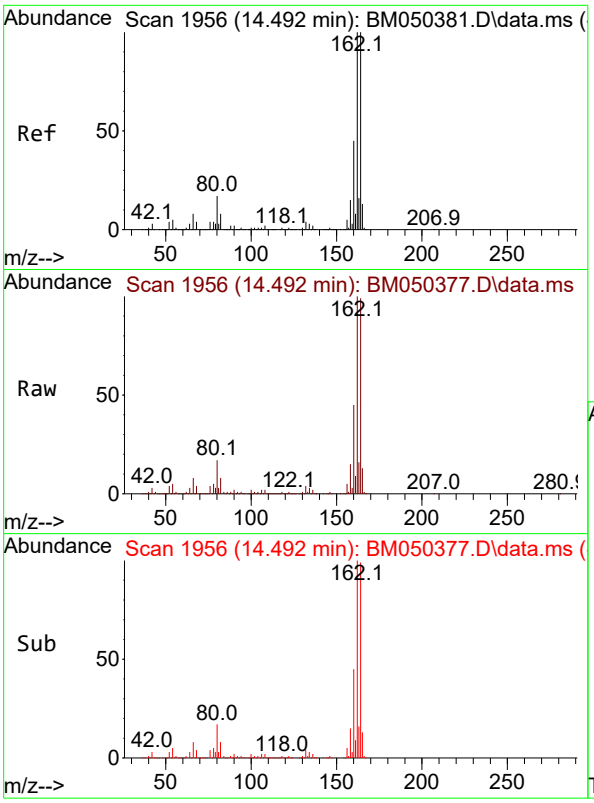
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.0
54	51.9



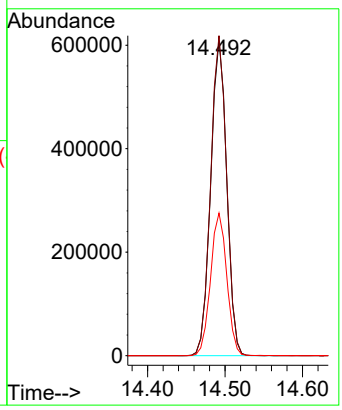


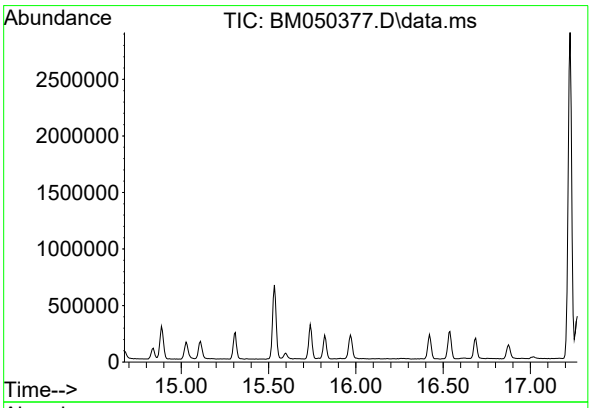
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 874661

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



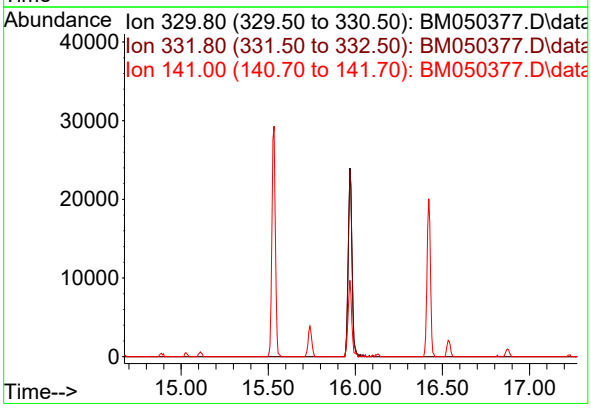


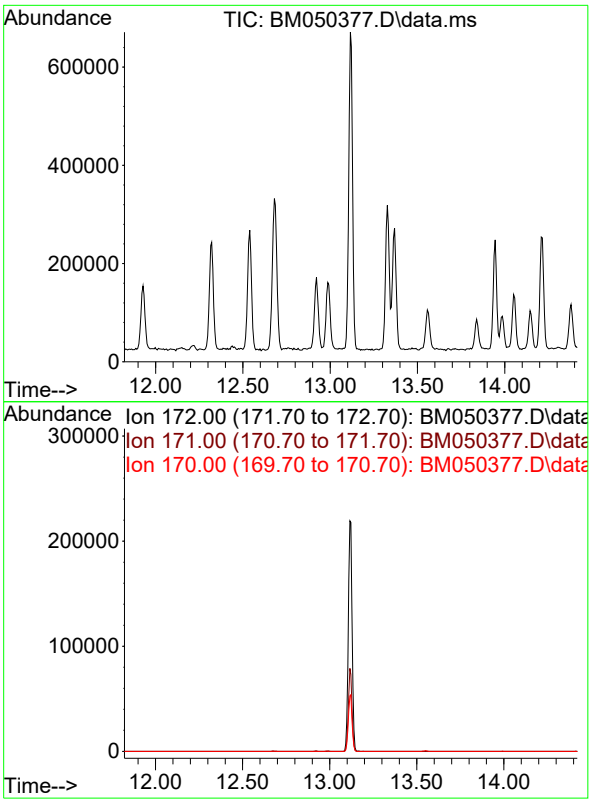
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.97 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.1
141	34.2





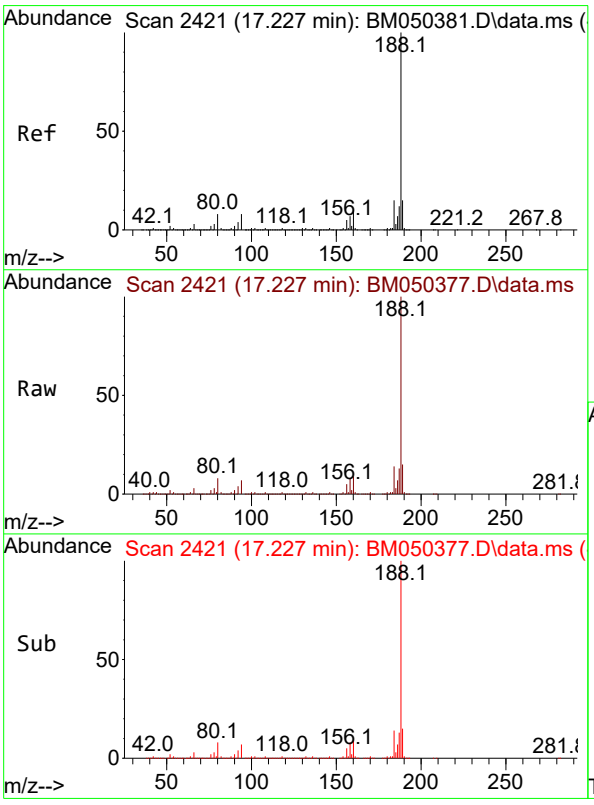
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.12 min

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

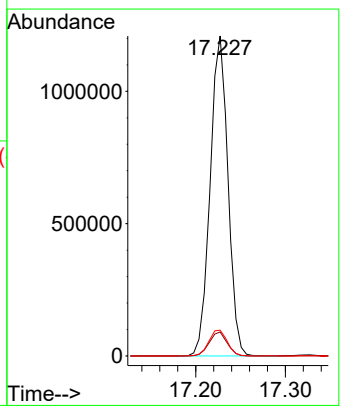
Sig	Exp Ratio
172	100
171	34.6
170	23.5

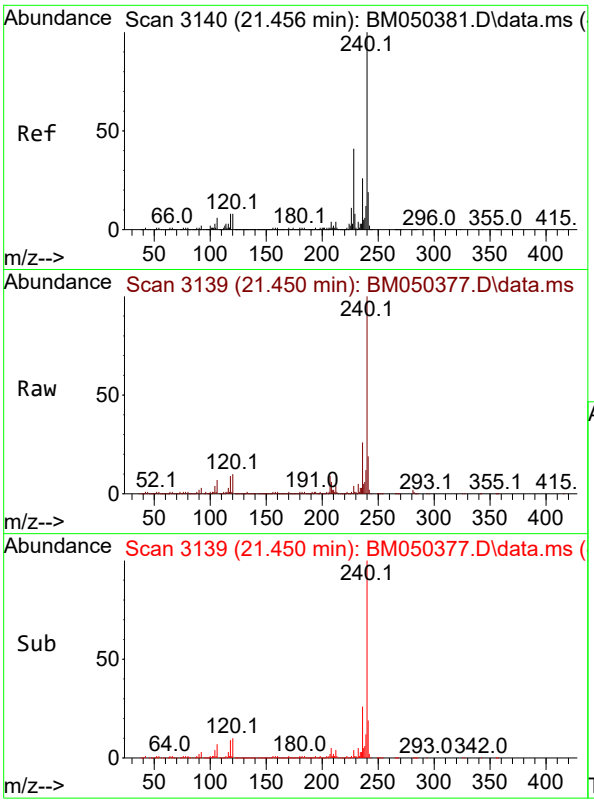


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Tgt Ion:188 Resp: 1666049

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



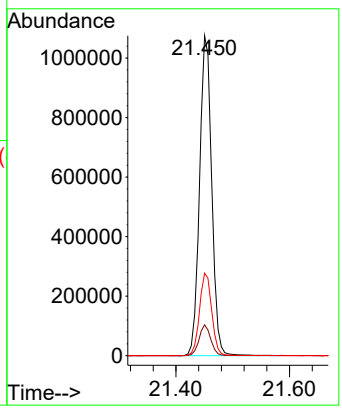


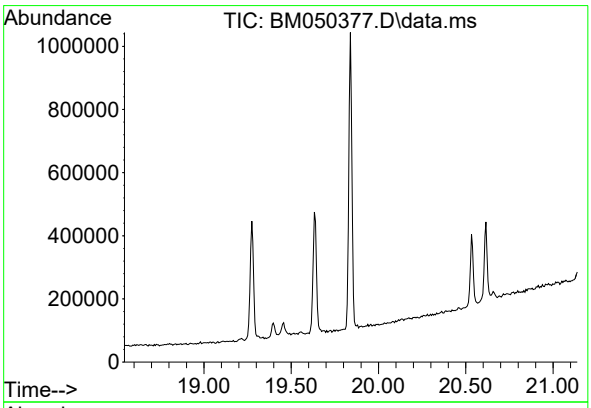
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1594000

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



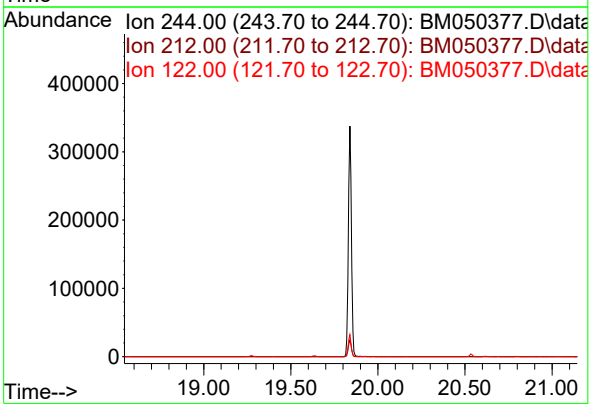


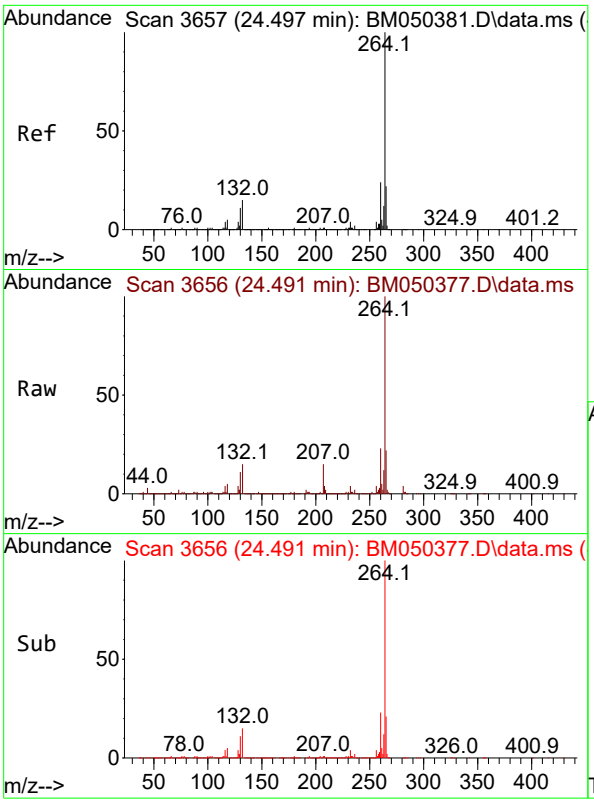
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.84 min

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

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.1
122	7.7



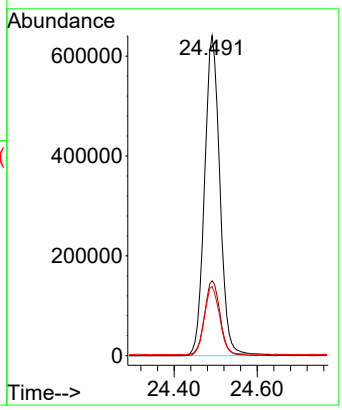


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050377.D
Acq: 08 Jul 2025 12:39

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1645810

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

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

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

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

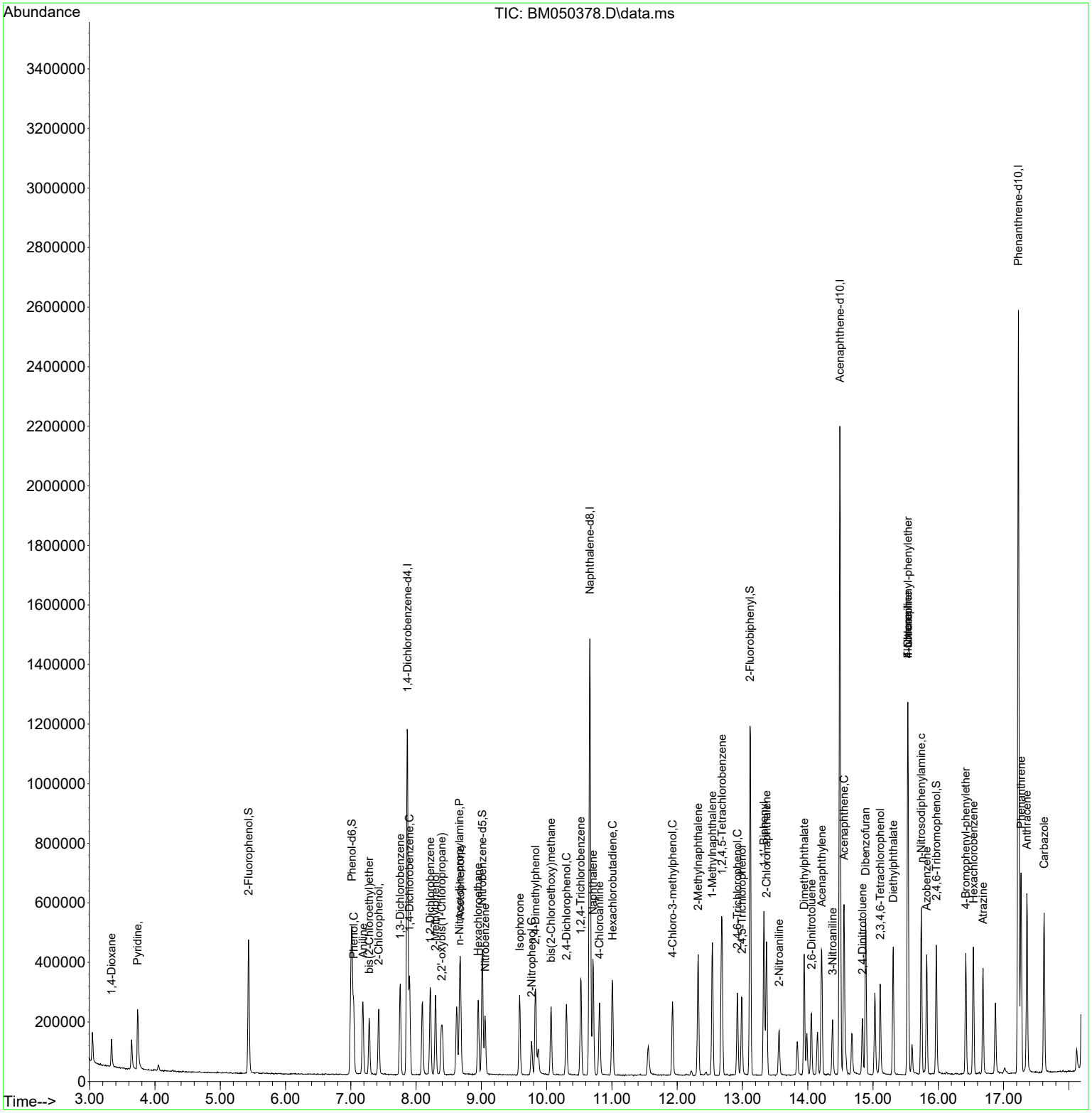
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

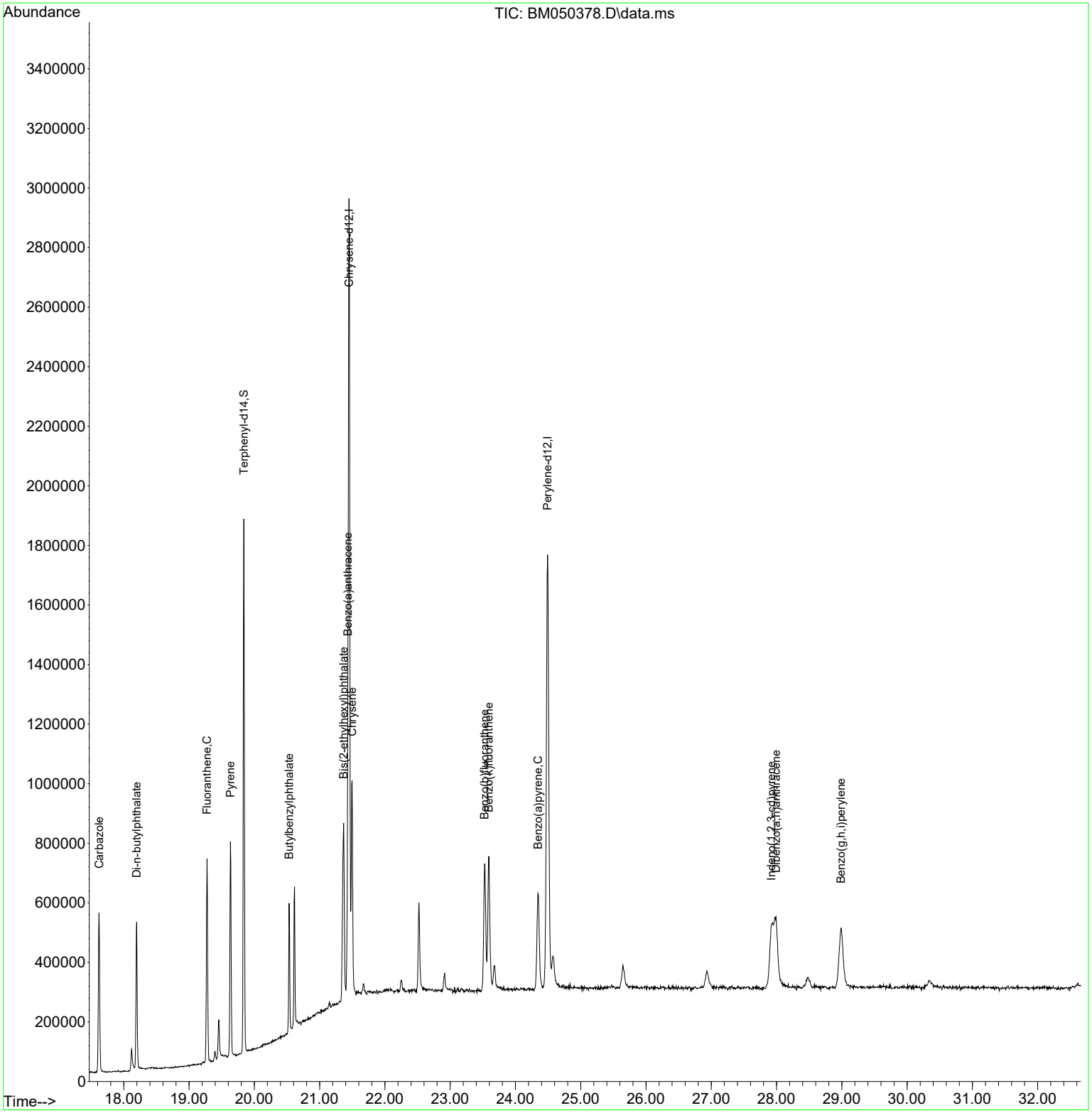


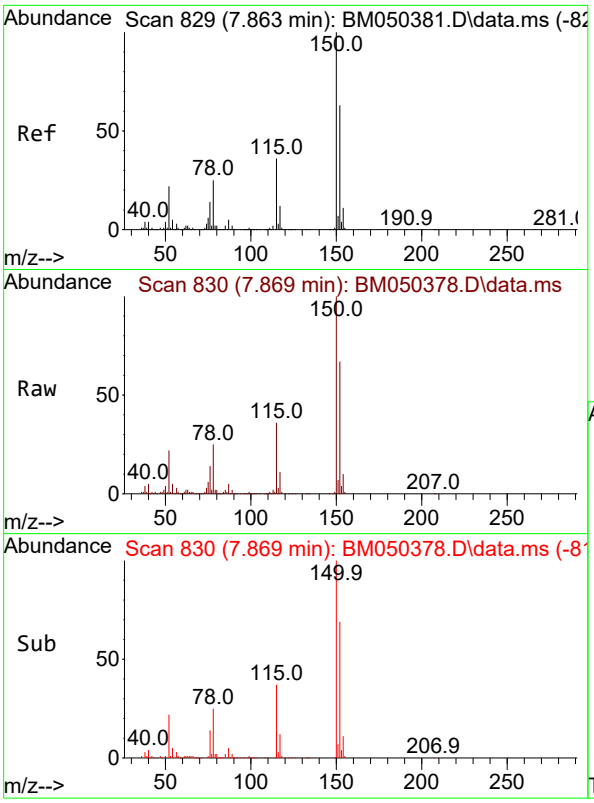
ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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



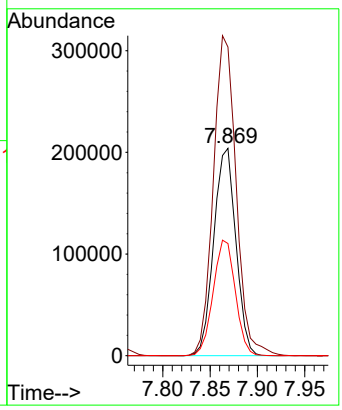


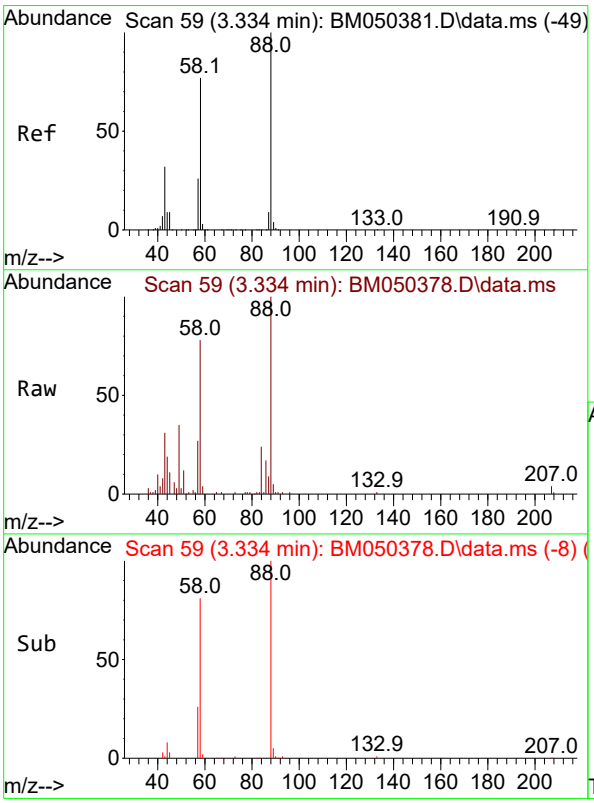
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 332042

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

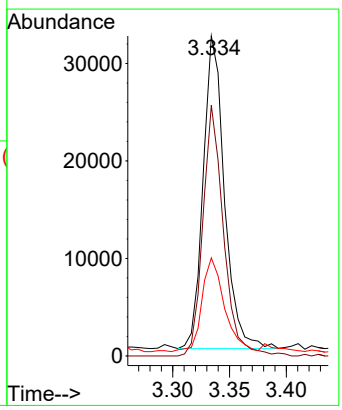


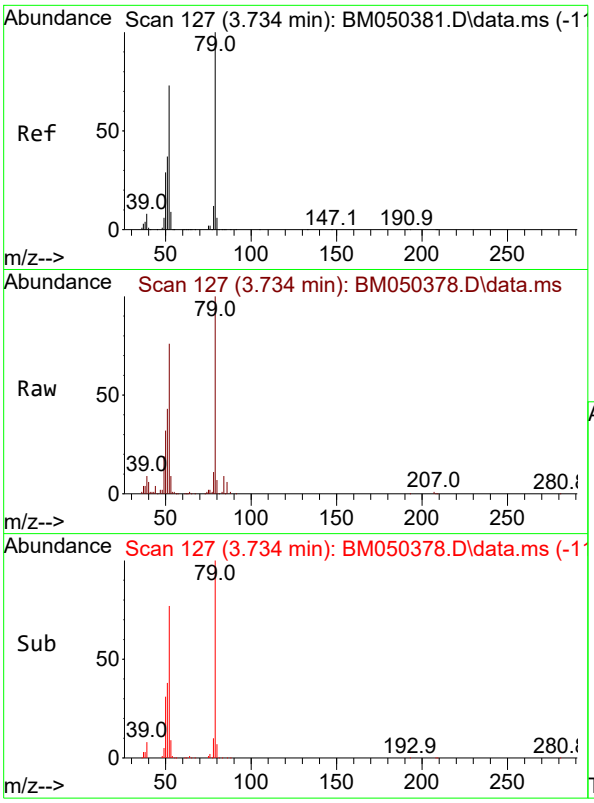


#2
1,4-Dioxane
Concen: 5.278 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 88 Resp: 41862

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



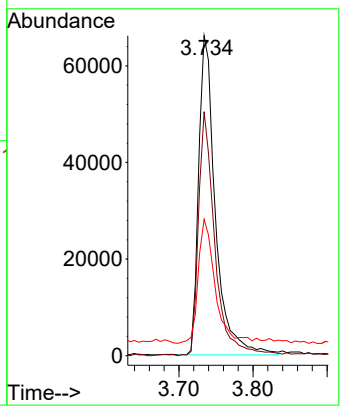


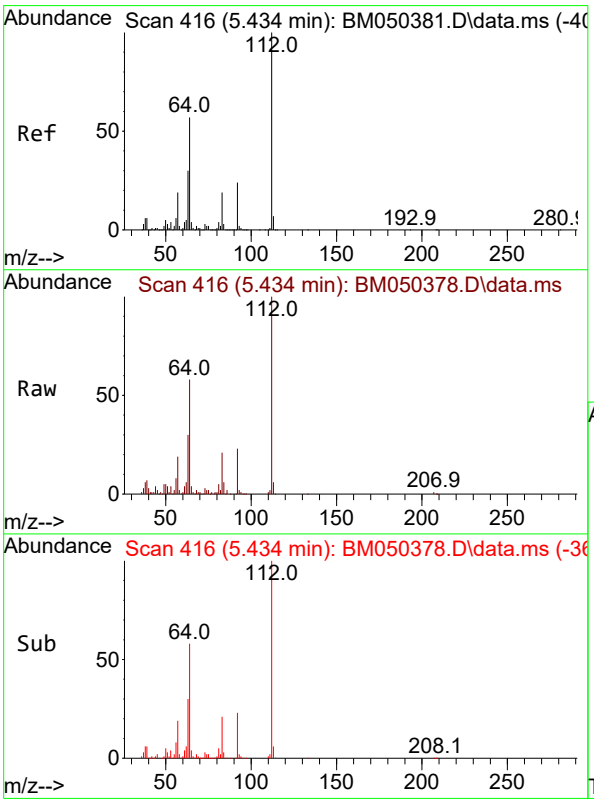
#3
Pyridine
Concen: 4.981 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 103718

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

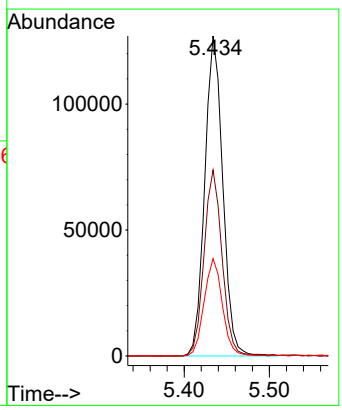


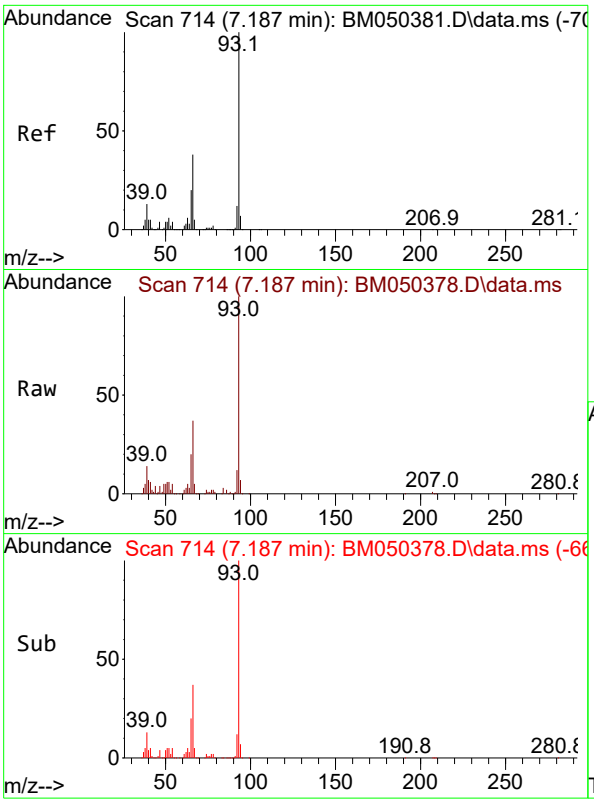


#5
2-Fluorophenol
Concen: 9.688 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:112 Resp: 186878

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



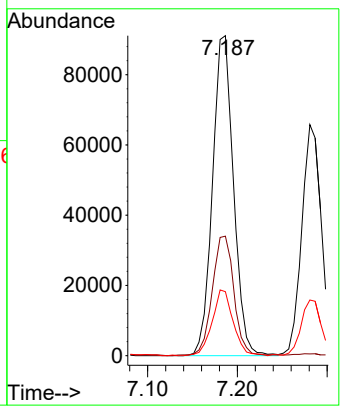


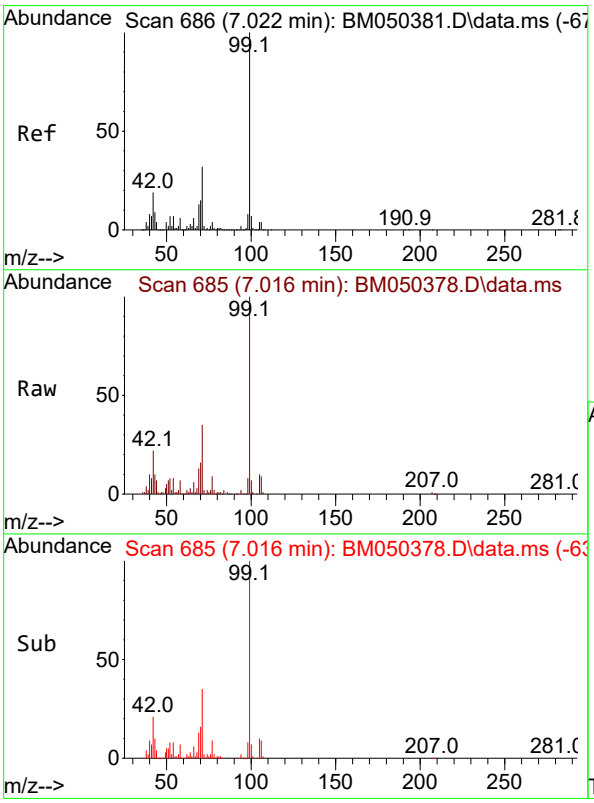
#6
Aniline
Concen: 4.745 ng
RT: 7.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 148080

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

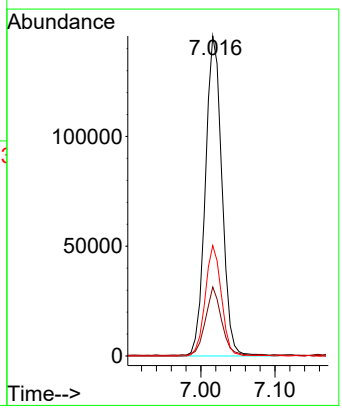


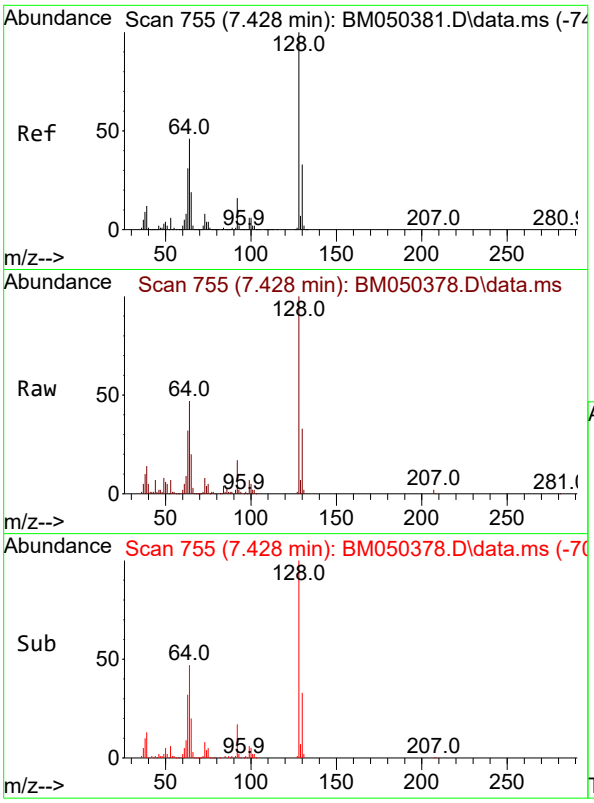


#7
Phenol-d6
Concen: 9.333 ng
RT: 7.016 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 99 Resp: 226950

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



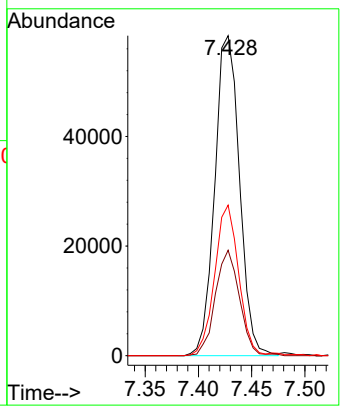


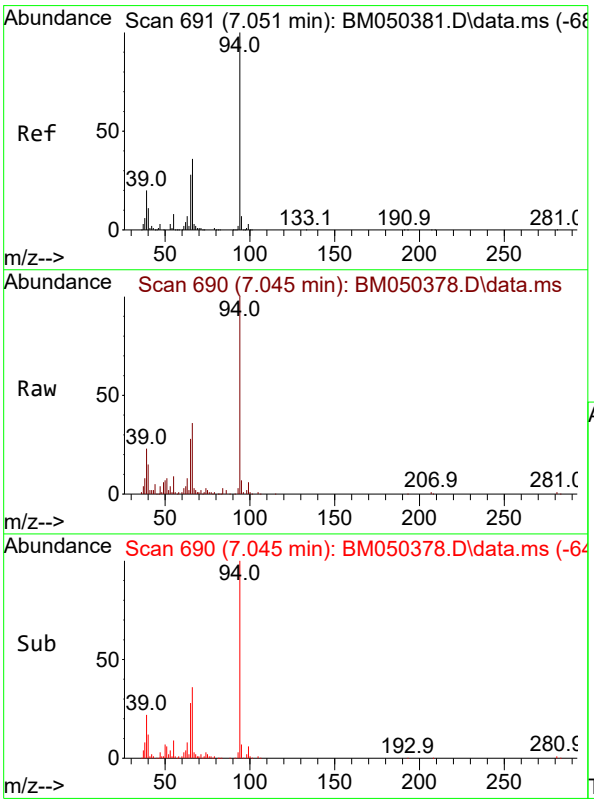
#8
2-Chlorophenol
Concen: 4.632 ng
RT: 7.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 94226

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

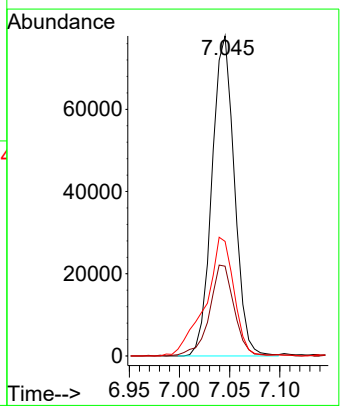


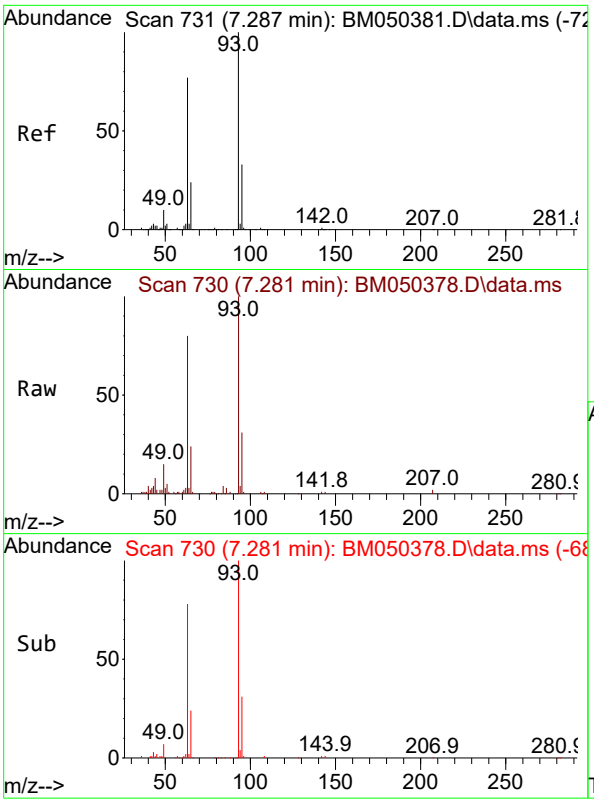


#10
Phenol
Concen: 4.778 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 94 Resp: 121196

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



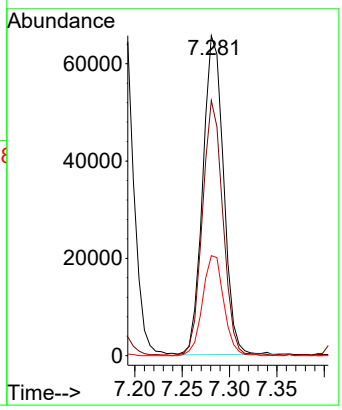


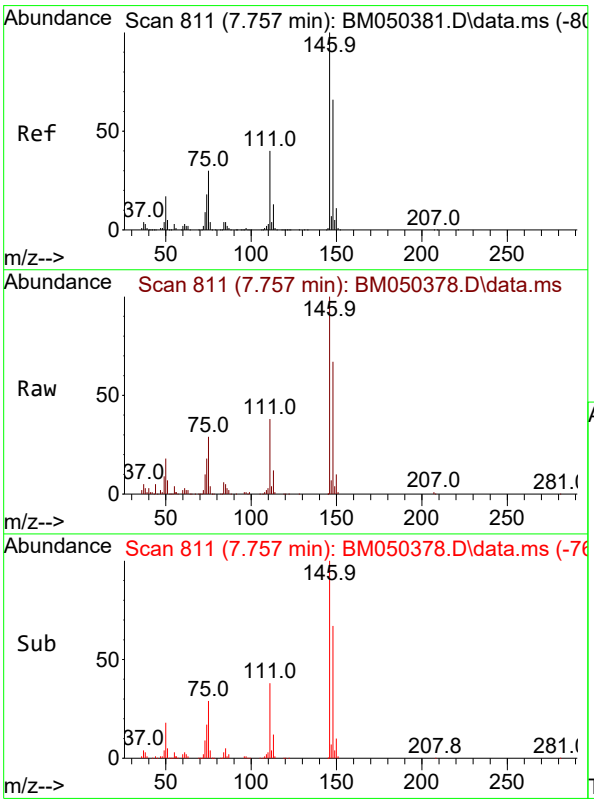
#11
bis(2-Chloroethyl)ether
Concen: 4.912 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 99772

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

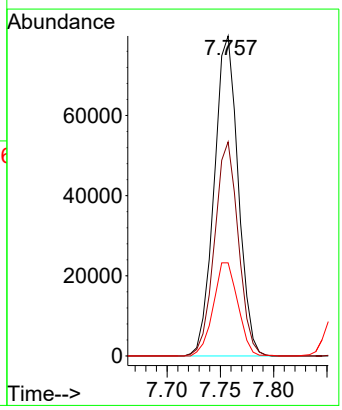


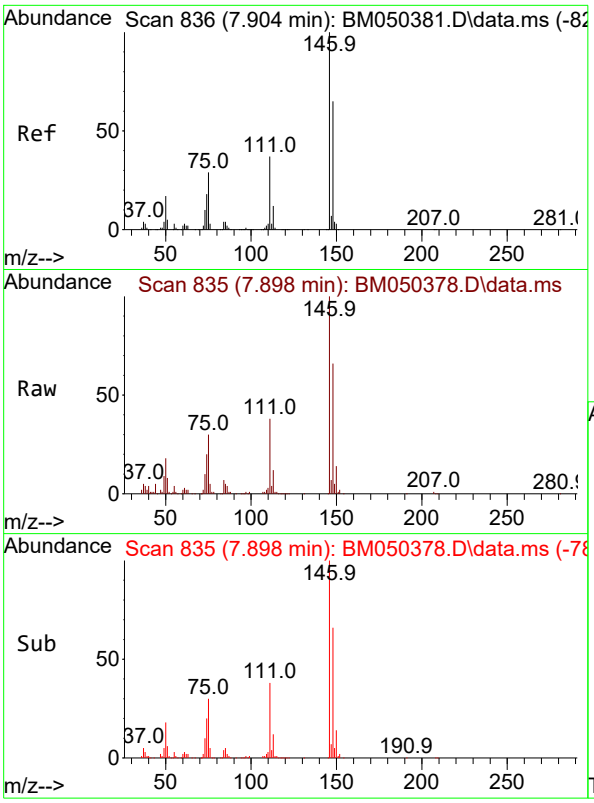


#12
1,3-Dichlorobenzene
Concen: 5.049 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 124875

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



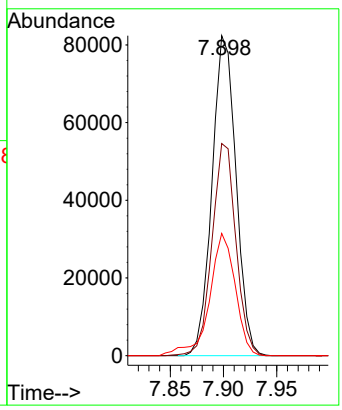


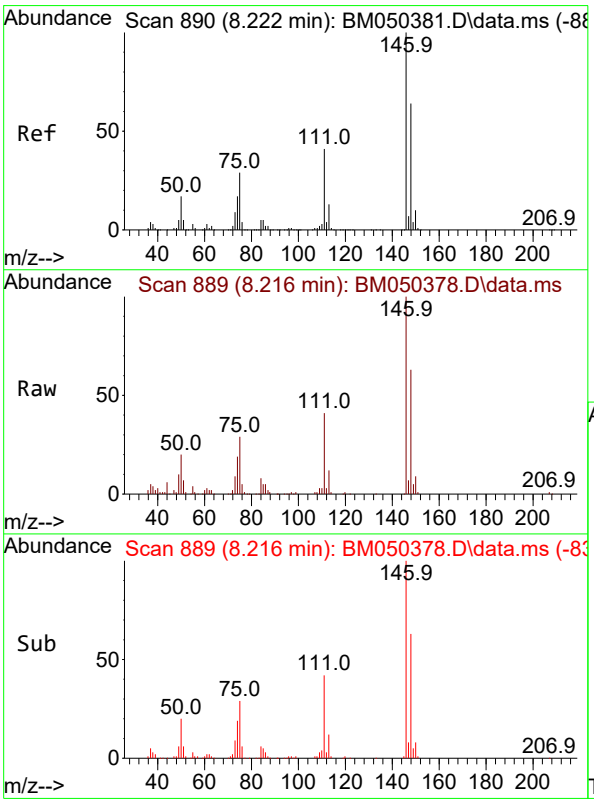
#13
1,4-Dichlorobenzene
Concen: 5.103 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 128887

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

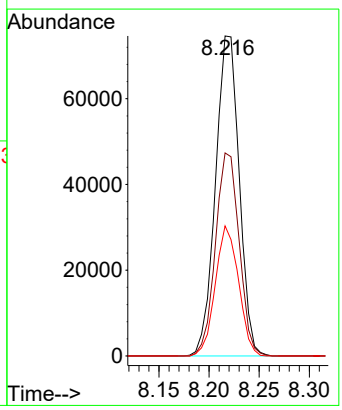


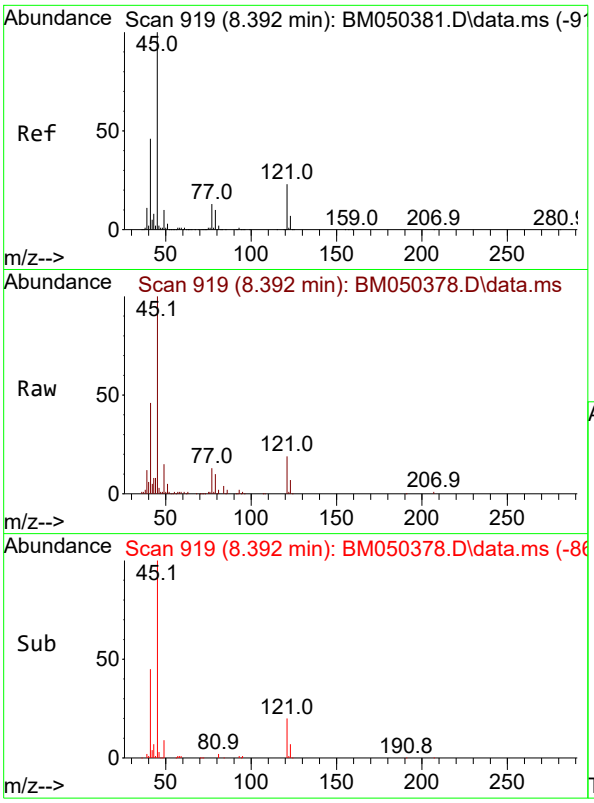


#14
1,2-Dichlorobenzene
Concen: 5.086 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:146 Resp: 122972

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



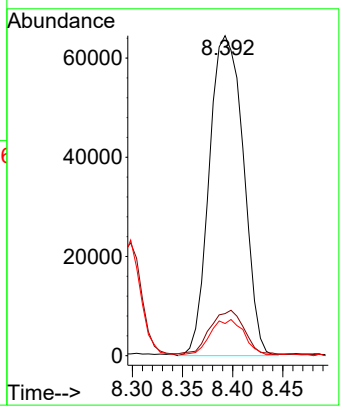


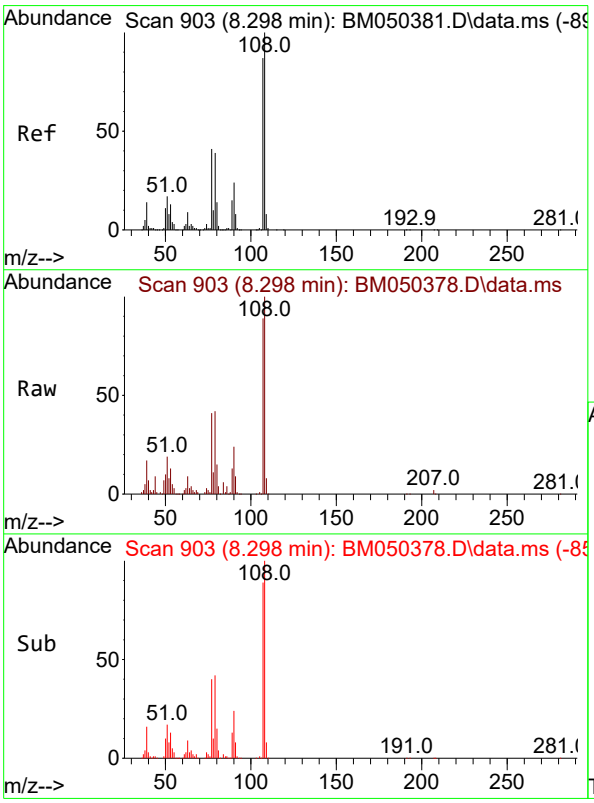
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.092 ng
RT: 8.392 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 152357

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

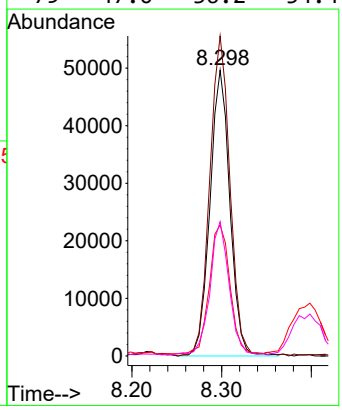


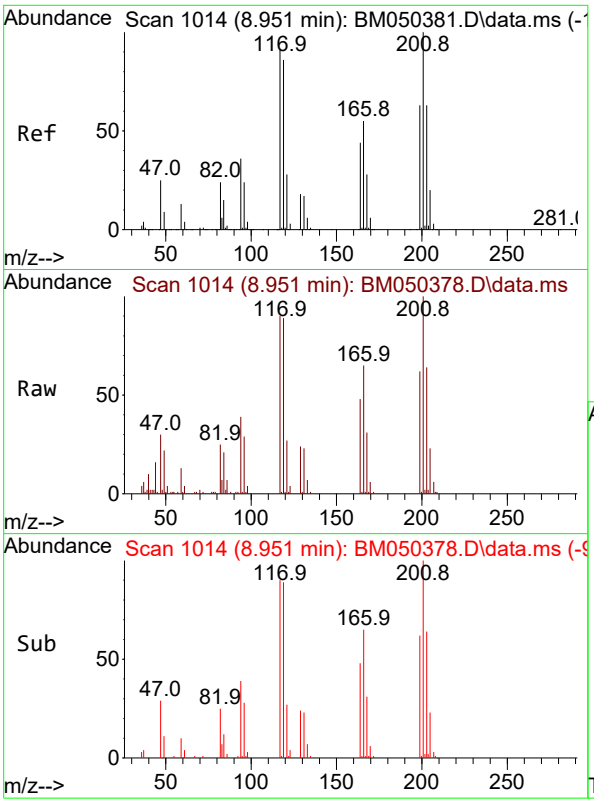


#17
2-Methylphenol
Concen: 4.655 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 76571

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



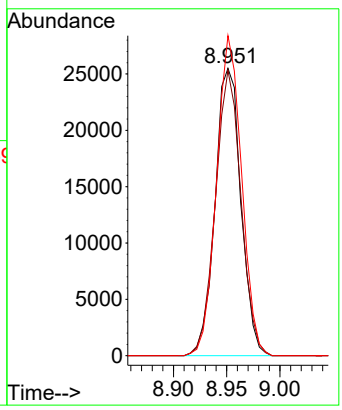


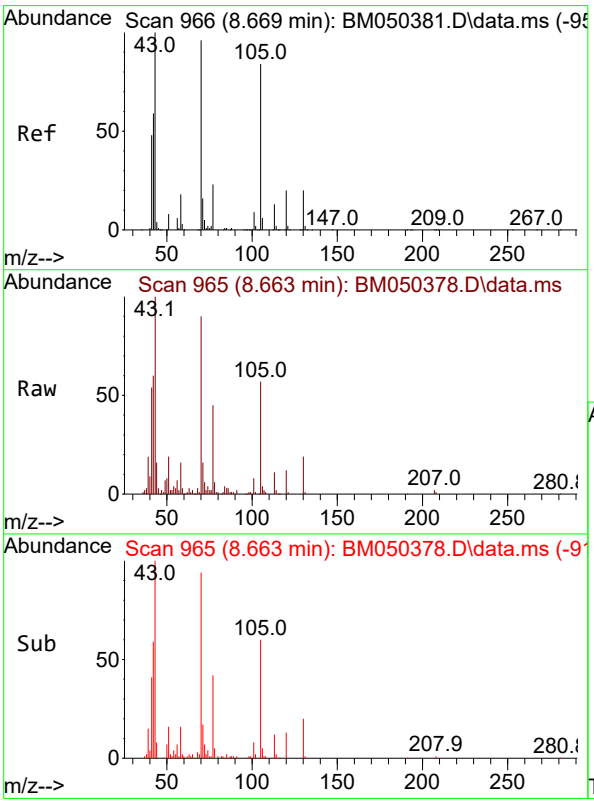
#18
Hexachloroethane
Concen: 4.840 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42990

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

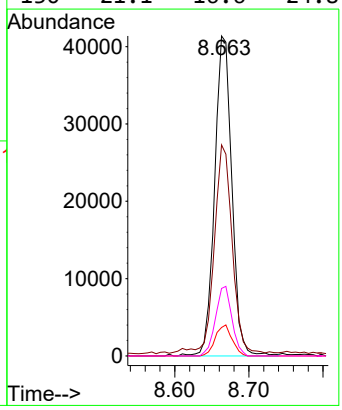


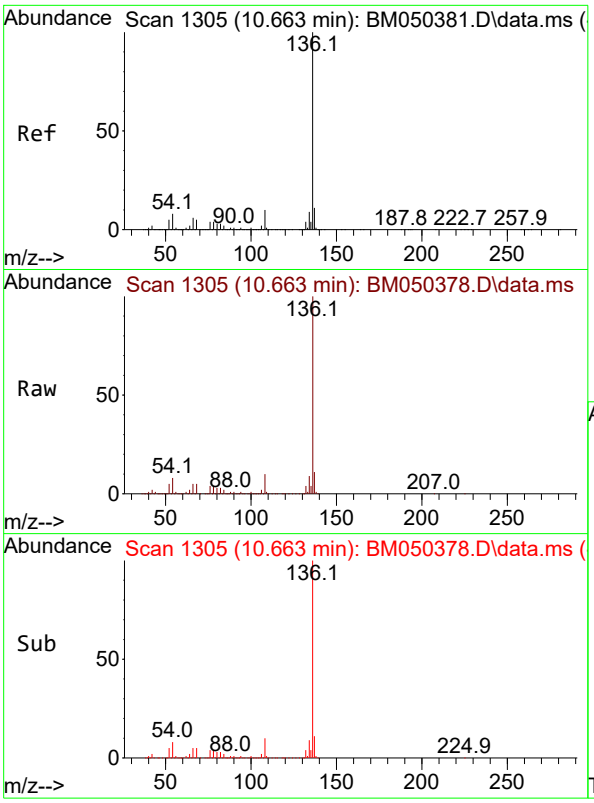


#19
n-Nitroso-di-n-propylamine
Concen: 4.537 ng
RT: 8.663 min Scan# 965
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 70 Resp: 66842

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



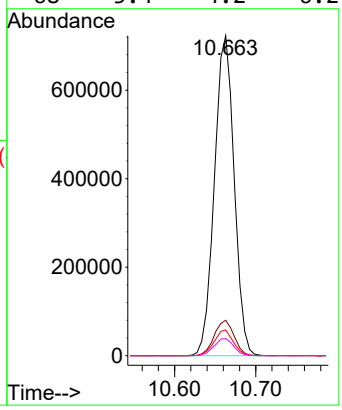


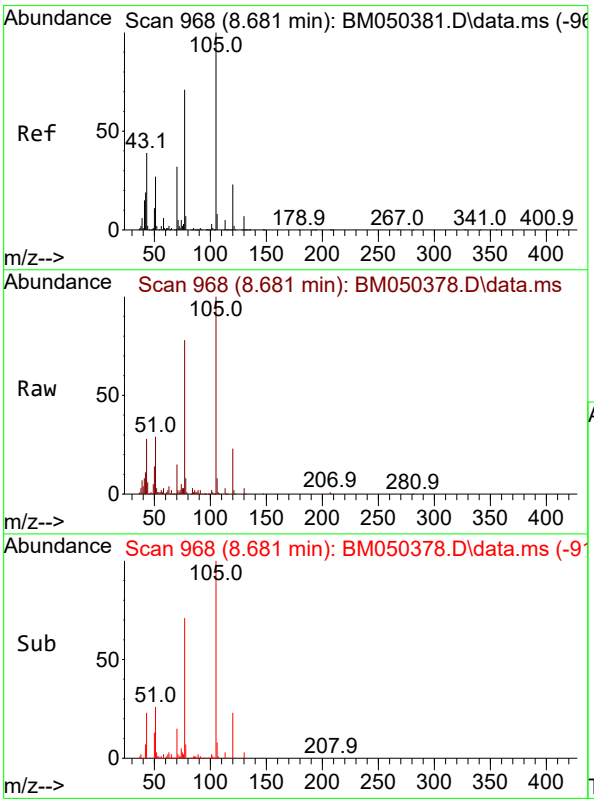
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1221582

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

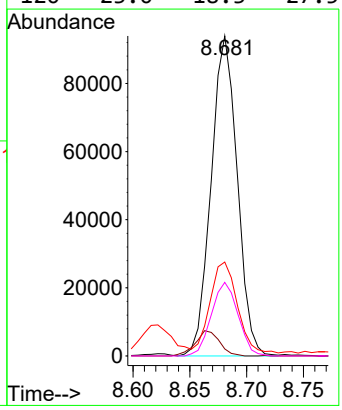


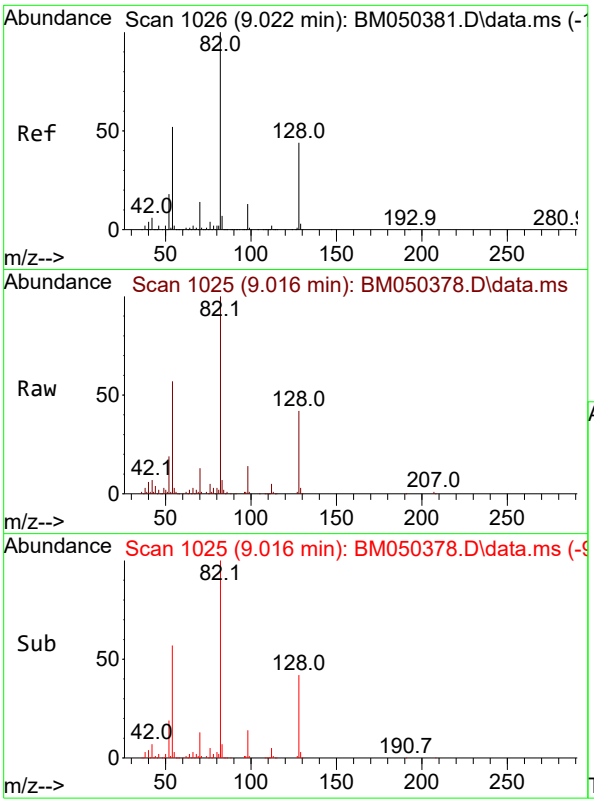


#22
Acetophenone
Concen: 4.927 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:105 Resp: 150473

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



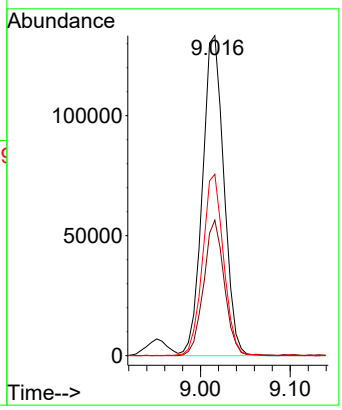


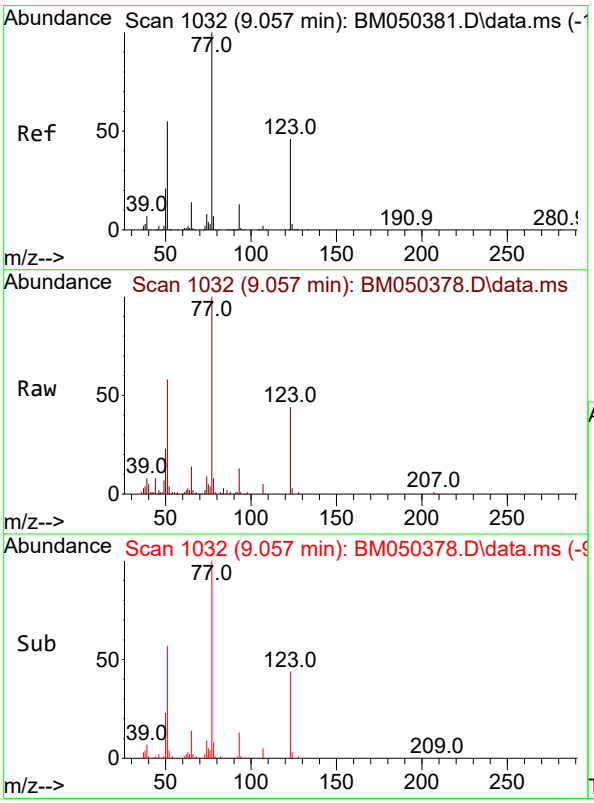
#23
Nitrobenzene-d5
Concen: 9.234 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 221107

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

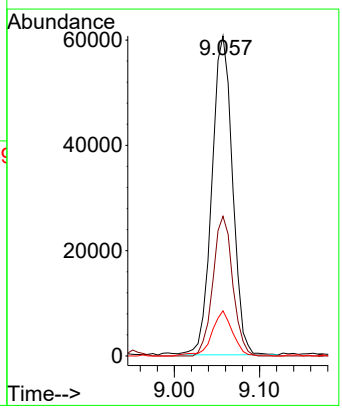


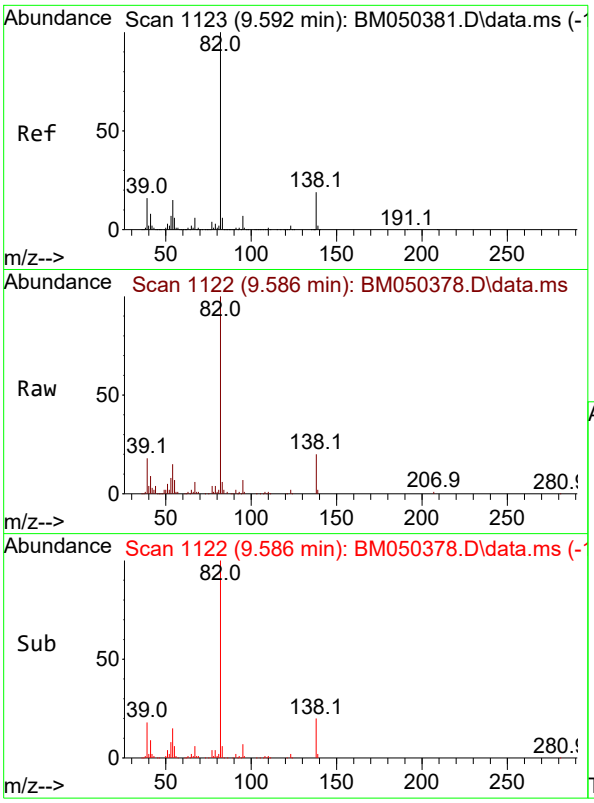


#24
Nitrobenzene
Concen: 4.758 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 101661

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



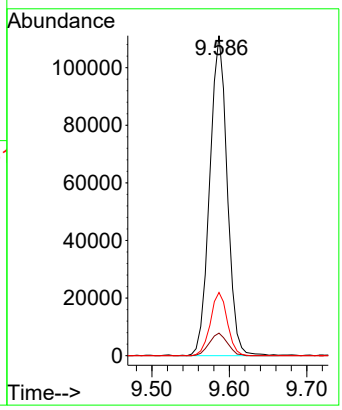


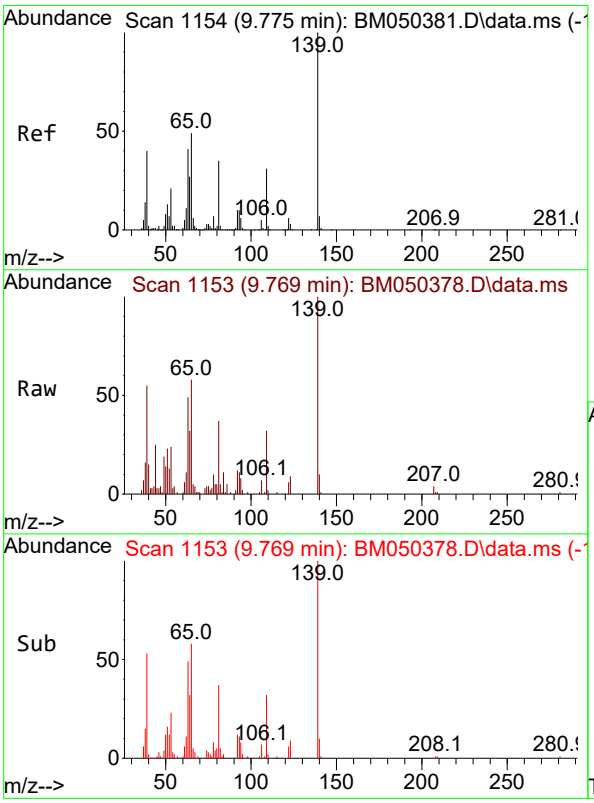
#25
Isophorone
Concen: 4.488 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 174388

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

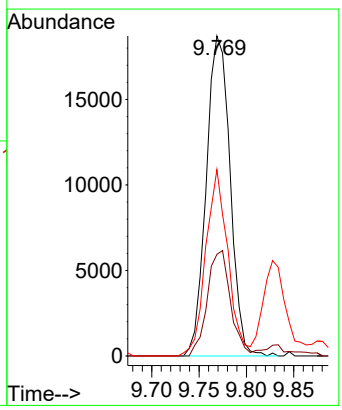


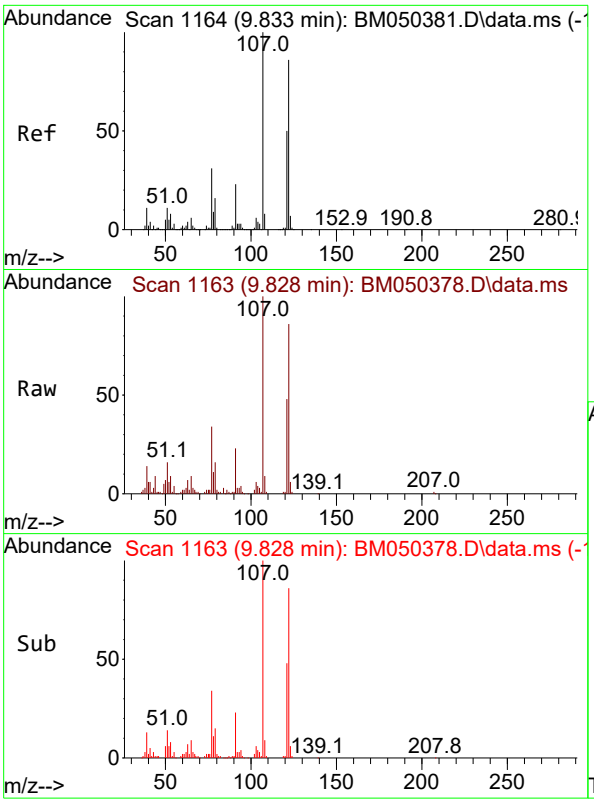


#26
2-Nitrophenol
Concen: 3.767 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:139 Resp: 32805

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



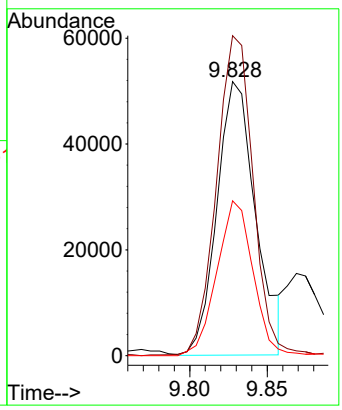


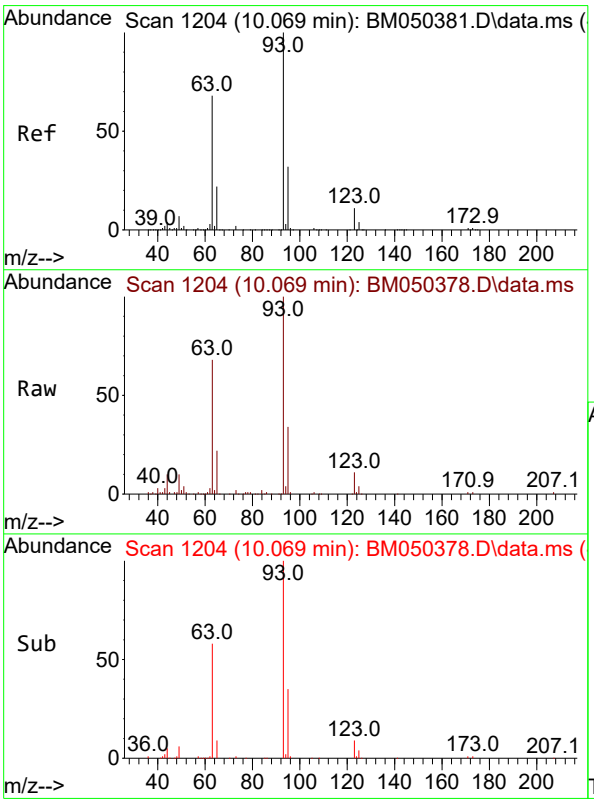
#27
2,4-Dimethylphenol
Concen: 4.858 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 90013

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

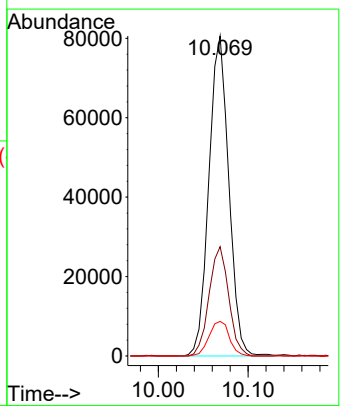


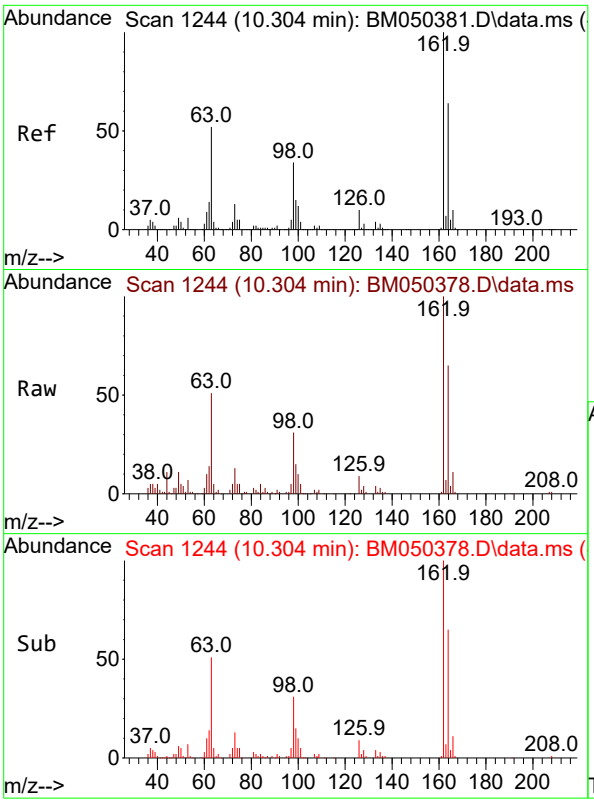


#28
bis(2-Chloroethoxy)methane
Concen: 4.822 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 93 Resp: 124150

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



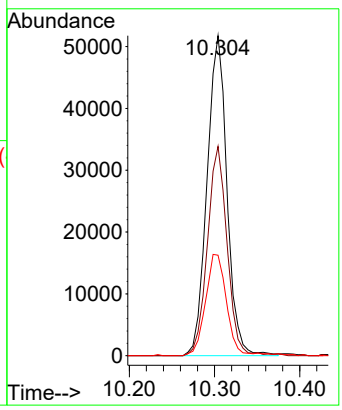


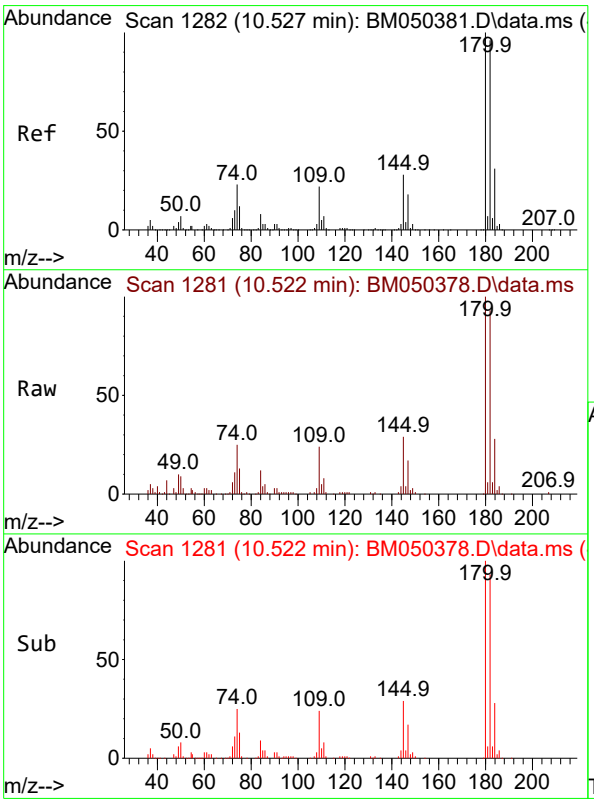
#29
2,4-Dichlorophenol
Concen: 4.438 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 84485

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

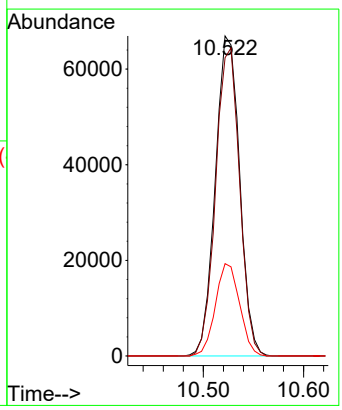


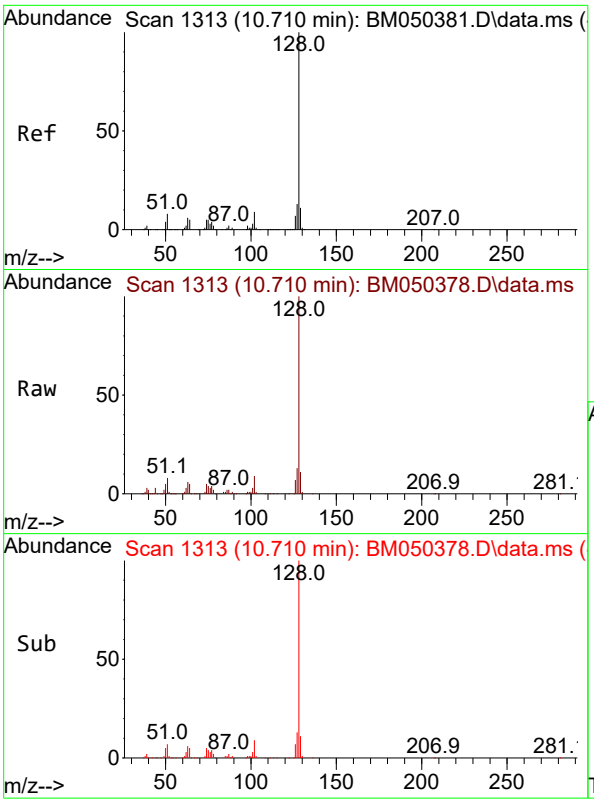


#30
1,2,4-Trichlorobenzene
Concen: 4.958 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:180 Resp: 112916

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



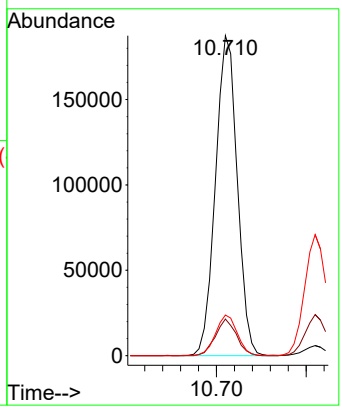


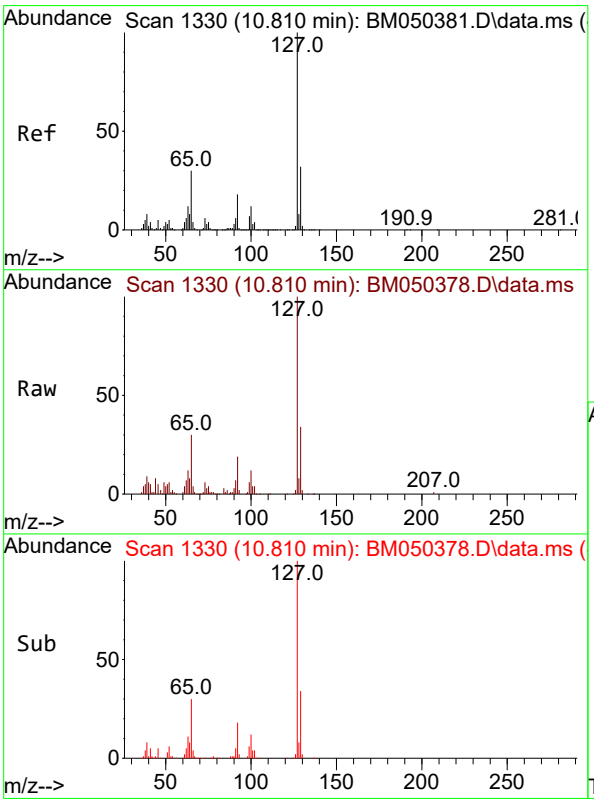
#31
Naphthalene
Concen: 5.086 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 315550

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

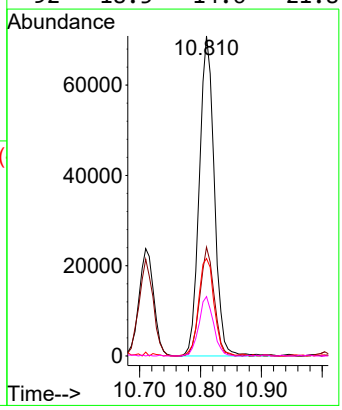


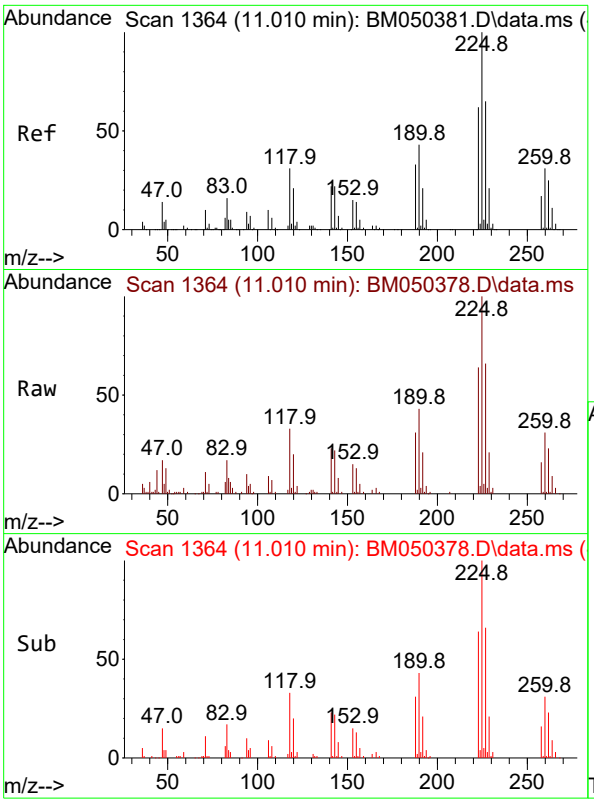


#33
4-Chloroaniline
Concen: 4.635 ng
RT: 10.810 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:127 Resp: 121575

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



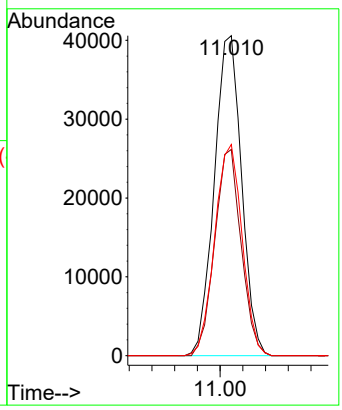


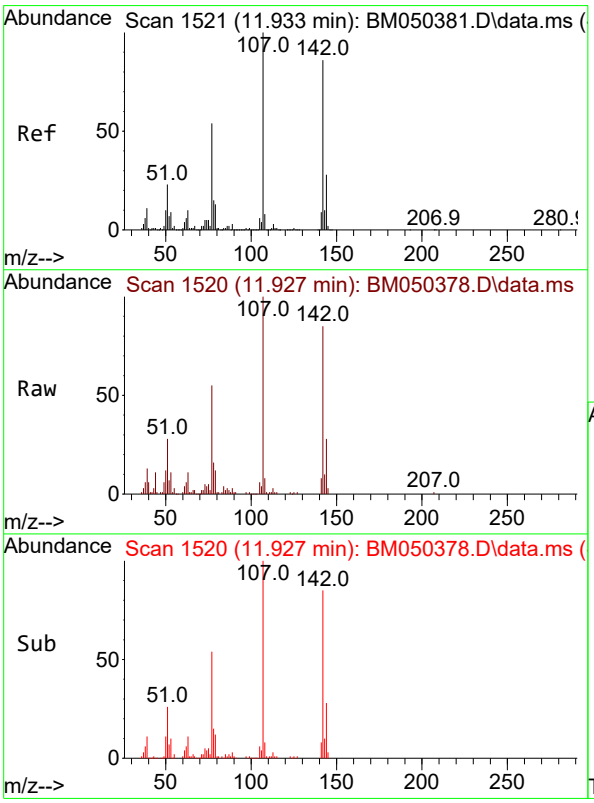
#34
Hexachlorobutadiene
Concen: 4.870 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67689

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

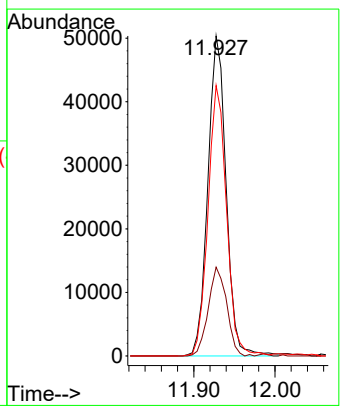


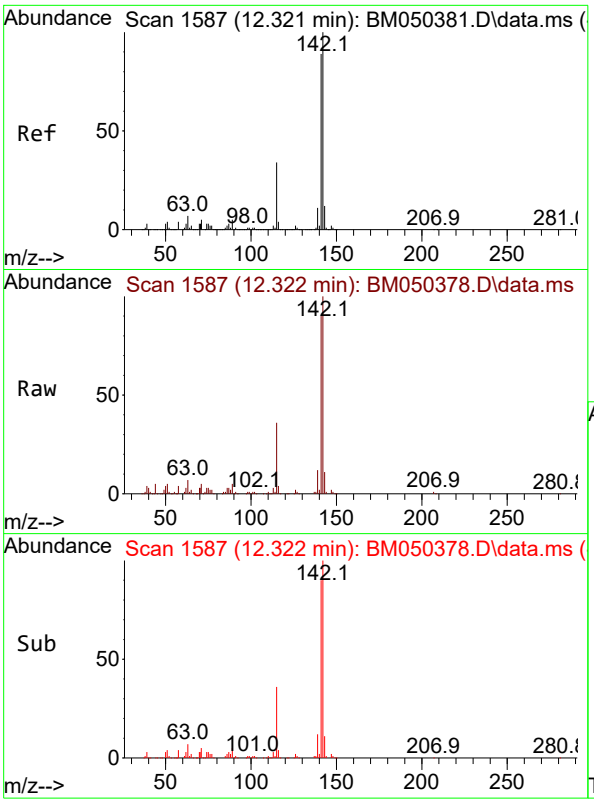


#36
4-Chloro-3-methylphenol
Concen: 4.428 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:107 Resp: 78716

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



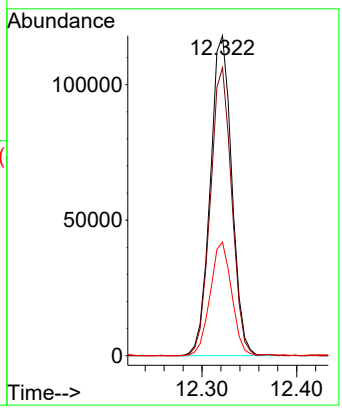


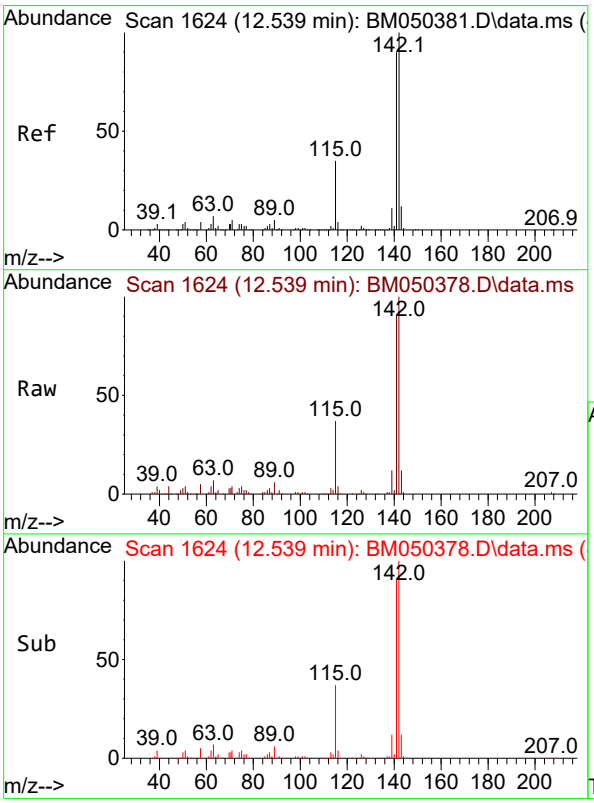
#37
2-Methylnaphthalene
Concen: 4.760 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 186482

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

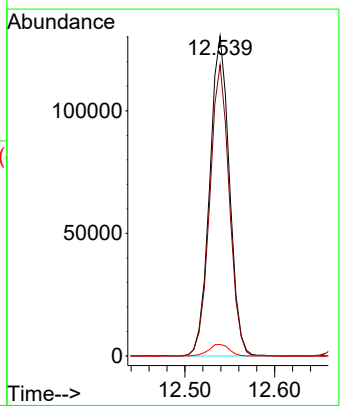


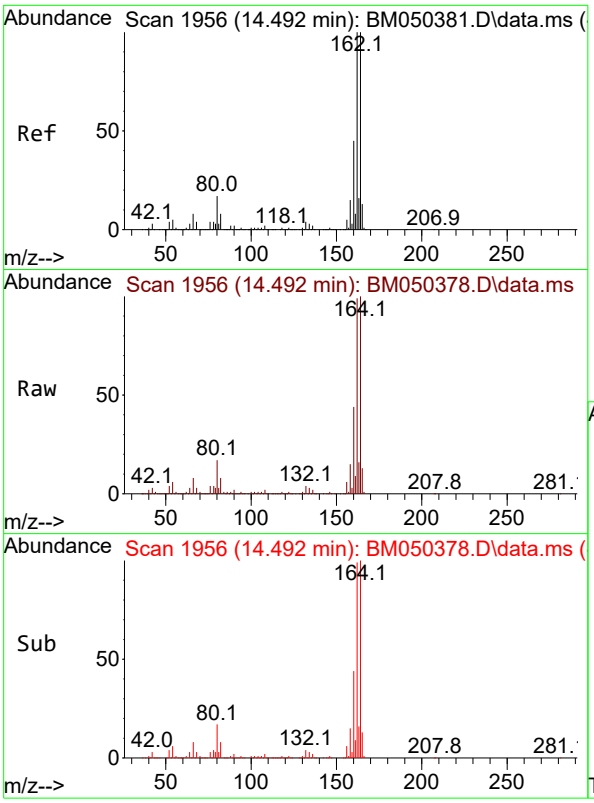


#38
1-Methylnaphthalene
Concen: 4.796 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:142 Resp: 198866

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



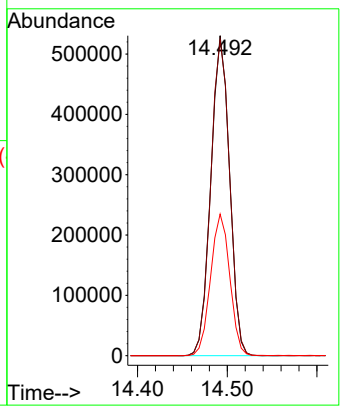


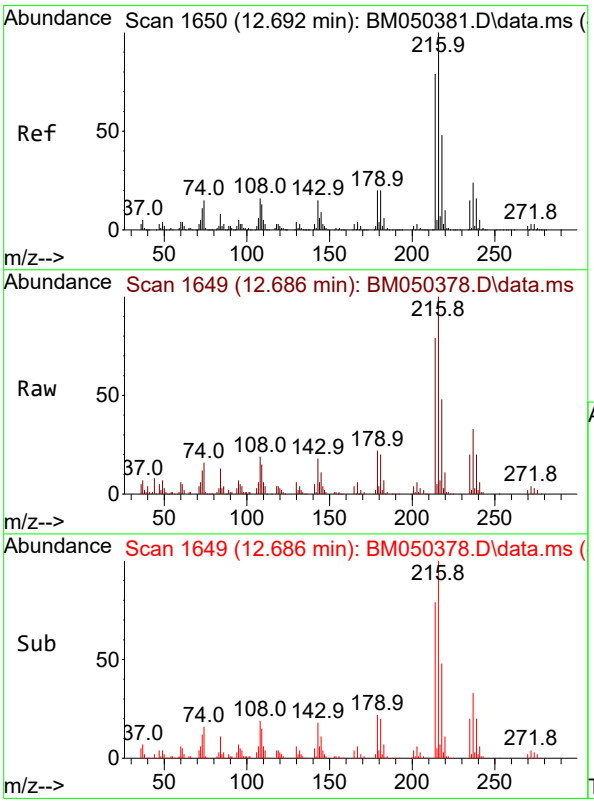
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 768894

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

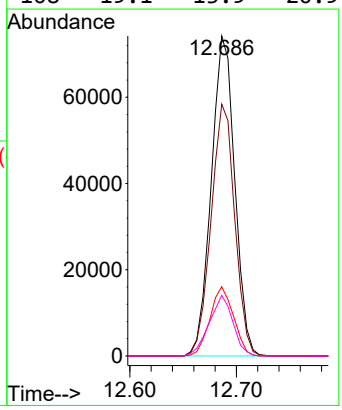


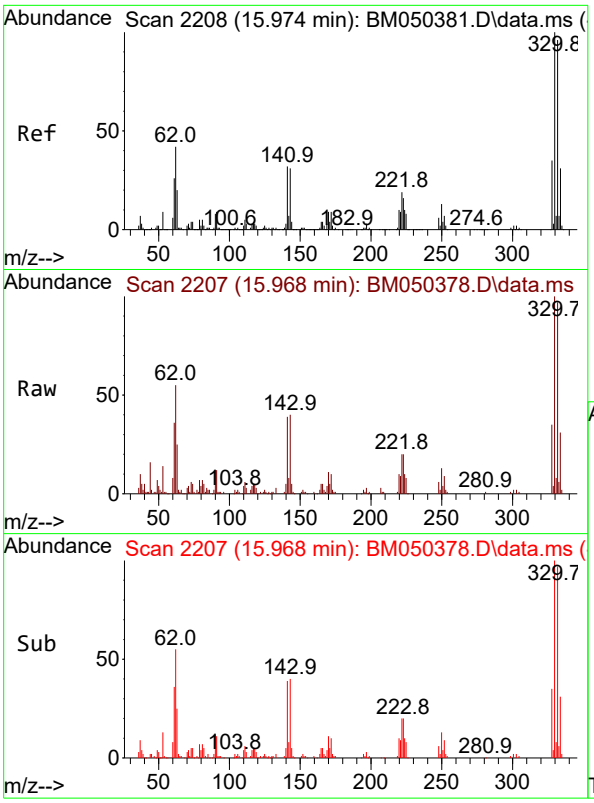


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.642 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:216 Resp: 113496

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



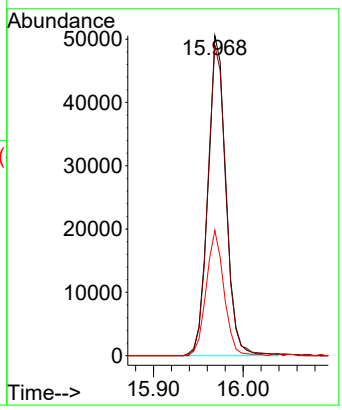


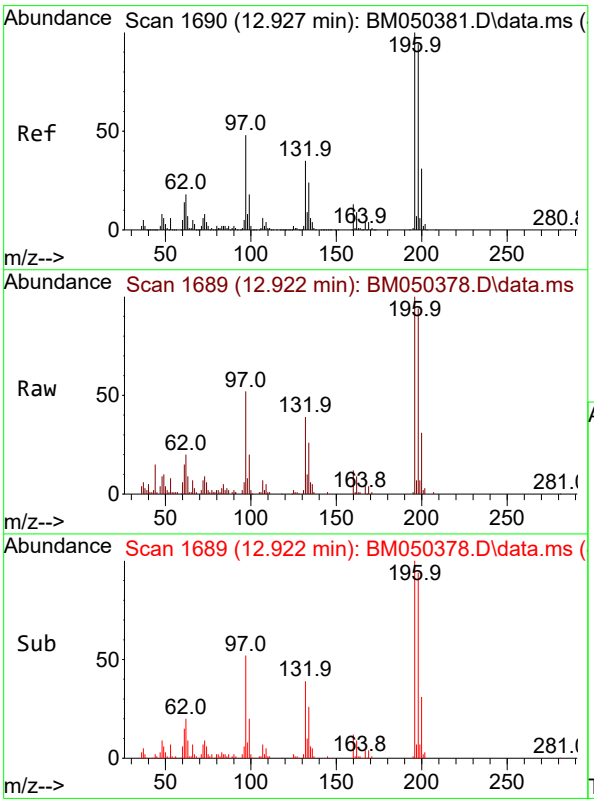
#42
2,4,6-Tribromophenol
Concen: 7.485 ng
RT: 15.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 69925

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

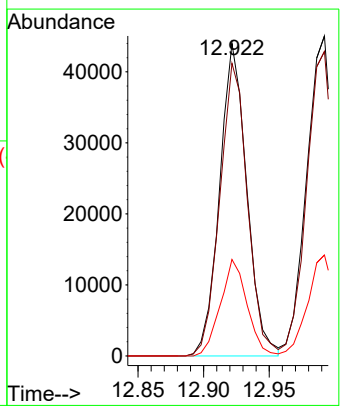


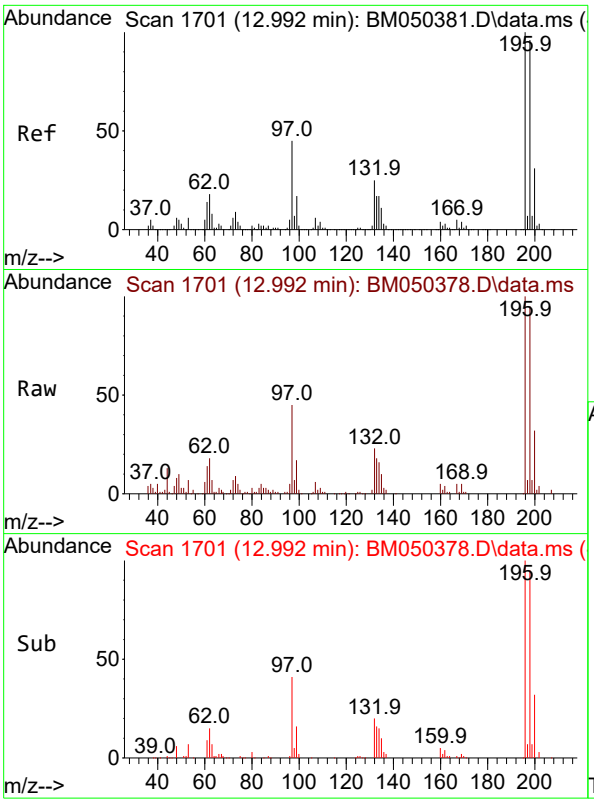


#43
2,4,6-Trichlorophenol
Concen: 4.221 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:196 Resp: 63524

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



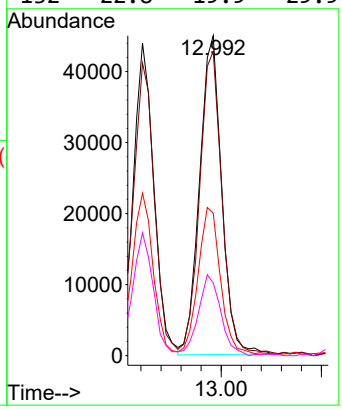


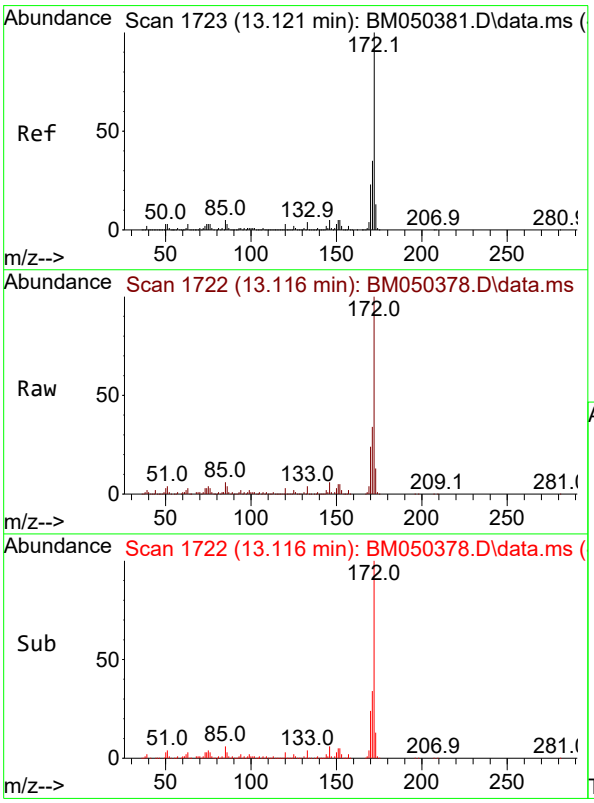
#44
2,4,5-Trichlorophenol
Concen: 4.195 ng
RT: 12.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 68958

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

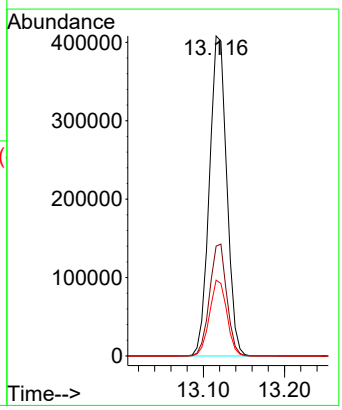


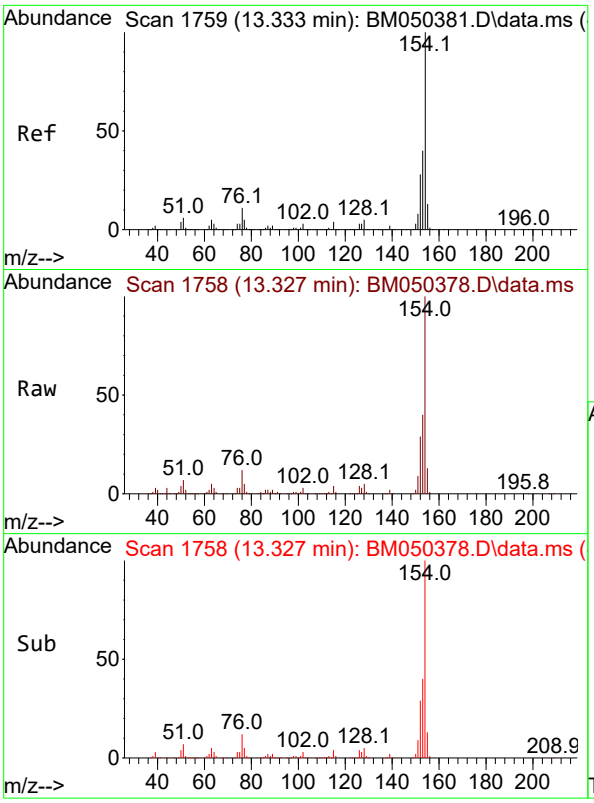


#45
2-Fluorobiphenyl
Concen: 9.705 ng
RT: 13.116 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:172 Resp: 604282

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



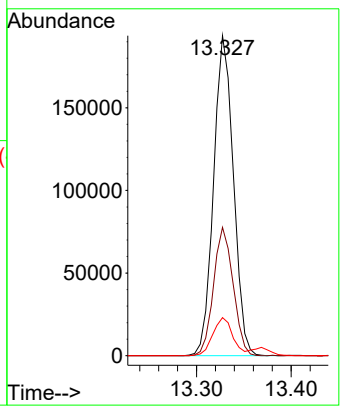


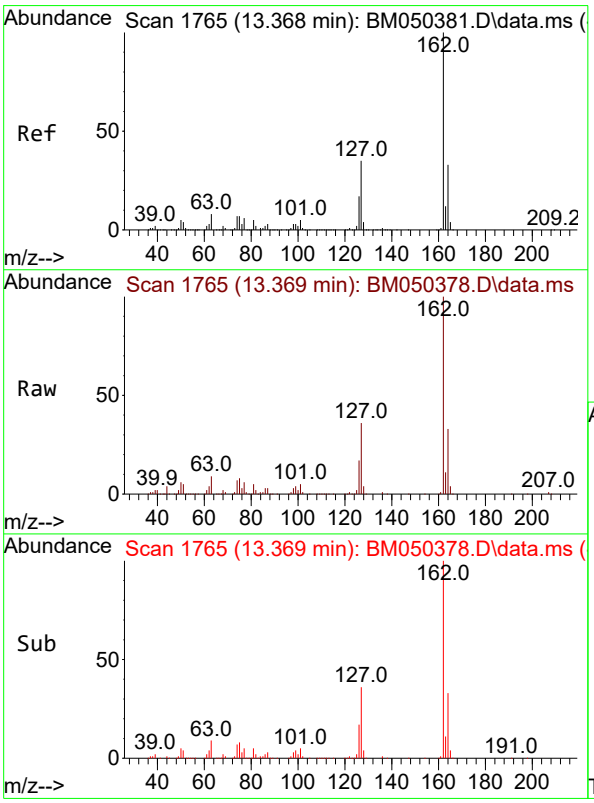
#46
1,1'-Biphenyl
Concen: 4.934 ng
RT: 13.327 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 281496

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

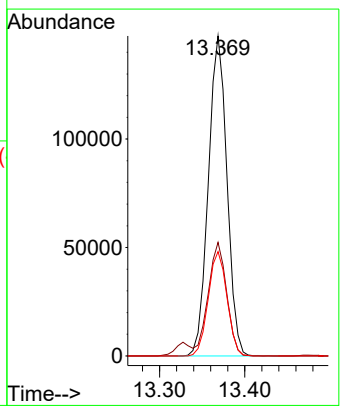


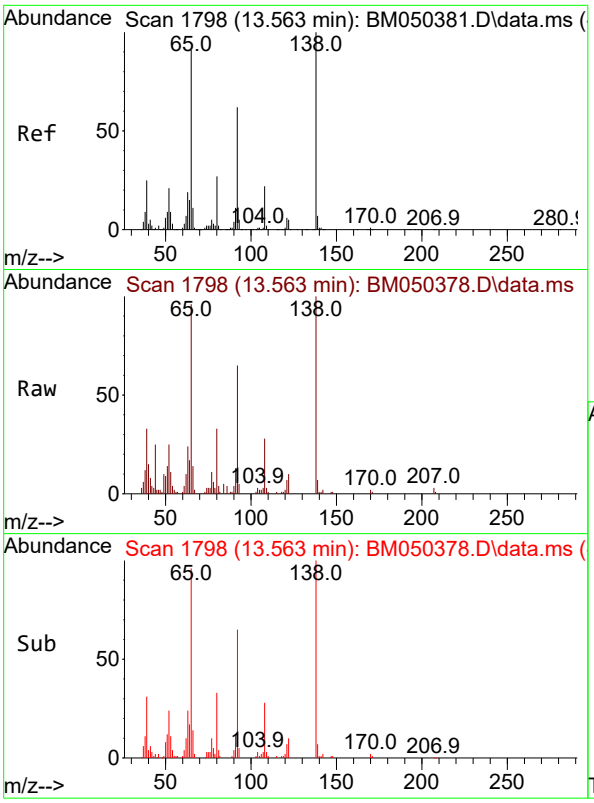


#47
2-Chloronaphthalene
Concen: 4.918 ng
RT: 13.369 min Scan# 1765
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:162 Resp: 223672

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



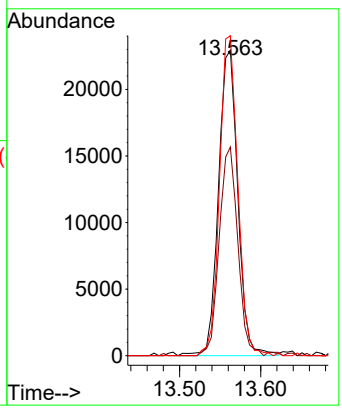


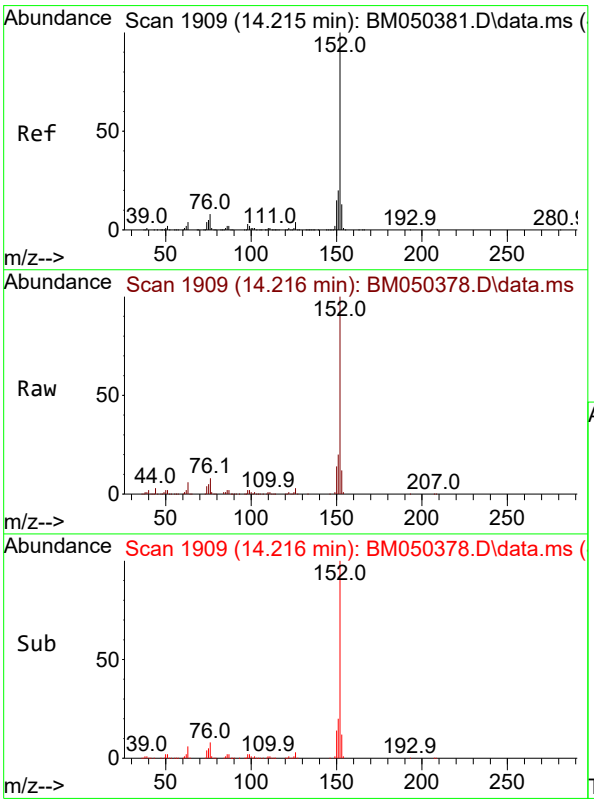
#48
2-Nitroaniline
Concen: 3.738 ng
RT: 13.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 37953

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

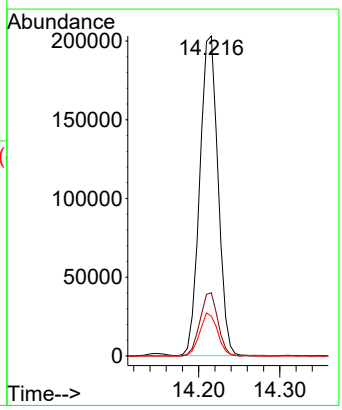


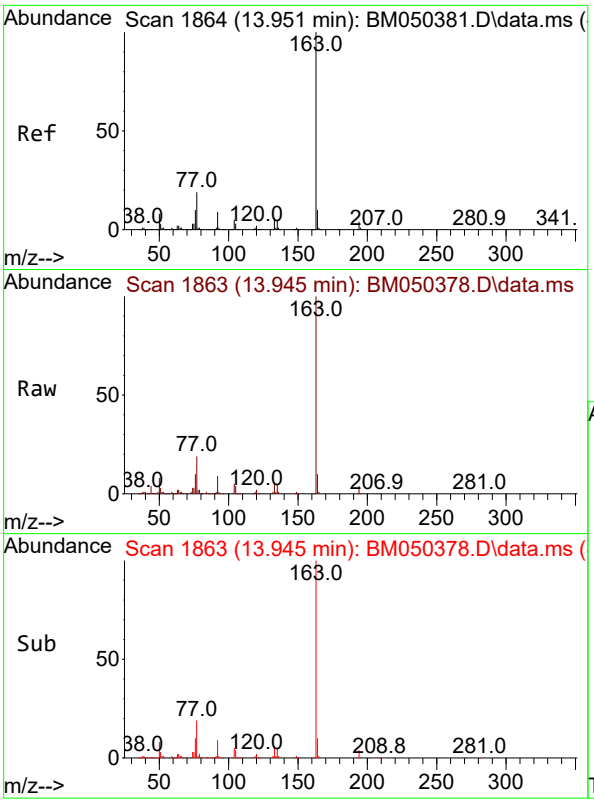


#49
Acenaphthylene
Concen: 4.601 ng
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:152 Resp: 316292

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



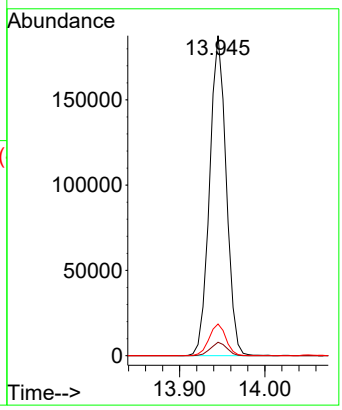


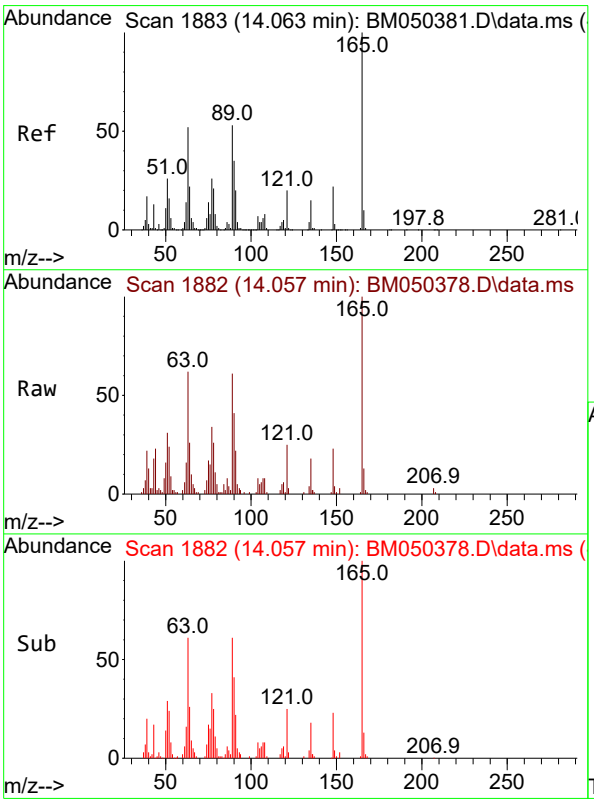
#50
Dimethylphthalate
Concen: 4.805 ng
RT: 13.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 254362

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

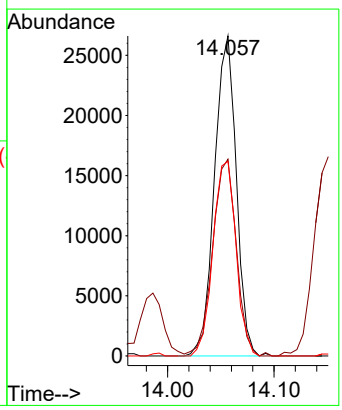


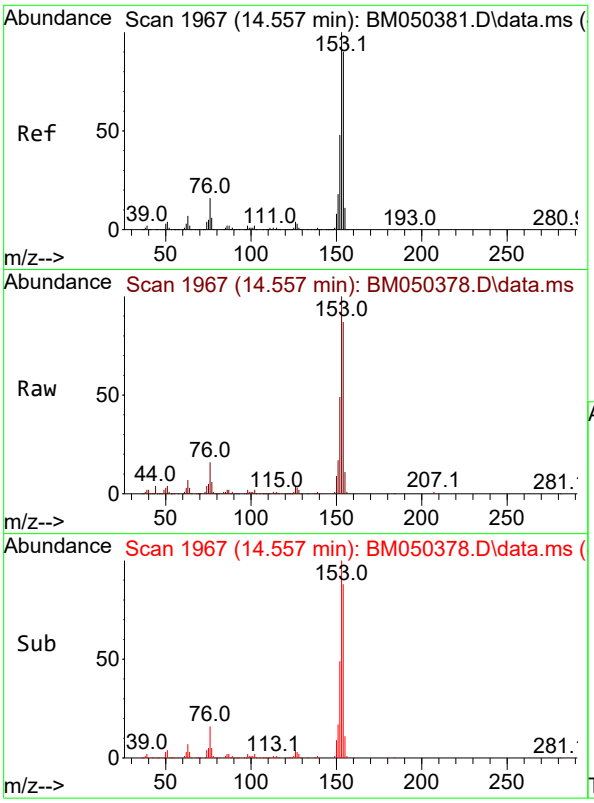


#51
2,6-Dinitrotoluene
Concen: 3.710 ng
RT: 14.057 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 37711

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



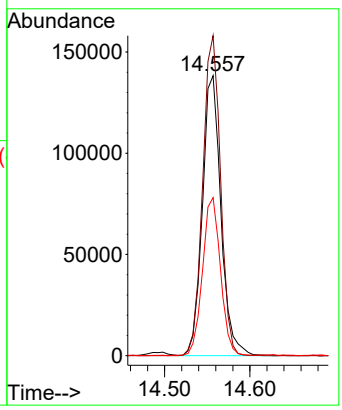


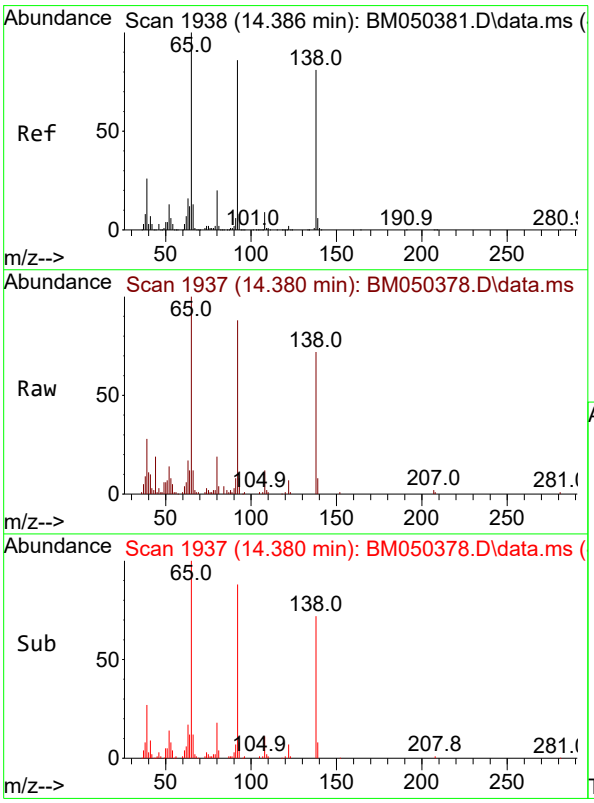
#52
Acenaphthene
Concen: 4.779 ng
RT: 14.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 208840

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

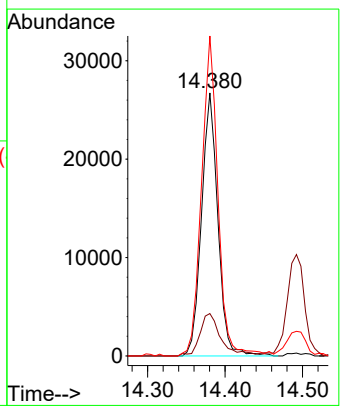


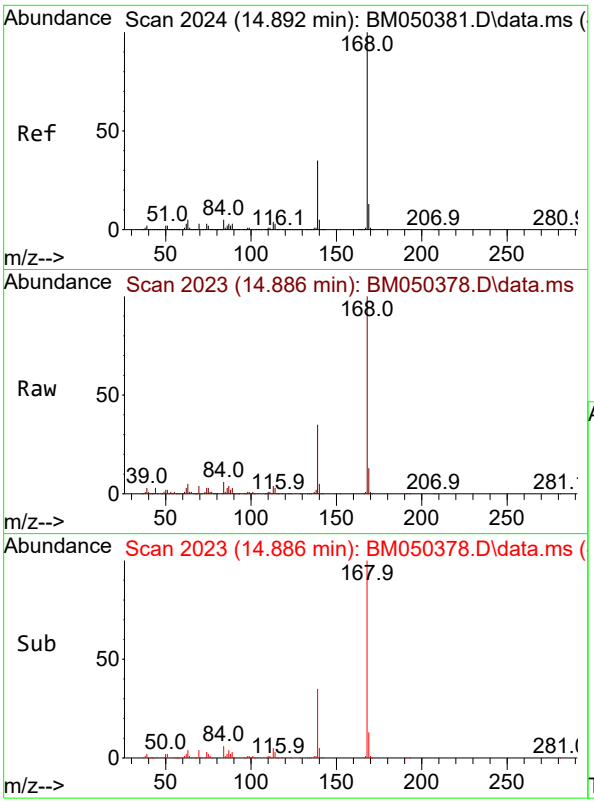


#53
3-Nitroaniline
Concen: 3.628 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:138 Resp: 39220

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



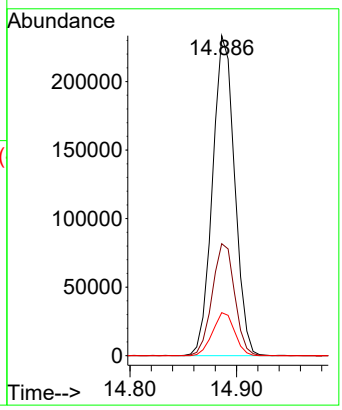


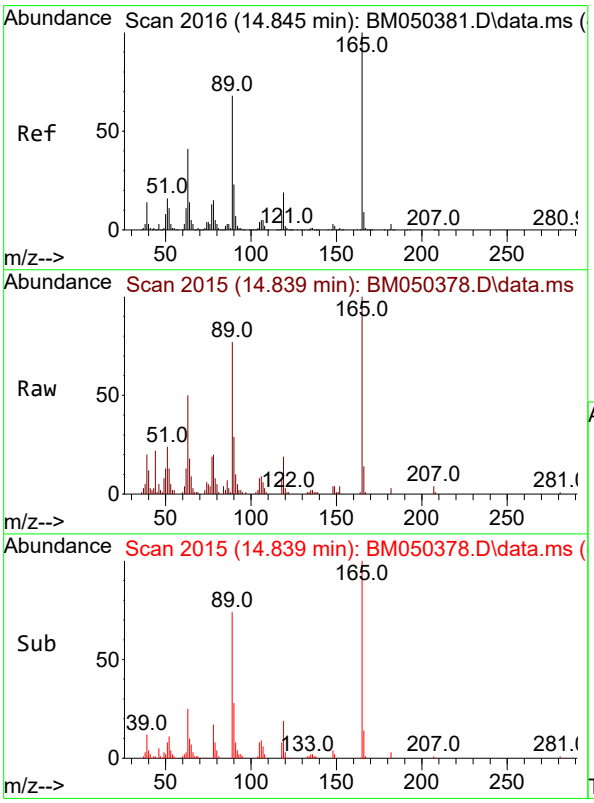
#55
Dibenzofuran
Concen: 4.988 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 335867

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

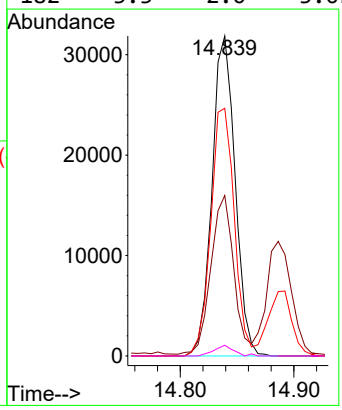


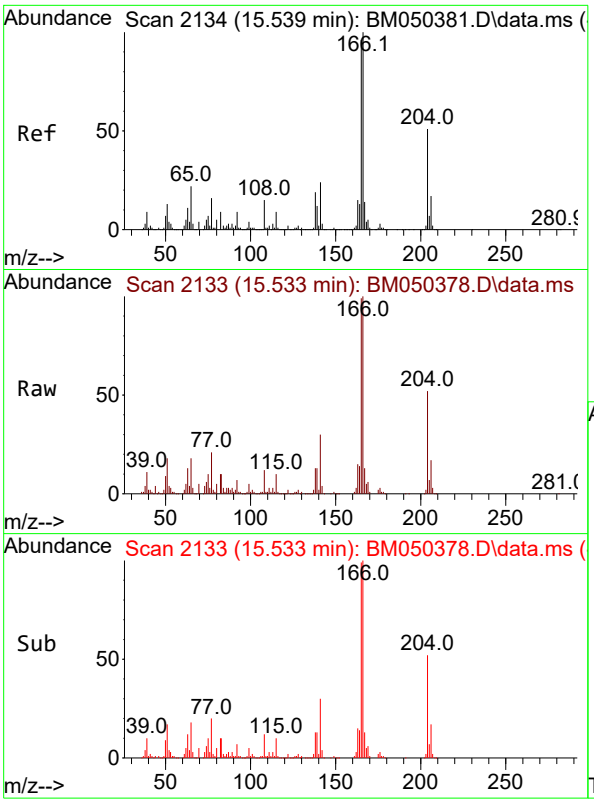


#57
2,4-Dinitrotoluene
Concen: 5.513 ng
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:165 Resp: 44983

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



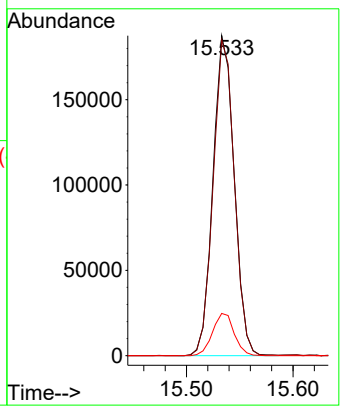


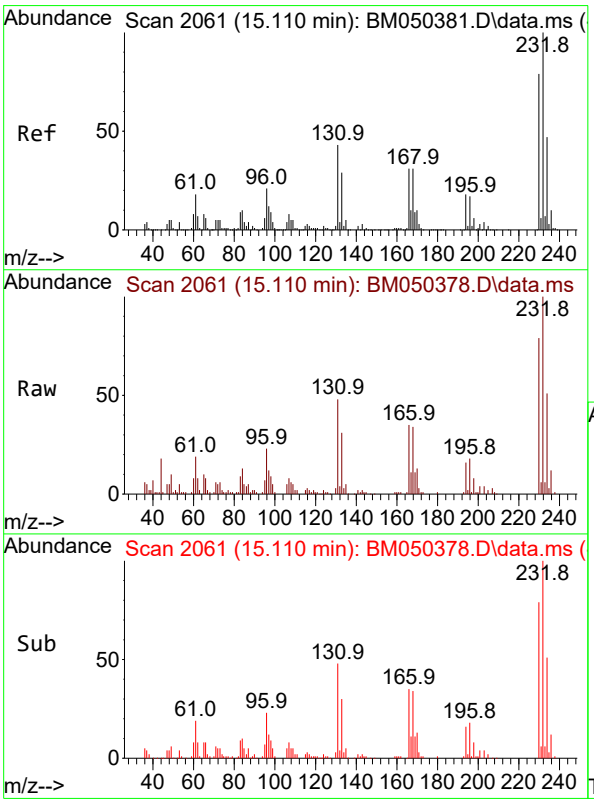
#58
Fluorene
Concen: 4.671 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 259083

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

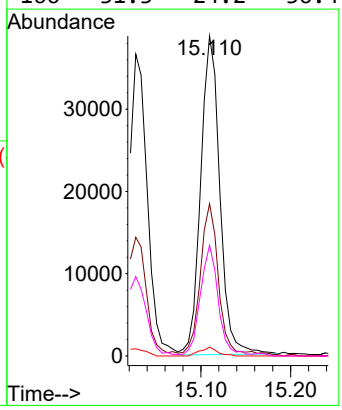


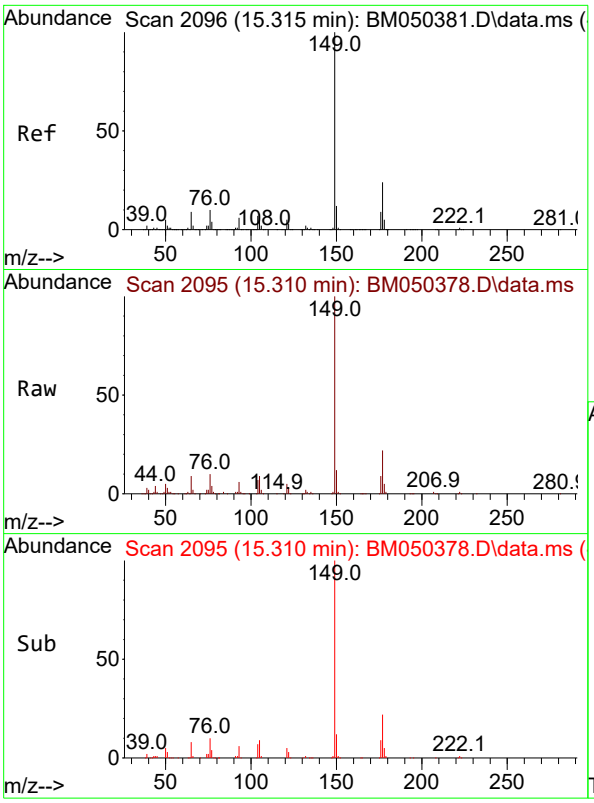


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.158 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:232 Resp: 57532

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



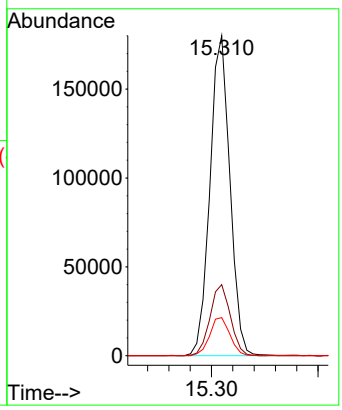


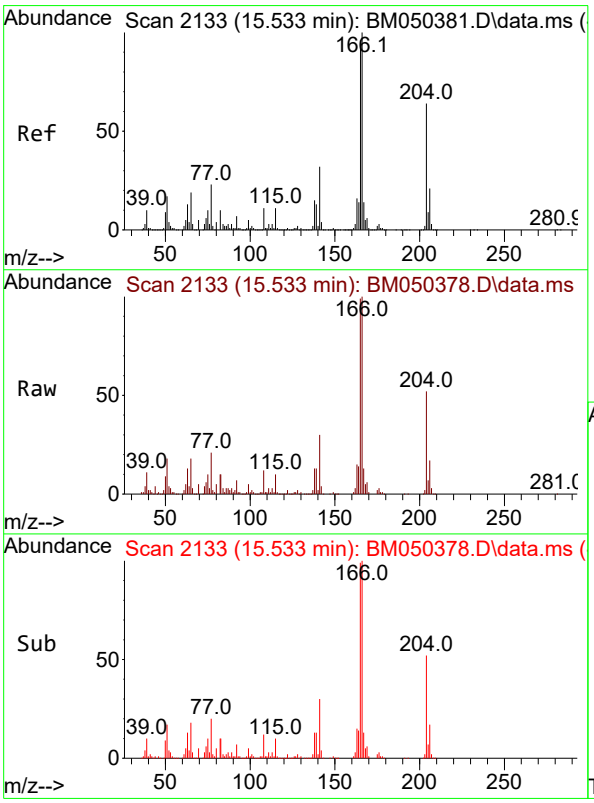
#60
Diethylphthalate
Concen: 4.625 ng
RT: 15.310 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 233863

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

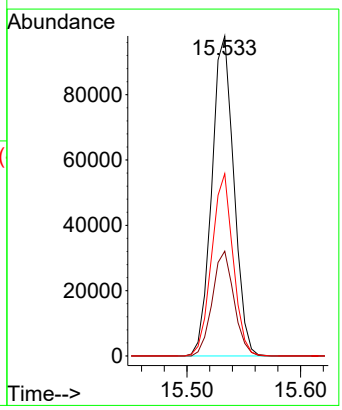


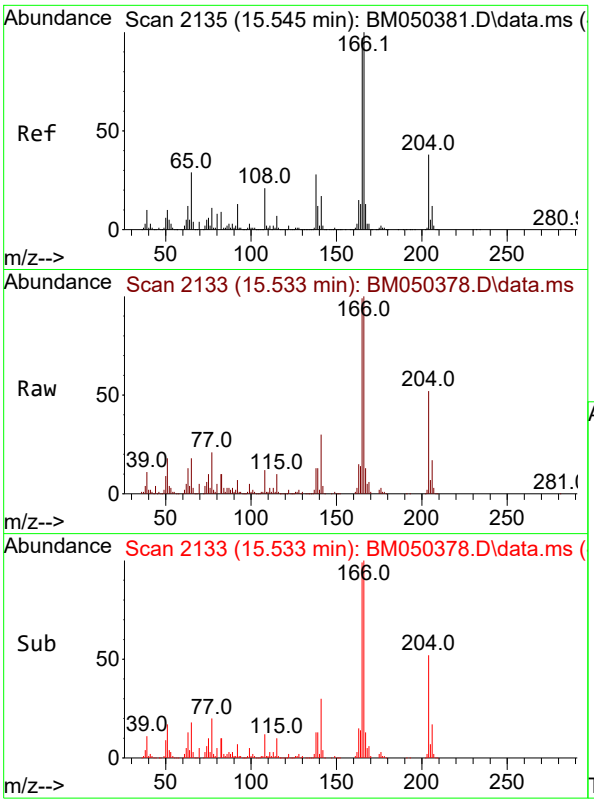


#61
4-Chlorophenyl-phenylether
Concen: 4.557 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:204 Resp: 132153

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



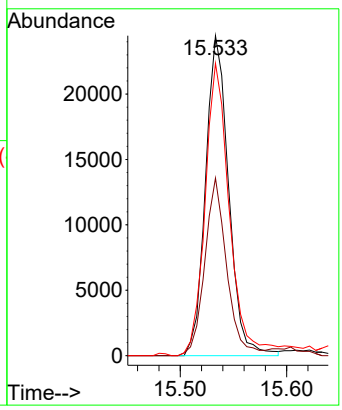


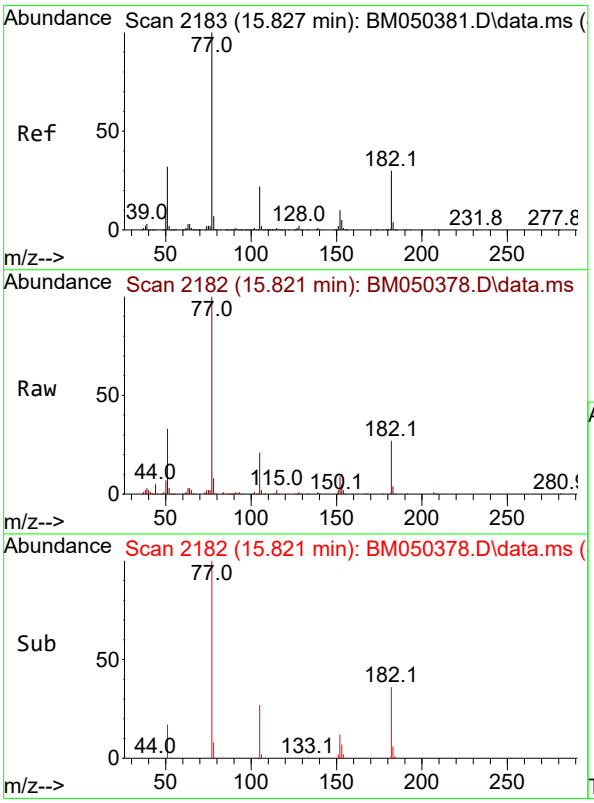
#62
4-Nitroaniline
Concen: 5.398 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 36922

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

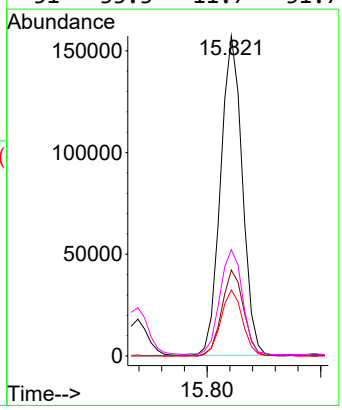


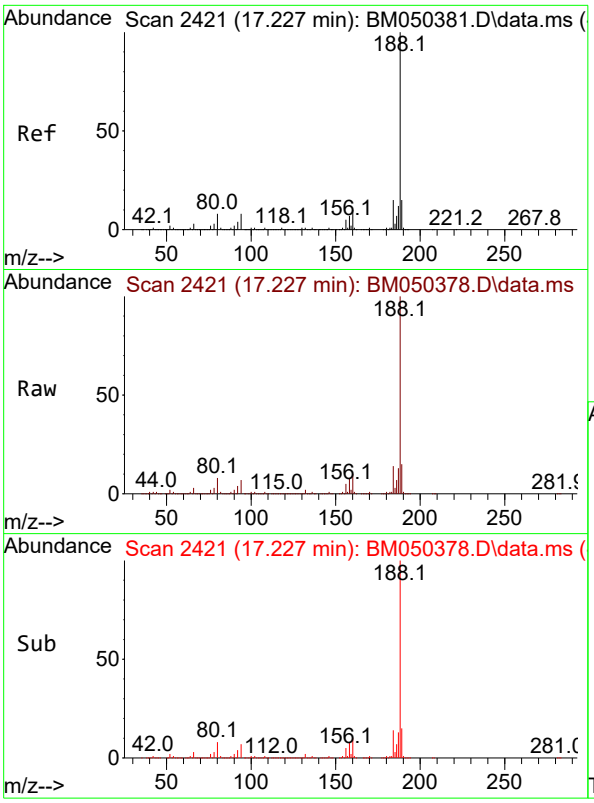


#63
Azobenzene
Concen: 4.490 ng
RT: 15.821 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion: 77 Resp: 208493

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



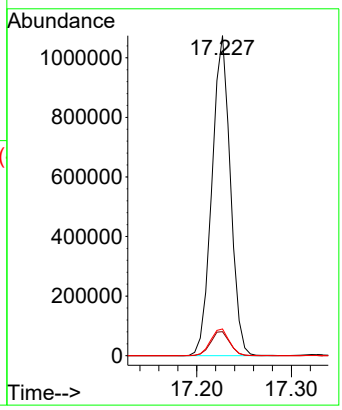


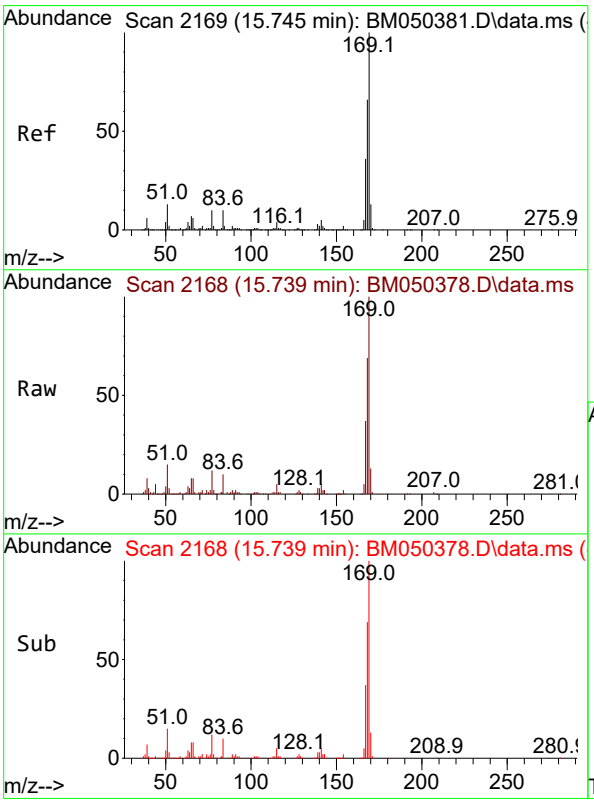
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1453955

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

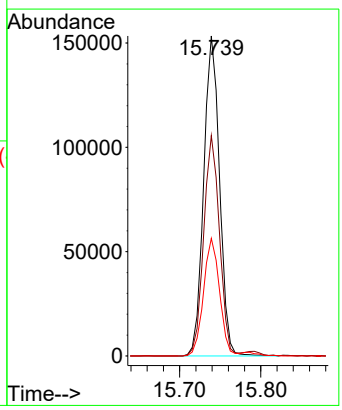


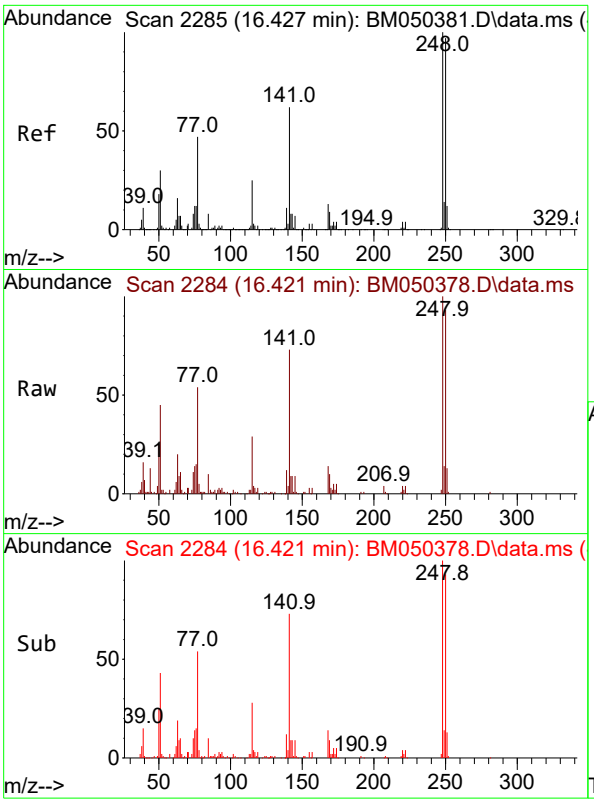


#66
n-Nitrosodiphenylamine
Concen: 4.566 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:169 Resp: 207747

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



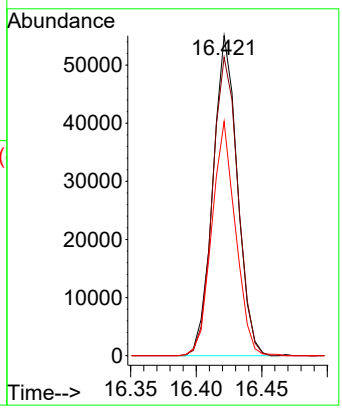


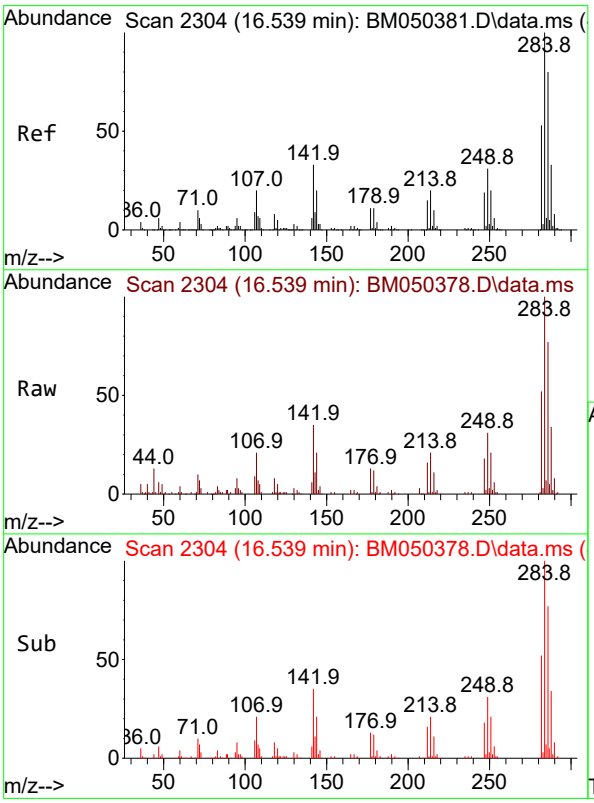
#67
4-Bromophenyl-phenylether
Concen: 4.450 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 71279

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

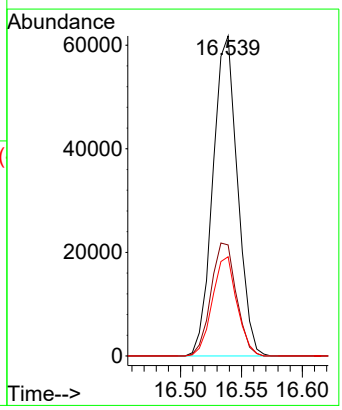


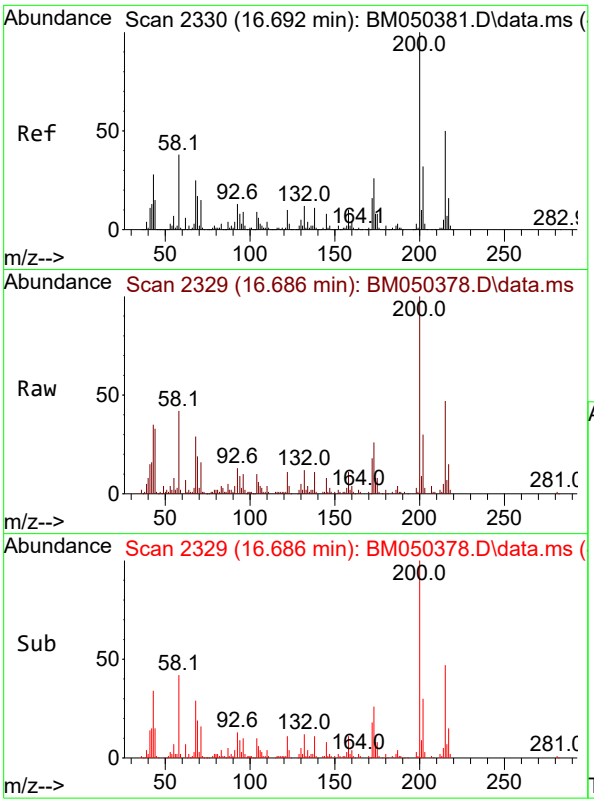


#68
Hexachlorobenzene
Concen: 4.587 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:284 Resp: 86781

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



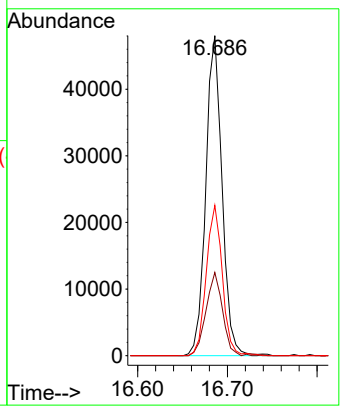


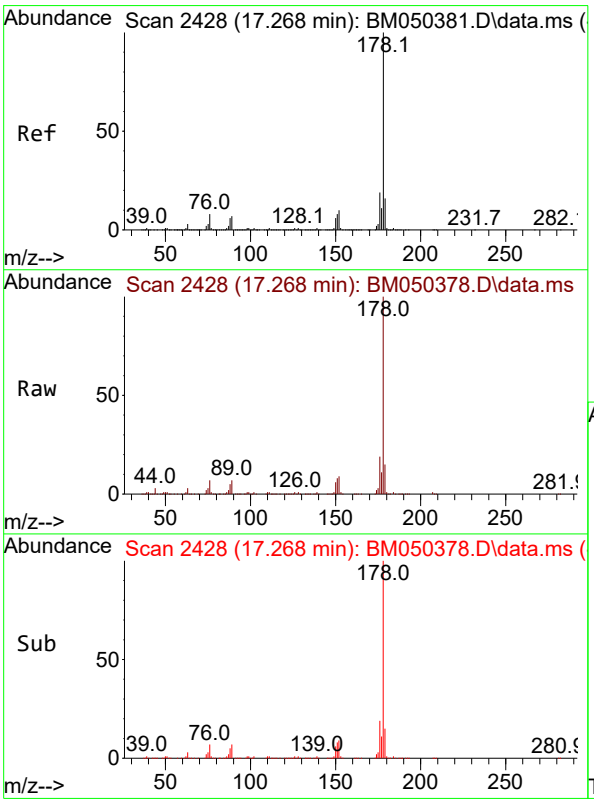
#69
Atrazine
Concen: 4.046 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 60444

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

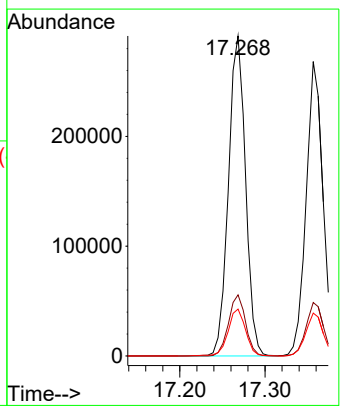


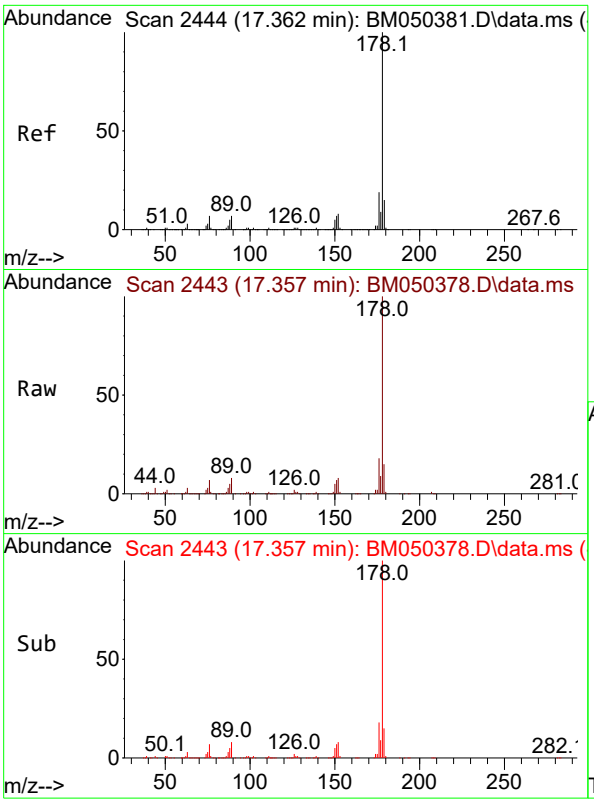


#71
Phenanthrene
Concen: 4.943 ng
RT: 17.268 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:178 Resp: 406647

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



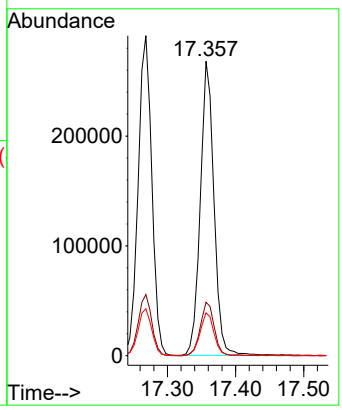


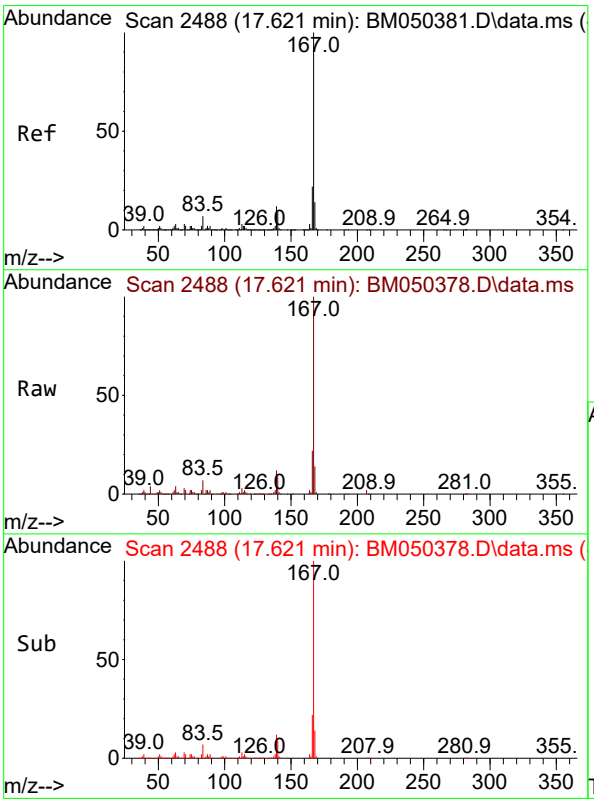
#72
Anthracene
Concen: 4.563 ng
RT: 17.357 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 373674

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

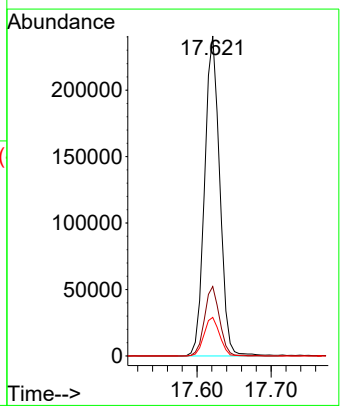


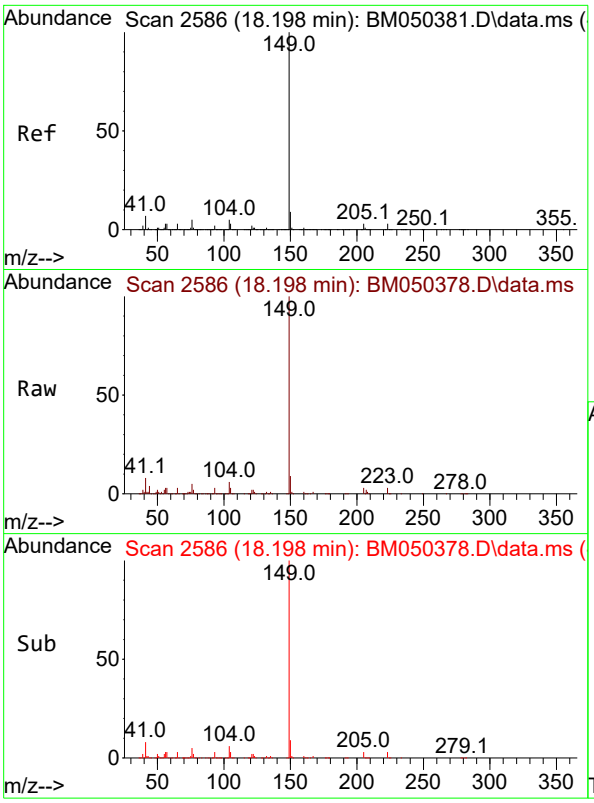


#73
Carbazole
Concen: 4.605 ng
RT: 17.621 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:167 Resp: 341196

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



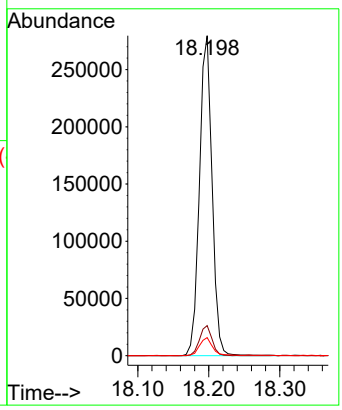


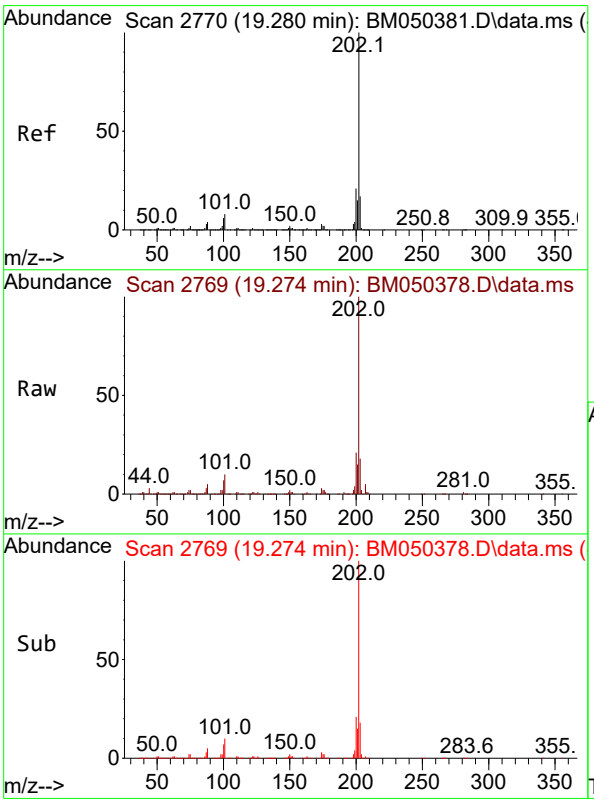
#74
Di-n-butylphthalate
Concen: 4.274 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 346654

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

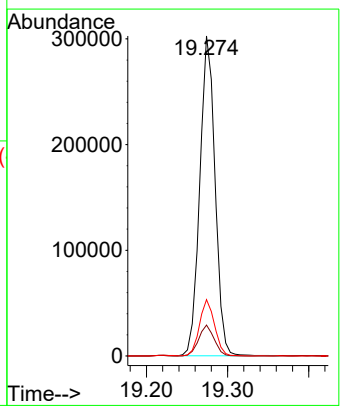


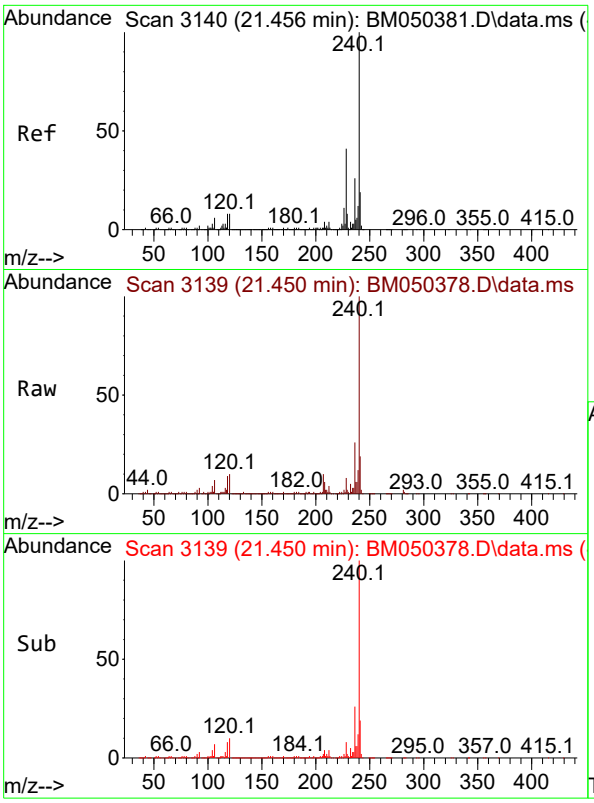


#75
Fluoranthene
Concen: 4.421 ng
RT: 19.274 min Scan# 2769
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 395390

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



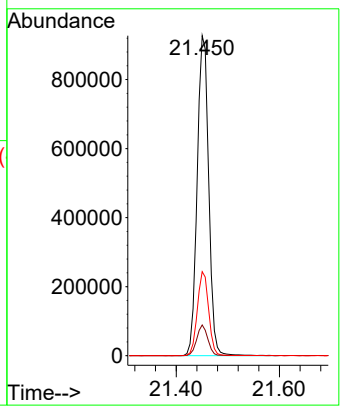


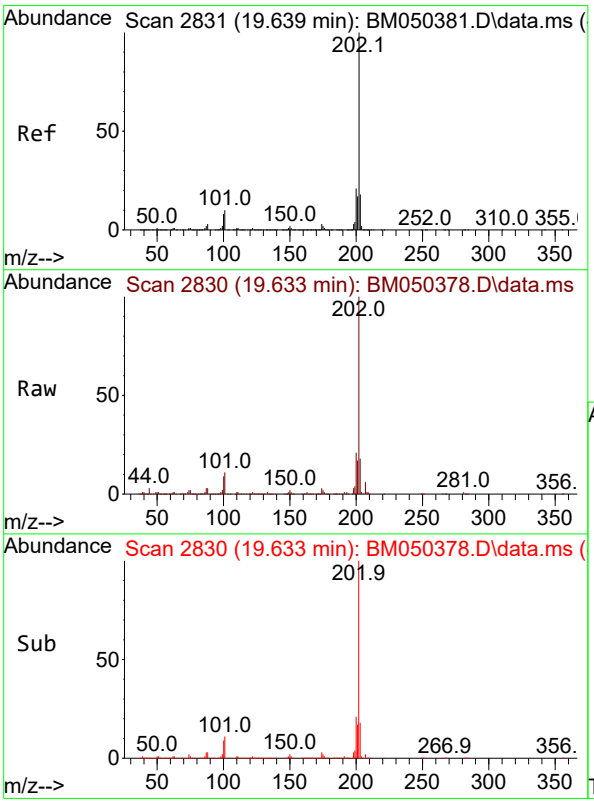
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1431554

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

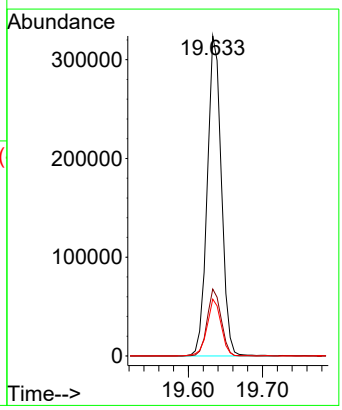


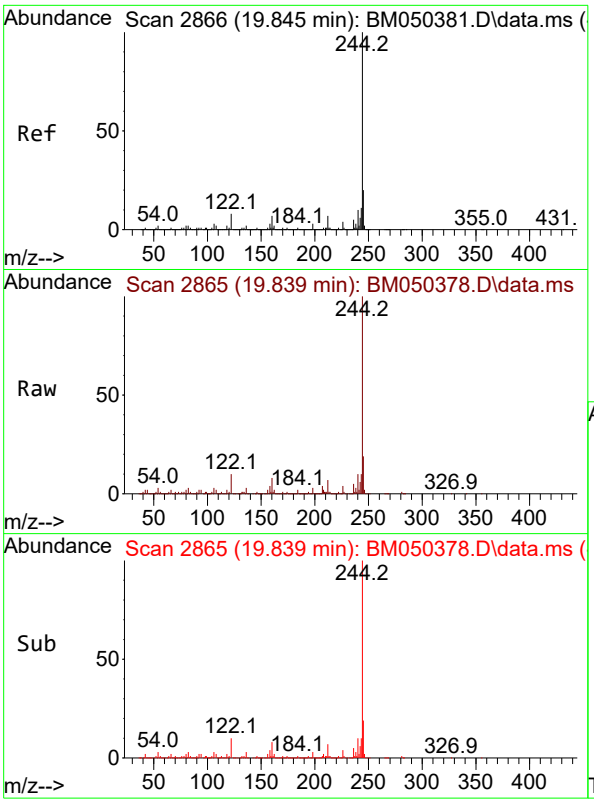


#78
Pyrene
Concen: 4.676 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:202 Resp: 428758

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



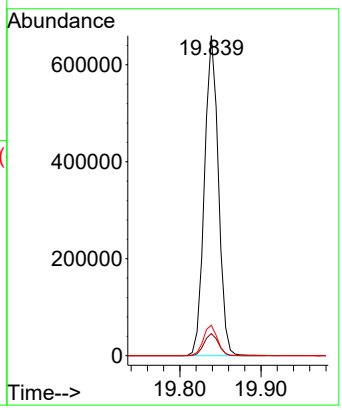


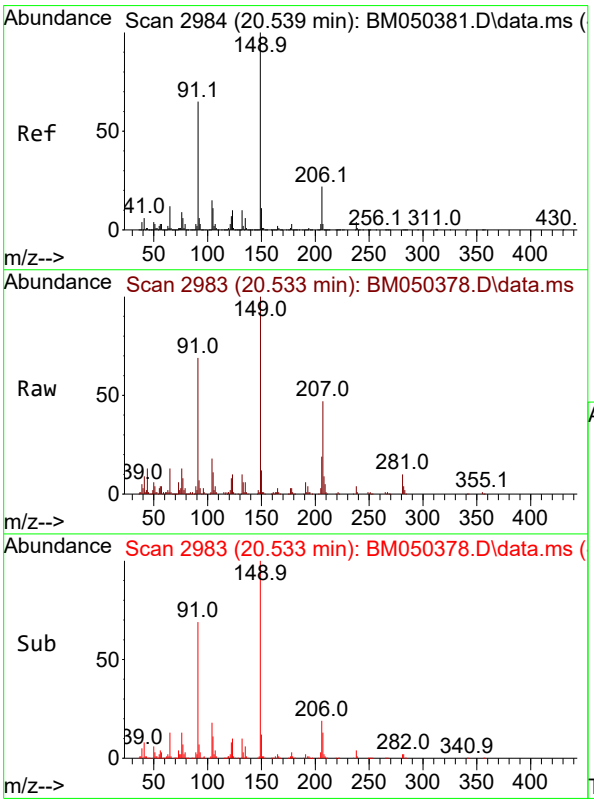
#79
Terphenyl-d14
Concen: 9.630 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 783562

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

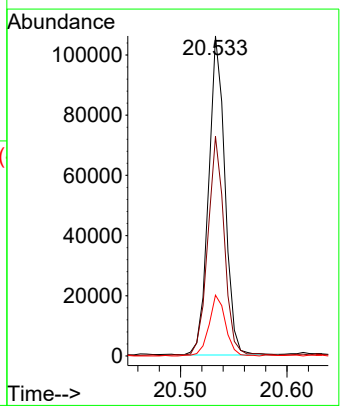


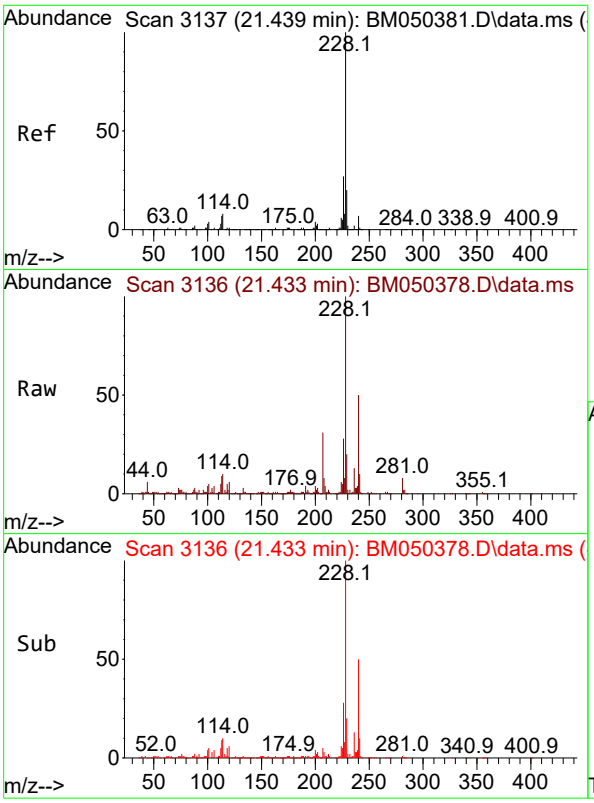


#80
Butylbenzylphthalate
Concen: 3.757 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:149 Resp: 113580

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



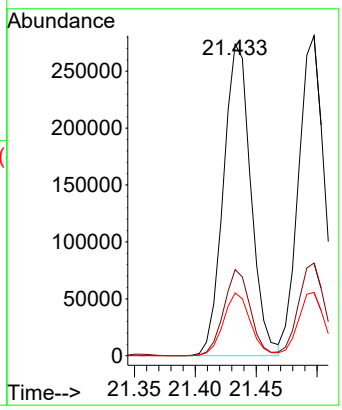


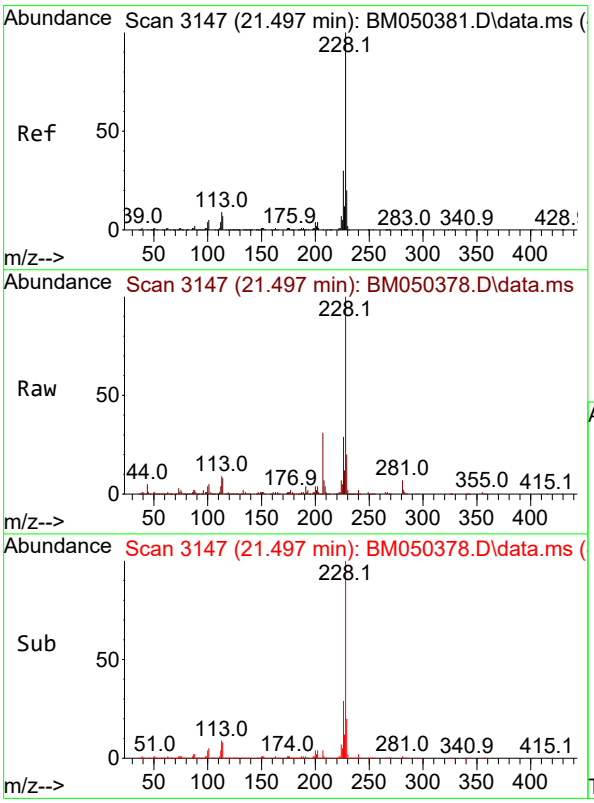
#81
Benzo(a)anthracene
Concen: 4.620 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 430980

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

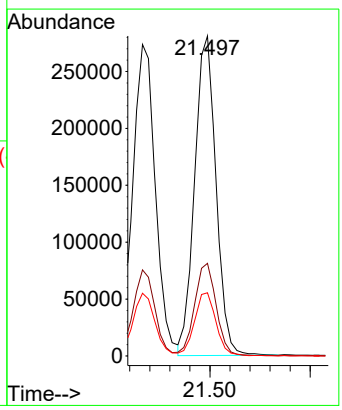


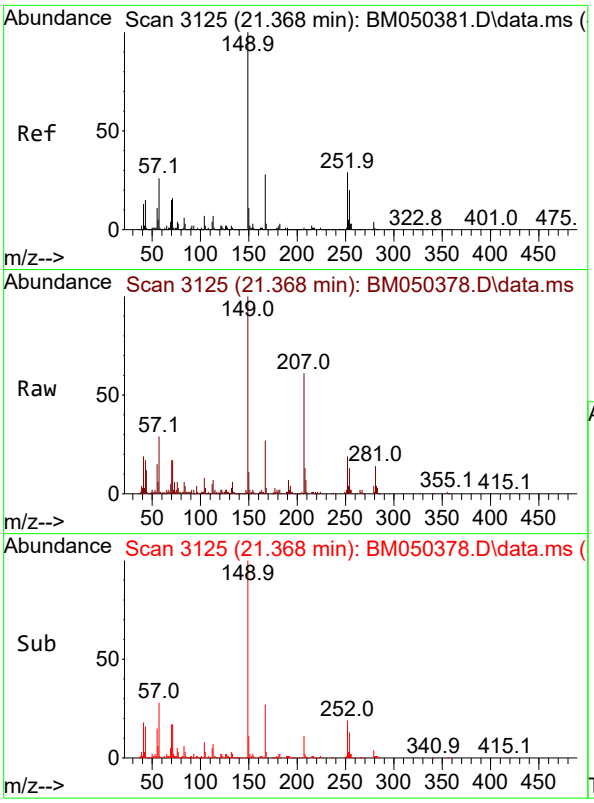


#83
Chrysene
Concen: 4.727 ng
RT: 21.497 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:228 Resp: 415885

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



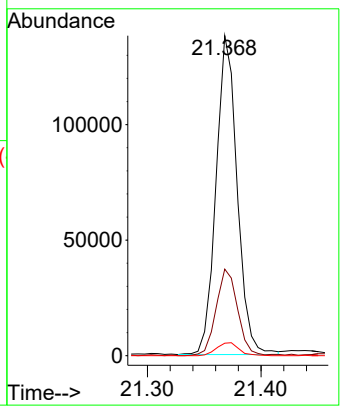


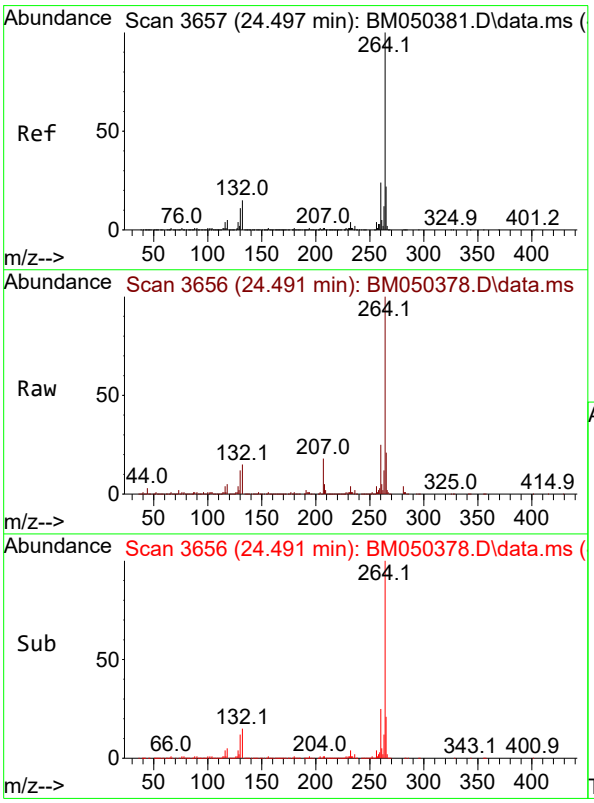
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.724 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 178701

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

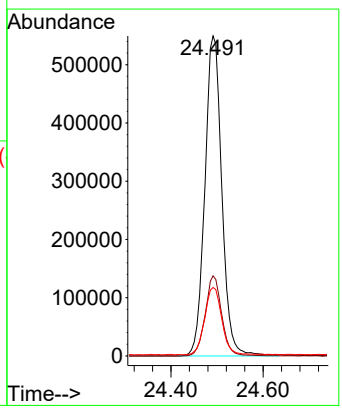


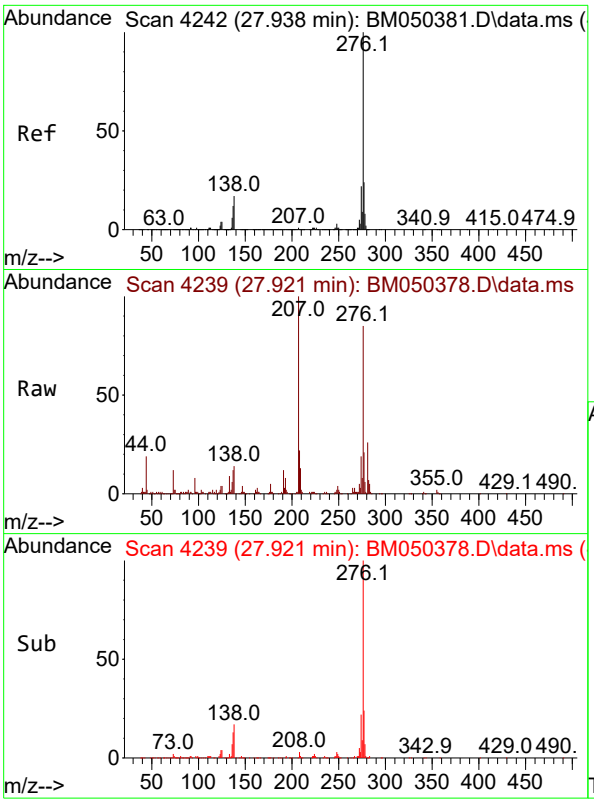


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:264 Resp: 1410719

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



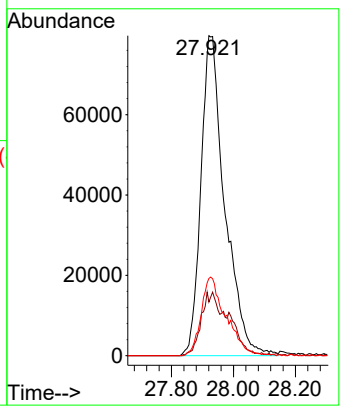


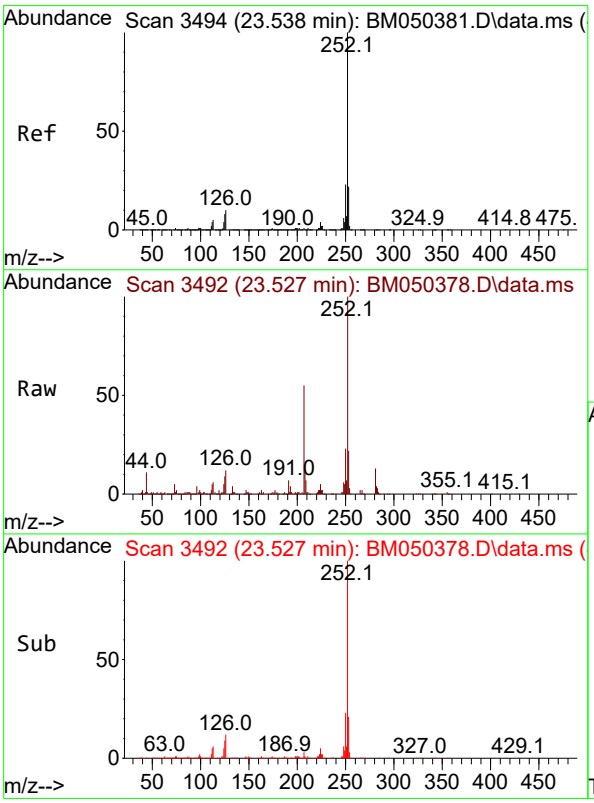
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.249 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 426152

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

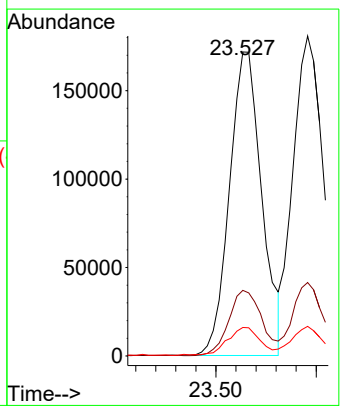


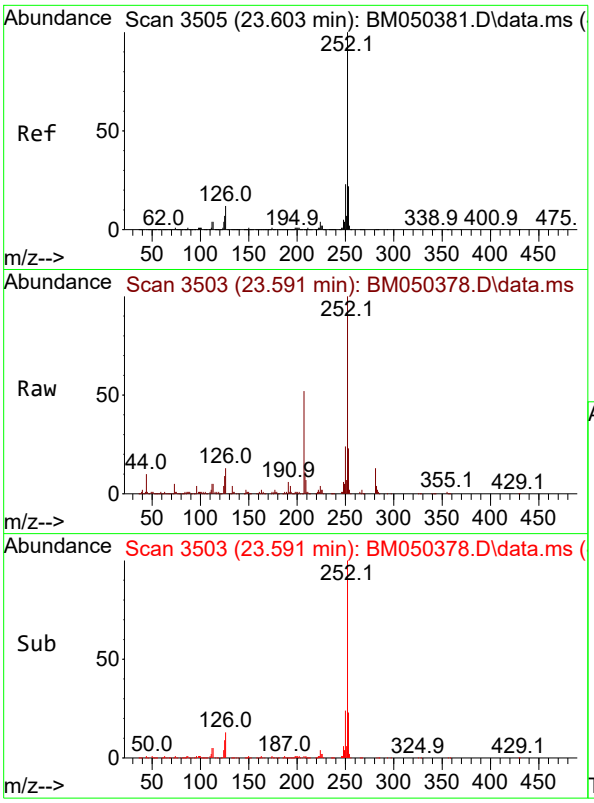


#88
Benzo(b)fluoranthene
Concen: 4.431 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 384470

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



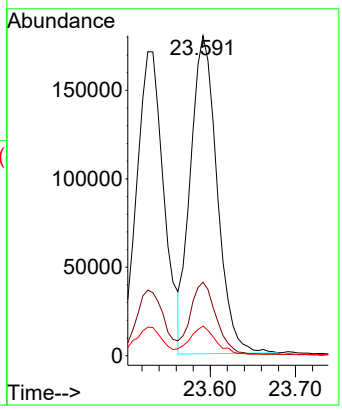


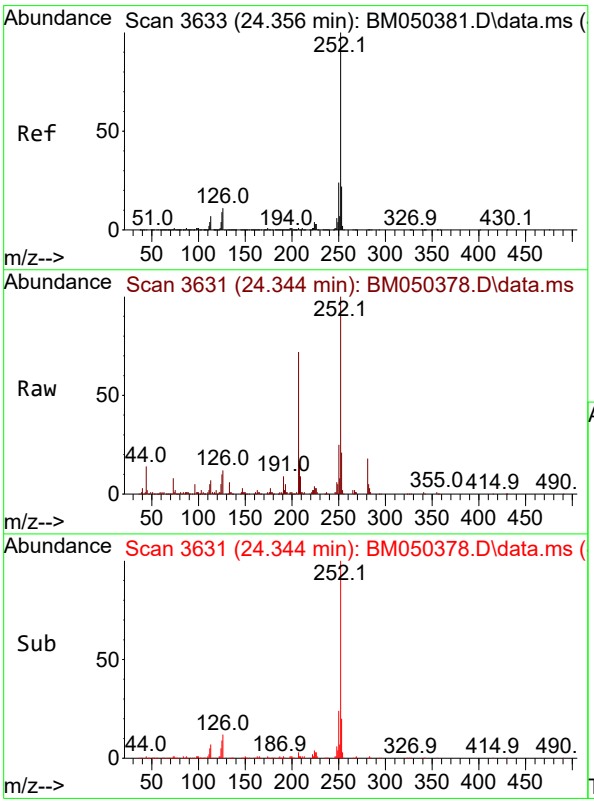
#89
Benzo(k)fluoranthene
Concen: 4.330 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 389878

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

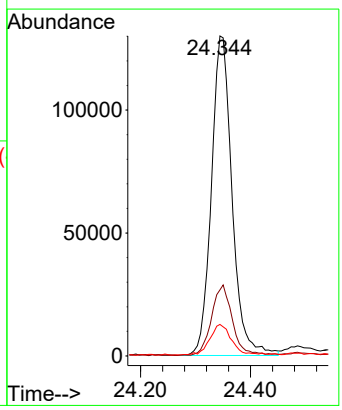


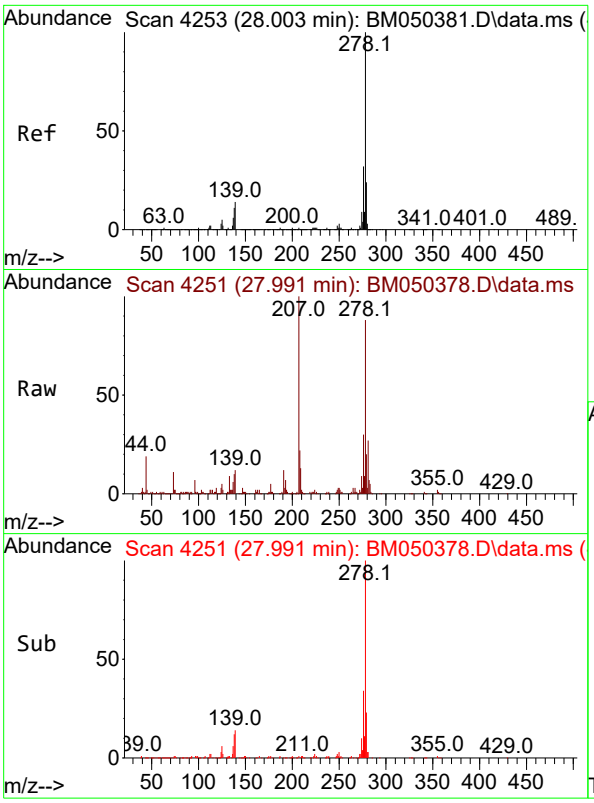


#90
Benzo(a)pyrene
Concen: 4.177 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:252 Resp: 339308

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



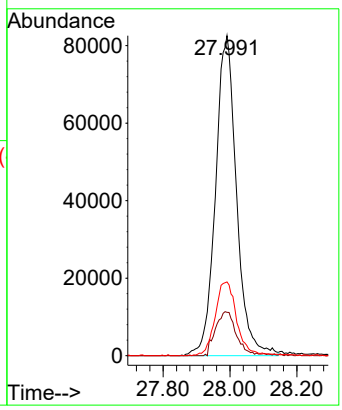


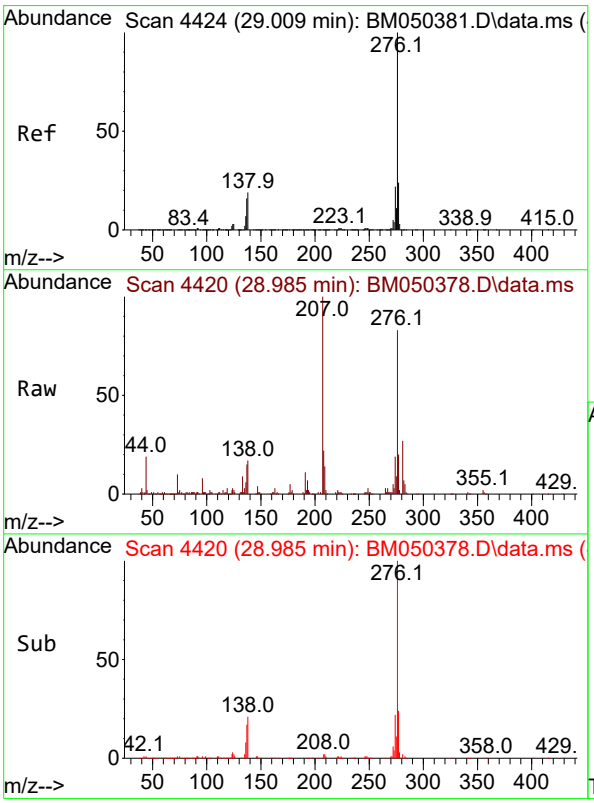
#91
Dibenzo(a,h)anthracene
Concen: 4.269 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 360576

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

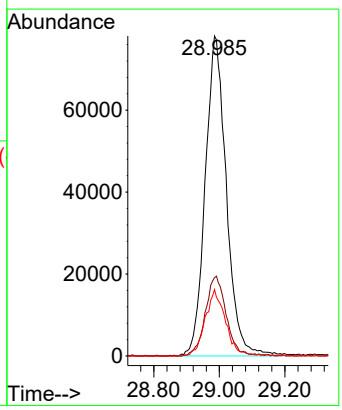




#92
Benzo(g,h,i)perylene
Concen: 4.382 ng
RT: 28.985 min Scan# 4420
Delta R.T. -0.023 min
Lab File: BM050378.D
Acq: 08 Jul 2025 13:19

Tgt Ion:276 Resp: 349804

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

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

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

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

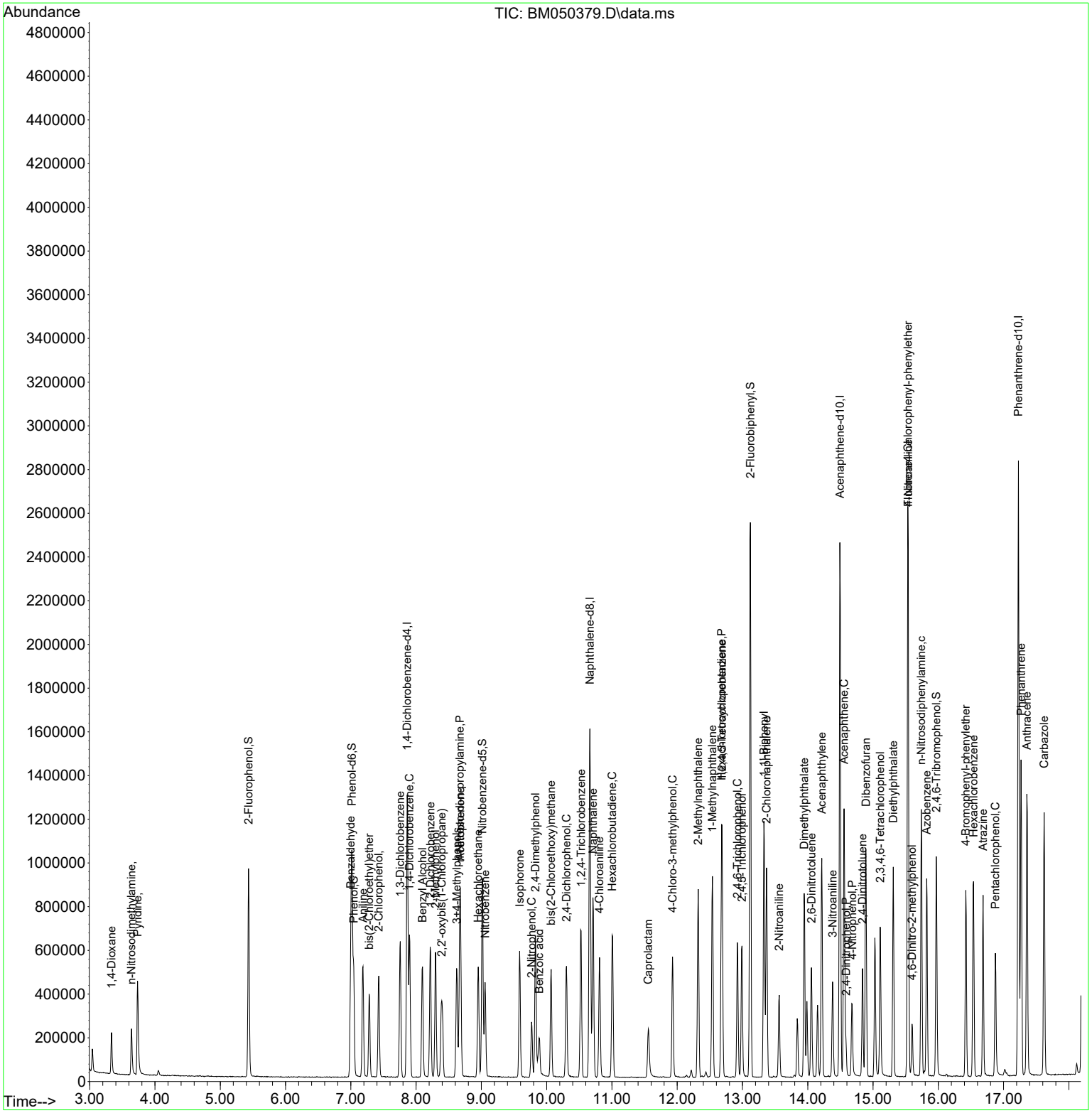
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

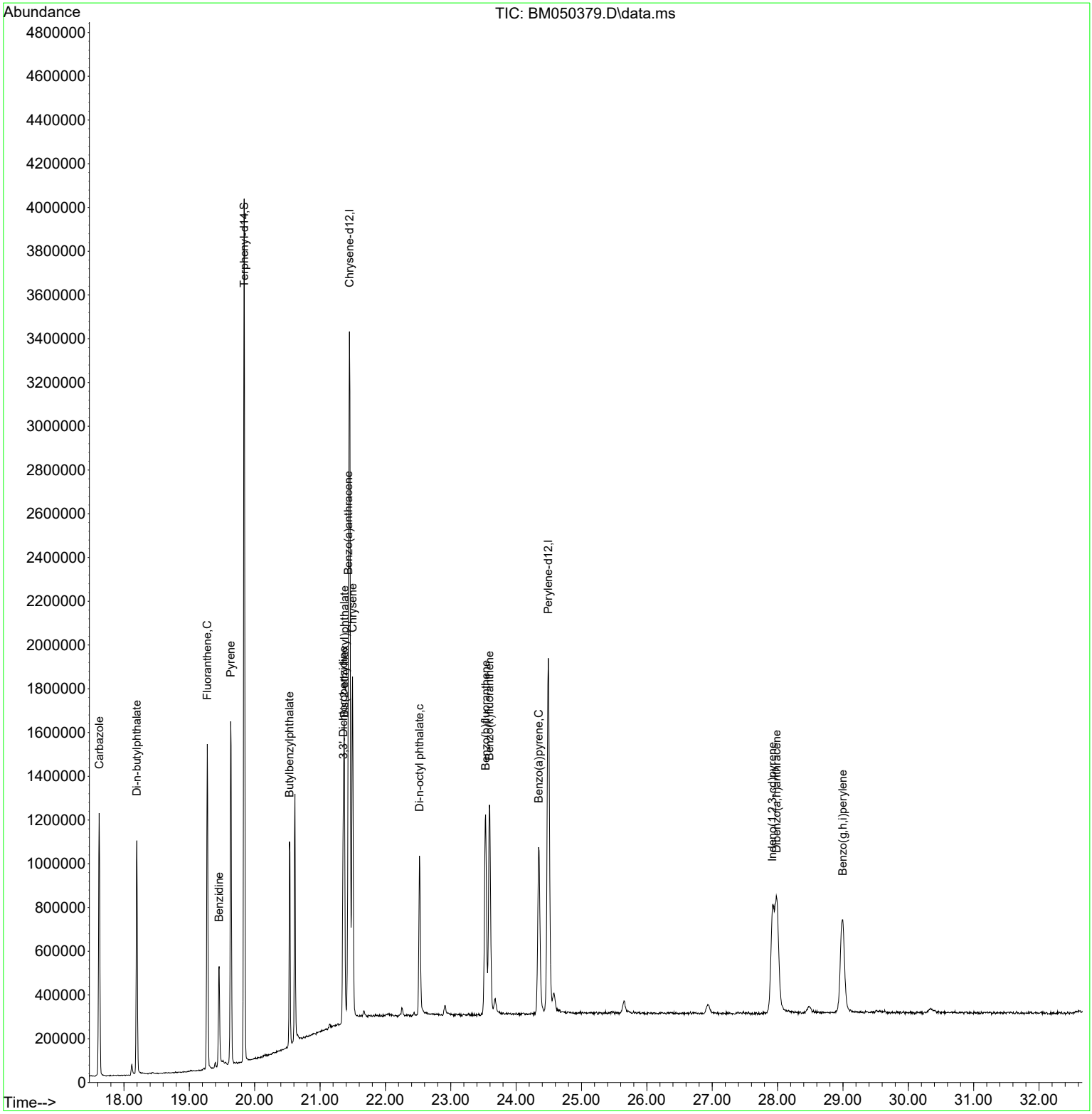
Quant Time: Jul 08 18:20:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

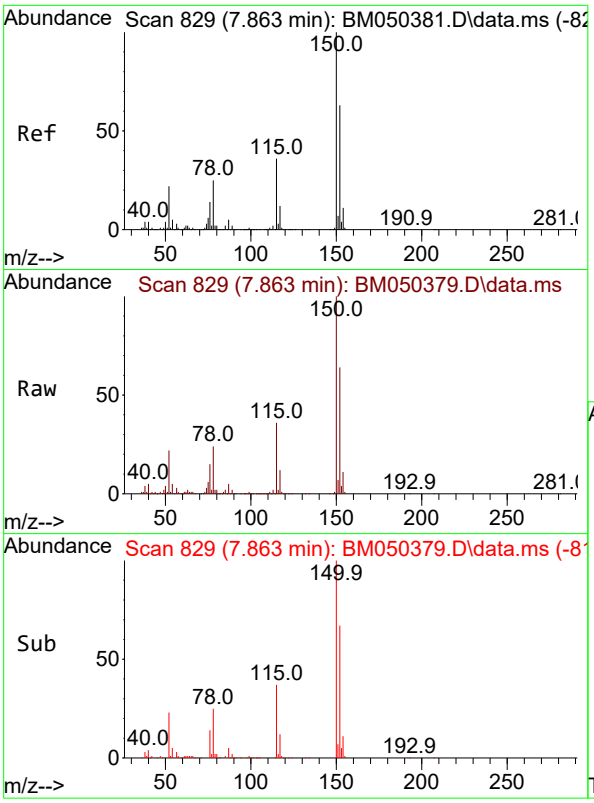


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050379.D
Acq On : 08 Jul 2025 14:00
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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



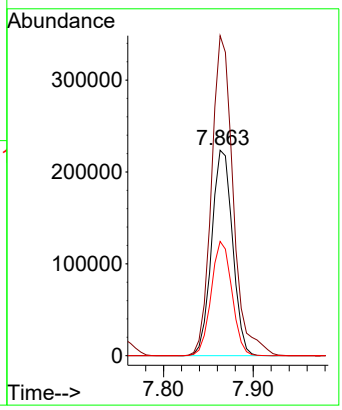


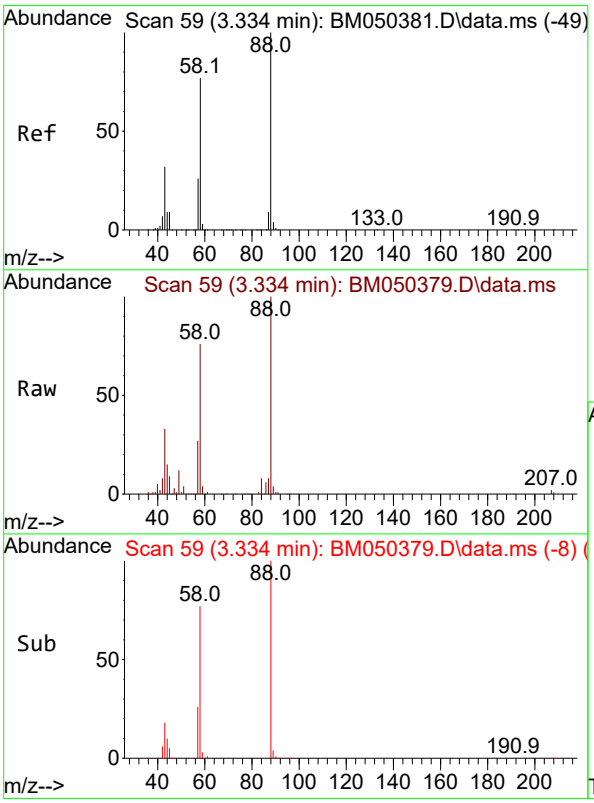
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 361961

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

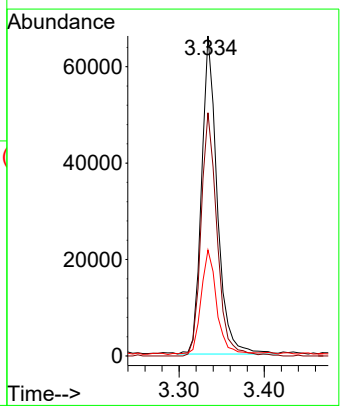


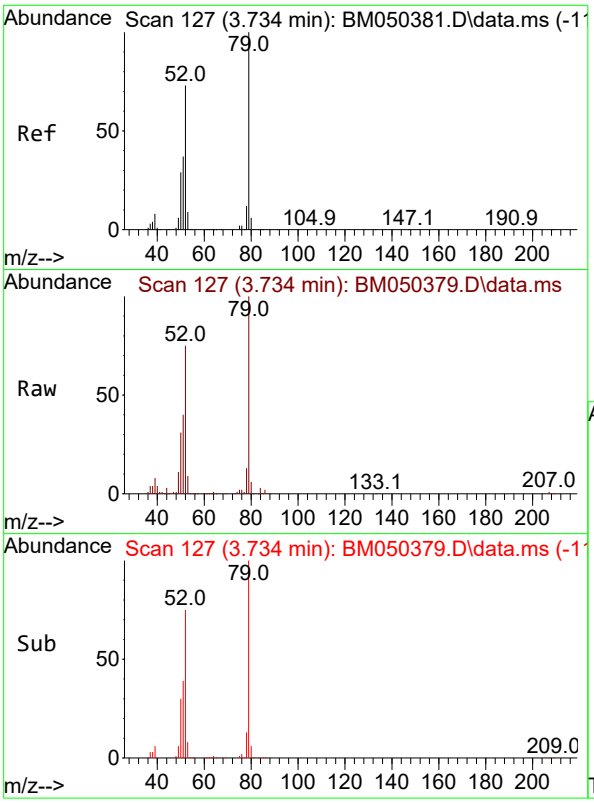


#2
1,4-Dioxane
Concen: 9.752 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 88 Resp: 84322

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



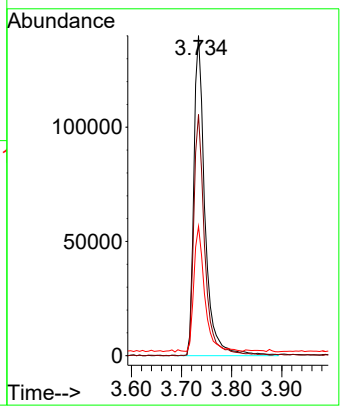


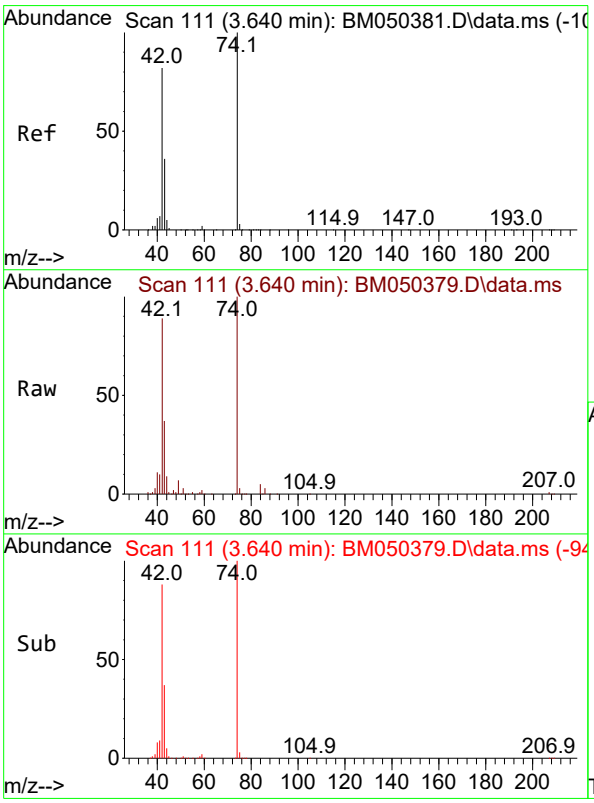
#3
Pyridine
Concen: 9.541 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 216596

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

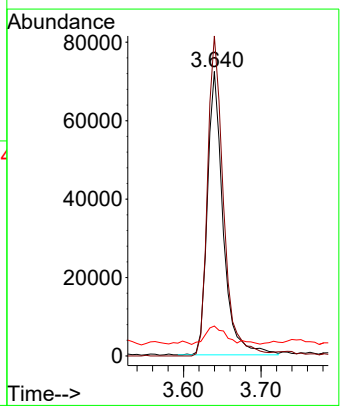


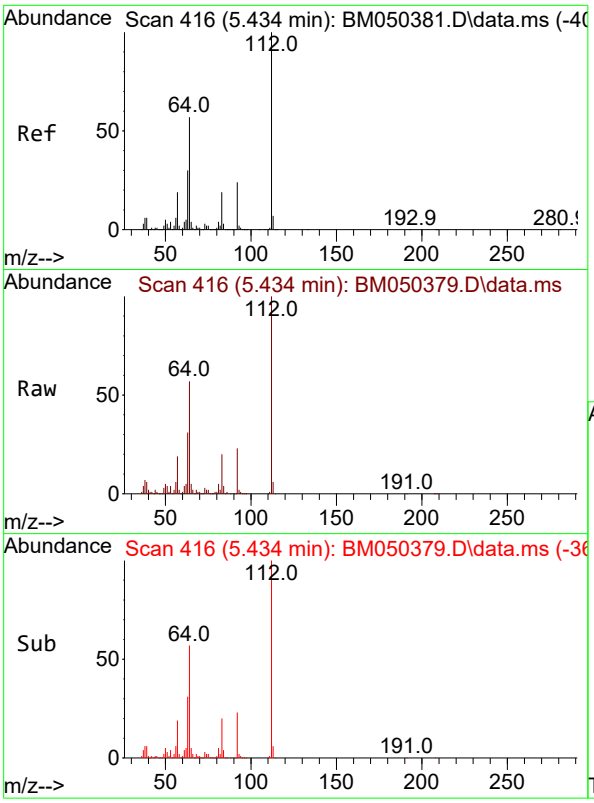


#4
n-Nitrosodimethylamine
Concen: 9.602 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 42 Resp: 101622

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



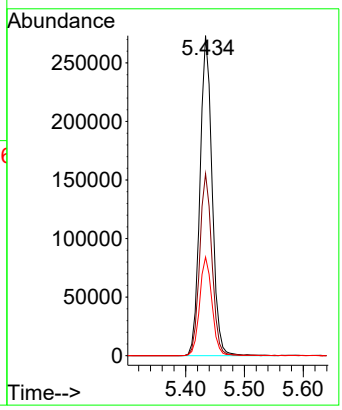


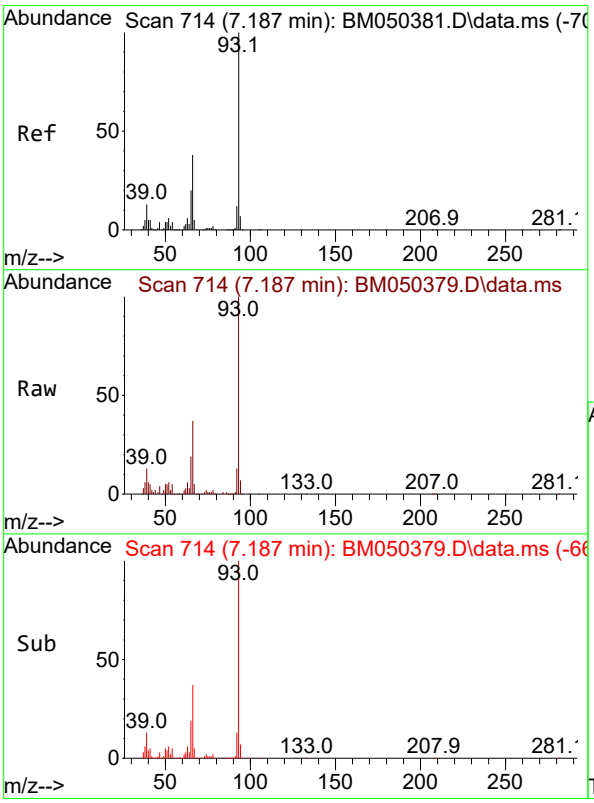
#5
2-Fluorophenol
Concen: 18.566 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 390415

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

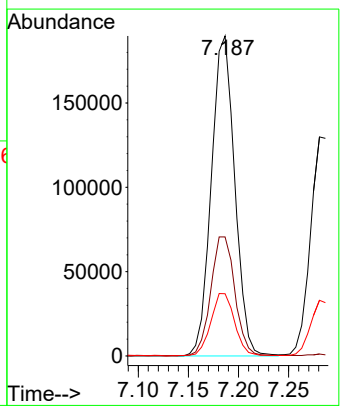


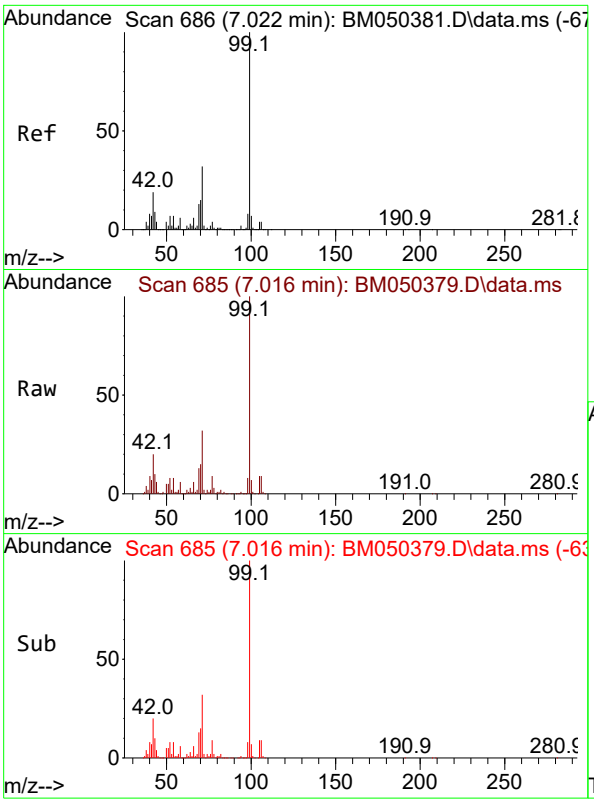


#6
Aniline
Concen: 9.054 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 308012

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



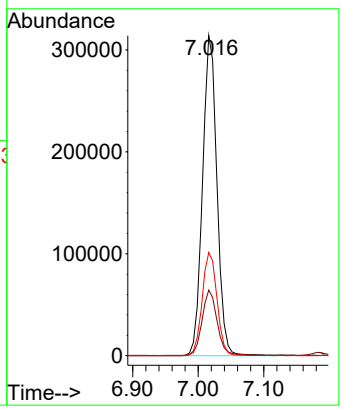


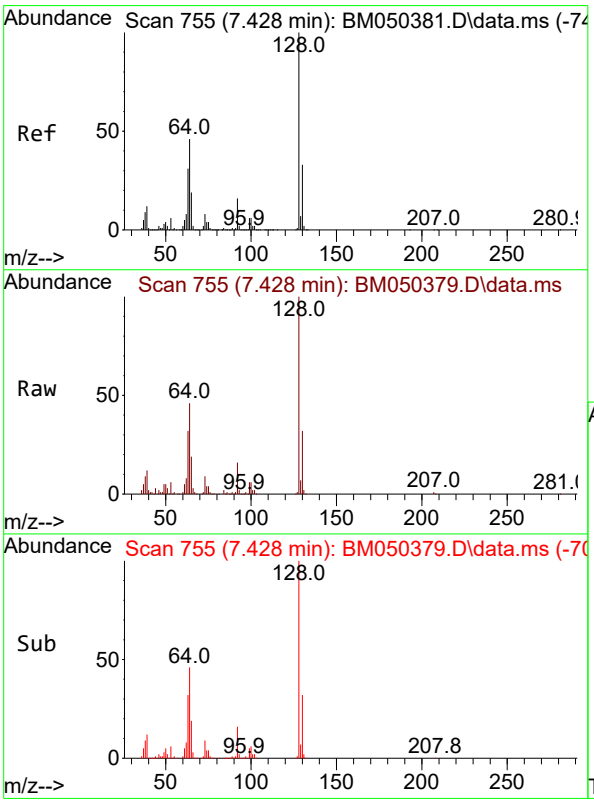
#7
Phenol-d6
Concen: 18.122 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 480384

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

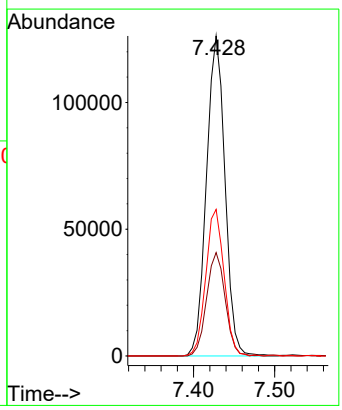


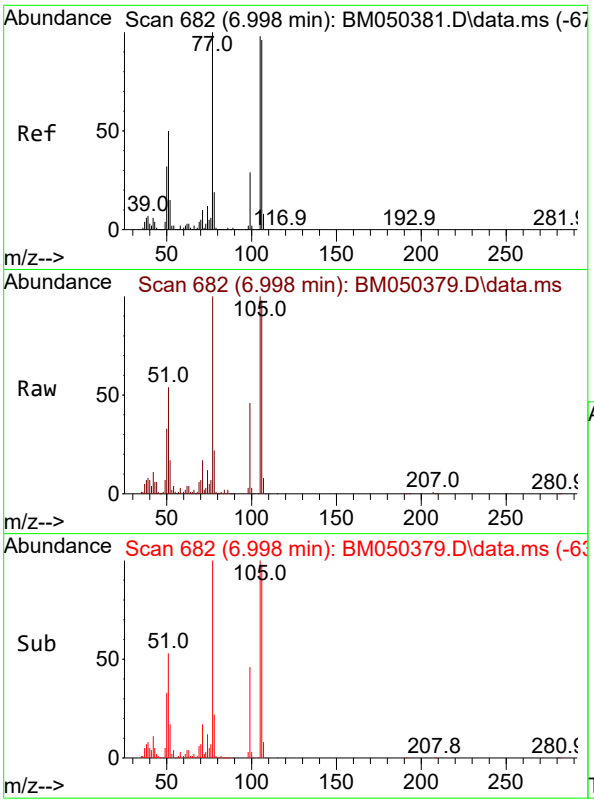


#8
2-Chlorophenol
Concen: 9.022 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:128 Resp: 200037

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



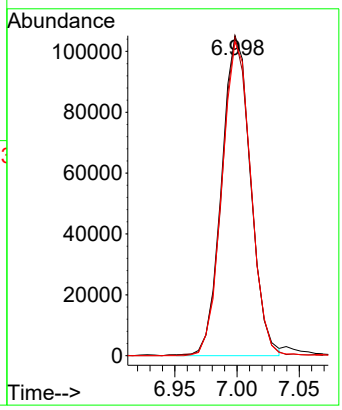


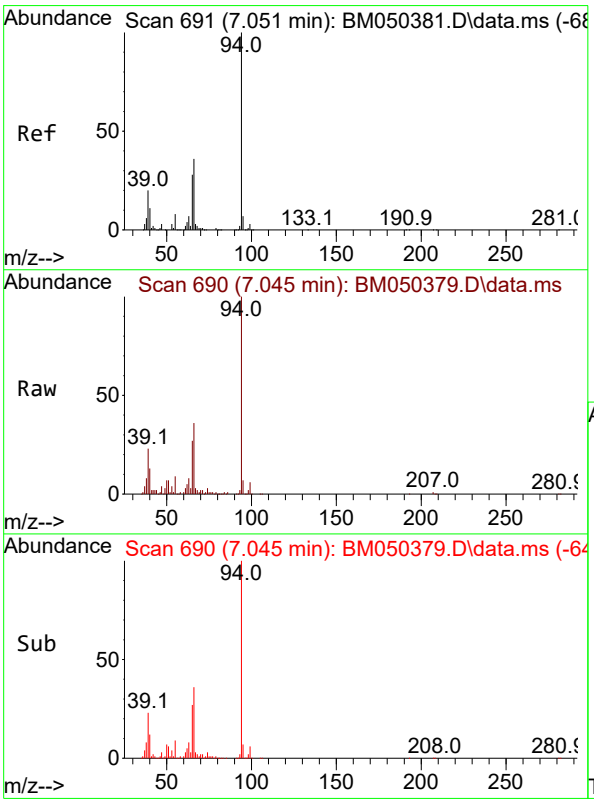
#9
Benzaldehyde
Concen: 10.835 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 170875

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

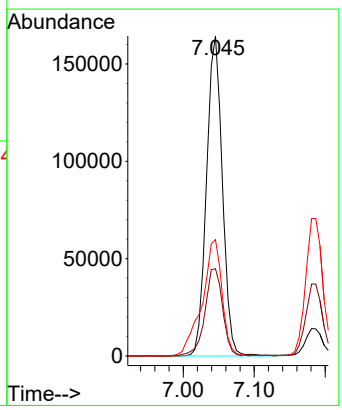


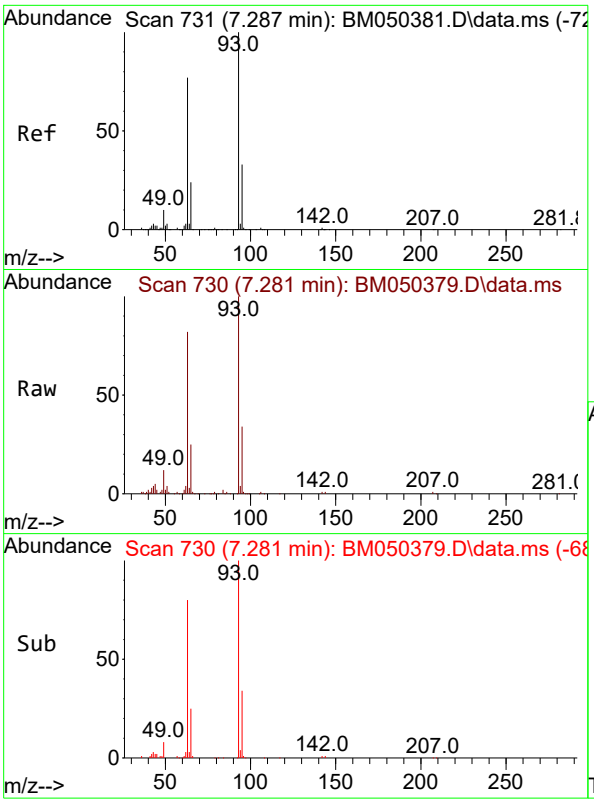


#10
Phenol
Concen: 9.242 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 94 Resp: 255531

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



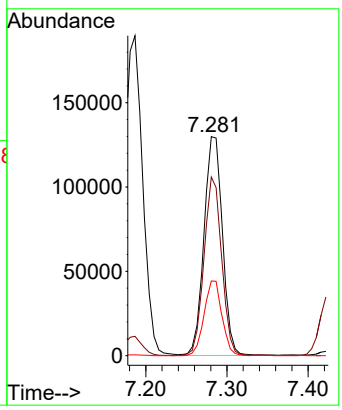


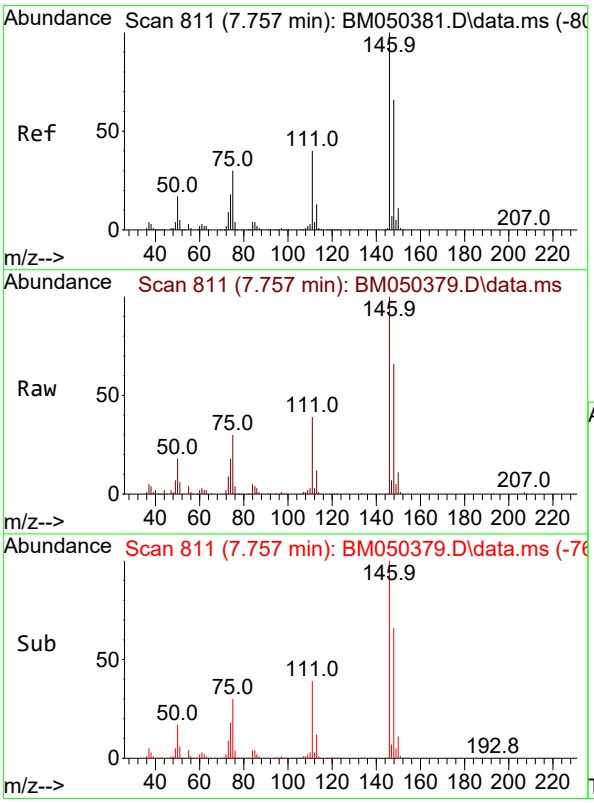
#11
bis(2-Chloroethyl)ether
Concen: 9.265 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 205153

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

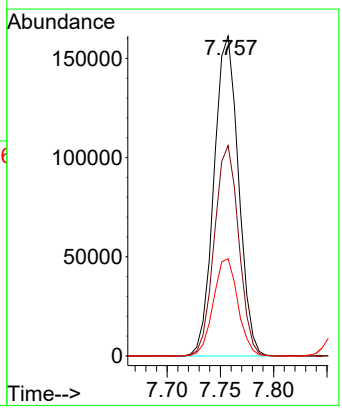


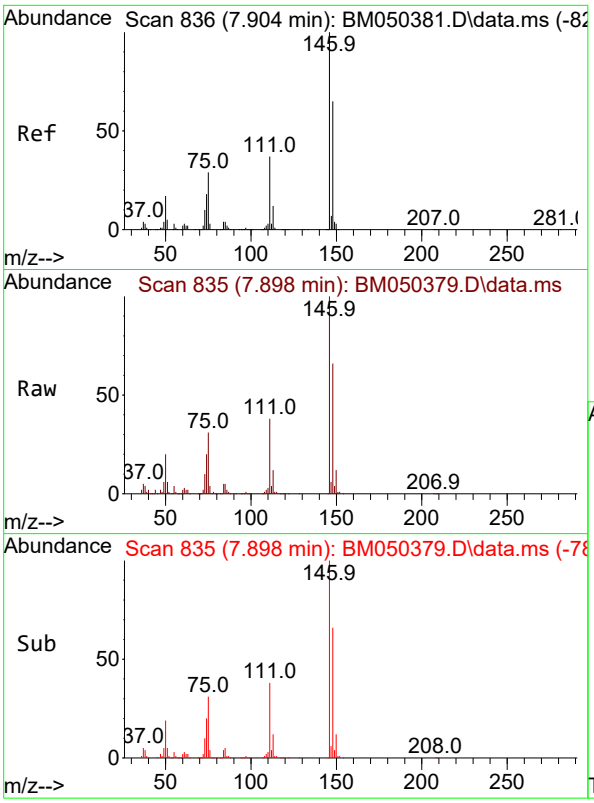


#12
1,3-Dichlorobenzene
Concen: 9.564 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 257848

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



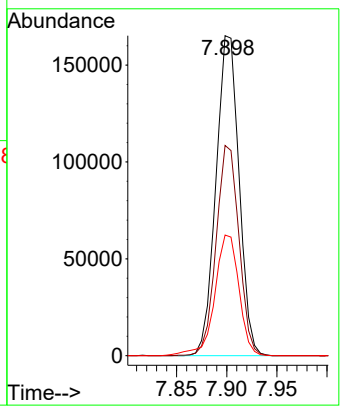


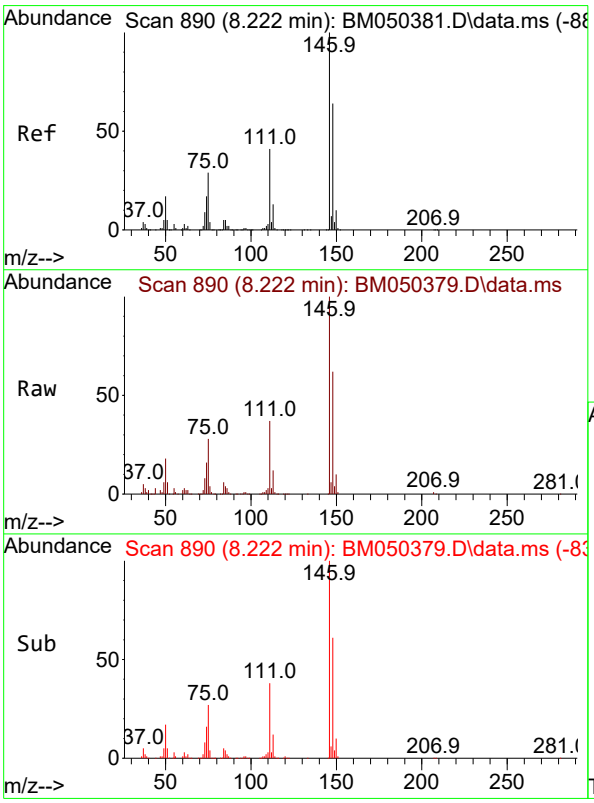
#13
1,4-Dichlorobenzene
Concen: 9.592 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 264062

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

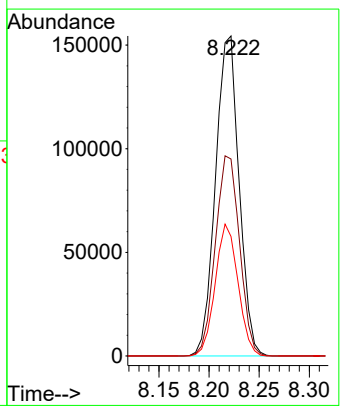


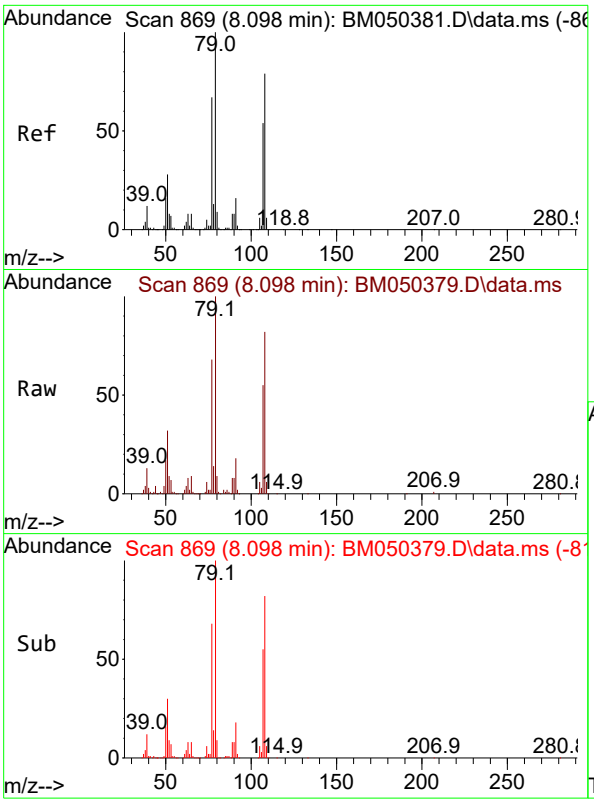


#14
1,2-Dichlorobenzene
Concen: 9.577 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:146 Resp: 252415

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



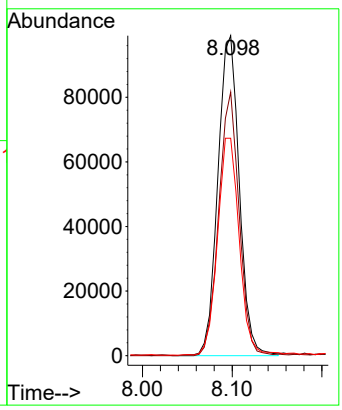


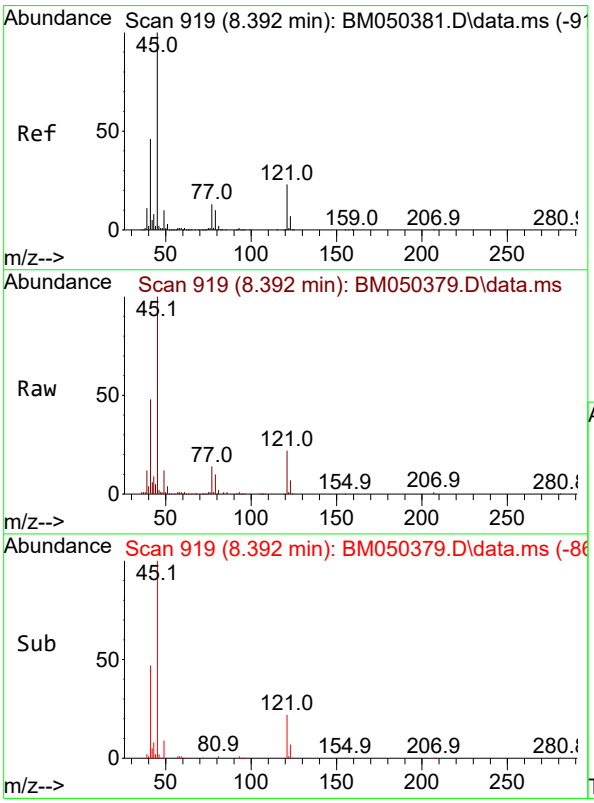
#15
Benzyl Alcohol
Concen: 8.790 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 164181

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

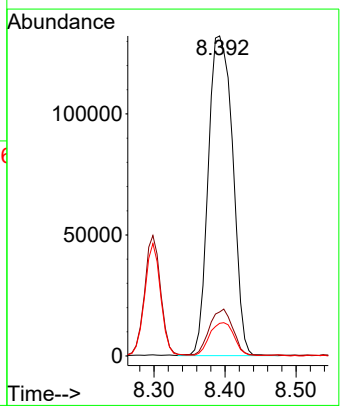


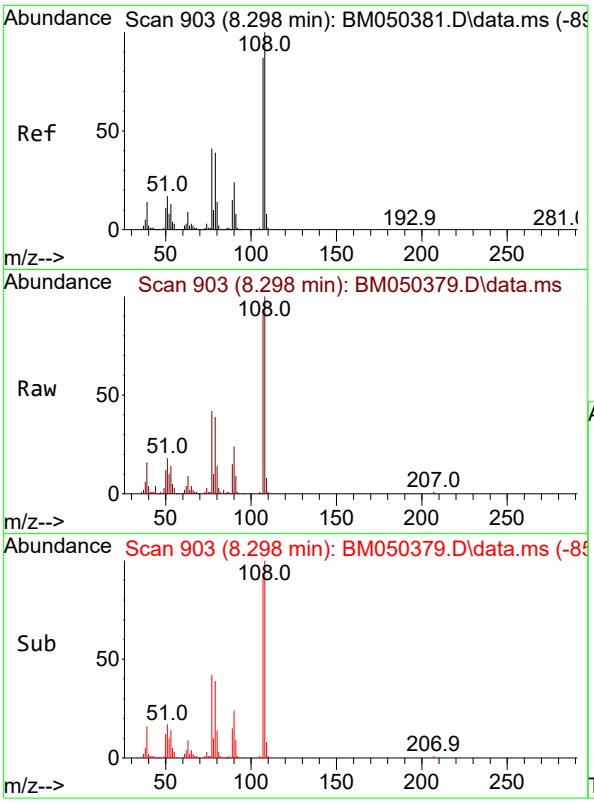


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.659 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 45 Resp: 315036

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



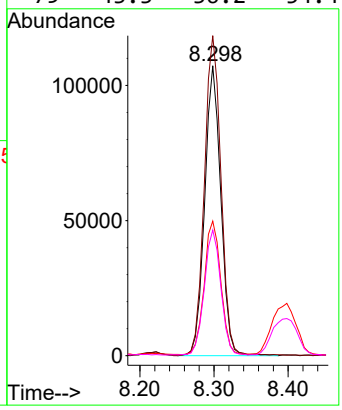


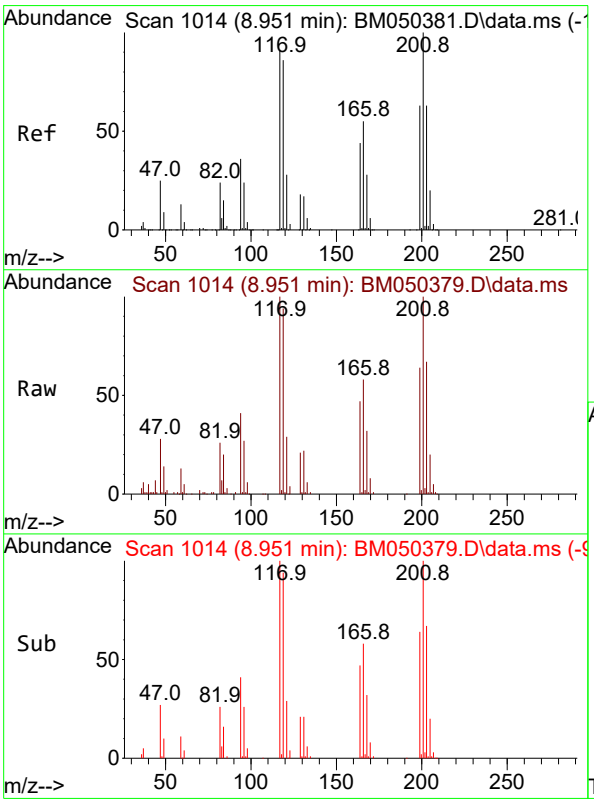
#17
2-Methylphenol
Concen: 9.067 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 162594

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

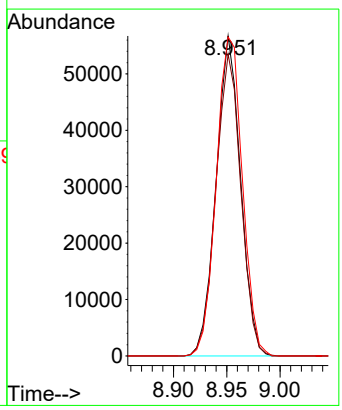


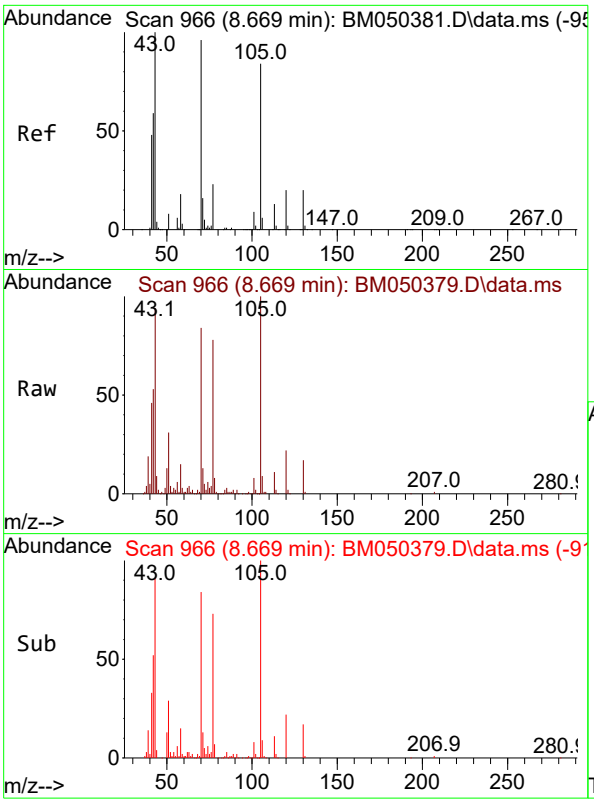


#18
Hexachloroethane
Concen: 9.370 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:117 Resp: 90719

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



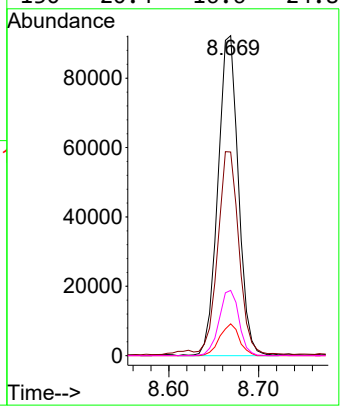


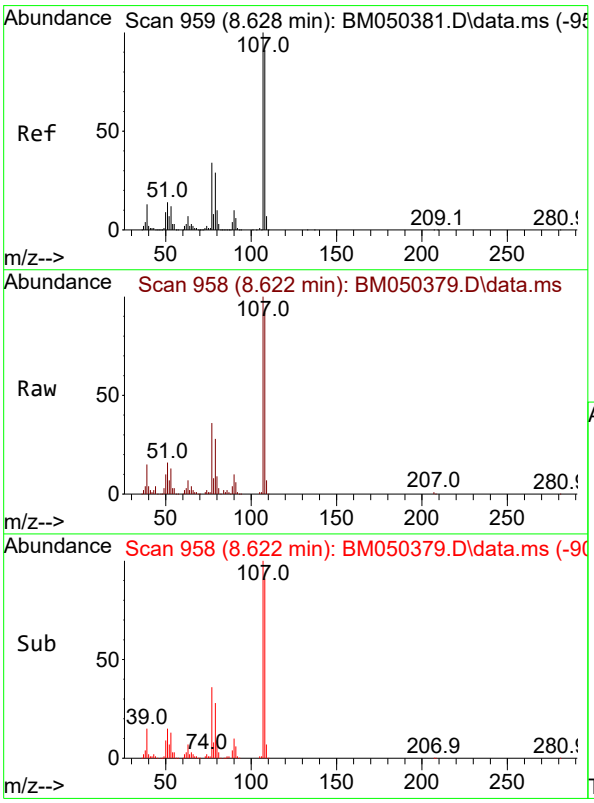
#19
n-Nitroso-di-n-propylamine
Concen: 9.106 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146225

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

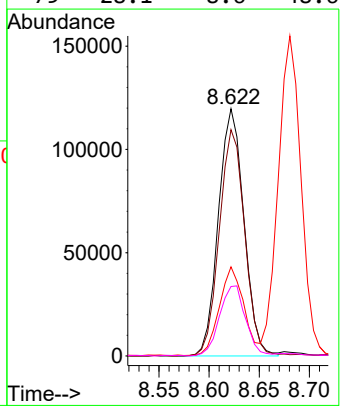


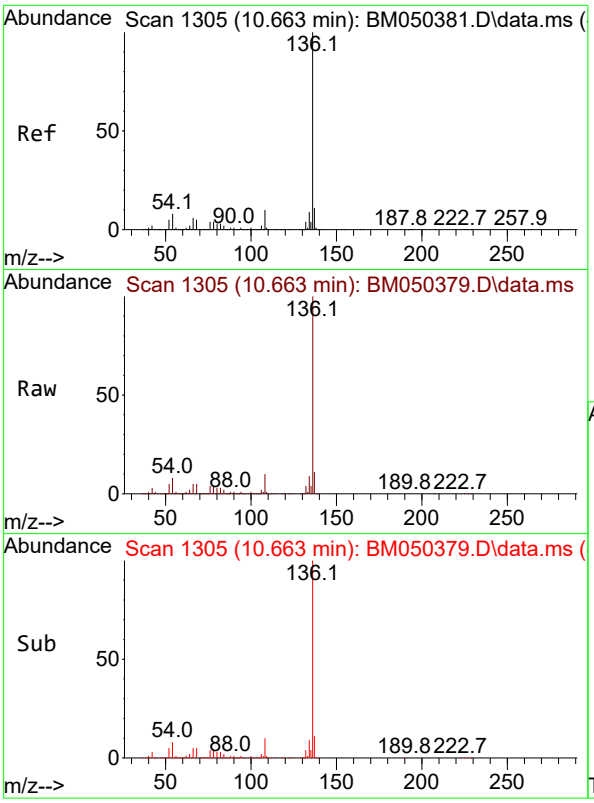


#20
3+4-Methylphenols
Concen: 8.798 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 211795

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



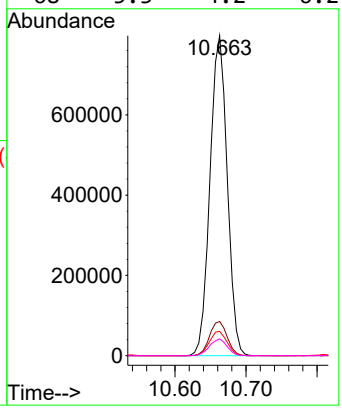


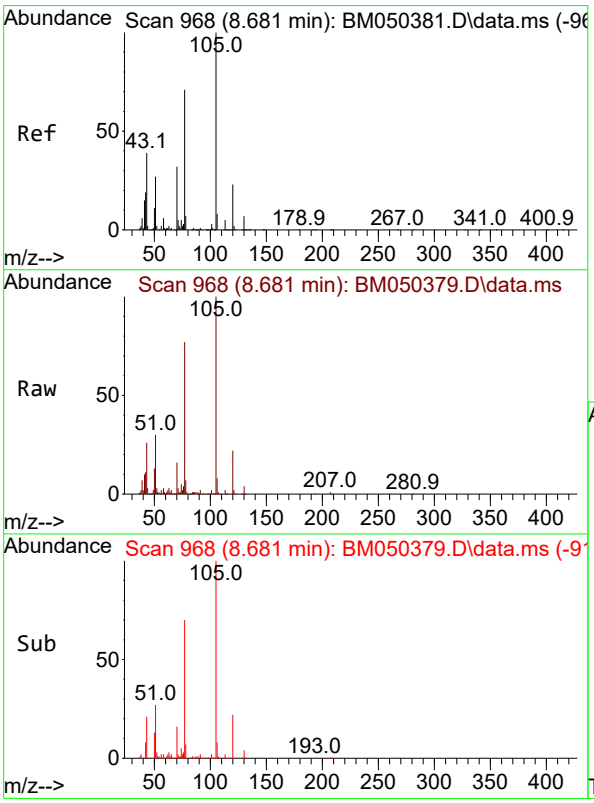
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1342132

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

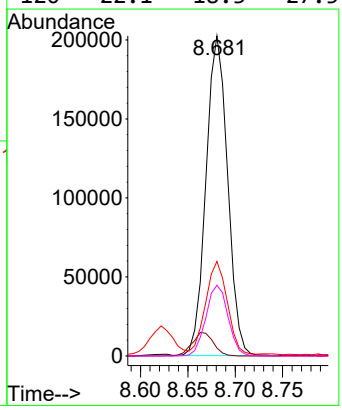


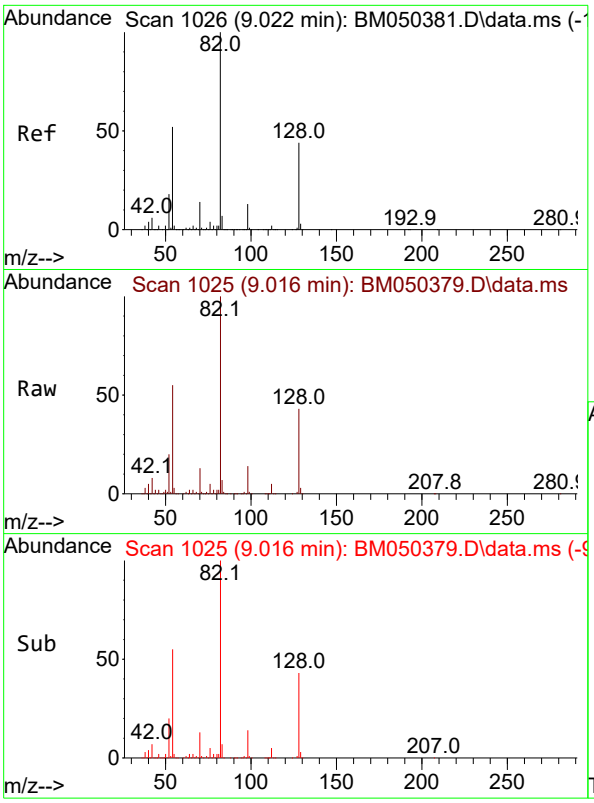


#22
Acetophenone
Concen: 9.576 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:105 Resp: 321333

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



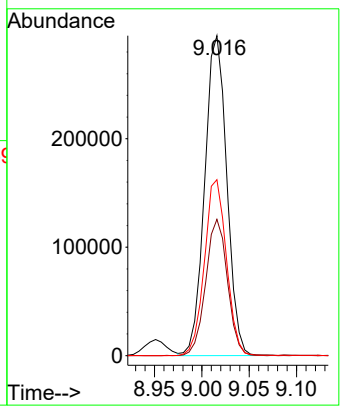


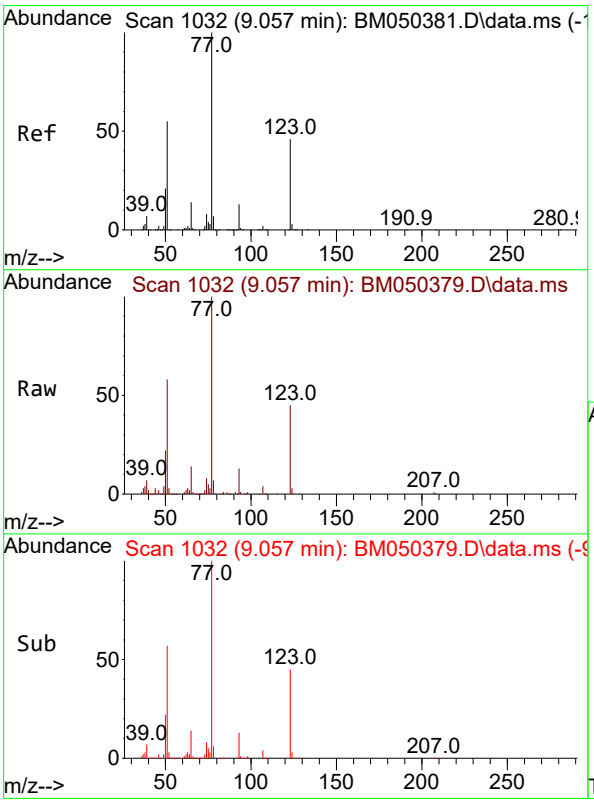
#23
Nitrobenzene-d5
Concen: 18.129 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 476926

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

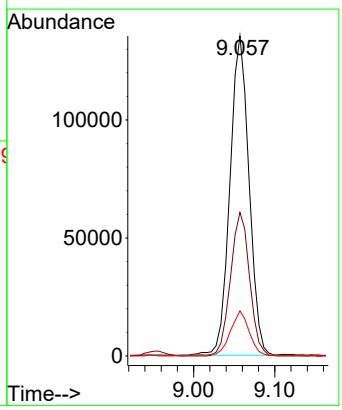


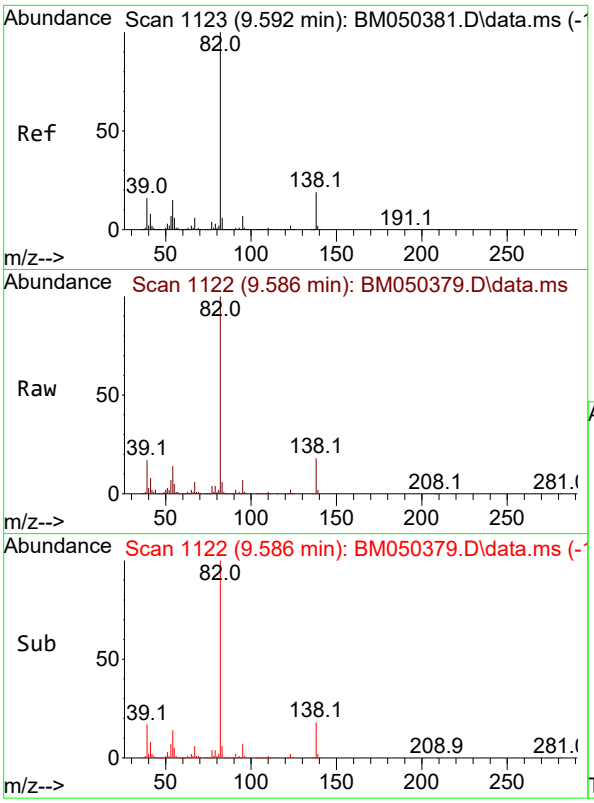


#24
Nitrobenzene
Concen: 9.408 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 77 Resp: 220849

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



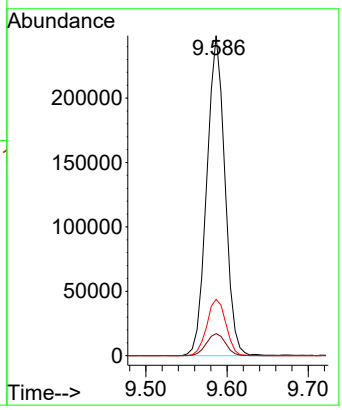


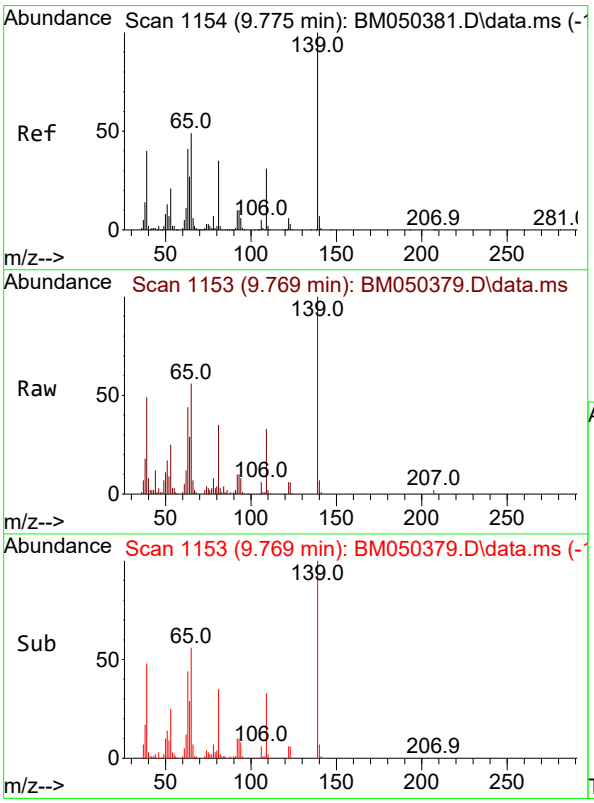
#25
Isophorone
Concen: 9.031 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 385498

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

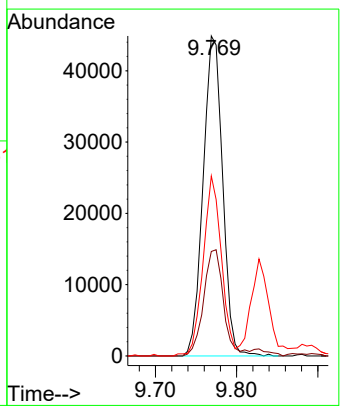


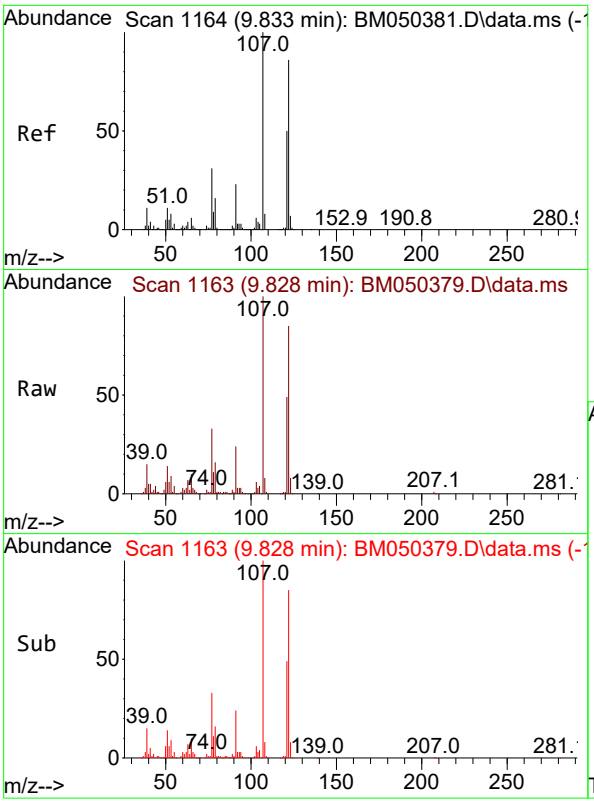


#26
2-Nitrophenol
Concen: 7.822 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 74836

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



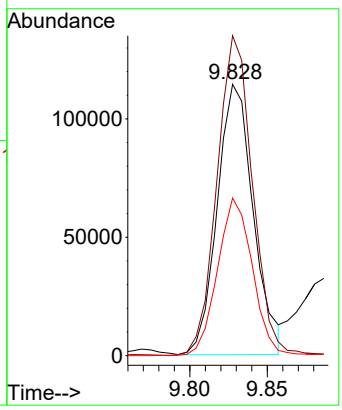


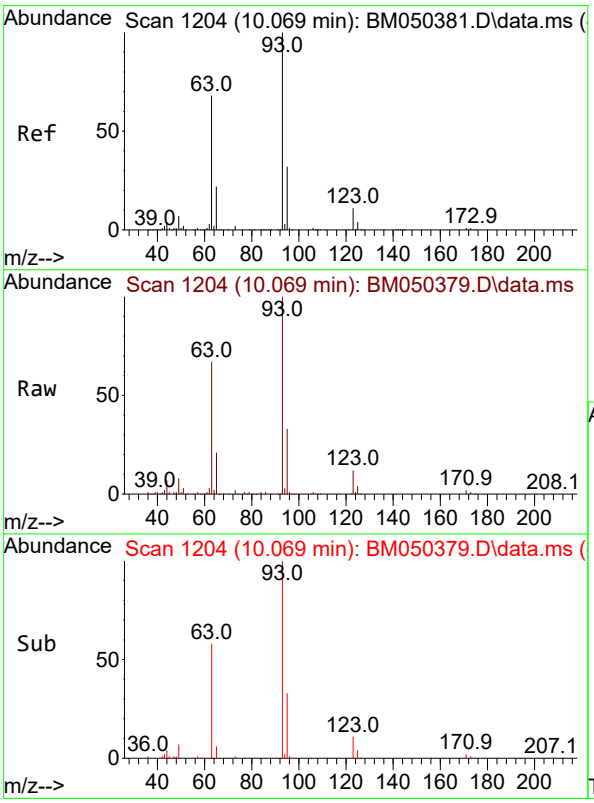
#27
2,4-Dimethylphenol
Concen: 9.073 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 184710

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

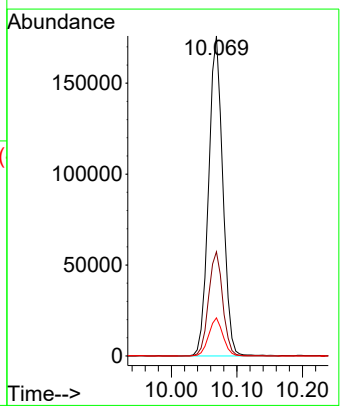


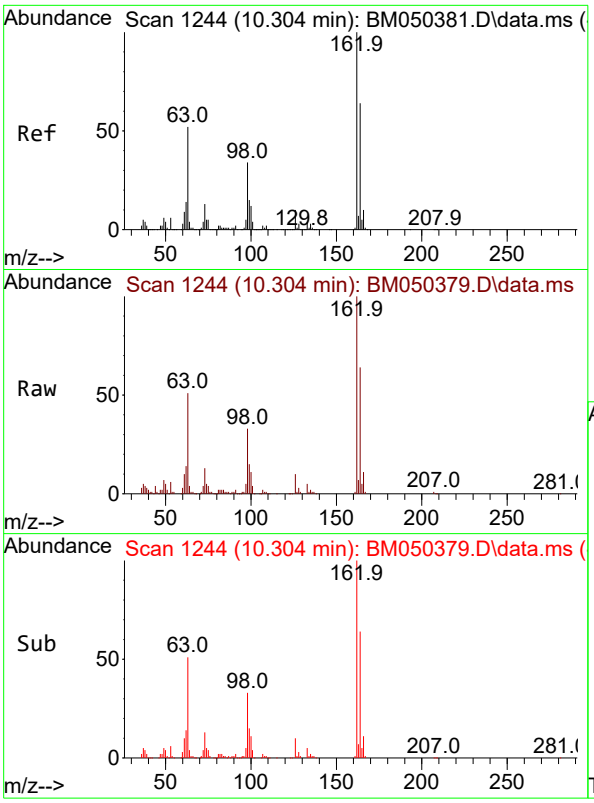


#28
bis(2-Chloroethoxy)methane
Concen: 9.361 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 93 Resp: 264798

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



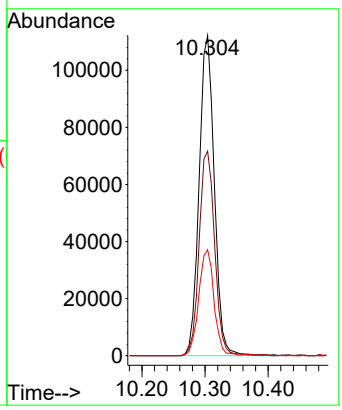


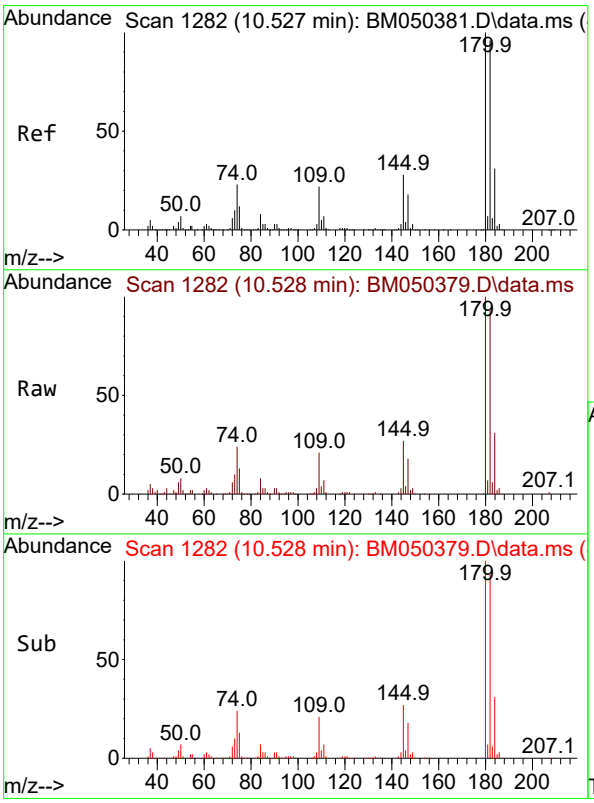
#29
2,4-Dichlorophenol
Concen: 8.961 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 187427

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

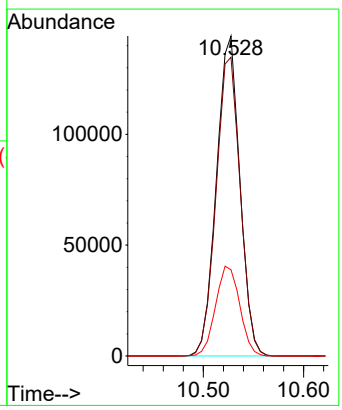


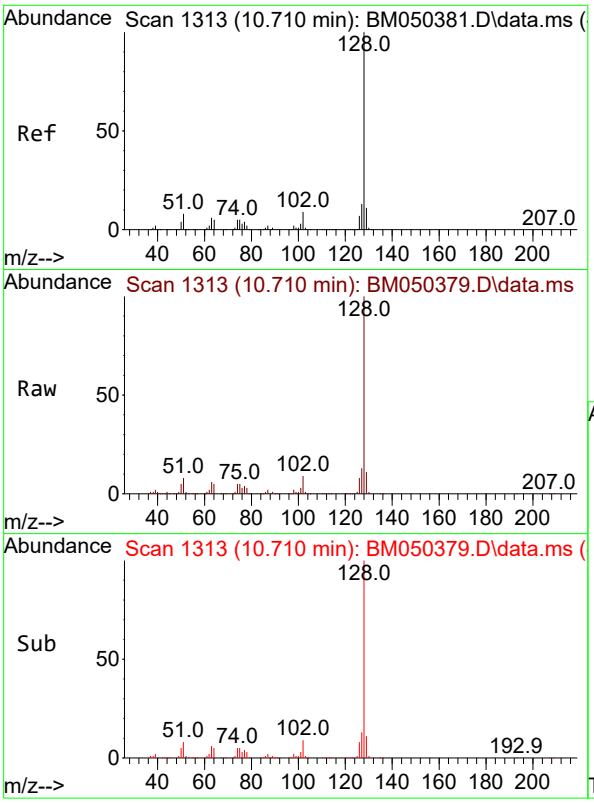


#30
1,2,4-Trichlorobenzene
Concen: 9.364 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:180 Resp: 234305

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



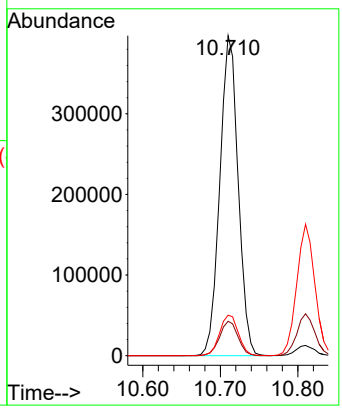


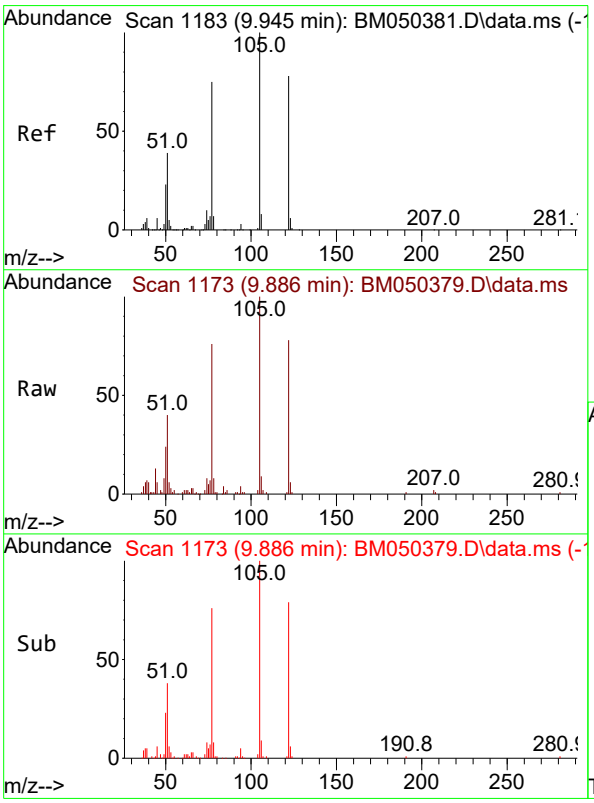
#31
Naphthalene
Concen: 9.593 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 653977

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

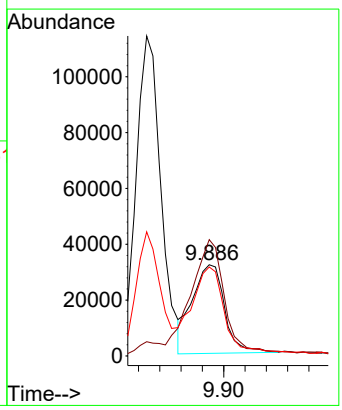


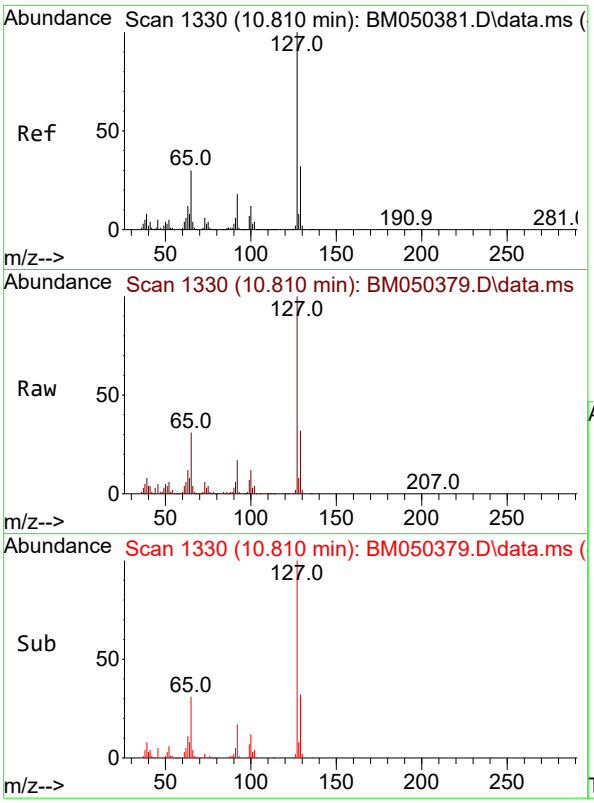


#32
Benzoic acid
Concen: 10.696 ng
RT: 9.886 min Scan# 1173
Delta R.T. -0.059 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:122 Resp: 67388

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



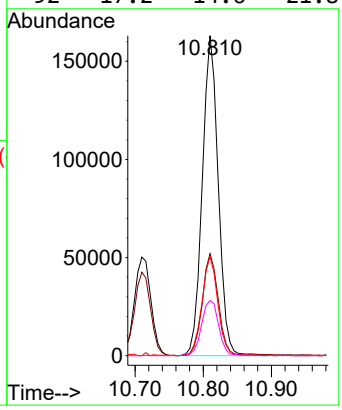


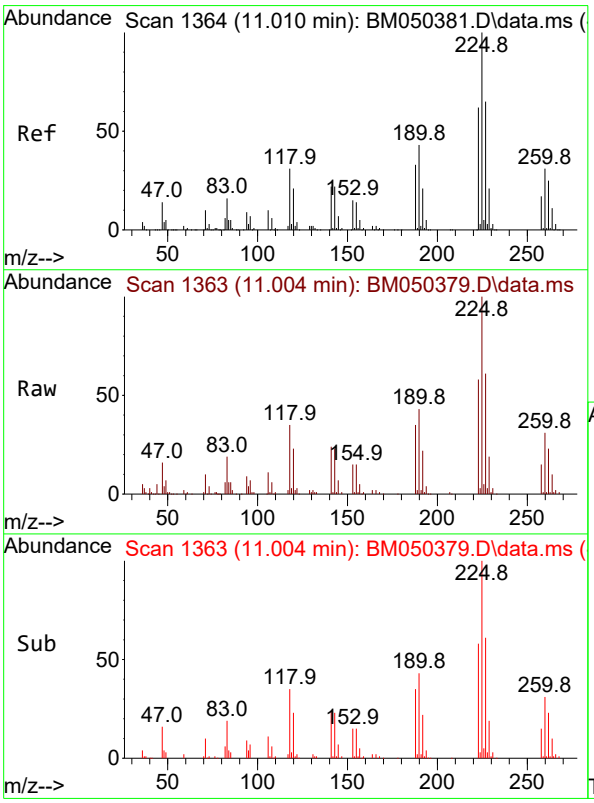
#33
4-Chloroaniline
Concen: 9.240 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 266307

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

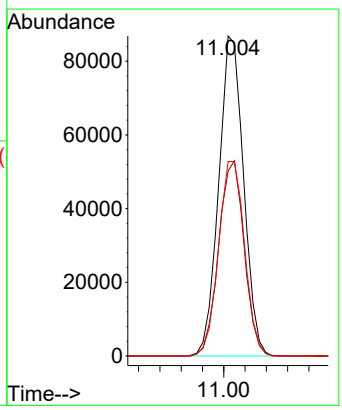


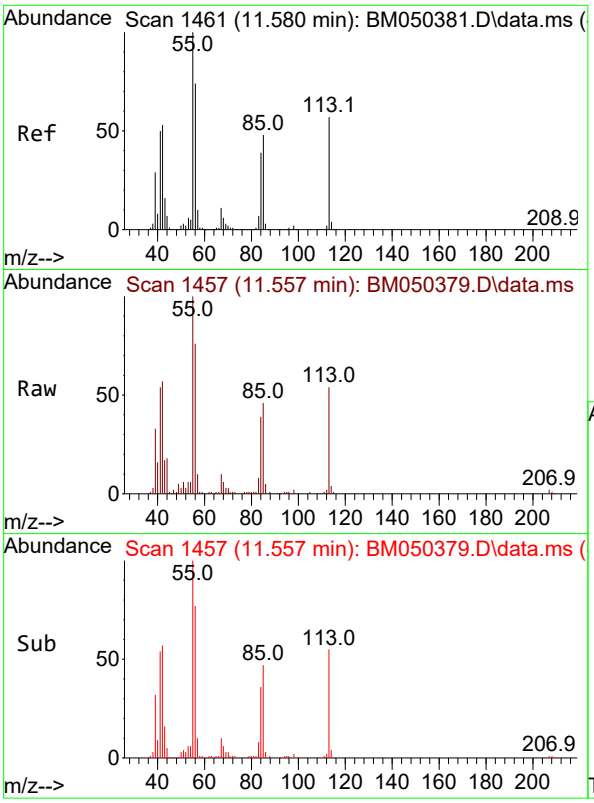


#34
Hexachlorobutadiene
Concen: 9.205 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:225 Resp: 140567

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



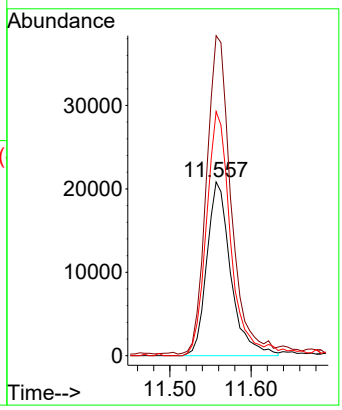


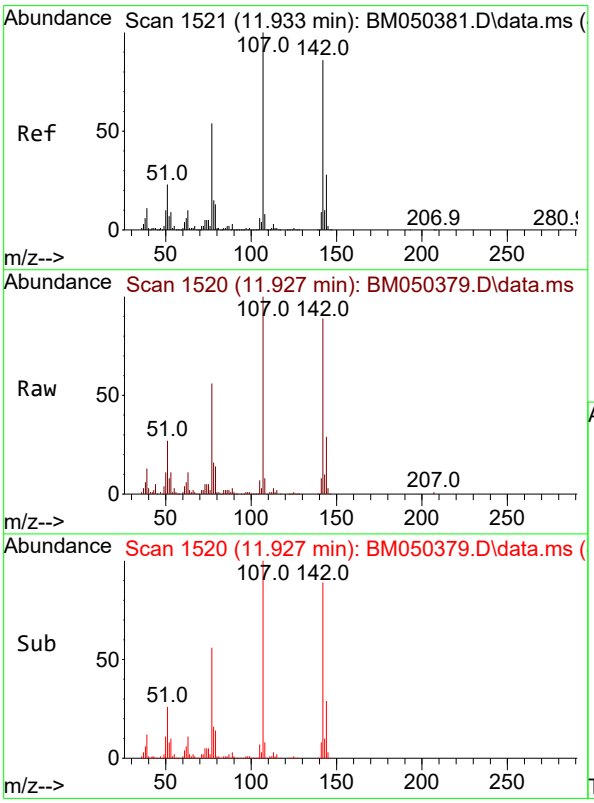
#35
Caprolactam
Concen: 7.474 ng
RT: 11.557 min Scan# 14
Delta R.T. -0.023 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 42675

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

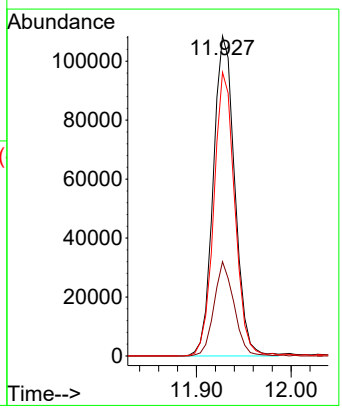


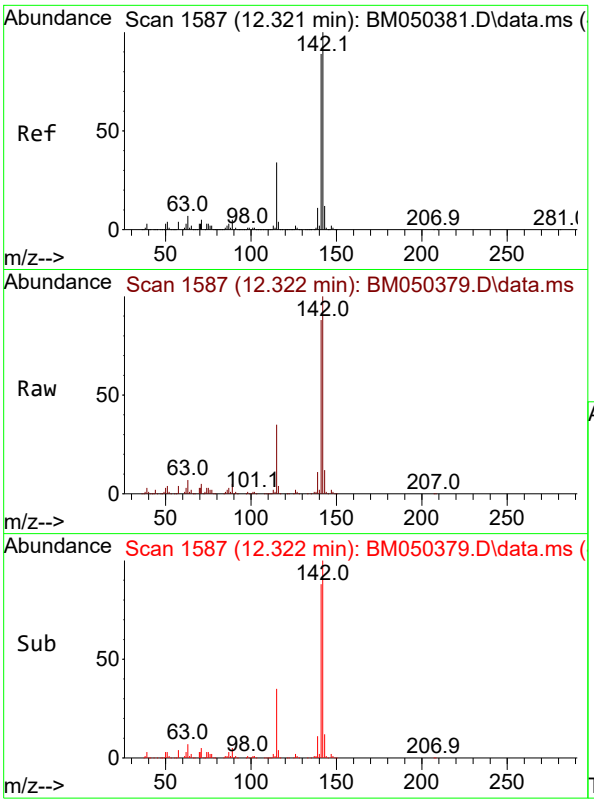


#36
4-Chloro-3-methylphenol
Concen: 8.781 ng
RT: 11.927 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:107 Resp: 171511

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



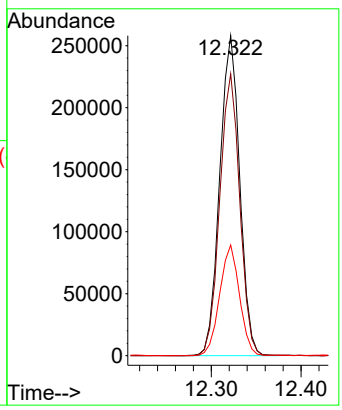


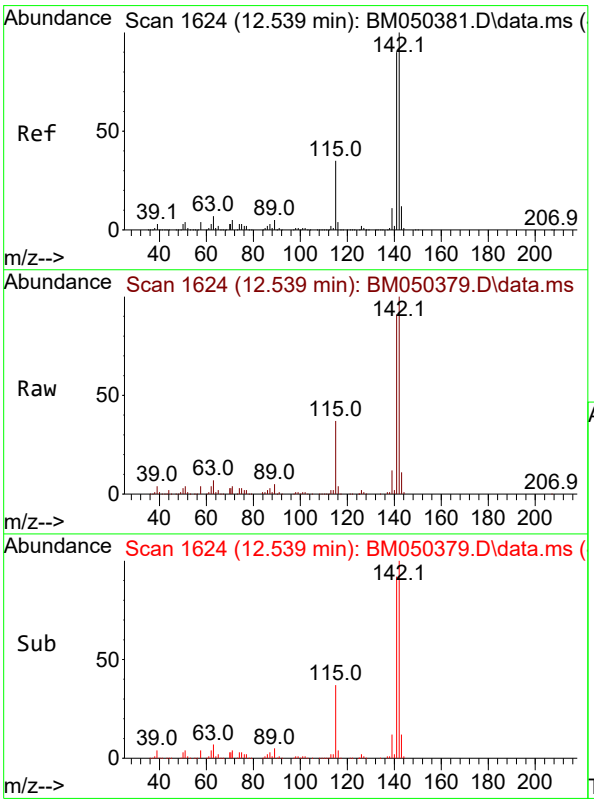
#37
2-Methylnaphthalene
Concen: 9.283 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 399569

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

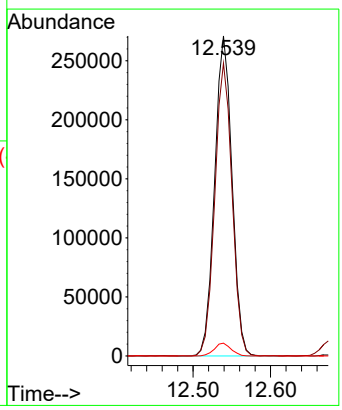


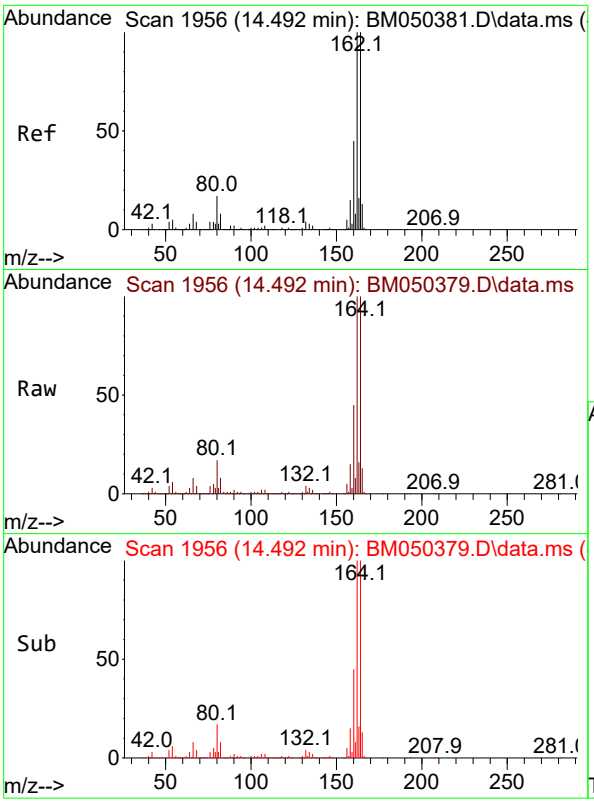


#38
1-Methylnaphthalene
Concen: 9.267 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:142 Resp: 422148

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



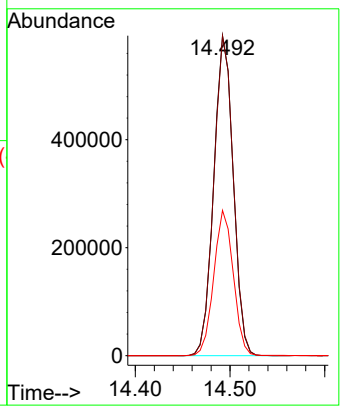


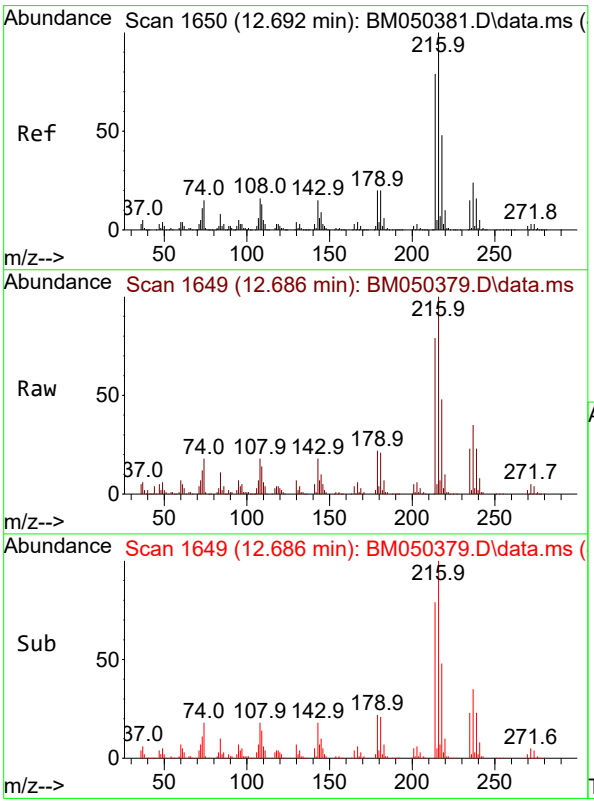
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 846249

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

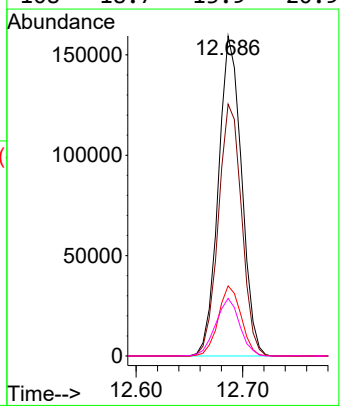


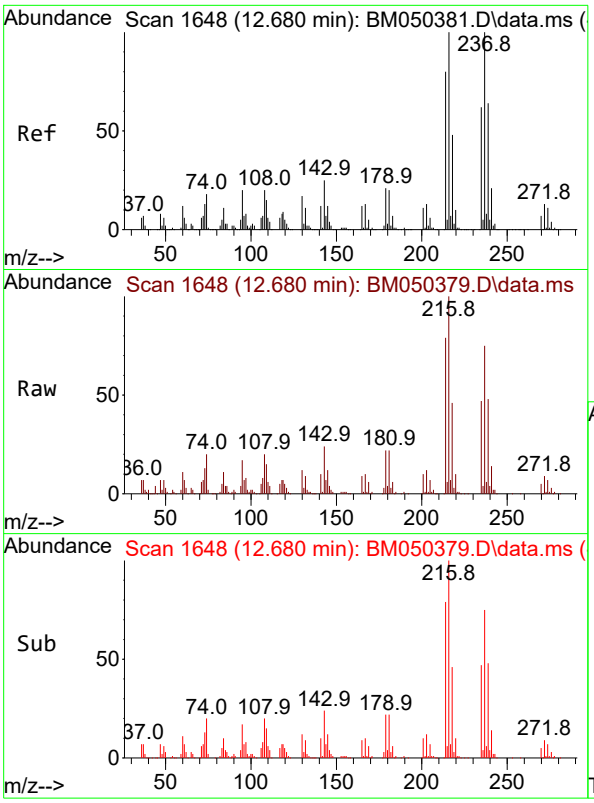


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.952 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:216 Resp: 240904

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



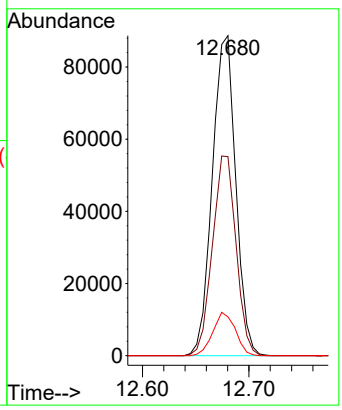


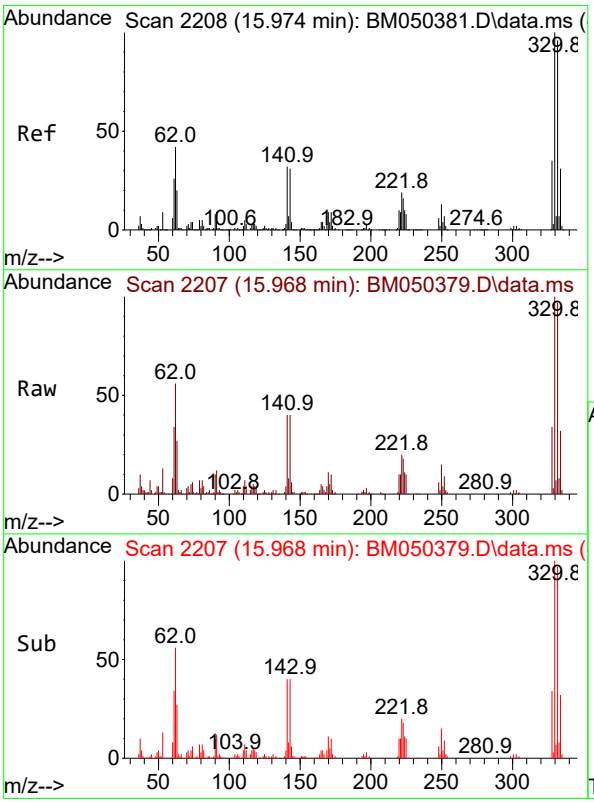
#41
Hexachlorocyclopentadiene
Concen: 7.881 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 135571

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

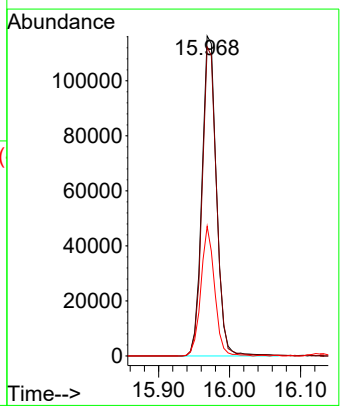


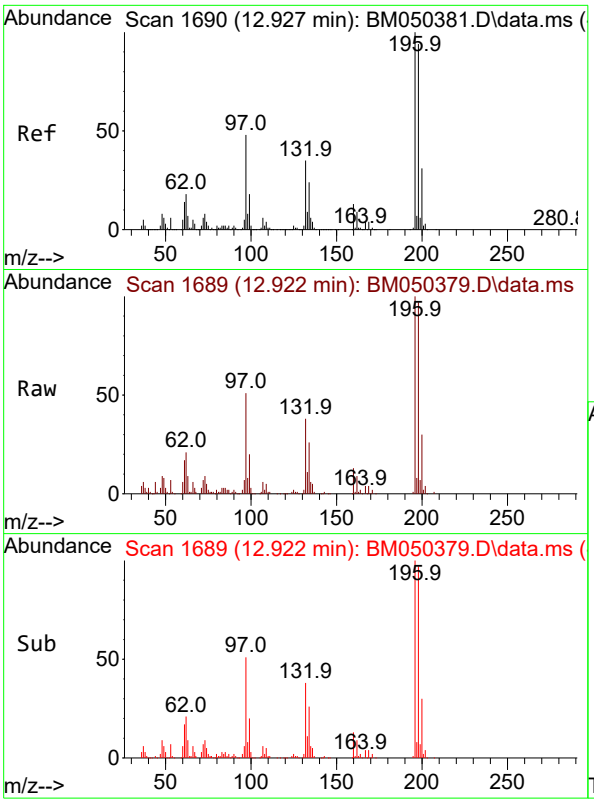


#42
2,4,6-Tribromophenol
Concen: 16.086 ng
RT: 15.968 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:330 Resp: 165401

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



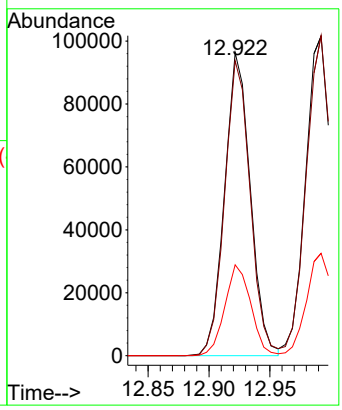


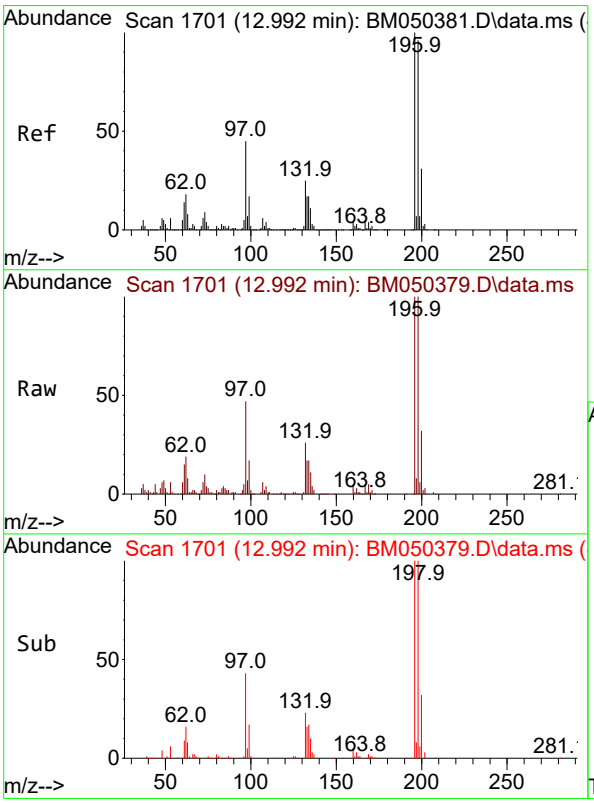
#43
2,4,6-Trichlorophenol
Concen: 8.560 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 141791

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

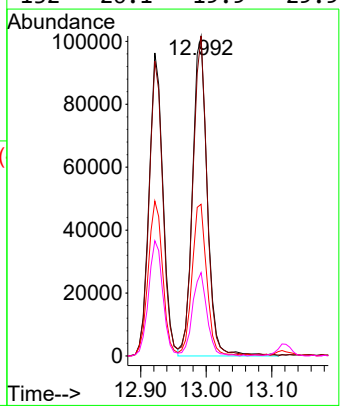


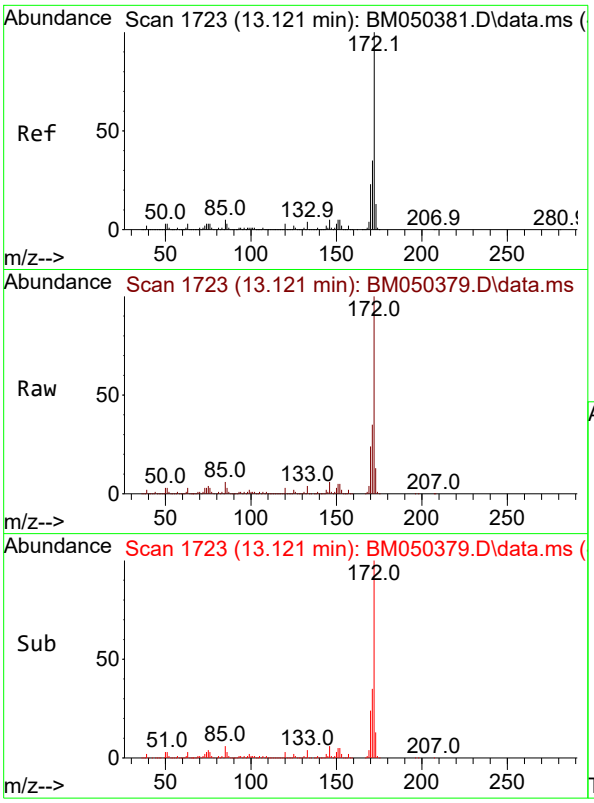


#44
2,4,5-Trichlorophenol
Concen: 8.792 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:196 Resp: 159049

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



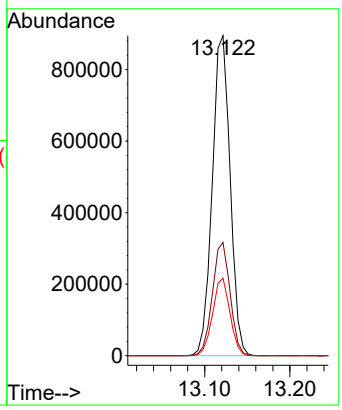


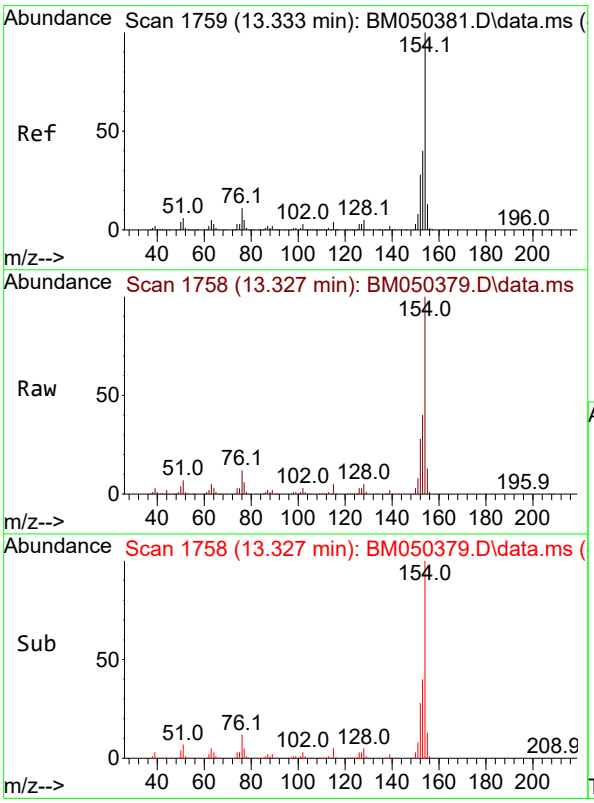
#45
2-Fluorobiphenyl
Concen: 18.996 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1301714

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

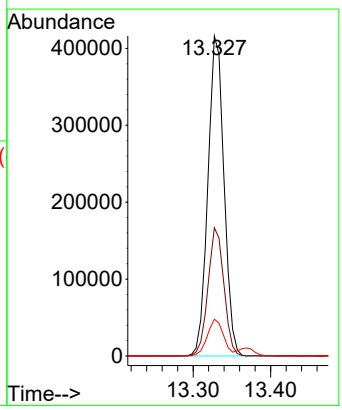


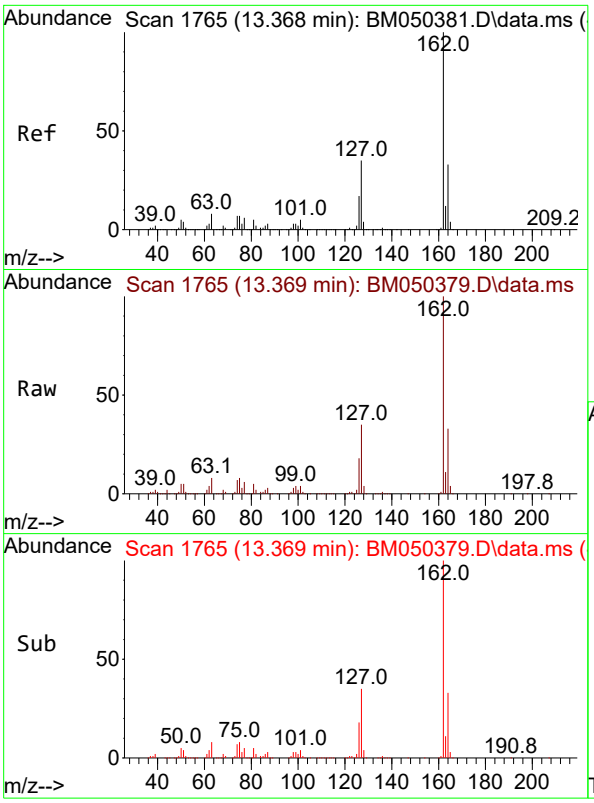


#46
1,1'-Biphenyl
Concen: 9.562 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 600373

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



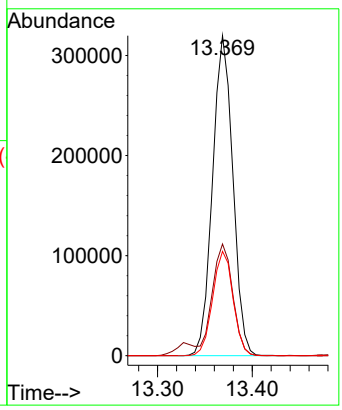


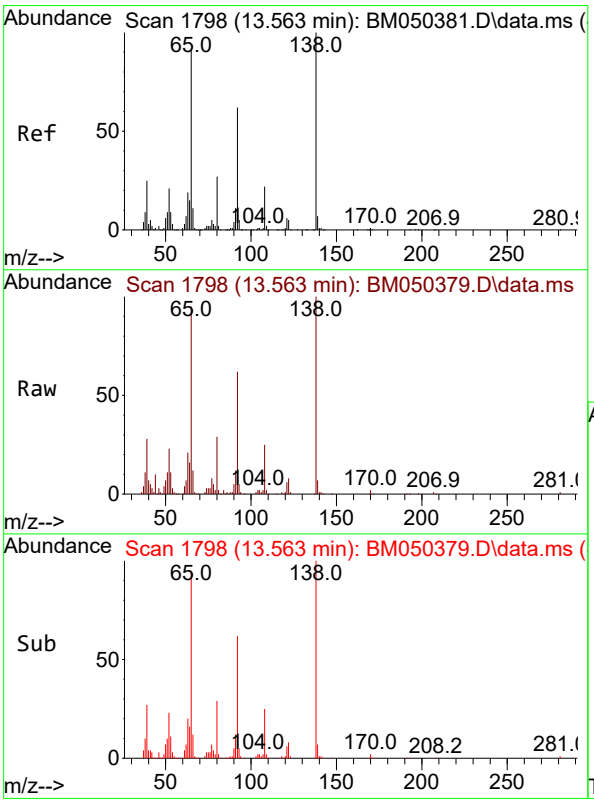
#47
2-Chloronaphthalene
Concen: 9.519 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 476534

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

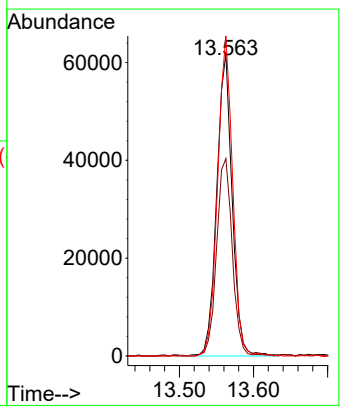


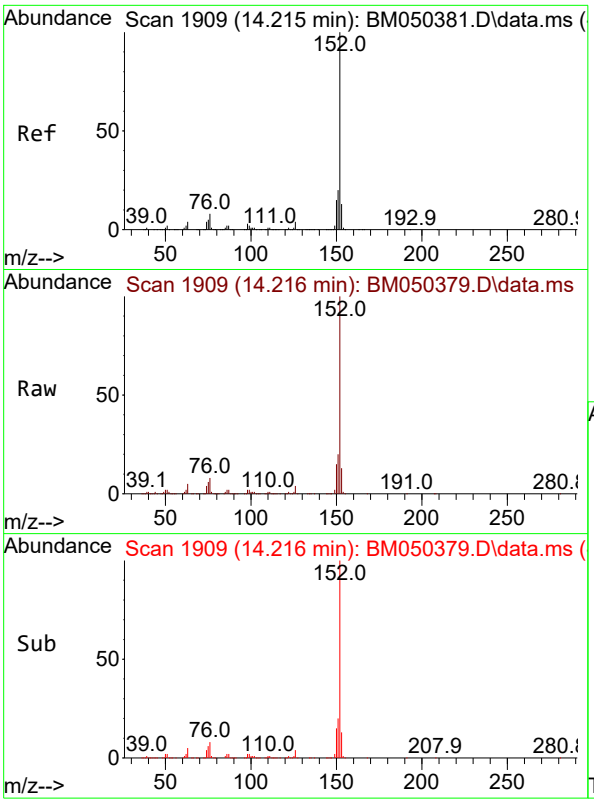


#48
2-Nitroaniline
Concen: 7.982 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion: 65 Resp: 89190

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



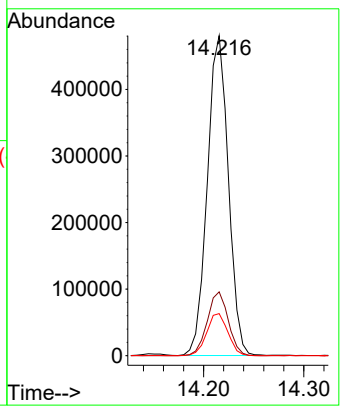


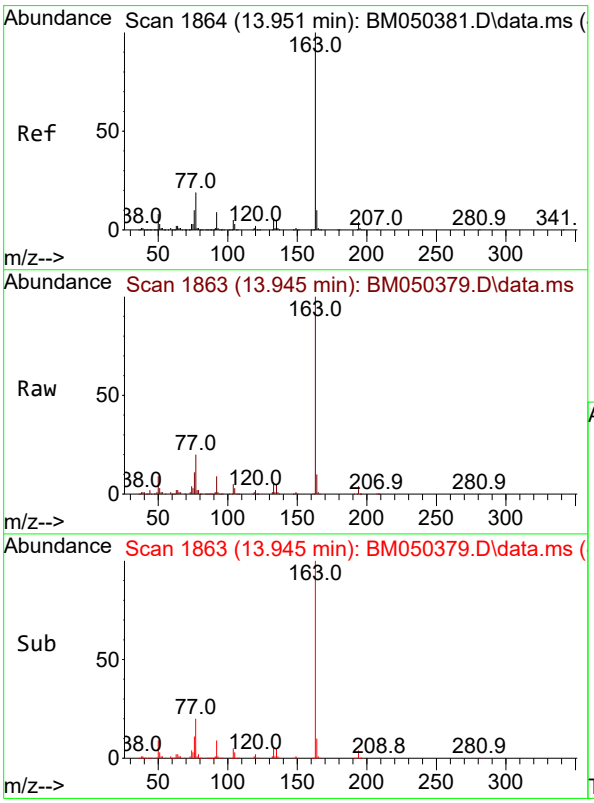
#49
Acenaphthylene
Concen: 9.273 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 701534

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

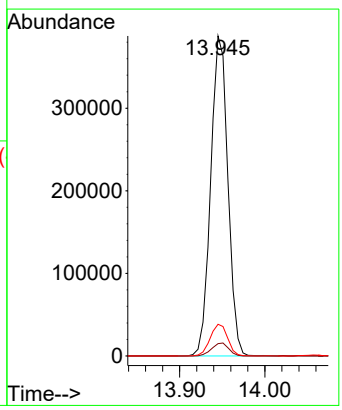


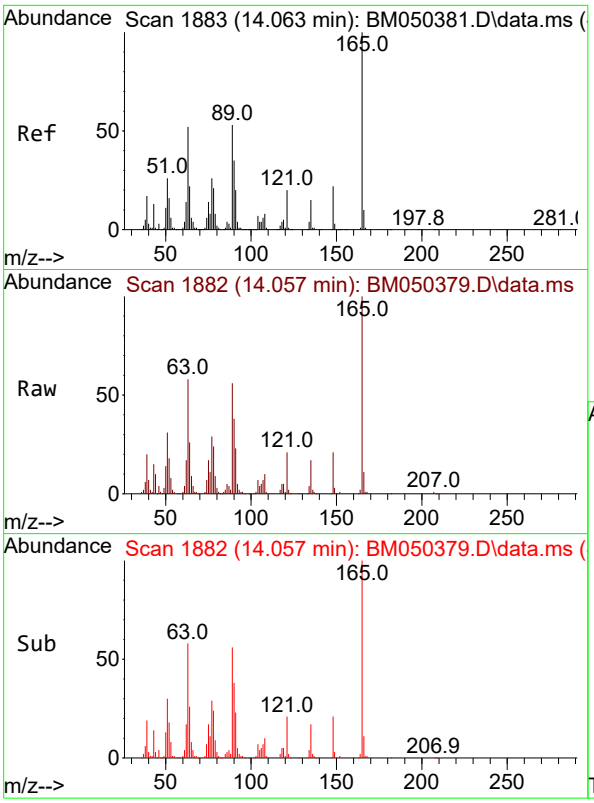


#50
Dimethylphthalate
Concen: 9.331 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:163 Resp: 543665

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



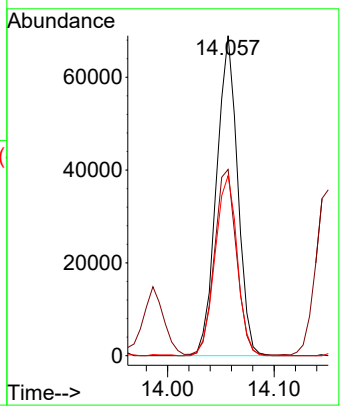


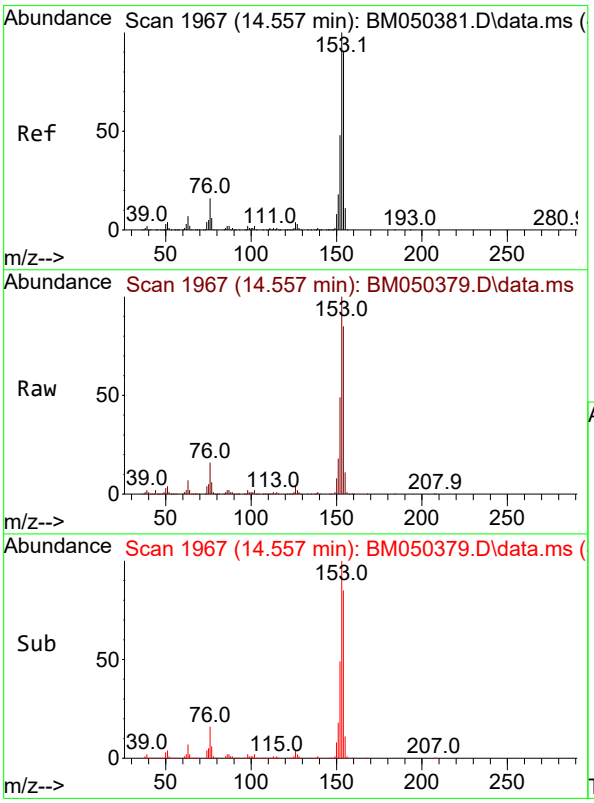
#51
2,6-Dinitrotoluene
Concen: 8.468 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 94728

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

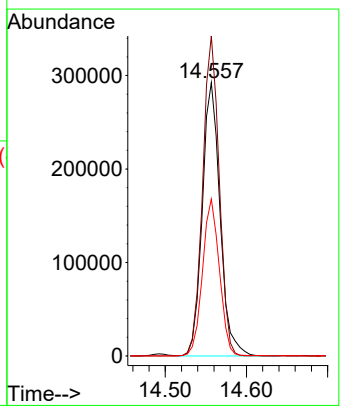


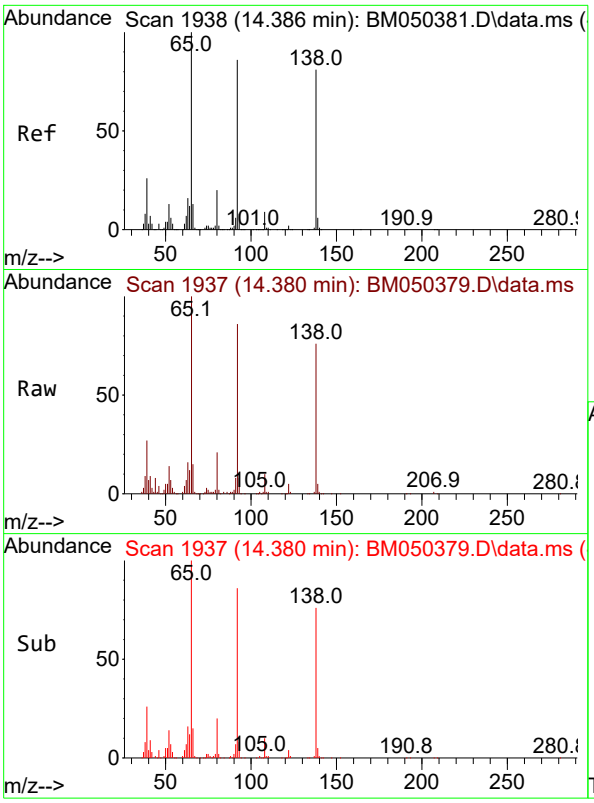


#52
Acenaphthene
Concen: 9.236 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:154 Resp: 444228

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



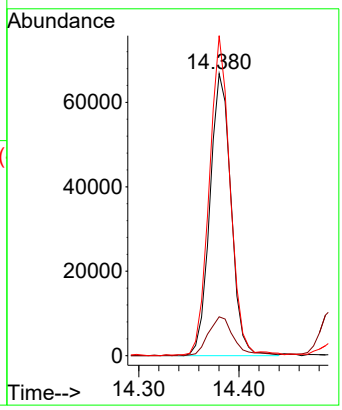


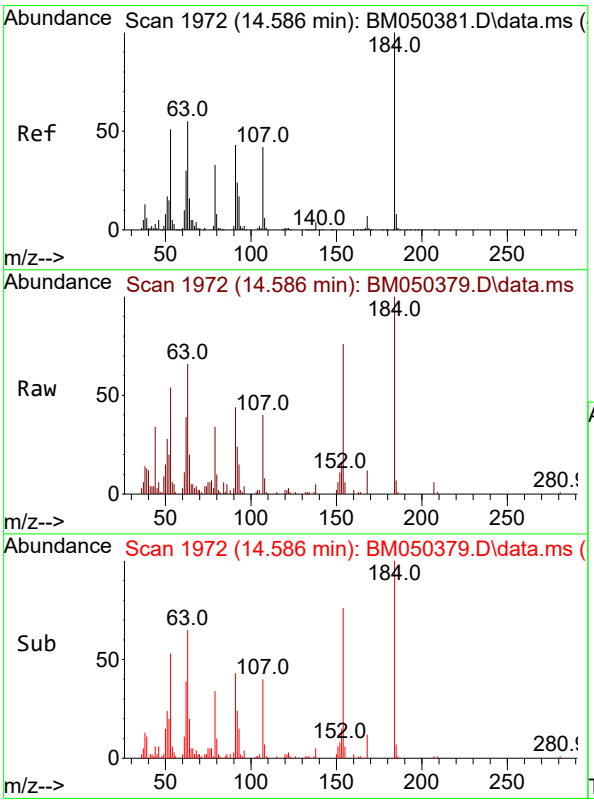
#53
3-Nitroaniline
Concen: 8.223 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 97828

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

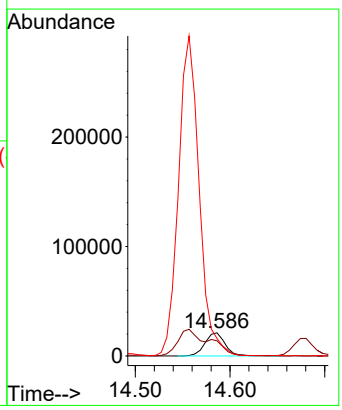


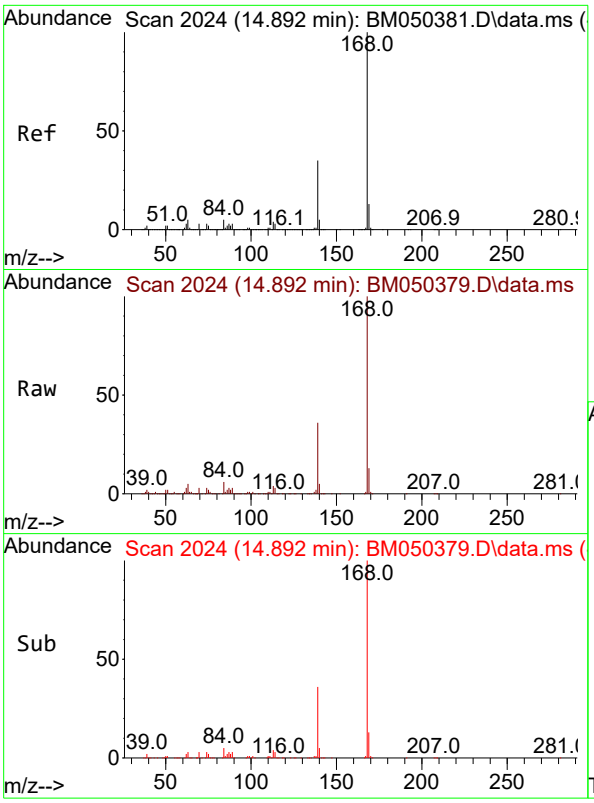


#54
2,4-Dinitrophenol
Concen: 11.045 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:184 Resp: 31123

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



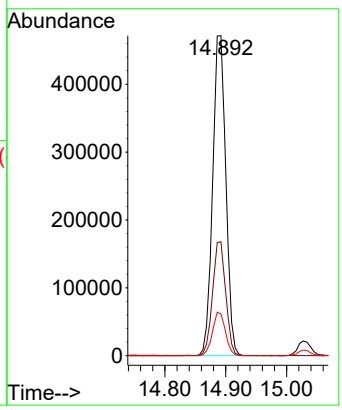


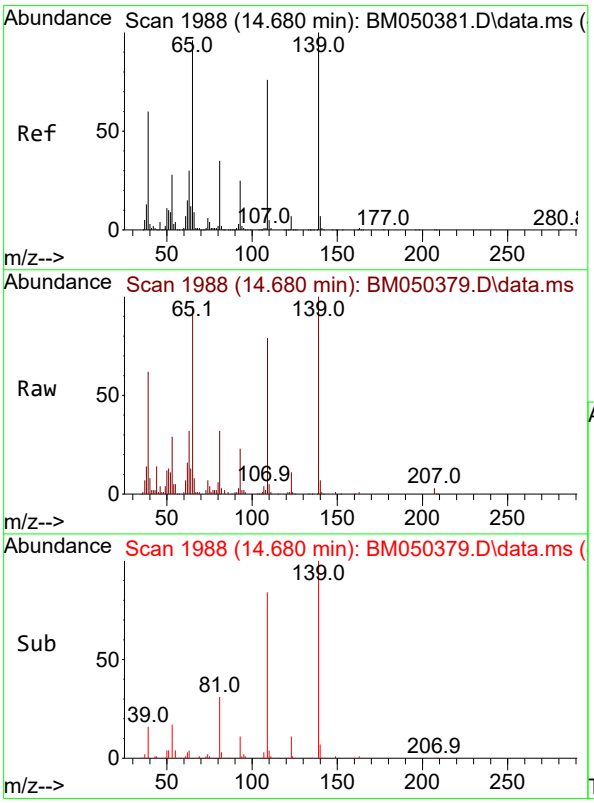
#55
Dibenzofuran
Concen: 9.555 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 708153

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

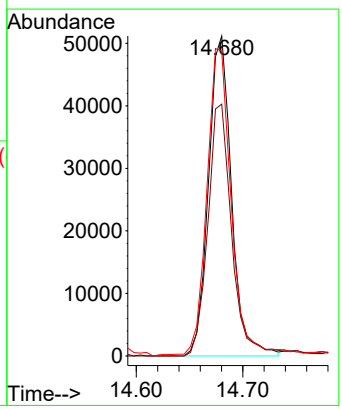


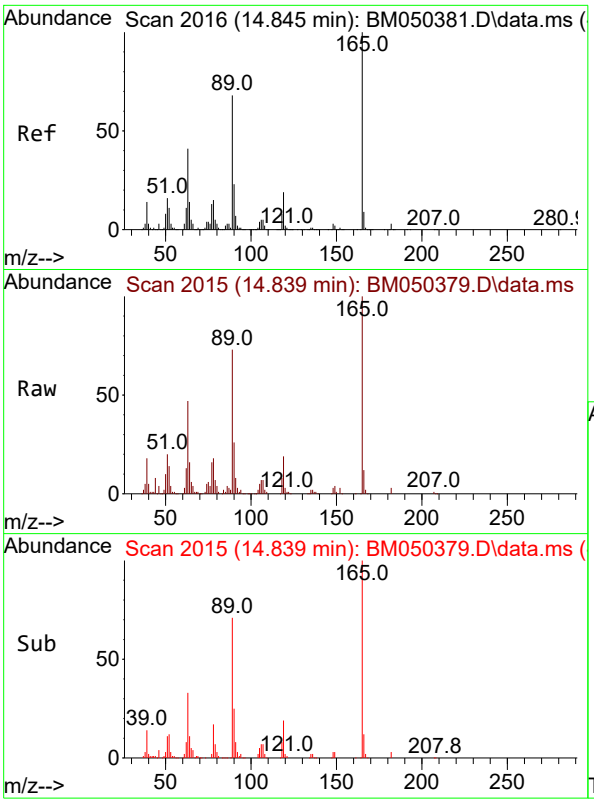


#56
4-Nitrophenol
Concen: 7.515 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:139 Resp: 76886

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



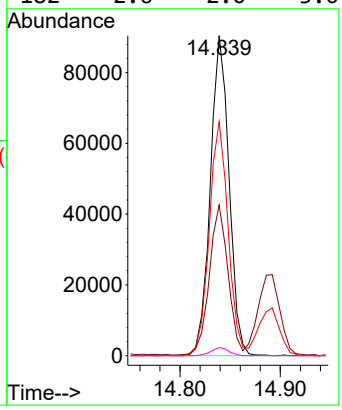


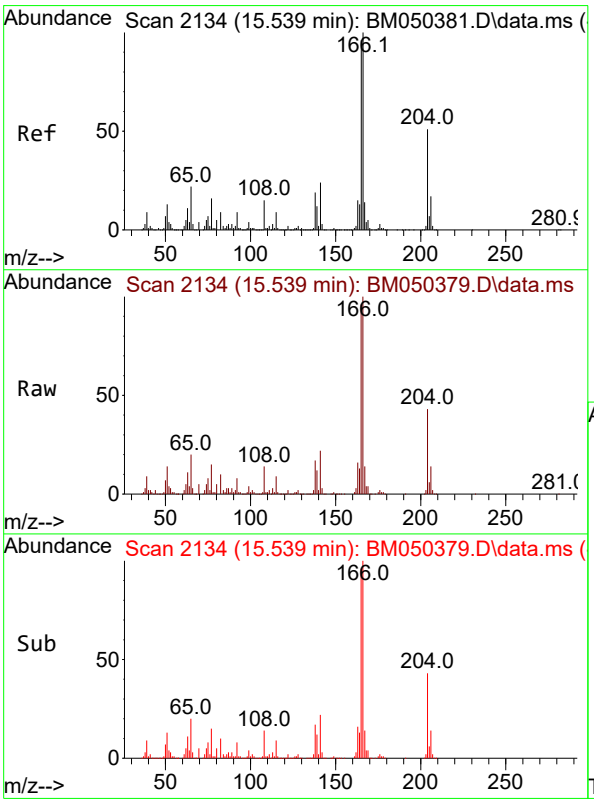
#57
2,4-Dinitrotoluene
Concen: 9.325 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 117194

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

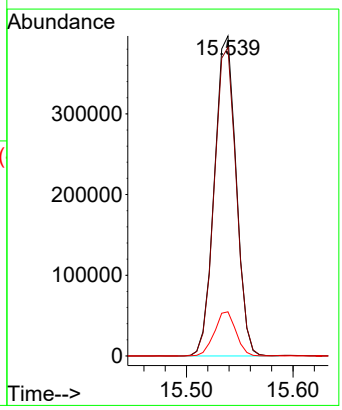


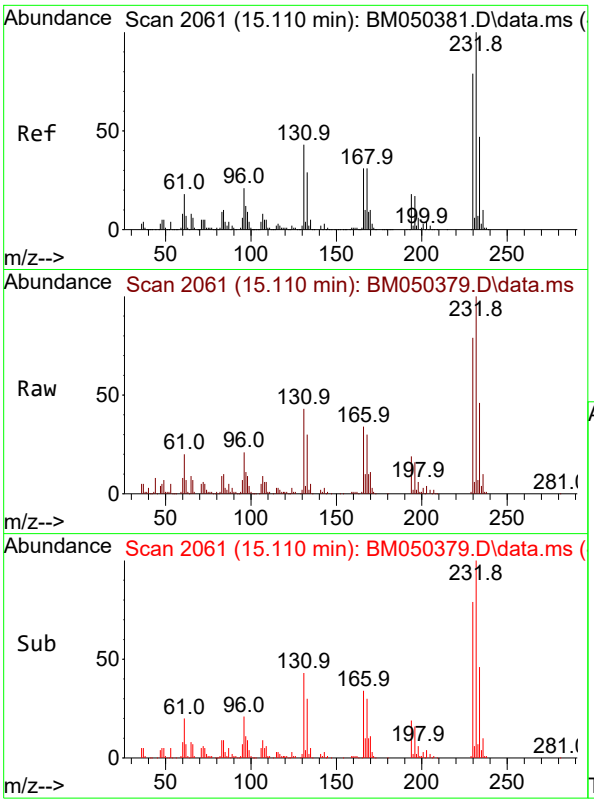


#58
Fluorene
Concen: 9.208 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:166 Resp: 562098

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



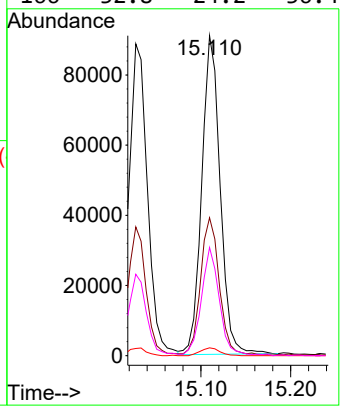


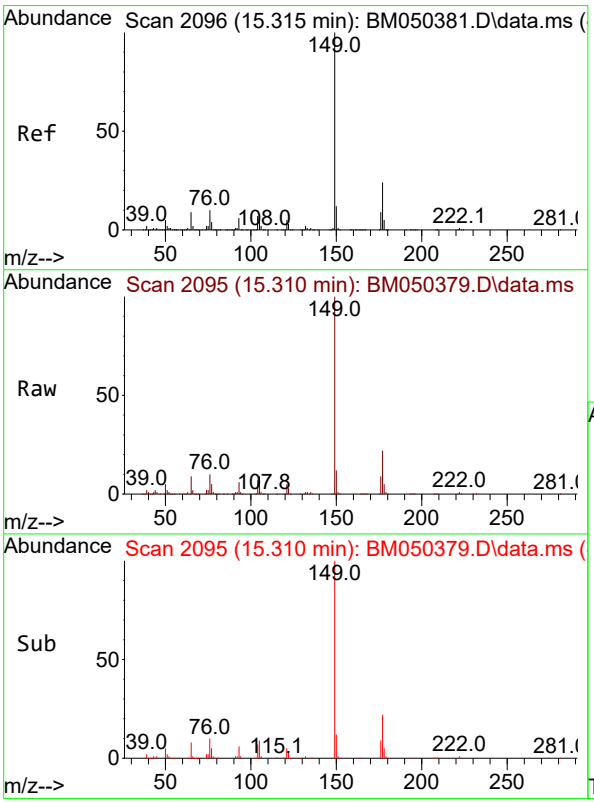
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.509 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 129591

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

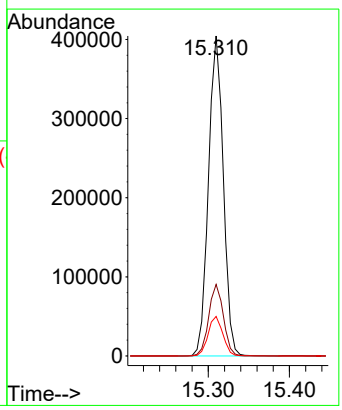


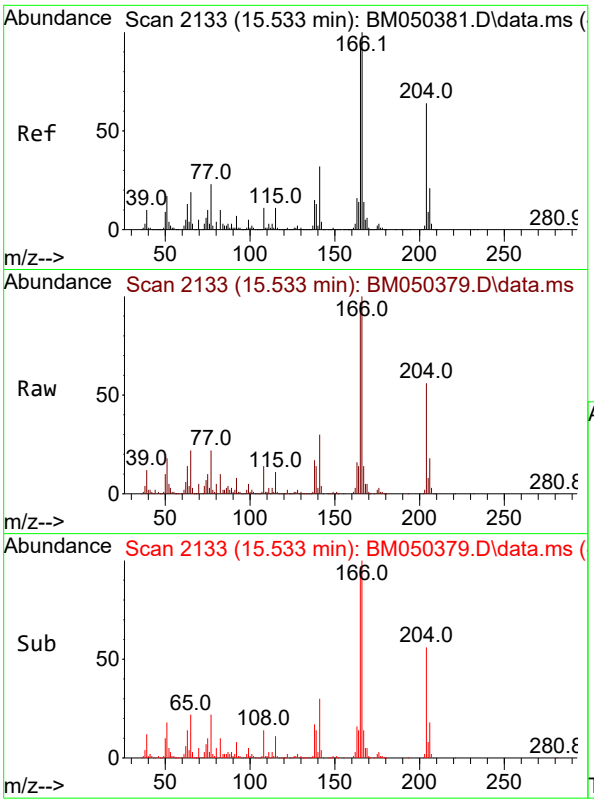


#60
Diethylphthalate
Concen: 9.200 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 512043

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



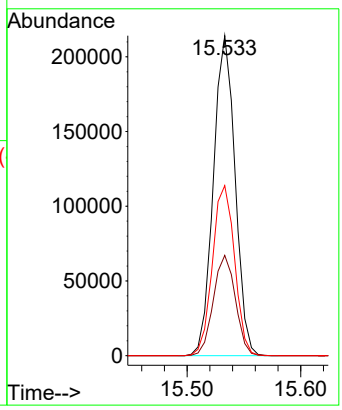


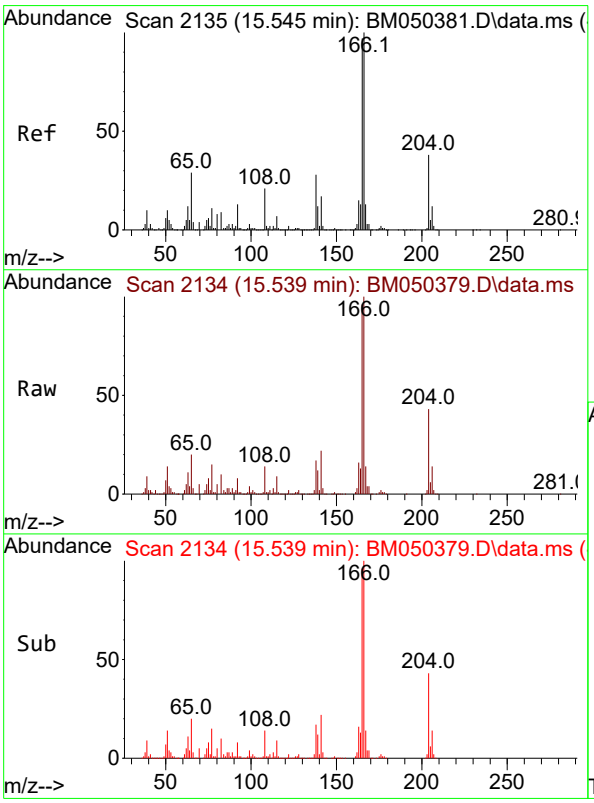
#61
4-Chlorophenyl-phenylether
Concen: 8.918 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 284655

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

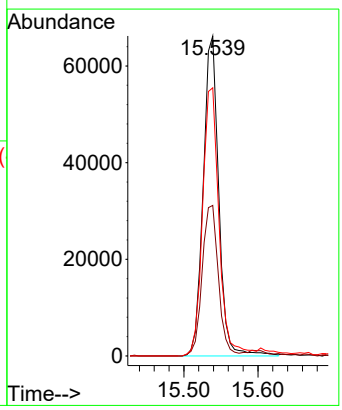


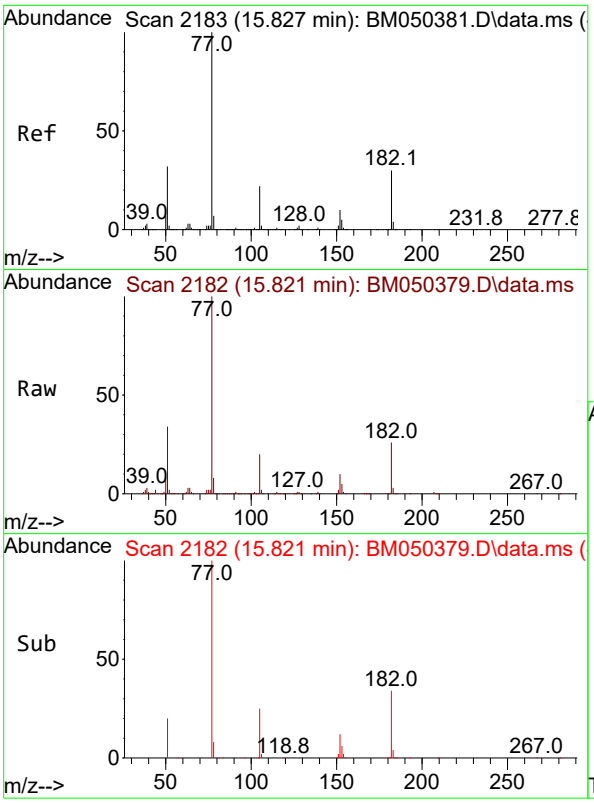


#62
4-Nitroaniline
Concen: 9.259 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:138 Resp: 96460

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



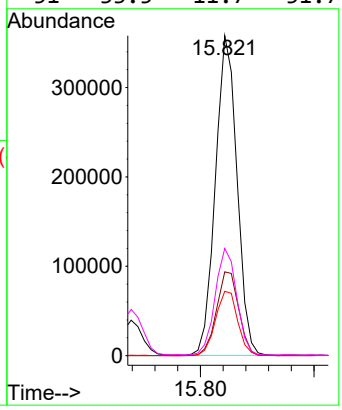


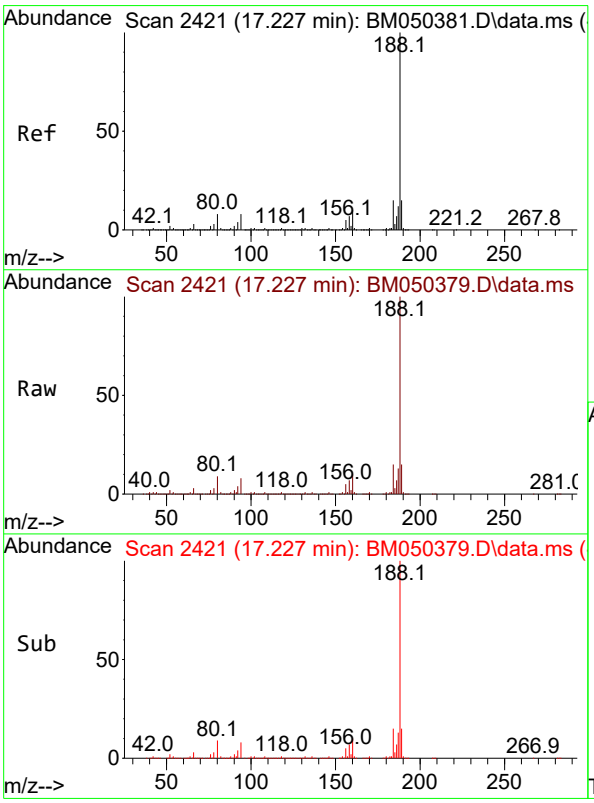
#63
Azobenzene
Concen: 9.239 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 472164

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

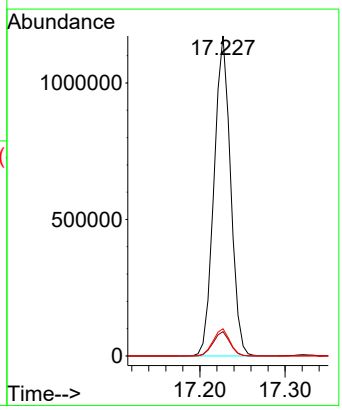


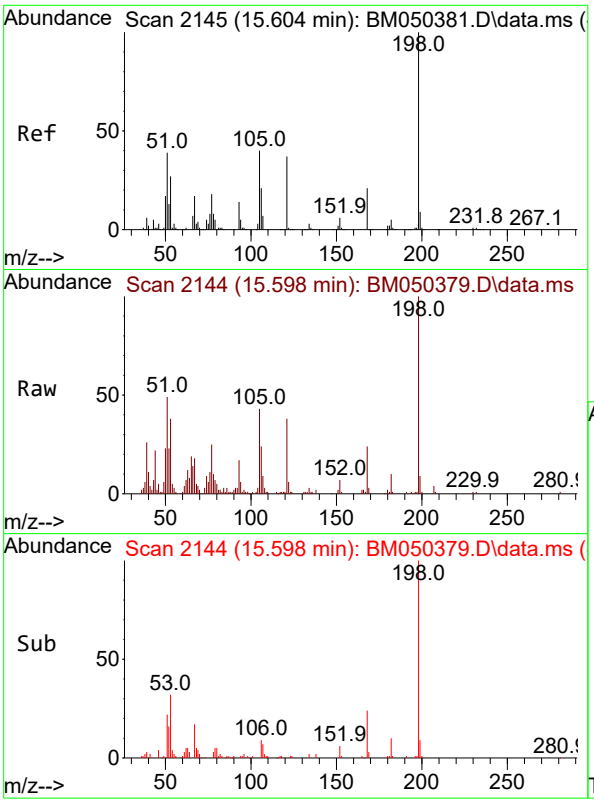


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:188 Resp: 1580349

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



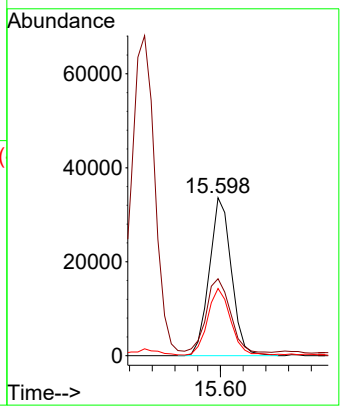


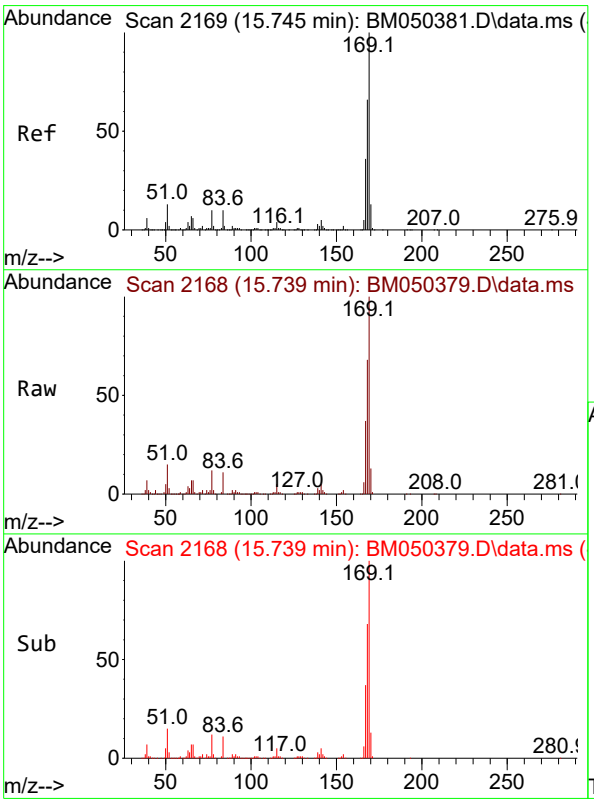
#65
4,6-Dinitro-2-methylphenol
Concen: 10.934 ng
RT: 15.598 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 45307

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

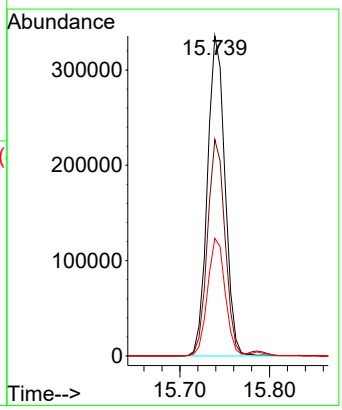


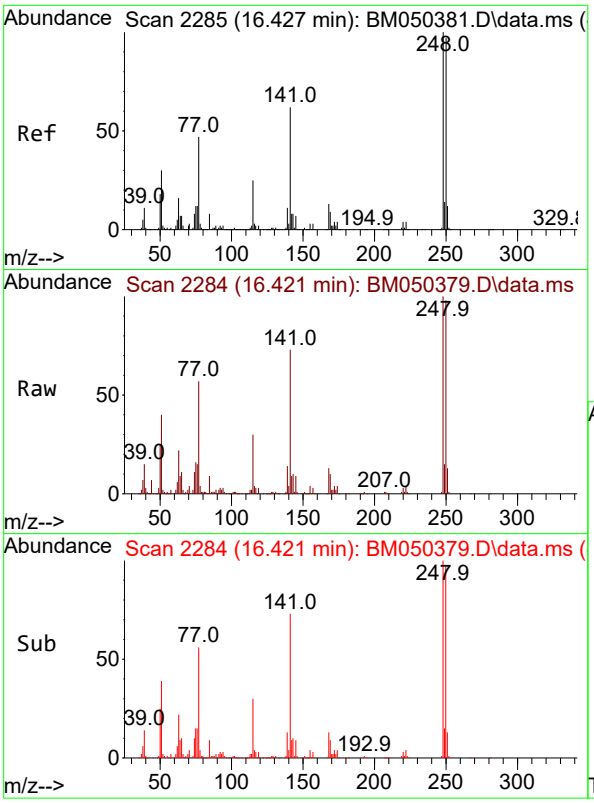


#66
n-Nitrosodiphenylamine
Concen: 9.215 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:169 Resp: 455683

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



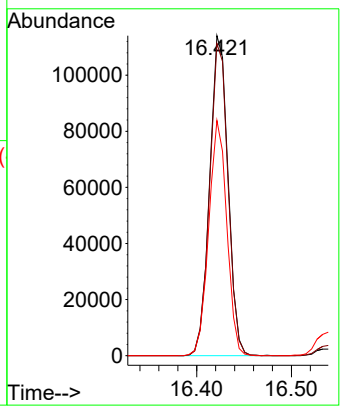


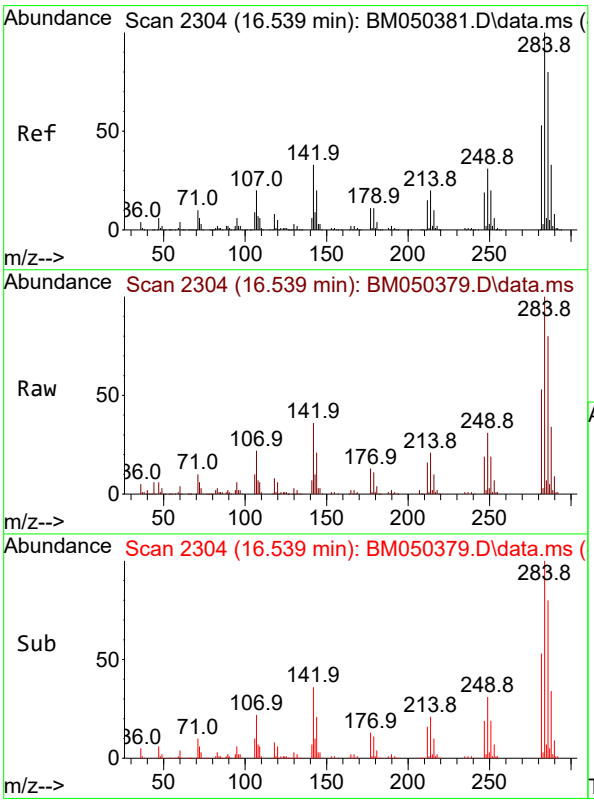
#67
4-Bromophenyl-phenylether
Concen: 8.812 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 153426

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

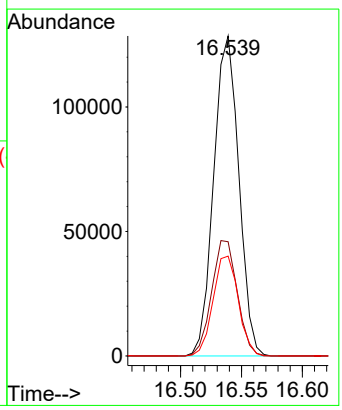


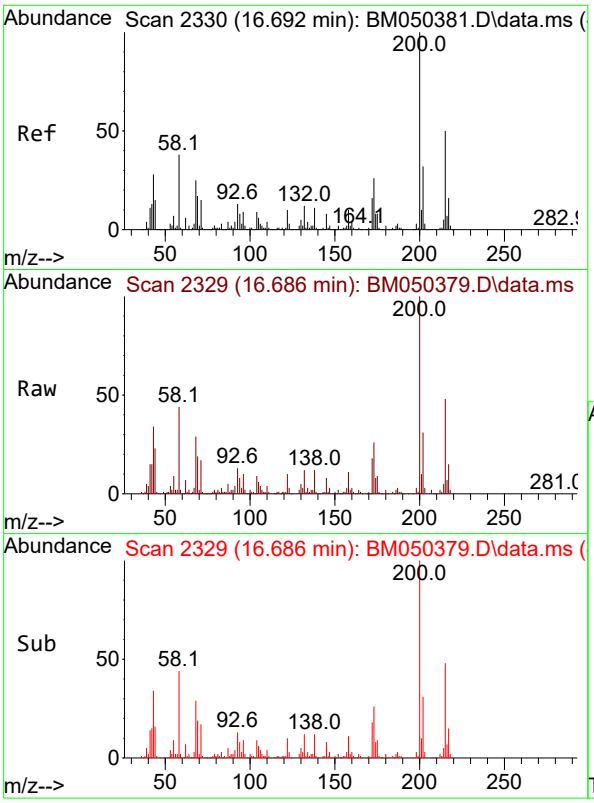


#68
Hexachlorobenzene
Concen: 8.960 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:284 Resp: 184262

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



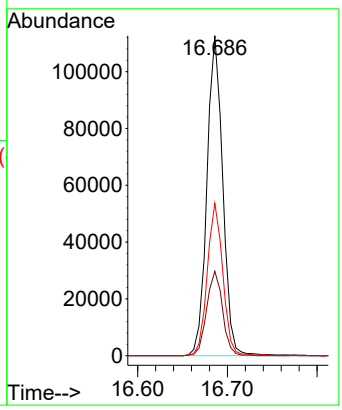


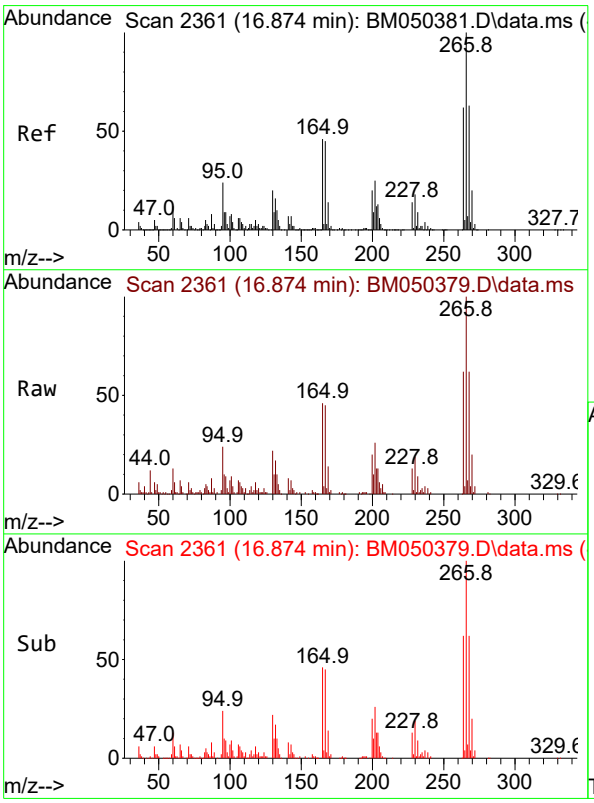
#69
Atrazine
Concen: 8.495 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 137949

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

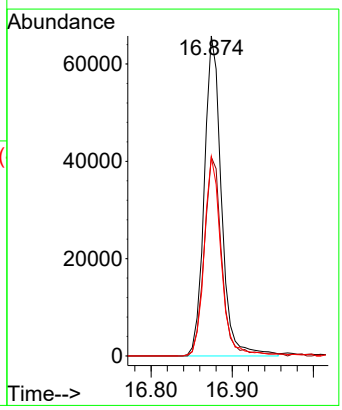


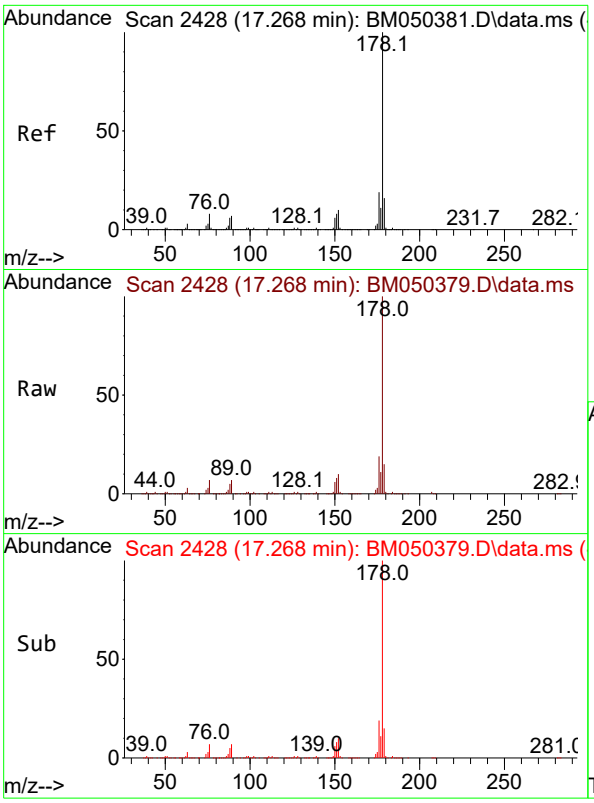


#70
Pentachlorophenol
Concen: 7.515 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:266 Resp: 96207

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



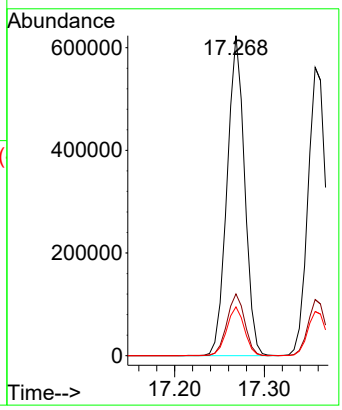


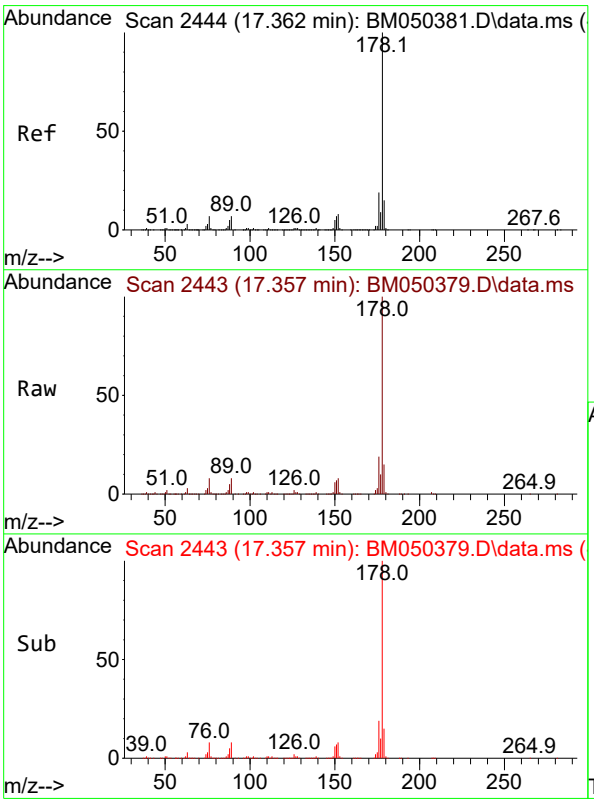
#71
Phenanthrene
Concen: 9.454 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 845393

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

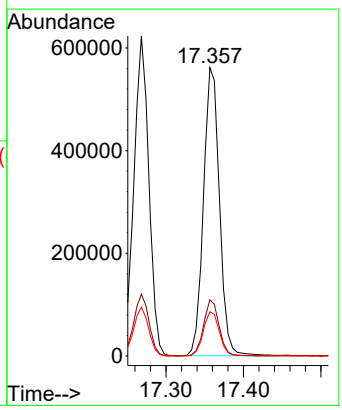


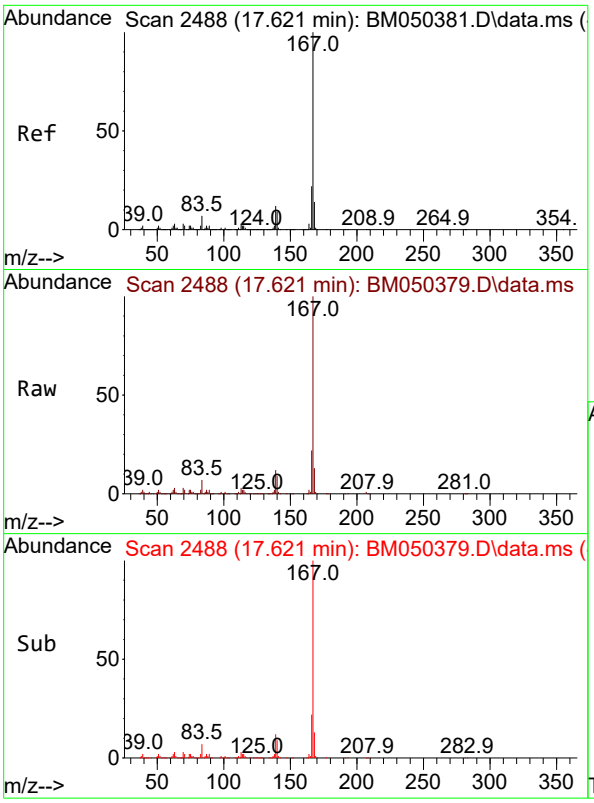


#72
Anthracene
Concen: 9.025 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:178 Resp: 803377

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



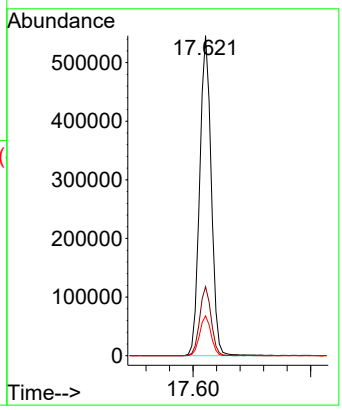


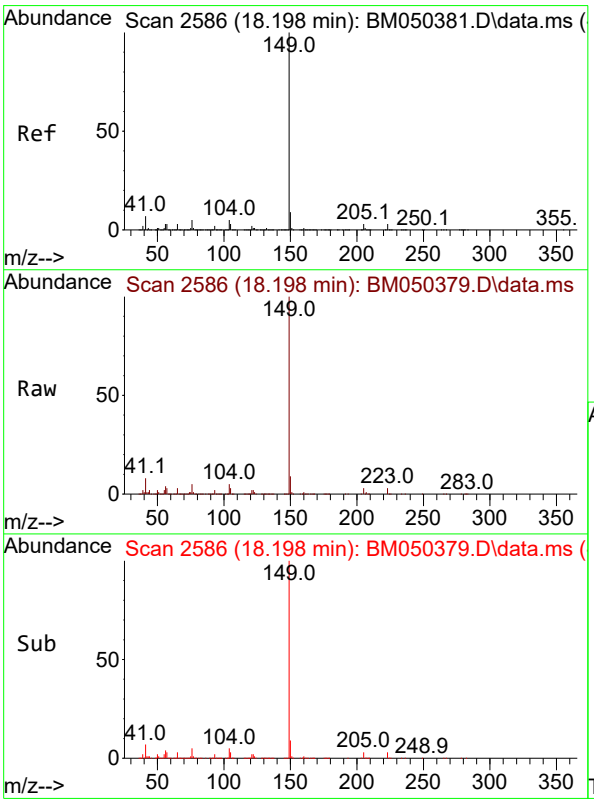
#73
Carbazole
Concen: 9.263 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 746026

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

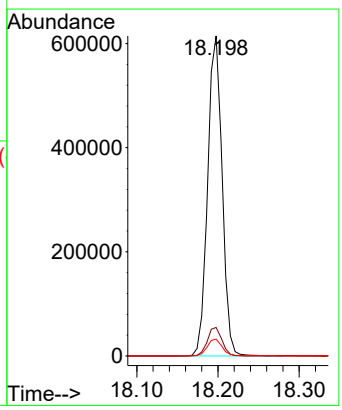


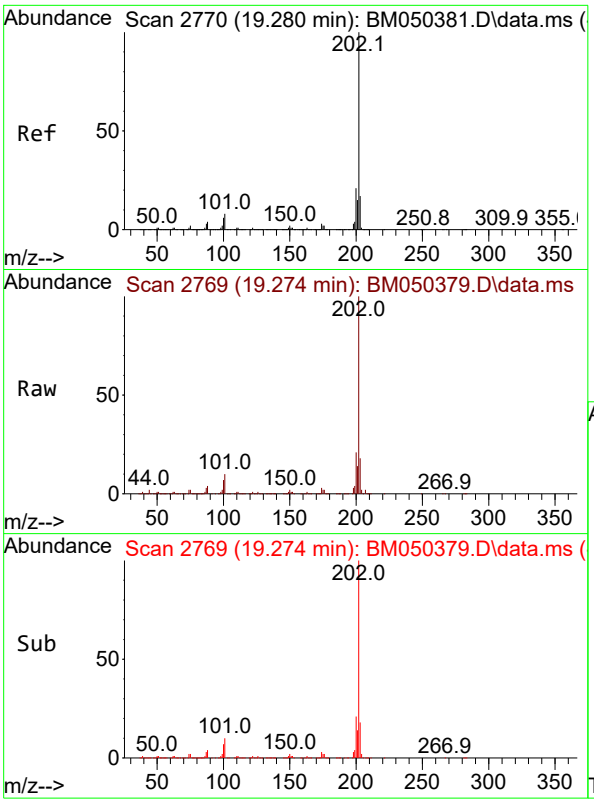


#74
Di-n-butylphthalate
Concen: 8.610 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 759019

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



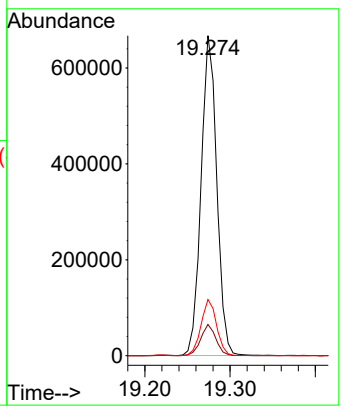


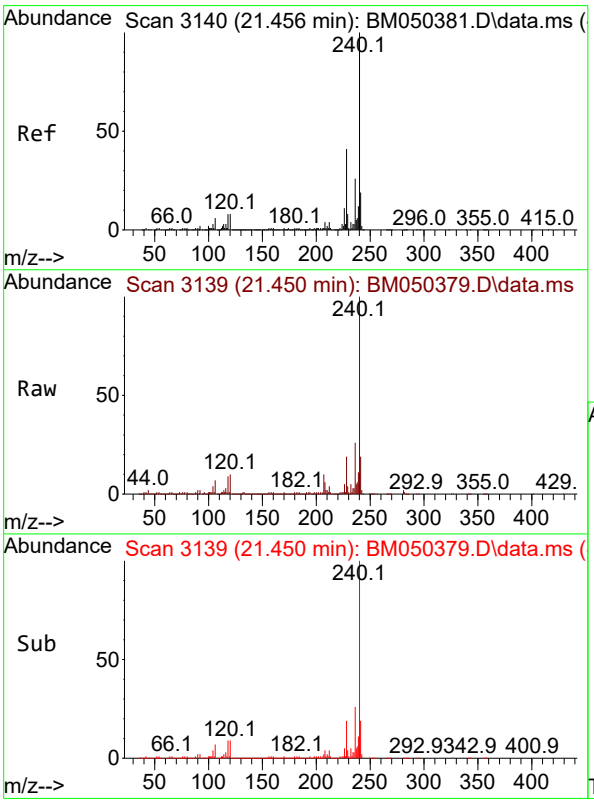
#75
Fluoranthene
Concen: 8.768 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 852385

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

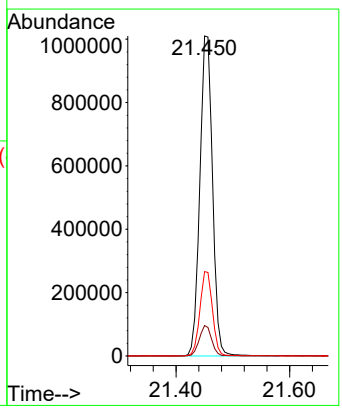


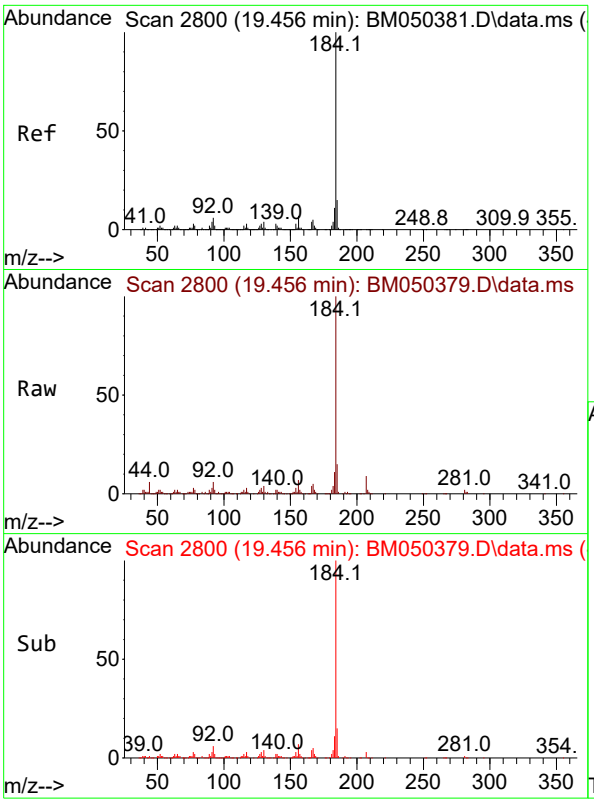


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:240 Resp: 1564213

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



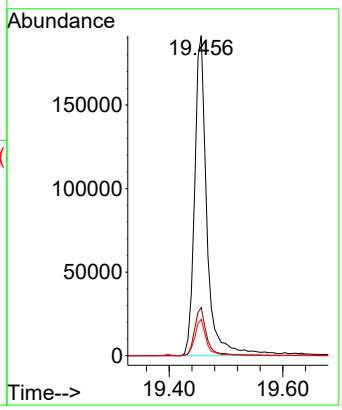


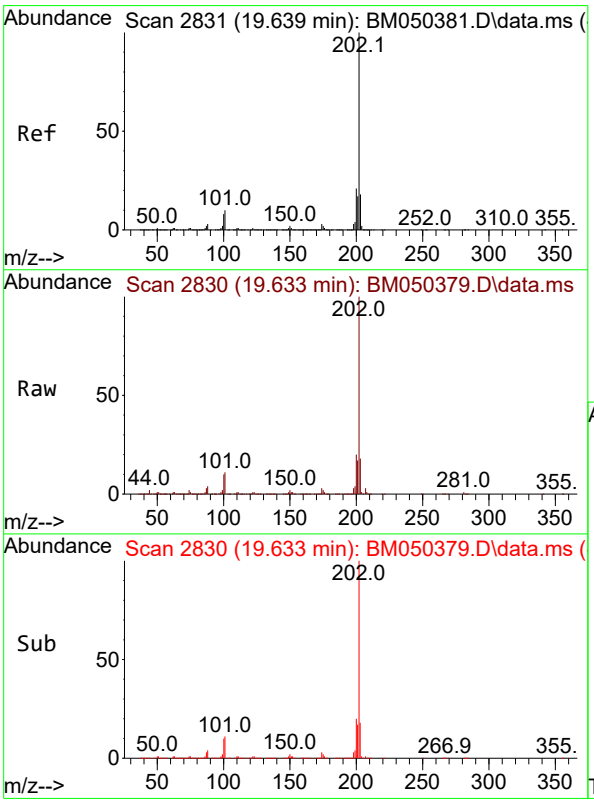
#77
Benzidine
Concen: 7.256 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 289481

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

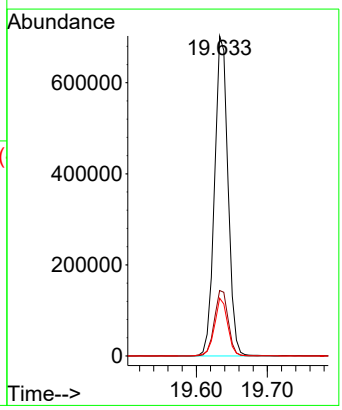


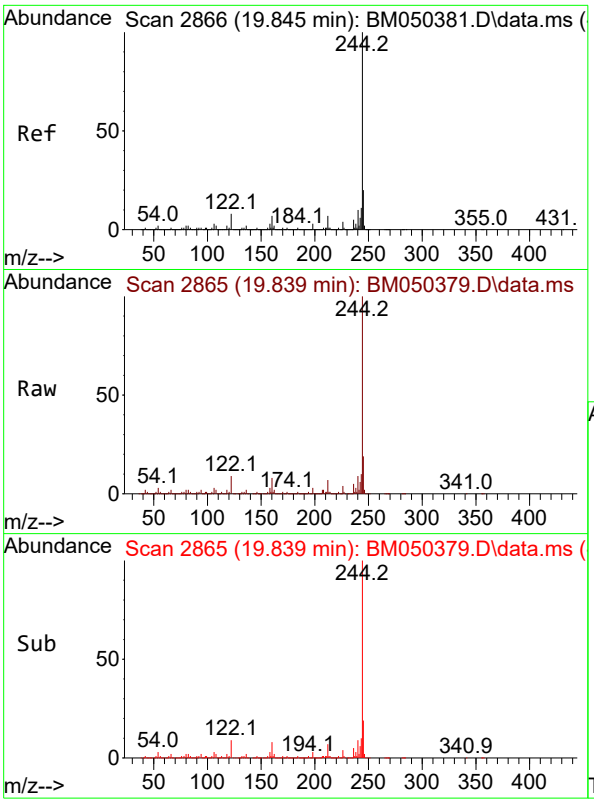


#78
Pyrene
Concen: 9.191 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:202 Resp: 920751

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



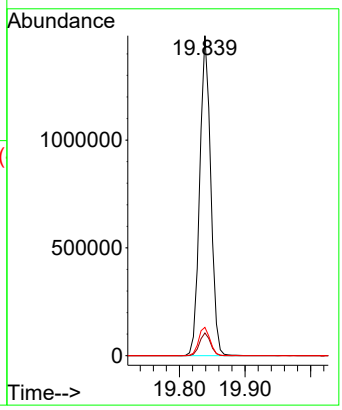


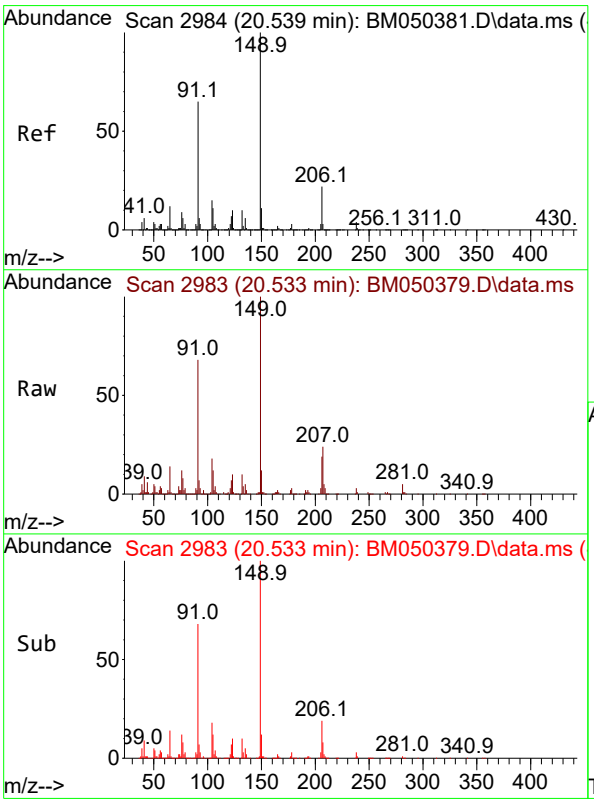
#79
Terphenyl-d14
Concen: 19.526 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1735885

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

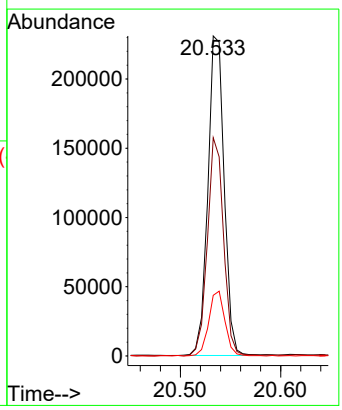


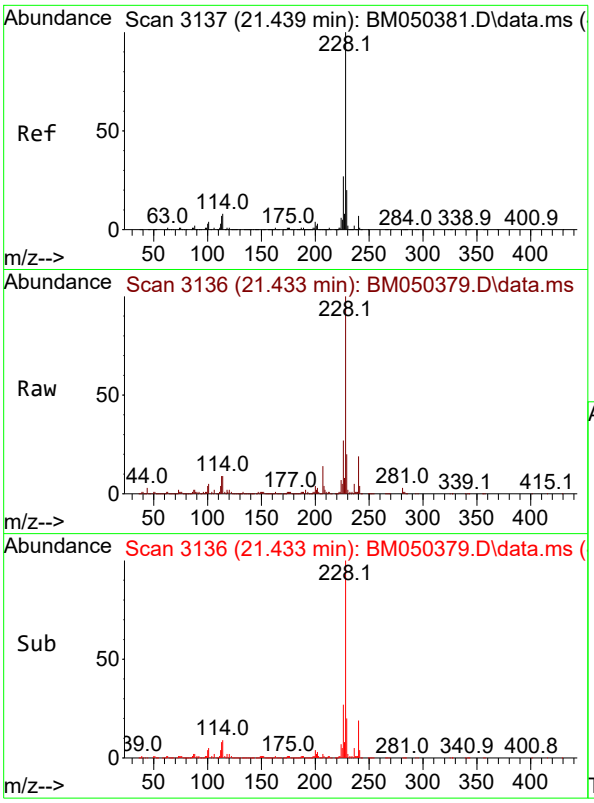


#80
Butylbenzylphthalate
Concen: 7.920 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 261606

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



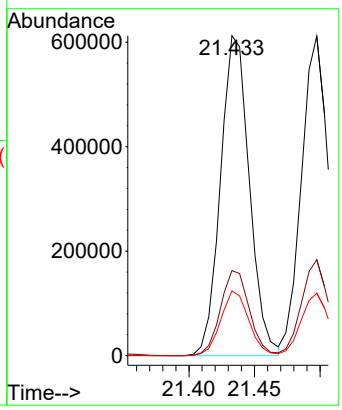


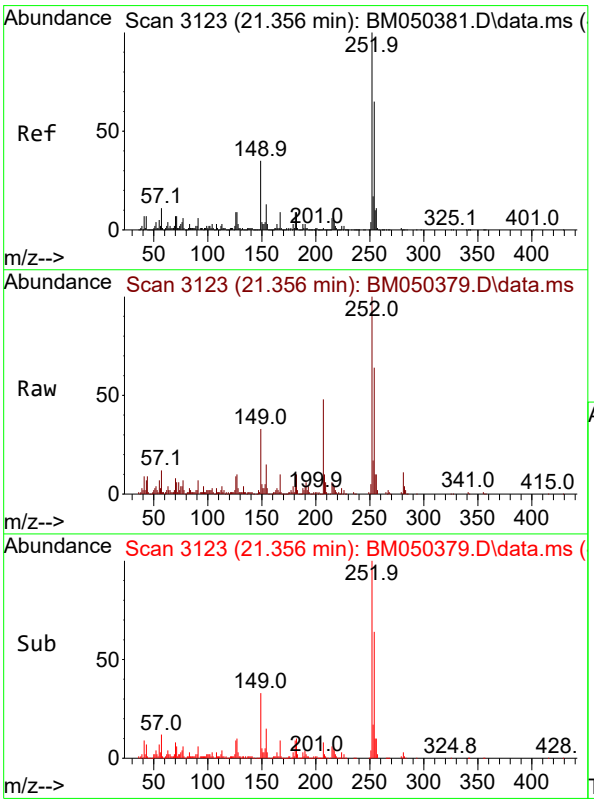
#81
Benzo(a)anthracene
Concen: 9.224 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 940127

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

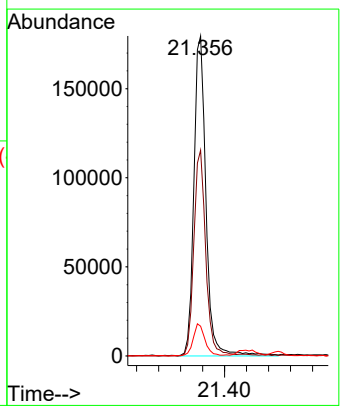


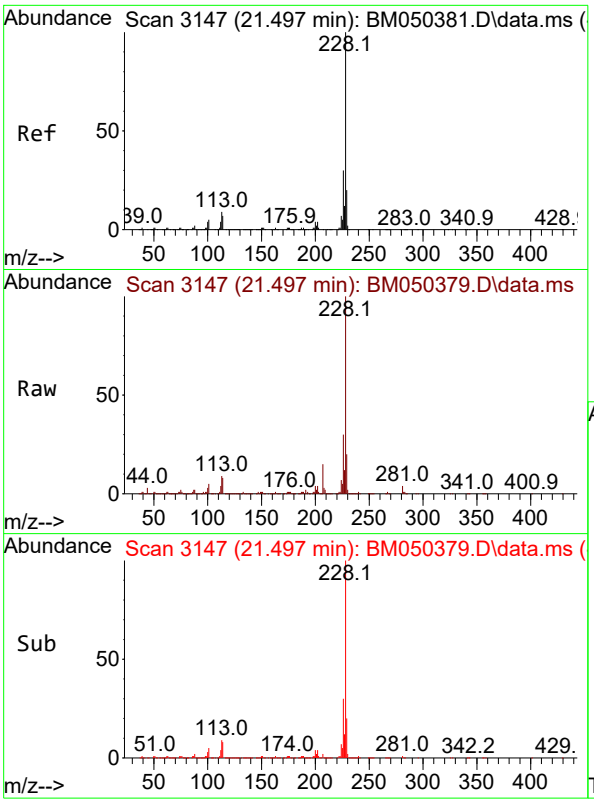


#82
3,3'-Dichlorobenzidine
Concen: 7.988 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 274551

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



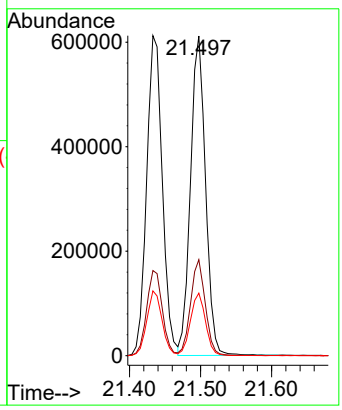


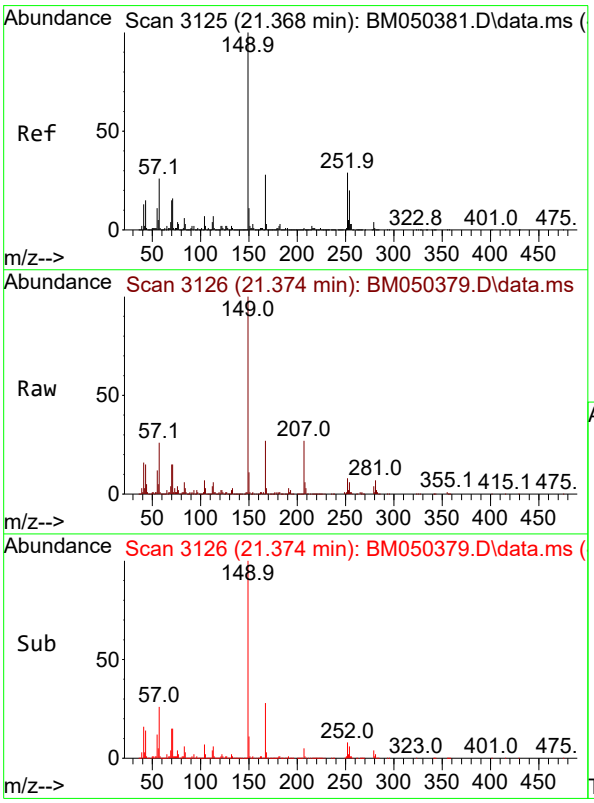
#83
Chrysene
Concen: 9.384 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 902126

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

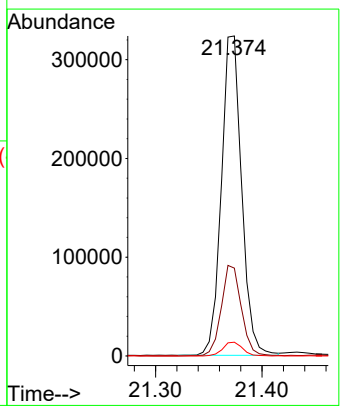


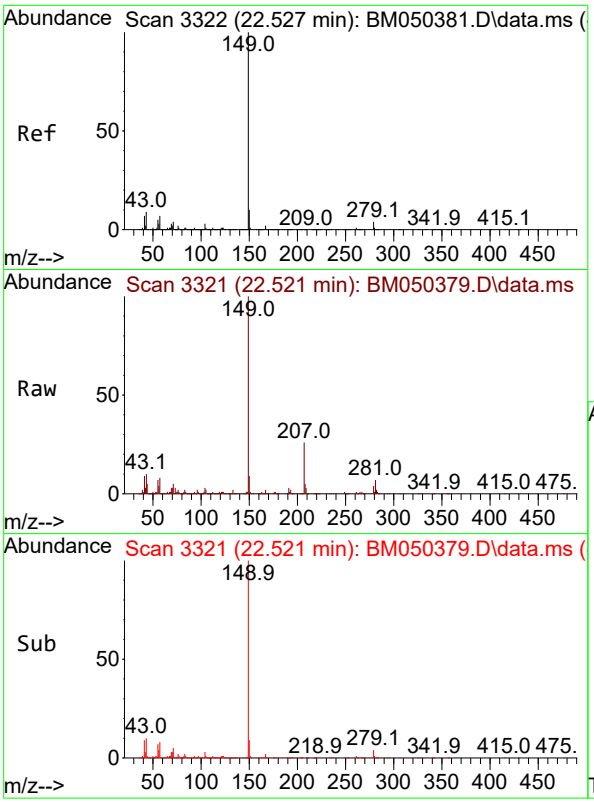


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.136 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:149 Resp: 426642

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.7	34.1
279	4.3	3.5	5.3



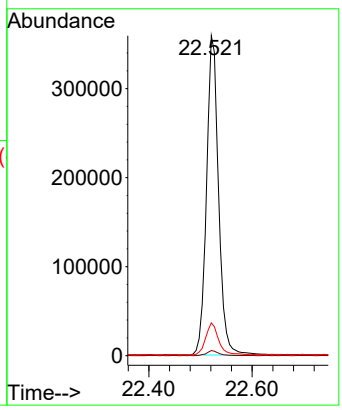


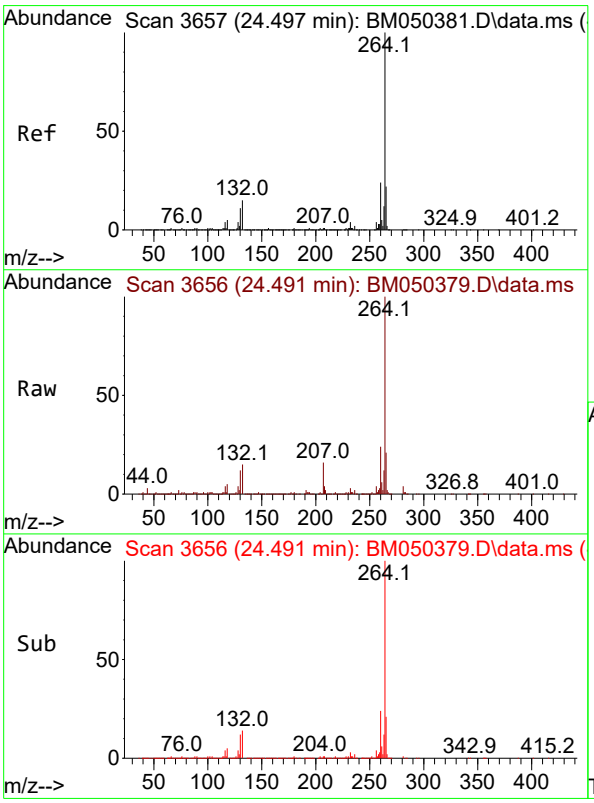
#85
Di-n-octyl phthalate
Concen: 7.070 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 580634

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	7.7	11.5

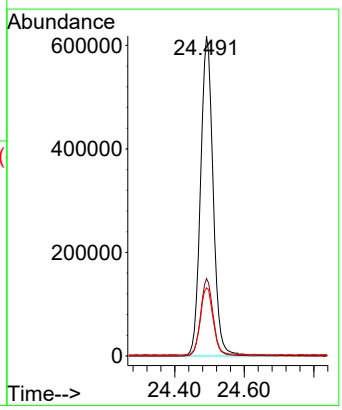


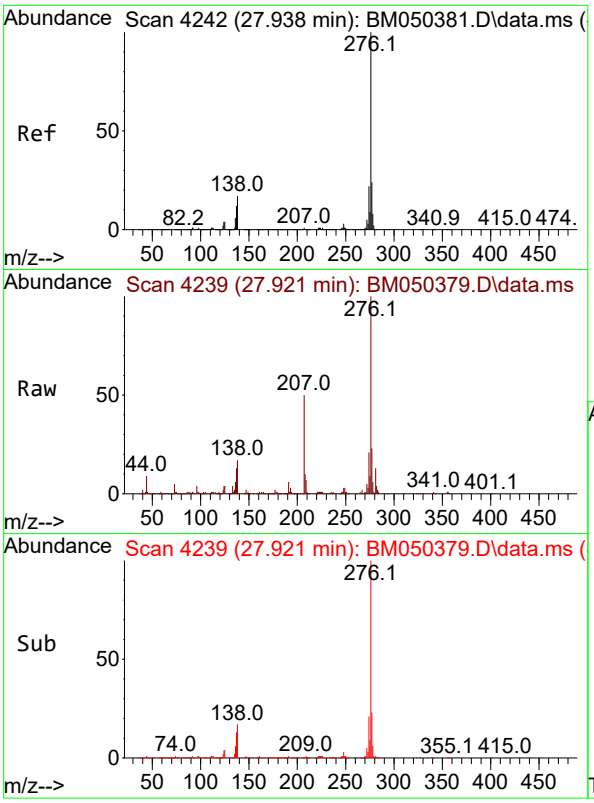


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:264 Resp: 1552476

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.8	26.6



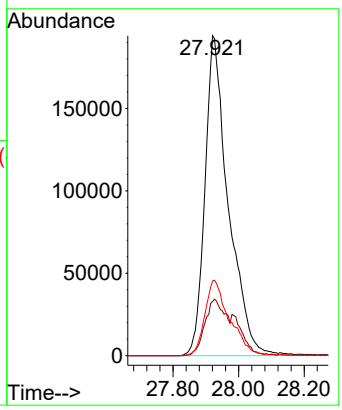


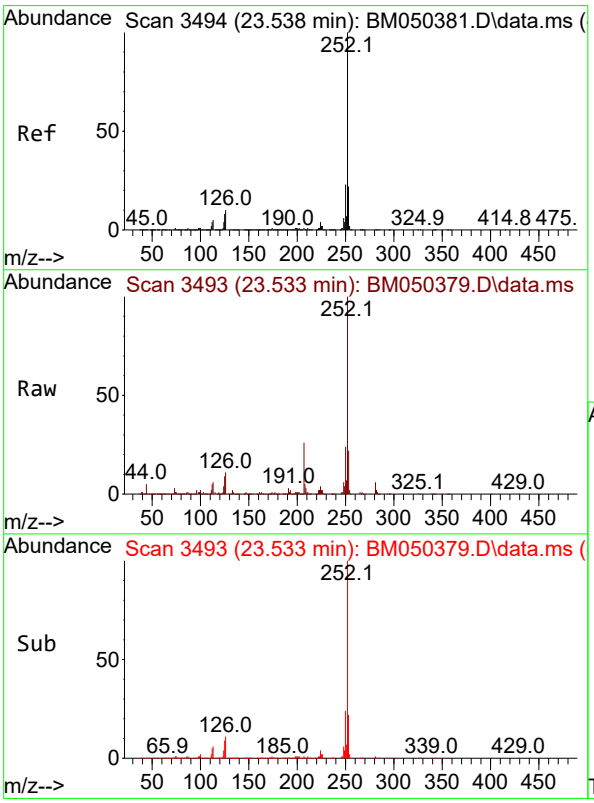
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.706 ng
RT: 27.921 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 960927

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.6#
277	24.8	20.0	30.0

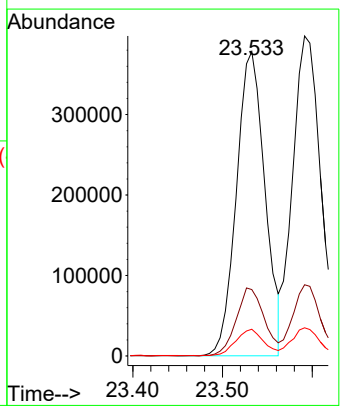


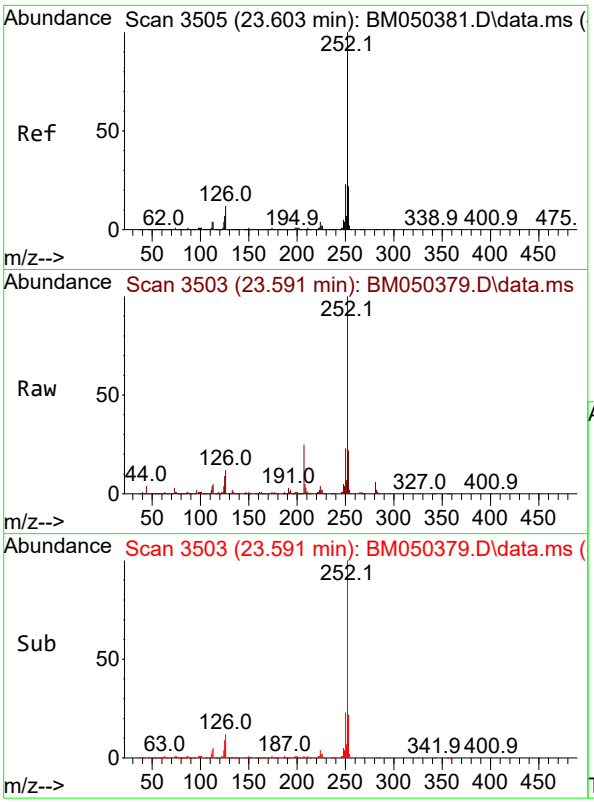


#88
Benzo(b)fluoranthene
Concen: 8.740 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 834603

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.8	6.3	9.5



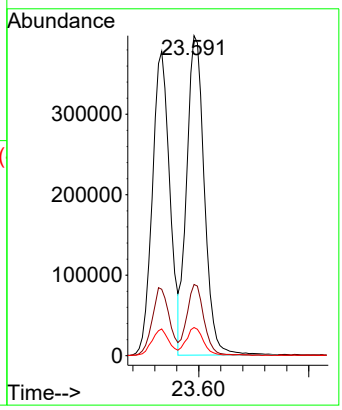


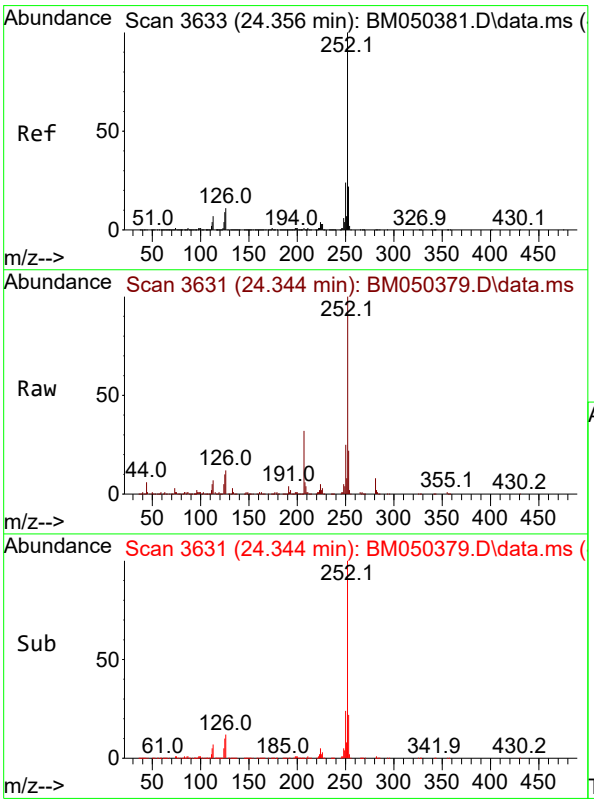
#89
Benzo(k)fluoranthene
Concen: 8.919 ng
RT: 23.591 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 883703

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.8	6.2	9.2

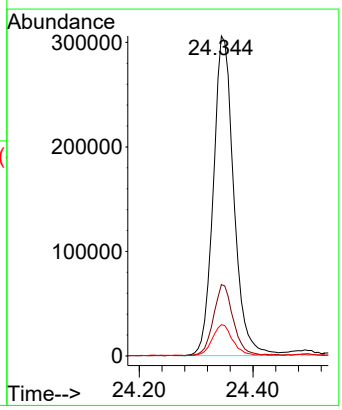


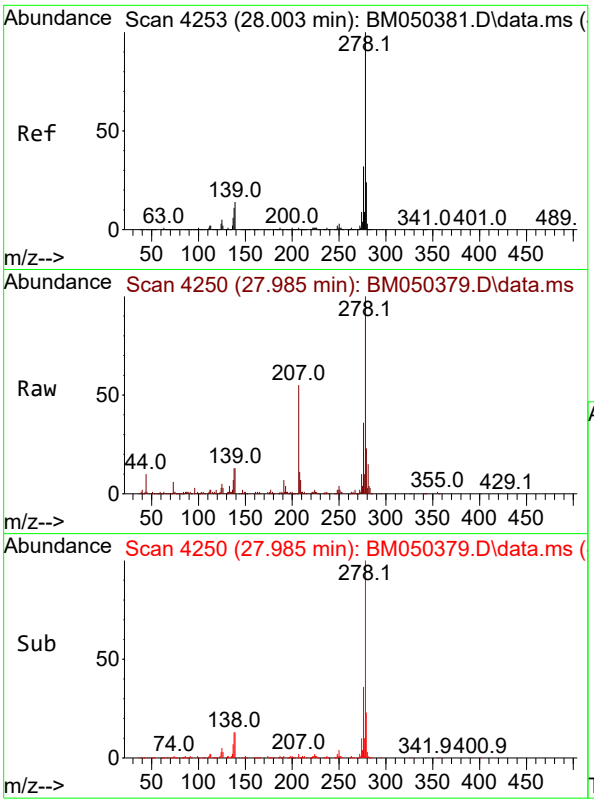


#90
Benzo(a)pyrene
Concen: 8.550 ng
RT: 24.344 min Scan# 3631
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:252 Resp: 764280

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.7	7.0	10.4



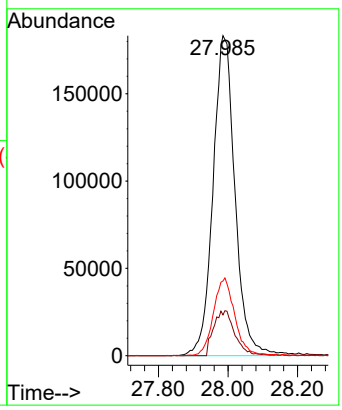


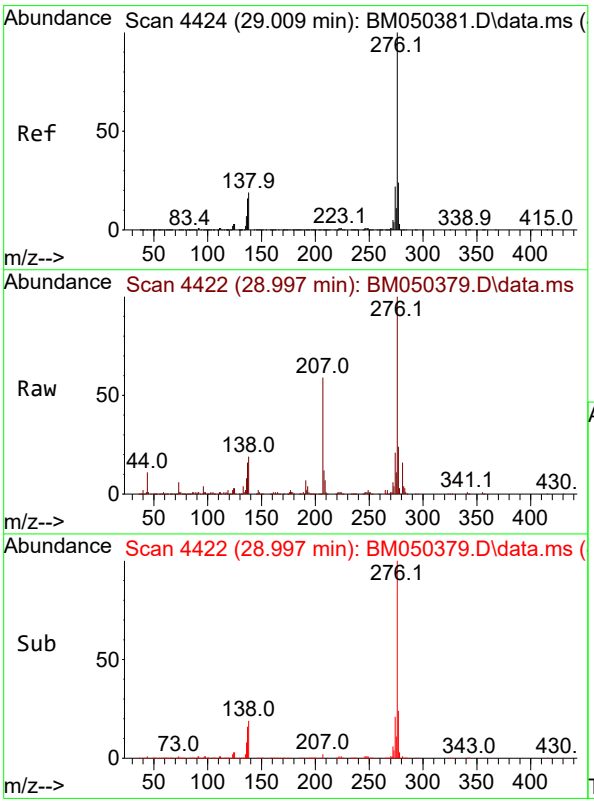
#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 27.985 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 803056

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	23.4	19.4	29.0

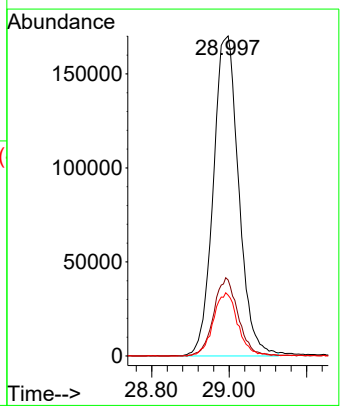




#92
Benzo(g,h,i)perylene
Concen: 8.841 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050379.D
Acq: 08 Jul 2025 14:00

Tgt Ion:276 Resp: 776700

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	19.0	14.9	22.3



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	361505	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1364913	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	879171	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1676151	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1698030	20.000	ng		0.00
86) Perylene-d12	24.492	264	1655344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	830817	39.560	ng		0.00
7) Phenol-d6	7.016	99	1041640	39.345	ng		0.00
23) Nitrobenzene-d5	9.016	82	1065139	39.813	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	404270	37.846	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2831991	39.780	ng		0.00
79) Terphenyl-d14	19.839	244	4159871	43.104	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	174356	20.190	ng		99
3) Pyridine	3.734	79	453940	20.022	ng		99
4) n-Nitrosodimethylamine	3.640	42	215262	20.366	ng	#	95
6) Aniline	7.187	93	666785	19.625	ng		100
8) 2-Chlorophenol	7.428	128	440657	19.898	ng		97
9) Benzaldehyde	6.999	77	355966m	22.600	ng		
10) Phenol	7.046	94	548000	19.845	ng		98
11) bis(2-Chloroethyl)ether	7.281	93	442290	20.000	ng		100
12) 1,3-Dichlorobenzene	7.757	146	540913	20.088	ng		98
13) 1,4-Dichlorobenzene	7.899	146	555418	20.200	ng		99
14) 1,2-Dichlorobenzene	8.216	146	525580	19.966	ng		99
15) Benzyl Alcohol	8.099	79	359867	19.292	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	657213	20.176	ng		100
17) 2-Methylphenol	8.299	107	354110	19.772	ng		100
18) Hexachloroethane	8.951	117	192269	19.883	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	320932	20.010	ng		98
20) 3+4-Methylphenols	8.622	107	468665	19.493	ng		99
22) Acetophenone	8.681	105	684104	20.046	ng	#	99
24) Nitrobenzene	9.057	77	481755	20.179	ng		100
25) Isophorone	9.587	82	865912	19.946	ng		99
26) 2-Nitrophenol	9.775	139	180315	18.532	ng		99
27) 2,4-Dimethylphenol	9.828	122	410521	19.828	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	575979	20.023	ng		100
29) 2,4-Dichlorophenol	10.304	162	424771	19.970	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	503042	19.769	ng		98
31) Naphthalene	10.710	128	1397680	20.160	ng		99
32) Benzoic acid	9.910	122	189237	19.011	ng		100
33) 4-Chloroaniline	10.810	127	582272	19.867	ng		99
34) Hexachlorobutadiene	11.010	225	303657	19.552	ng		99
35) Caprolactam	11.569	113	110042	18.951	ng		95
36) 4-Chloro-3-methylphenol	11.928	107	393366	19.804	ng		99
37) 2-Methylnaphthalene	12.322	142	871365	19.906	ng		98
38) 1-Methylnaphthalene	12.539	142	920592	19.872	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	536934	19.205	ng		99
41) Hexachlorocyclopentadiene	12.675	237	317506	17.766	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	331504	19.263	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	364770	19.408	ng	99
46) 1,1'-Biphenyl	13.328	154	1300397	19.936	ng	99
47) 2-Chloronaphthalene	13.369	162	1043593	20.066	ng	99
48) 2-Nitroaniline	13.563	65	222094	19.132	ng	98
49) Acenaphthylene	14.216	152	1578057	20.078	ng	99
50) Dimethylphthalate	13.945	163	1202901	19.873	ng	100
51) 2,6-Dinitrotoluene	14.057	165	231144	19.889	ng	99
52) Acenaphthene	14.557	154	990178	19.816	ng	99
53) 3-Nitroaniline	14.380	138	244460	19.779	ng	96
54) 2,4-Dinitrophenol	14.586	184	85284	18.641	ng	96
55) Dibenzofuran	14.886	168	1543545	20.048	ng	99
56) 4-Nitrophenol	14.680	139	198160	18.644	ng	99
57) 2,4-Dinitrotoluene	14.839	165	299004	18.935	ng	95
58) Fluorene	15.539	166	1255879	19.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	312205	19.733	ng	99
60) Diethylphthalate	15.310	149	1159537	20.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	644238	19.428	ng	99
62) 4-Nitroaniline	15.539	138	249635	19.209	ng	93
63) Azobenzene	15.822	77	1085005	20.436	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	129223	18.758	ng	97
66) n-Nitrosodiphenylamine	15.739	169	1039509	19.819	ng	98
67) 4-Bromophenyl-phenylether	16.422	248	353272	19.130	ng	96
68) Hexachlorobenzene	16.539	284	424108	19.444	ng	99
69) Atrazine	16.686	200	333655	19.373	ng	97
70) Pentachlorophenol	16.874	266	243316	17.920	ng	98
71) Phenanthrene	17.269	178	1876408	19.784	ng	100
72) Anthracene	17.357	178	1859273	19.694	ng	99
73) Carbazole	17.621	167	1691521	19.801	ng	100
74) Di-n-butylphthalate	18.198	149	1829412	19.566	ng	100
75) Fluoranthene	19.274	202	1980887	19.212	ng	98
77) Benzidine	19.451	184	884477	20.422	ng	99
78) Pyrene	19.639	202	2140070	19.679	ng	99
80) Butylbenzylphthalate	20.533	149	681649	19.009	ng	95
81) Benzo(a)anthracene	21.433	228	2176940	19.676	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	689176	18.471	ng	100
83) Chrysene	21.498	228	2037978	19.529	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	1117874	19.638	ng	100
85) Di-n-octyl phthalate	22.521	149	1580618	17.729	ng	99
87) Indeno(1,2,3-cd)pyrene	27.927	276	2274737	19.328	ng	99
88) Benzo(b)fluoranthene	23.533	252	1948651	19.138	ng	99
89) Benzo(k)fluoranthene	23.592	252	2064811	19.544	ng	99
90) Benzo(a)pyrene	24.350	252	1819117	19.085	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	1918673	19.357	ng	100
92) Benzo(g,h,i)perylene	28.997	276	1815952	19.385	ng	99

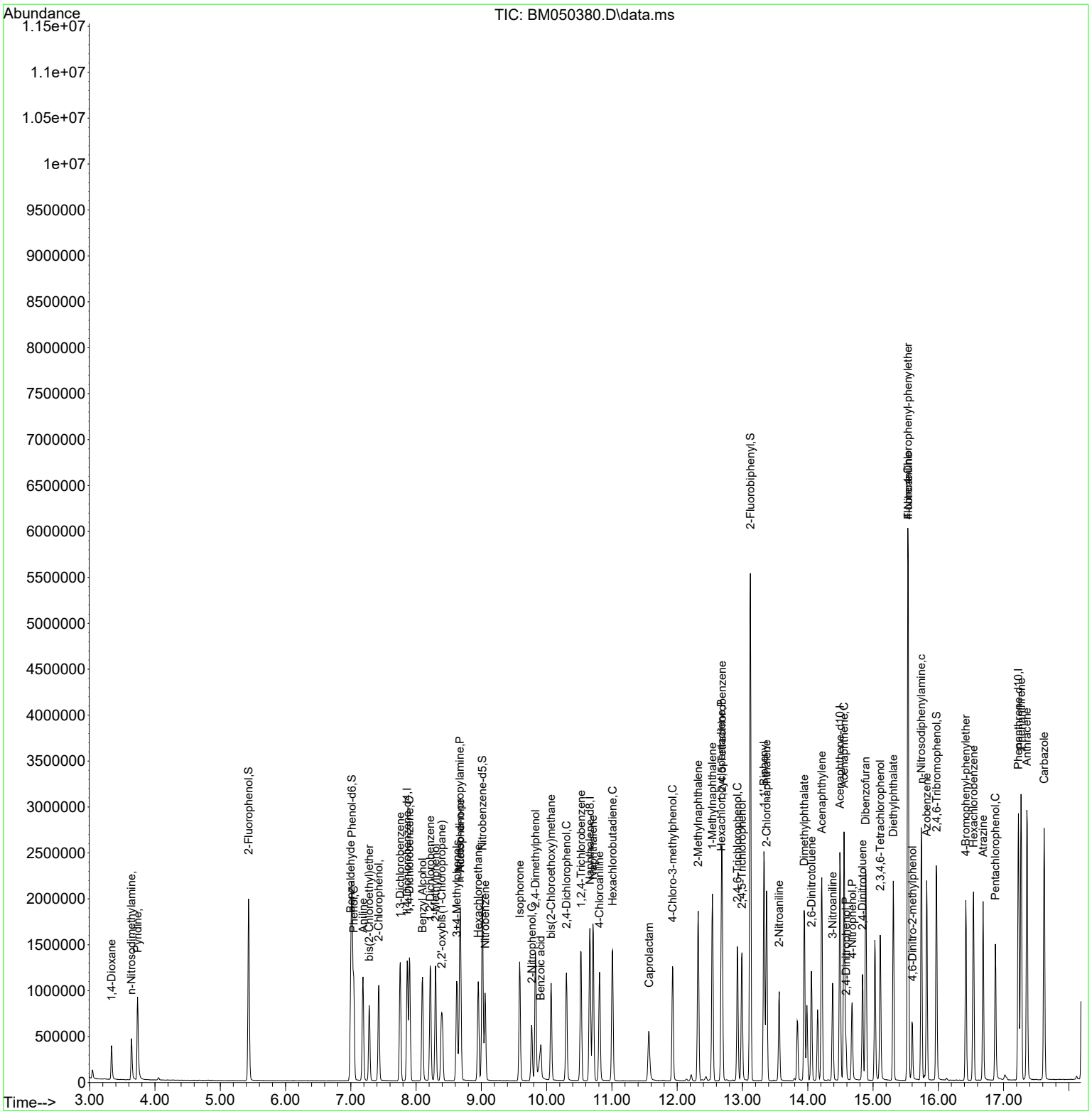
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

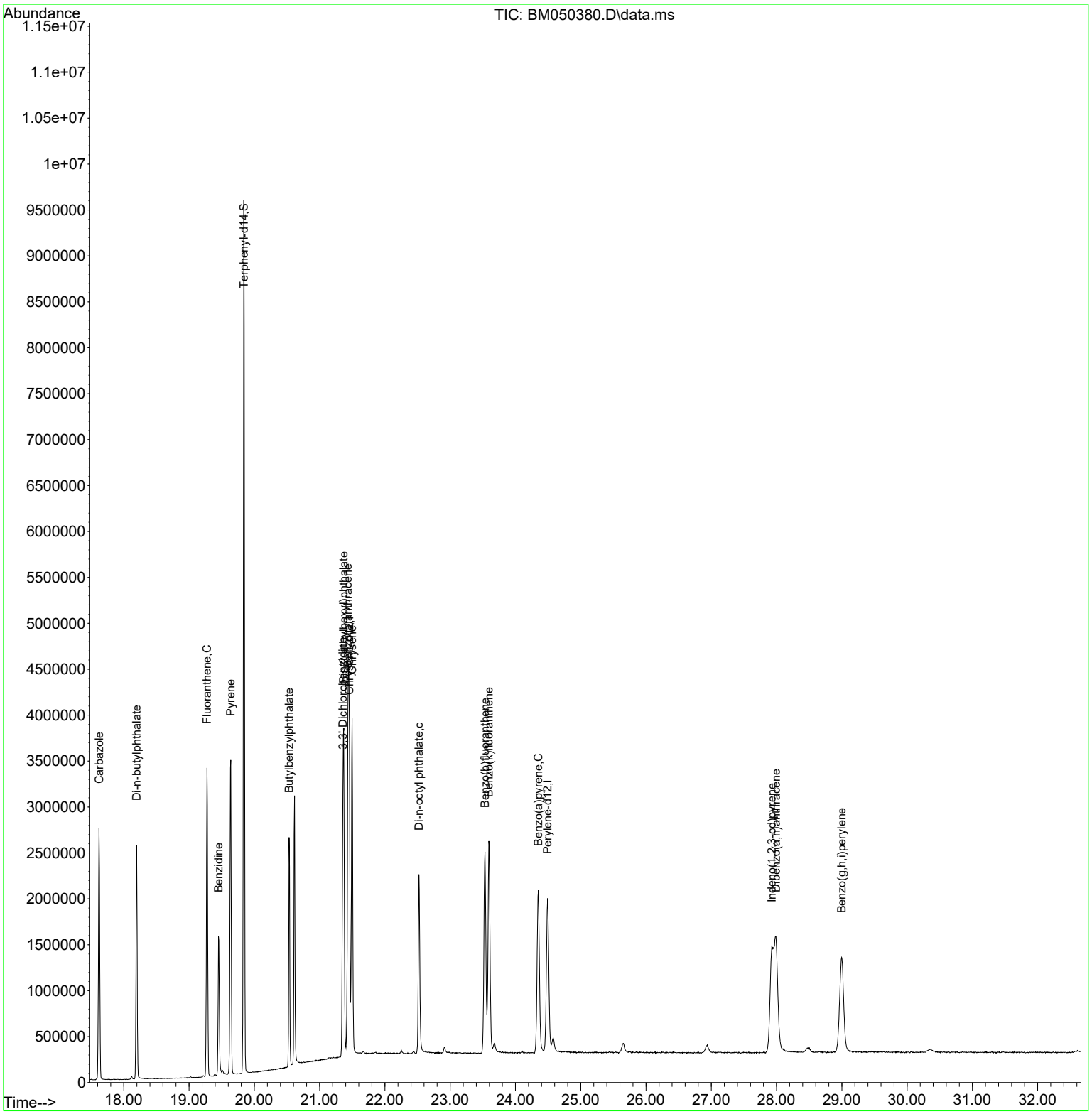


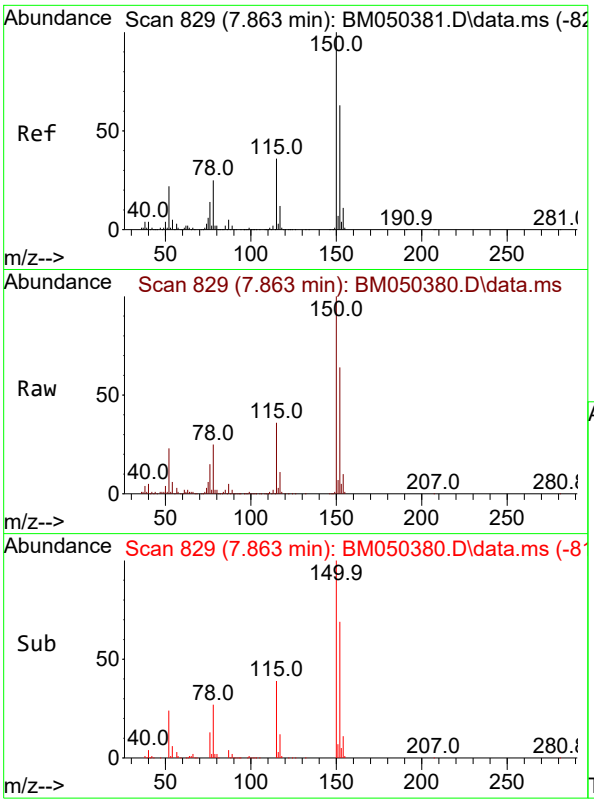
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050380.D
Acq On : 08 Jul 2025 14:40
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 08 18:21:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



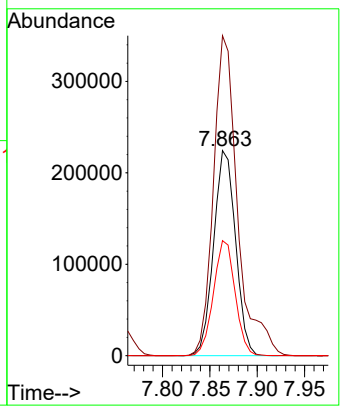


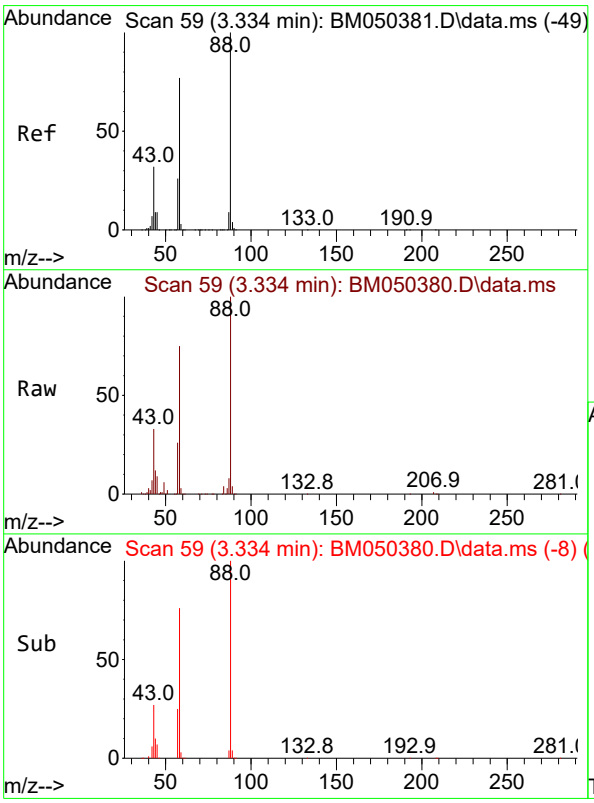
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 361505

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.4
115	56.1	45.8	68.8

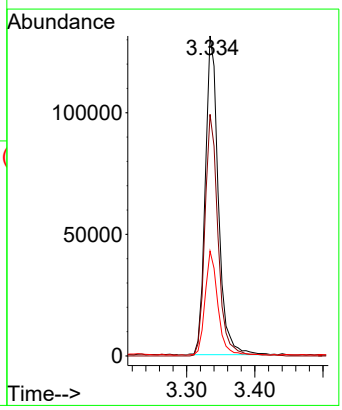


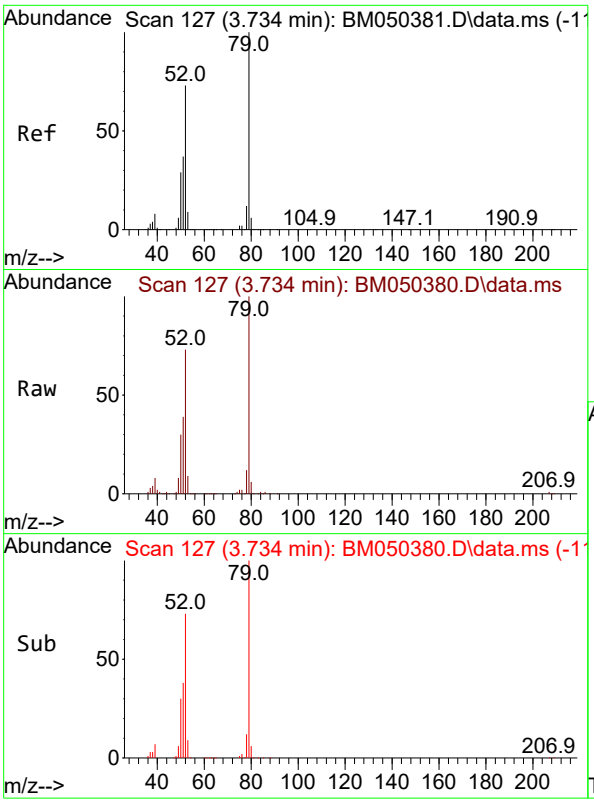


#2
1,4-Dioxane
Concen: 20.190 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 88 Resp: 174356

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.0	91.6
43	31.7	24.6	37.0



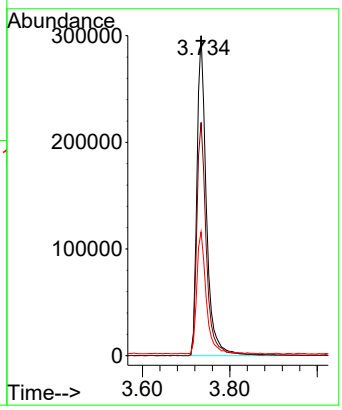


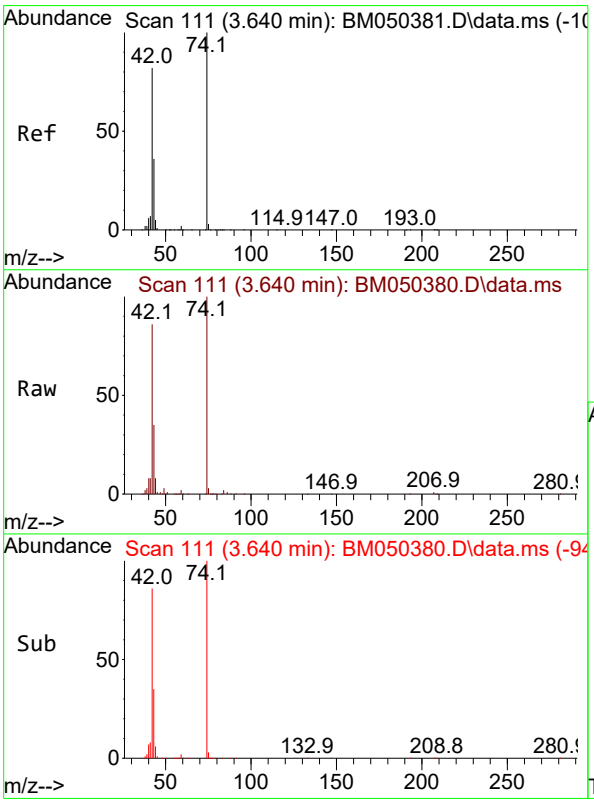
#3
Pyridine
Concen: 20.022 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 453940

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	38.7	29.6	44.4

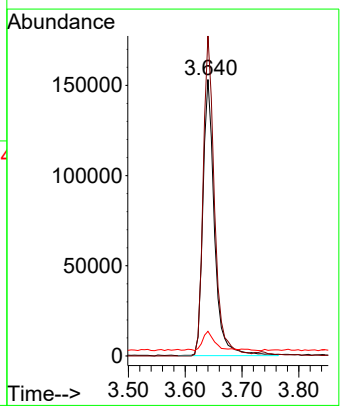


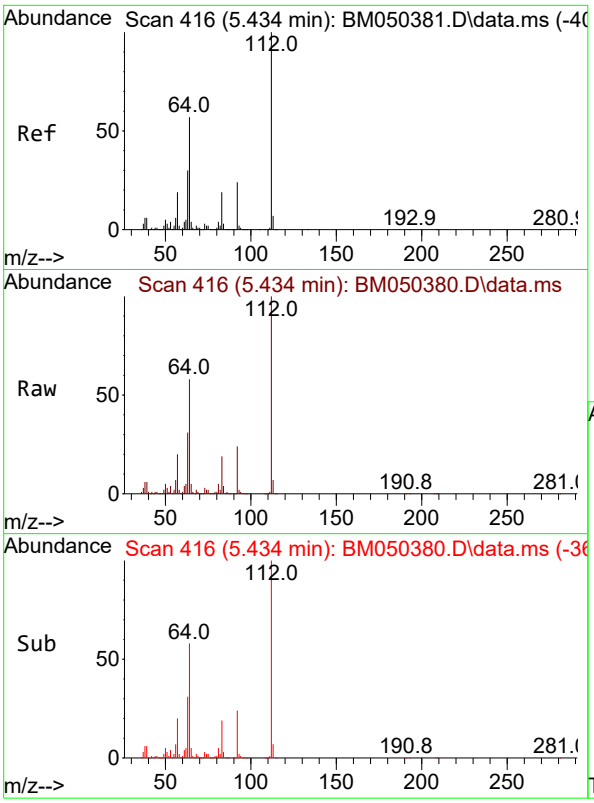


#4
n-Nitrosodimethylamine
Concen: 20.366 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 42 Resp: 215262

Ion	Ratio	Lower	Upper
42	100		
74	115.7	97.5	146.3
44	8.9	5.7	8.5#



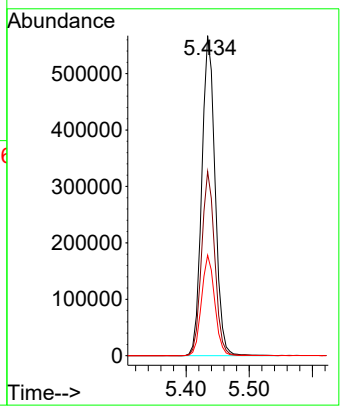


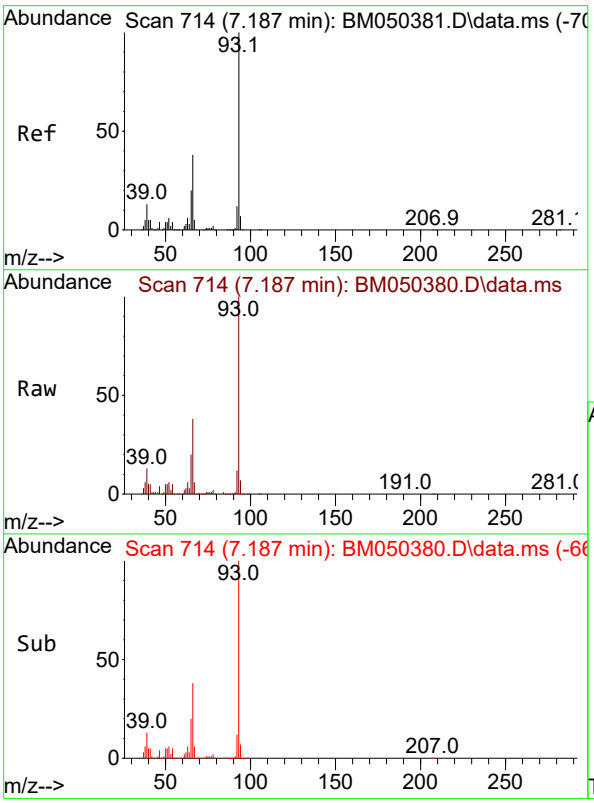
#5
2-Fluorophenol
Concen: 39.560 ng
RT: 5.434 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 830817

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.5	68.3
63	31.4	24.2	36.4

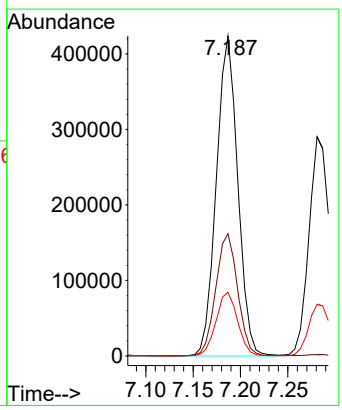


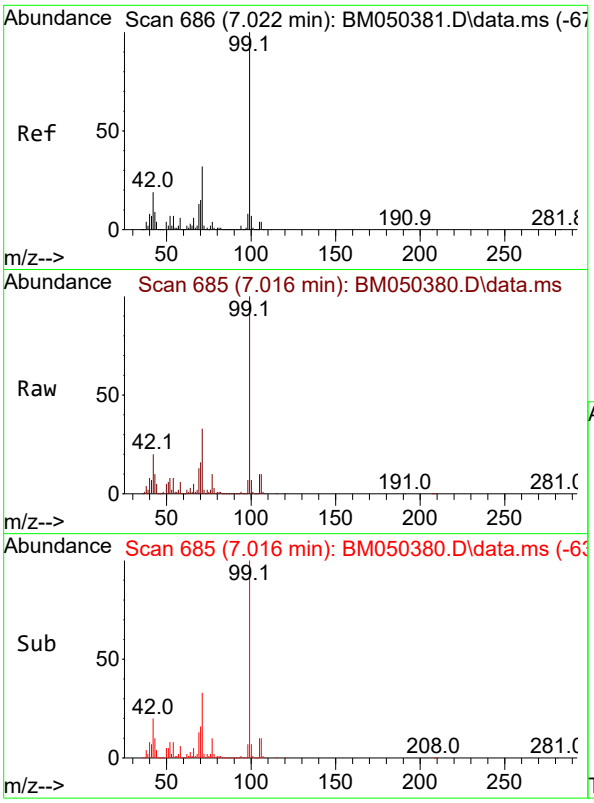


#6
Aniline
Concen: 19.625 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 666785

Ion	Ratio	Lower	Upper
93	100		
66	38.2	30.5	45.7
65	19.9	15.9	23.9



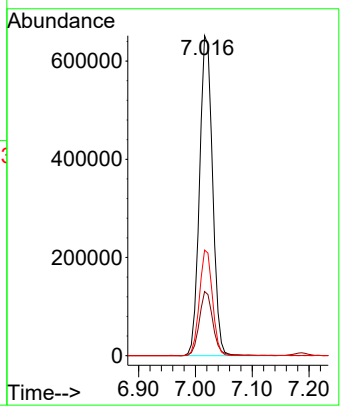


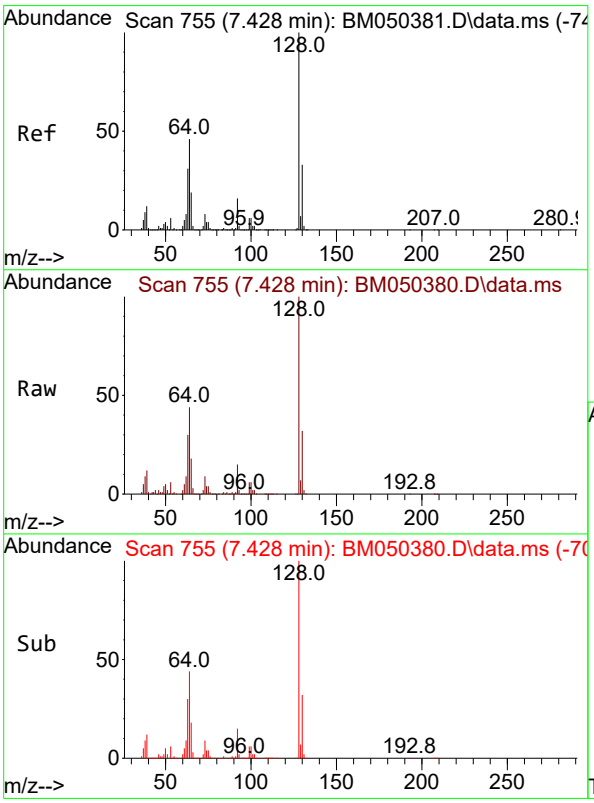
#7
Phenol-d6
Concen: 39.345 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 1041640

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.0	22.6
71	33.0	25.9	38.9

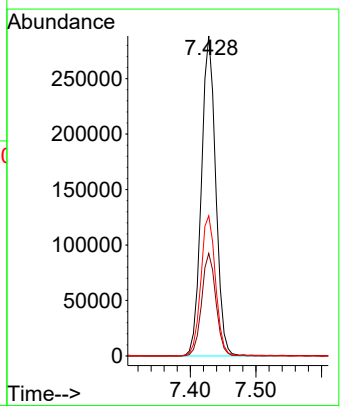


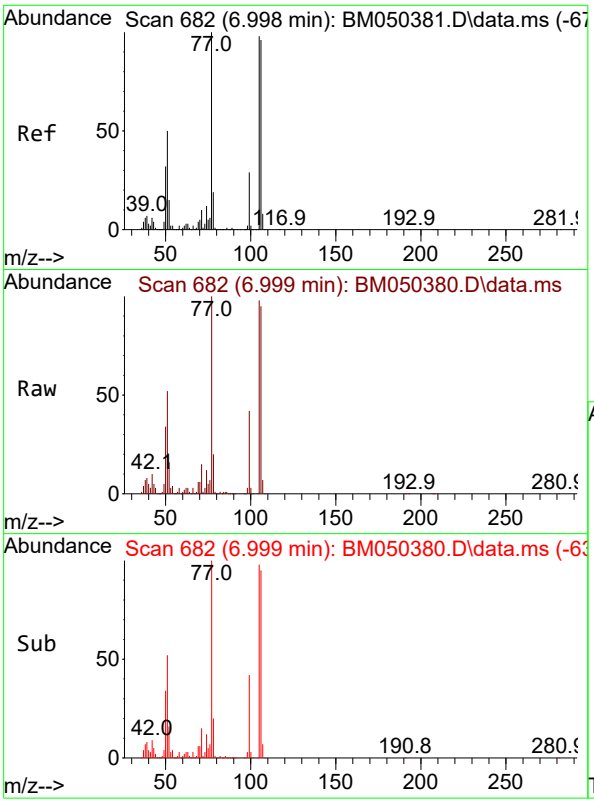


#8
2-Chlorophenol
Concen: 19.898 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:128 Resp: 440657

Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.3	53.3
64	43.8	25.6	65.6



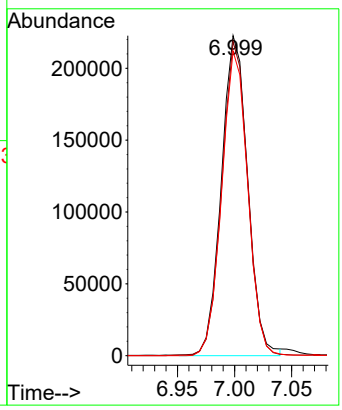


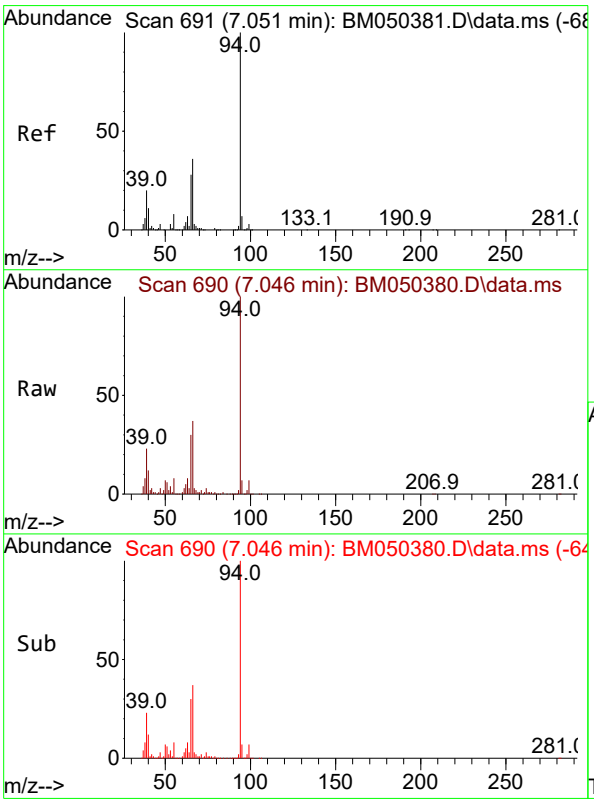
#9
Benzaldehyde
Concen: 22.600 ng m
RT: 6.999 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 355966

Ion	Ratio	Lower	Upper
77	100		
105	98.1	78.4	118.4
106	95.2	76.3	116.3

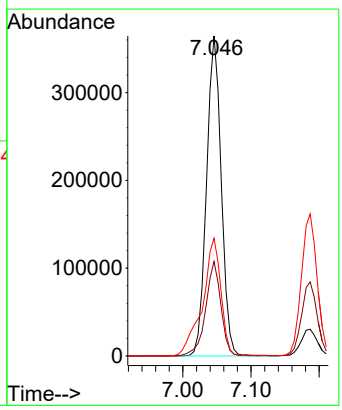


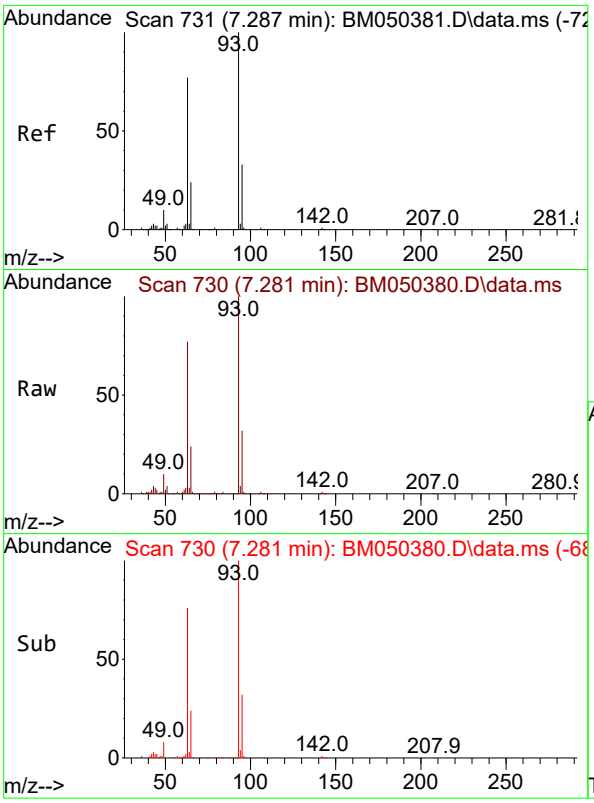


#10
Phenol
Concen: 19.845 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 94 Resp: 548000

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.1	48.1
66	36.8	15.8	55.8



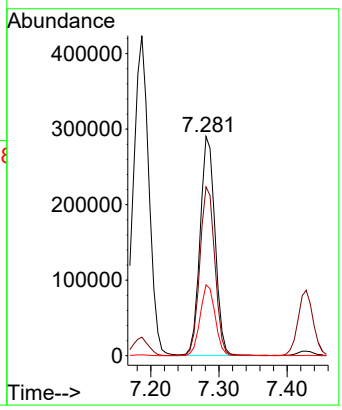


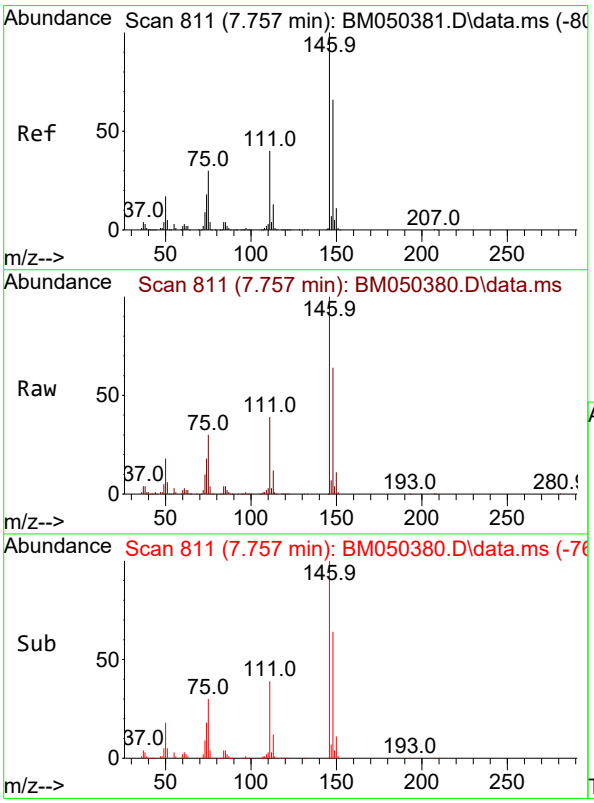
#11
bis(2-Chloroethyl)ether
Concen: 20.000 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 442290

Ion	Ratio	Lower	Upper
93	100		
63	77.0	56.9	96.9
95	32.3	12.6	52.6

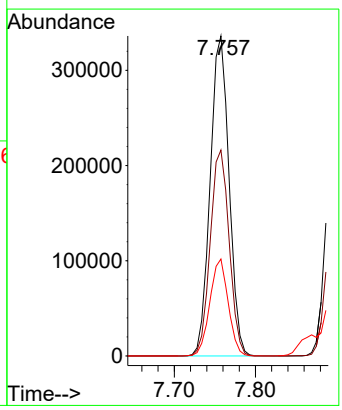


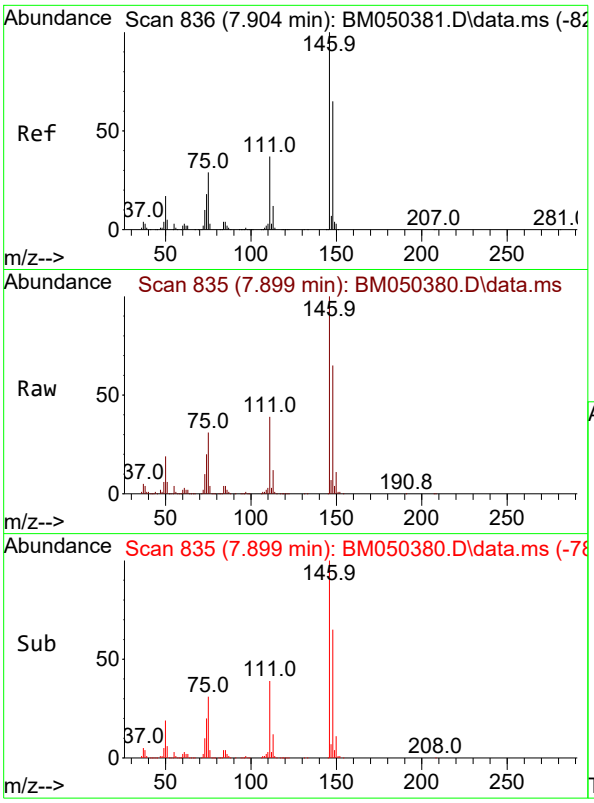


#12
1,3-Dichlorobenzene
Concen: 20.088 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 540913

Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.2	79.8
75	30.3	23.9	35.9



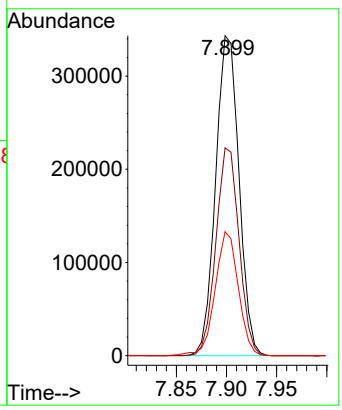


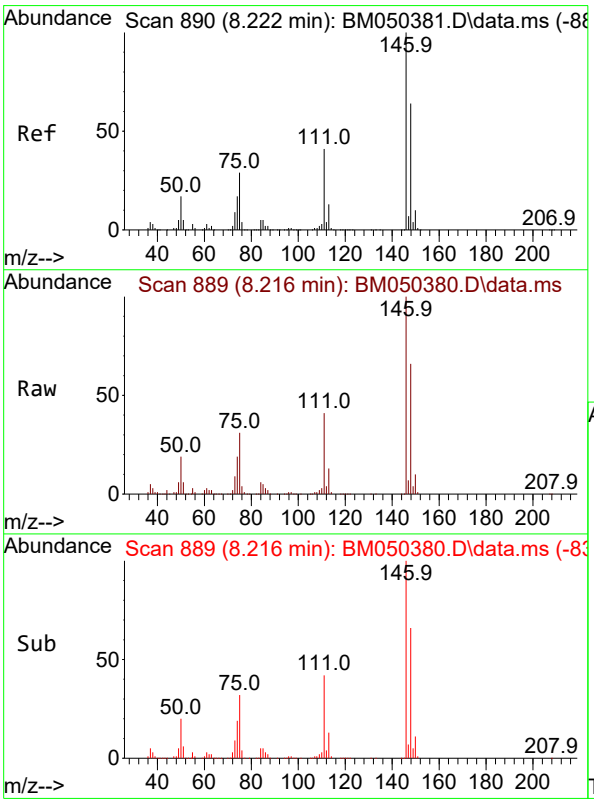
#13
1,4-Dichlorobenzene
Concen: 20.200 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 555418

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	38.8	30.0	45.0

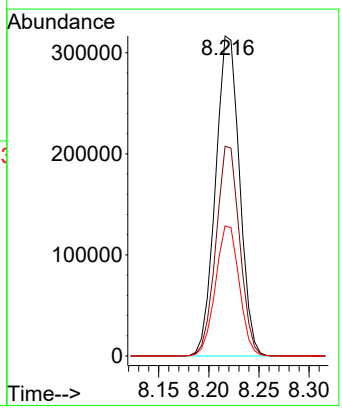


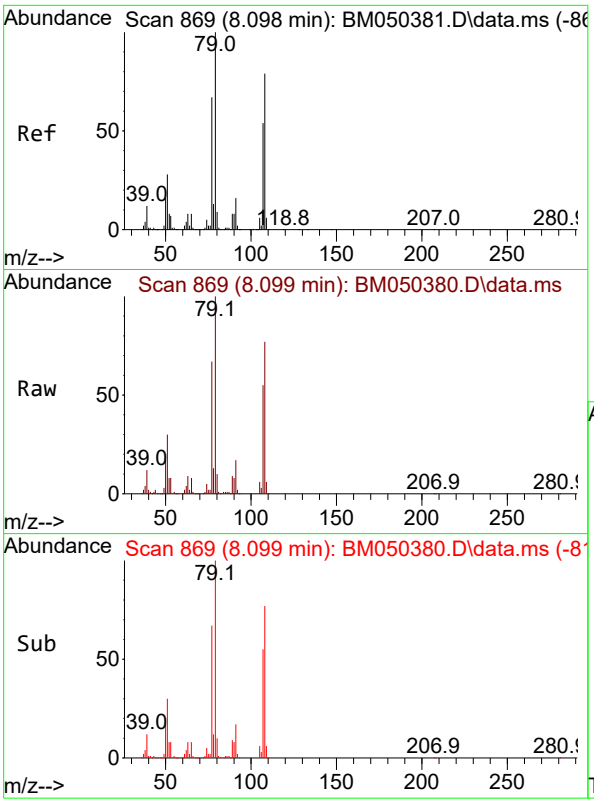


#14
1,2-Dichlorobenzene
Concen: 19.966 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:146 Resp: 525580

Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	40.6	32.6	49.0



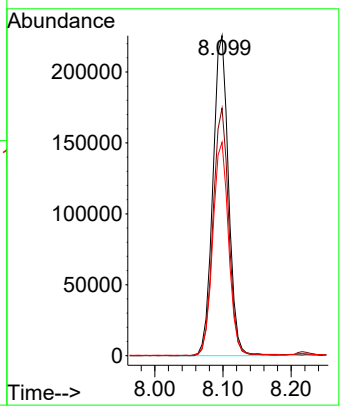


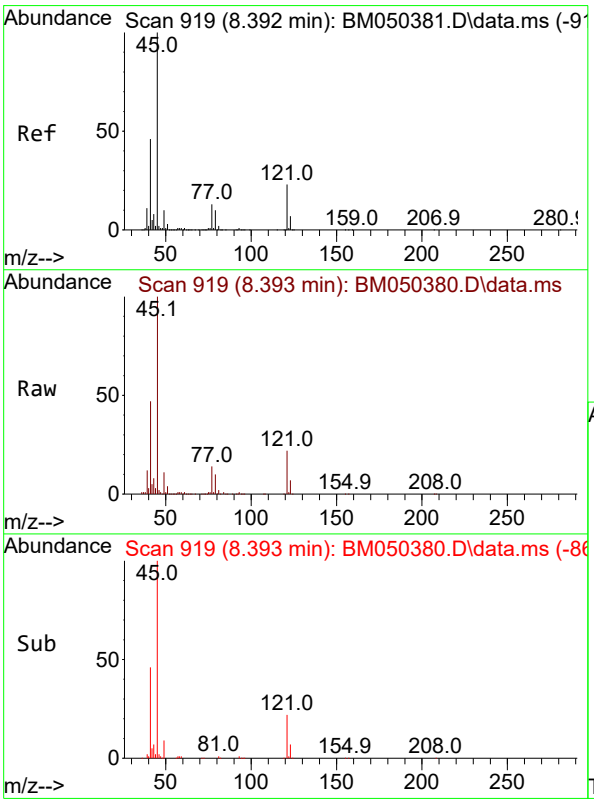
#15
Benzyl Alcohol
Concen: 19.292 ng
RT: 8.099 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 359867

Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.0	94.4
77	66.7	53.4	80.0

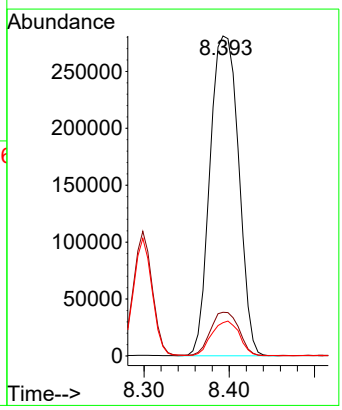


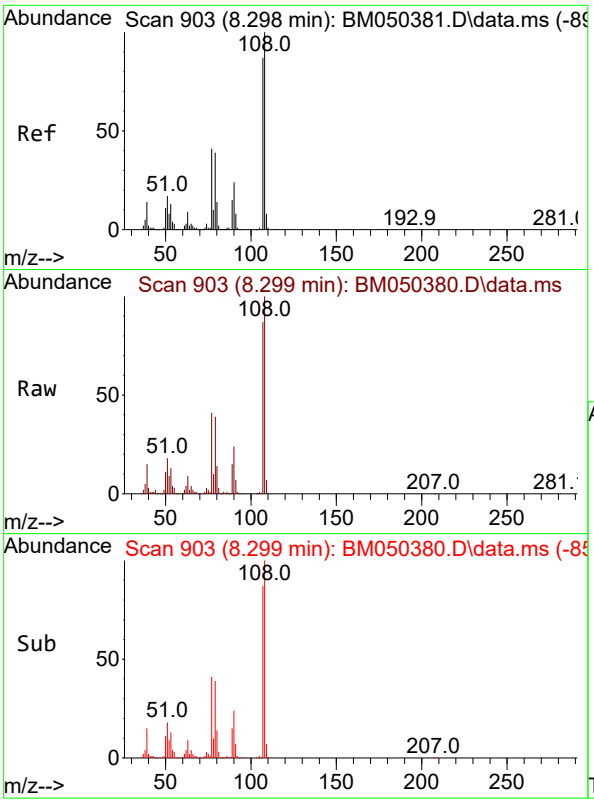


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.176 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 45 Resp: 657213

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



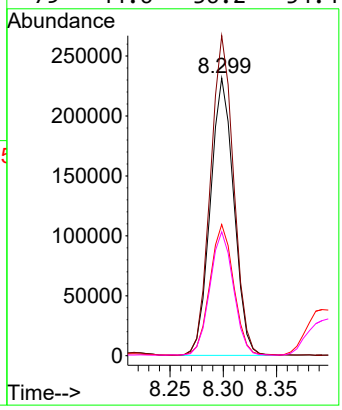


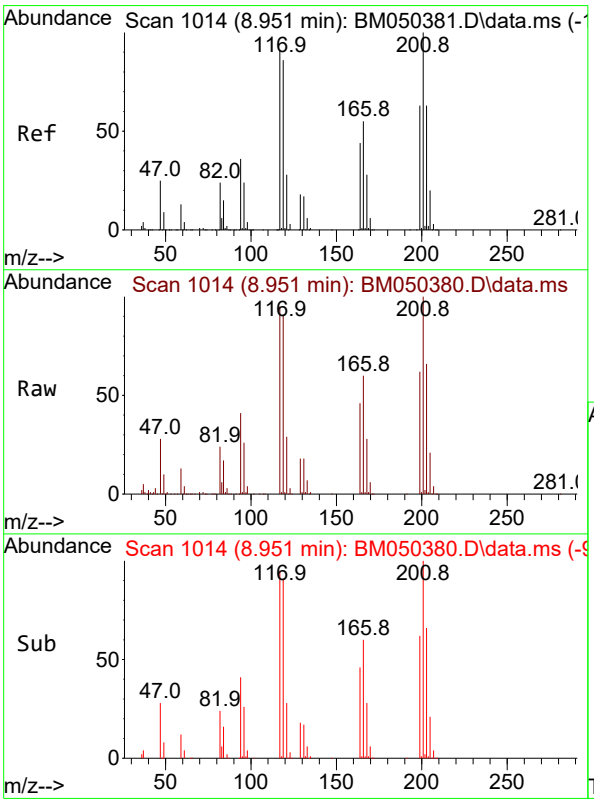
#17
2-Methylphenol
Concen: 19.772 ng
RT: 8.299 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 354110

Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.1	138.1
77	47.3	38.2	57.4
79	44.6	36.2	54.4

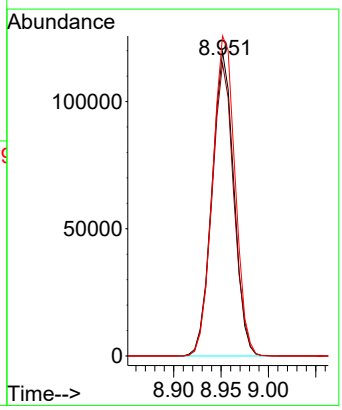


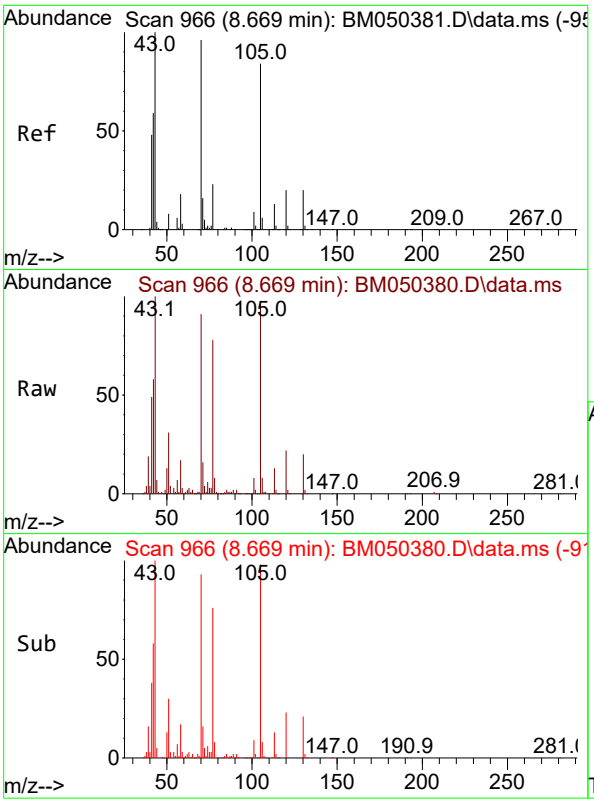


#18
Hexachloroethane
Concen: 19.883 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:117 Resp: 192269

Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.6	113.4
201	105.2	87.9	131.9



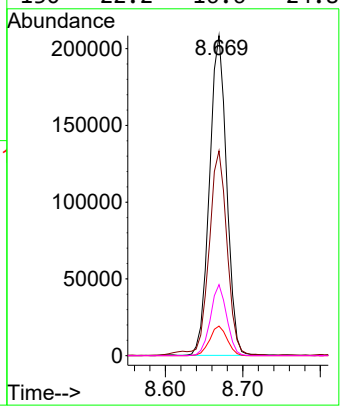


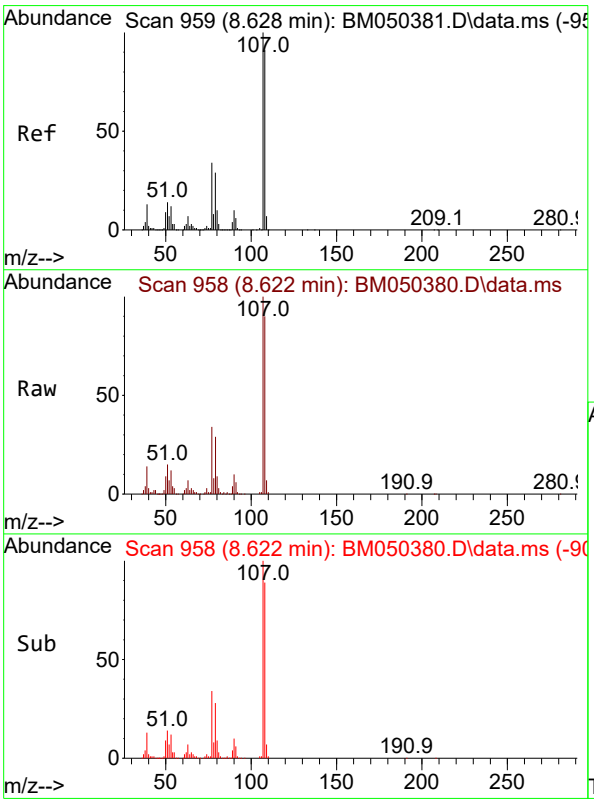
#19
n-Nitroso-di-n-propylamine
Concen: 20.010 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 320932

Ion	Ratio	Lower	Upper
70	100		
42	64.0	49.7	74.5
101	9.2	7.7	11.5
130	22.2	16.6	24.8

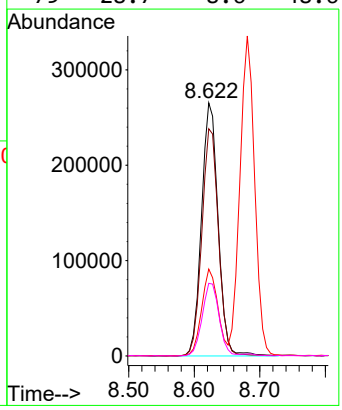


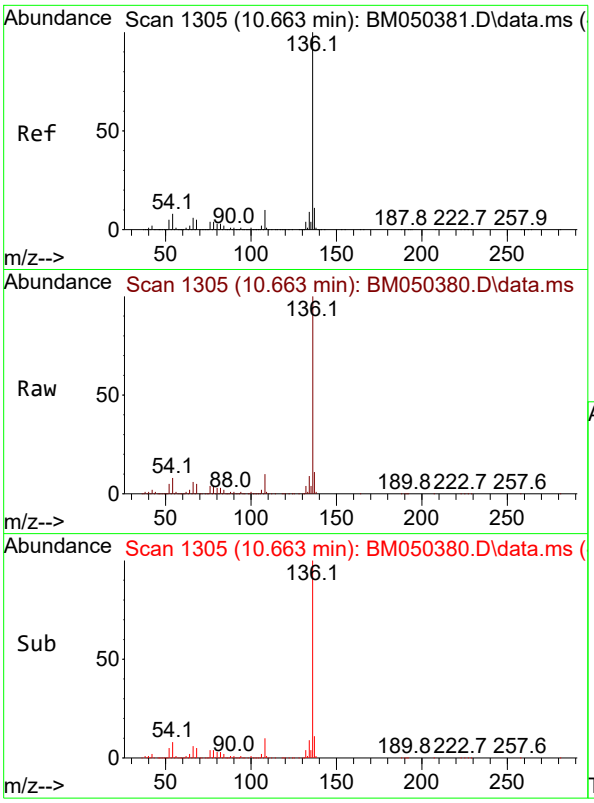


#20
3+4-Methylphenols
Concen: 19.493 ng
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 468665

Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.5	111.5
77	34.3	13.7	53.7
79	28.7	8.6	48.6



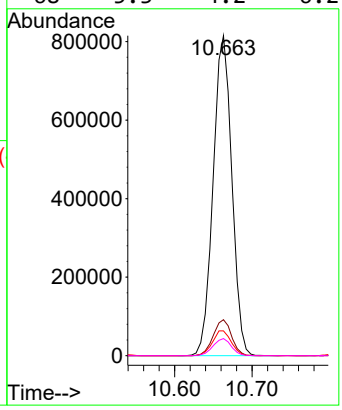


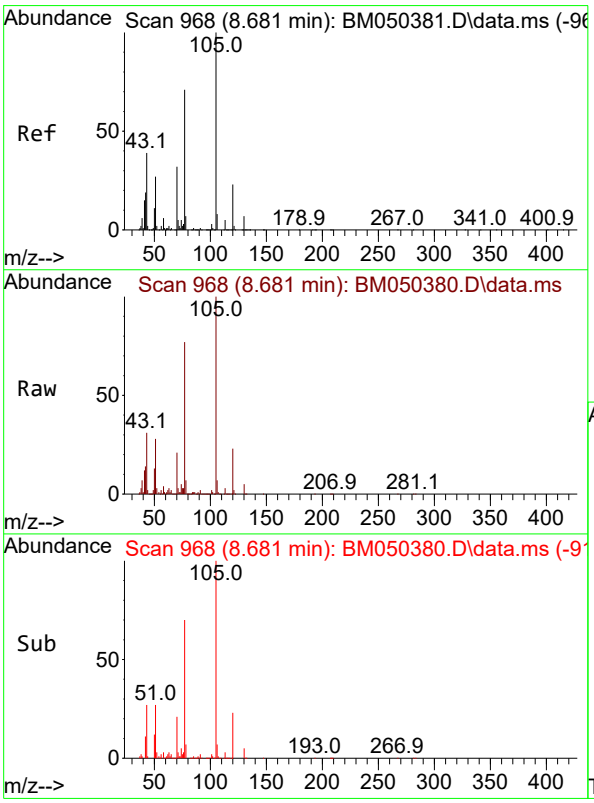
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1364913

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.7	6.3	9.5
68	5.3	4.2	6.2

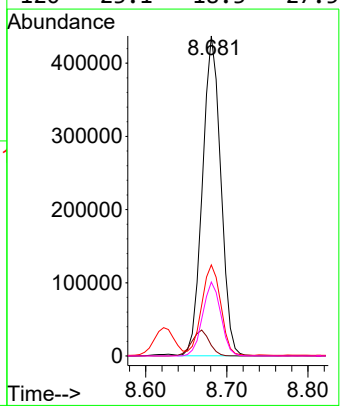


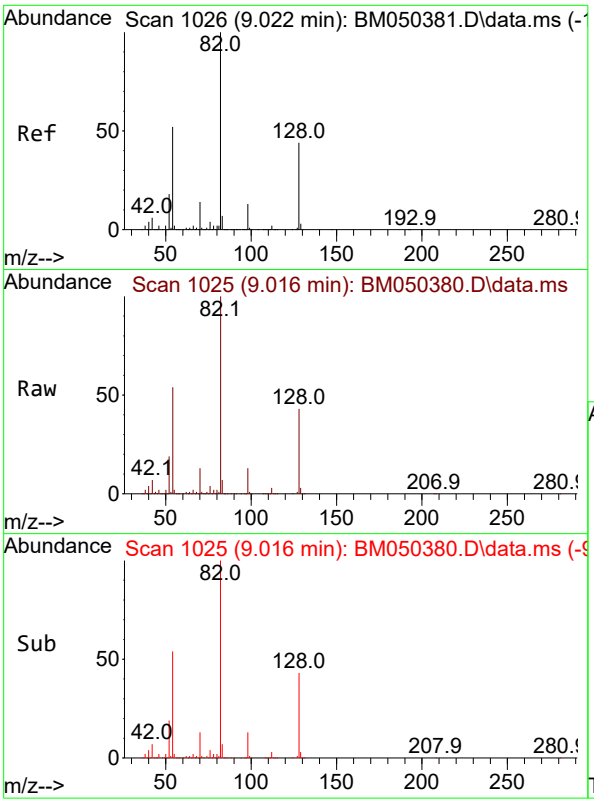


#22
Acetophenone
Concen: 20.046 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:105 Resp: 684104

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	28.4	23.0	34.6
120	23.1	18.3	27.5



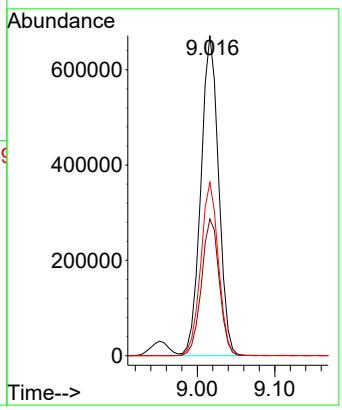


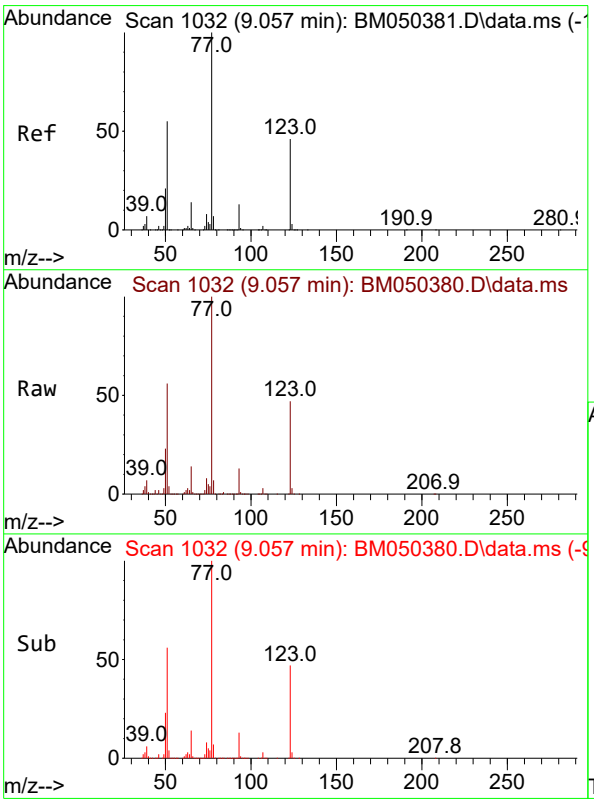
#23
Nitrobenzene-d5
Concen: 39.813 ng
RT: 9.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 1065139

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	54.1	41.5	62.3

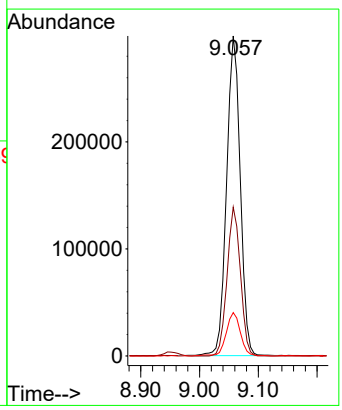


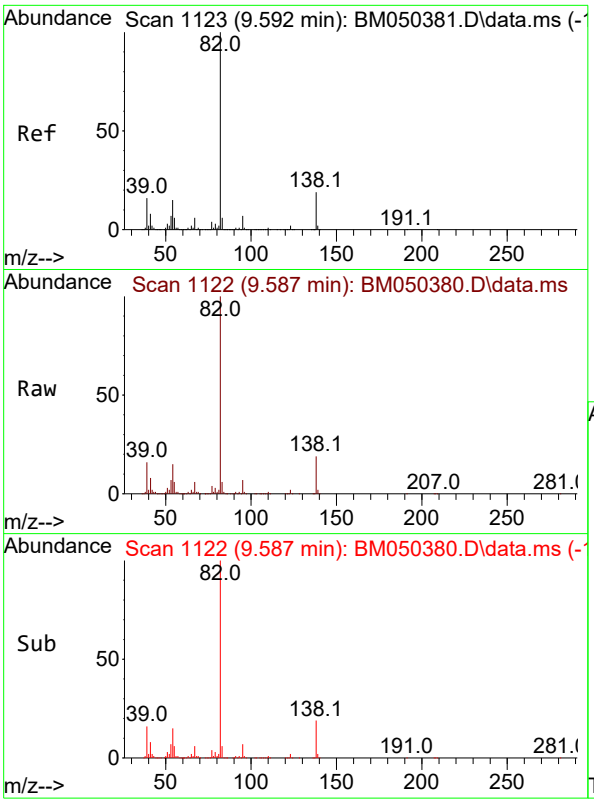


#24
Nitrobenzene
Concen: 20.179 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 77 Resp: 481755

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.0	55.6
65	13.5	11.0	16.4



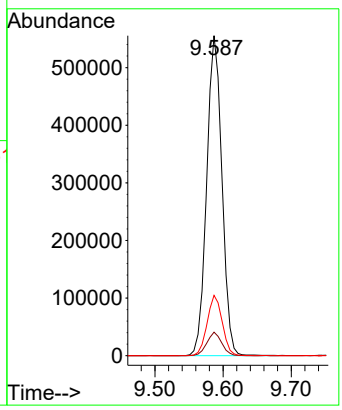


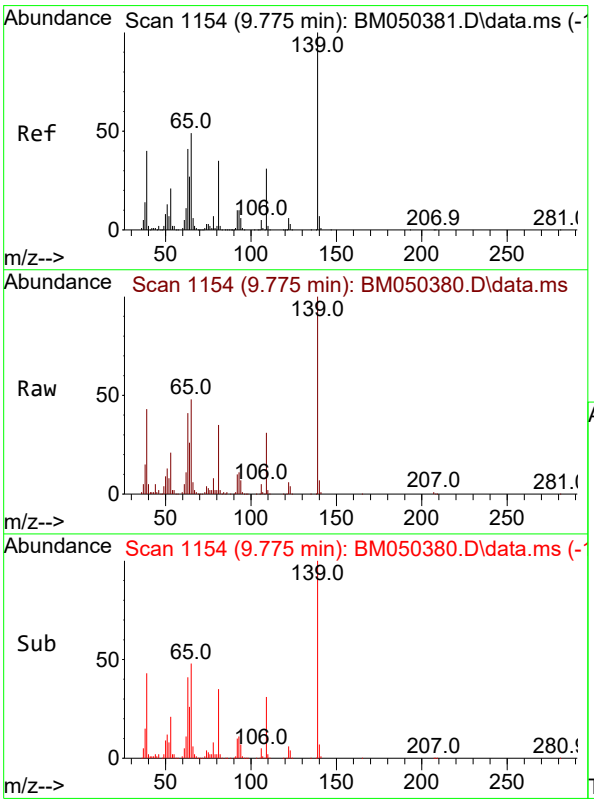
#25
Isophorone
Concen: 19.946 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 865912

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.8	15.3	22.9

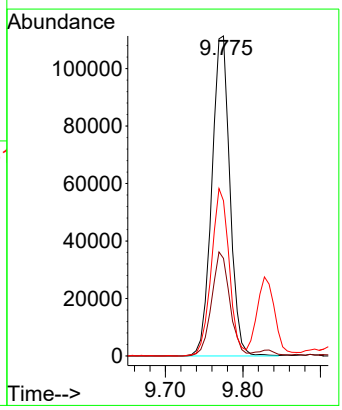


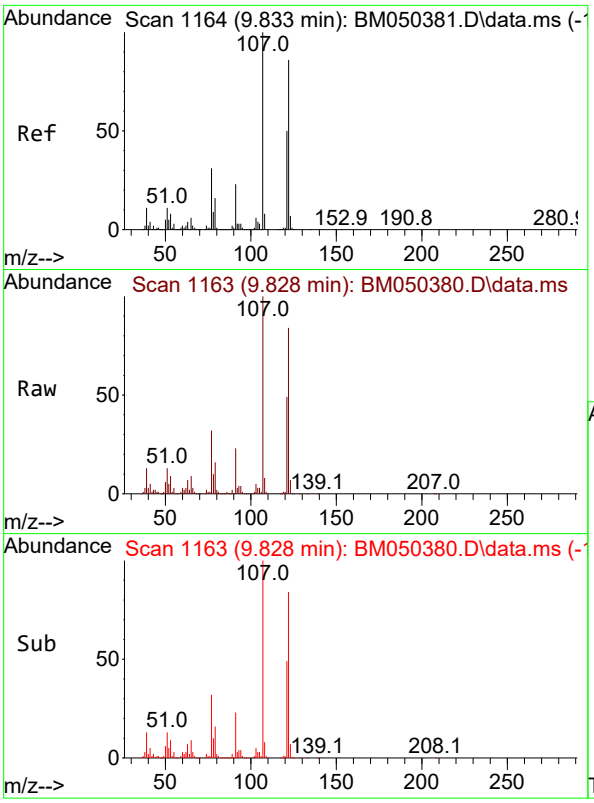


#26
2-Nitrophenol
Concen: 18.532 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 180315

Ion	Ratio	Lower	Upper
139	100		
109	30.5	24.6	36.8
65	48.5	39.2	58.8



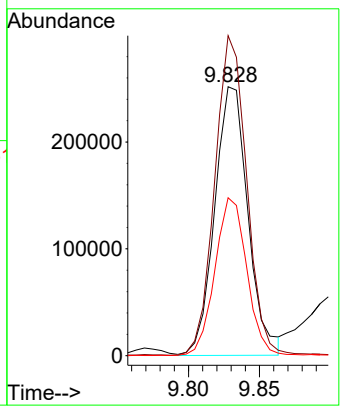


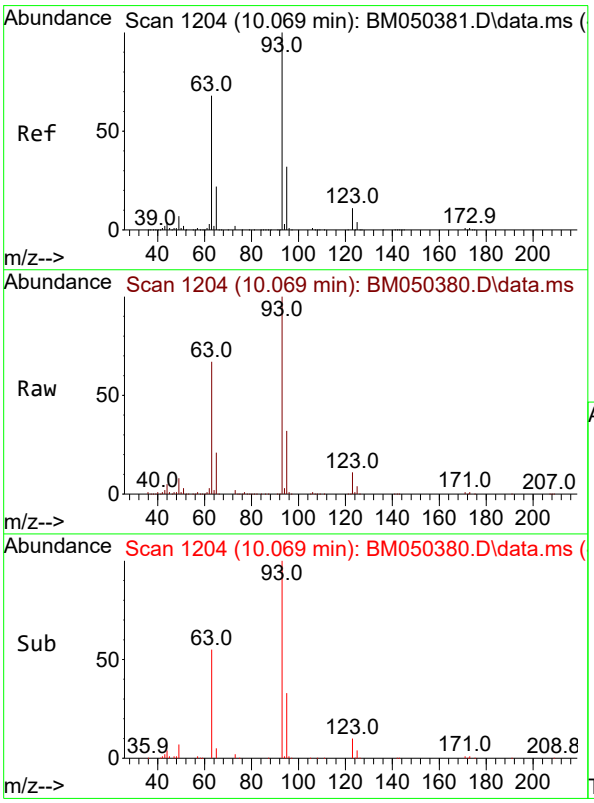
#27
2,4-Dimethylphenol
Concen: 19.828 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 410521

Ion	Ratio	Lower	Upper
122	100		
107	119.0	93.0	139.6
121	58.7	46.1	69.1

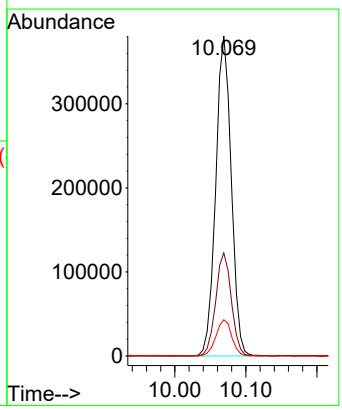


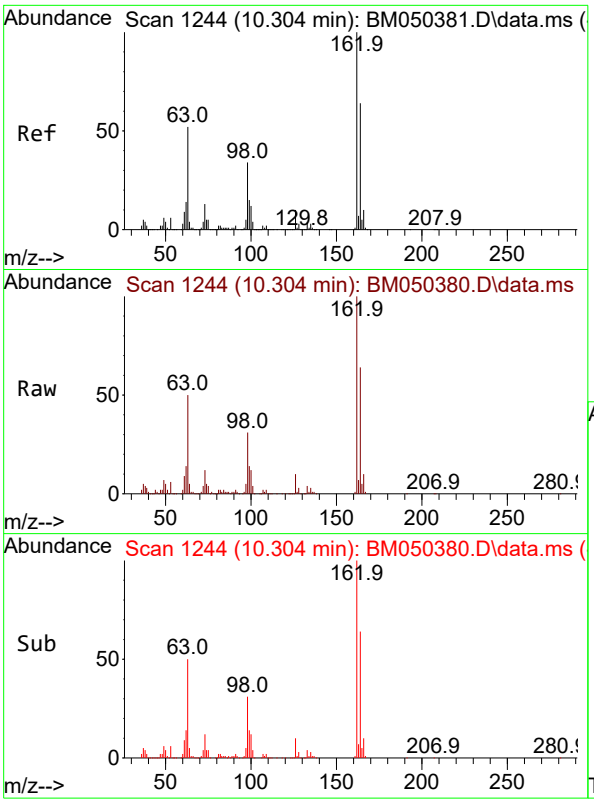


#28
bis(2-Chloroethoxy)methane
Concen: 20.023 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 93 Resp: 575979

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.3	9.1	13.7



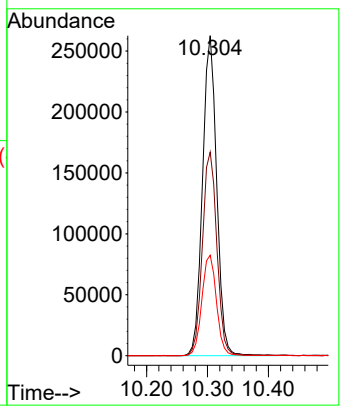


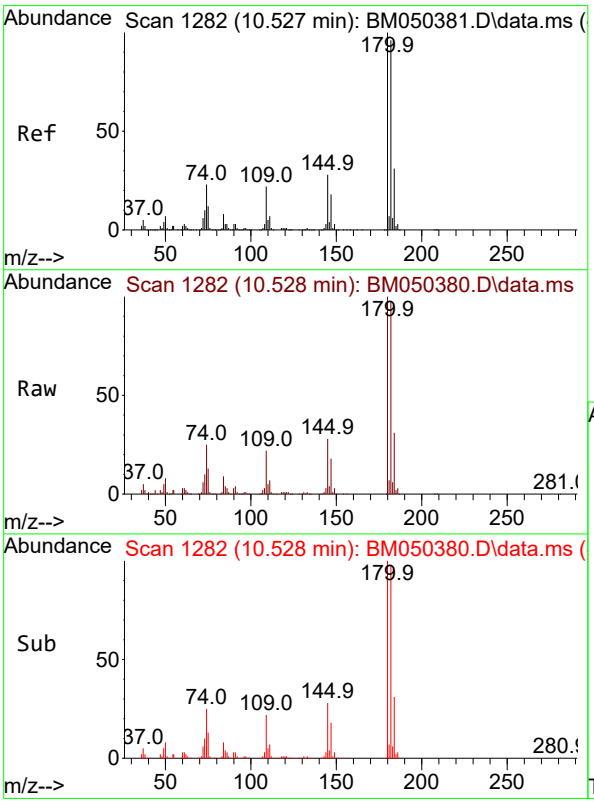
#29
2,4-Dichlorophenol
Concen: 19.970 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 424771

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	31.4	13.7	53.7

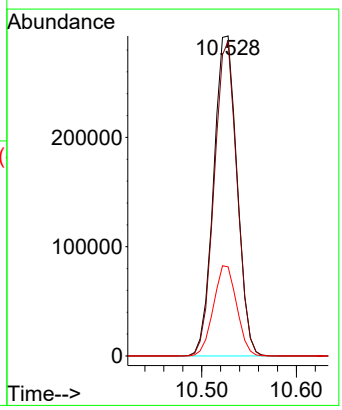


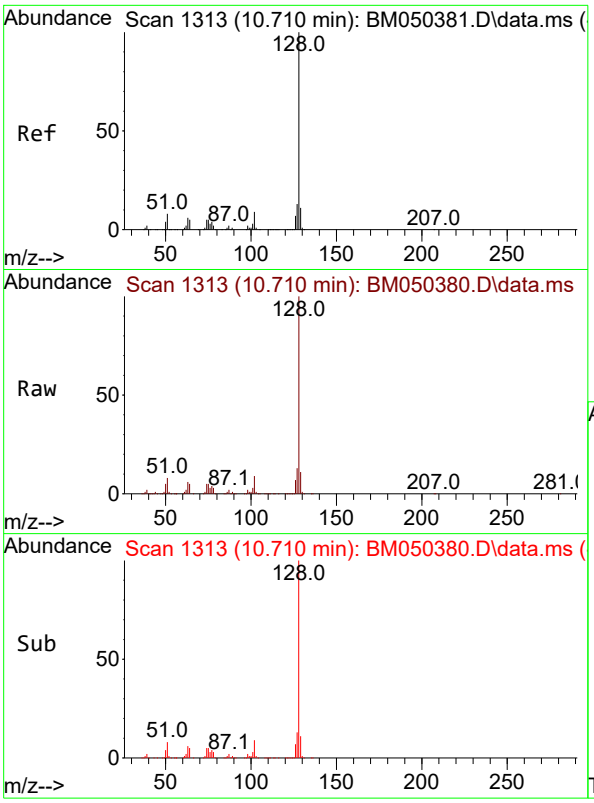


#30
1,2,4-Trichlorobenzene
Concen: 19.769 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:180 Resp: 503042

Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.8	115.2
145	27.9	22.6	33.8



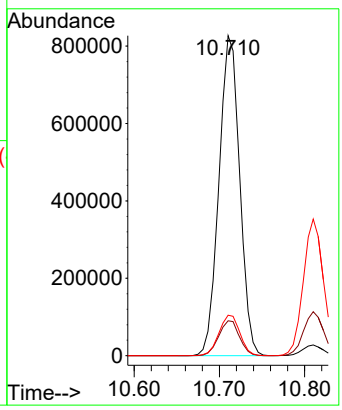


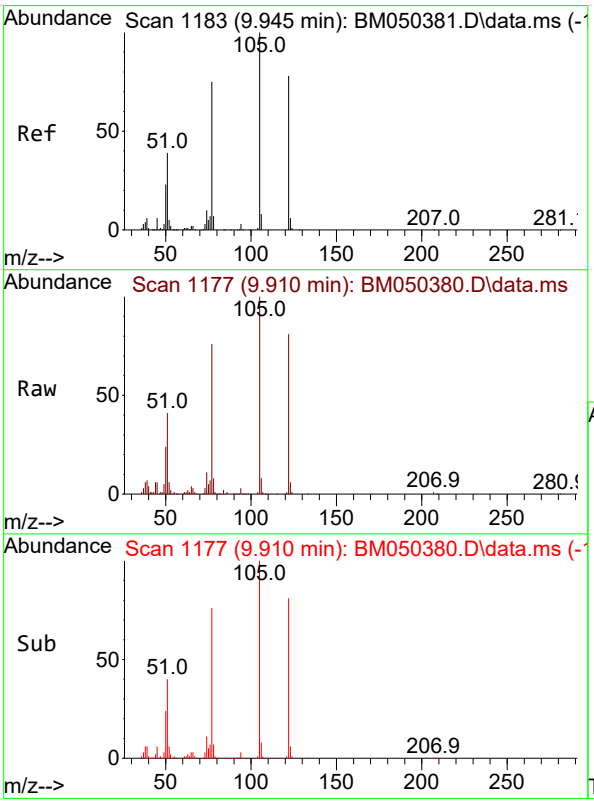
#31
Naphthalene
Concen: 20.160 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1397680

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.7	10.4	15.6

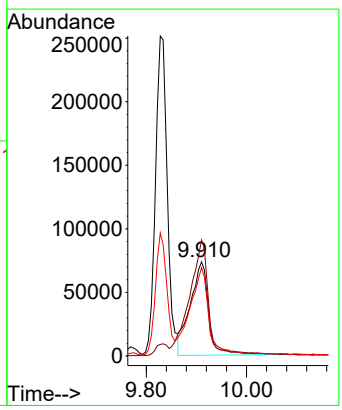


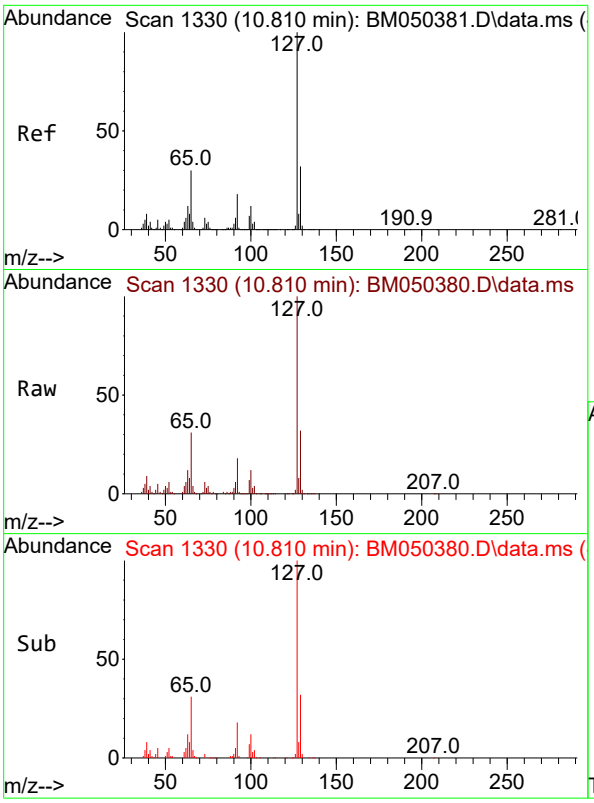


#32
Benzoic acid
Concen: 19.011 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.035 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:122 Resp: 189237

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.0	144.0
77	93.9	73.8	113.8



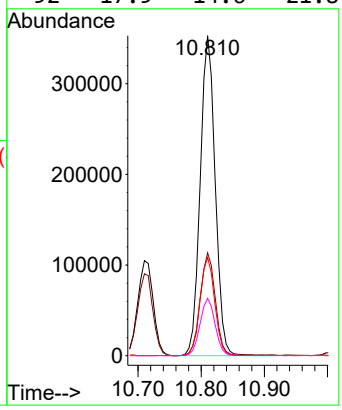


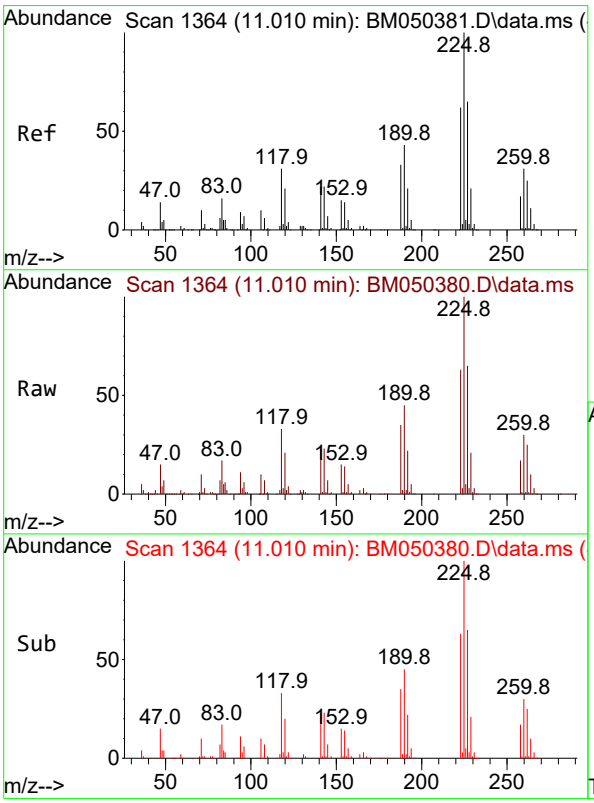
#33
4-Chloroaniline
Concen: 19.867 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 582272

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	30.7	23.9	35.9
92	17.9	14.6	21.8

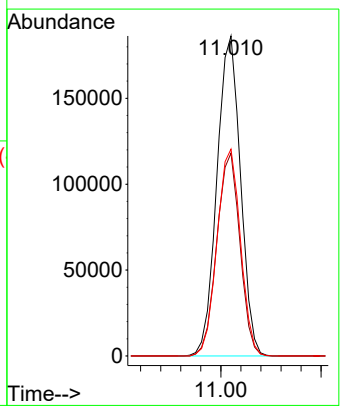


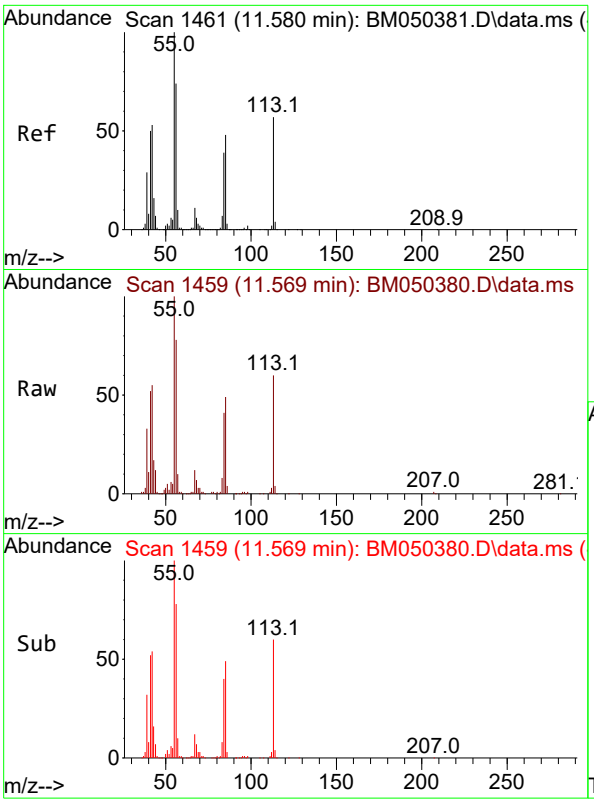


#34
Hexachlorobutadiene
Concen: 19.552 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:225 Resp: 303657

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.7	52.1	78.1



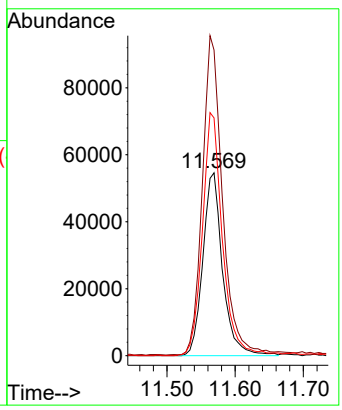


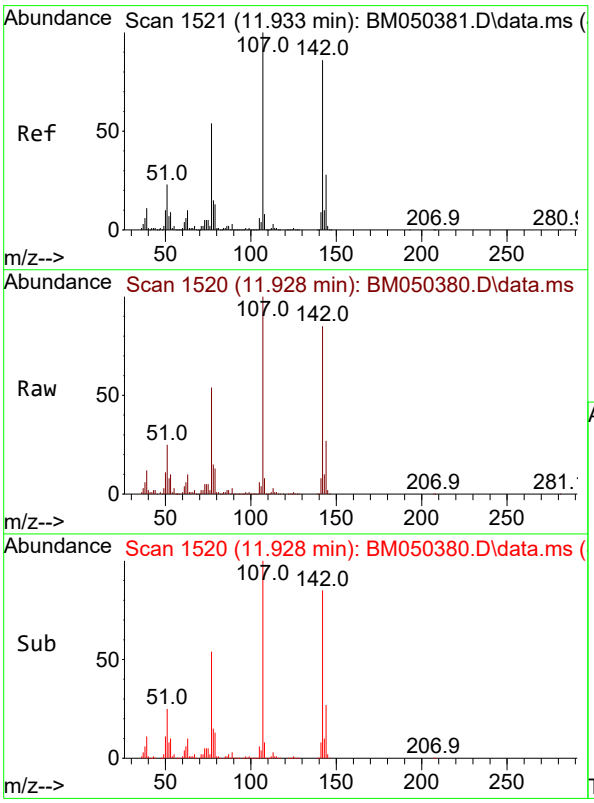
#35
Caprolactam
Concen: 18.951 ng
RT: 11.569 min Scan# 14
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 110042

Ion	Ratio	Lower	Upper
113	100		
55	167.1	157.2	197.2
56	130.0	111.7	151.7

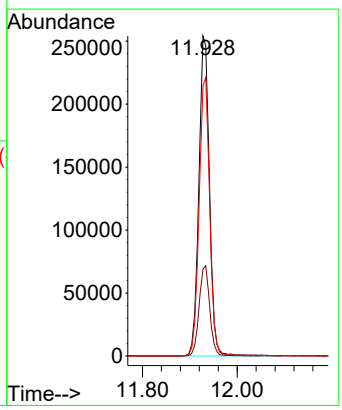


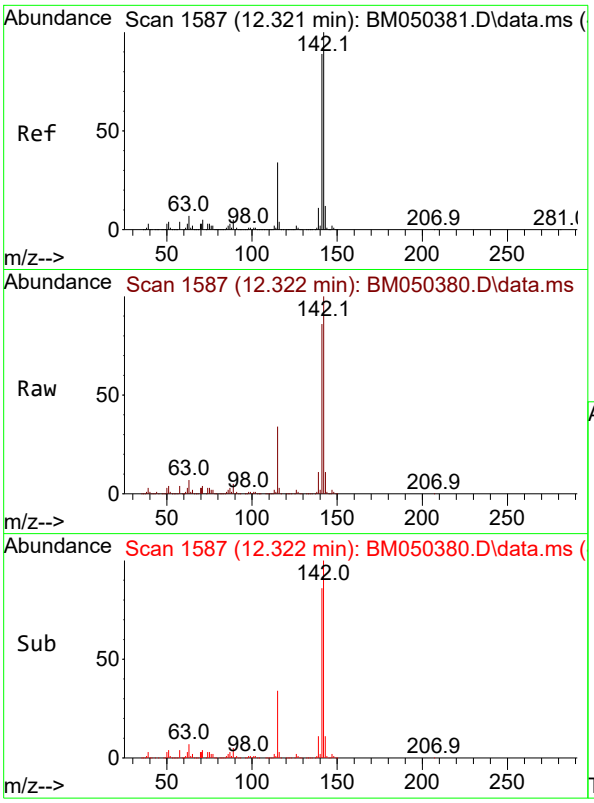


#36
4-Chloro-3-methylphenol
Concen: 19.804 ng
RT: 11.928 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:107 Resp: 393366

Ion	Ratio	Lower	Upper
107	100		
144	27.2	22.2	33.4
142	84.5	68.7	103.1



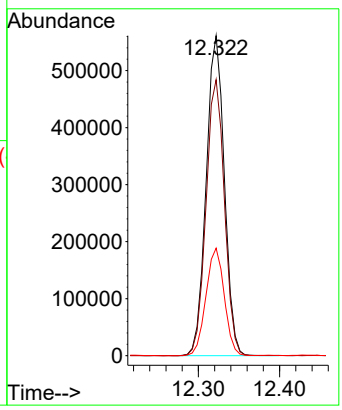


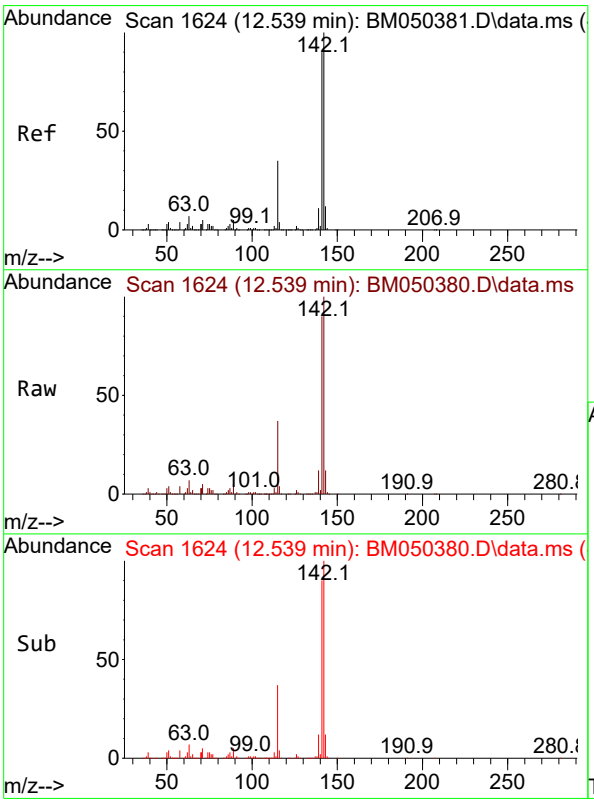
#37
2-Methylnaphthalene
Concen: 19.906 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 871365

Ion	Ratio	Lower	Upper
142	100		
141	86.3	70.8	106.2
115	33.6	27.0	40.4

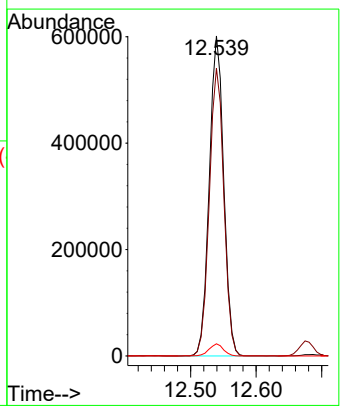


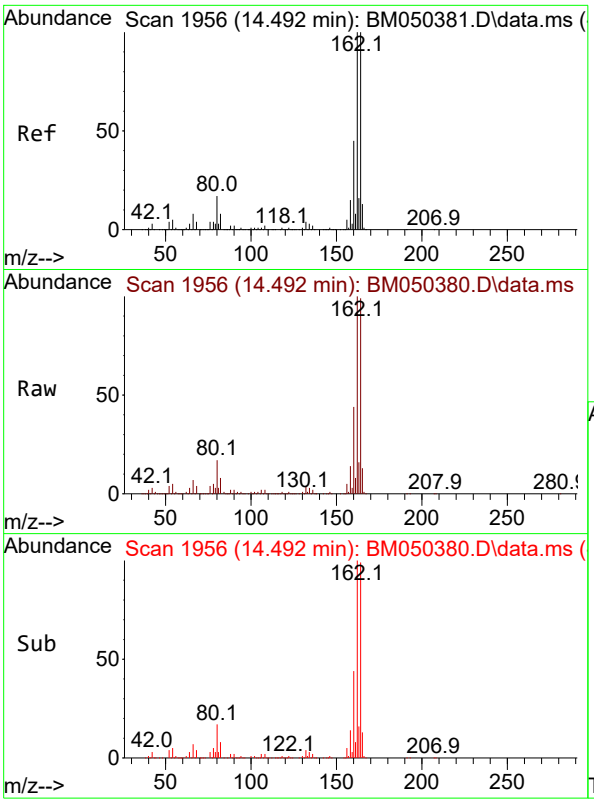


#38
1-Methylnaphthalene
Concen: 19.872 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:142 Resp: 920592

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
116	3.8	3.0	4.6



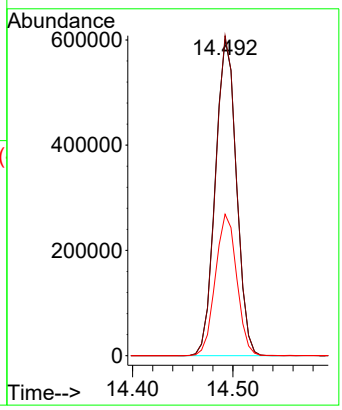


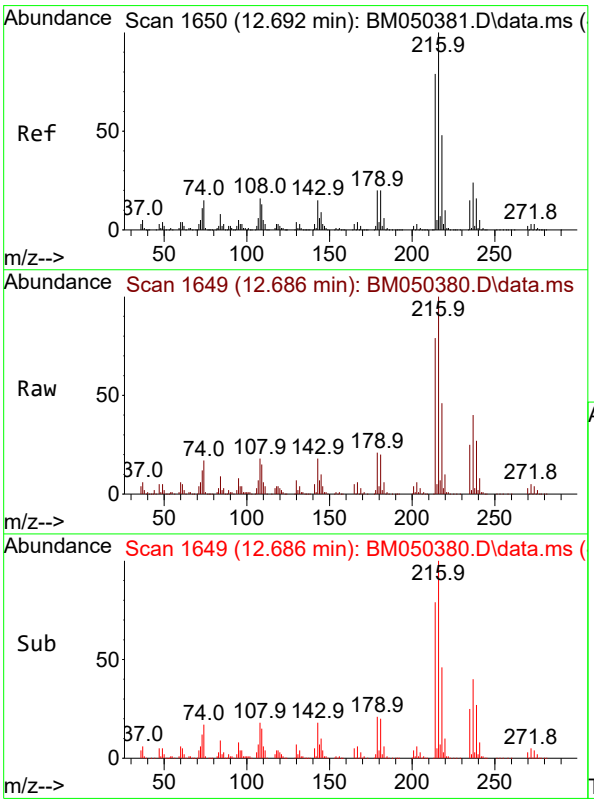
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 879171

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.7	36.2	54.4

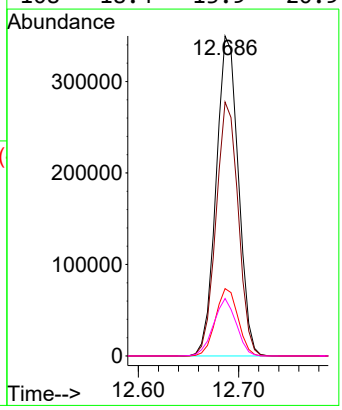


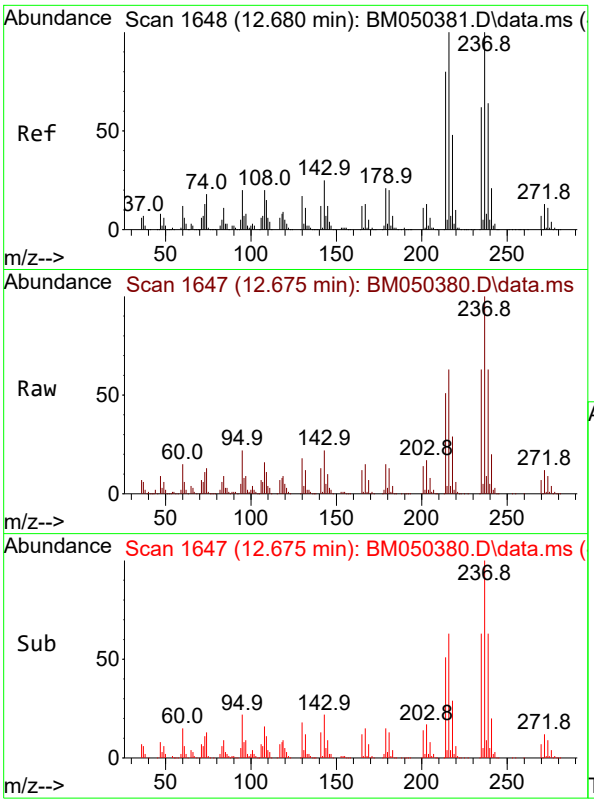


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.205 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:216 Resp: 536934

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	21.3	16.4	24.6
108	18.4	13.9	20.9



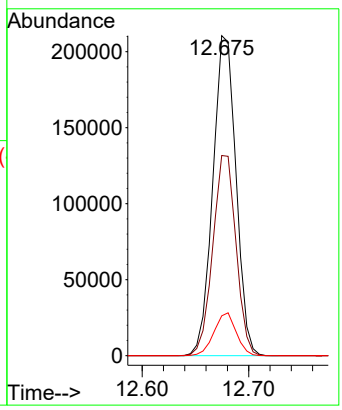


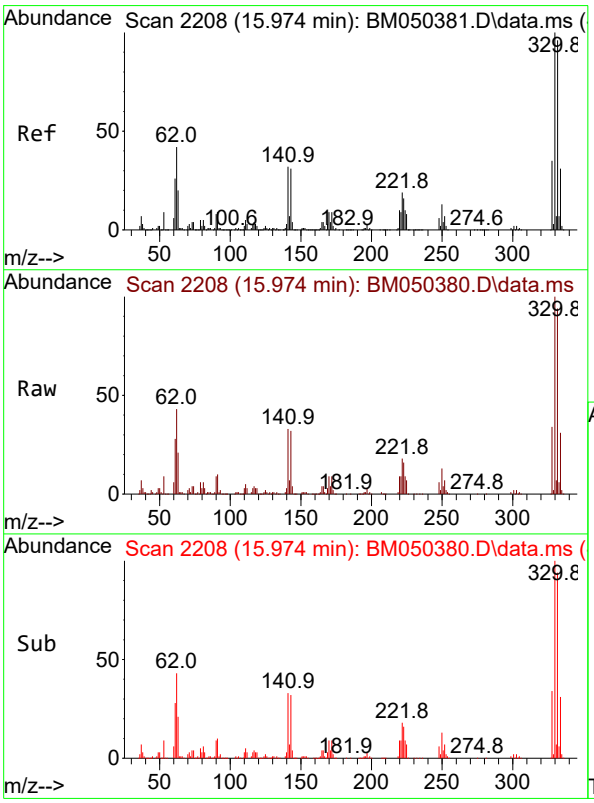
#41
Hexachlorocyclopentadiene
Concen: 17.766 ng
RT: 12.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 317506

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.3	82.3
272	12.5	0.0	33.0

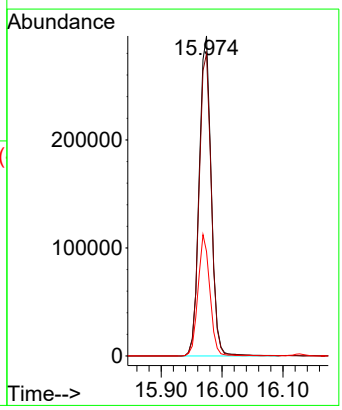


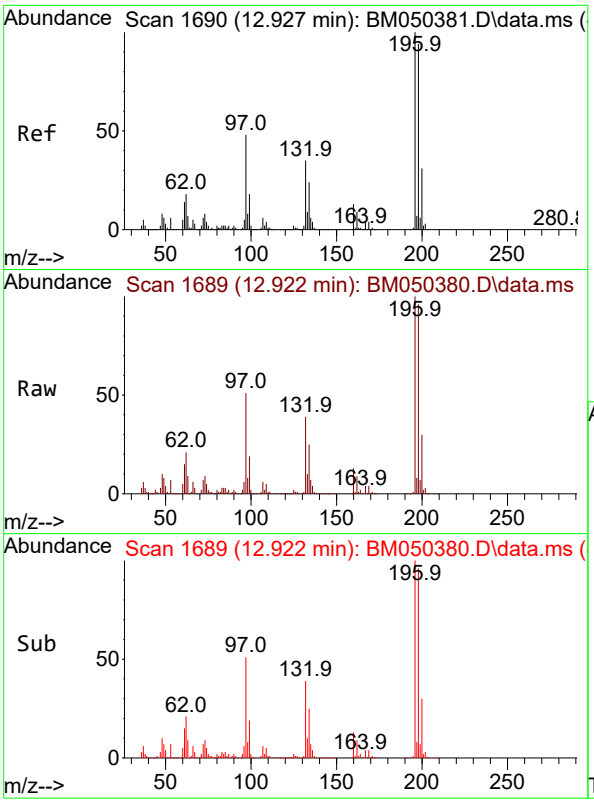


#42
2,4,6-Tribromophenol
Concen: 37.846 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:330 Resp: 404270

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	37.3	27.4	41.0



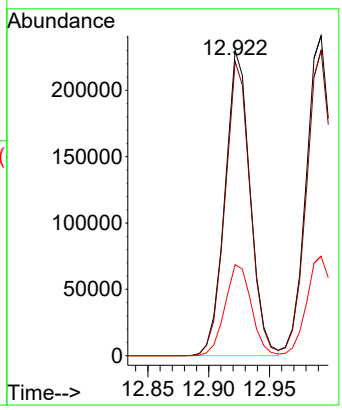


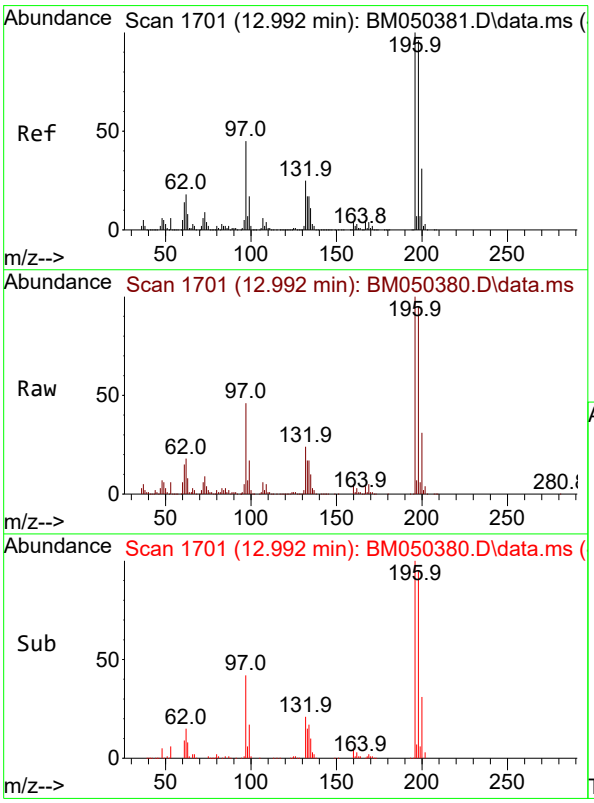
#43
2,4,6-Trichlorophenol
Concen: 19.263 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 331504

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	29.8	24.6	37.0

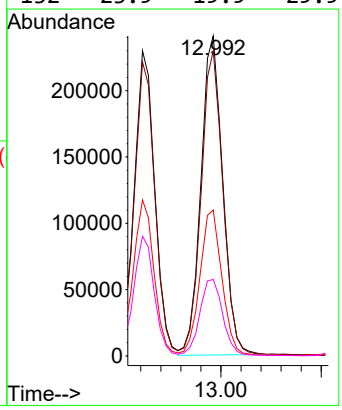


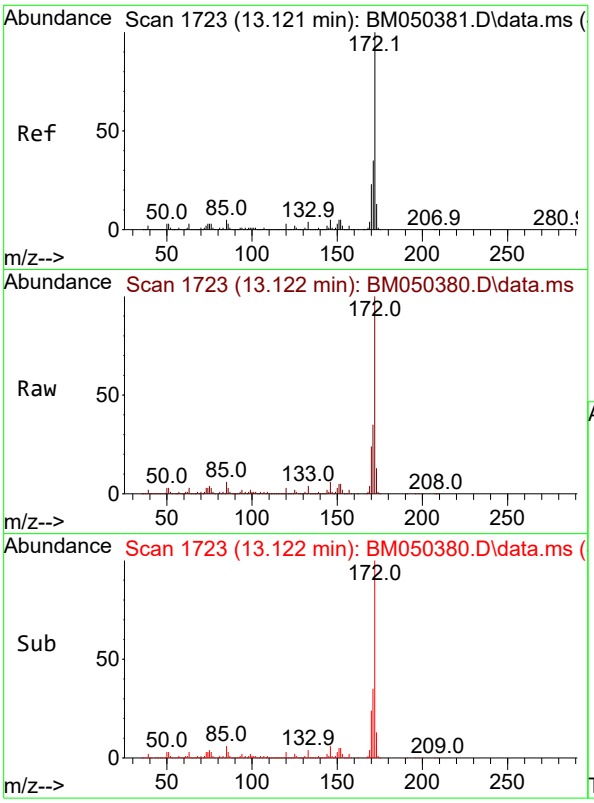


#44
2,4,5-Trichlorophenol
Concen: 19.408 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:196 Resp: 364770

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	45.6	36.2	54.4
132	23.9	19.9	29.9



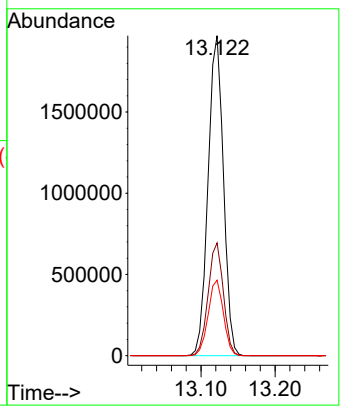


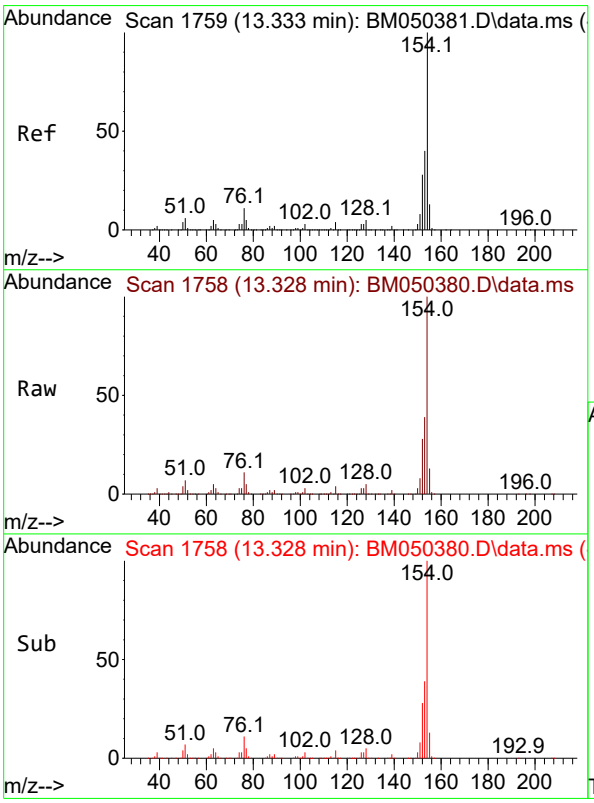
#45
2-Fluorobiphenyl
Concen: 39.780 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 2831991

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.7	41.5
170	23.6	18.8	28.2

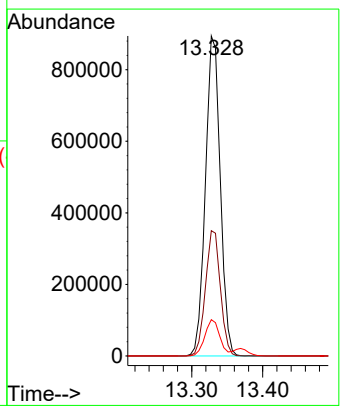


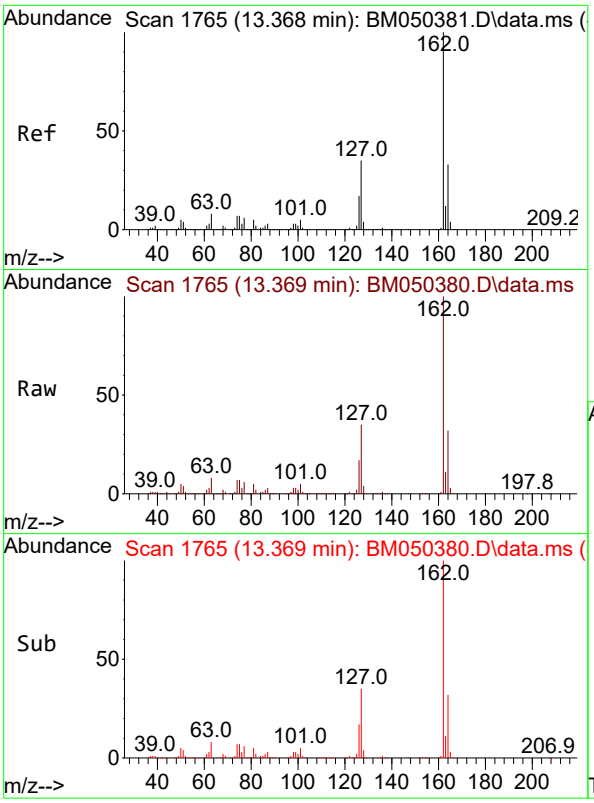


#46
1,1'-Biphenyl
Concen: 19.936 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 1300397

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	11.4	0.0	30.9



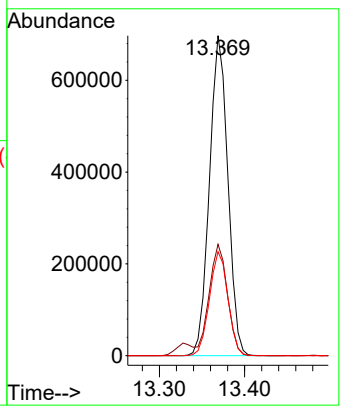


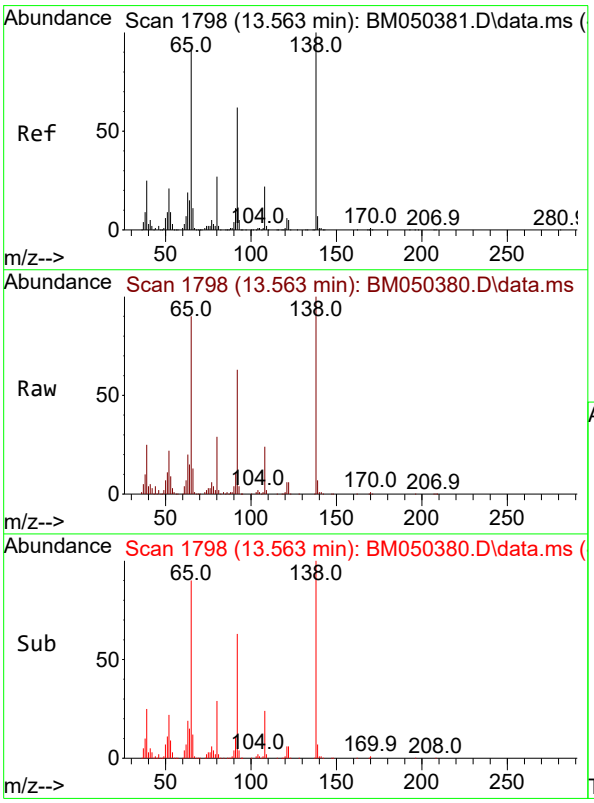
#47
2-Chloronaphthalene
Concen: 20.066 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 1043593

Ion	Ratio	Lower	Upper
162	100		
127	34.8	28.3	42.5
164	32.5	26.6	40.0

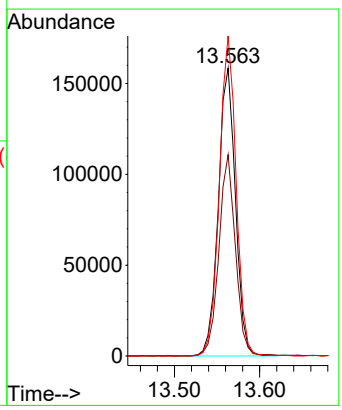


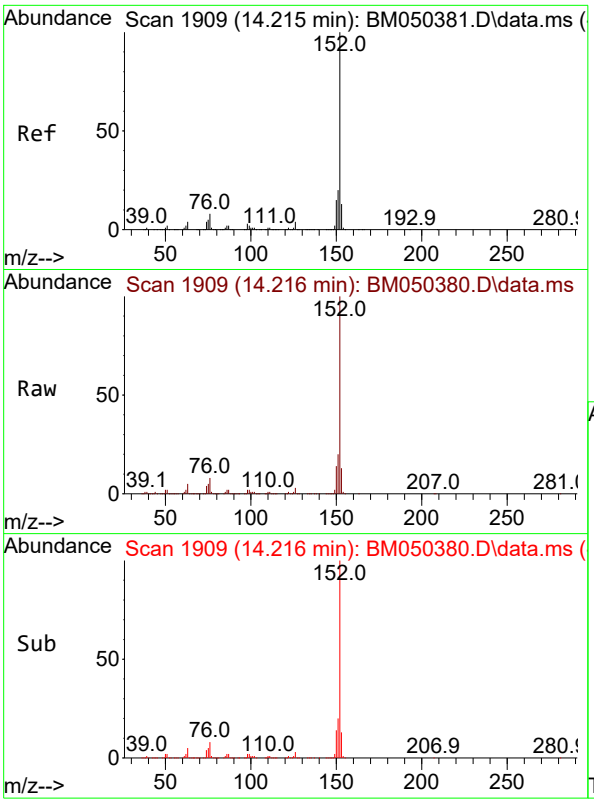


#48
2-Nitroaniline
Concen: 19.132 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion: 65 Resp: 222094

Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.3	81.5
138	111.1	87.8	131.6



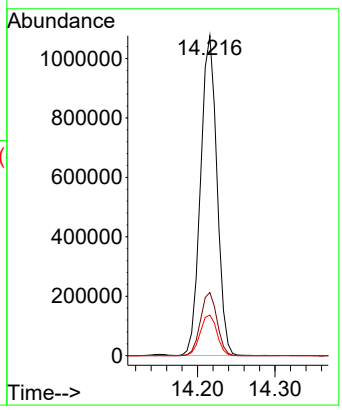


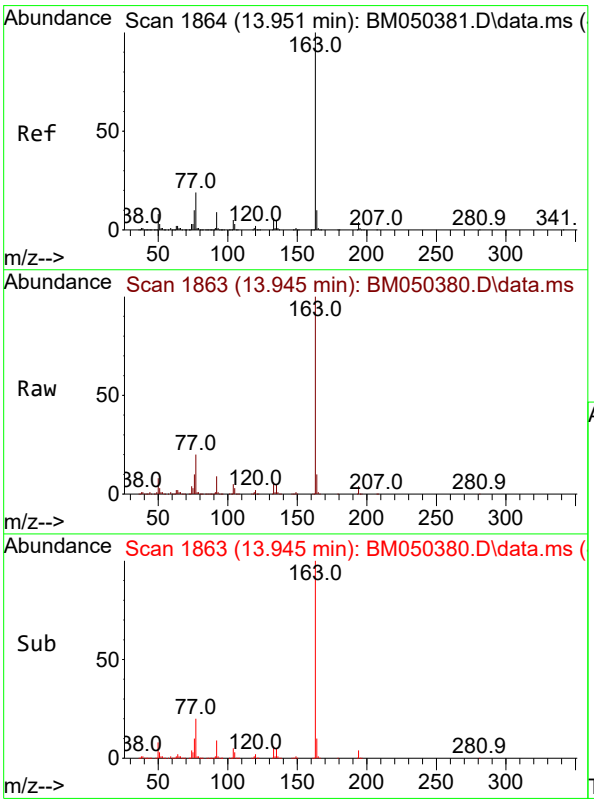
#49
Acenaphthylene
Concen: 20.078 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1578057

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.7	10.6	15.8

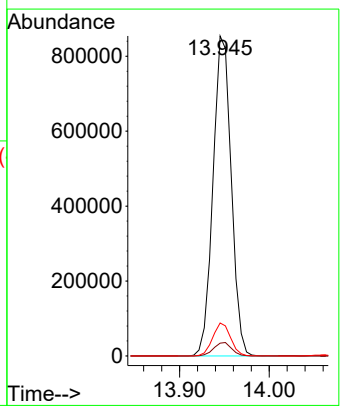


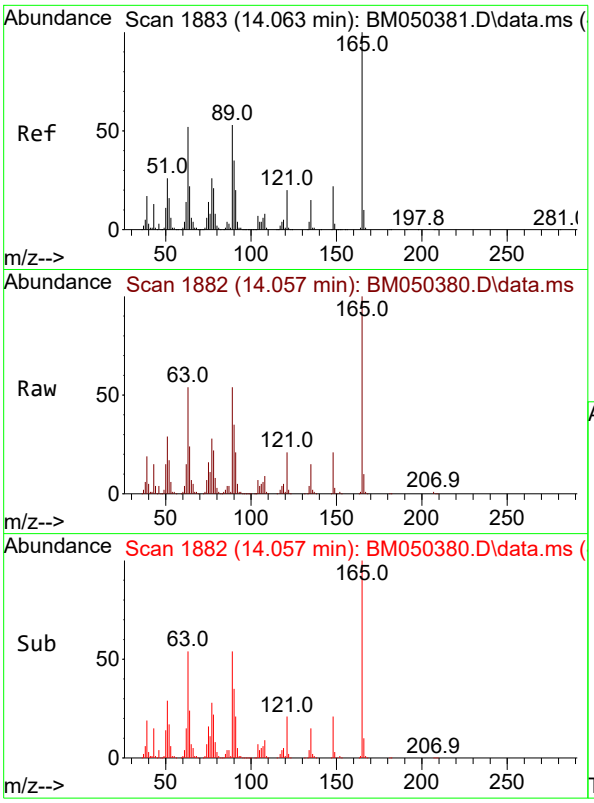


#50
Dimethylphthalate
Concen: 19.873 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:163 Resp: 1202901

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.3	8.2	12.2



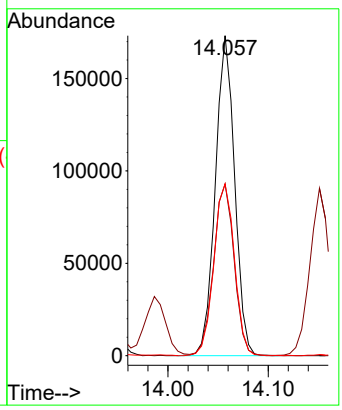


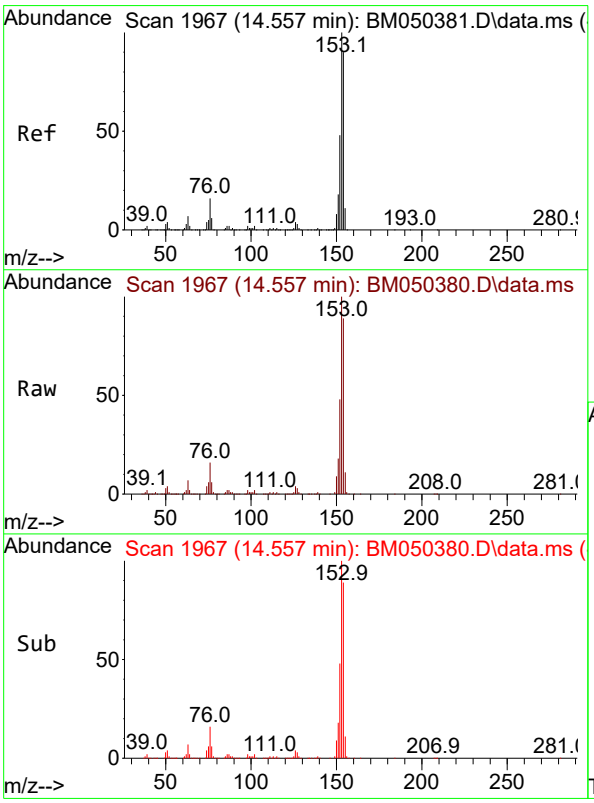
#51
2,6-Dinitrotoluene
Concen: 19.889 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 231144

Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.4	63.6
89	53.7	42.2	63.2

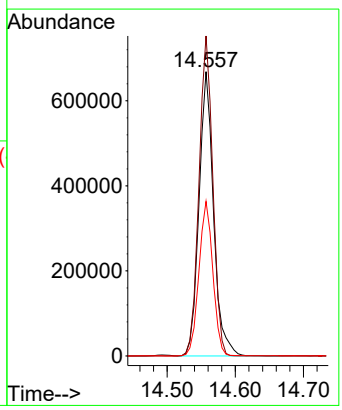


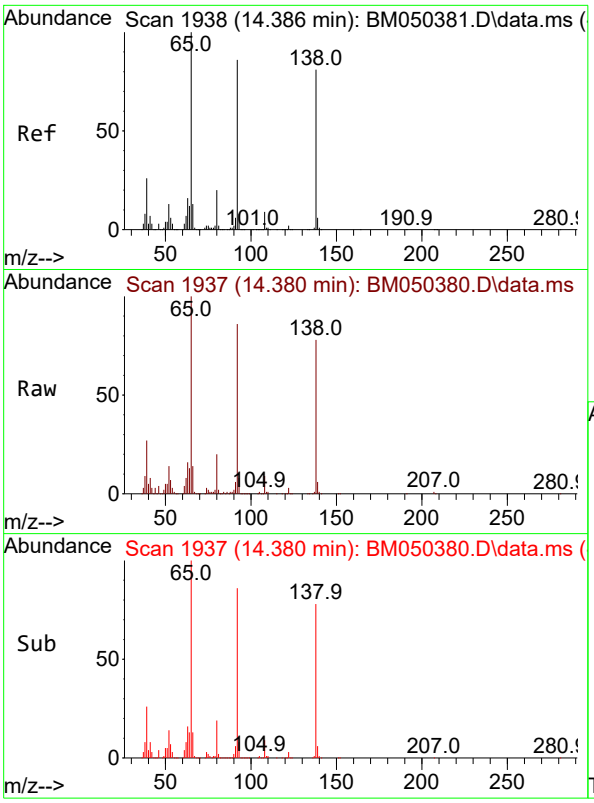


#52
Acenaphthene
Concen: 19.816 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:154 Resp: 990178

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	54.3	42.6	64.0



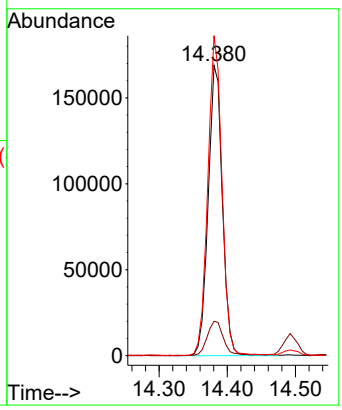


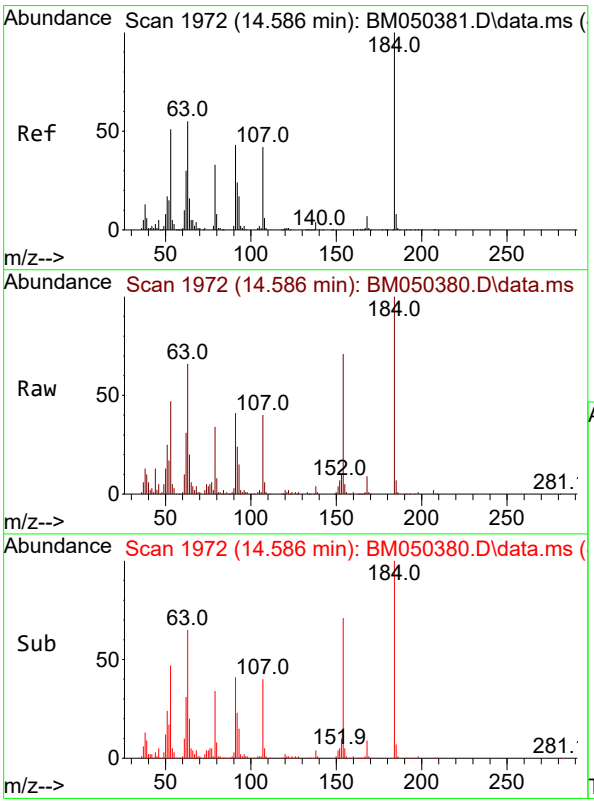
#53
3-Nitroaniline
Concen: 19.779 ng
RT: 14.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 244460

Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.8	13.2
92	110.3	85.0	127.6

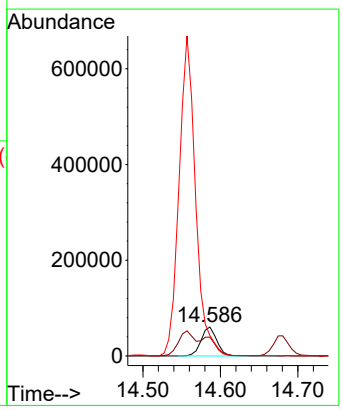


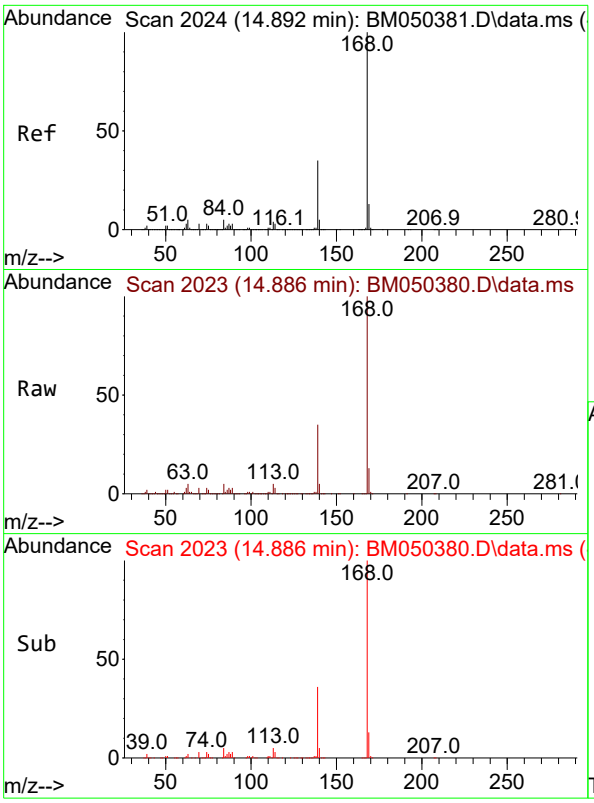


#54
2,4-Dinitrophenol
Concen: 18.641 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:184 Resp: 85284

Ion	Ratio	Lower	Upper
184	100		
63	65.5	53.4	80.0
154	71.0	61.6	92.4



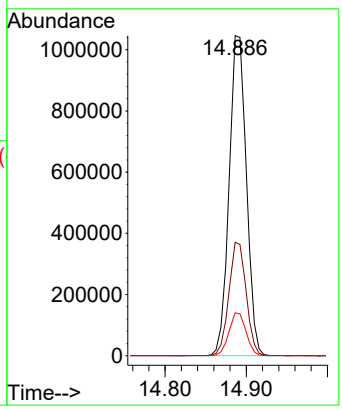


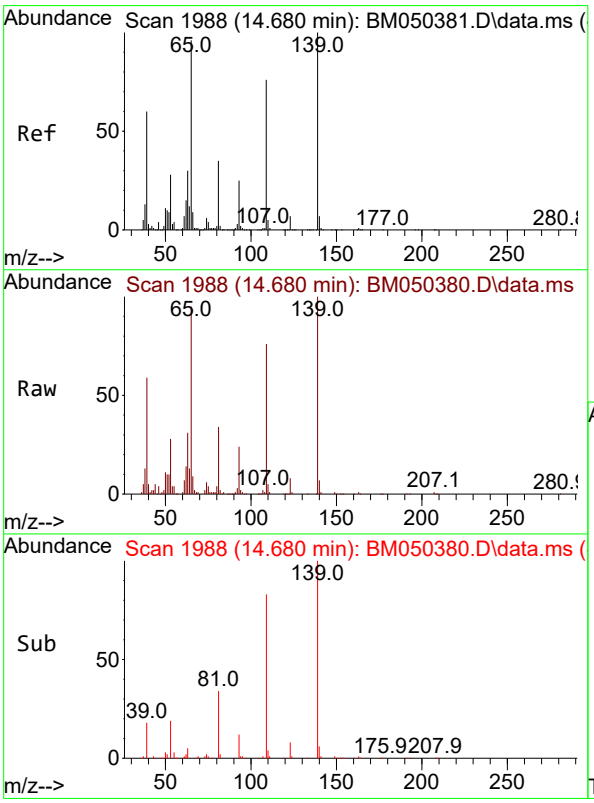
#55
Dibenzofuran
Concen: 20.048 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1543545

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.7	41.5
169	13.4	10.7	16.1

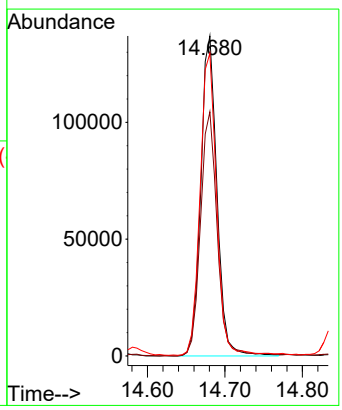


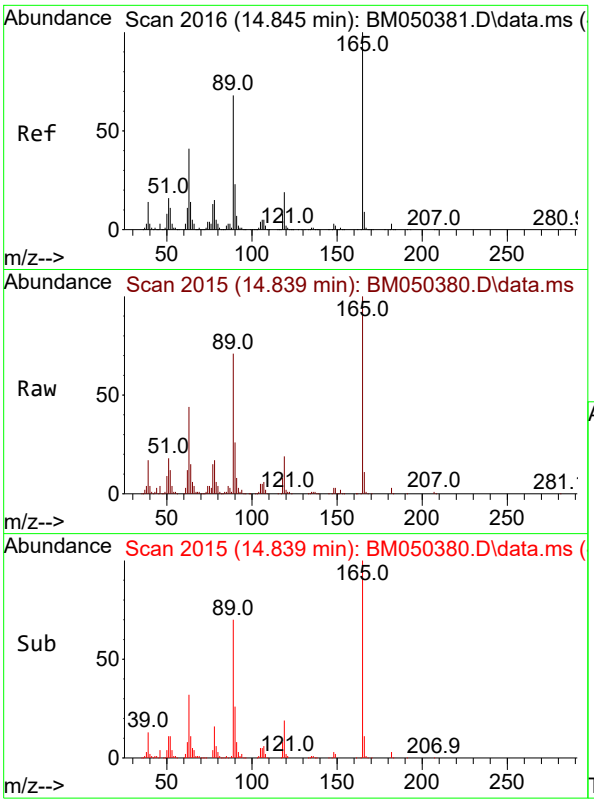


#56
4-Nitrophenol
Concen: 18.644 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:139 Resp: 198160

Ion	Ratio	Lower	Upper
139	100		
109	76.3	56.5	96.5
65	94.6	76.4	116.4



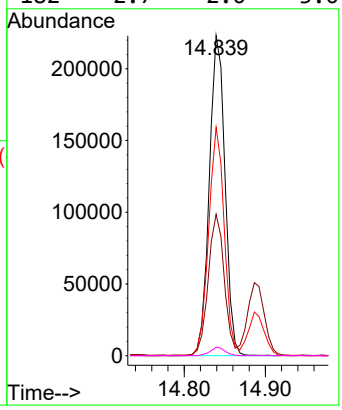


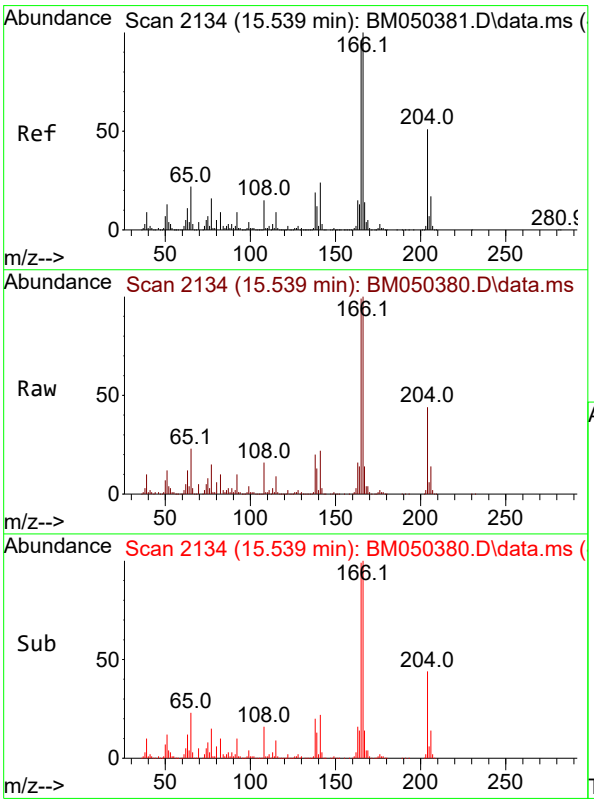
#57
2,4-Dinitrotoluene
Concen: 18.935 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 299004

Ion	Ratio	Lower	Upper
165	100		
63	44.1	32.5	48.7
89	71.4	54.0	81.0
182	2.7	2.0	3.0

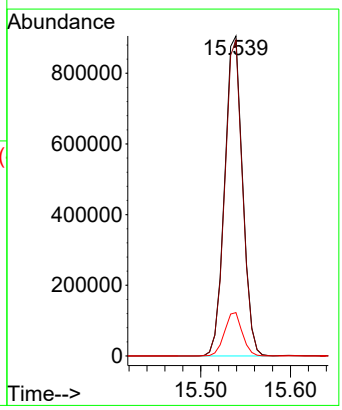


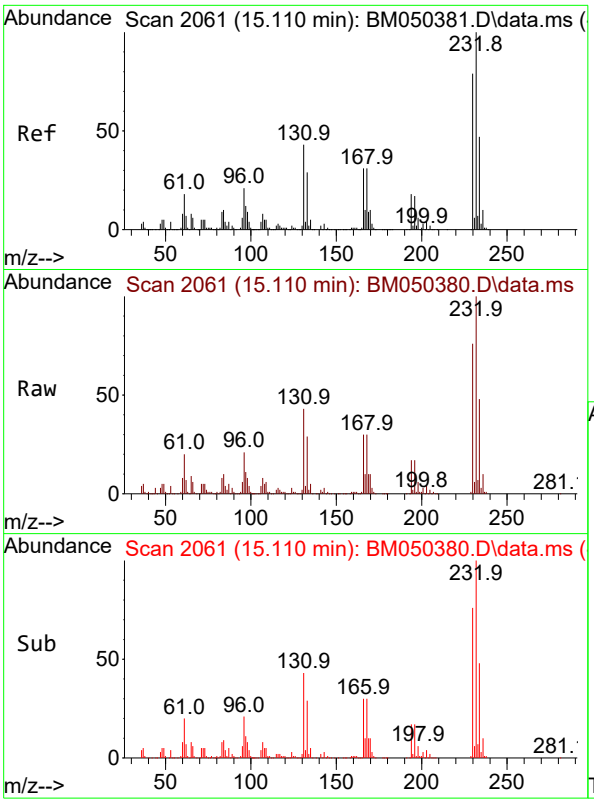


#58
Fluorene
Concen: 19.803 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:166 Resp: 1255879

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.0	115.6
167	13.6	10.9	16.3



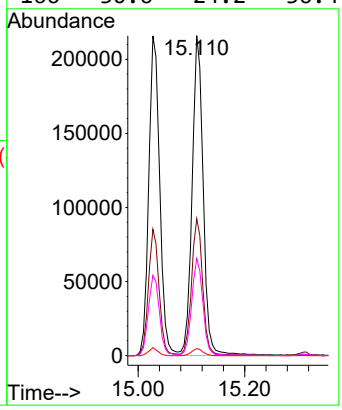


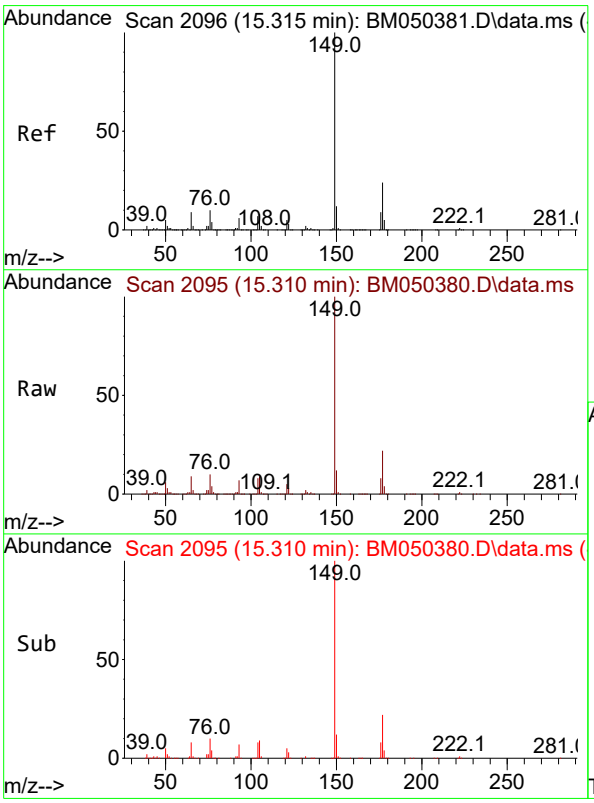
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.733 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 312205

Ion	Ratio	Lower	Upper
232	100		
131	42.7	33.4	50.0
130	2.3	1.8	2.6
166	30.6	24.2	36.4

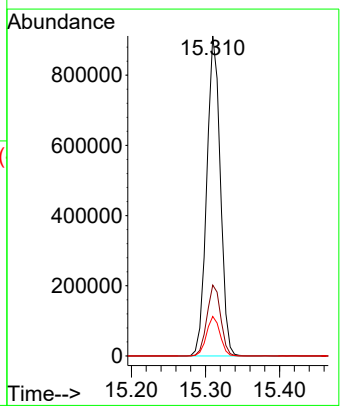


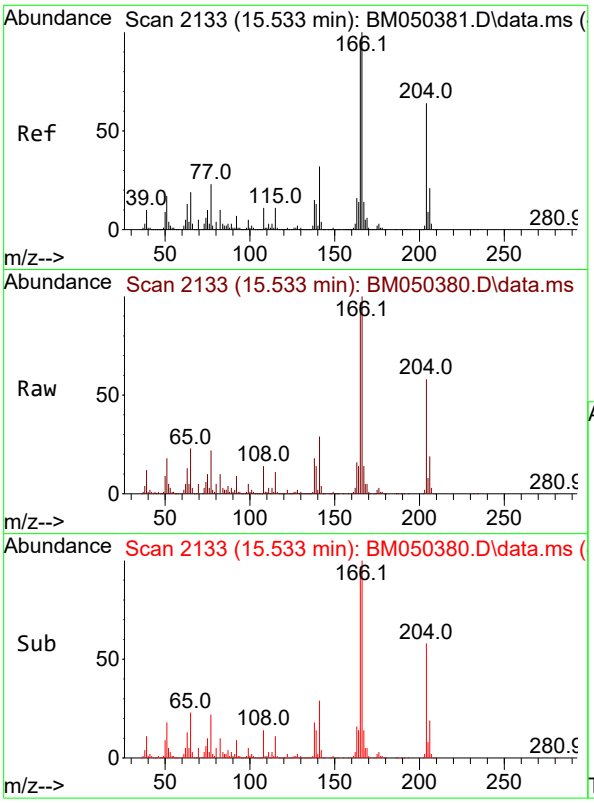


#60
Diethylphthalate
Concen: 20.055 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1159537

Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.8	28.2
150	12.4	9.8	14.8



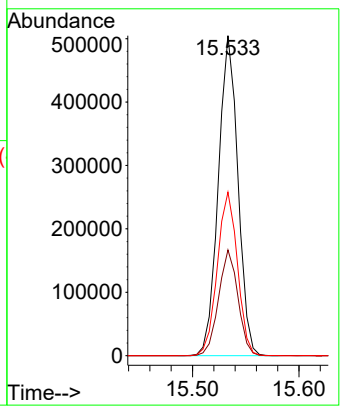


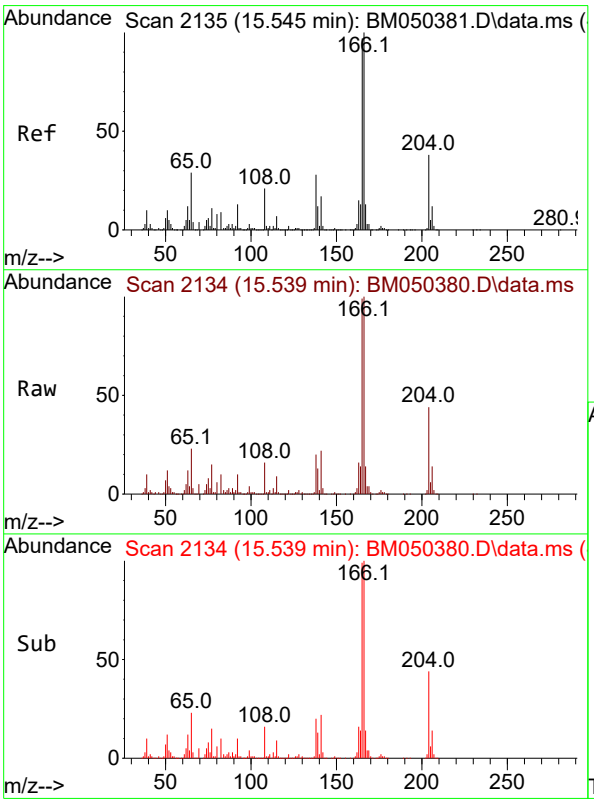
#61
4-Chlorophenyl-phenylether
Concen: 19.428 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 644238

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	51.1	39.9	59.9

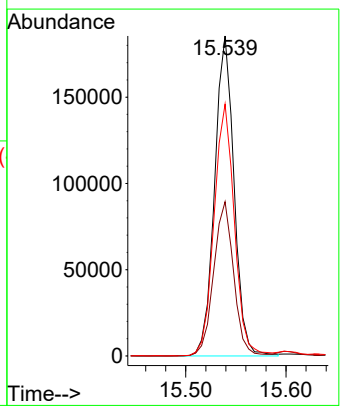


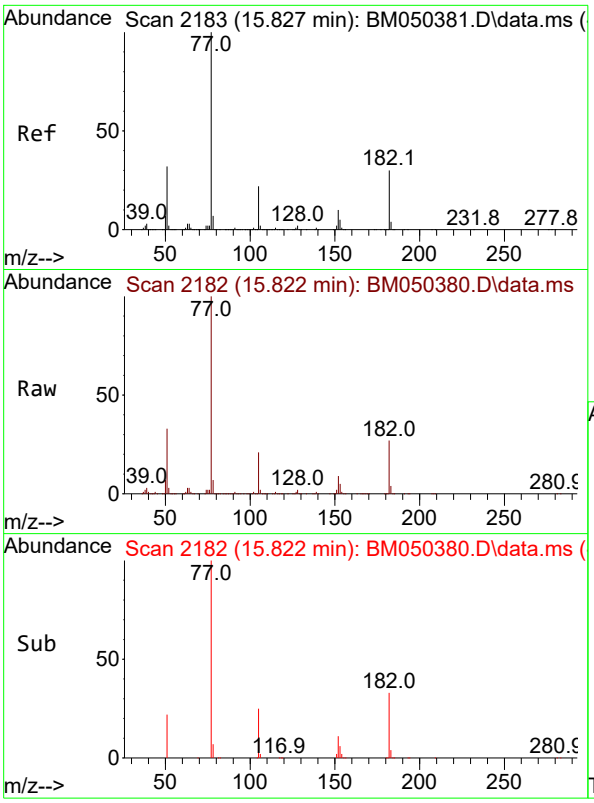


#62
4-Nitroaniline
Concen: 19.209 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:138 Resp: 249635

Ion	Ratio	Lower	Upper
138	100		
92	48.2	24.5	64.5
108	78.7	52.5	92.5



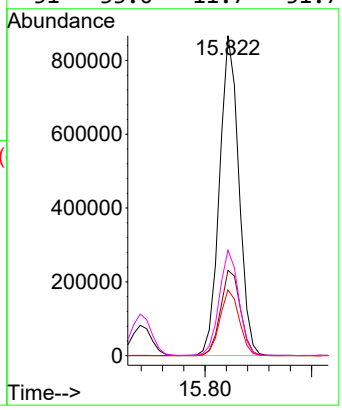


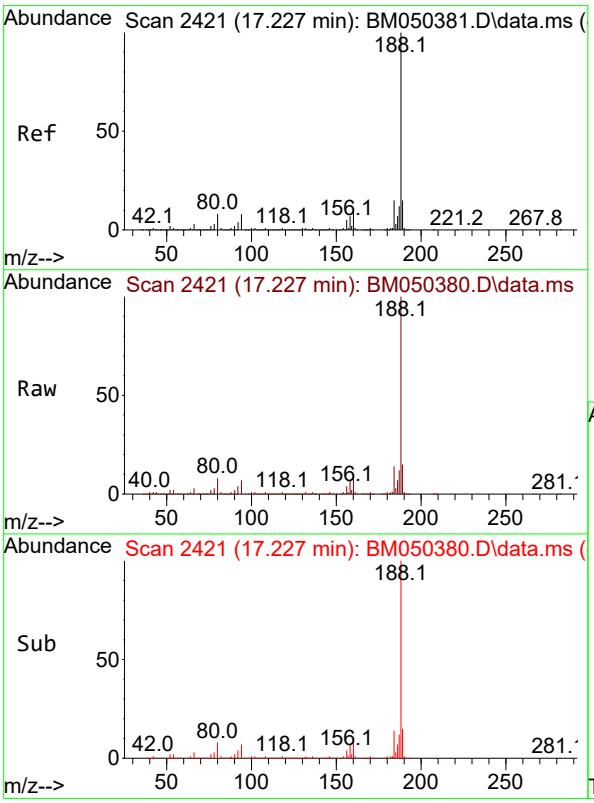
#63
Azobenzene
Concen: 20.436 ng
RT: 15.822 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 1085005

Ion	Ratio	Lower	Upper
77	100		
182	26.7	10.0	50.0
105	20.6	2.0	42.0
51	33.0	11.7	51.7

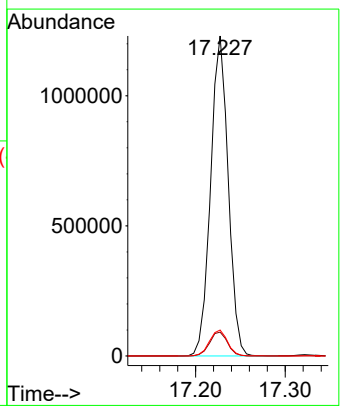


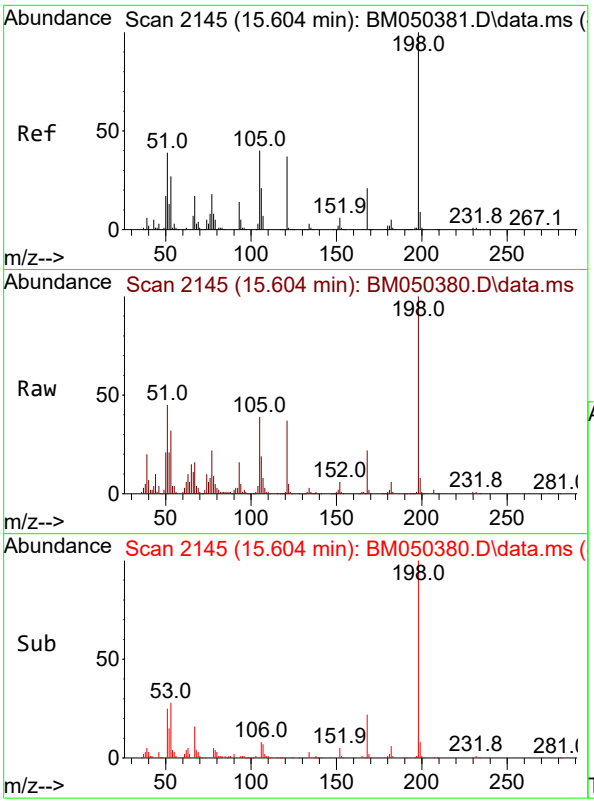


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:188 Resp: 1676151

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



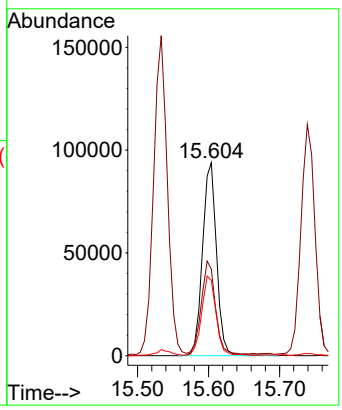


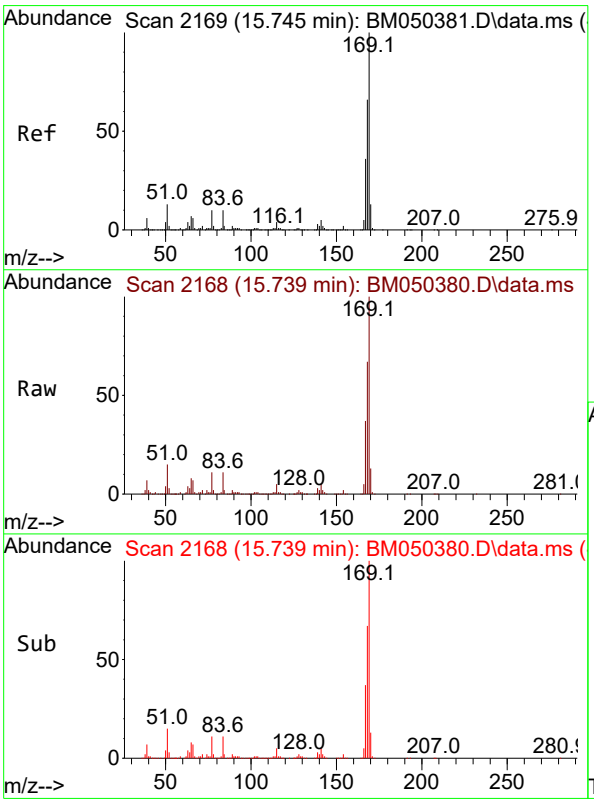
#65
4,6-Dinitro-2-methylphenol
Concen: 18.758 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 129223

Ion	Ratio	Lower	Upper
198	100		
51	44.9	26.6	66.6
105	39.1	20.9	60.9

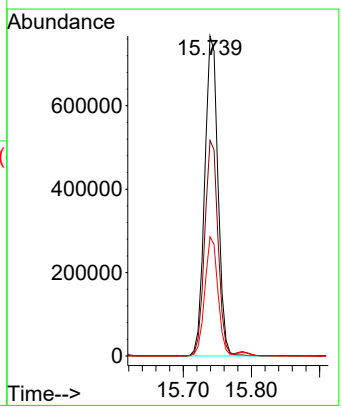


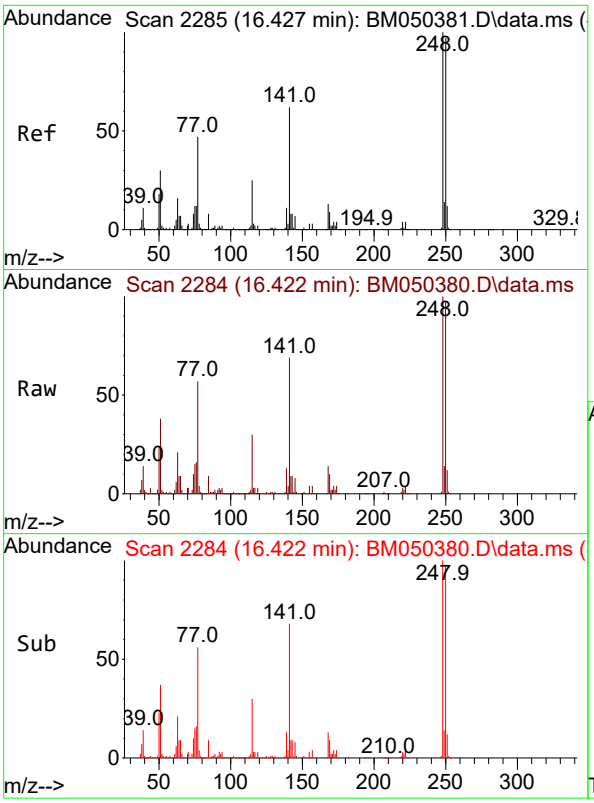


#66
n-Nitrosodiphenylamine
Concen: 19.819 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:169 Resp: 1039509

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.3	28.7	43.1



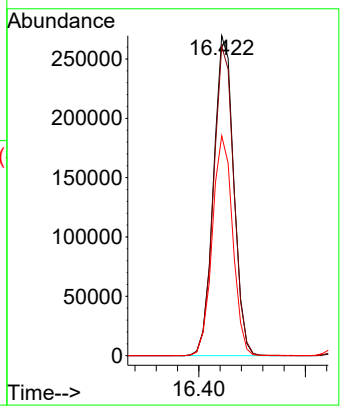


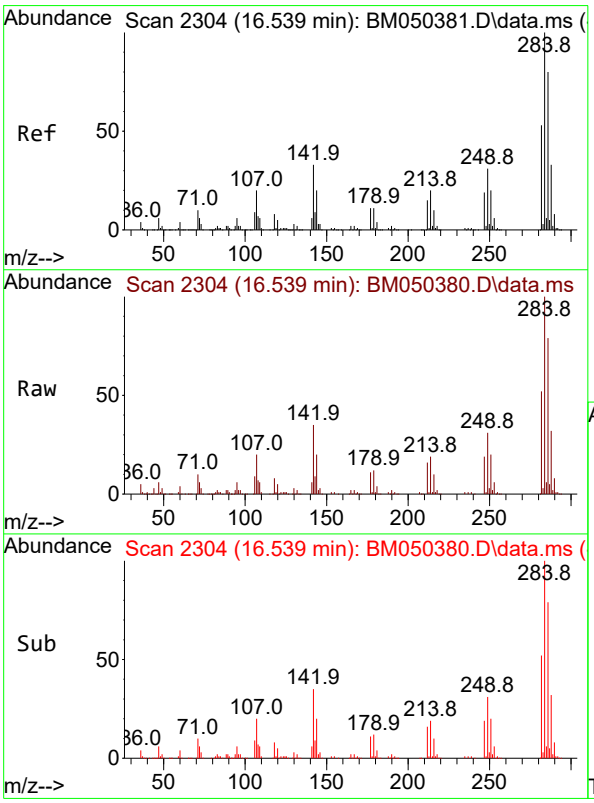
#67
4-Bromophenyl-phenylether
Concen: 19.130 ng
RT: 16.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 353272

Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.9	116.9
141	68.7	49.7	74.5

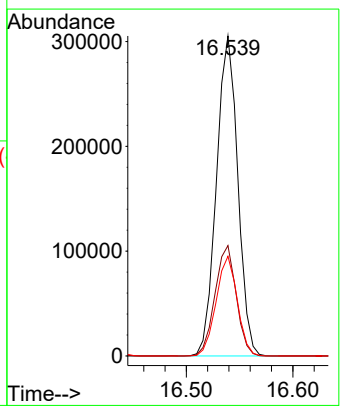


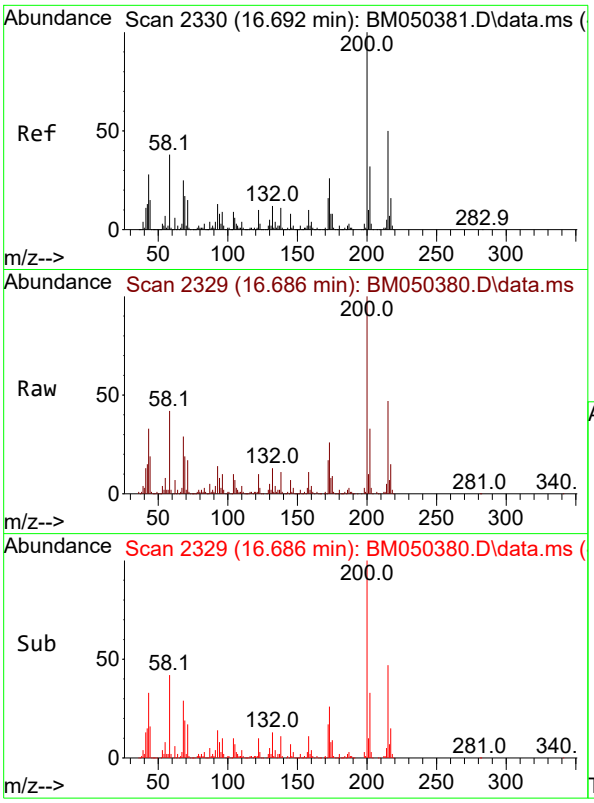


#68
Hexachlorobenzene
Concen: 19.444 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:284 Resp: 424108

Ion	Ratio	Lower	Upper
284	100		
142	34.5	26.8	40.2
249	31.2	24.5	36.7



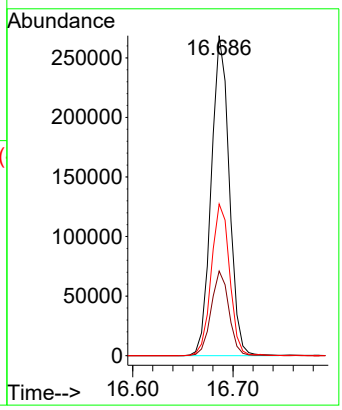


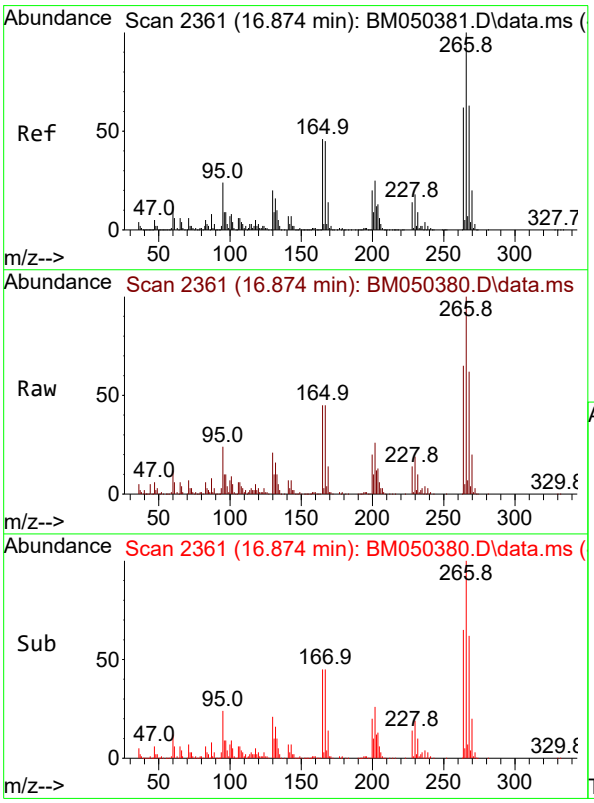
#69
Atrazine
Concen: 19.373 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 333655

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.6	45.6
215	47.4	29.6	69.6

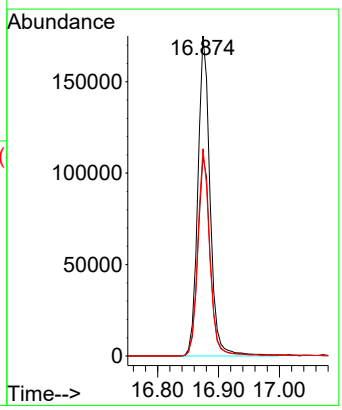


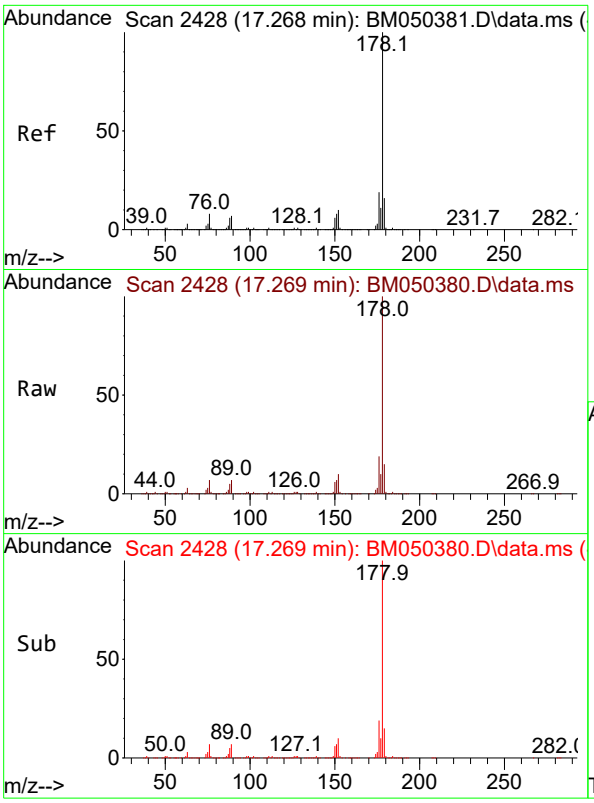


#70
Pentachlorophenol
Concen: 17.920 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:266 Resp: 243316

Ion	Ratio	Lower	Upper
266	100		
268	62.1	50.5	75.7
264	64.8	49.9	74.9



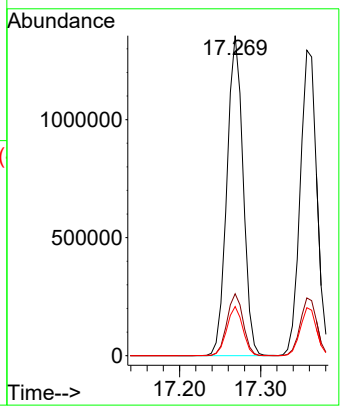


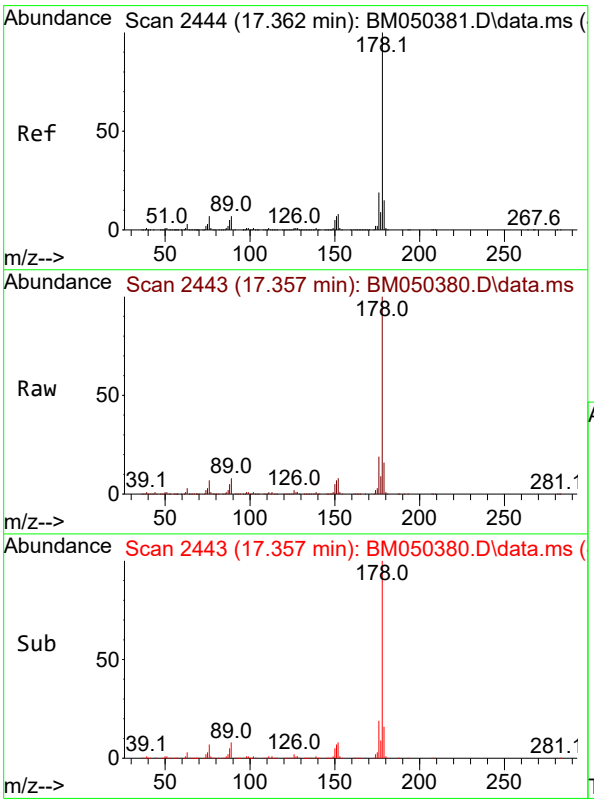
#71
Phenanthrene
Concen: 19.784 ng
RT: 17.269 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1876408

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.4	12.5	18.7

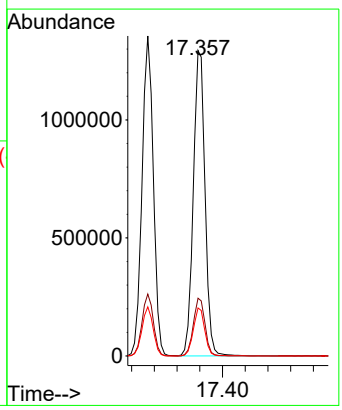


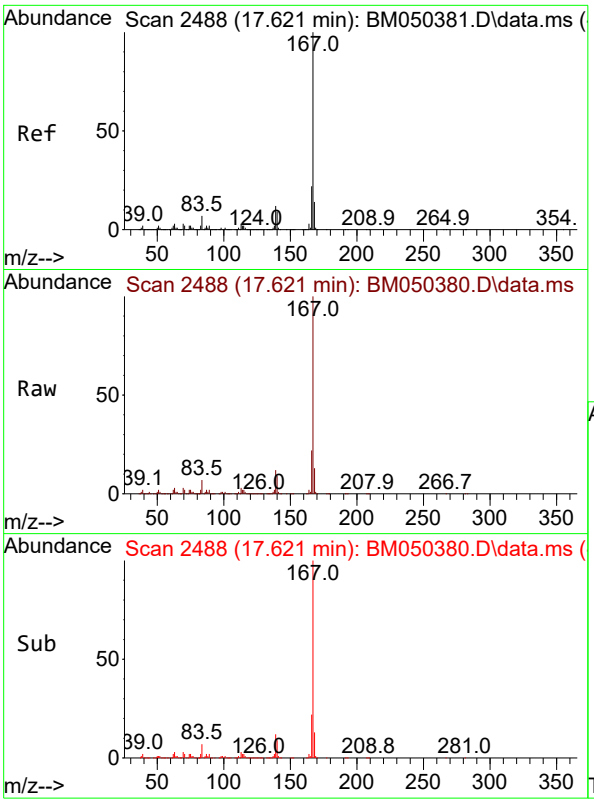


#72
Anthracene
Concen: 19.694 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:178 Resp: 1859273

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.7	12.2	18.4



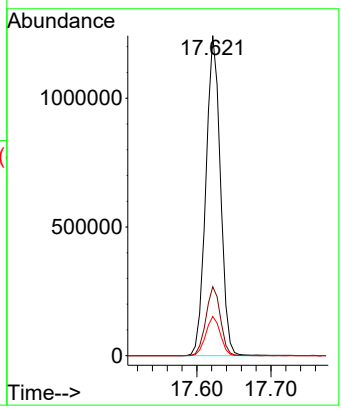


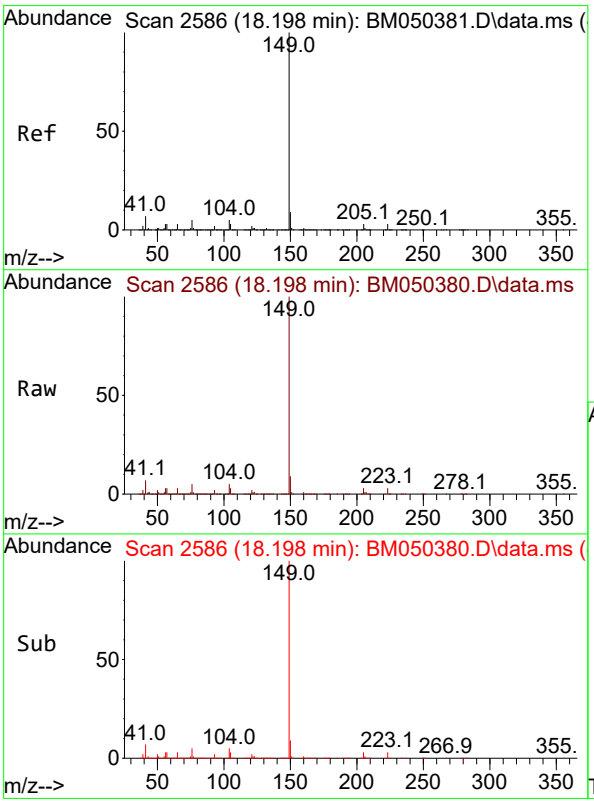
#73
Carbazole
Concen: 19.801 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1691521

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.2	9.9	14.9

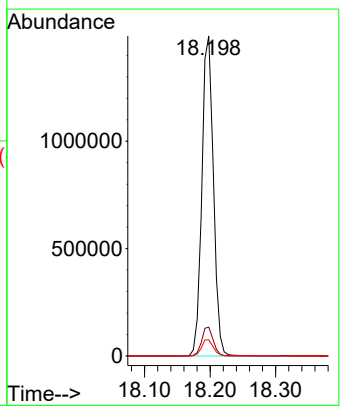


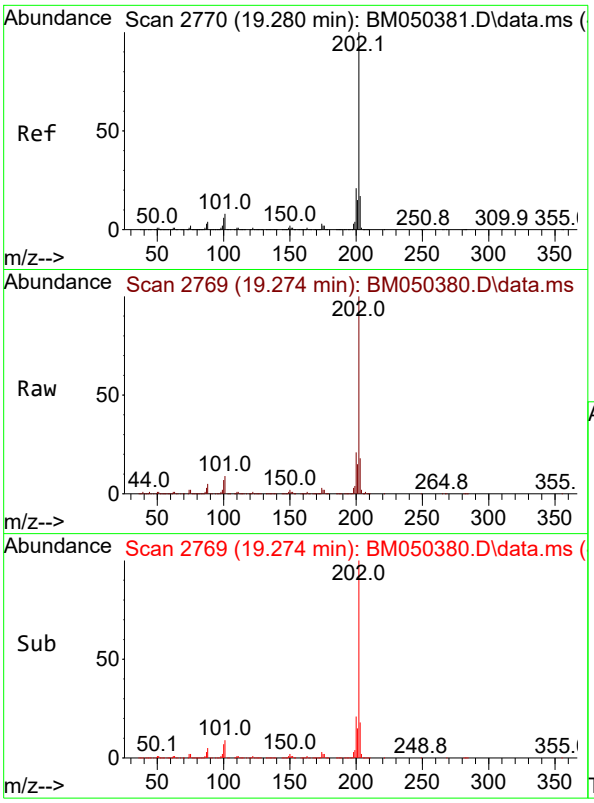


#74
Di-n-butylphthalate
Concen: 19.566 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1829412

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.0	3.9	5.9



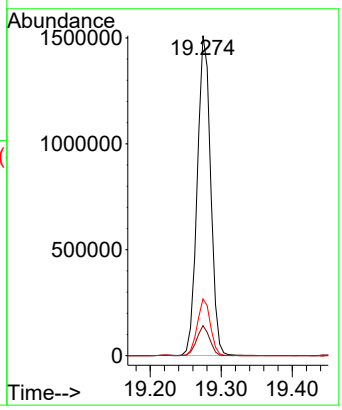


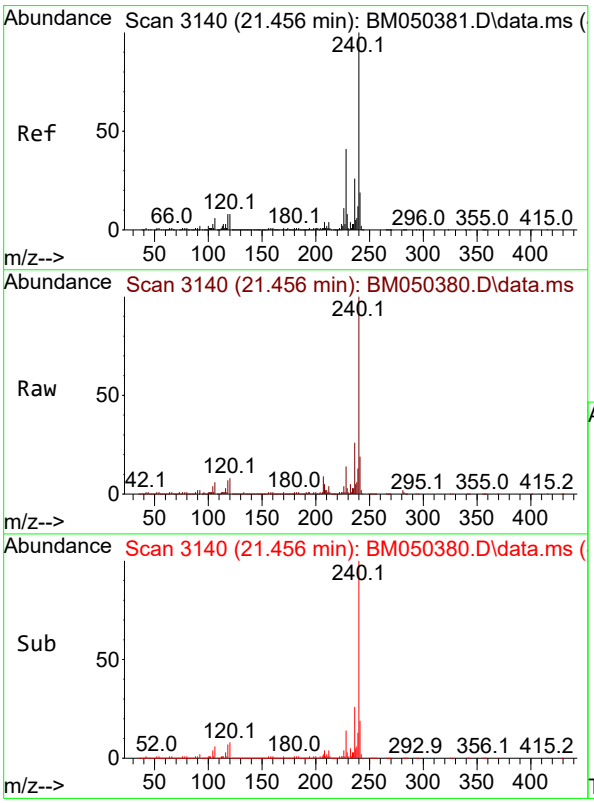
#75
Fluoranthene
Concen: 19.212 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1980887

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.3
203	17.8	0.0	37.2

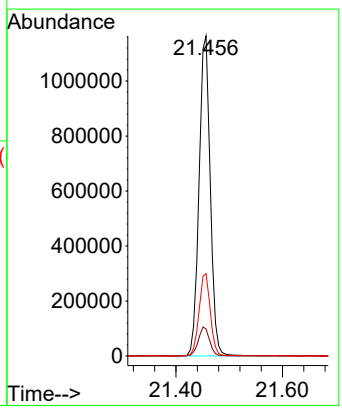


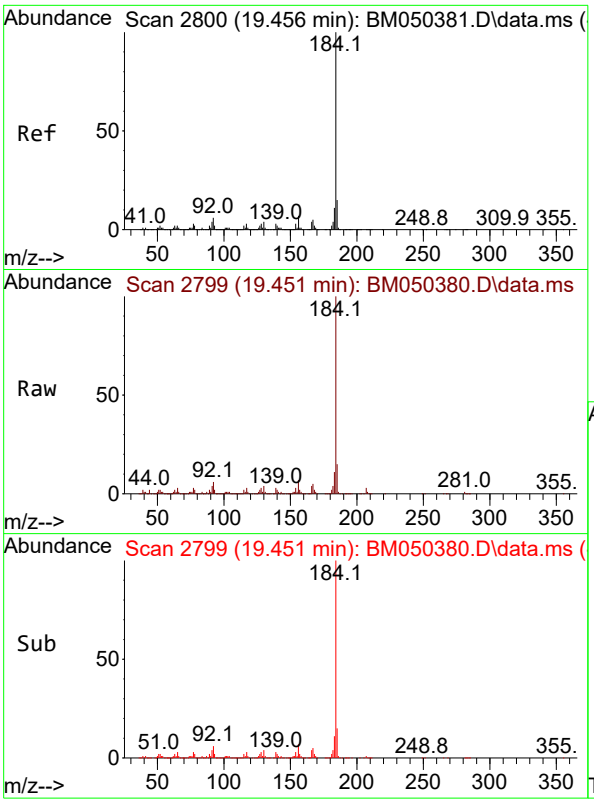


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:240 Resp: 1698030

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.7	20.7	31.1



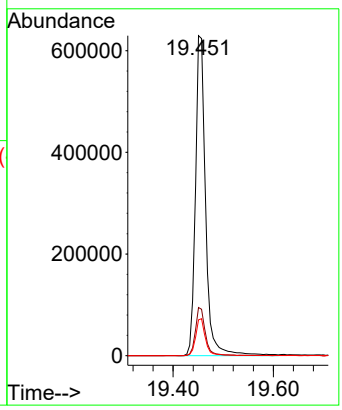


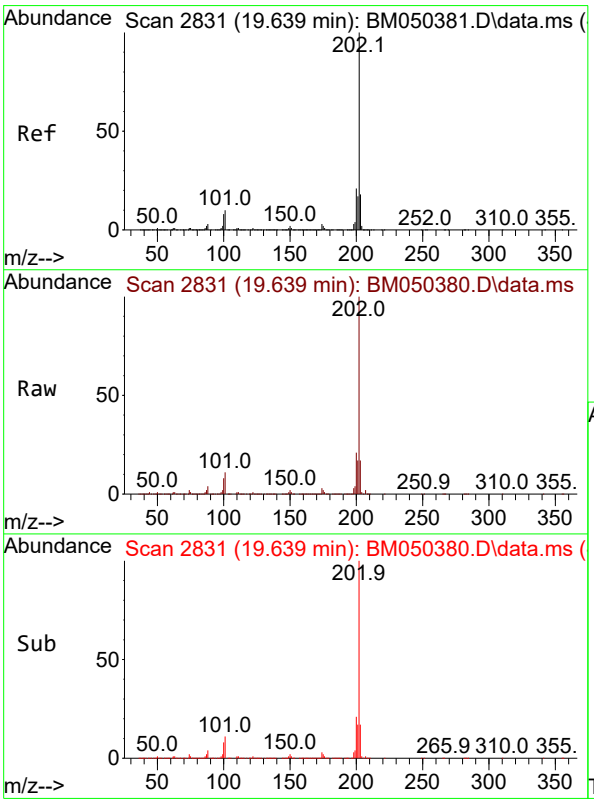
#77
Benzidine
Concen: 20.422 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 884477

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.7	17.5
183	11.2	9.0	13.6

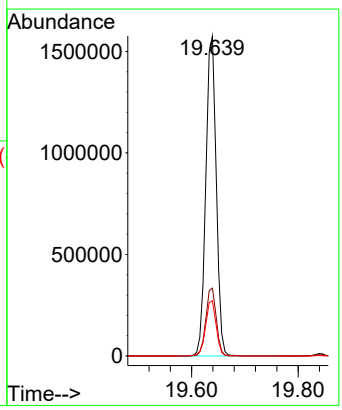


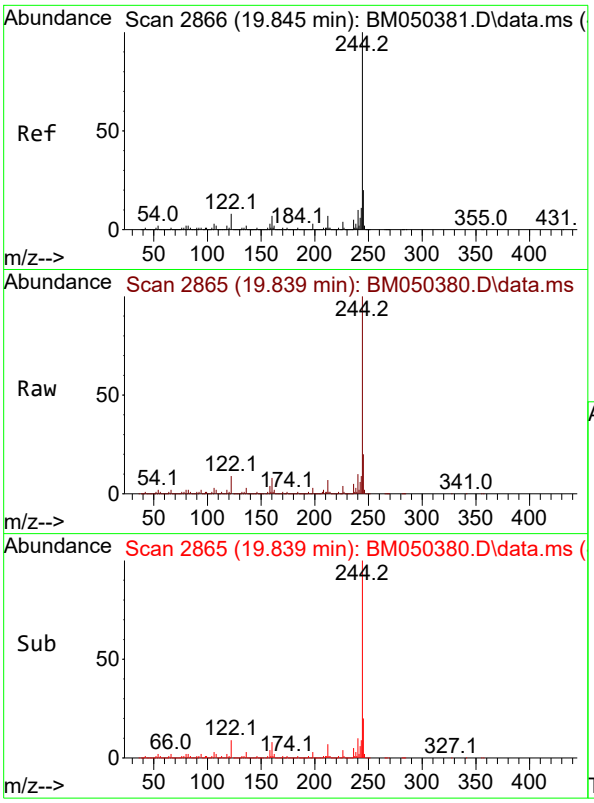


#78
Pyrene
Concen: 19.679 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:202 Resp: 2140070

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.2	14.1	21.1



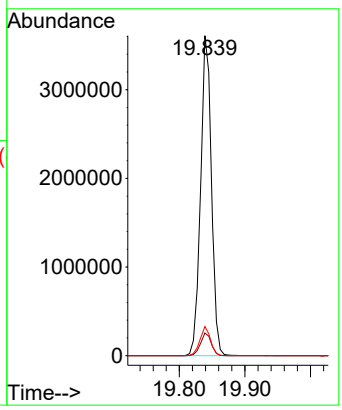


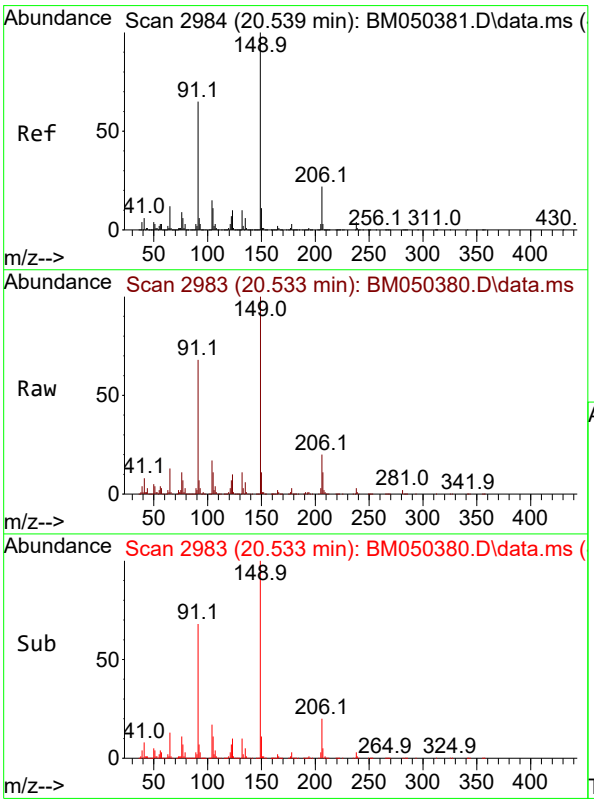
#79
Terphenyl-d14
Concen: 43.104 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 4159871

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.1	6.2	9.2

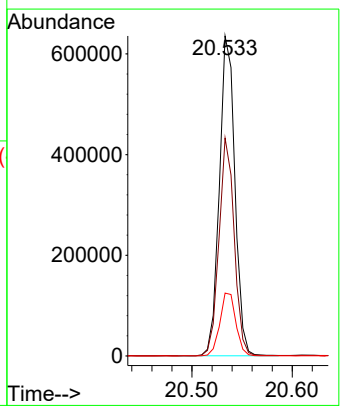


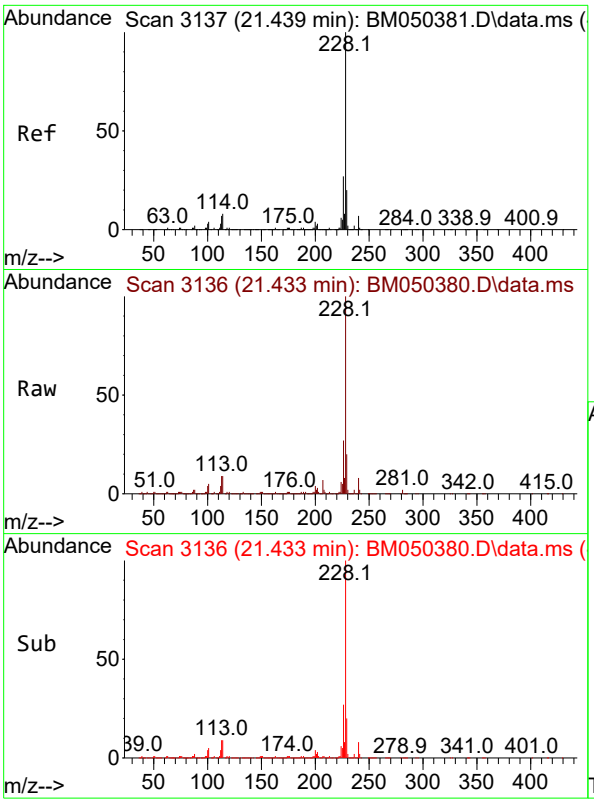


#80
Butylbenzylphthalate
Concen: 19.009 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 681649

Ion	Ratio	Lower	Upper
149	100		
91	68.1	51.6	77.4
206	19.7	17.8	26.8



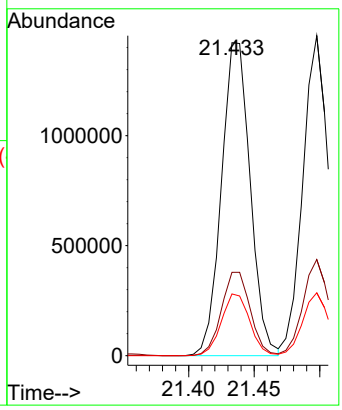


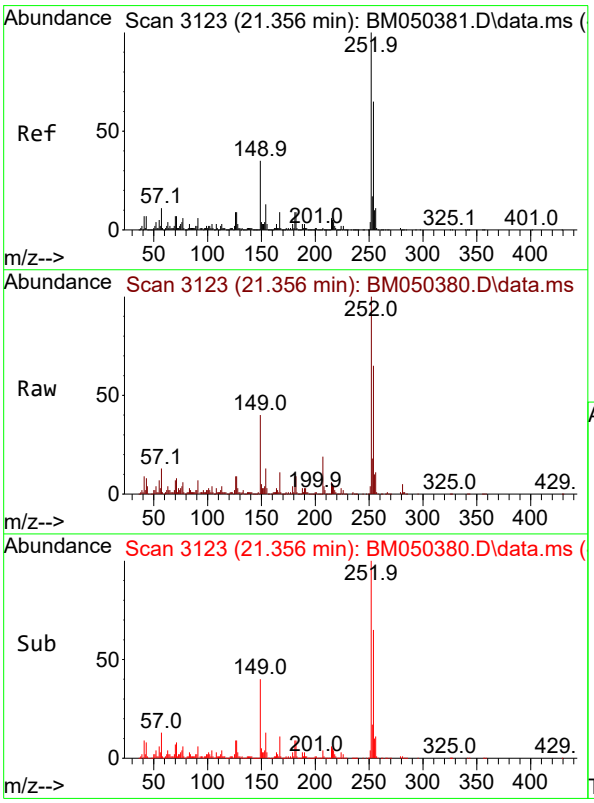
#81
Benzo(a)anthracene
Concen: 19.676 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2176940

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.8
229	19.7	16.0	24.0

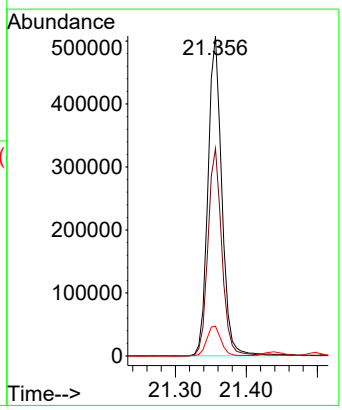


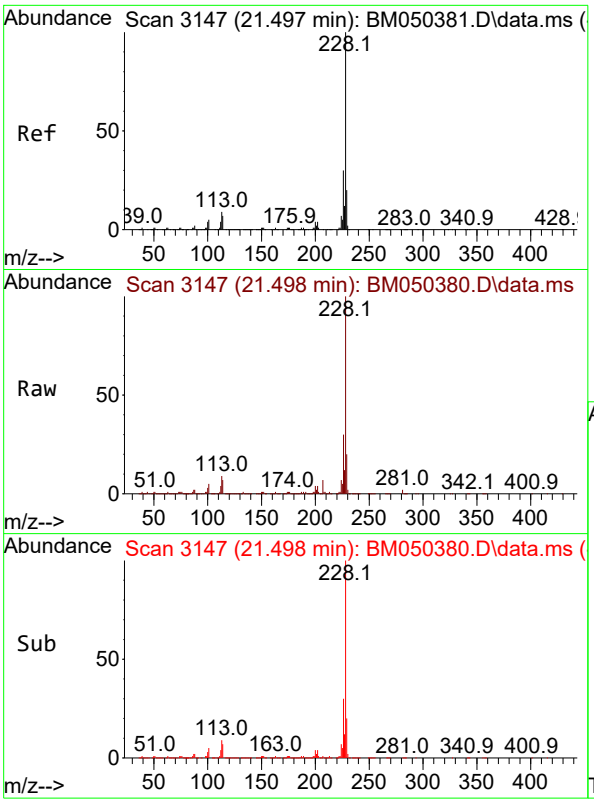


#82
3,3'-Dichlorobenzidine
Concen: 18.471 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 689176

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.3	7.3	10.9



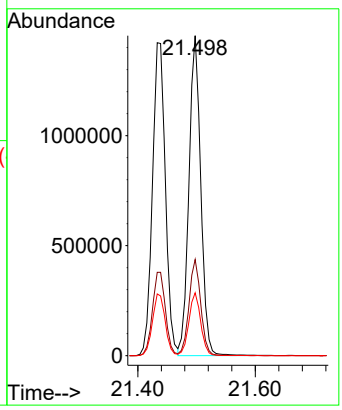


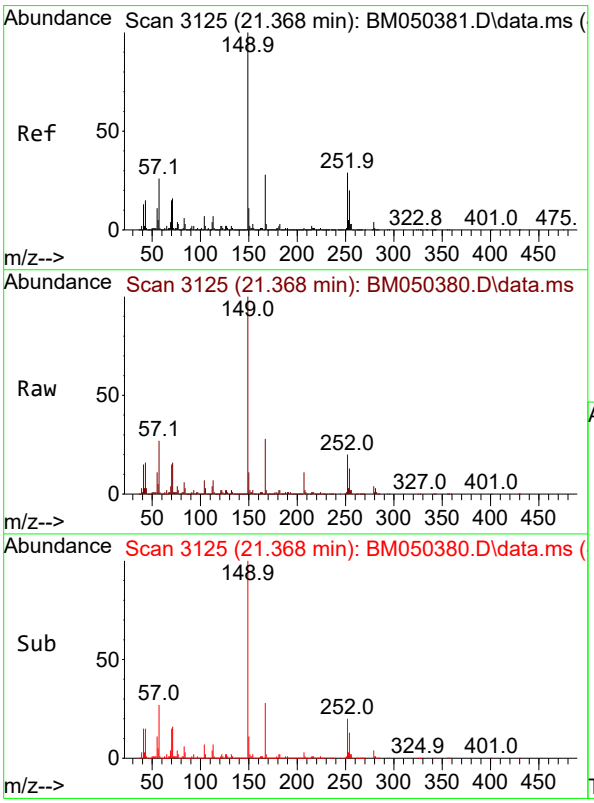
#83
Chrysene
Concen: 19.529 ng
RT: 21.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 2037978

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

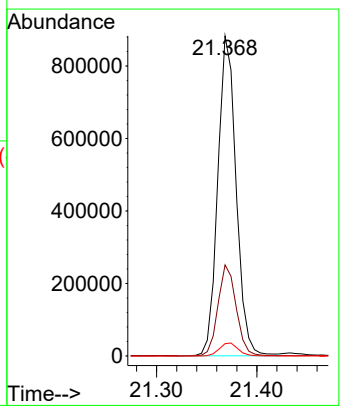


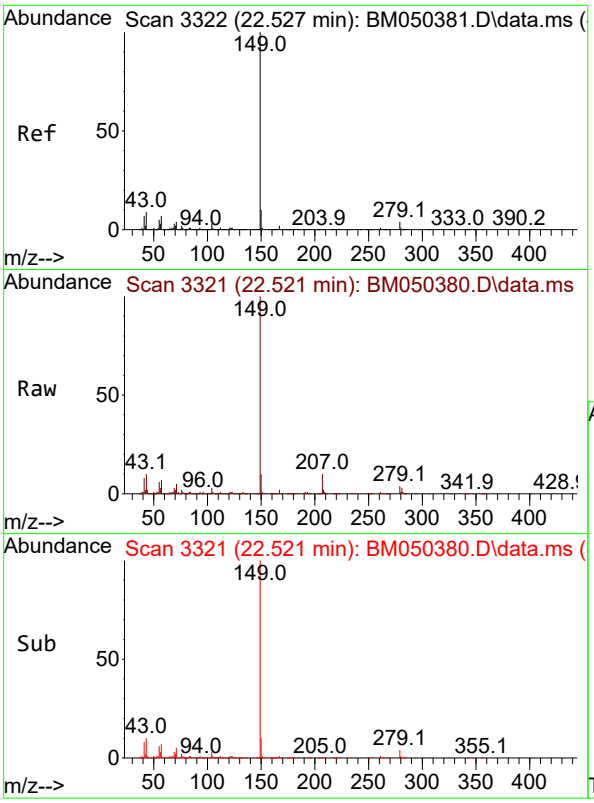


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.638 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:149 Resp: 1117874

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	3.9	3.5	5.3



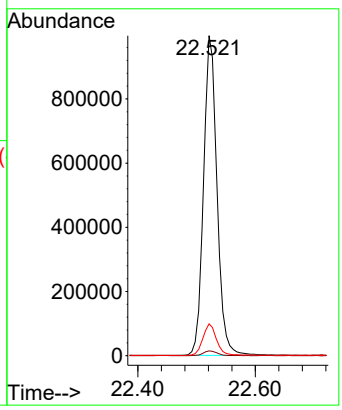


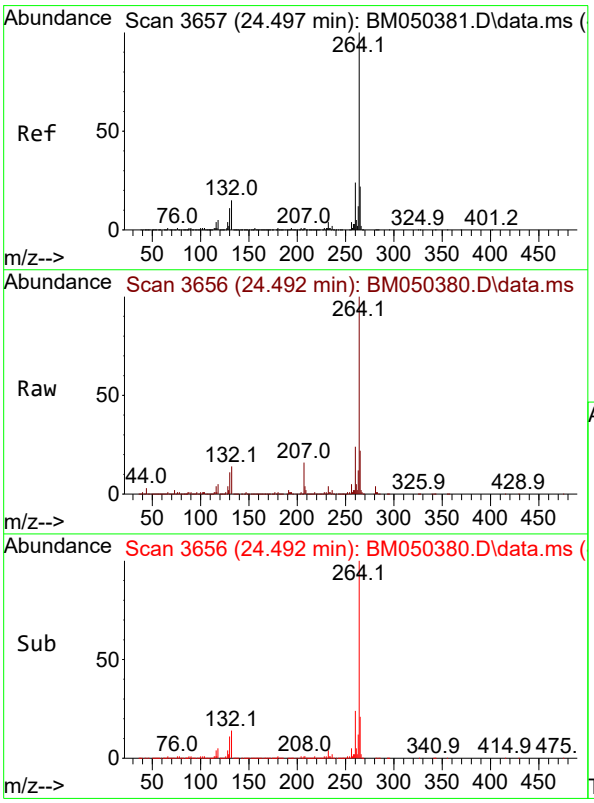
#85
Di-n-octyl phthalate
Concen: 17.729 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1580618

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.1	7.7	11.5

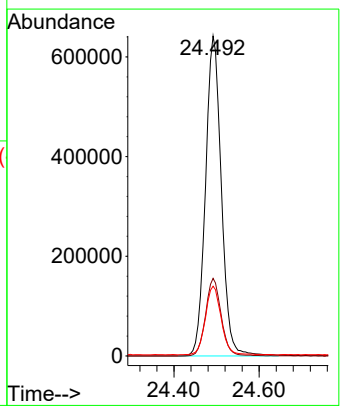


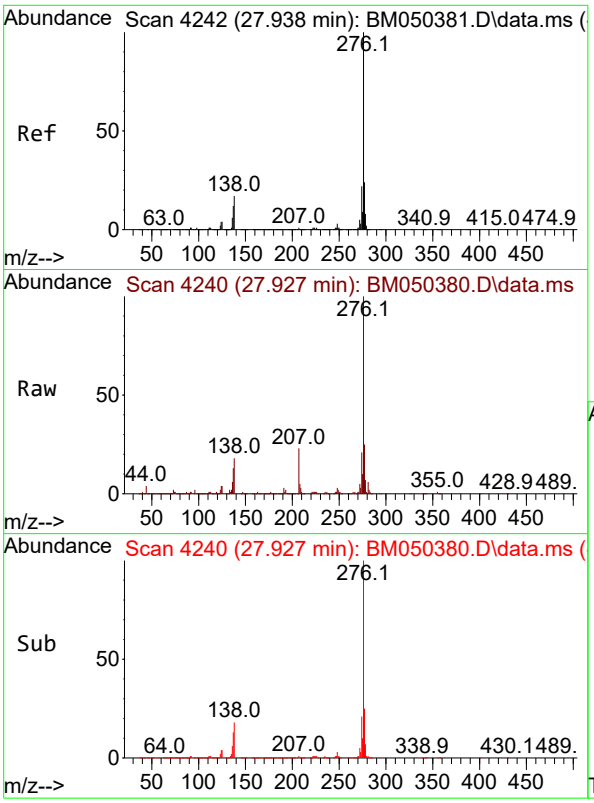


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.492 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:264 Resp: 1655344

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.8	26.6



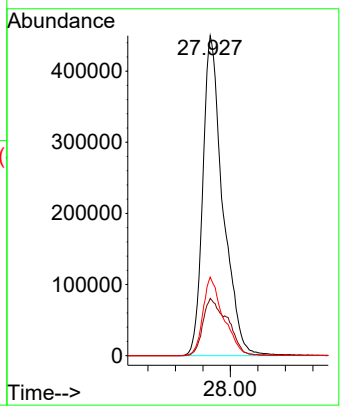


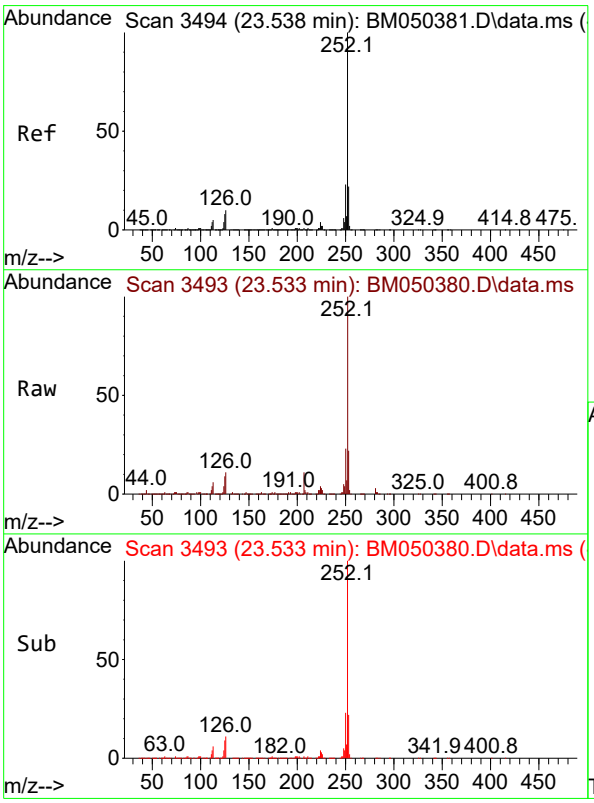
#87
Indeno(1,2,3-cd)pyrene
Concen: 19.328 ng
RT: 27.927 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2274737

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.6
277	25.1	20.0	30.0

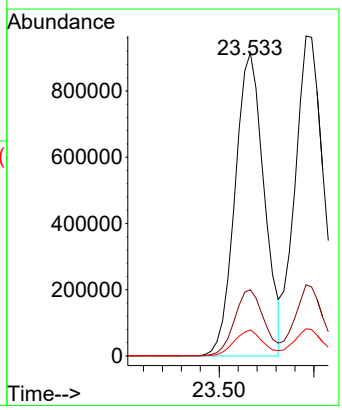


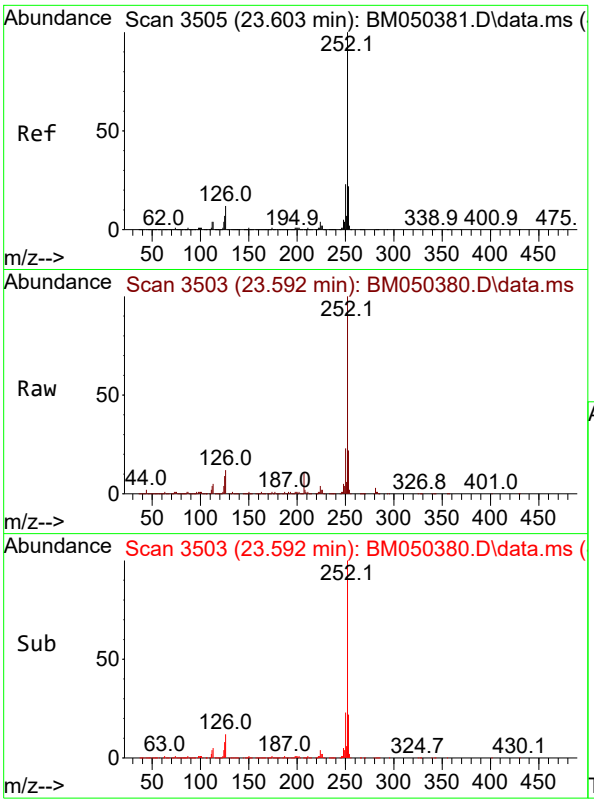


#88
Benzo(b)fluoranthene
Concen: 19.138 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1948651

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.6	6.3	9.5



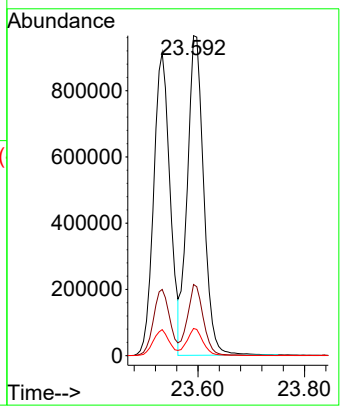


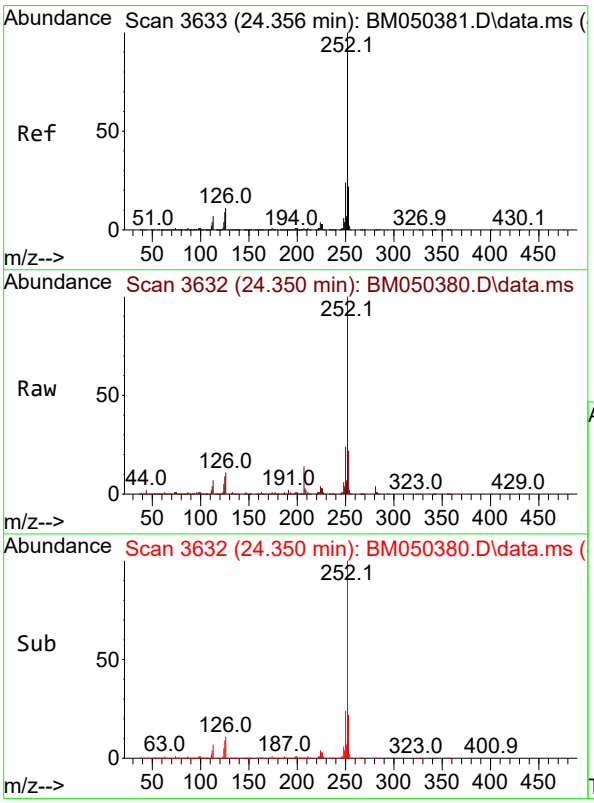
#89
Benzo(k)fluoranthene
Concen: 19.544 ng
RT: 23.592 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 2064811

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	8.5	6.2	9.2

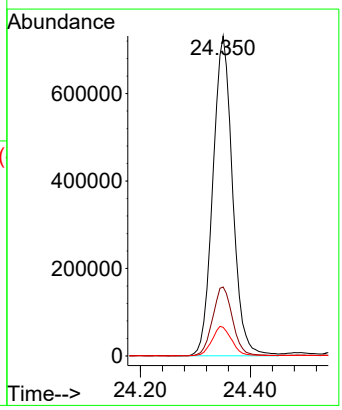


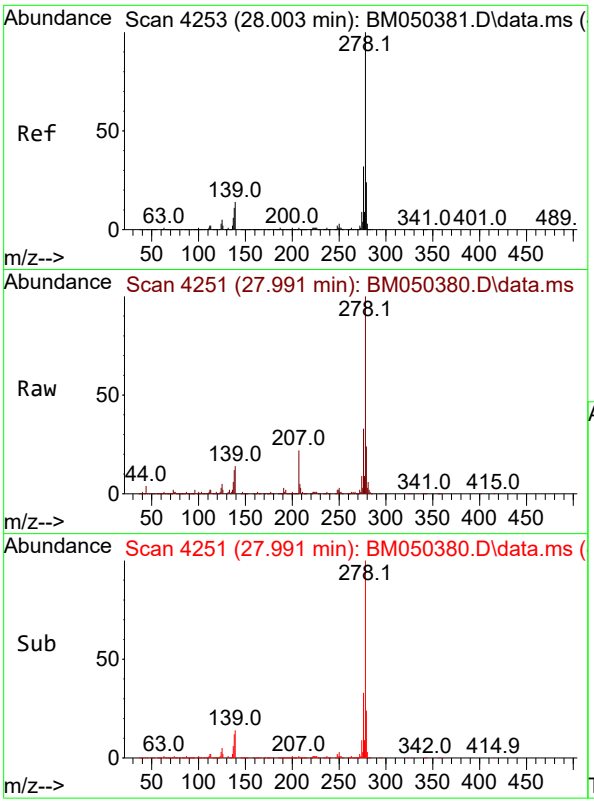


#90
Benzo(a)pyrene
Concen: 19.085 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:252 Resp: 1819117

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	8.9	7.0	10.4



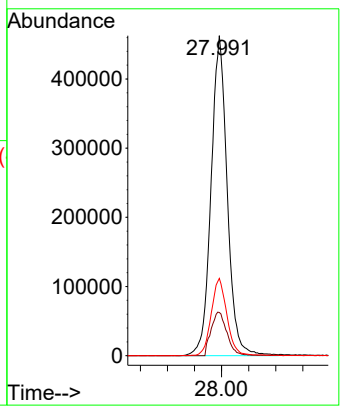


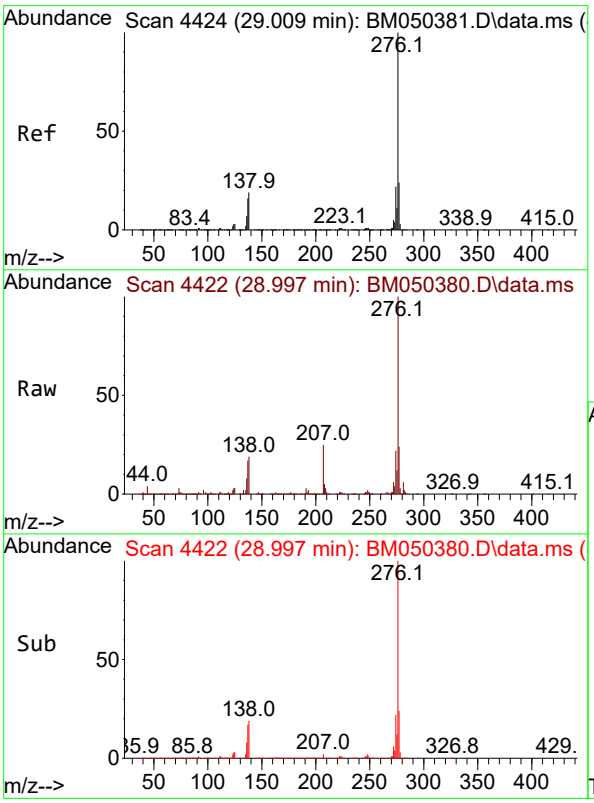
#91
Dibenzo(a,h)anthracene
Concen: 19.357 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1918673

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

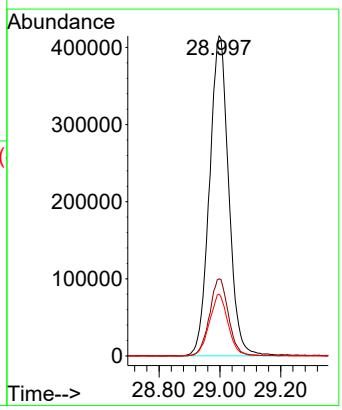




#92
Benzo(g,h,i)perylene
Concen: 19.385 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.011 min
Lab File: BM050380.D
Acq: 08 Jul 2025 14:40

Tgt Ion:276 Resp: 1815952

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	19.3	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	390087	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1498318	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	967077	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1834050	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1904004	20.000	ng	0.00
86) Perylene-d12	24.497	264	1842285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1797254	79.307	ng	0.00
7) Phenol-d6	7.022	99	2287075	80.057	ng	0.00
23) Nitrobenzene-d5	9.022	82	2350204	80.025	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	961125	81.797	ng	0.00
45) 2-Fluorobiphenyl	13.121	172	6157884	78.635	ng	0.00
79) Terphenyl-d14	19.845	244	9584372	88.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	358574	38.479	ng	100
3) Pyridine	3.734	79	957840	39.152	ng	100
4) n-Nitrosodimethylamine	3.640	42	446254	39.127	ng	100
6) Aniline	7.187	93	1465425	39.971	ng	100
8) 2-Chlorophenol	7.428	128	949275	39.725	ng	100
9) Benzaldehyde	6.998	77	699931m	41.183	ng	
10) Phenol	7.051	94	1176548	39.486	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	933093	39.103	ng	100
12) 1,3-Dichlorobenzene	7.757	146	1129597	38.876	ng	100
13) 1,4-Dichlorobenzene	7.904	146	1143020	38.525	ng	100
14) 1,2-Dichlorobenzene	8.222	146	1100335	38.737	ng	100
15) Benzyl Alcohol	8.098	79	797306	39.610	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1367157	38.896	ng	100
17) 2-Methylphenol	8.298	107	772662	39.981	ng	100
18) Hexachloroethane	8.951	117	406049	38.914	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	710692	41.065	ng	100
20) 3+4-Methylphenols	8.628	107	1033775	39.847	ng	100
22) Acetophenone	8.681	105	1471867	39.290	ng	100
24) Nitrobenzene	9.057	77	1034216	39.463	ng	100
25) Isophorone	9.592	82	1916609	40.218	ng	100
26) 2-Nitrophenol	9.775	139	440758	41.266	ng	100
27) 2,4-Dimethylphenol	9.833	122	895117	39.384	ng	100
28) bis(2-Chloroethoxy)met...	10.069	93	1249755	39.577	ng	100
29) 2,4-Dichlorophenol	10.304	162	934922	40.040	ng	100
30) 1,2,4-Trichlorobenzene	10.527	180	1085193	38.850	ng	100
31) Naphthalene	10.710	128	2960809	38.905	ng	100
32) Benzoic acid	9.945	122	491059	36.793	ng	100
33) 4-Chloroaniline	10.810	127	1285226	39.947	ng	100
34) Hexachlorobutadiene	11.010	225	662229	38.844	ng	100
35) Caprolactam	11.580	113	260010	40.791	ng	100
36) 4-Chloro-3-methylphenol	11.933	107	883903	40.538	ng	100
37) 2-Methylnaphthalene	12.321	142	1901706	39.576	ng	100
38) 1-Methylnaphthalene	12.539	142	2017118	39.665	ng	100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1203524	39.134	ng	100
41) Hexachlorocyclopentadiene	12.680	237	765708	38.951	ng	100
43) 2,4,6-Trichlorophenol	12.927	196	761982	40.252	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	831142	40.202	ng	100
46) 1,1'-Biphenyl	13.333	154	2786215	38.832	ng	100
47) 2-Chloronaphthalene	13.368	162	2224727	38.889	ng	100
48) 2-Nitroaniline	13.563	65	538415	42.165	ng	100
49) Acenaphthylene	14.215	152	3433586	39.714	ng	100
50) Dimethylphthalate	13.951	163	2613190	39.248	ng	100
51) 2,6-Dinitrotoluene	14.063	165	528767	41.362	ng	100
52) Acenaphthene	14.557	154	2148079	39.080	ng	100
53) 3-Nitroaniline	14.386	138	568716	41.832	ng	100
54) 2,4-Dinitrophenol	14.586	184	225952	35.873	ng	100
55) Dibenzofuran	14.892	168	3305040	39.024	ng	100
56) 4-Nitrophenol	14.680	139	473550	40.504	ng	100
57) 2,4-Dinitrotoluene	14.845	165	717807	38.104	ng	100
58) Fluorene	15.539	166	2744882	39.349	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	705044	40.512	ng	100
60) Diethylphthalate	15.315	149	2532007	39.811	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1443937	39.586	ng	100
62) 4-Nitroaniline	15.545	138	602257	39.043	ng	100
63) Azobenzene	15.827	77	2337291	40.021	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	343246	36.538	ng	100
66) n-Nitrosodiphenylamine	15.745	169	2284645	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	798257	39.504	ng	100
68) Hexachlorobenzene	16.539	284	940659	39.414	ng	100
69) Atrazine	16.692	200	775270	41.139	ng	100
70) Pentachlorophenol	16.874	266	590077	39.717	ng	100
71) Phenanthrene	17.268	178	4039451	38.923	ng	100
72) Anthracene	17.362	178	4095570	39.646	ng	100
73) Carbazole	17.621	167	3704436	39.632	ng	100
74) Di-n-butylphthalate	18.198	149	4183360	40.890	ng	100
75) Fluoranthene	19.280	202	4522403	40.085	ng	100
77) Benzidine	19.456	184	2104809	43.341	ng	100
78) Pyrene	19.639	202	4798678	39.352	ng	100
80) Butylbenzylphthalate	20.539	149	1677924	41.731	ng	100
81) Benzo(a)anthracene	21.439	228	4880944	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1633134	39.036	ng	100
83) Chrysene	21.497	228	4604684	39.351	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2685699	42.076	ng	100
85) Di-n-octyl phthalate	22.527	149	4028194	40.294	ng	100
87) Indeno(1,2,3-cd)pyrene	27.938	276	5214934	39.813	ng	100
88) Benzo(b)fluoranthene	23.538	252	4531635	39.990	ng	100
89) Benzo(k)fluoranthene	23.603	252	4654634	39.586	ng	100
90) Benzo(a)pyrene	24.356	252	4259750	40.157	ng	100
91) Dibenzo(a,h)anthracene	28.003	278	4396741	39.857	ng	100
92) Benzo(g,h,i)perylene	29.009	276	4131353	39.626	ng	100

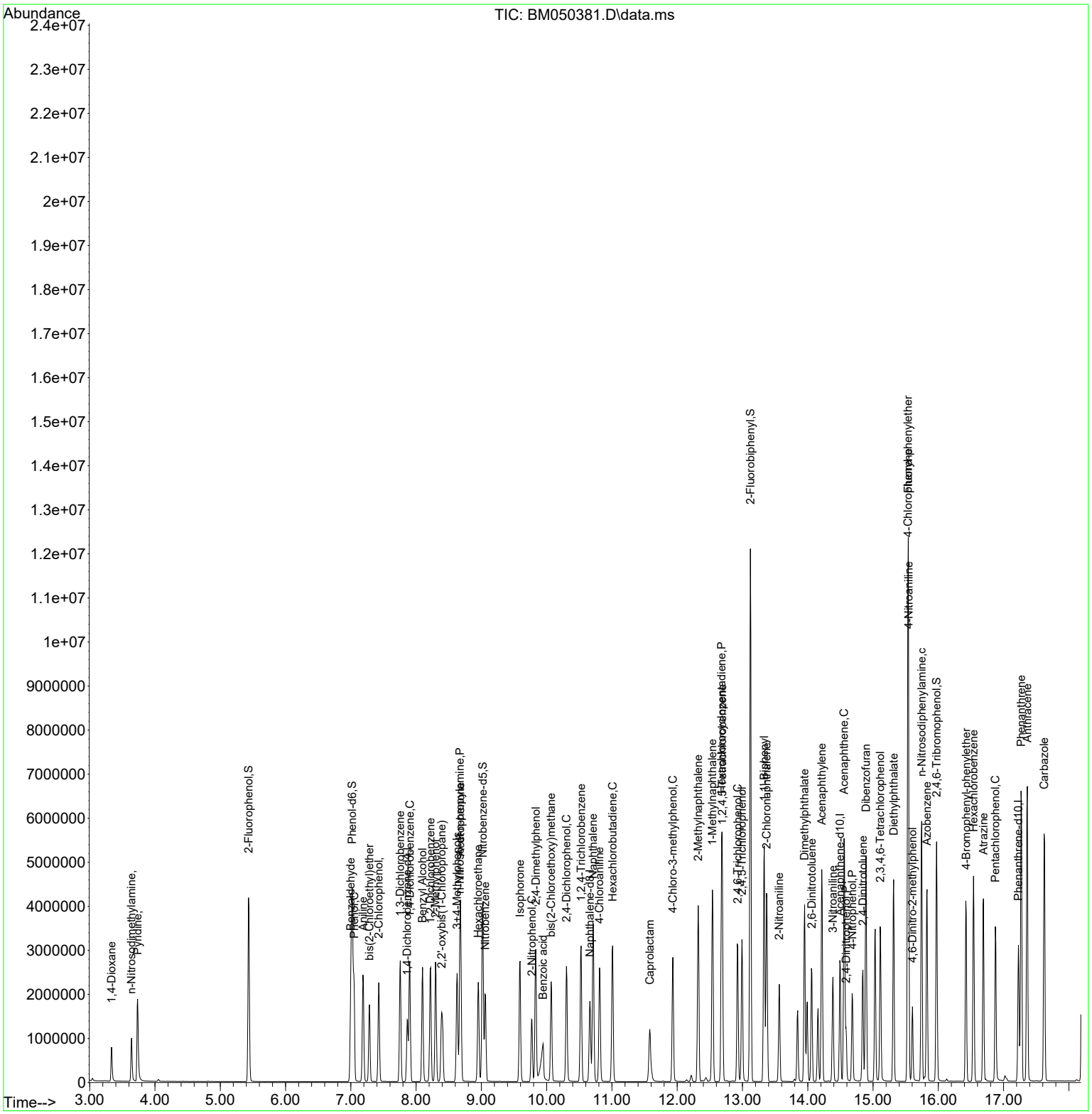
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

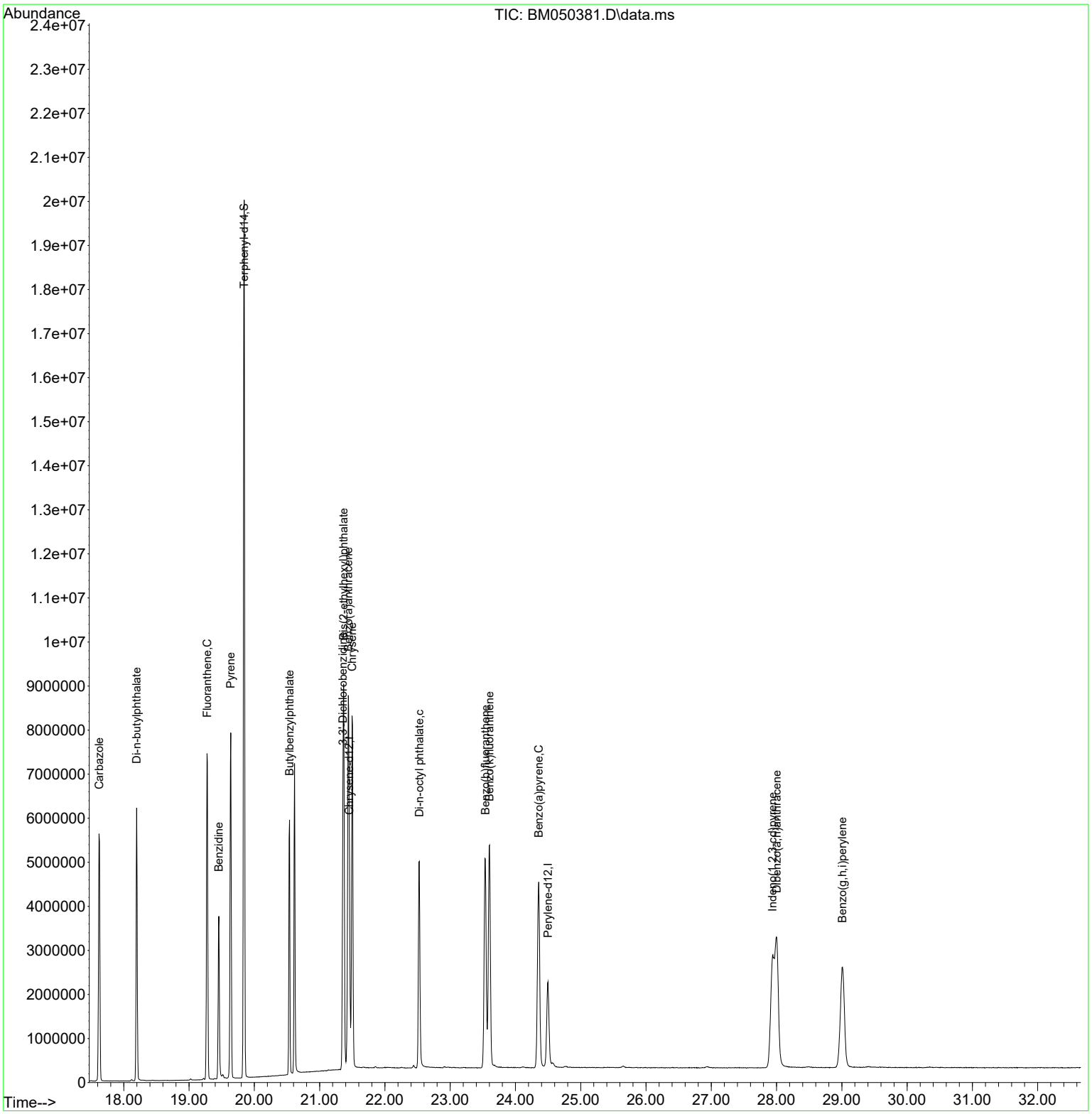


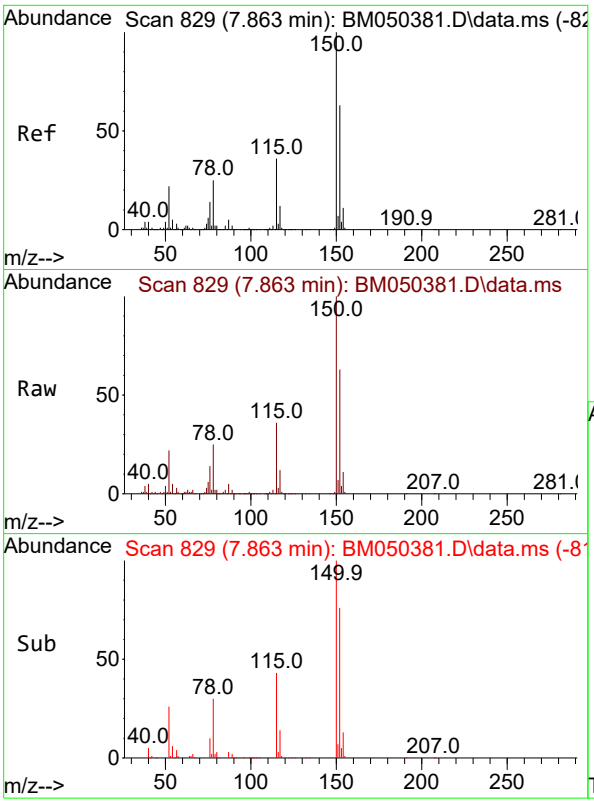
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050381.D
Acq On : 08 Jul 2025 15:20
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Jul 08 18:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



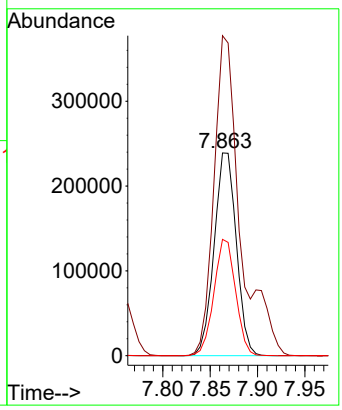


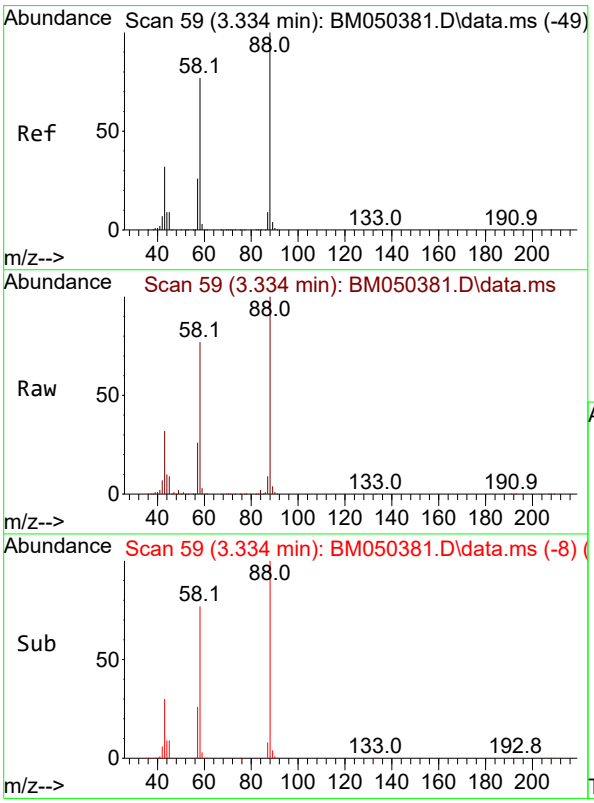
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 390087

Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.4
115	57.3	45.8	68.8

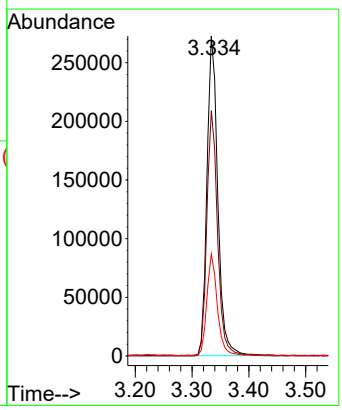


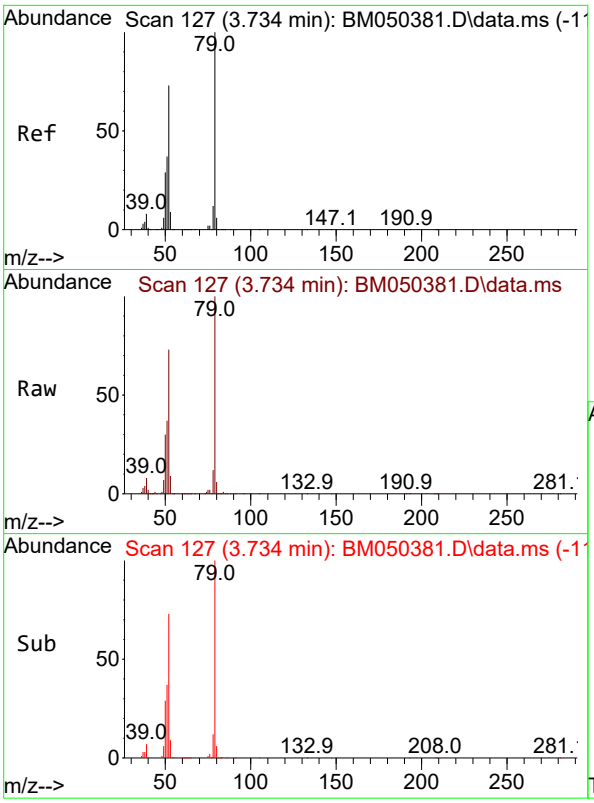


#2
1,4-Dioxane
Concen: 38.479 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 88 Resp: 358574

Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.0	91.6
43	30.8	24.6	37.0



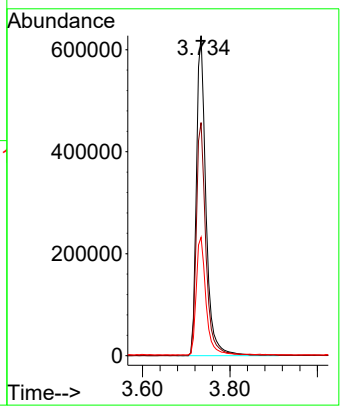


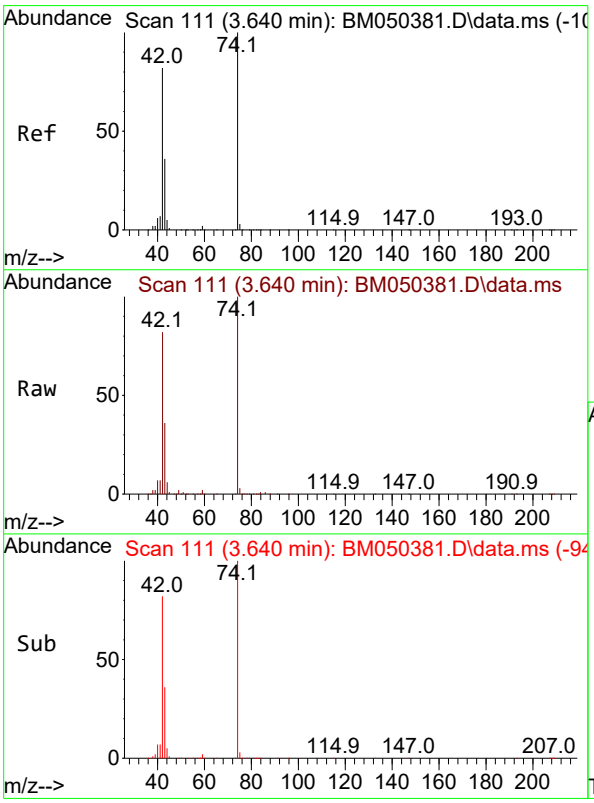
#3
Pyridine
Concen: 39.152 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 957840

Ion	Ratio	Lower	Upper
79	100		
52	72.9	58.3	87.5
51	37.0	29.6	44.4

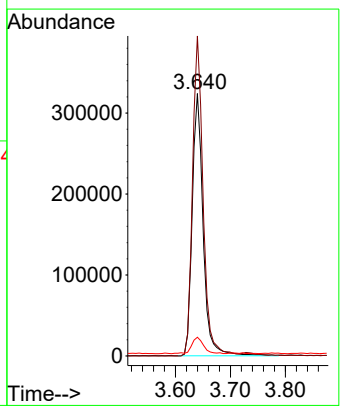


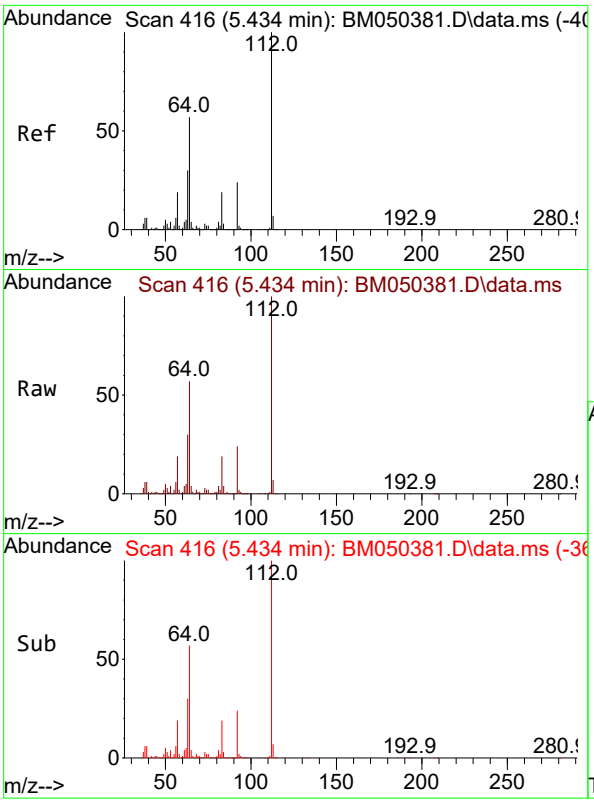


#4
n-Nitrosodimethylamine
Concen: 39.127 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 42 Resp: 446254

Ion	Ratio	Lower	Upper
42	100		
74	121.9	97.5	146.3
44	7.1	5.7	8.5



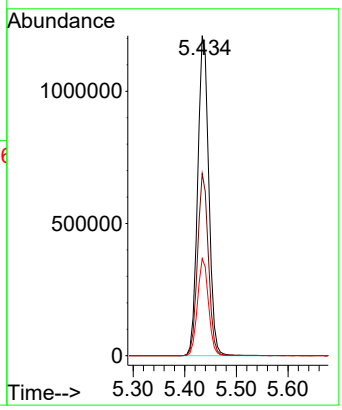


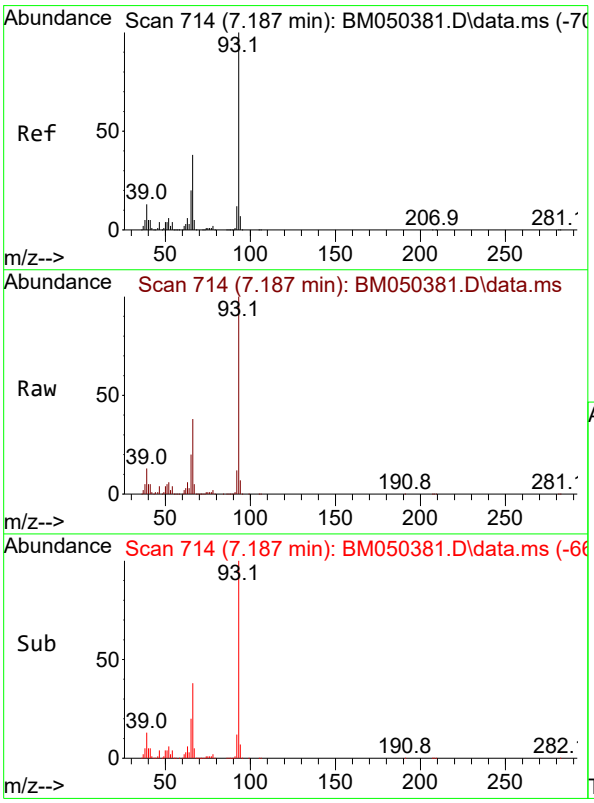
#5
2-Fluorophenol
Concen: 79.307 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1797254

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.5	68.3
63	30.3	24.2	36.4

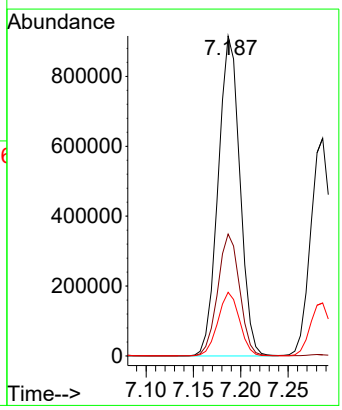


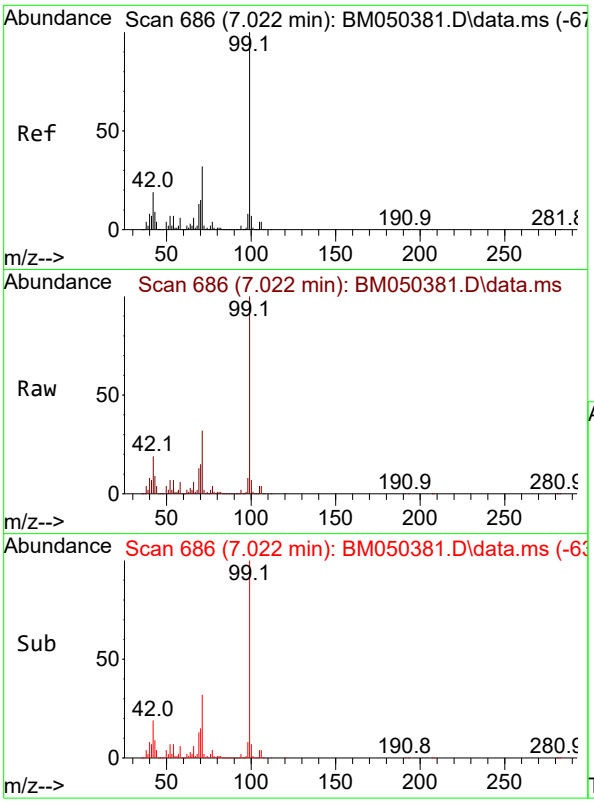


#6
Aniline
Concen: 39.971 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1465425

Ion	Ratio	Lower	Upper
93	100		
66	38.1	30.5	45.7
65	19.9	15.9	23.9



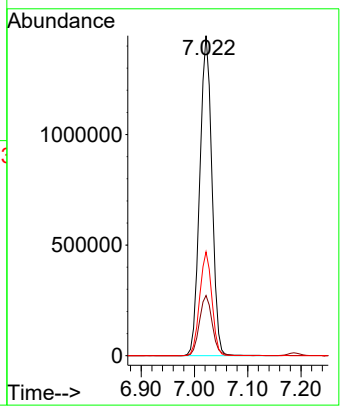


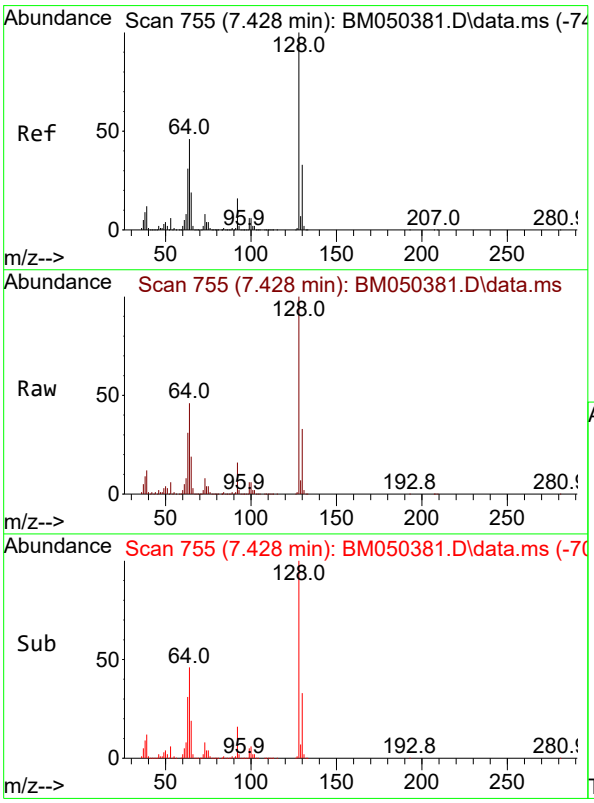
#7
Phenol-d6
Concen: 80.057 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 2287075

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.6
71	32.4	25.9	38.9

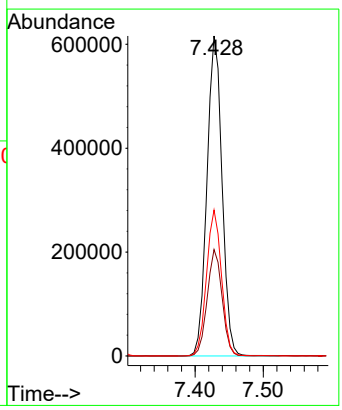


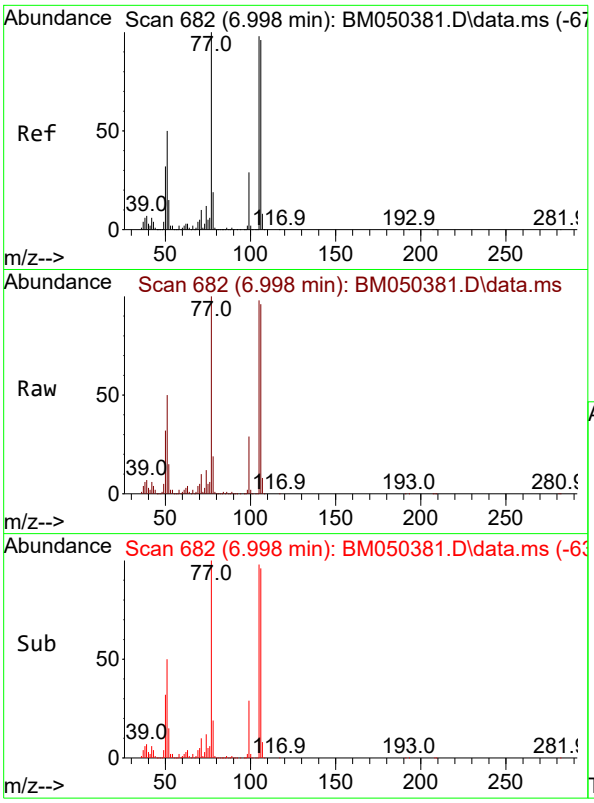


#8
2-Chlorophenol
Concen: 39.725 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:128 Resp: 949275

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	45.6	25.6	65.6



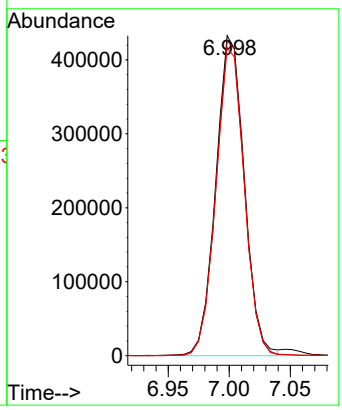


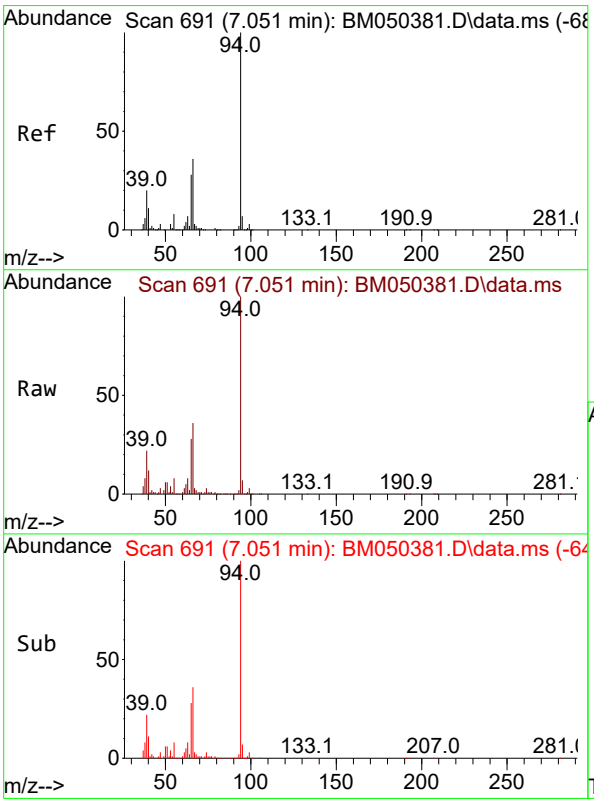
#9
Benzaldehyde
Concen: 41.183 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 699931

Ion	Ratio	Lower	Upper
77	100		
105	98.4	78.4	118.4
106	96.3	76.3	116.3

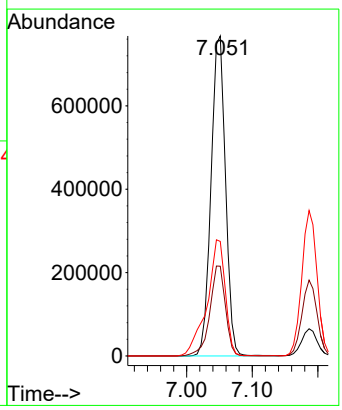


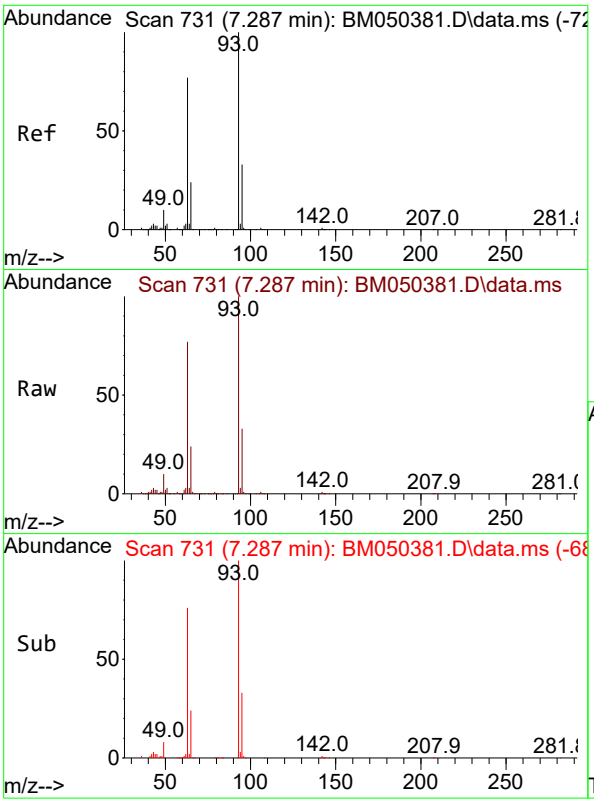


#10
Phenol
Concen: 39.486 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 94 Resp: 1176548

Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.1	48.1
66	35.8	15.8	55.8



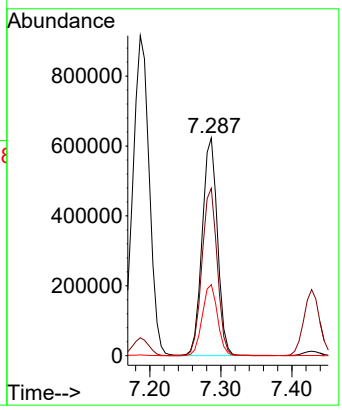


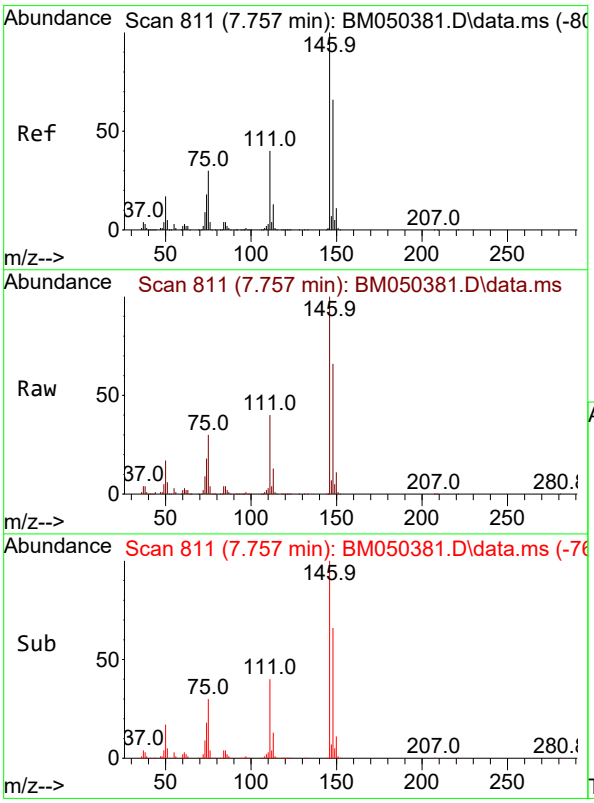
#11
bis(2-Chloroethyl)ether
Concen: 39.103 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 933093

Ion	Ratio	Lower	Upper
93	100		
63	76.9	56.9	96.9
95	32.6	12.6	52.6

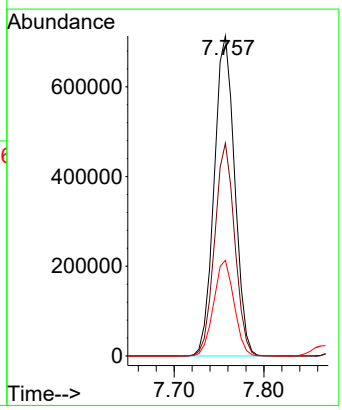


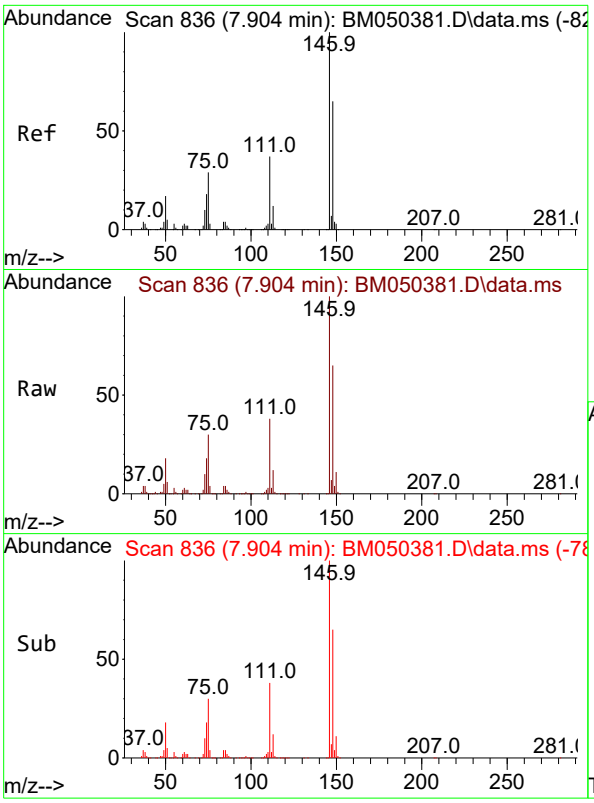


#12
1,3-Dichlorobenzene
Concen: 38.876 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1129597

Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.2	79.8
75	29.9	23.9	35.9



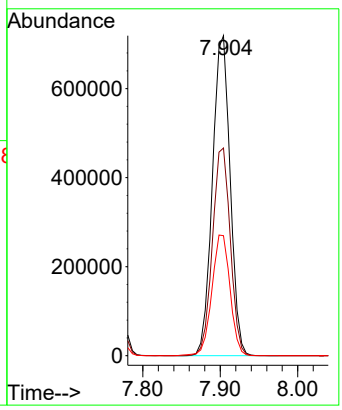


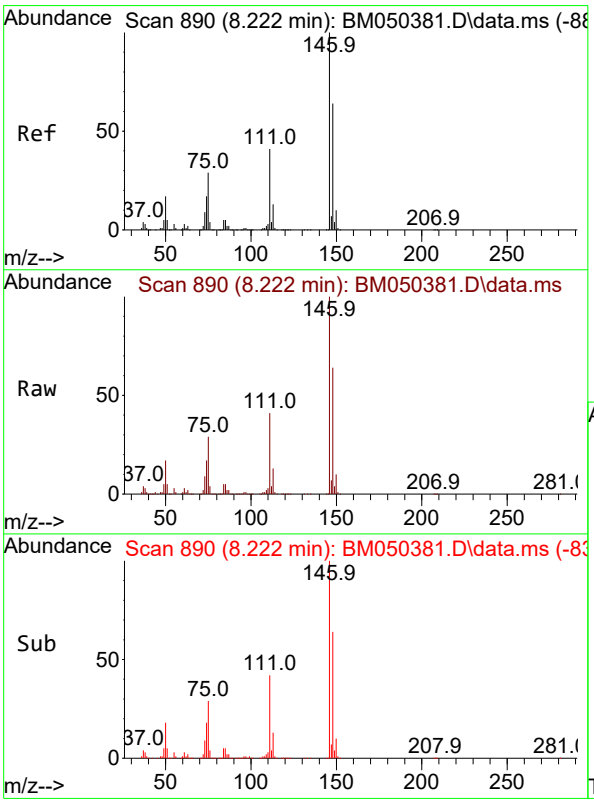
#13
1,4-Dichlorobenzene
Concen: 38.525 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 1143020

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	37.5	30.0	45.0

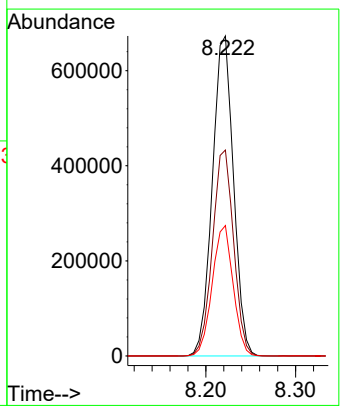


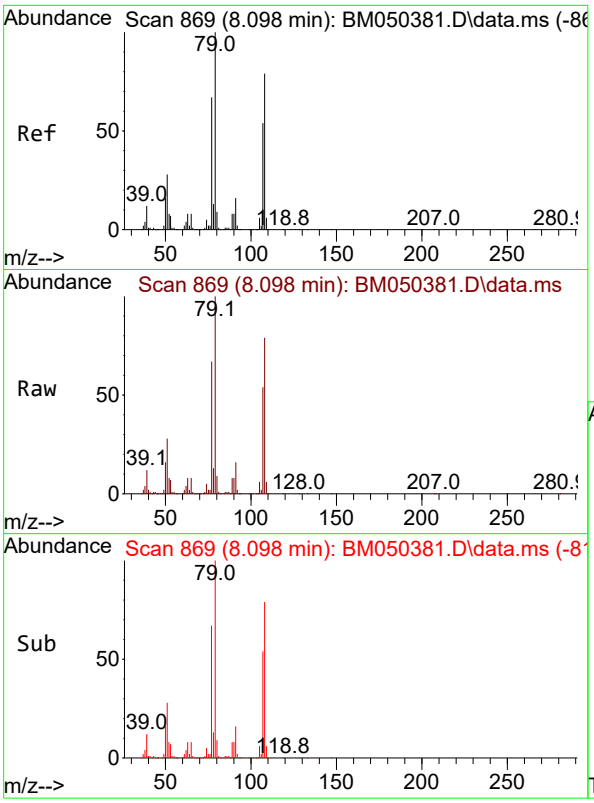


#14
1,2-Dichlorobenzene
Concen: 38.737 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:146 Resp: 1100335

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	40.8	32.6	49.0



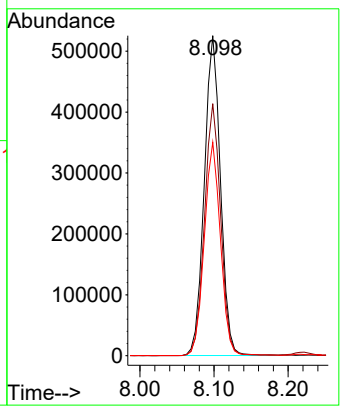


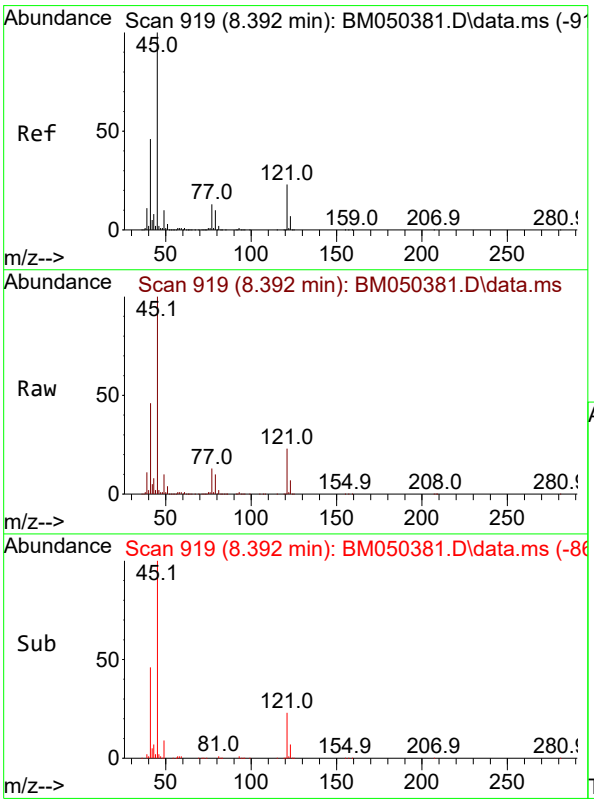
#15
Benzyl Alcohol
Concen: 39.610 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 797306

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.0	94.4
77	66.7	53.4	80.0

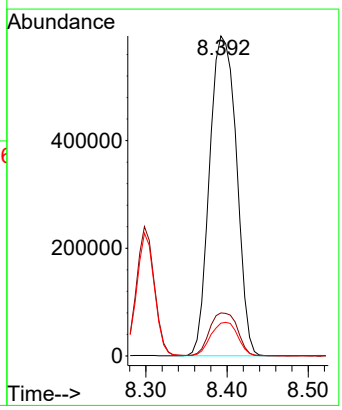


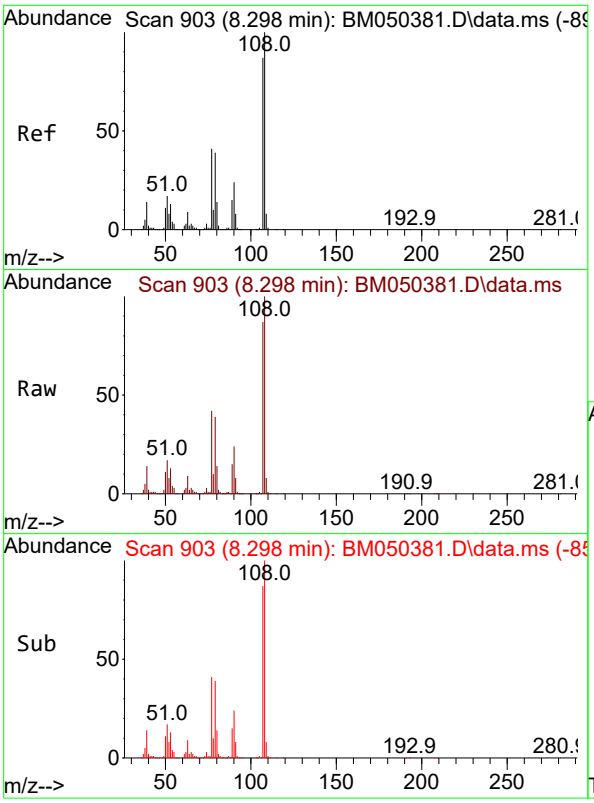


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.896 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 45 Resp: 1367157

Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.5
79	10.3	0.0	30.3



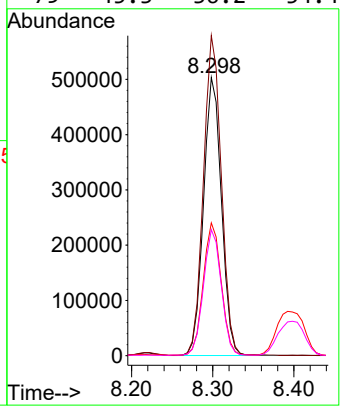


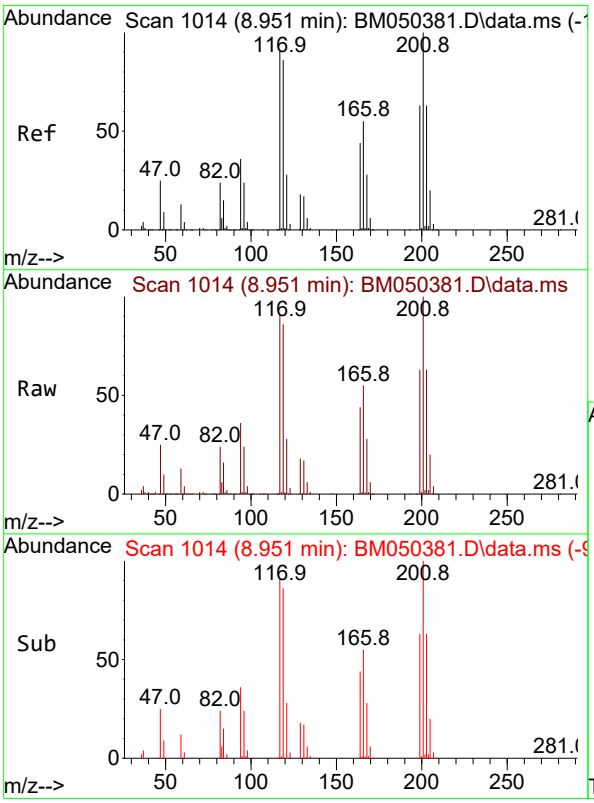
#17
2-Methylphenol
Concen: 39.981 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 772662

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.1	138.1
77	47.8	38.2	57.4
79	45.3	36.2	54.4

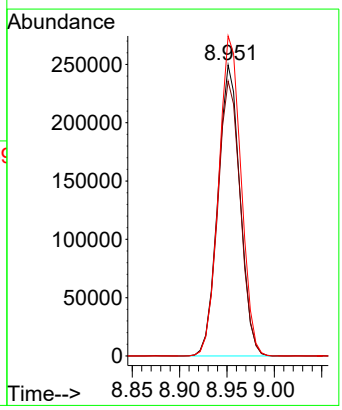


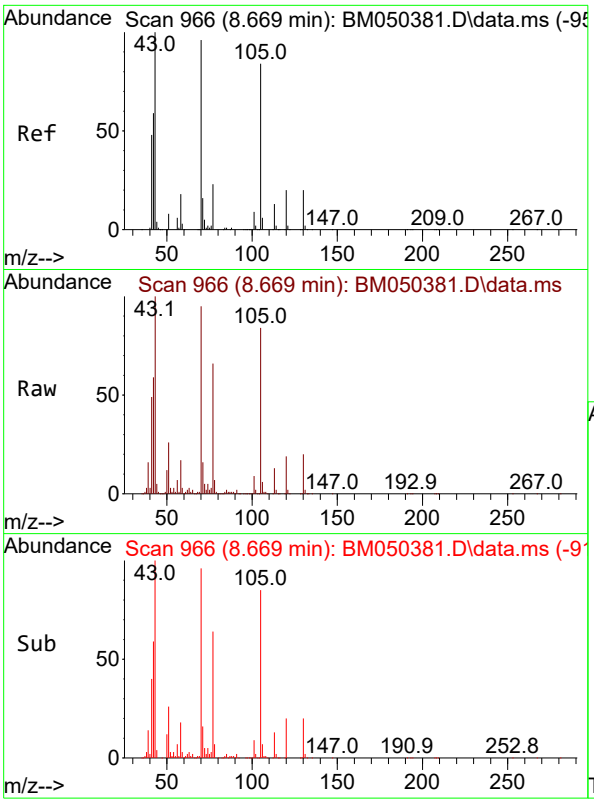


#18
Hexachloroethane
Concen: 38.914 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:117 Resp: 406049

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	109.9	87.9	131.9



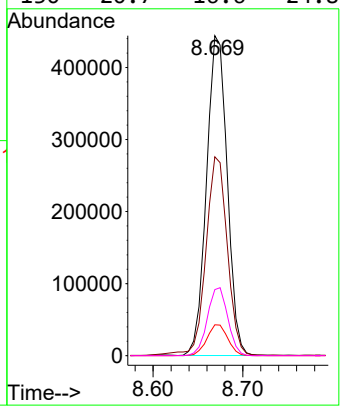


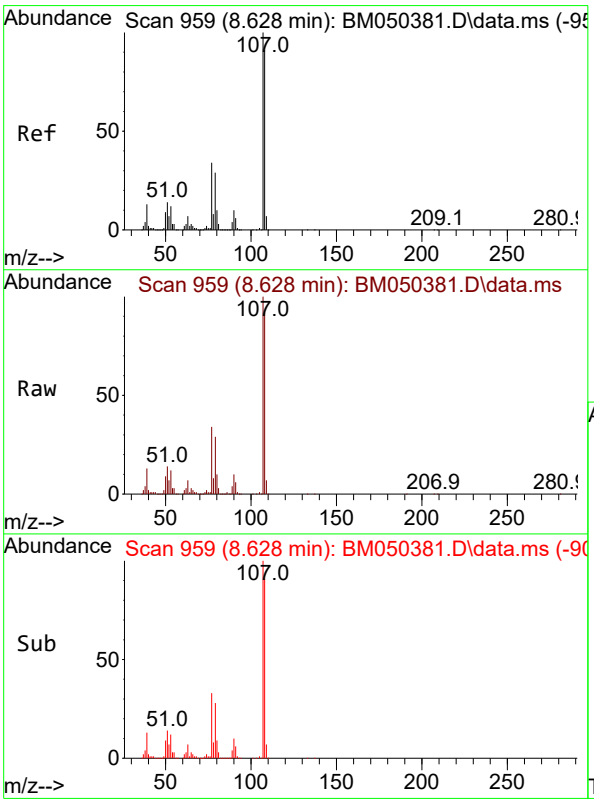
#19
n-Nitroso-di-n-propylamine
Concen: 41.065 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 710692

Ion	Ratio	Lower	Upper
70	100		
42	62.1	49.7	74.5
101	9.6	7.7	11.5
130	20.7	16.6	24.8

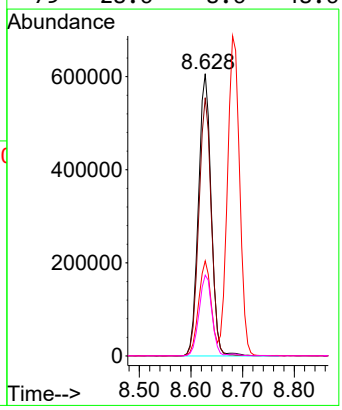


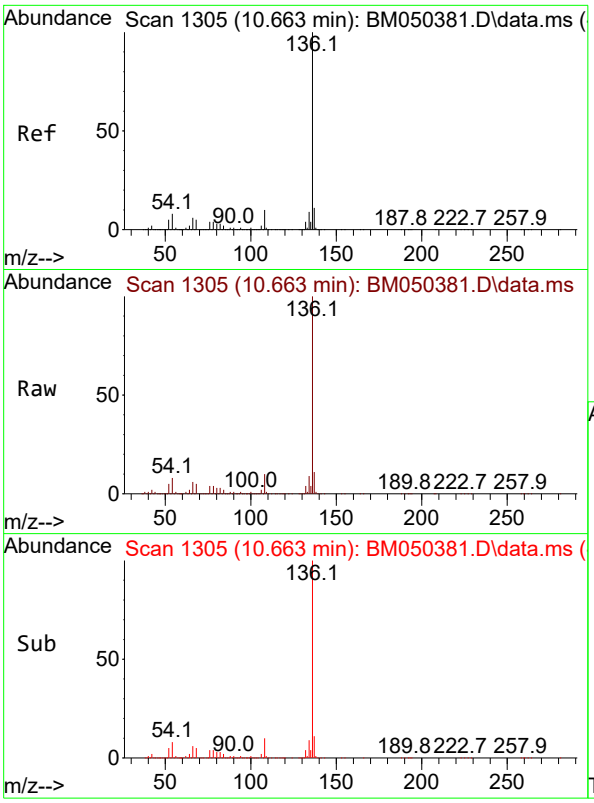


#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 1033775

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.7	13.7	53.7
79	28.6	8.6	48.6



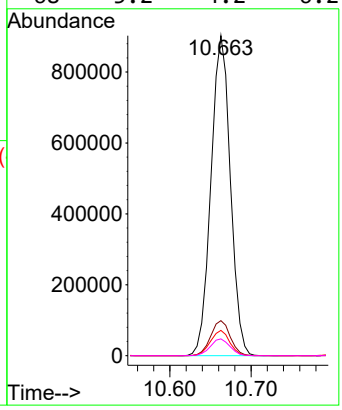


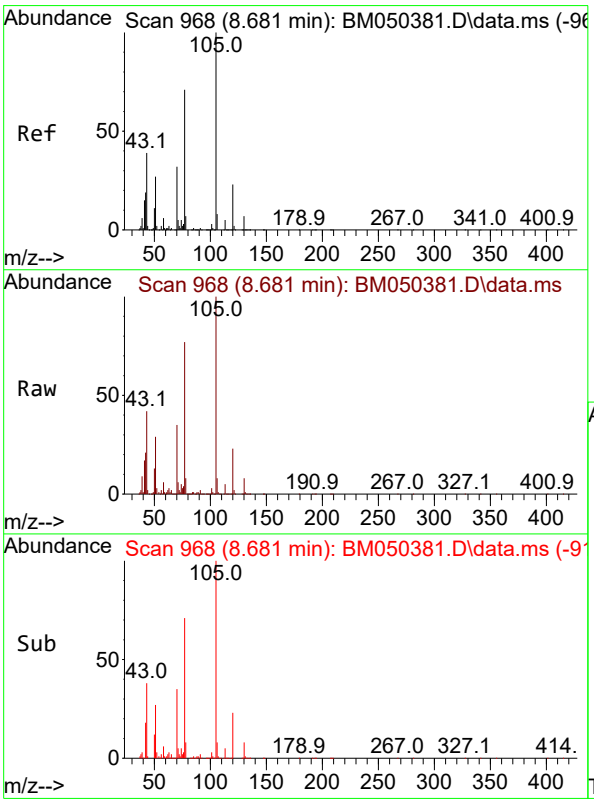
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1498318

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	5.2	4.2	6.2

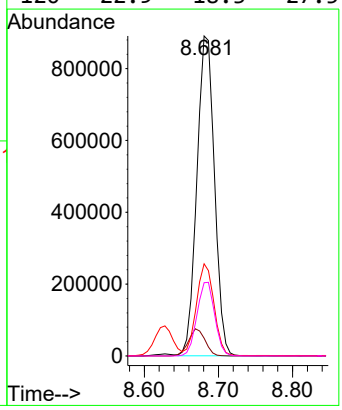


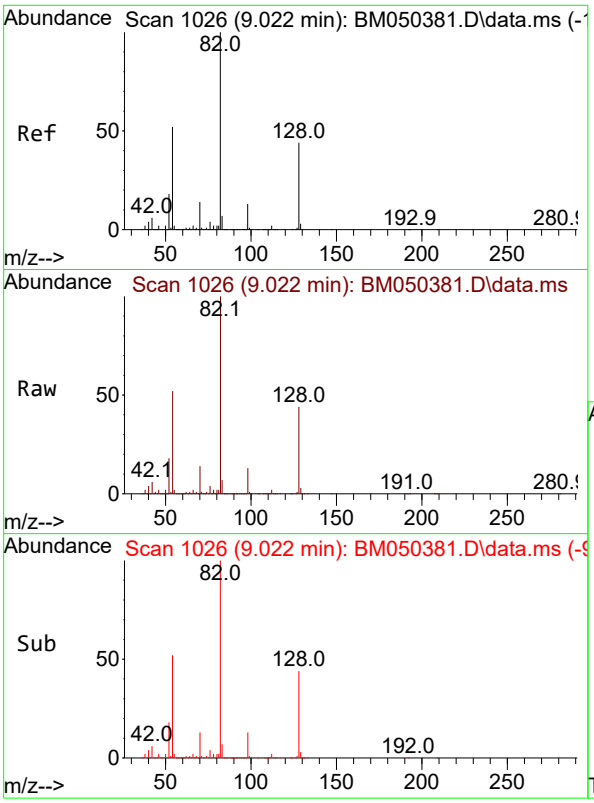


#22
Acetophenone
Concen: 39.290 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:105 Resp: 1471867

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	28.8	23.0	34.6
120	22.9	18.3	27.5



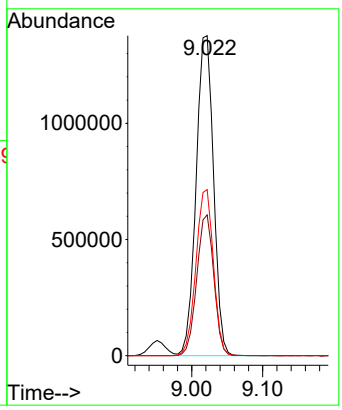


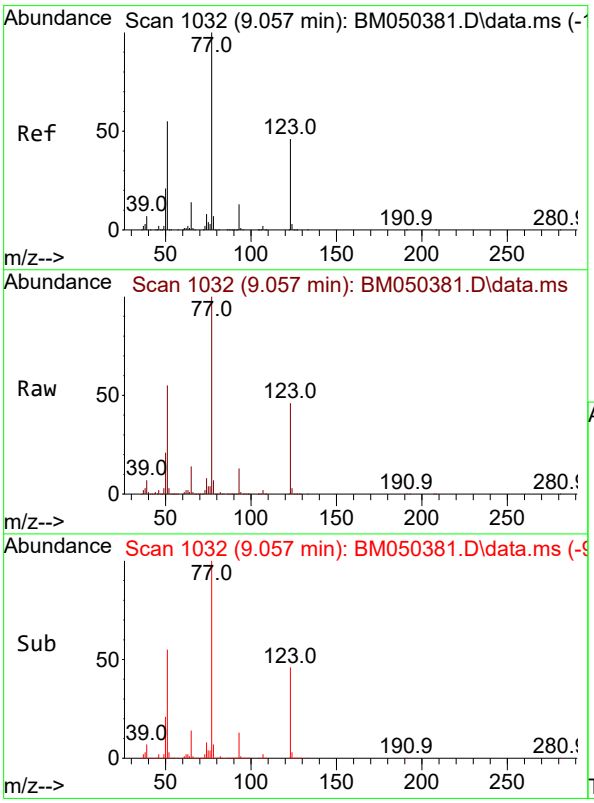
#23
Nitrobenzene-d5
Concen: 80.025 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 2350204

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	51.9	41.5	62.3

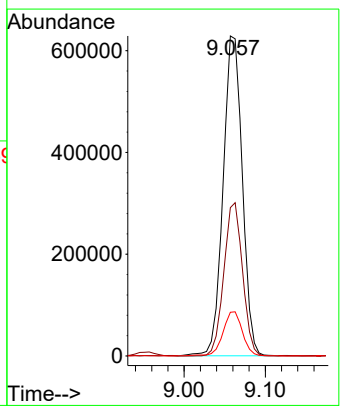


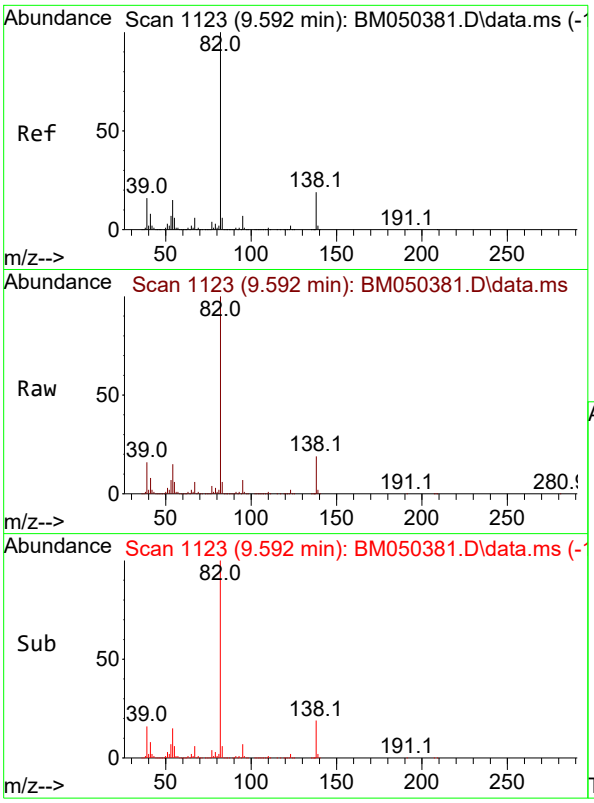


#24
Nitrobenzene
Concen: 39.463 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 77 Resp: 1034216

Ion	Ratio	Lower	Upper
77	100		
123	46.3	37.0	55.6
65	13.7	11.0	16.4



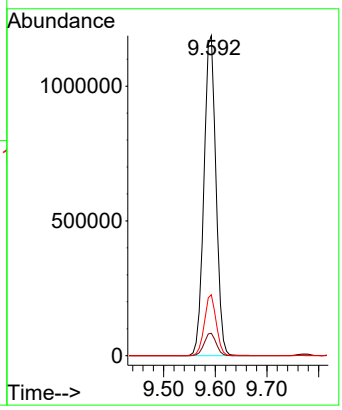


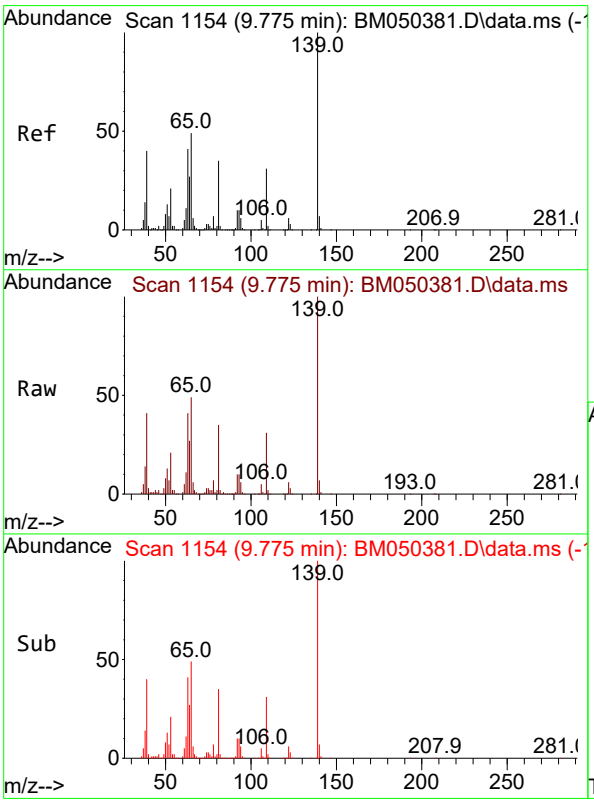
#25
Isophorone
Concen: 40.218 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1916609

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	19.1	15.3	22.9

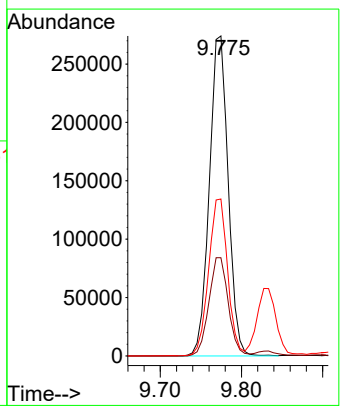


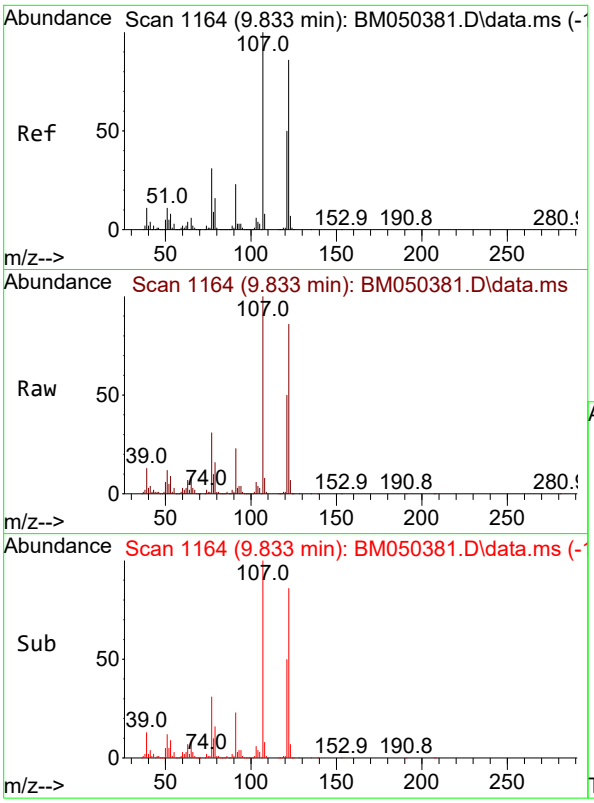


#26
2-Nitrophenol
Concen: 41.266 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 440758

Ion	Ratio	Lower	Upper
139	100		
109	30.7	24.6	36.8
65	49.0	39.2	58.8



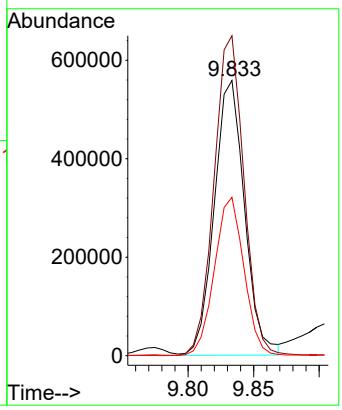


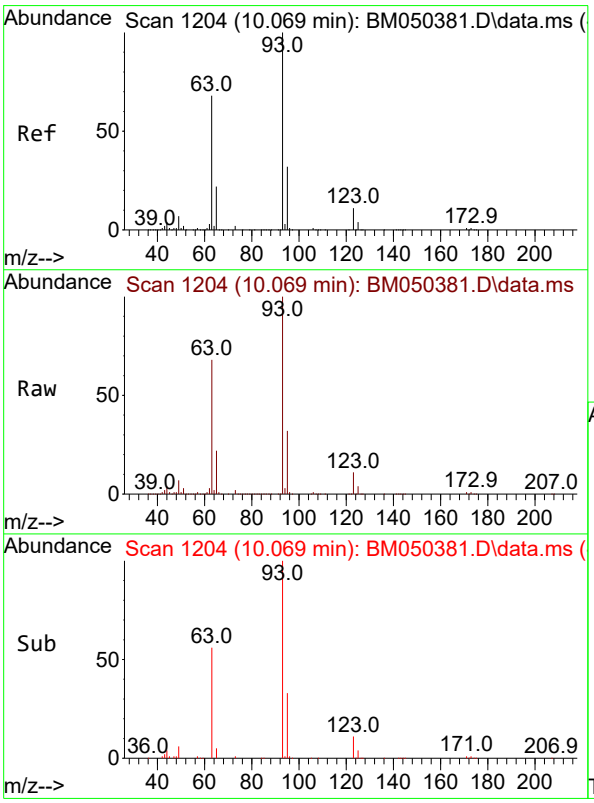
#27
2,4-Dimethylphenol
Concen: 39.384 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 895117

Ion	Ratio	Lower	Upper
122	100		
107	116.3	93.0	139.6
121	57.6	46.1	69.1

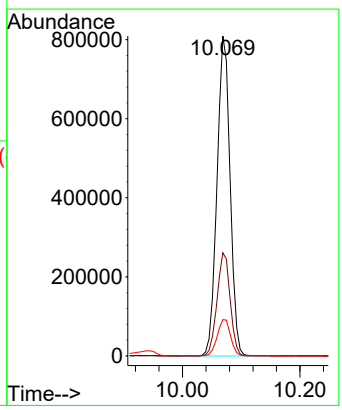


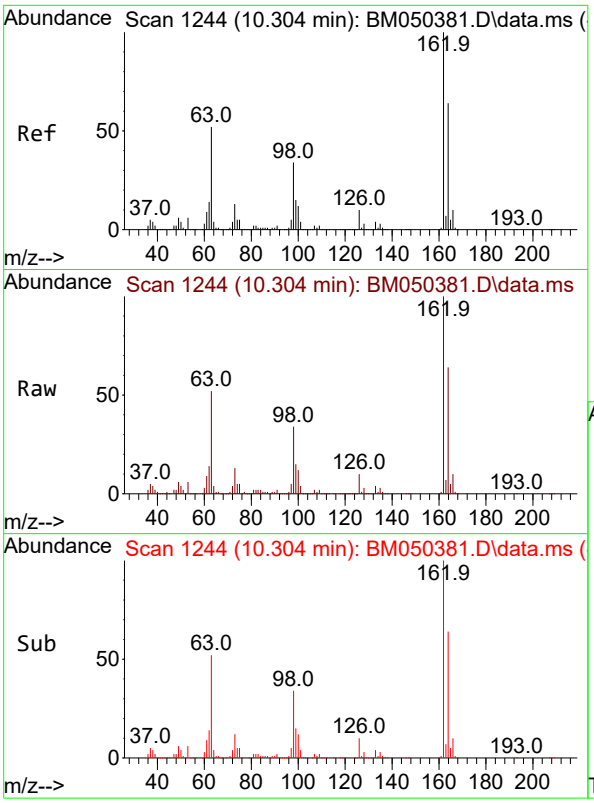


#28
bis(2-Chloroethoxy)methane
Concen: 39.577 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 93 Resp: 1249755

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	11.4	9.1	13.7



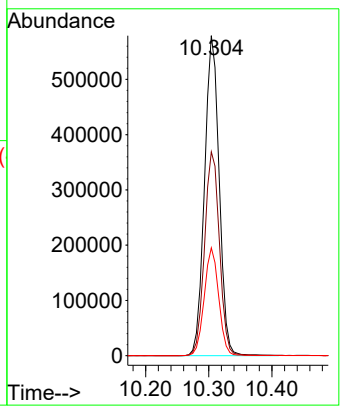


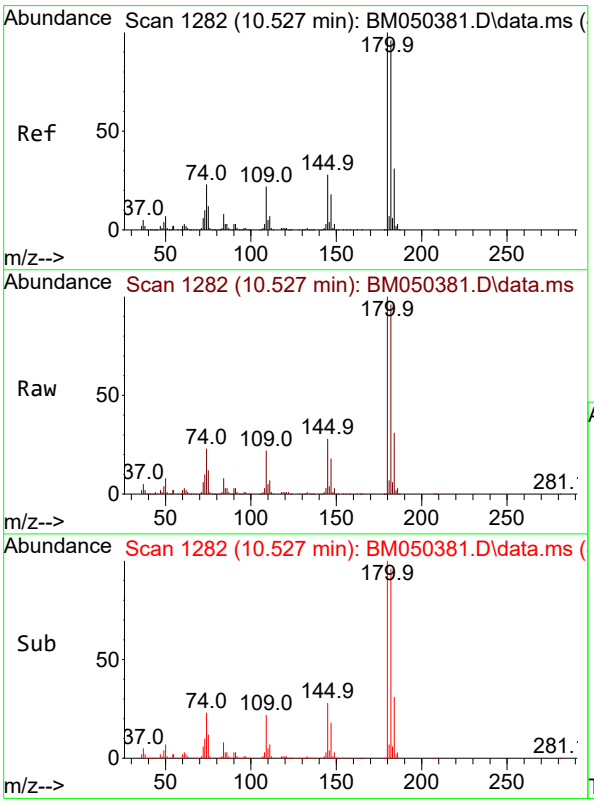
#29
2,4-Dichlorophenol
Concen: 40.040 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 934922

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	33.7	13.7	53.7

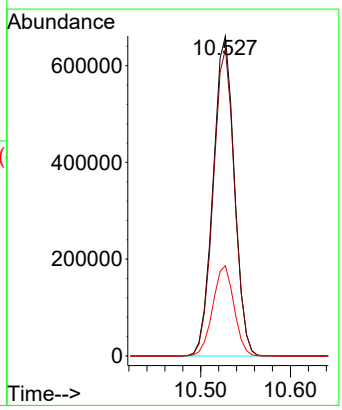


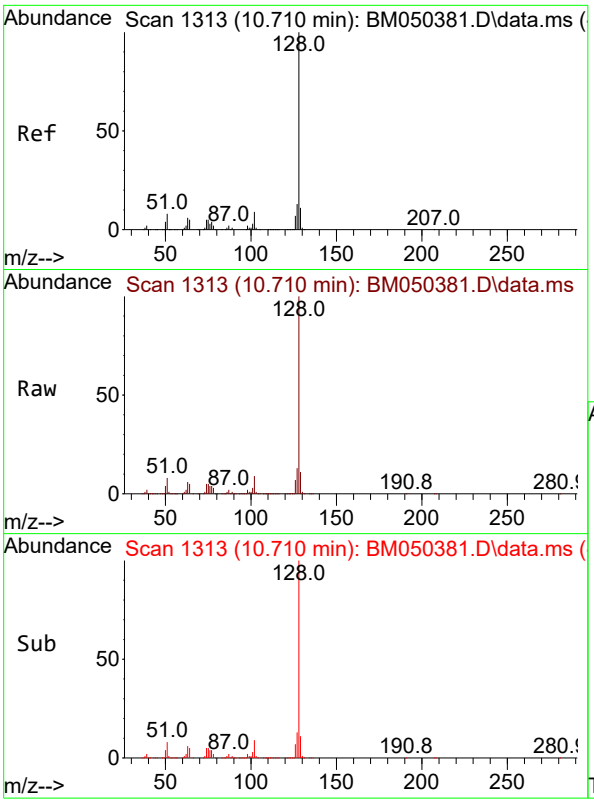


#30
1,2,4-Trichlorobenzene
Concen: 38.850 ng
RT: 10.527 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:180 Resp: 1085193

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
145	28.2	22.6	33.8



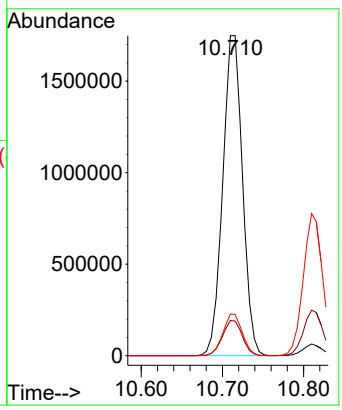


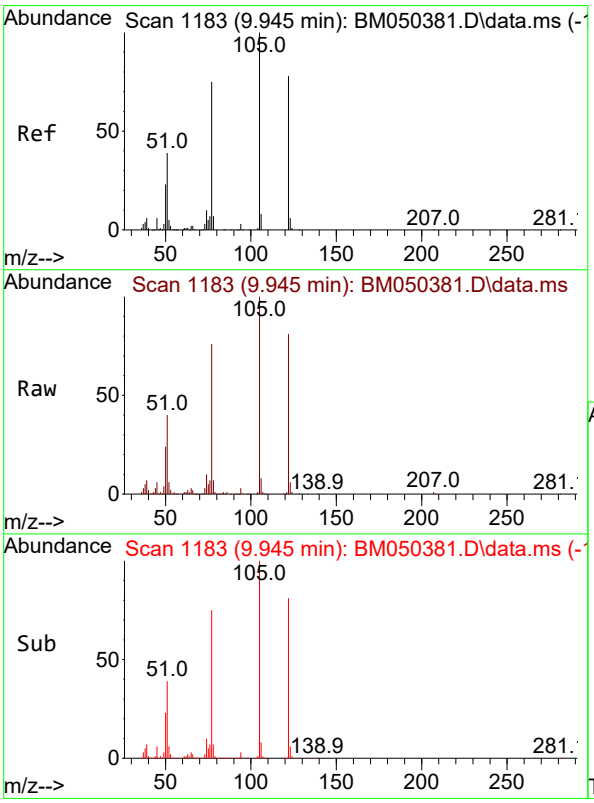
#31
Naphthalene
Concen: 38.905 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2960809

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

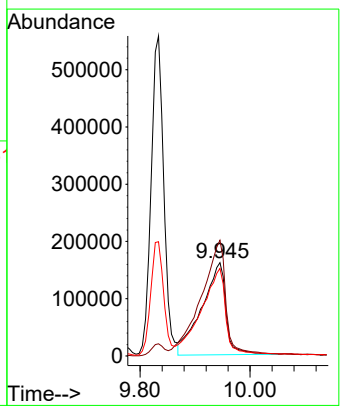


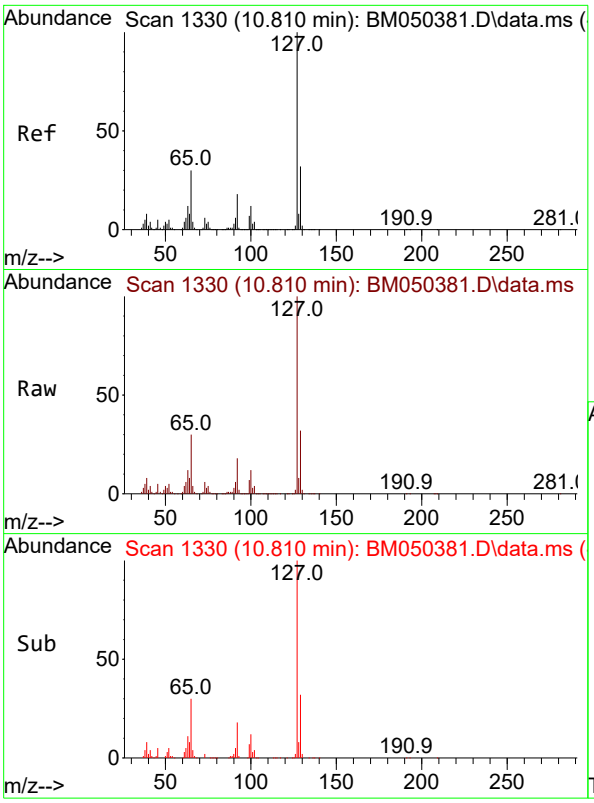


#32
Benzoic acid
Concen: 36.793 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:122 Resp: 491059

Ion	Ratio	Lower	Upper
122	100		
105	124.0	104.0	144.0
77	93.8	73.8	113.8



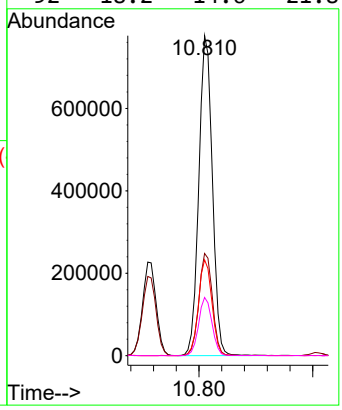


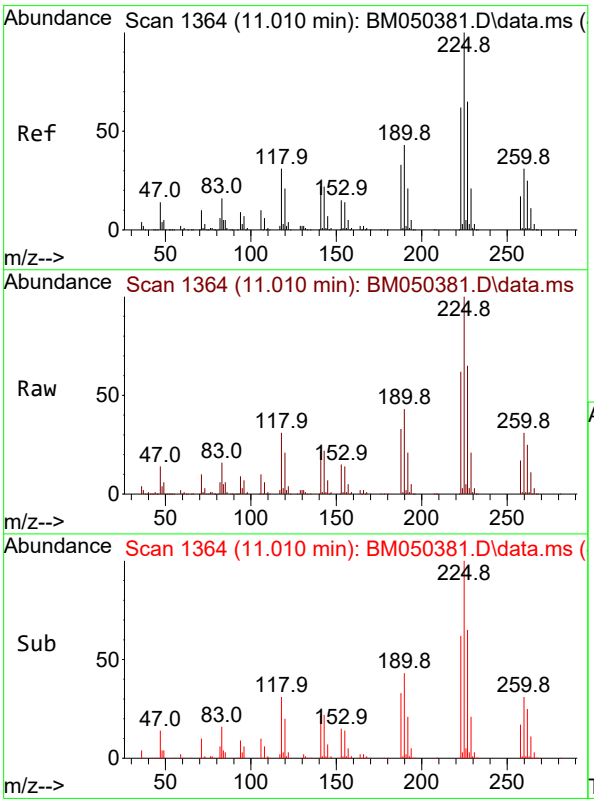
#33
4-Chloroaniline
Concen: 39.947 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 1285226

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	29.9	23.9	35.9
92	18.2	14.6	21.8

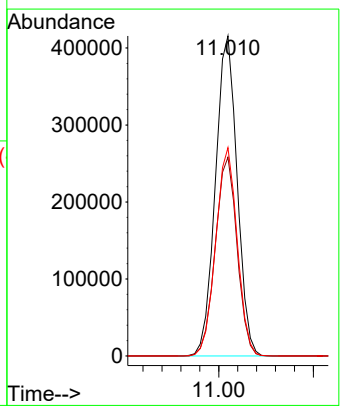


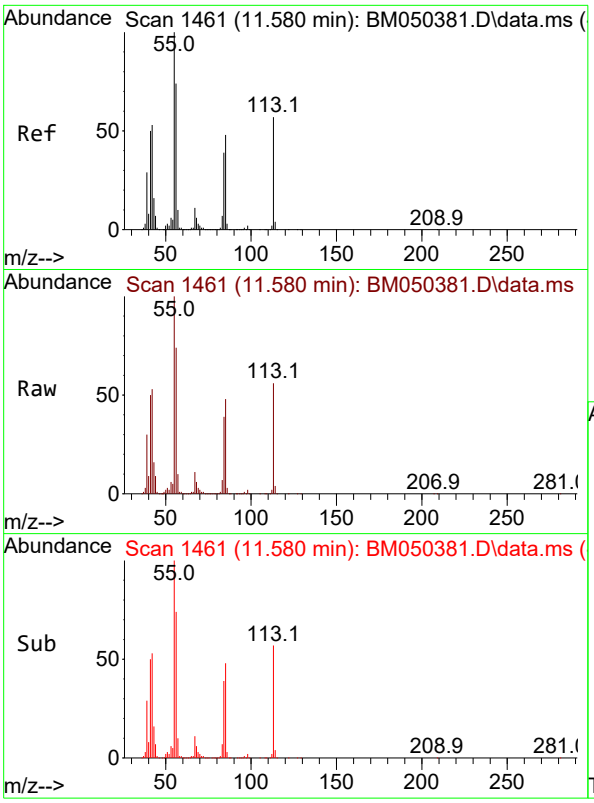


#34
Hexachlorobutadiene
Concen: 38.844 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:225 Resp: 662229

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.1	52.1	78.1



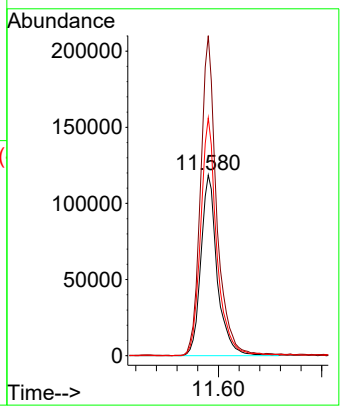


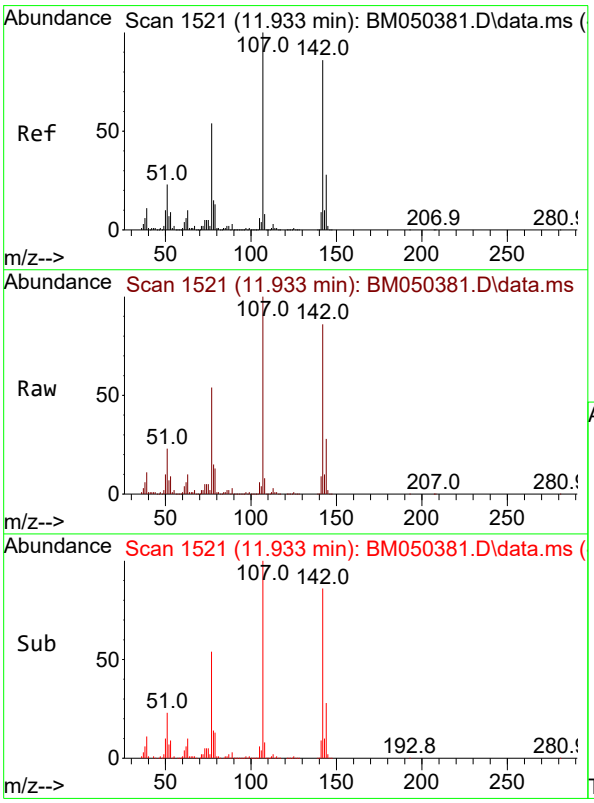
#35
Caprolactam
Concen: 40.791 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 260010

Ion	Ratio	Lower	Upper
113	100		
55	177.2	157.2	197.2
56	131.7	111.7	151.7

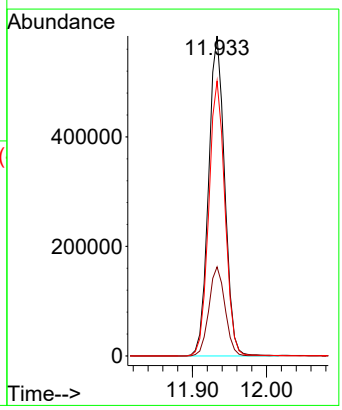


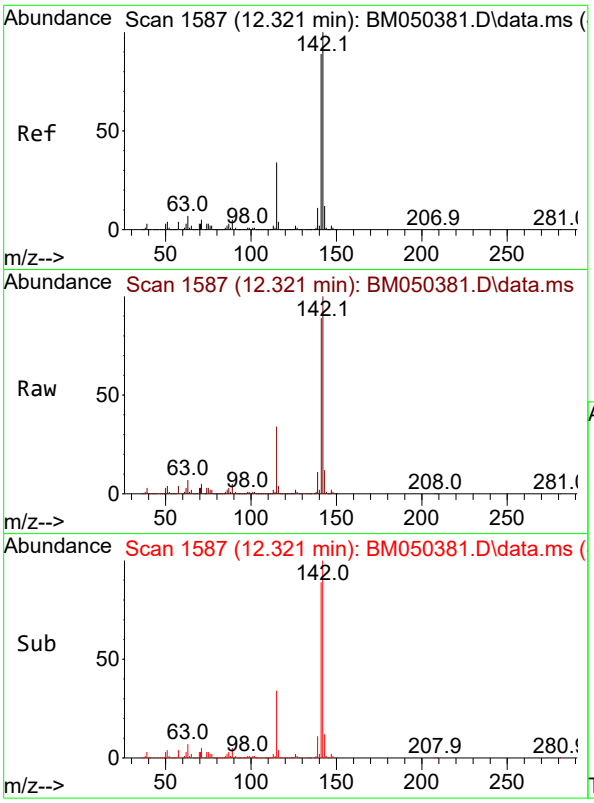


#36
4-Chloro-3-methylphenol
Concen: 40.538 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:107 Resp: 883903

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.9	68.7	103.1



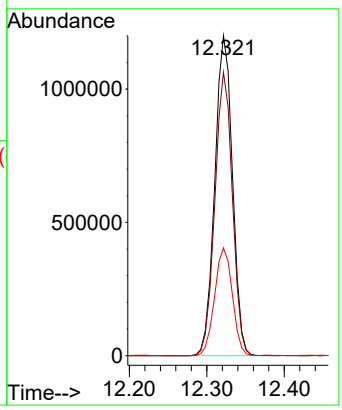


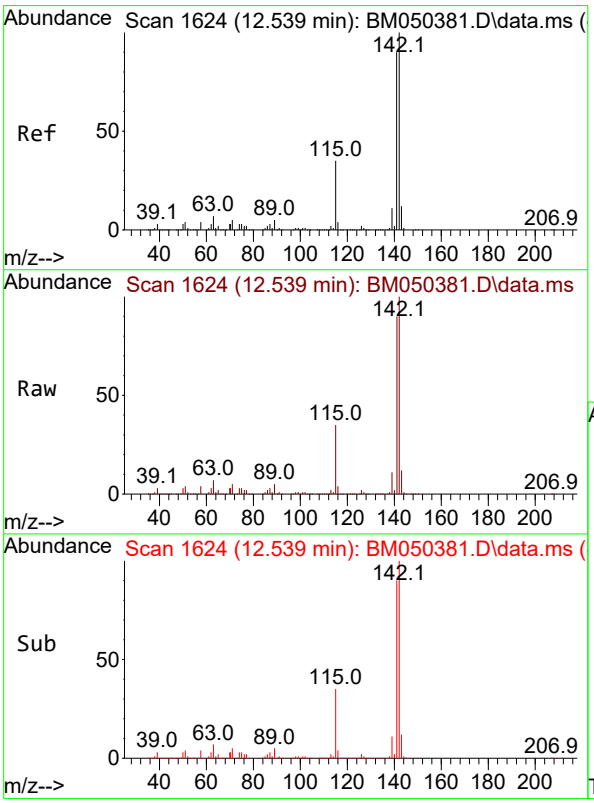
#37
2-Methylnaphthalene
Concen: 39.576 ng
RT: 12.321 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1901706

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.7	27.0	40.4

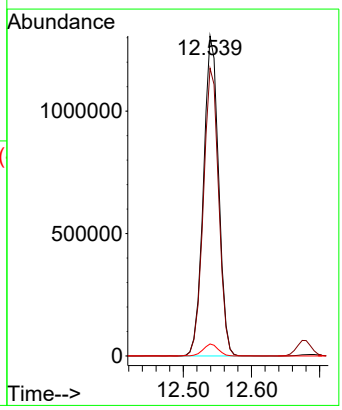


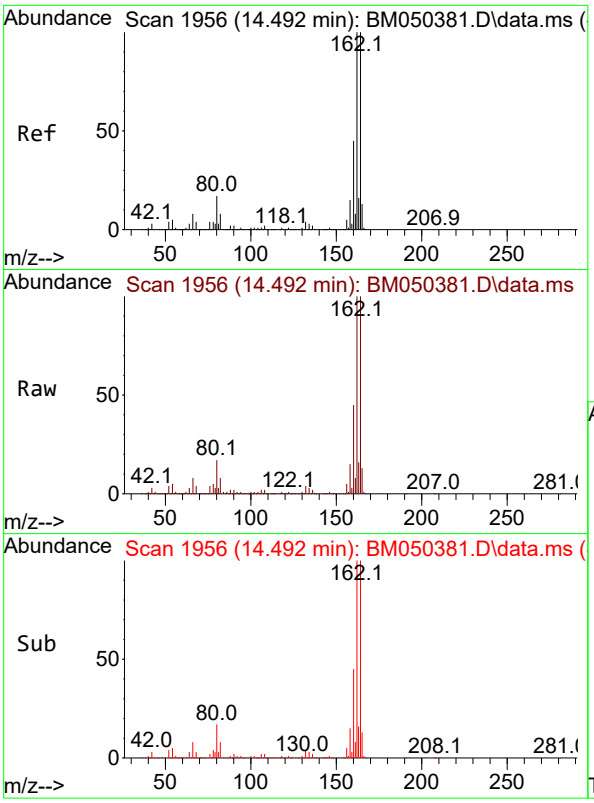


#38
1-Methylnaphthalene
Concen: 39.665 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:142 Resp: 2017118

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9
116	3.8	3.0	4.6



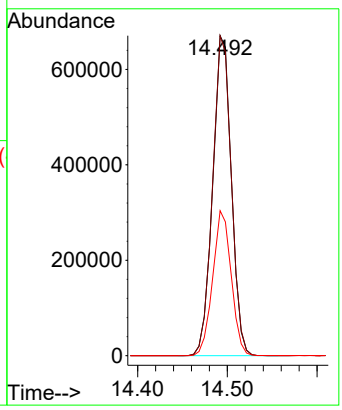


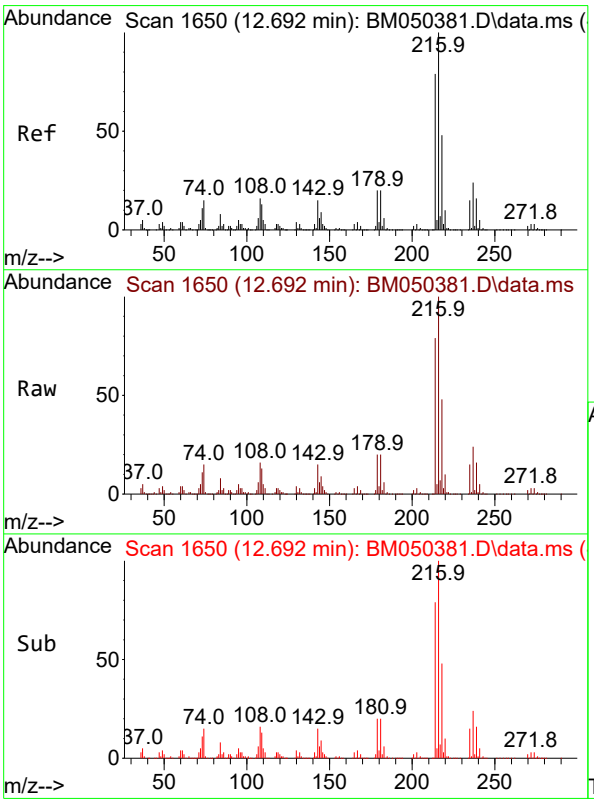
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 967077

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.9	119.9
160	45.3	36.2	54.4

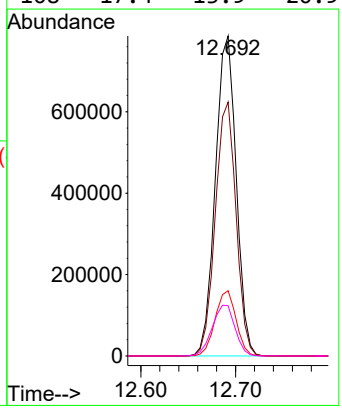


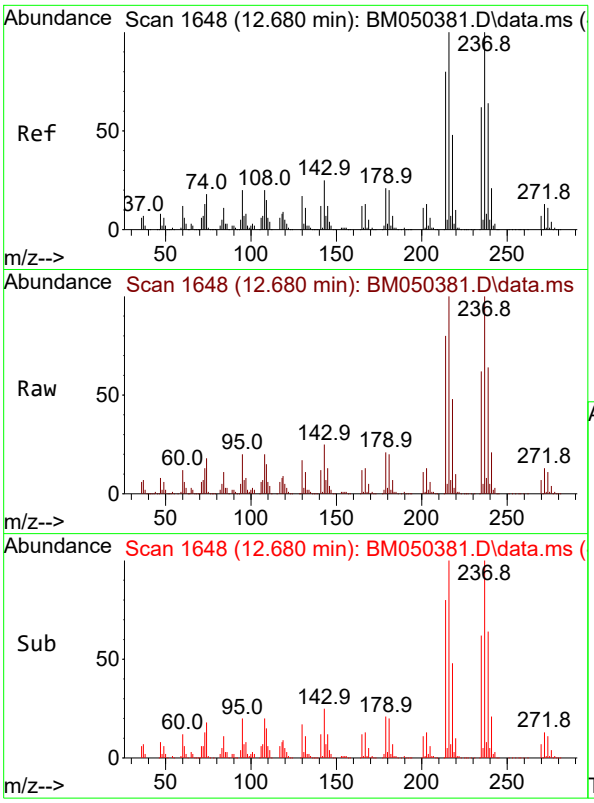


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.134 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:216 Resp: 1203524

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.3	94.9
179	20.5	16.4	24.6
108	17.4	13.9	20.9



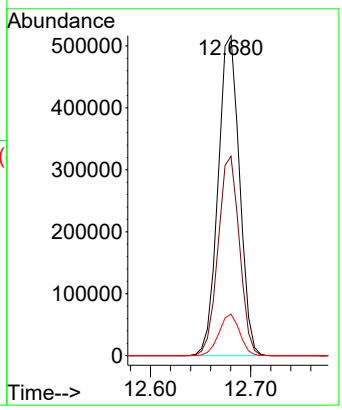


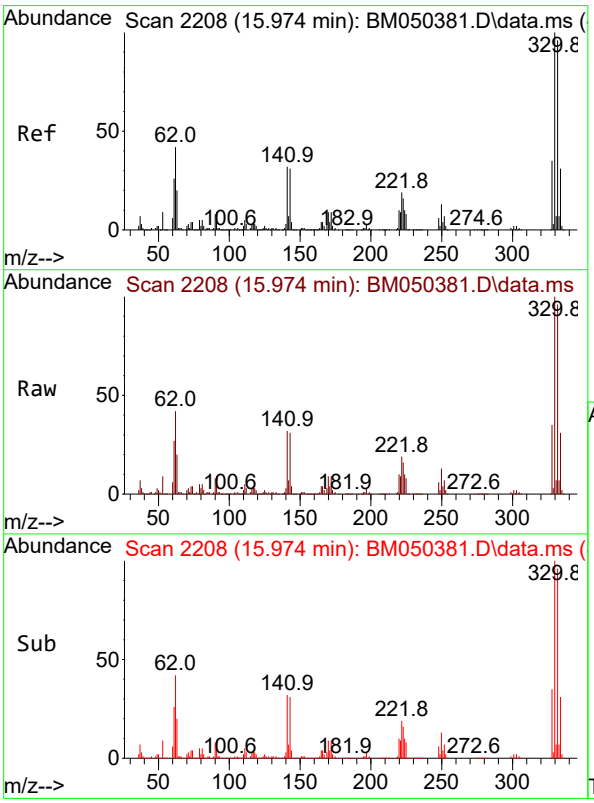
#41
Hexachlorocyclopentadiene
Concen: 38.951 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 765708

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.0	0.0	33.0

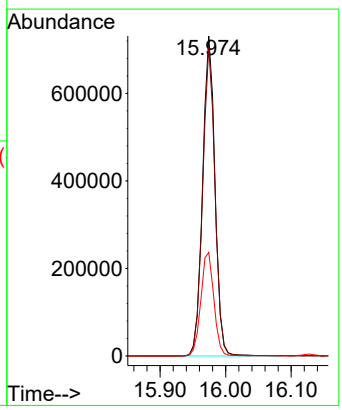


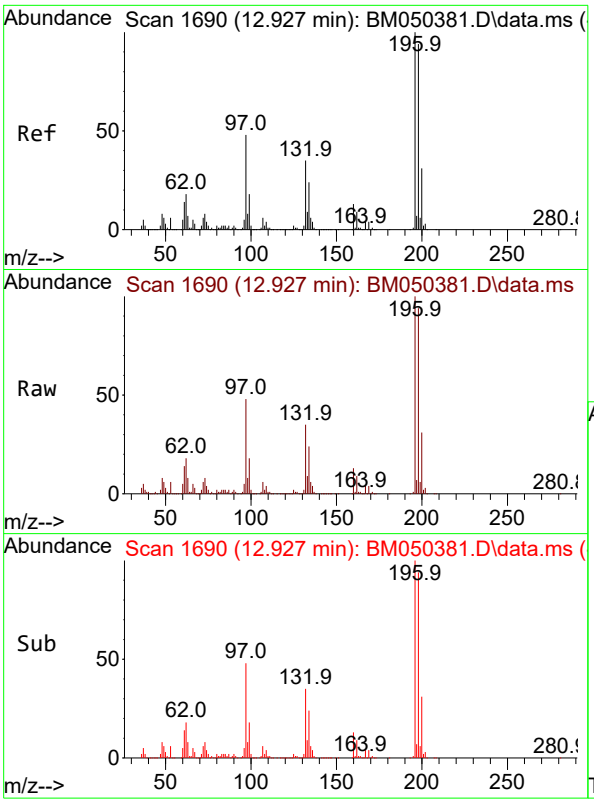


#42
2,4,6-Tribromophenol
Concen: 81.797 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:330 Resp: 961125

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	34.2	27.4	41.0



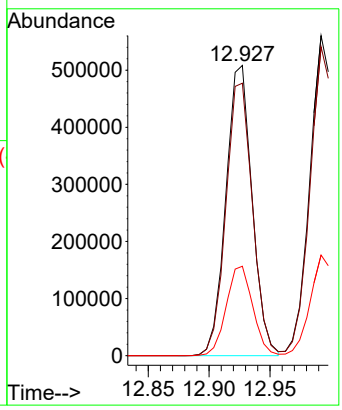


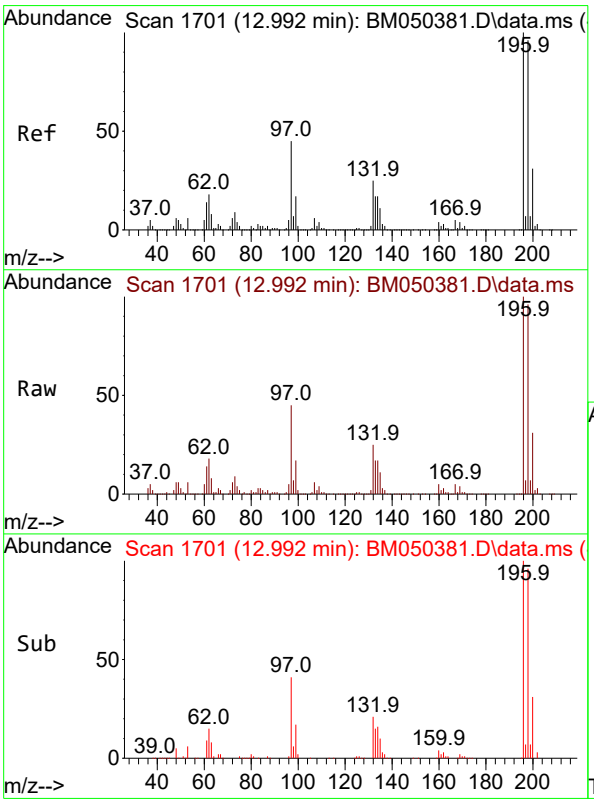
#43
2,4,6-Trichlorophenol
Concen: 40.252 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 761982

Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.1	112.7
200	30.8	24.6	37.0

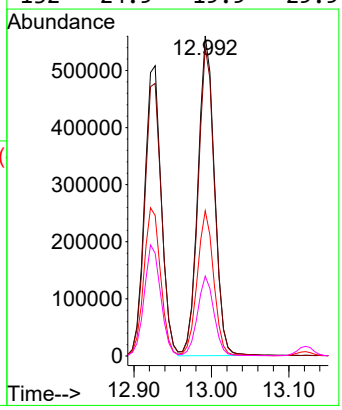


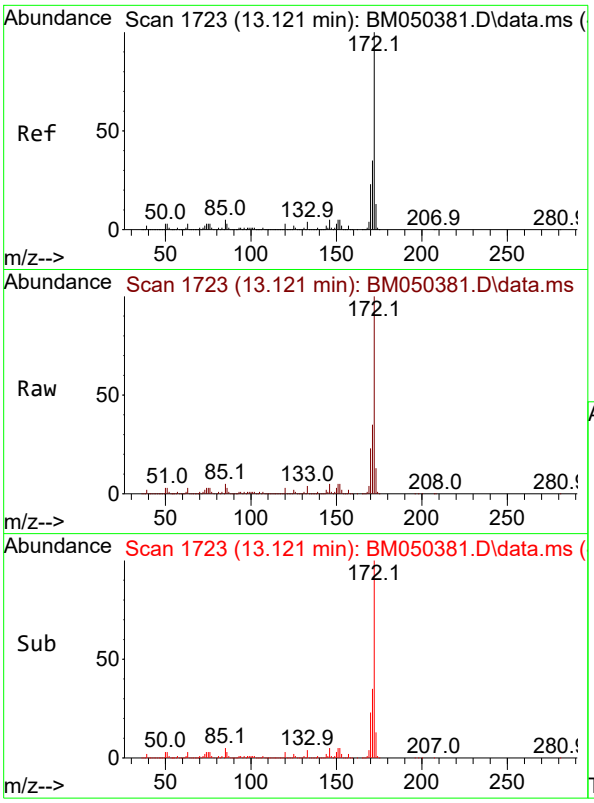


#44
2,4,5-Trichlorophenol
Concen: 40.202 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:196 Resp: 831142

Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.2	115.8
97	45.3	36.2	54.4
132	24.9	19.9	29.9



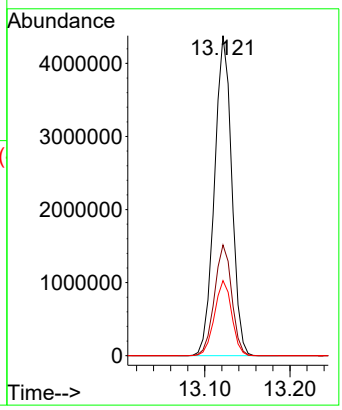


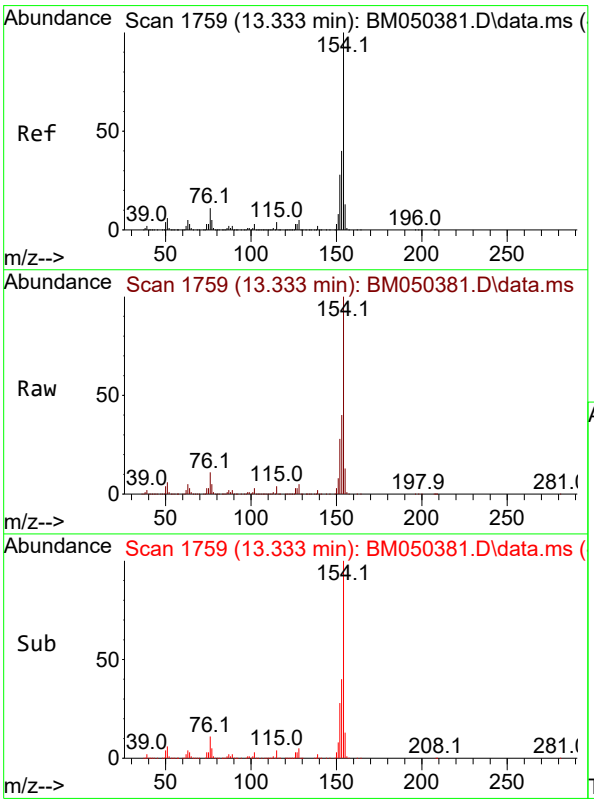
#45
2-Fluorobiphenyl
Concen: 78.635 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 6157884

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.5	18.8	28.2

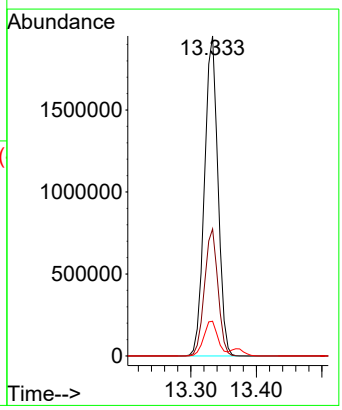


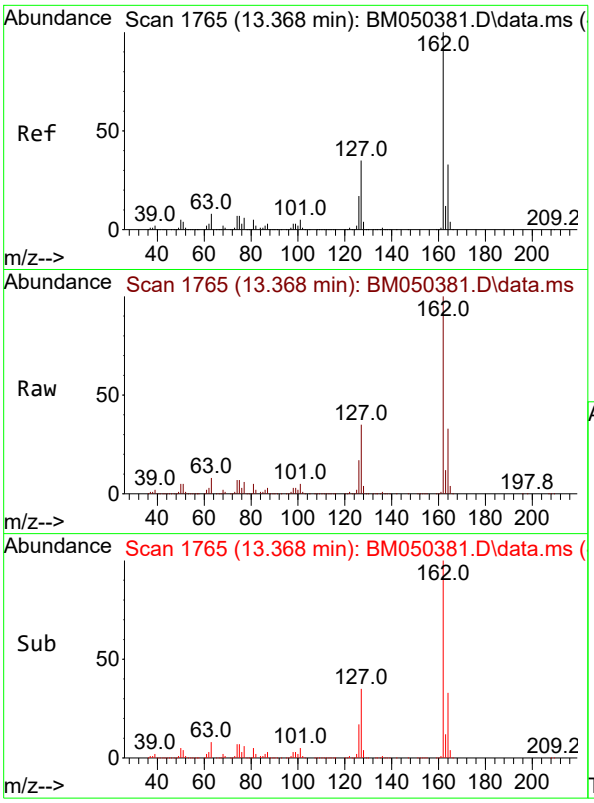


#46
1,1'-Biphenyl
Concen: 38.832 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2786215

Ion	Ratio	Lower	Upper
154	100		
153	39.7	19.7	59.7
76	10.9	0.0	30.9



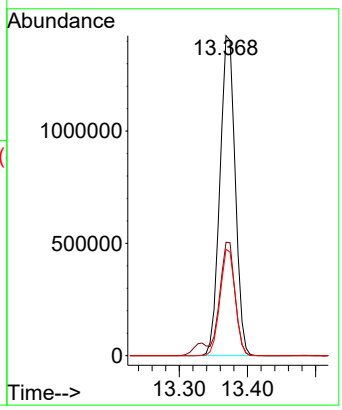


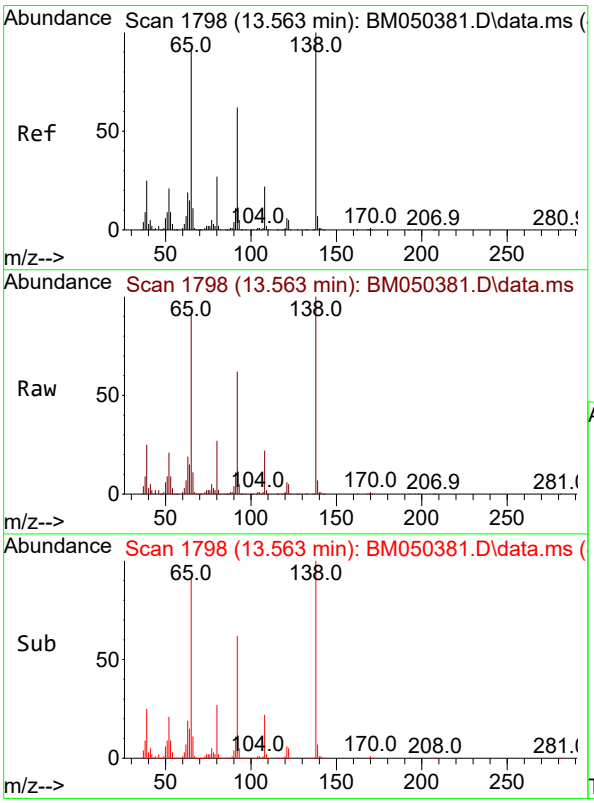
#47
2-Chloronaphthalene
Concen: 38.889 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 2224727

Ion	Ratio	Lower	Upper
162	100		
127	35.4	28.3	42.5
164	33.3	26.6	40.0

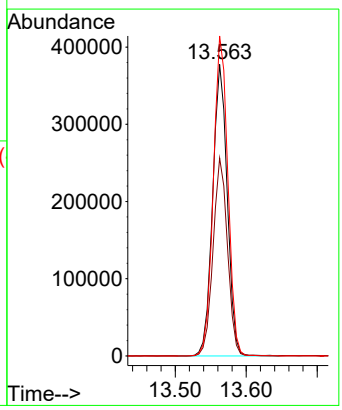


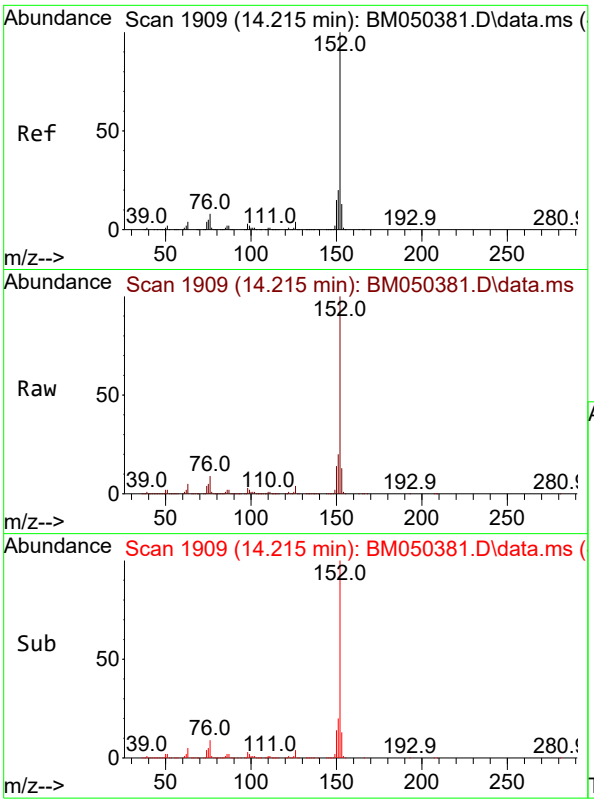


#48
2-Nitroaniline
Concen: 42.165 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion: 65 Resp: 538415

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	109.7	87.8	131.6



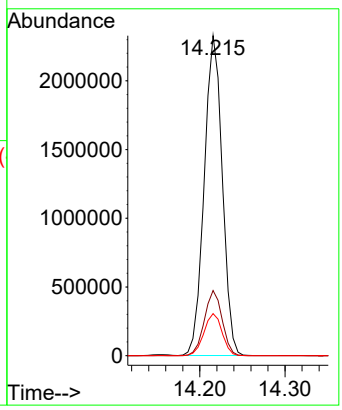


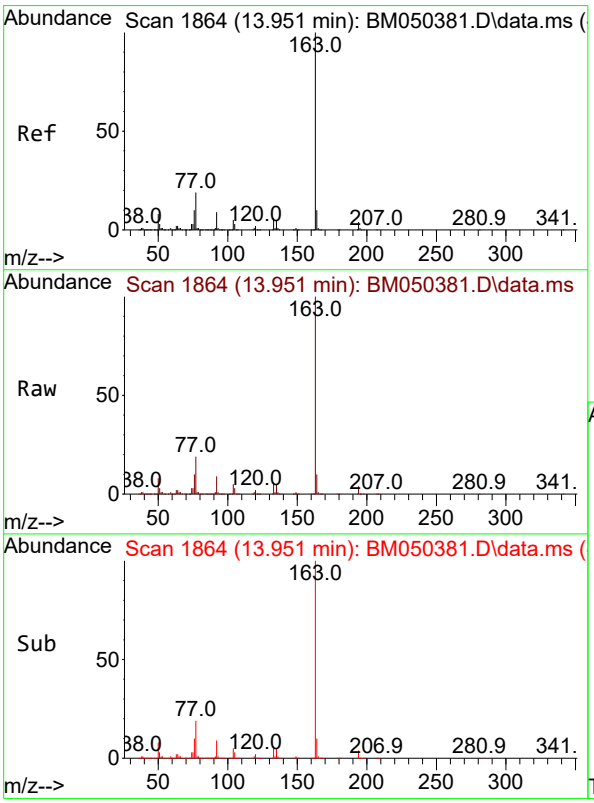
#49
Acenaphthylene
Concen: 39.714 ng
RT: 14.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 3433586

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.6	15.8

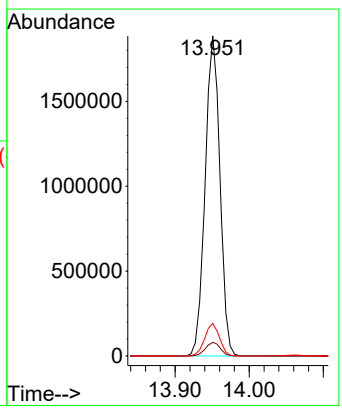


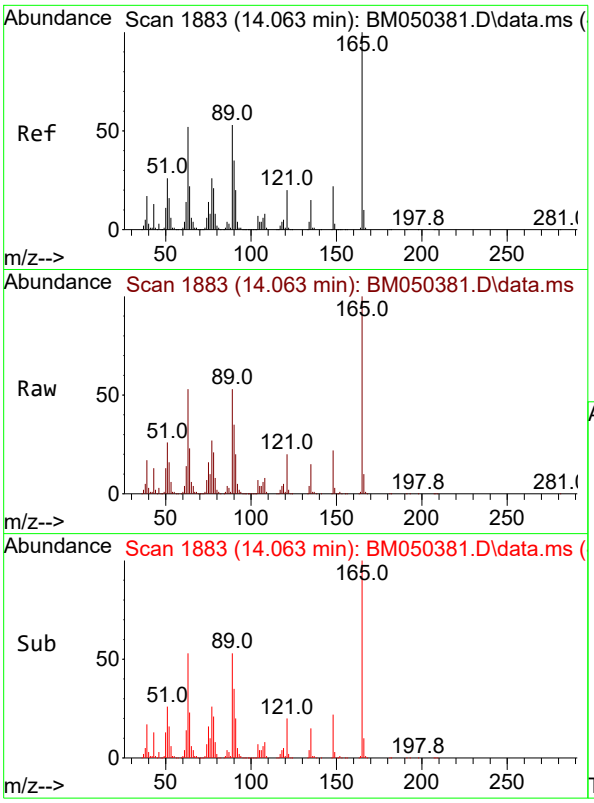


#50
Dimethylphthalate
Concen: 39.248 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:163 Resp: 2613190

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



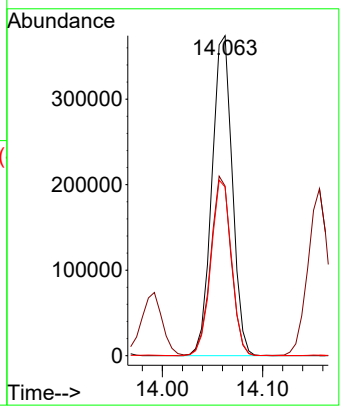


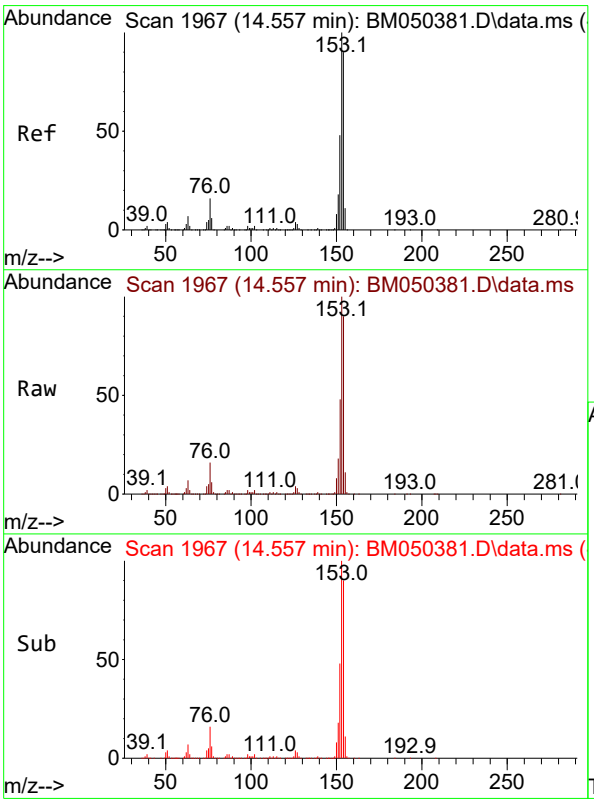
#51
2,6-Dinitrotoluene
Concen: 41.362 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 528767

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.7	42.2	63.2

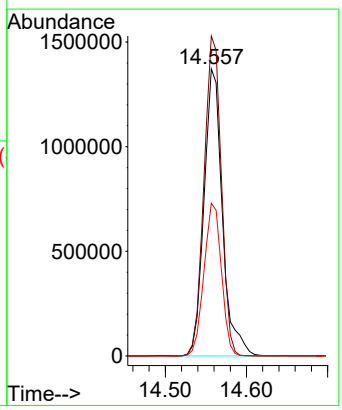


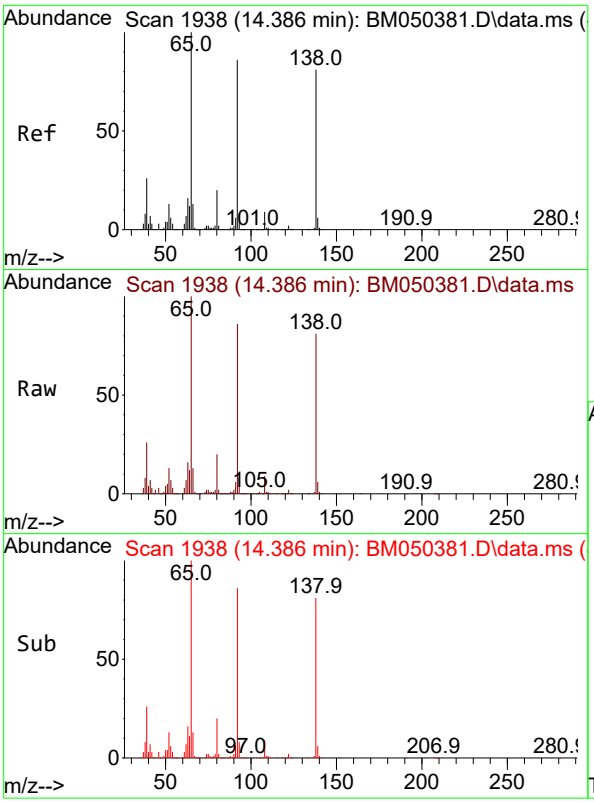


#52
Acenaphthene
Concen: 39.080 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:154 Resp: 2148079

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.2	133.8
152	53.3	42.6	64.0



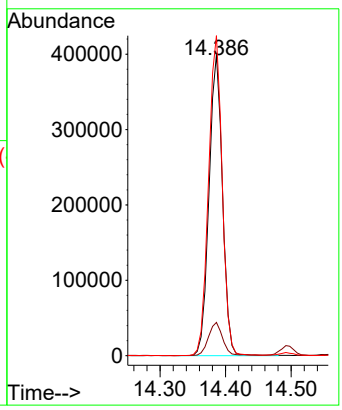


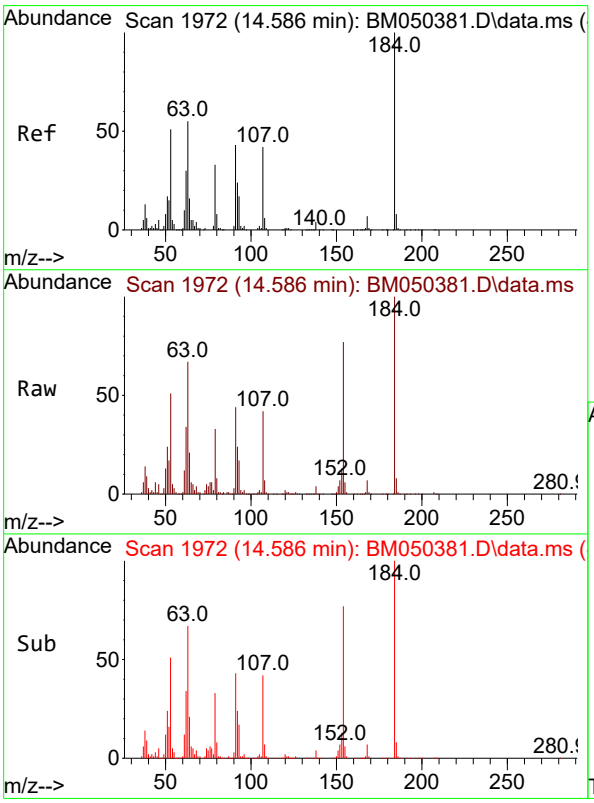
#53
3-Nitroaniline
Concen: 41.832 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 568716

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	106.3	85.0	127.6

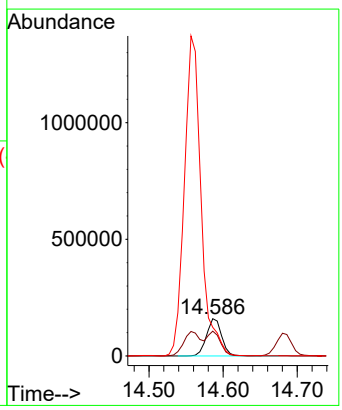


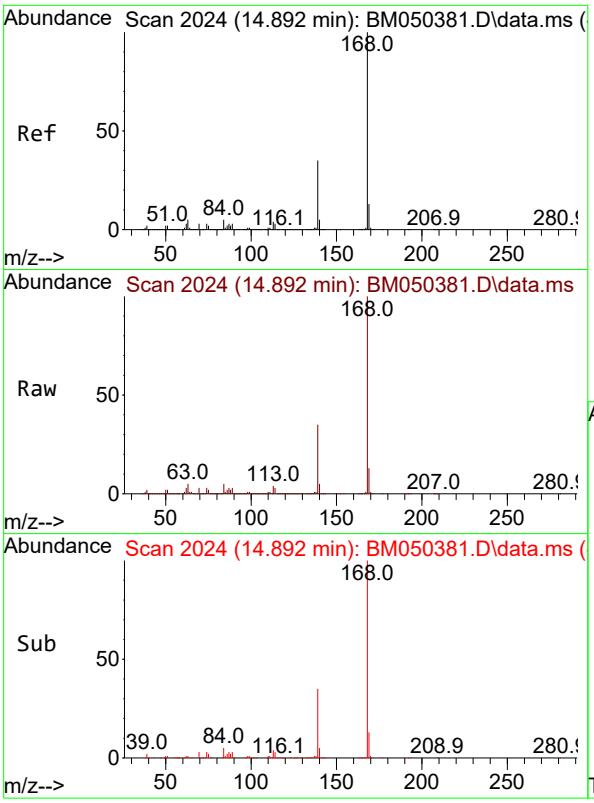


#54
2,4-Dinitrophenol
Concen: 35.873 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:184 Resp: 225952

Ion	Ratio	Lower	Upper
184	100		
63	66.7	53.4	80.0
154	77.0	61.6	92.4



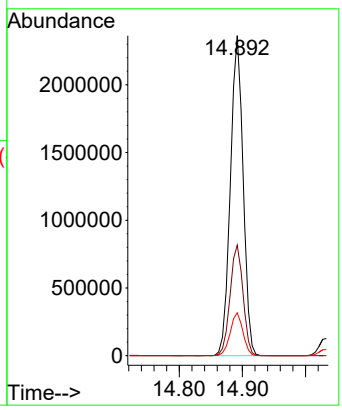


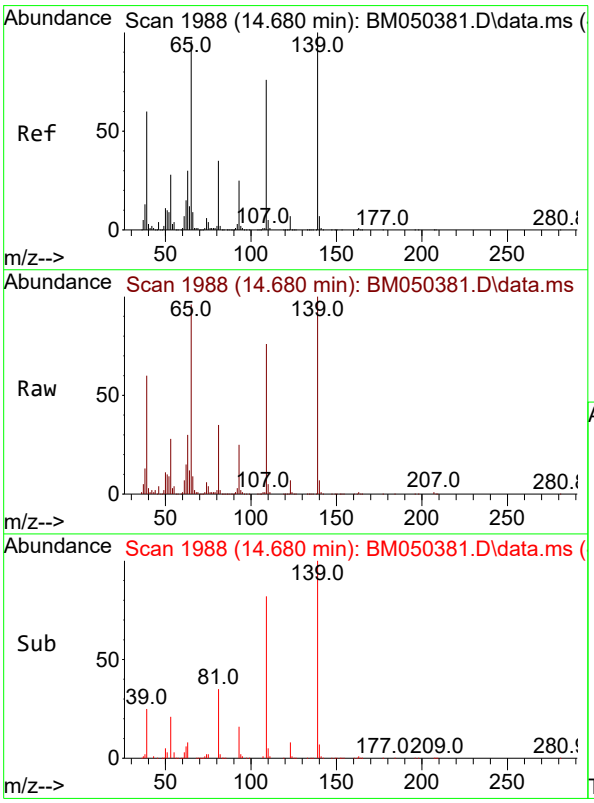
#55
Dibenzofuran
Concen: 39.024 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 3305040

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.4	10.7	16.1

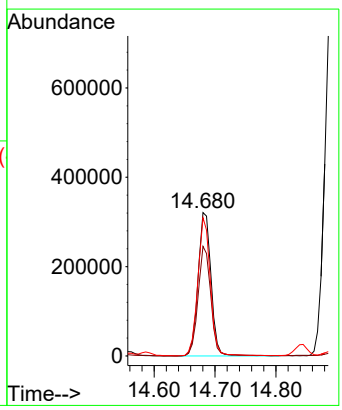


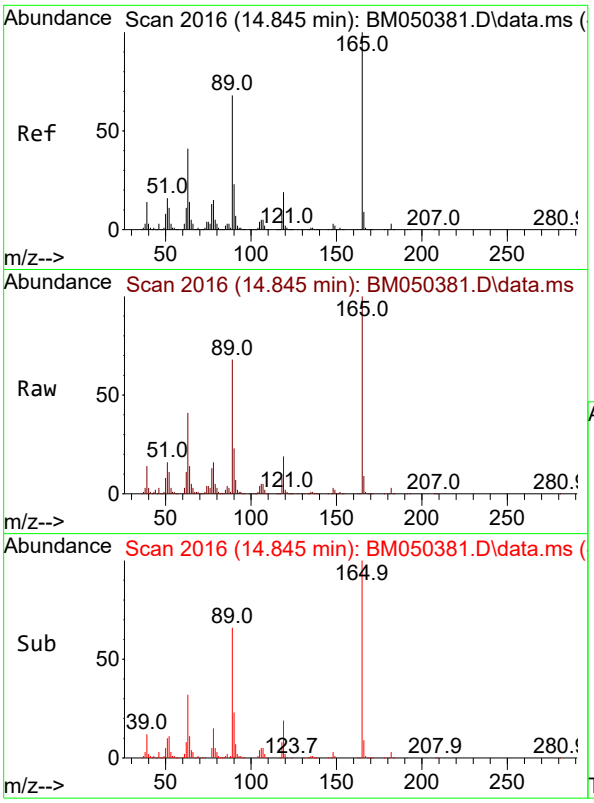


#56
4-Nitrophenol
Concen: 40.504 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:139 Resp: 473550

Ion	Ratio	Lower	Upper
139	100		
109	76.5	56.5	96.5
65	96.4	76.4	116.4



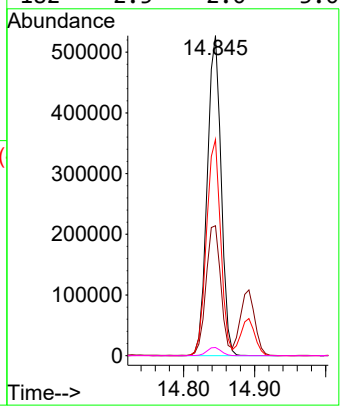


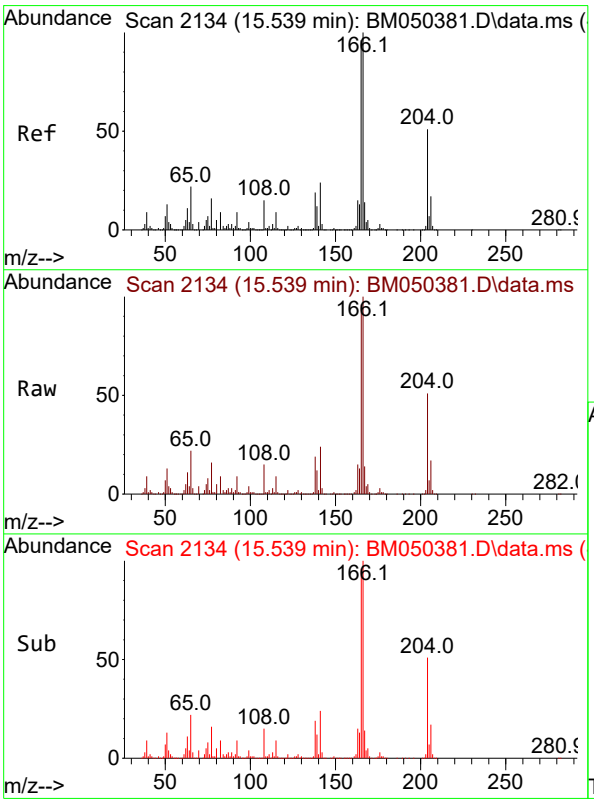
#57
2,4-Dinitrotoluene
Concen: 38.104 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 717807

Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	67.5	54.0	81.0
182	2.5	2.0	3.0

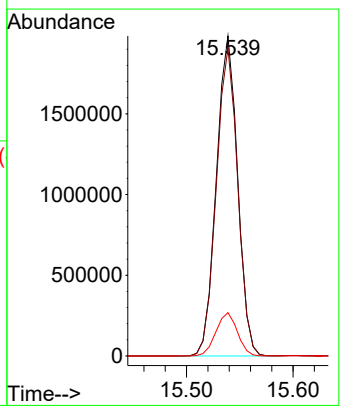


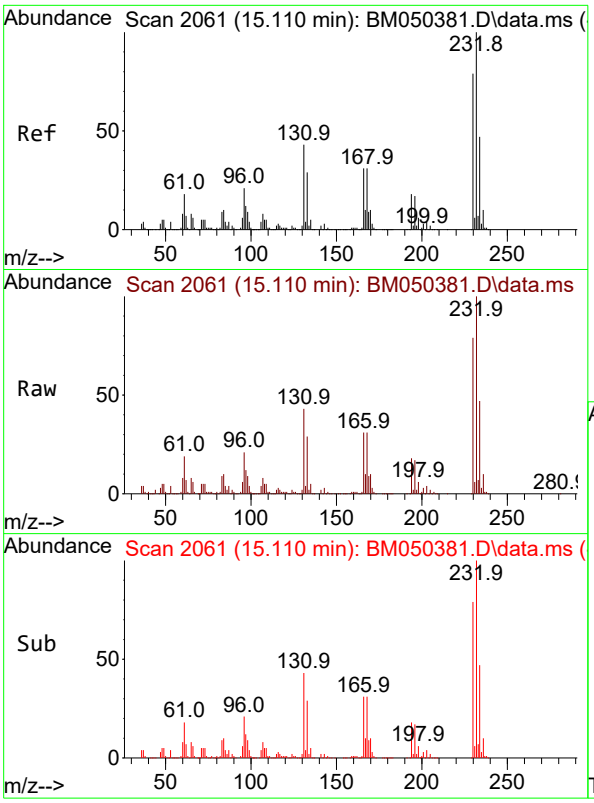


#58
Fluorene
Concen: 39.349 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:166 Resp: 2744882

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.0	115.6
167	13.6	10.9	16.3



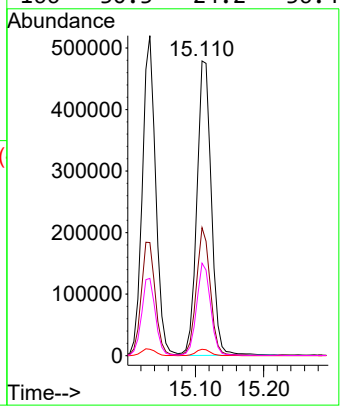


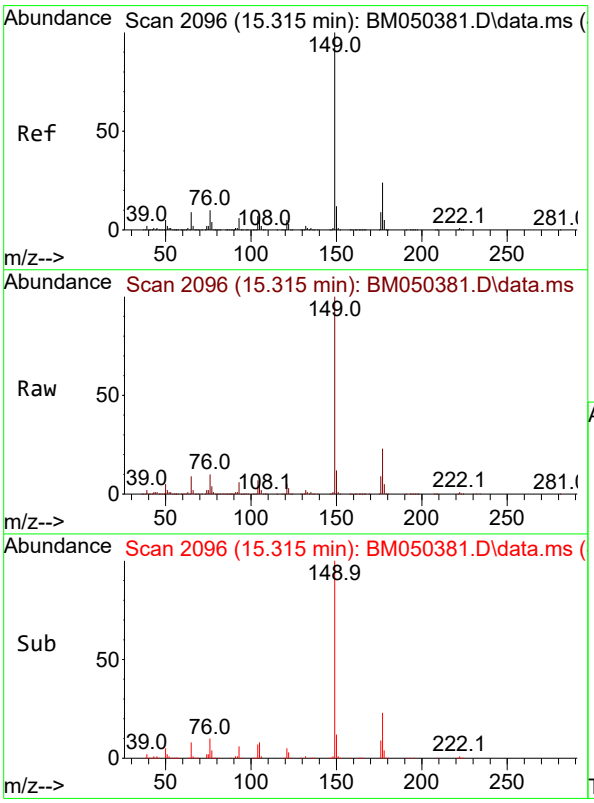
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.512 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 705044

Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.4	50.0
130	2.2	1.8	2.6
166	30.3	24.2	36.4

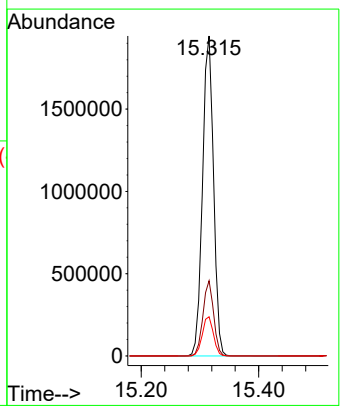


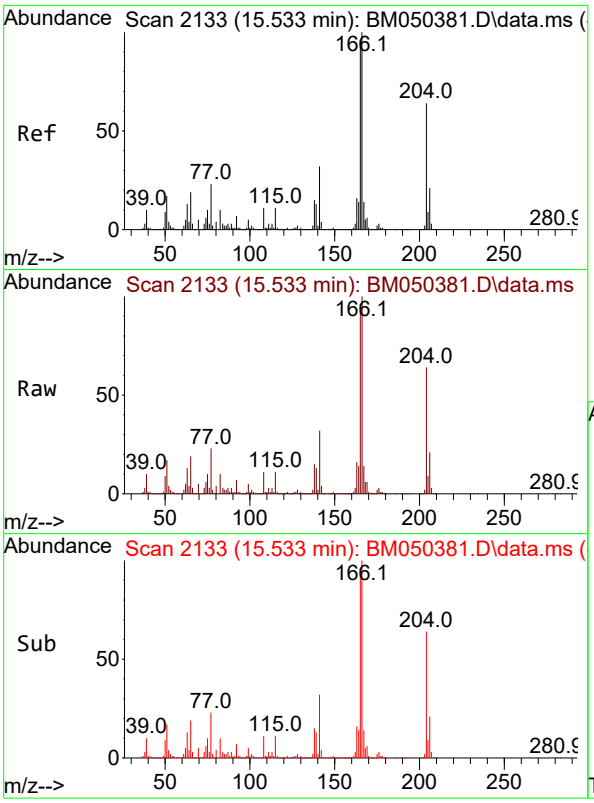


#60
Diethylphthalate
Concen: 39.811 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2532007

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.3	9.8	14.8



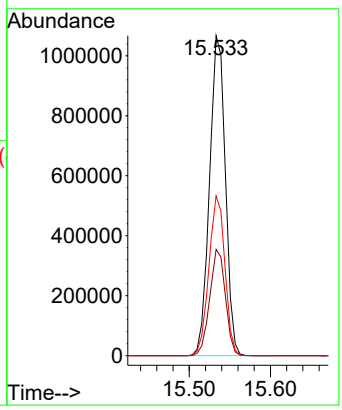


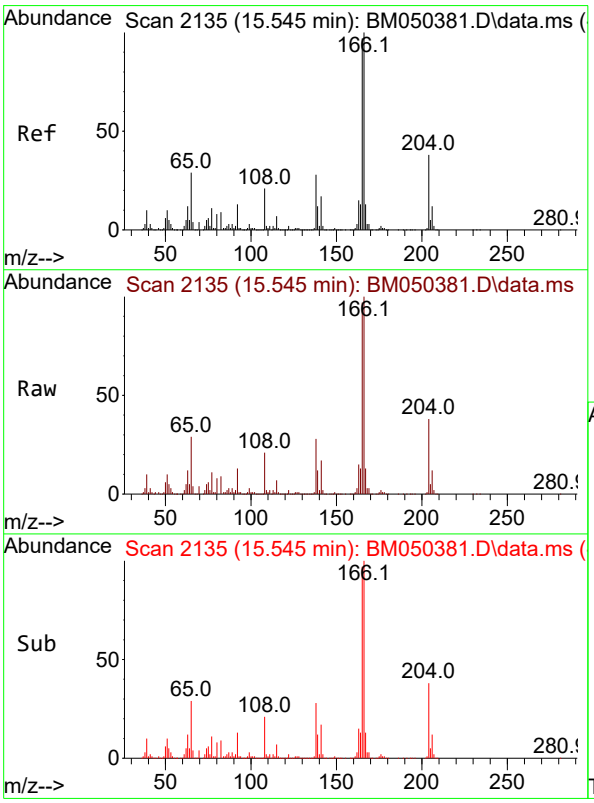
#61
4-Chlorophenyl-phenylether
Concen: 39.586 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1443937

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.9	39.9	59.9

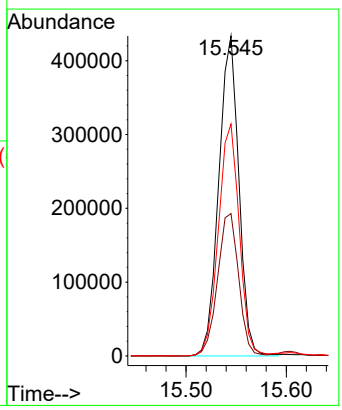


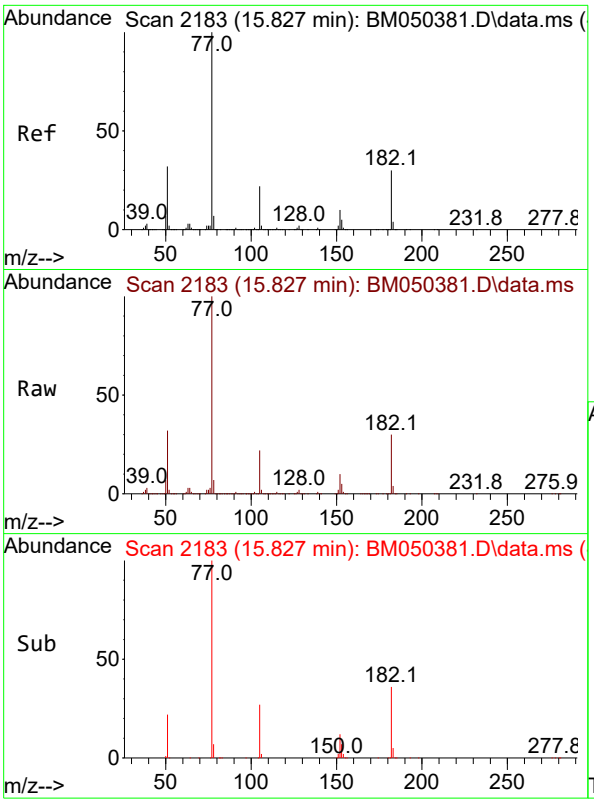


#62
4-Nitroaniline
Concen: 39.043 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:138 Resp: 602257

Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.5	64.5
108	72.5	52.5	92.5



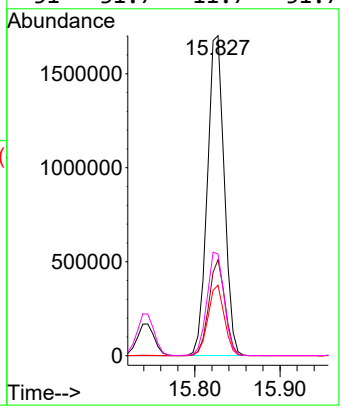


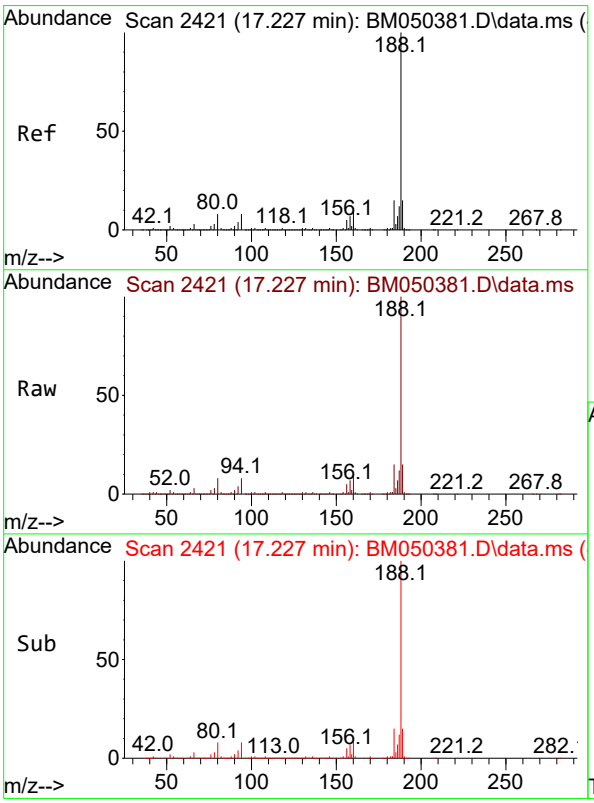
#63
Azobenzene
Concen: 40.021 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 2337291

Ion	Ratio	Lower	Upper
77	100		
182	30.0	10.0	50.0
105	22.0	2.0	42.0
51	31.7	11.7	51.7

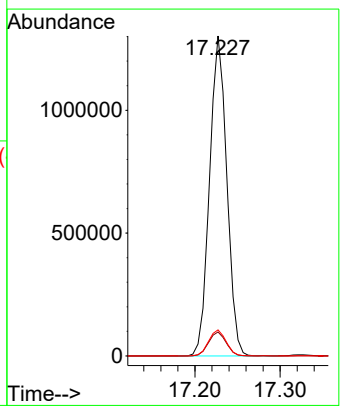


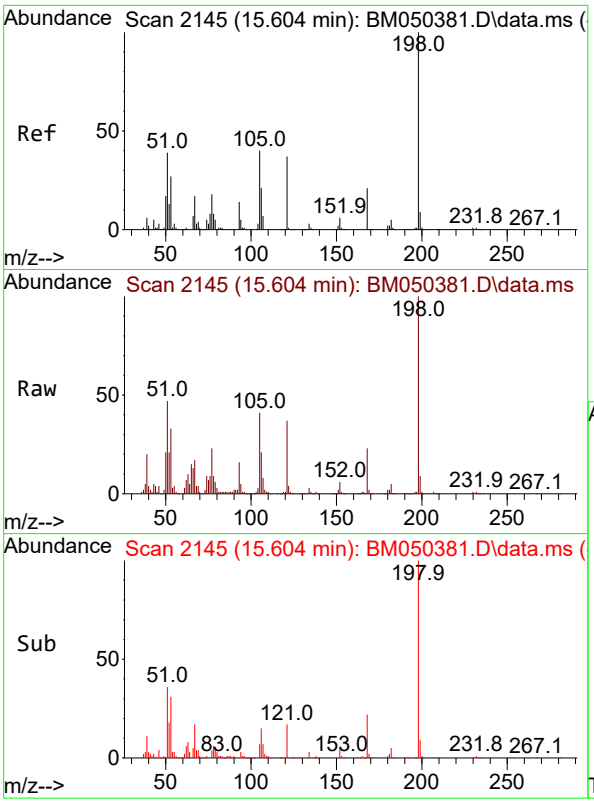


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:188 Resp: 1834050

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.0	9.0
80	8.1	6.5	9.7



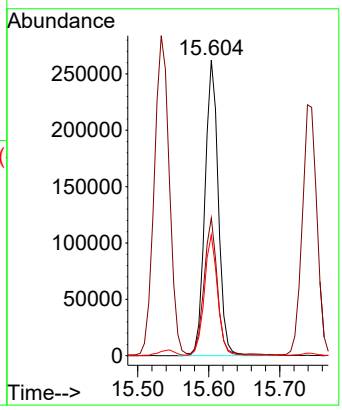


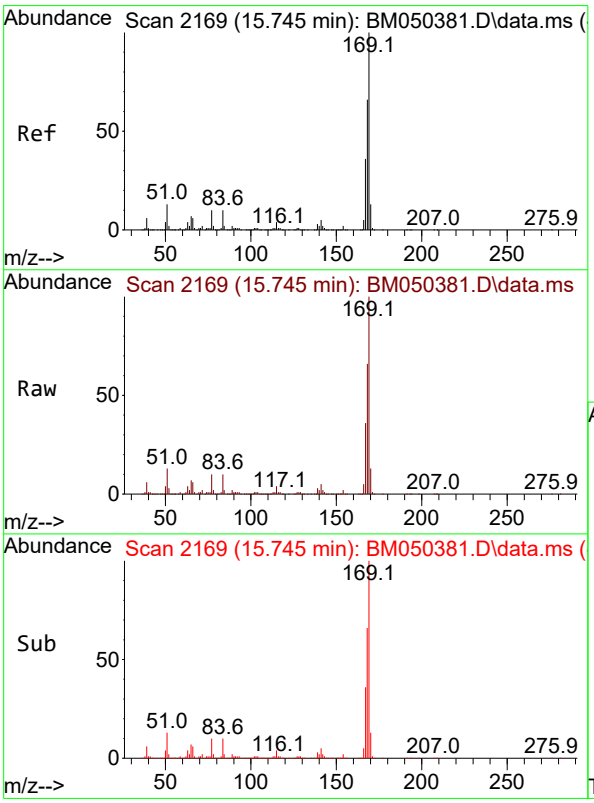
#65
4,6-Dinitro-2-methylphenol
Concen: 36.538 ng
RT: 15.604 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 343246

Ion	Ratio	Lower	Upper
198	100		
51	46.6	26.6	66.6
105	40.9	20.9	60.9

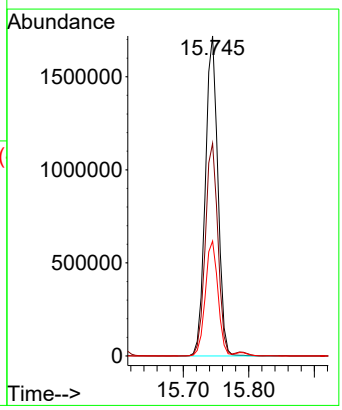


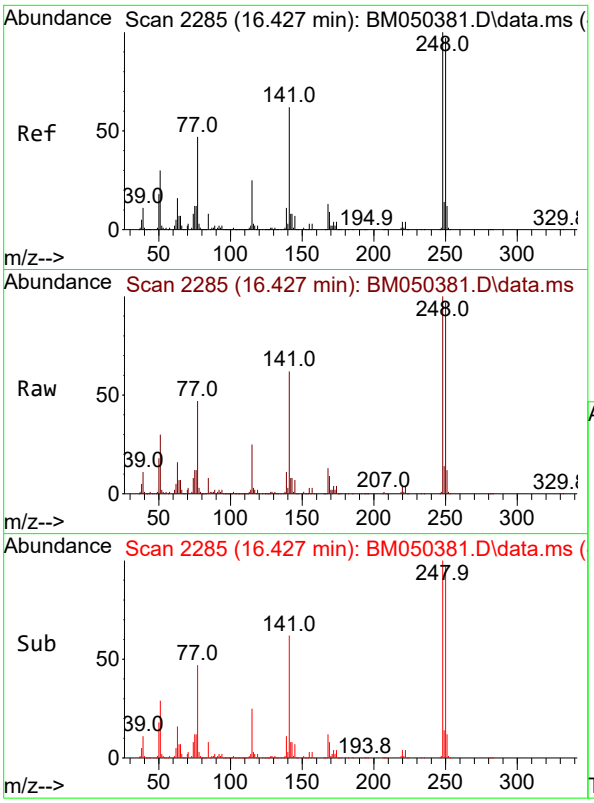


#66
n-Nitrosodiphenylamine
Concen: 39.809 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:169 Resp: 2284645

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.9	28.7	43.1



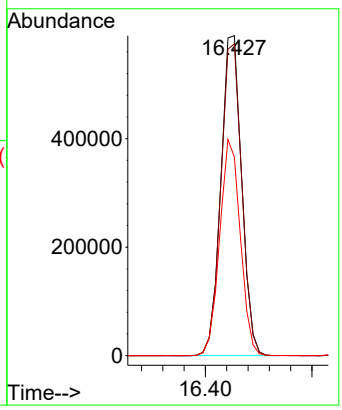


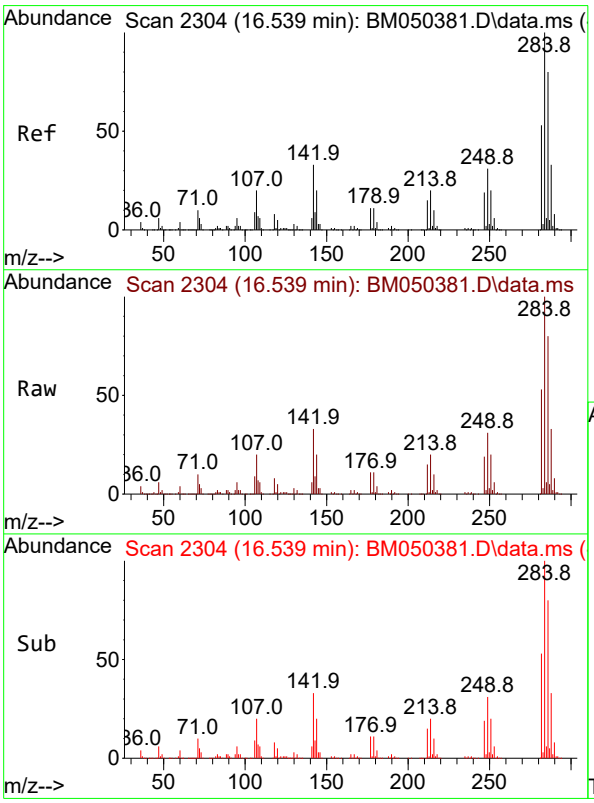
#67
4-Bromophenyl-phenylether
Concen: 39.504 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 798257

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	62.1	49.7	74.5

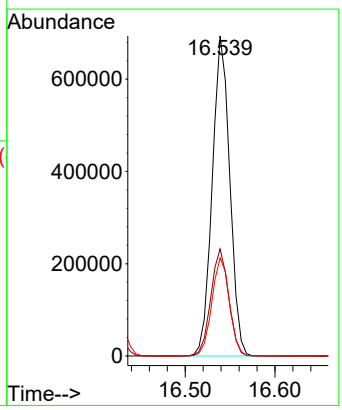


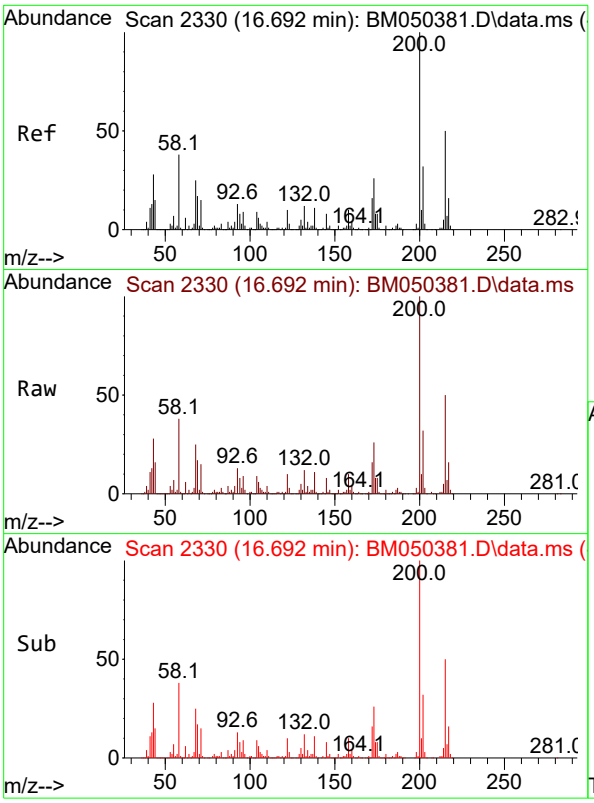


#68
Hexachlorobenzene
Concen: 39.414 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:284 Resp: 940659

Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.8	40.2
249	30.6	24.5	36.7



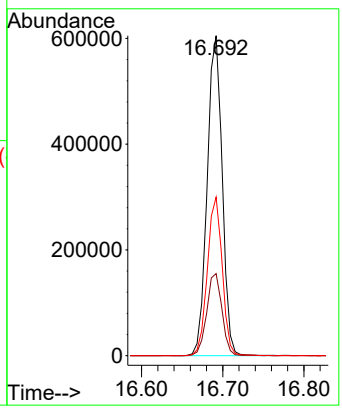


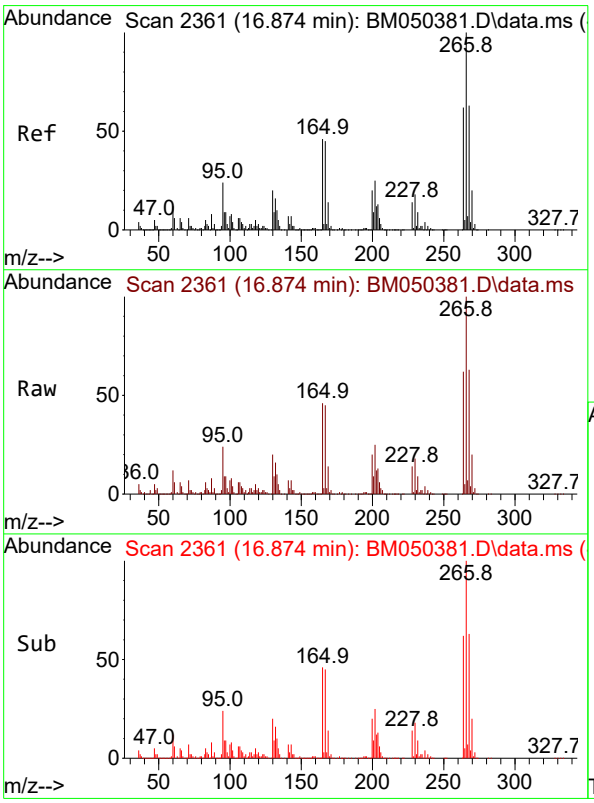
#69
Atrazine
Concen: 41.139 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 775270

Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.6	45.6
215	49.6	29.6	69.6

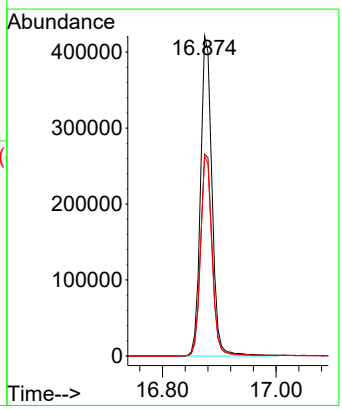


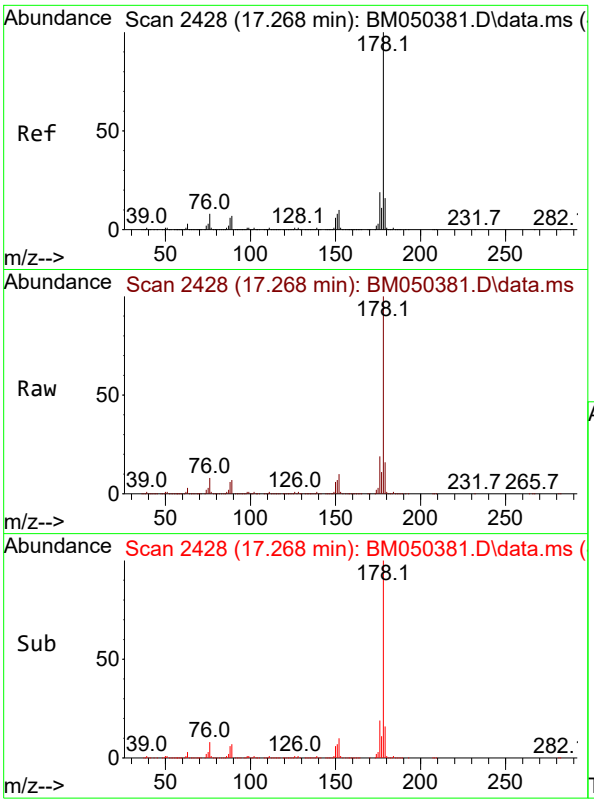


#70
Pentachlorophenol
Concen: 39.717 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:266 Resp: 590077

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.5	75.7
264	62.4	49.9	74.9



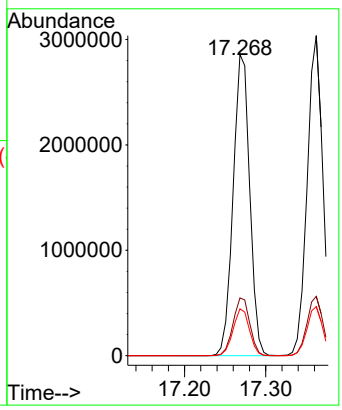


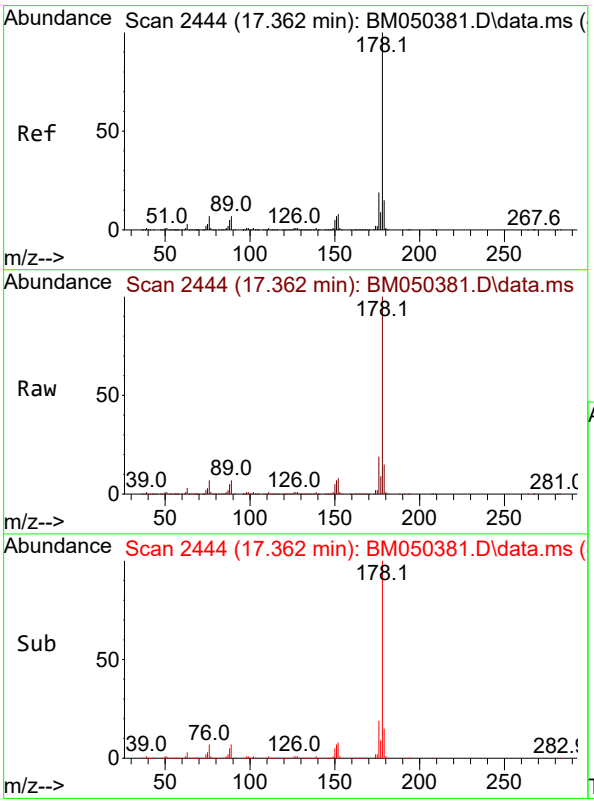
#71
Phenanthrene
Concen: 38.923 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 4039451

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

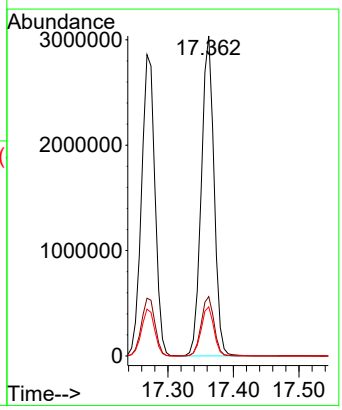


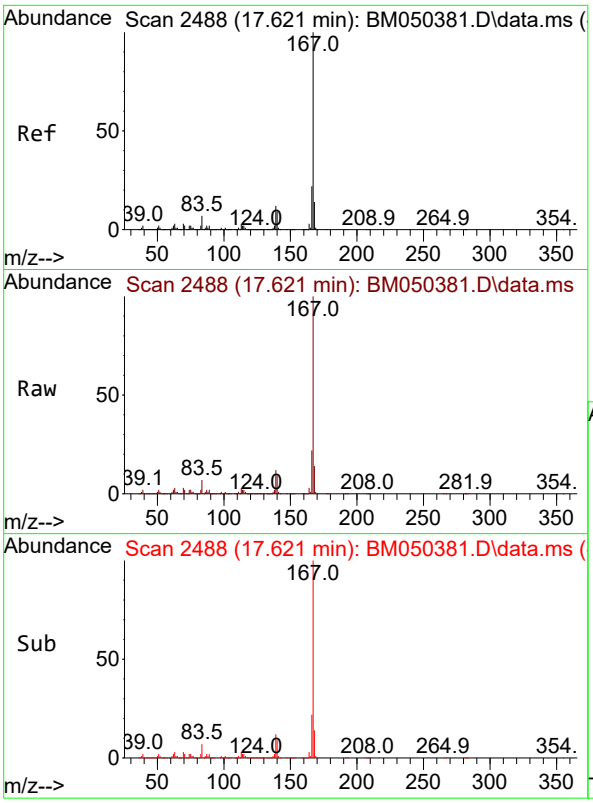


#72
Anthracene
Concen: 39.646 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:178 Resp: 4095570

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.3	12.2	18.4



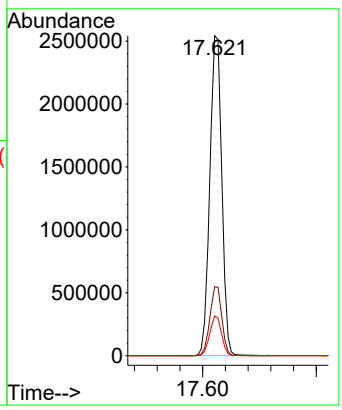


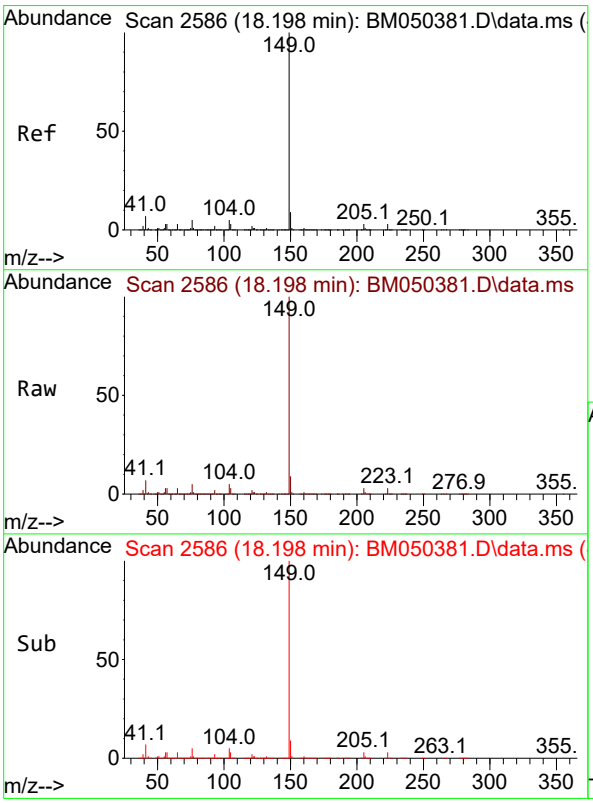
#73
Carbazole
Concen: 39.632 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 3704436

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.4	9.9	14.9

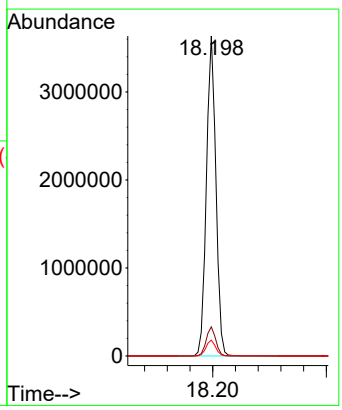


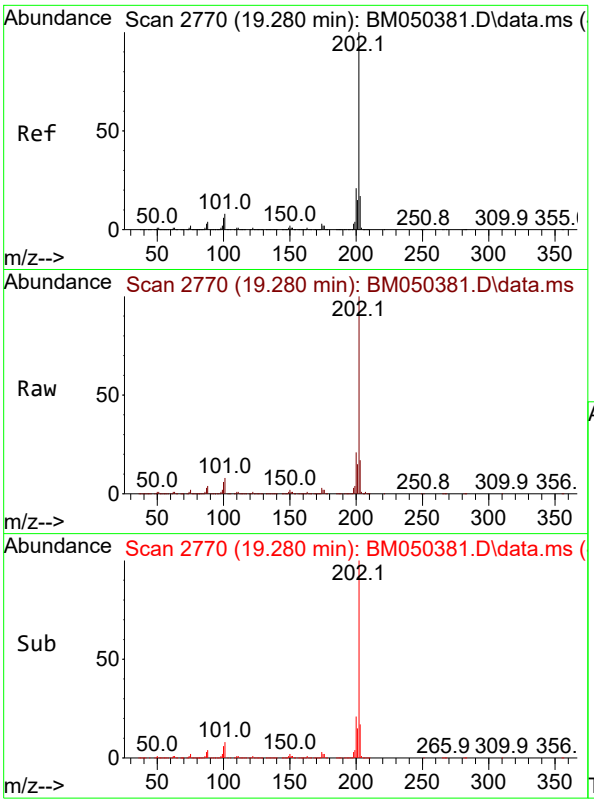


#74
Di-n-butylphthalate
Concen: 40.890 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 4183360

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



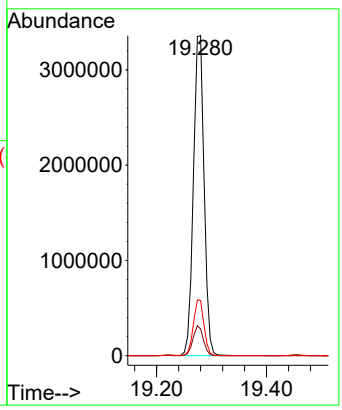


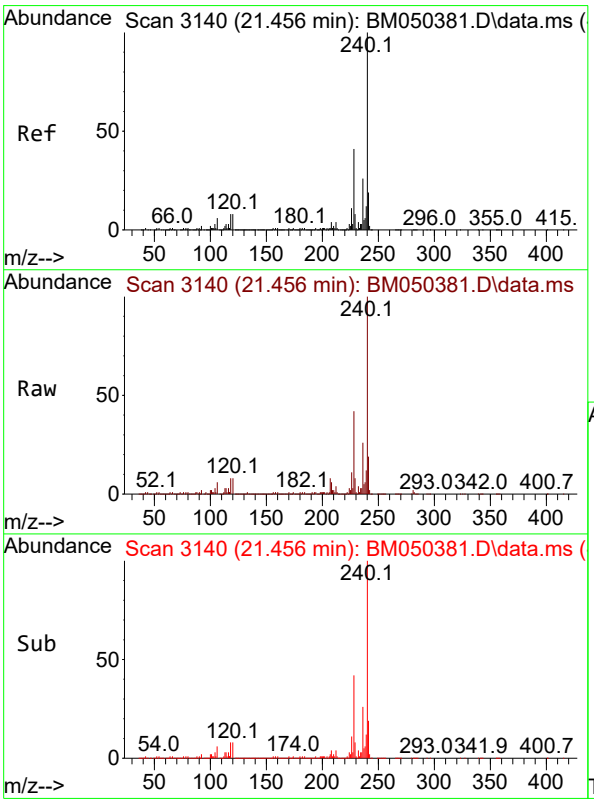
#75
Fluoranthene
Concen: 40.085 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 4522403

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.2	0.0	37.2

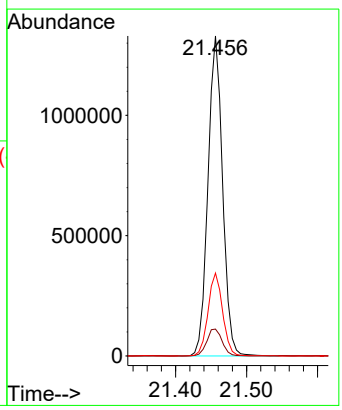


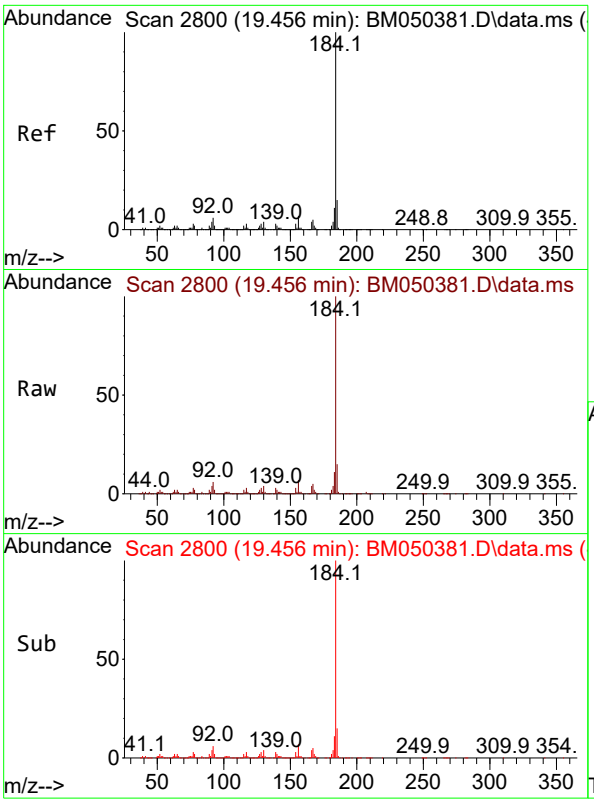


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:240 Resp: 1904004

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.7	10.1
236	25.9	20.7	31.1



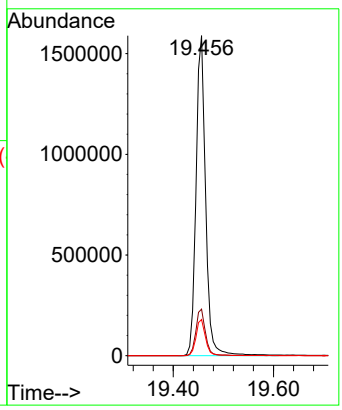


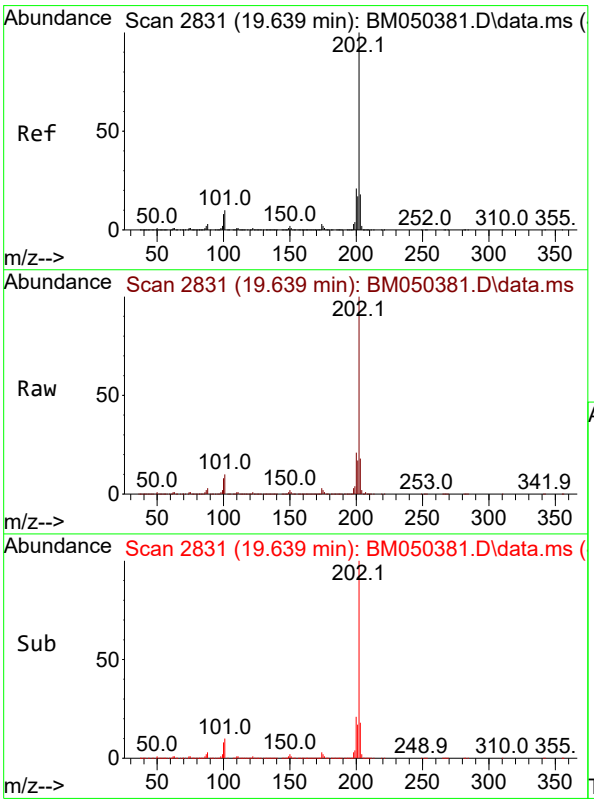
#77
Benzidine
Concen: 43.341 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 2104809

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.3	9.0	13.6

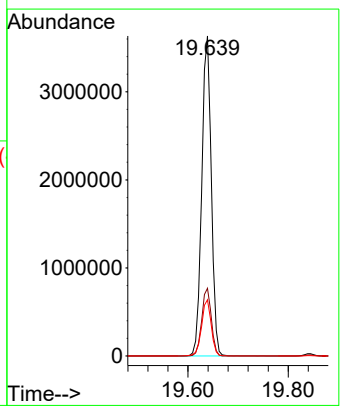


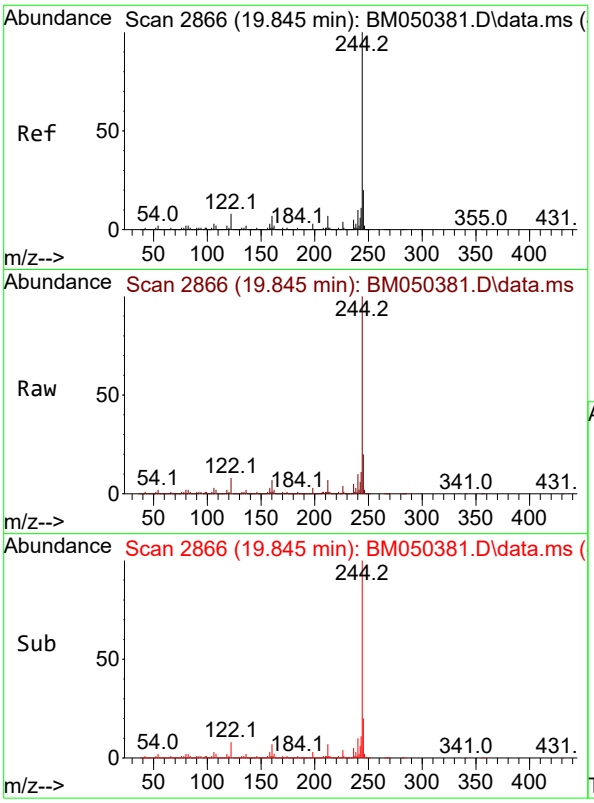


#78
Pyrene
Concen: 39.352 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:202 Resp: 4798678

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.6	14.1	21.1



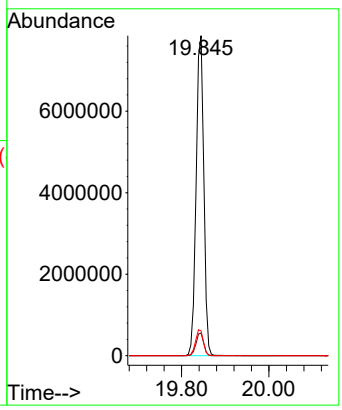


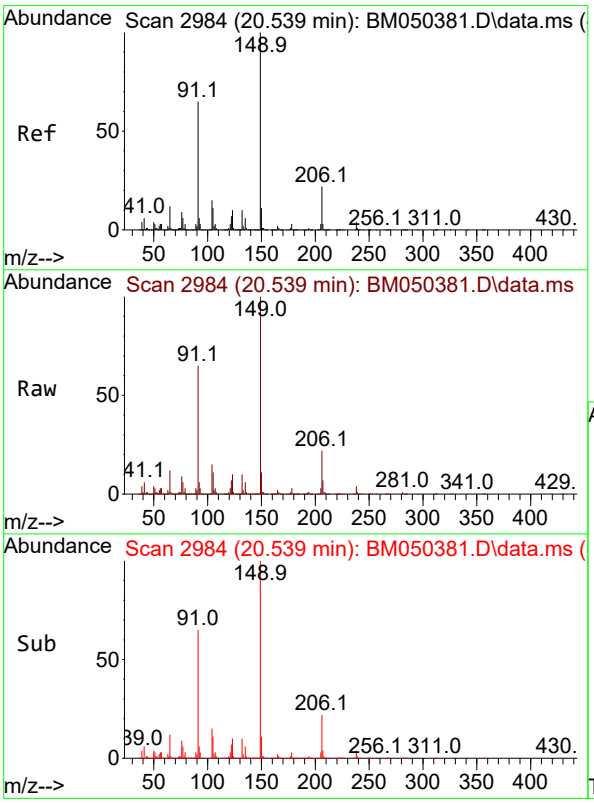
#79
Terphenyl-d14
Concen: 88.568 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 9584372

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.7	6.2	9.2

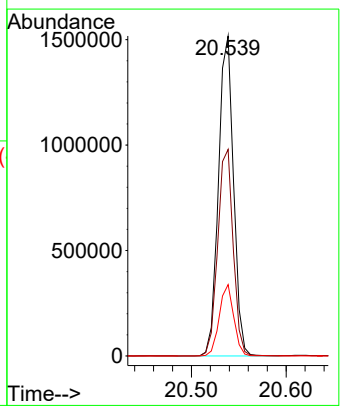


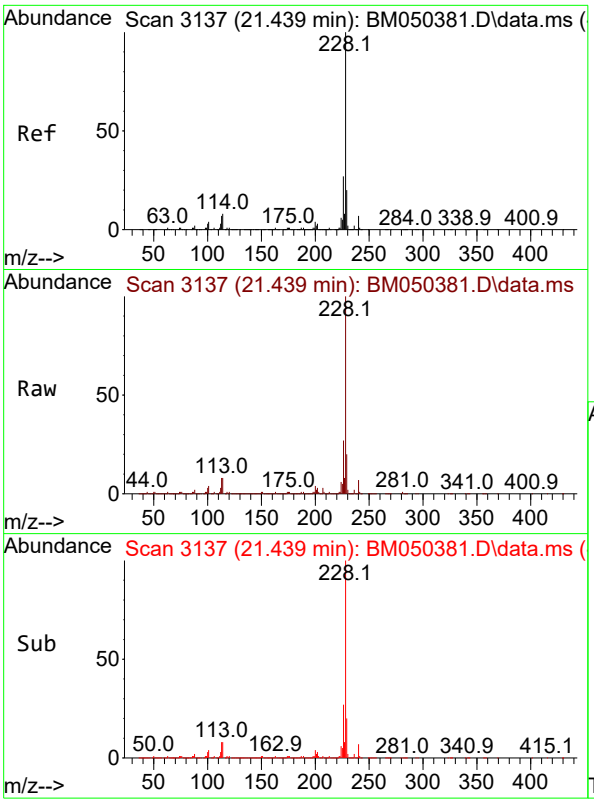


#80
Butylbenzylphthalate
Concen: 41.731 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 1677924

Ion	Ratio	Lower	Upper
149	100		
91	64.5	51.6	77.4
206	22.3	17.8	26.8



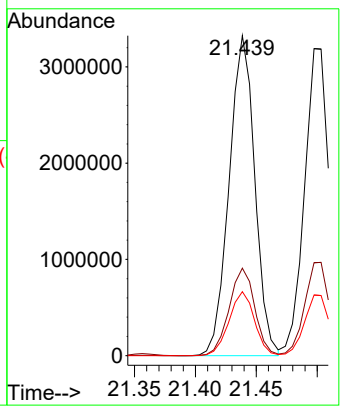


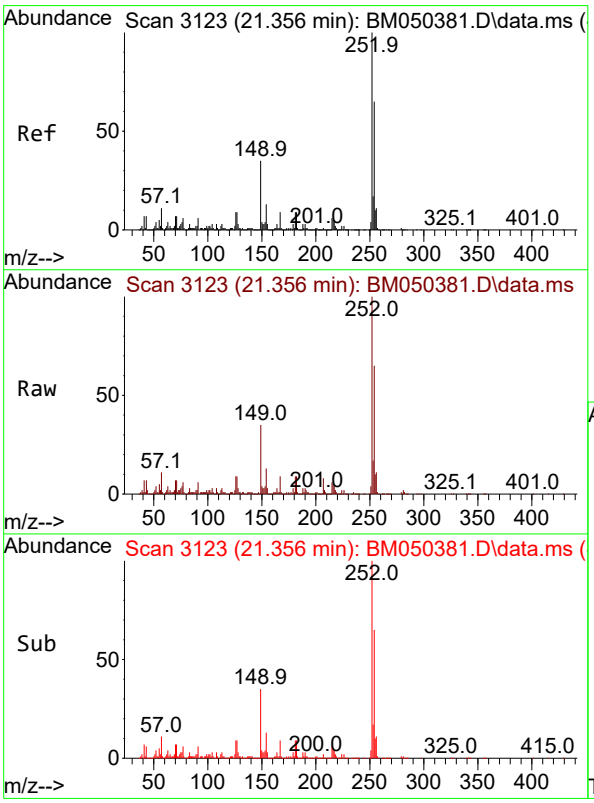
#81
Benzo(a)anthracene
Concen: 39.344 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4880944

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	16.0	24.0

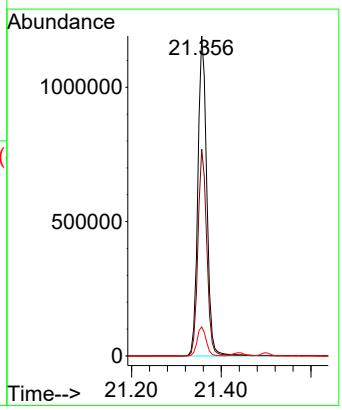


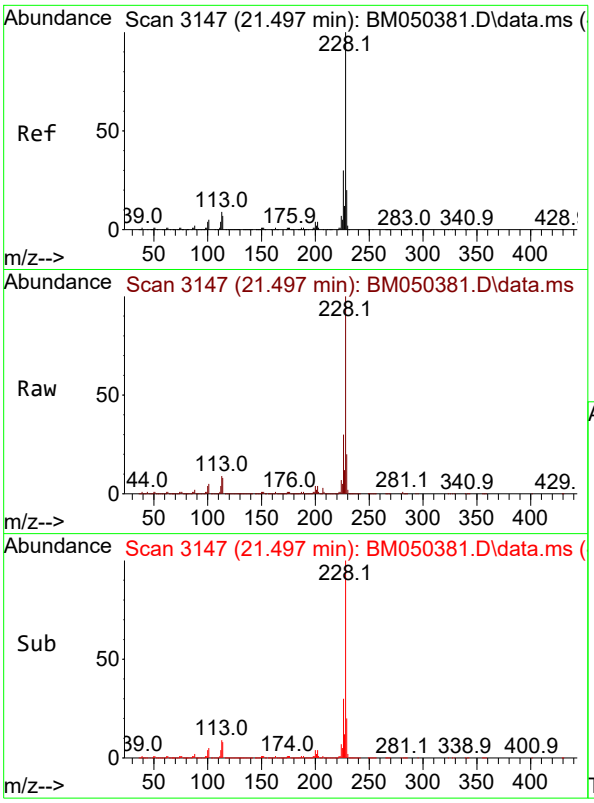


#82
3,3'-Dichlorobenzidine
Concen: 39.036 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 1633134

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	9.1	7.3	10.9



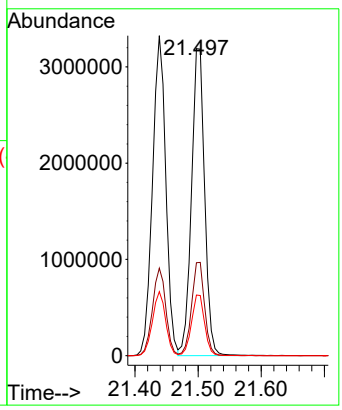


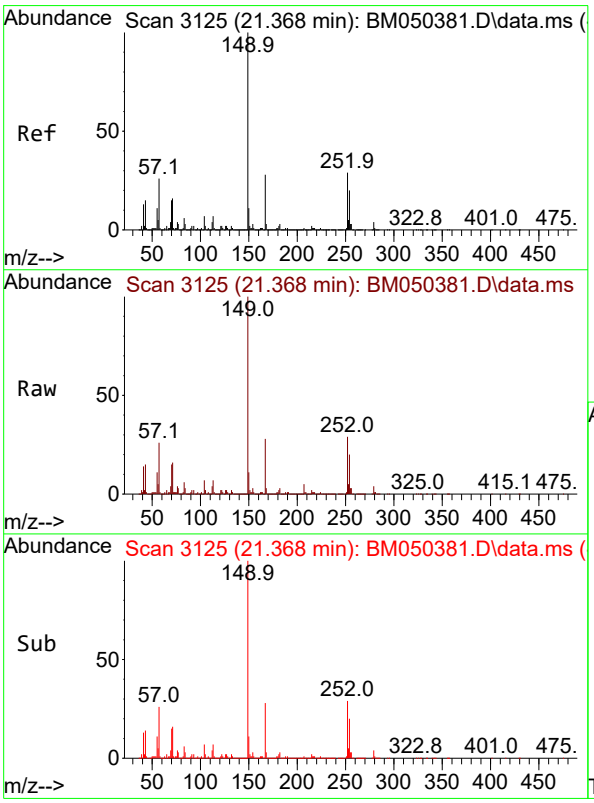
#83
Chrysene
Concen: 39.351 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 4604684

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.7	15.8	23.6

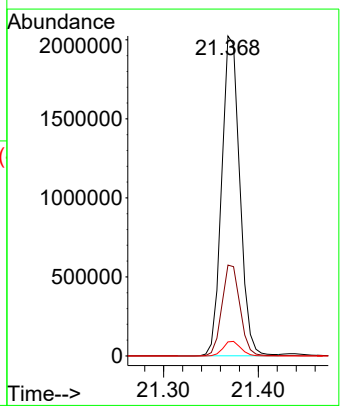


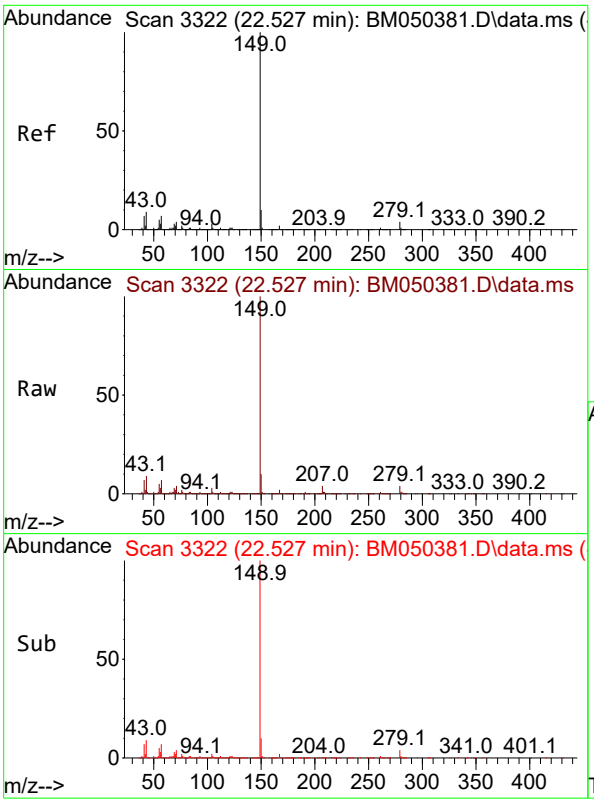


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.076 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:149 Resp: 2685699

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	4.4	3.5	5.3



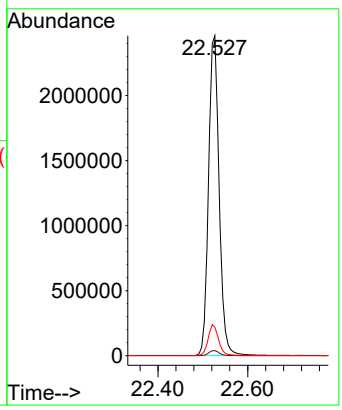


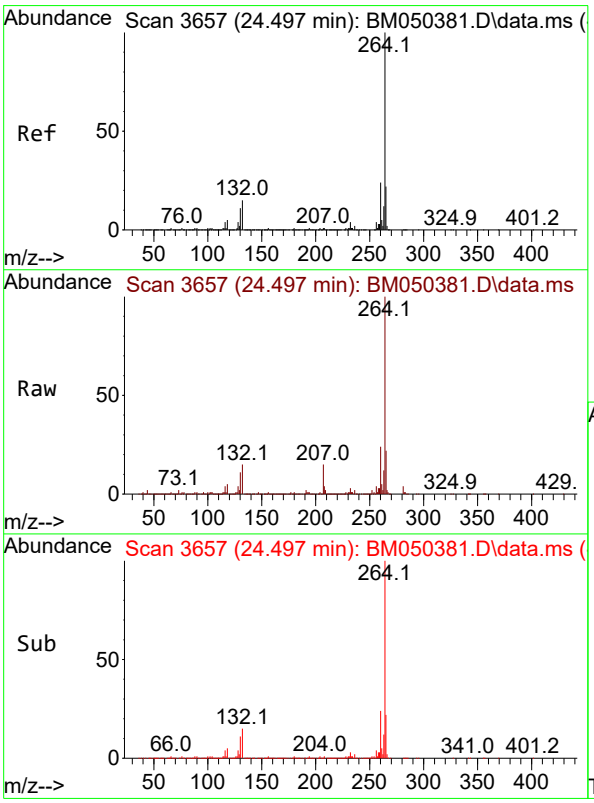
#85
Di-n-octyl phthalate
Concen: 40.294 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 4028194

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.7	11.5

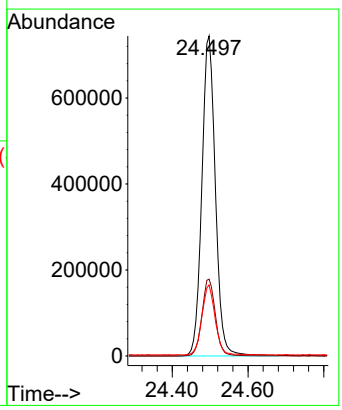


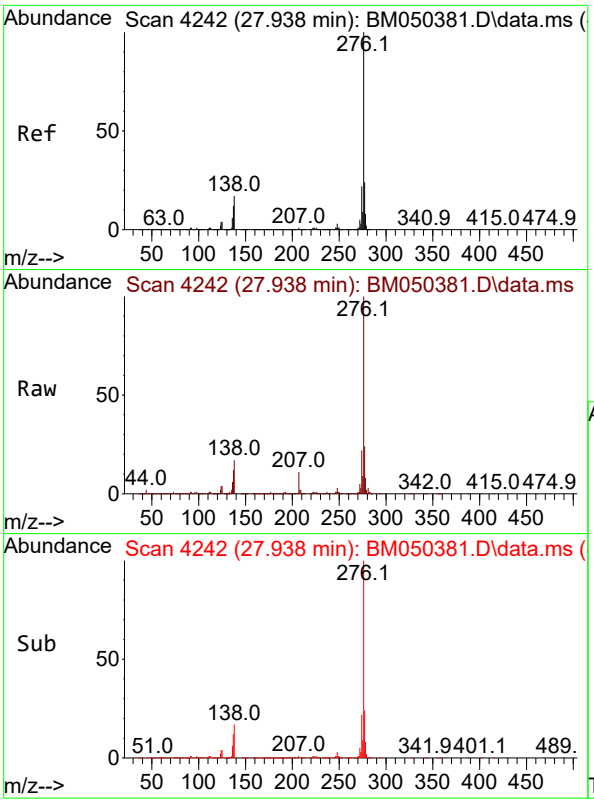


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:264 Resp: 1842285

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6



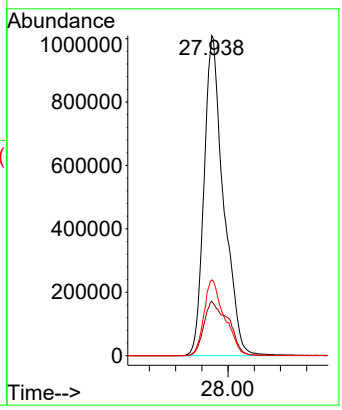


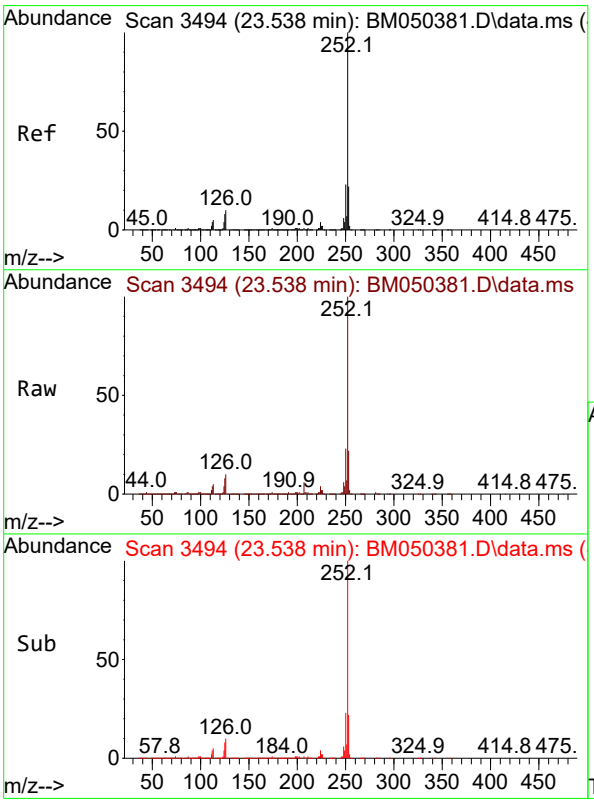
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.813 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 5214934

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	25.0	20.0	30.0

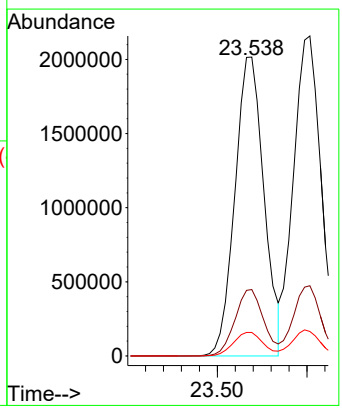


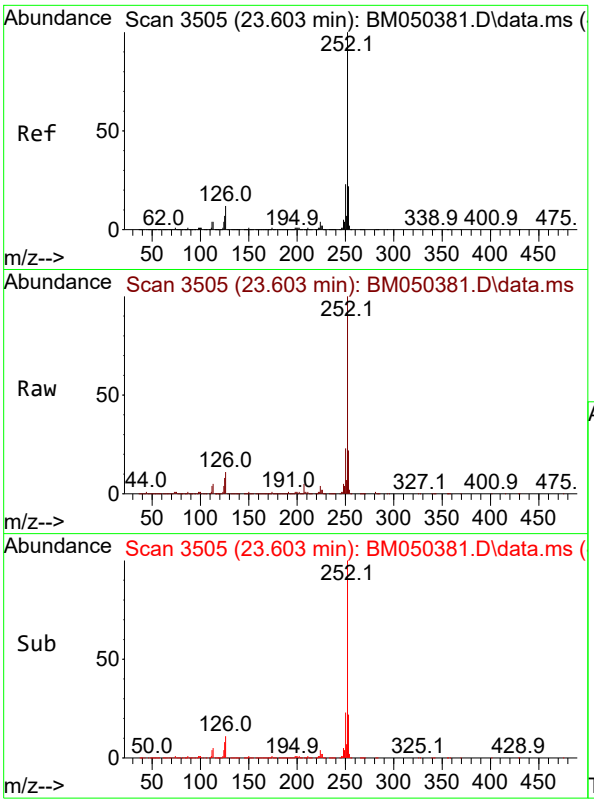


#88
Benzo(b)fluoranthene
Concen: 39.990 ng
RT: 23.538 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4531635

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



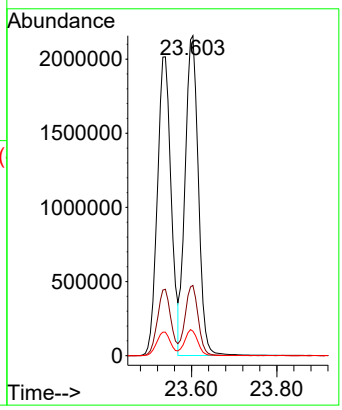


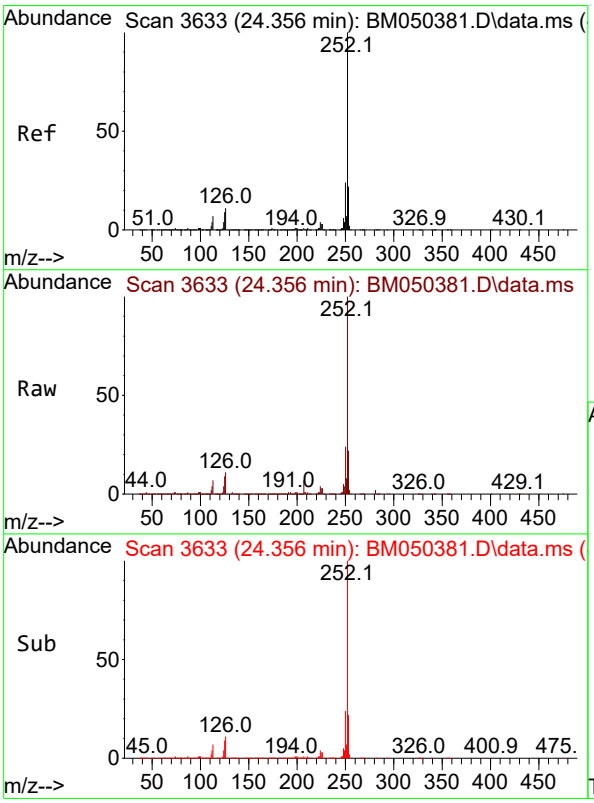
#89
Benzo(k)fluoranthene
Concen: 39.586 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 4654634

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.7	6.2	9.2

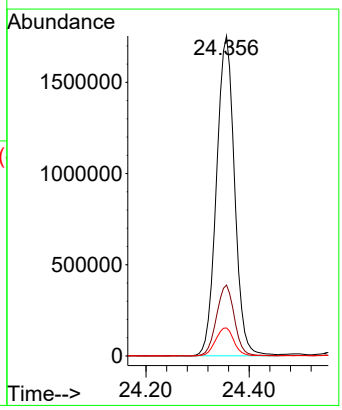


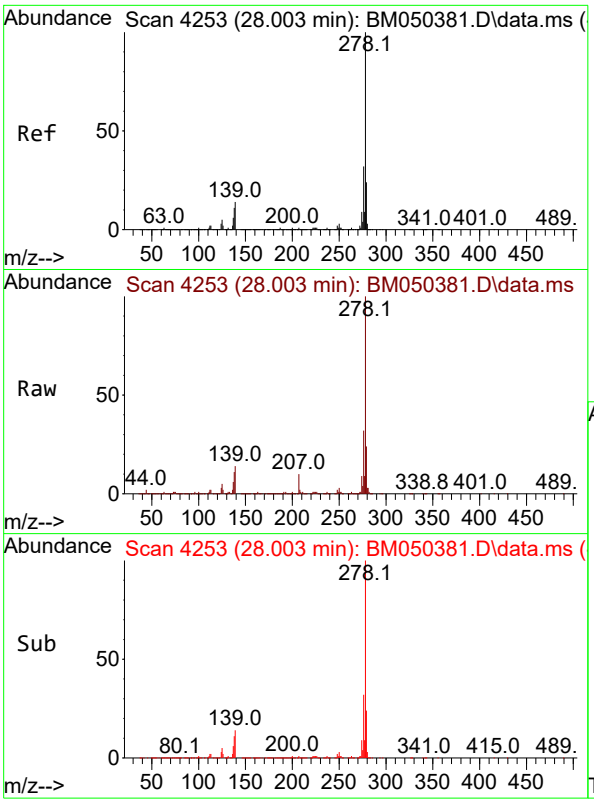


#90
Benzo(a)pyrene
Concen: 40.157 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:252 Resp: 4259750

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.7	7.0	10.4



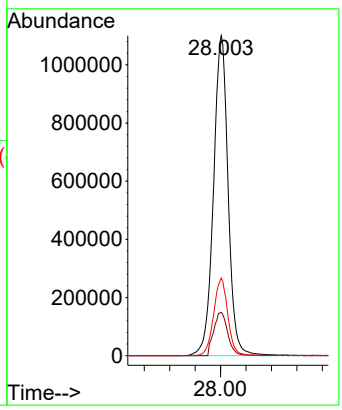


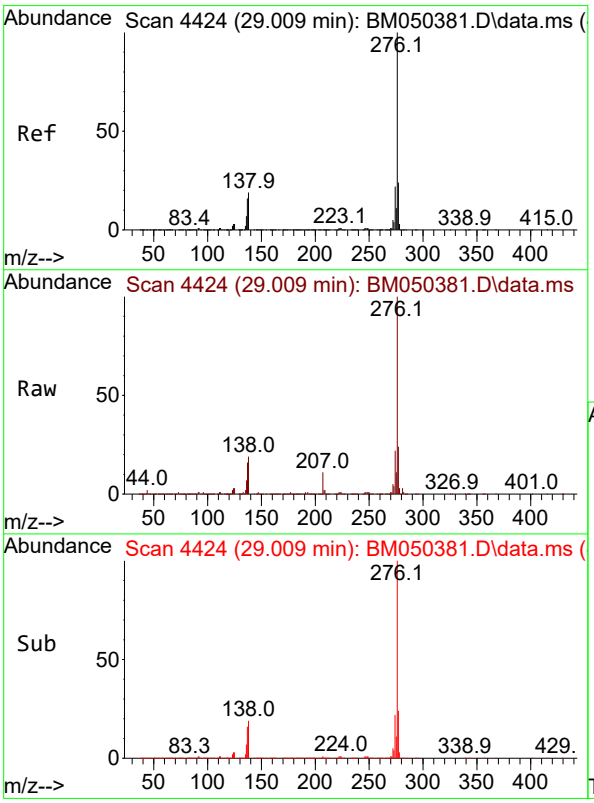
#91
Dibenzo(a,h)anthracene
Concen: 39.857 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 4396741

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	24.2	19.4	29.0

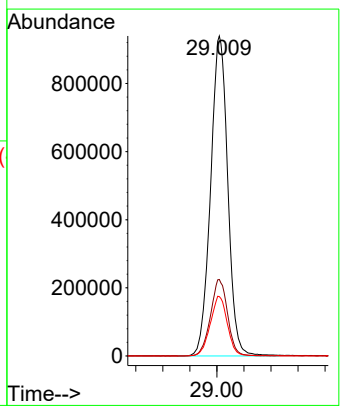




#92
Benzo(g,h,i)perylene
Concen: 39.626 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050381.D
Acq: 08 Jul 2025 15:20

Tgt Ion:276 Resp: 4131353

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.6	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	355414	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1368622	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	874077	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1680679	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1747476	20.000	ng		0.00
86) Perylene-d12	24.497	264	1657543	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2235397	108.263	ng		0.00
7) Phenol-d6	7.022	99	2855911	109.721	ng		0.00
23) Nitrobenzene-d5	9.022	82	2937689	109.508	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1246384	117.361	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	7659625	108.218	ng		0.00
79) Terphenyl-d14	19.839	244	11336982	114.147	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	445164	52.431	ng		99
3) Pyridine	3.734	79	1187050	53.254	ng		98
4) n-Nitrosodimethylamine	3.640	42	550809	53.005	ng		100
6) Aniline	7.187	93	1814285	54.314	ng		99
8) 2-Chlorophenol	7.428	128	1191374	54.720	ng		100
9) Benzaldehyde	6.998	77	743485m	48.013	ng		
10) Phenol	7.051	94	1479916	54.513	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	1176258	54.102	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1403509	53.015	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1430908	52.933	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1369382	52.912	ng		99
15) Benzyl Alcohol	8.098	79	1000035	54.529	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1694093	52.899	ng		99
17) 2-Methylphenol	8.298	107	967335	54.938	ng		98
18) Hexachloroethane	8.951	117	510428	53.689	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	892537	56.604	ng		98
20) 3+4-Methylphenols	8.628	107	1295330	54.800	ng		98
22) Acetophenone	8.687	105	1828595	53.438	ng	#	97
24) Nitrobenzene	9.063	77	1289779	53.879	ng		99
25) Isophorone	9.592	82	2401483	55.168	ng		100
26) 2-Nitrophenol	9.775	139	569906	58.414	ng		99
27) 2,4-Dimethylphenol	9.834	122	1124761	54.178	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1555003	53.910	ng		99
29) 2,4-Dichlorophenol	10.304	162	1175856	55.130	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1359109	53.267	ng		99
31) Naphthalene	10.716	128	3662846	52.691	ng		100
32) Benzoic acid	9.957	122	666467	51.765	ng		99
33) 4-Chloroaniline	10.810	127	1592528	54.189	ng		99
34) Hexachlorobutadiene	11.010	225	835314	53.639	ng		99
35) Caprolactam	11.586	113	328173	56.364	ng		98
36) 4-Chloro-3-methylphenol	11.933	107	1114543	55.959	ng		100
37) 2-Methylnaphthalene	12.322	142	2369763	53.990	ng		98
38) 1-Methylnaphthalene	12.539	142	2518911	54.226	ng		100
40) 1,2,4,5-Tetrachloroben...	12.692	216	1528897	55.004	ng		99
41) Hexachlorocyclopentadiene	12.680	237	982675	55.306	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	968128	56.583	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

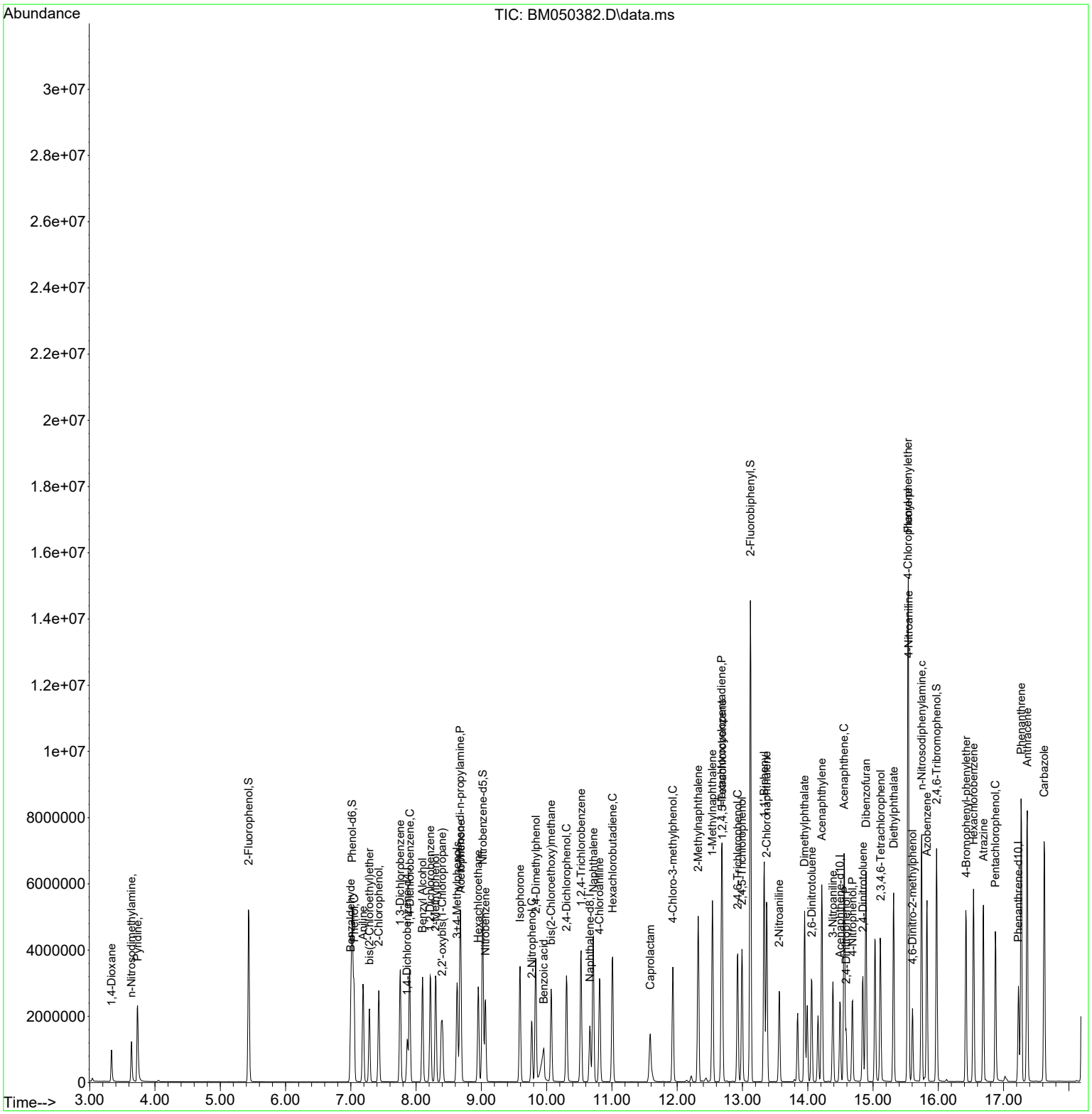
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1058158	56.628	ng	99
46) 1,1'-Biphenyl	13.333	154	3466190	53.449	ng	99
47) 2-Chloronaphthalene	13.369	162	2768272	53.538	ng	100
48) 2-Nitroaniline	13.563	65	682263	59.115	ng	100
49) Acenaphthylene	14.216	152	4274915	54.707	ng	100
50) Dimethylphthalate	13.951	163	3290612	54.681	ng	100
51) 2,6-Dinitrotoluene	14.063	165	672335	58.189	ng	100
52) Acenaphthene	14.557	154	2689063	54.128	ng	99
53) 3-Nitroaniline	14.386	138	722162	58.770	ng	100
54) 2,4-Dinitrophenol	14.586	184	305096	50.427	ng	98
55) Dibenzofuran	14.892	168	4109027	53.680	ng	100
56) 4-Nitrophenol	14.686	139	602964	57.060	ng	96
57) 2,4-Dinitrotoluene	14.845	165	922804	53.047	ng	98
58) Fluorene	15.539	166	3457484	54.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	885196	56.275	ng	100
60) Diethylphthalate	15.316	149	3176896	55.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	1834247	55.637	ng	100
62) 4-Nitroaniline	15.545	138	765716	53.869	ng	98
63) Azobenzene	15.827	77	2917647	55.274	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	458700	50.395	ng	98
66) n-Nitrosodiphenylamine	15.745	169	2847134	54.137	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1016241	54.881	ng	99
68) Hexachlorobenzene	16.539	284	1190183	54.420	ng	98
69) Atrazine	16.692	200	975743	56.502	ng	98
70) Pentachlorophenol	16.874	266	762216	55.986	ng	99
71) Phenanthrene	17.268	178	5068282	53.293	ng	100
72) Anthracene	17.362	178	5179830	54.717	ng	100
73) Carbazole	17.621	167	4657232	54.372	ng	100
74) Di-n-butylphthalate	18.198	149	5258750	56.091	ng	100
75) Fluoranthene	19.274	202	5737944	55.500	ng	99
77) Benzidine	19.456	184	2626171	58.920	ng	100
78) Pyrene	19.639	202	6064476	54.187	ng	100
80) Butylbenzylphthalate	20.539	149	2150816	58.284	ng	100
81) Benzo(a)anthracene	21.439	228	6238737	54.793	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2176770	56.690	ng	100
83) Chrysene	21.503	228	5797980	53.988	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	3407481	58.166	ng	99
85) Di-n-octyl phthalate	22.527	149	5213026	56.816	ng	99
87) Indeno(1,2,3-cd)pyrene	27.944	276	6640722	56.349	ng	100
88) Benzo(b)fluoranthene	23.539	252	5667484	55.588	ng	100
89) Benzo(k)fluoranthene	23.603	252	5984419	56.568	ng	99
90) Benzo(a)pyrene	24.356	252	5445326	57.054	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	5603613	56.460	ng	99
92) Benzo(g,h,i)perylene	29.015	276	5235761	55.817	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

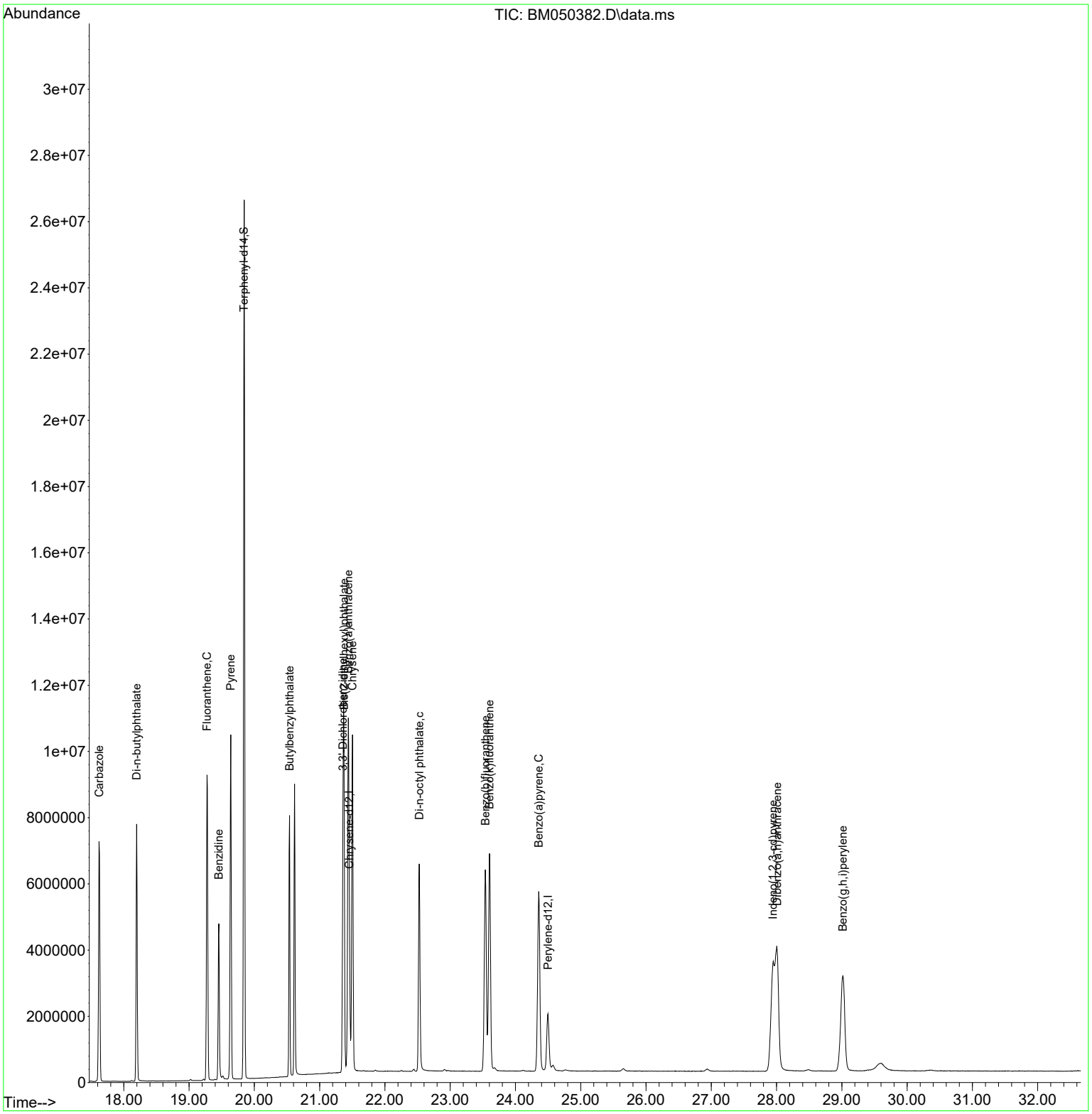


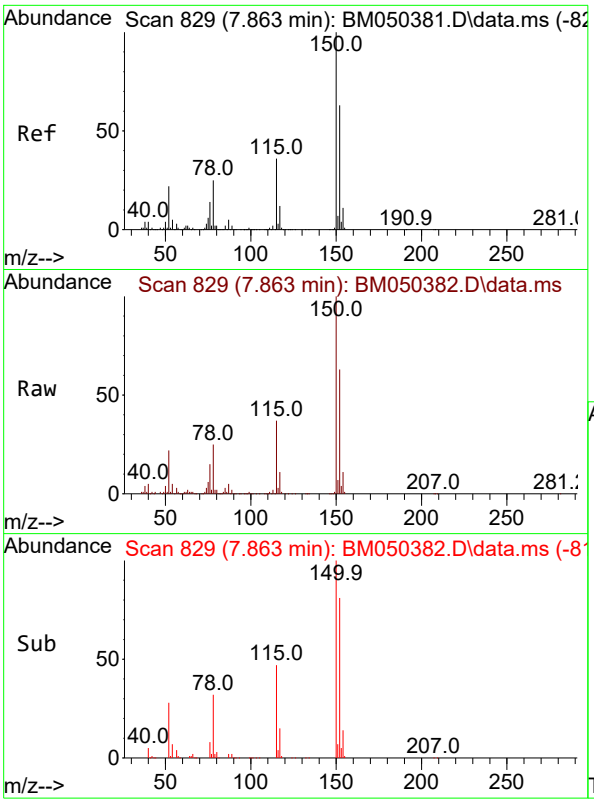
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050382.D
Acq On : 08 Jul 2025 16:01
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 08 18:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



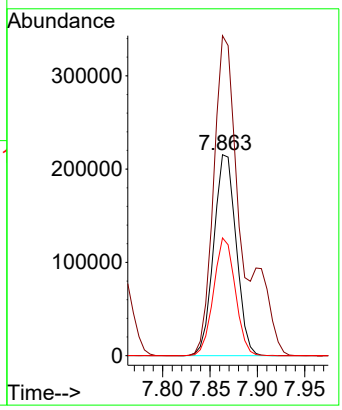


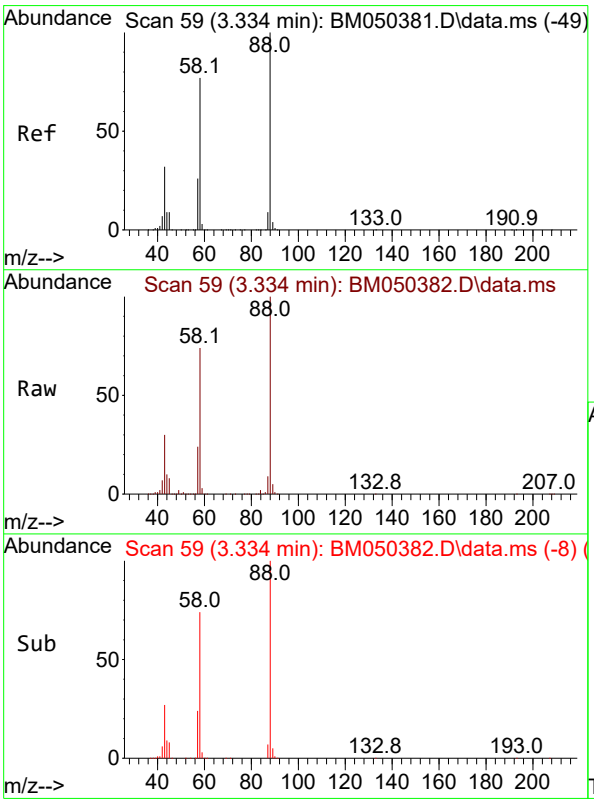
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 355414

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.4
115	58.6	45.8	68.8

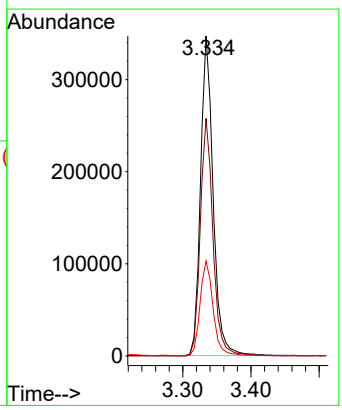


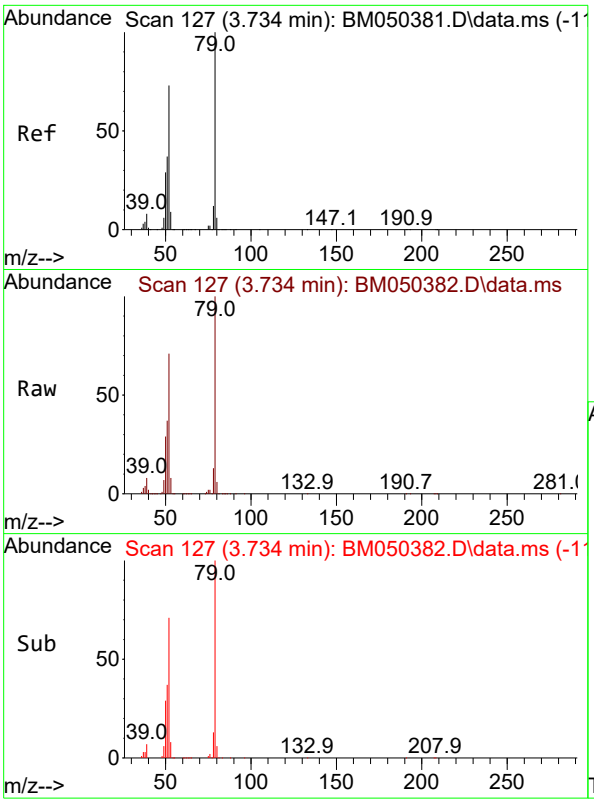


#2
1,4-Dioxane
Concen: 52.431 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 88 Resp: 445164

Ion	Ratio	Lower	Upper
88	100		
58	75.1	61.0	91.6
43	30.8	24.6	37.0



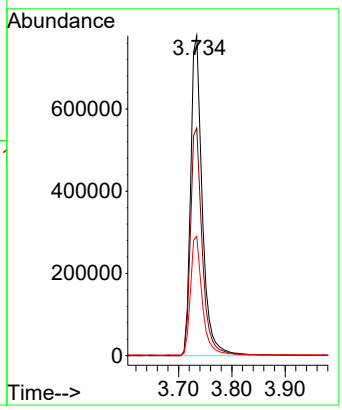


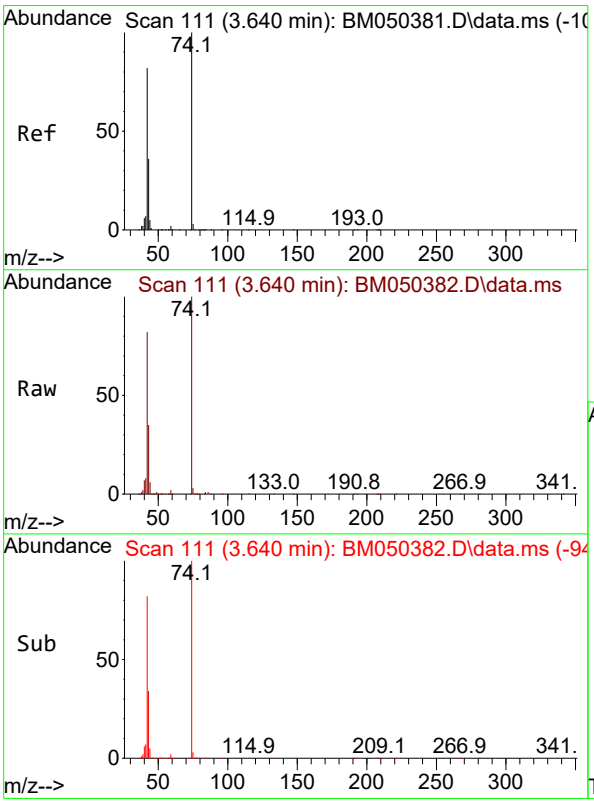
#3
Pyridine
Concen: 53.254 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1187050

Ion	Ratio	Lower	Upper
79	100		
52	71.2	58.3	87.5
51	37.3	29.6	44.4

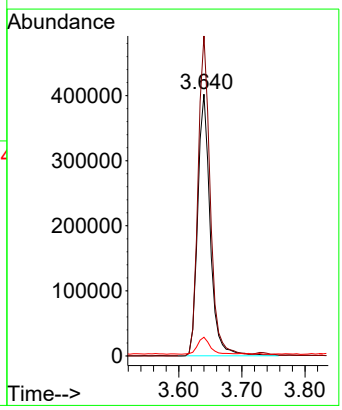


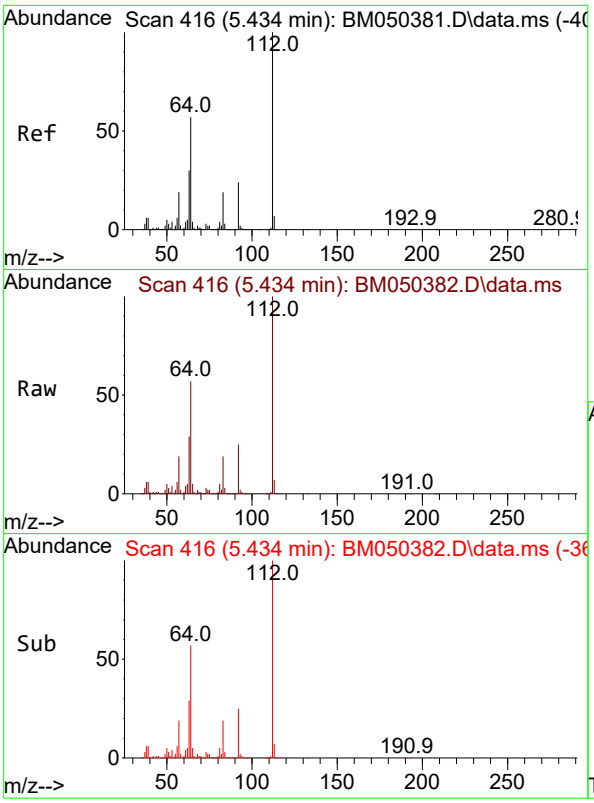


#4
n-Nitrosodimethylamine
Concen: 53.005 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 42 Resp: 550809

Ion	Ratio	Lower	Upper
42	100		
74	122.3	97.5	146.3
44	7.2	5.7	8.5



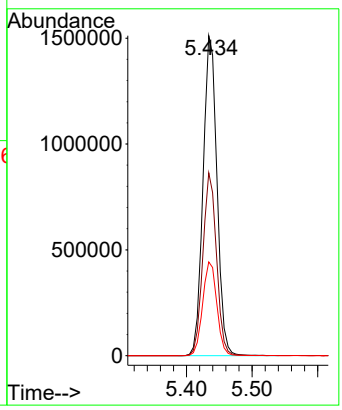


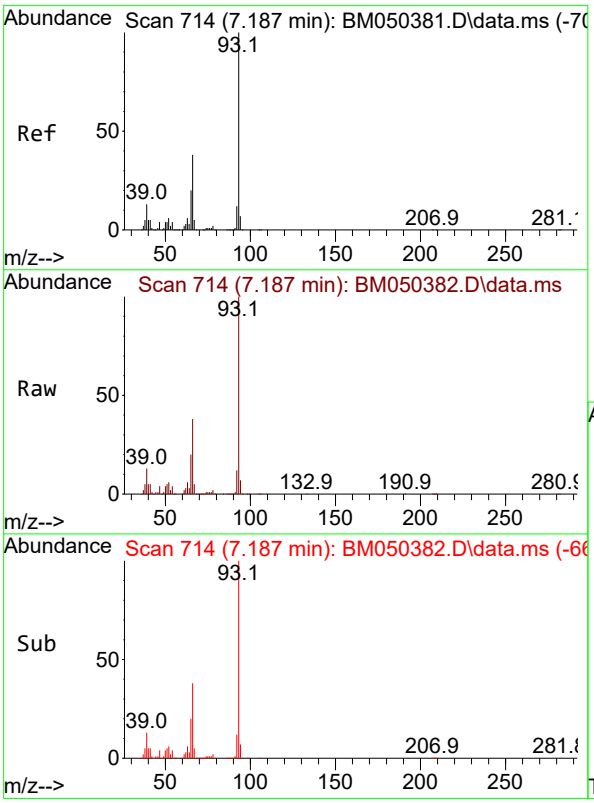
#5
2-Fluorophenol
Concen: 108.263 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 2235397

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.5	68.3
63	29.3	24.2	36.4

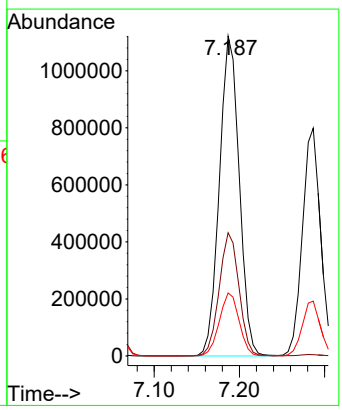


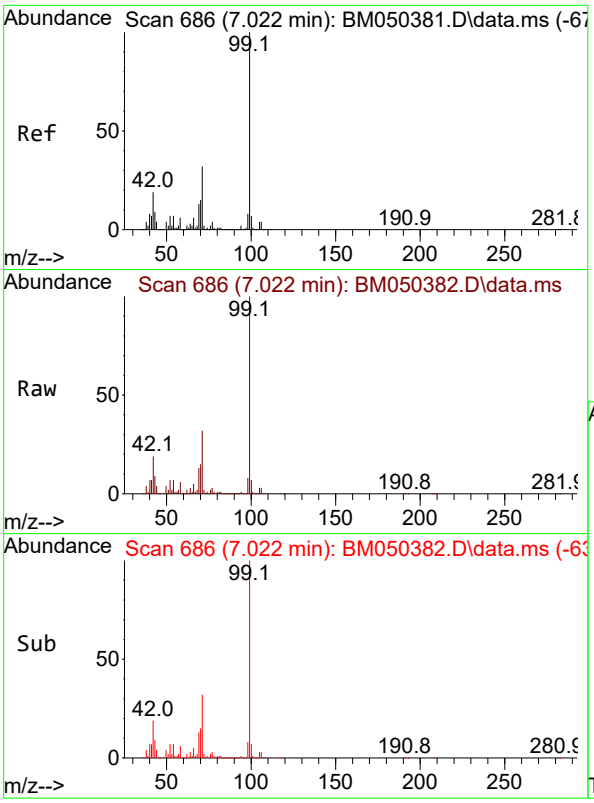


#6
Aniline
Concen: 54.314 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1814285

Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.5	45.7
65	19.7	15.9	23.9



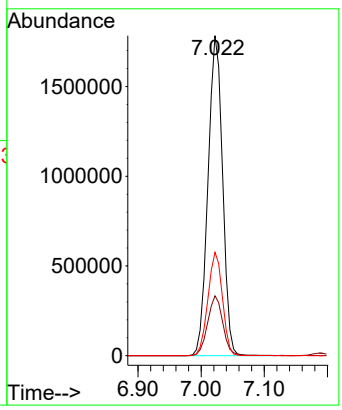


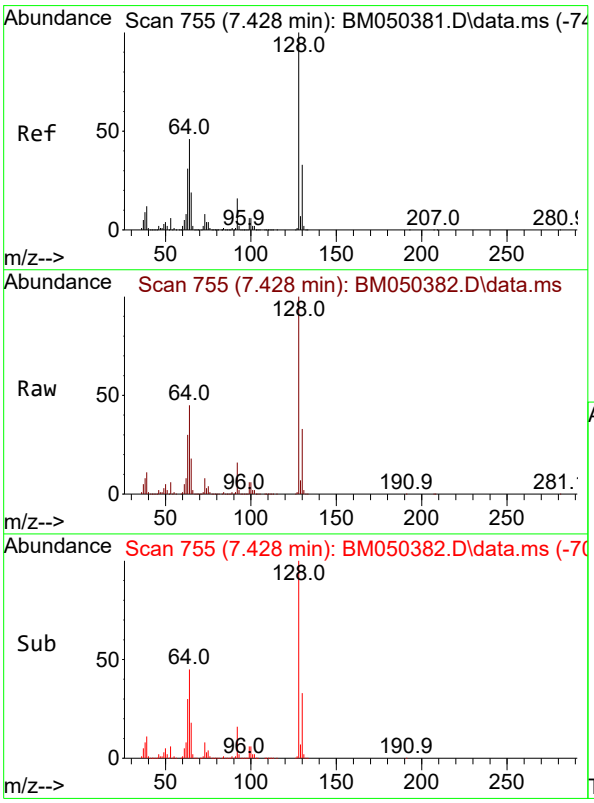
#7
Phenol-d6
Concen: 109.721 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2855911

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.6
71	32.3	25.9	38.9

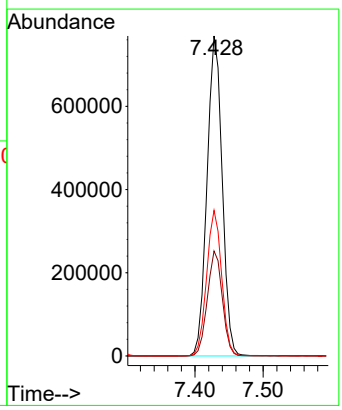


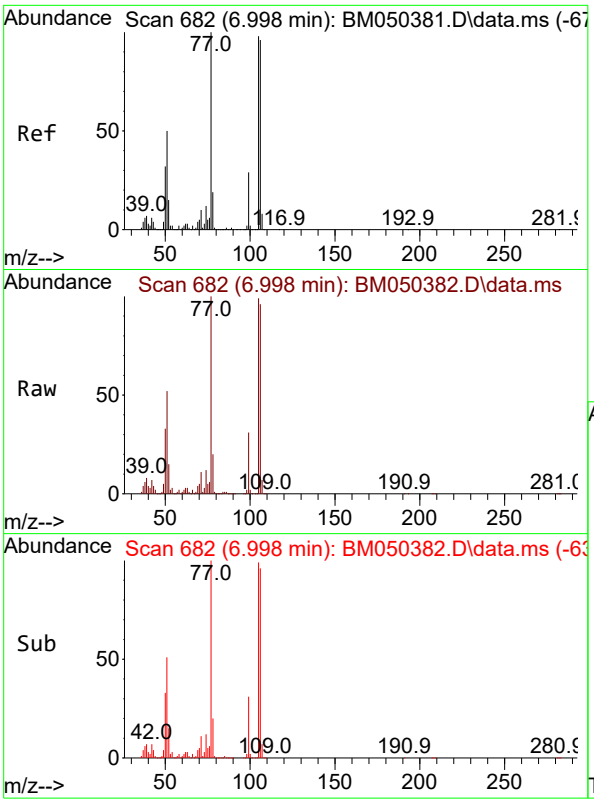


#8
2-Chlorophenol
Concen: 54.720 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:128 Resp: 1191374

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	45.5	25.6	65.6



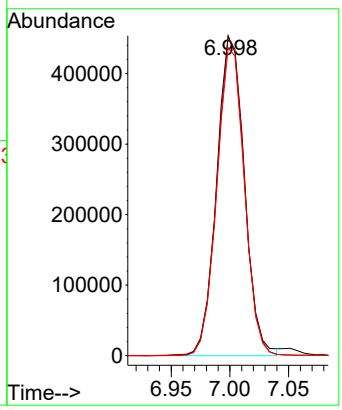


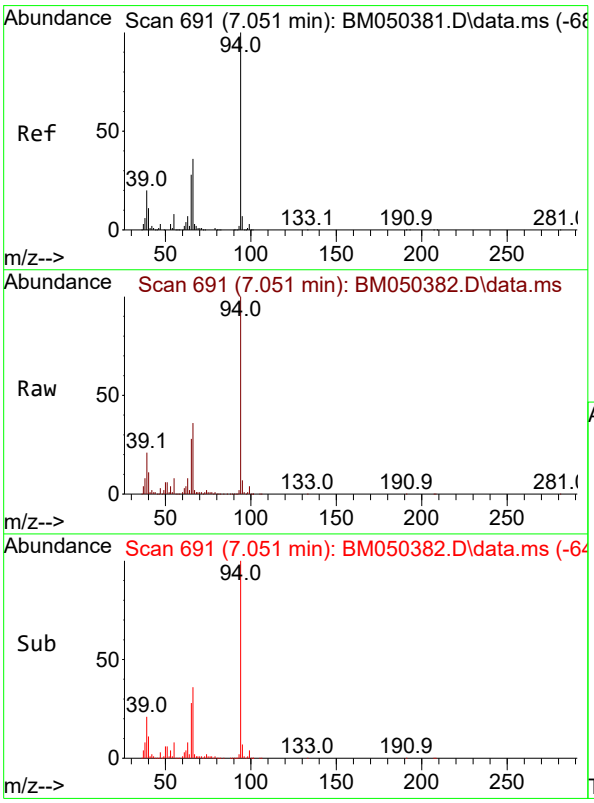
#9
Benzaldehyde
Concen: 48.013 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 743485

Ion	Ratio	Lower	Upper
77	100		
105	99.4	78.4	118.4
106	96.2	76.3	116.3

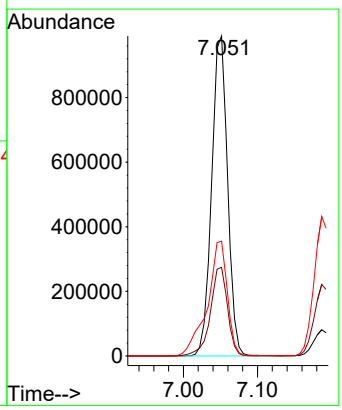


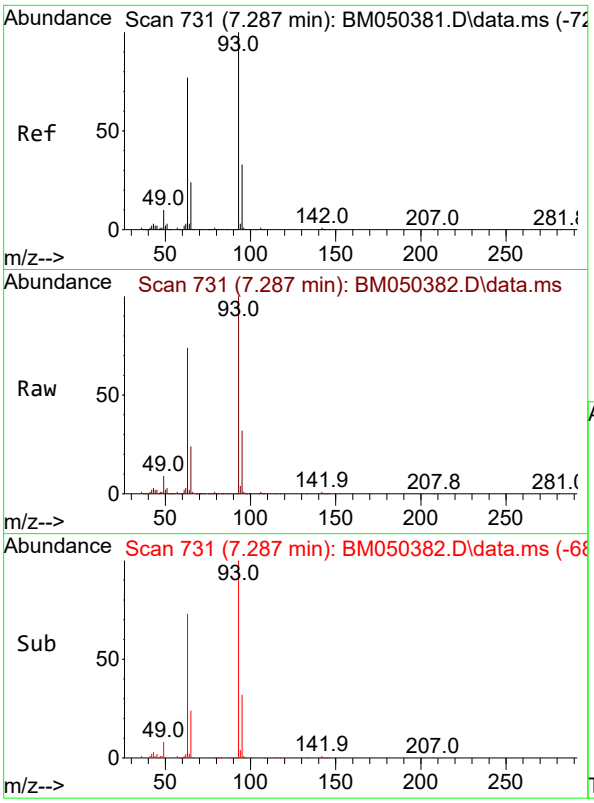


#10
Phenol
Concen: 54.513 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 94 Resp: 1479916

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.8	15.8	55.8



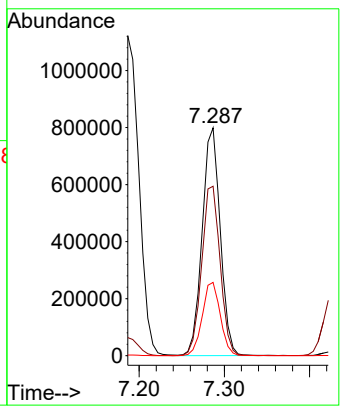


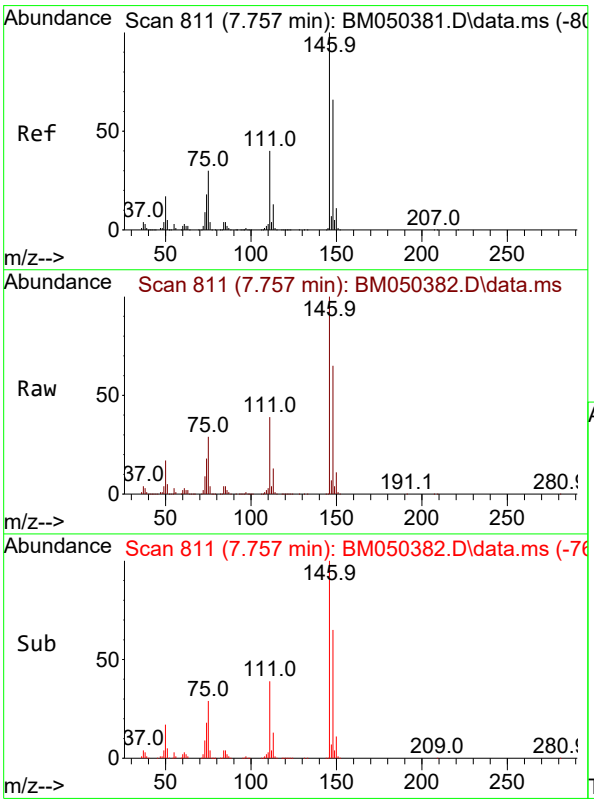
#11
bis(2-Chloroethyl)ether
Concen: 54.102 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 1176258

Ion	Ratio	Lower	Upper
93	100		
63	74.4	56.9	96.9
95	32.1	12.6	52.6

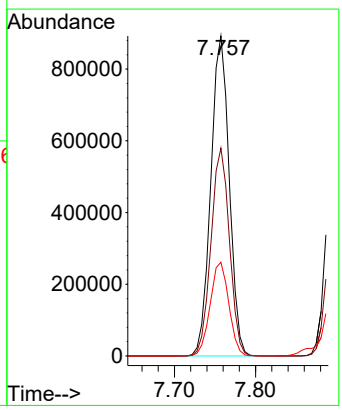


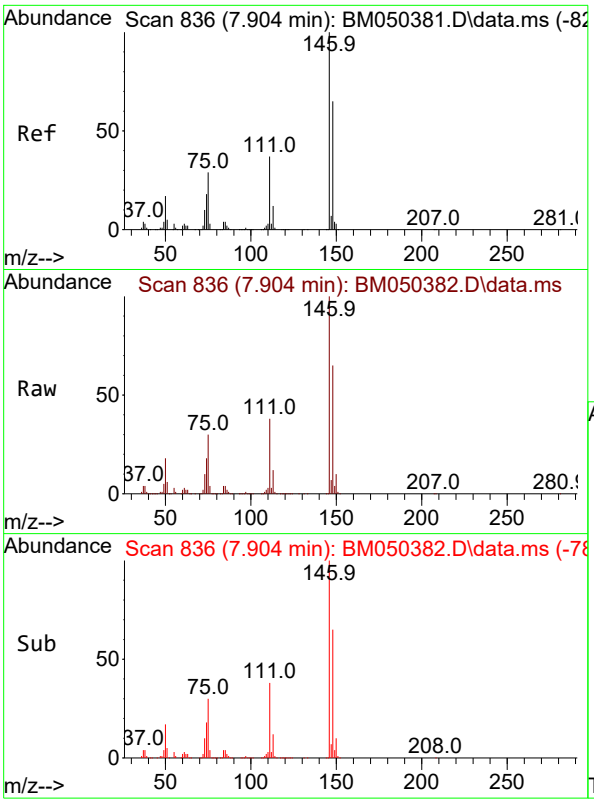


#12
1,3-Dichlorobenzene
Concen: 53.015 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1403509

Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.2	79.8
75	29.3	23.9	35.9



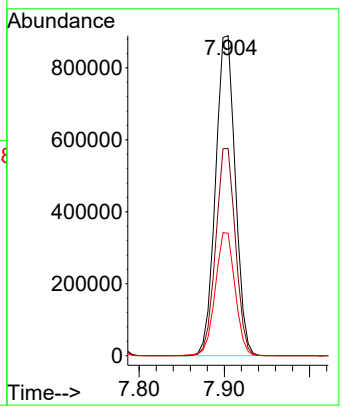


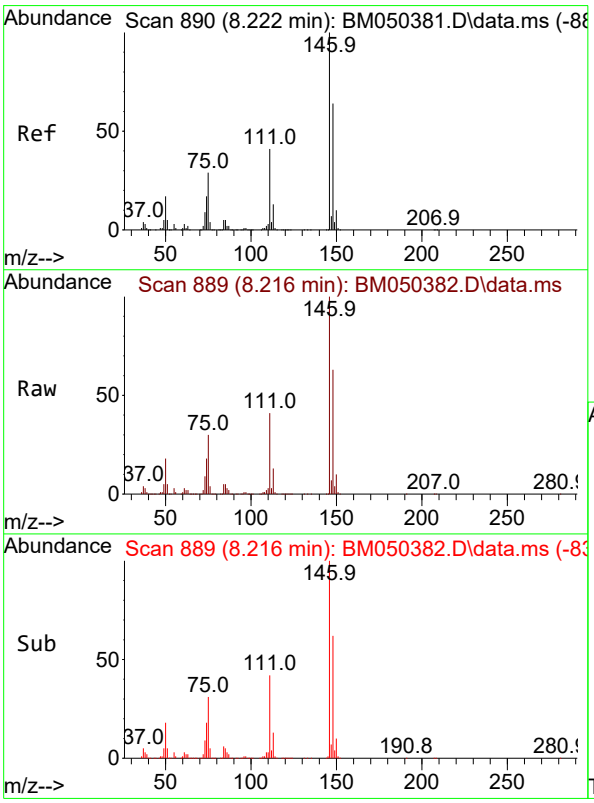
#13
1,4-Dichlorobenzene
Concen: 52.933 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 1430908

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	38.2	30.0	45.0

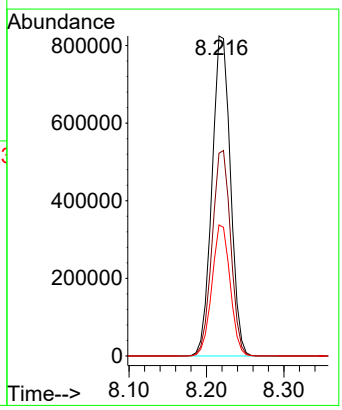


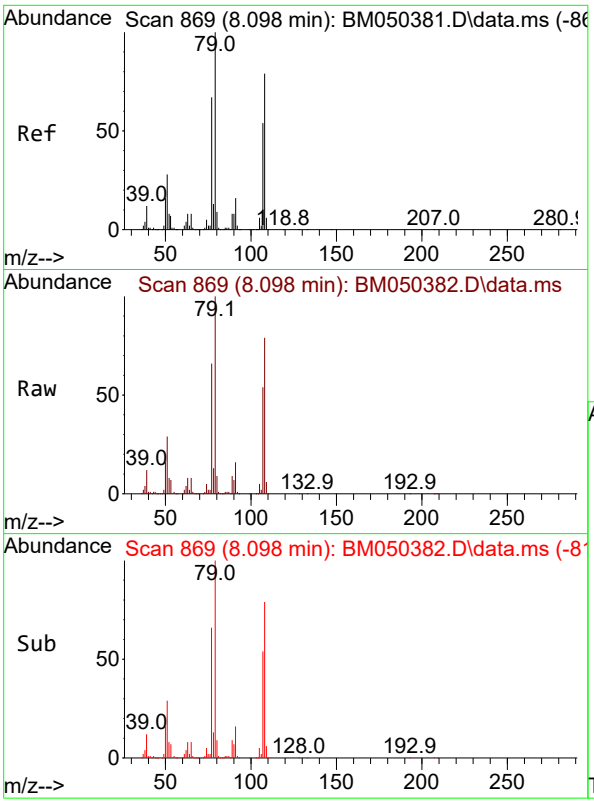


#14
1,2-Dichlorobenzene
Concen: 52.912 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:146 Resp: 1369382

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.5	77.3
111	40.9	32.6	49.0



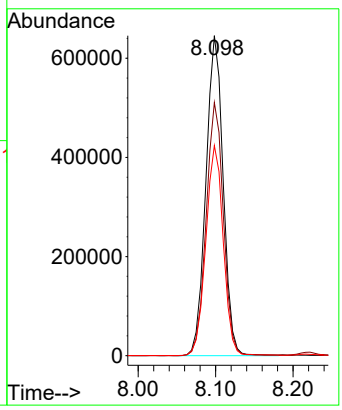


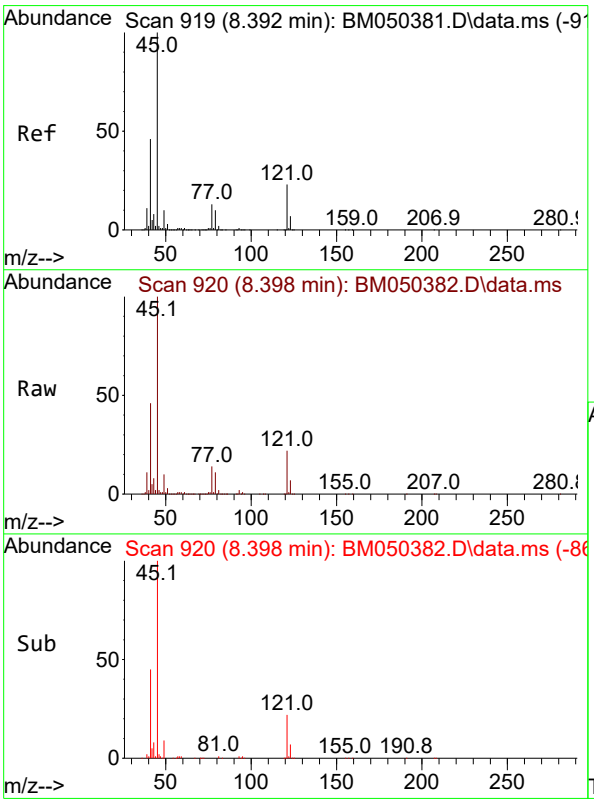
#15
Benzyl Alcohol
Concen: 54.529 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 1000035

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

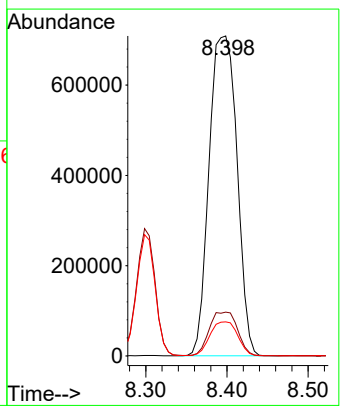


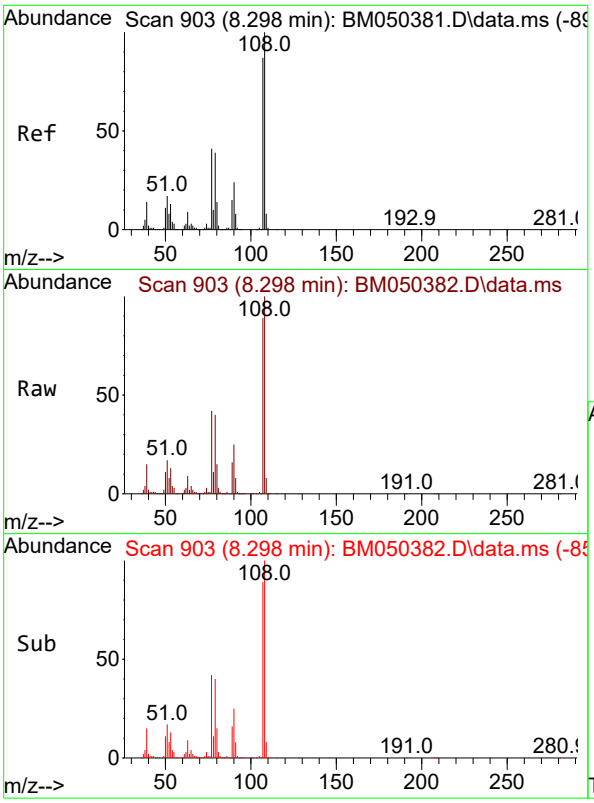


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.899 ng
RT: 8.398 min Scan# 920
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 45 Resp: 1694093

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.7	0.0	30.3



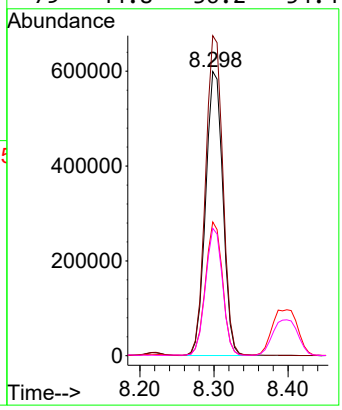


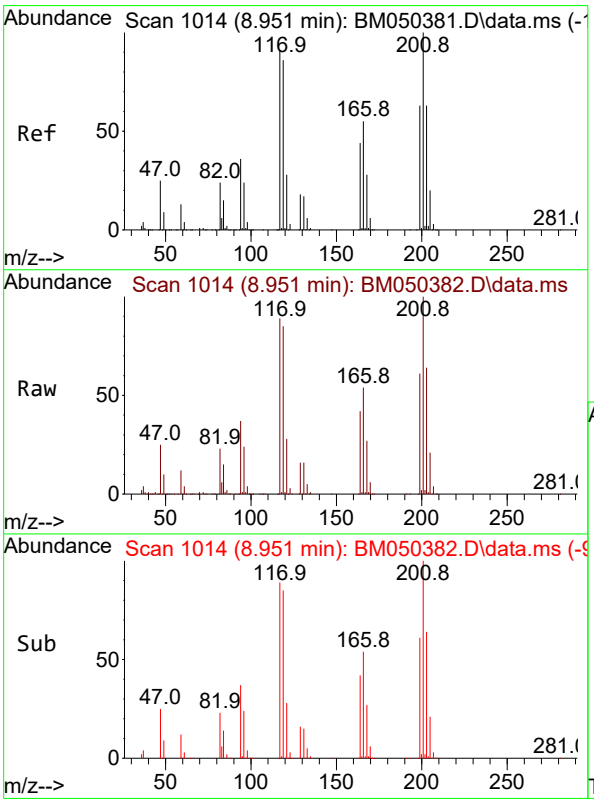
#17
2-Methylphenol
Concen: 54.938 ng
RT: 8.298 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 967335

Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.1	138.1
77	47.0	38.2	57.4
79	44.8	36.2	54.4

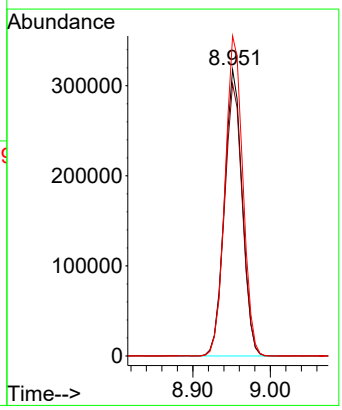


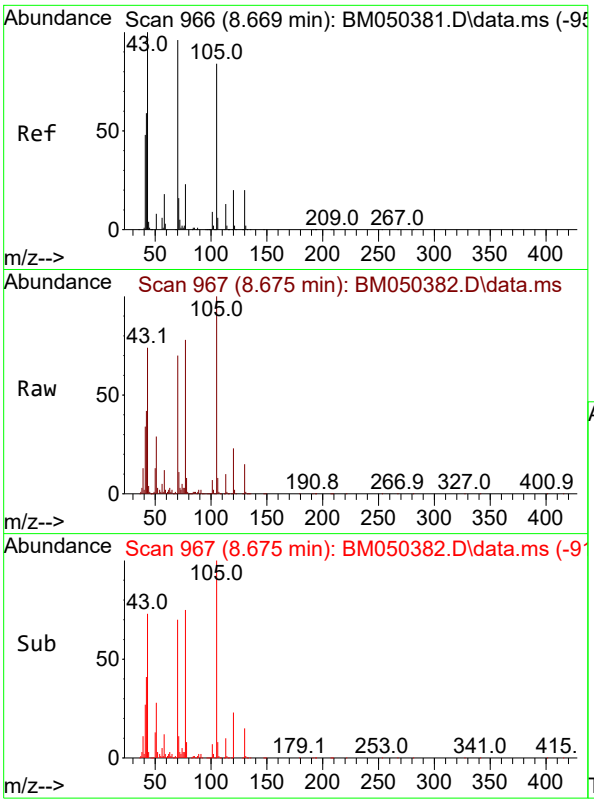


#18
Hexachloroethane
Concen: 53.689 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:117 Resp: 510428

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.6	113.4
201	111.8	87.9	131.9



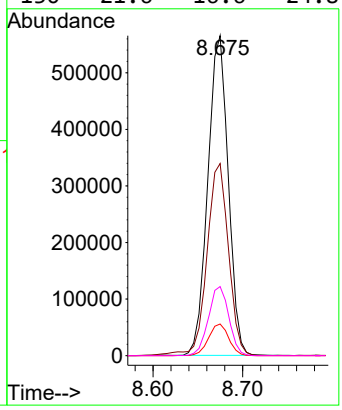


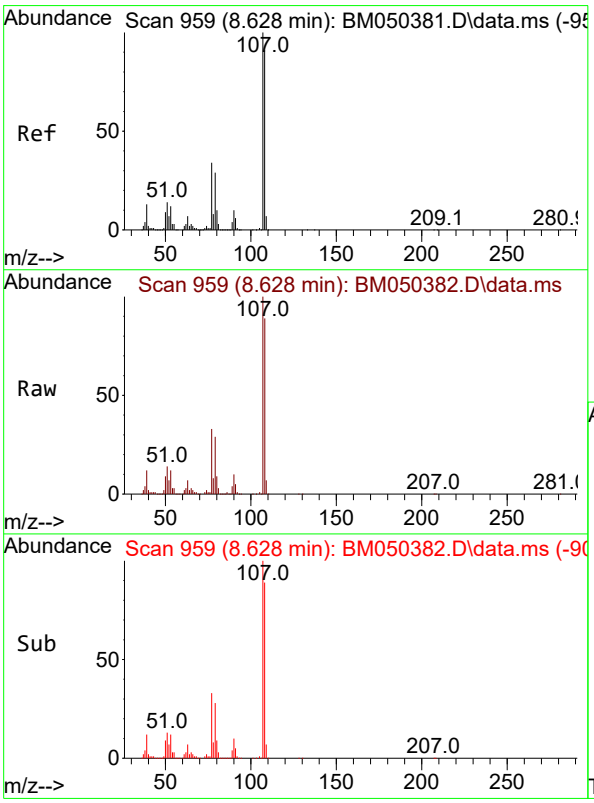
#19
n-Nitroso-di-n-propylamine
Concen: 56.604 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 892537

Ion	Ratio	Lower	Upper
70	100		
42	60.1	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

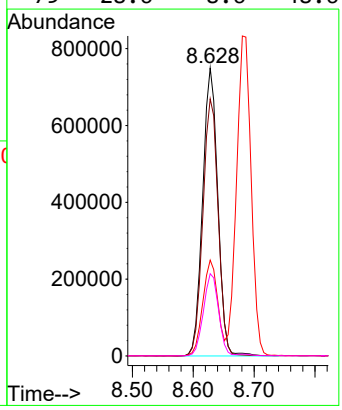


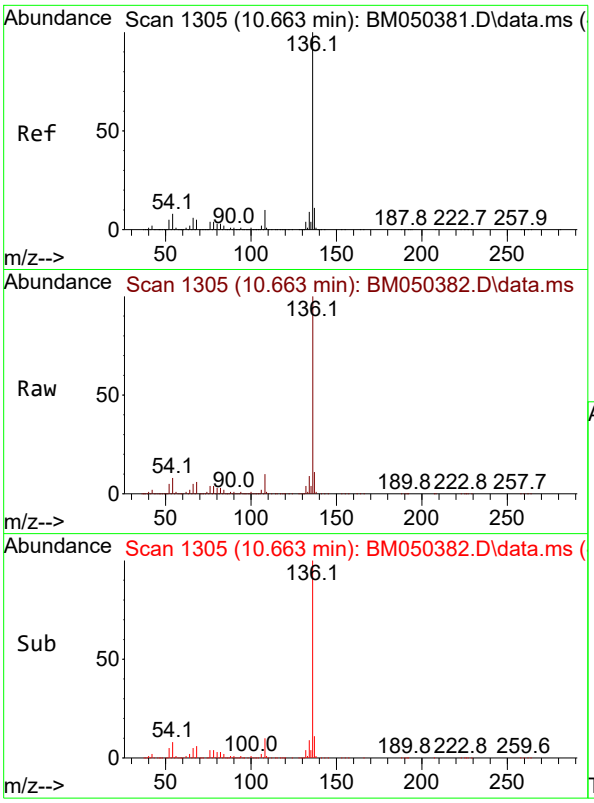


#20
3+4-Methylphenols
Concen: 54.800 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1295330

Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.5	111.5
77	33.3	13.7	53.7
79	28.6	8.6	48.6



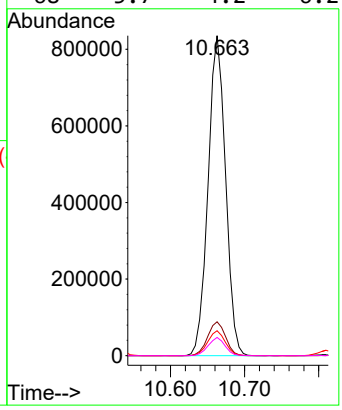


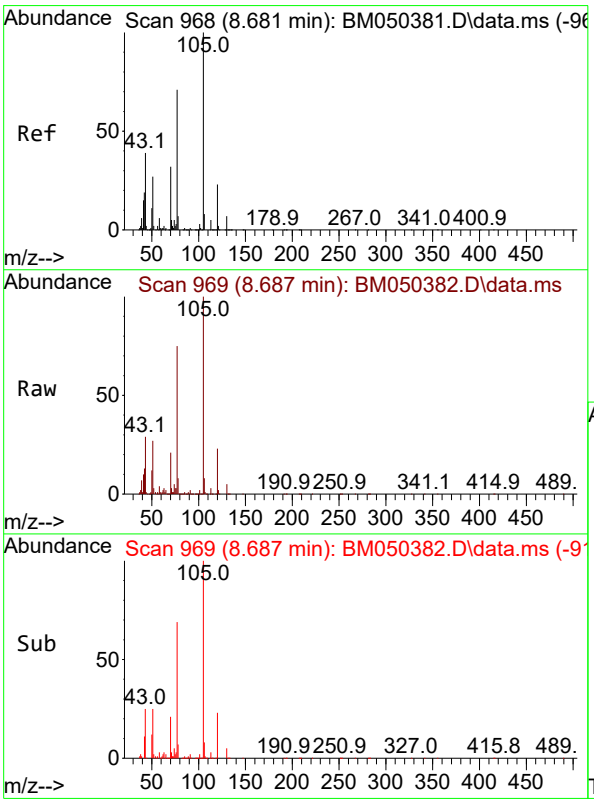
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1368622

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.8	6.3	9.5
68	5.7	4.2	6.2

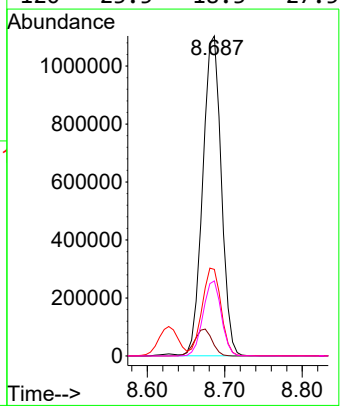


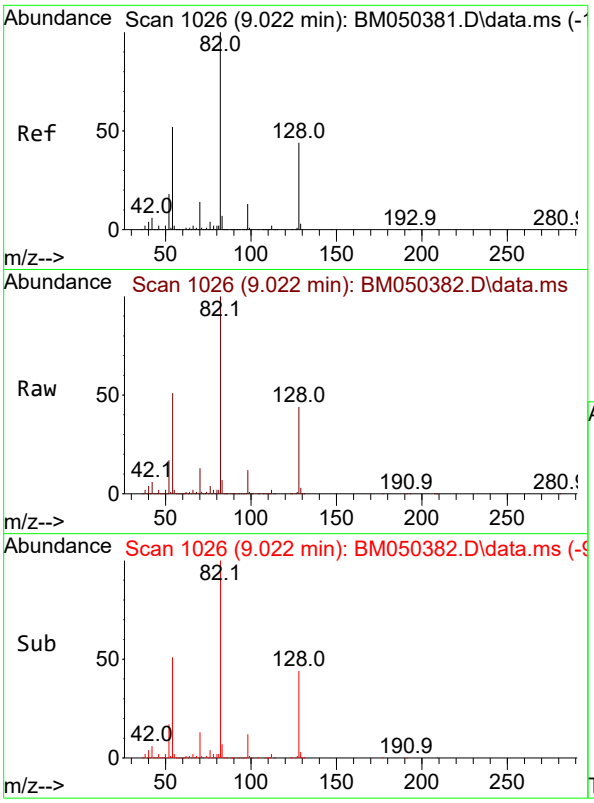


#22
Acetophenone
Concen: 53.438 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:105 Resp: 1828595

Ion	Ratio	Lower	Upper
105	100		
71	3.3	4.4	6.6#
51	27.0	23.0	34.6
120	23.5	18.3	27.5



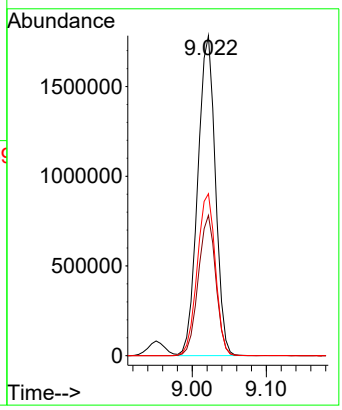


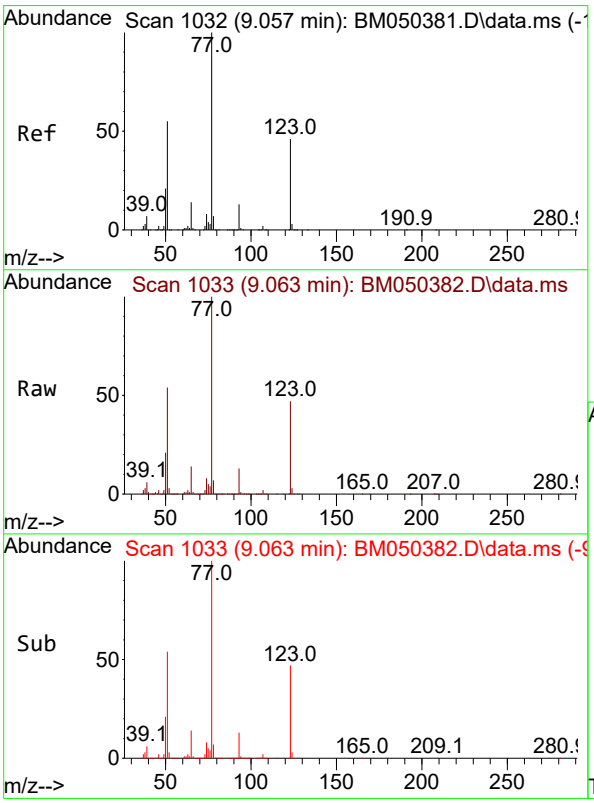
#23
Nitrobenzene-d5
Concen: 109.508 ng
RT: 9.022 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2937689

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.2	52.8
54	50.6	41.5	62.3

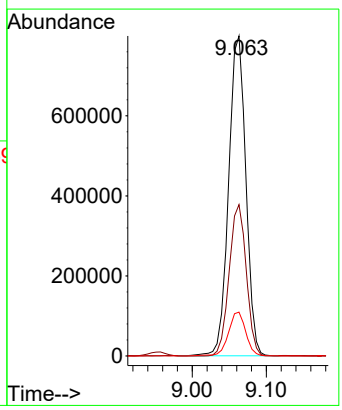


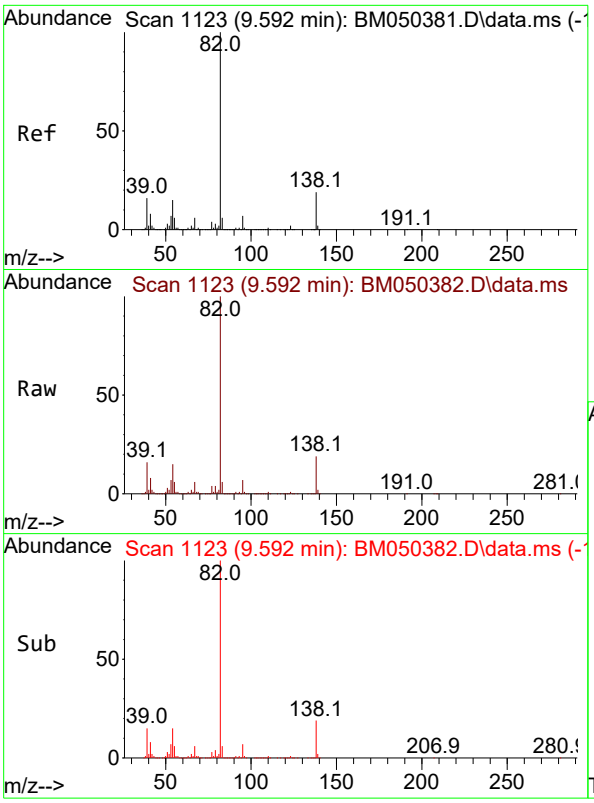


#24
Nitrobenzene
Concen: 53.879 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 77 Resp: 1289779

Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.0	55.6
65	13.7	11.0	16.4



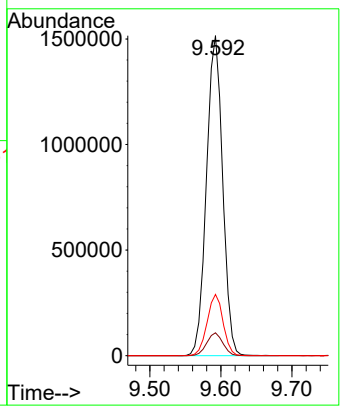


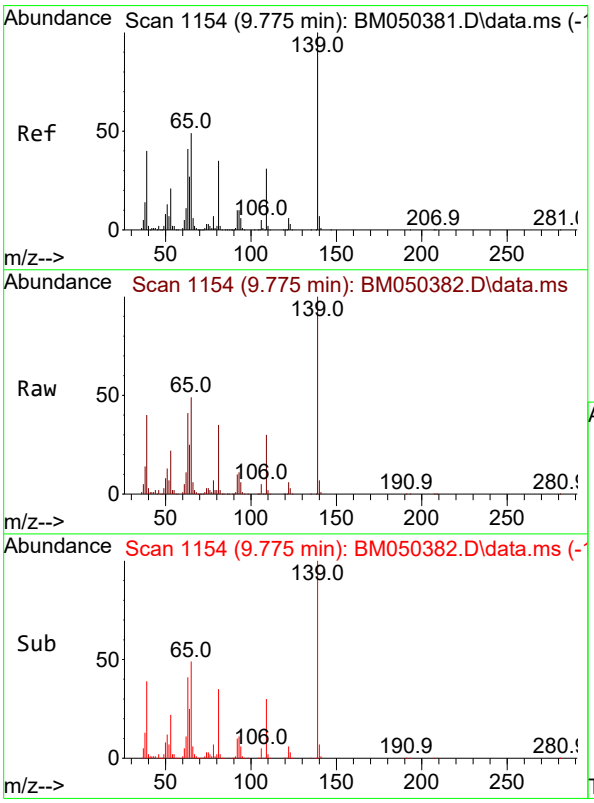
#25
Isophorone
Concen: 55.168 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2401483

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.2	15.3	22.9

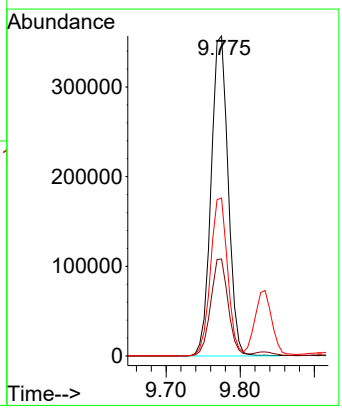


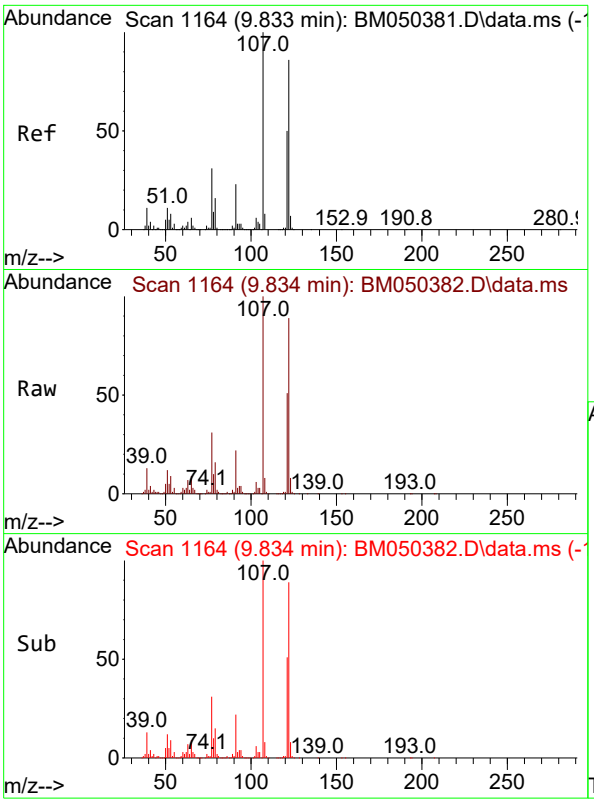


#26
2-Nitrophenol
Concen: 58.414 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 569906

Ion	Ratio	Lower	Upper
139	100		
109	30.3	24.6	36.8
65	49.3	39.2	58.8



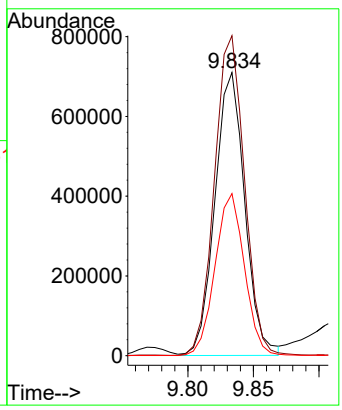


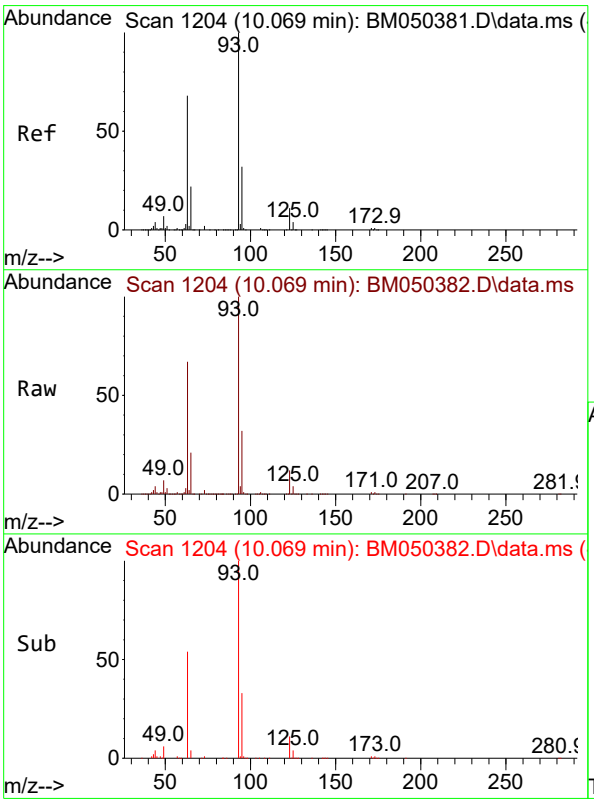
#27
2,4-Dimethylphenol
Concen: 54.178 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 1124761

Ion	Ratio	Lower	Upper
122	100		
107	113.0	93.0	139.6
121	57.2	46.1	69.1

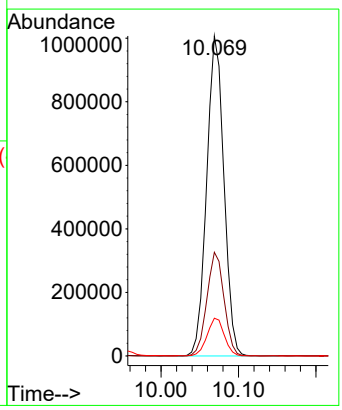


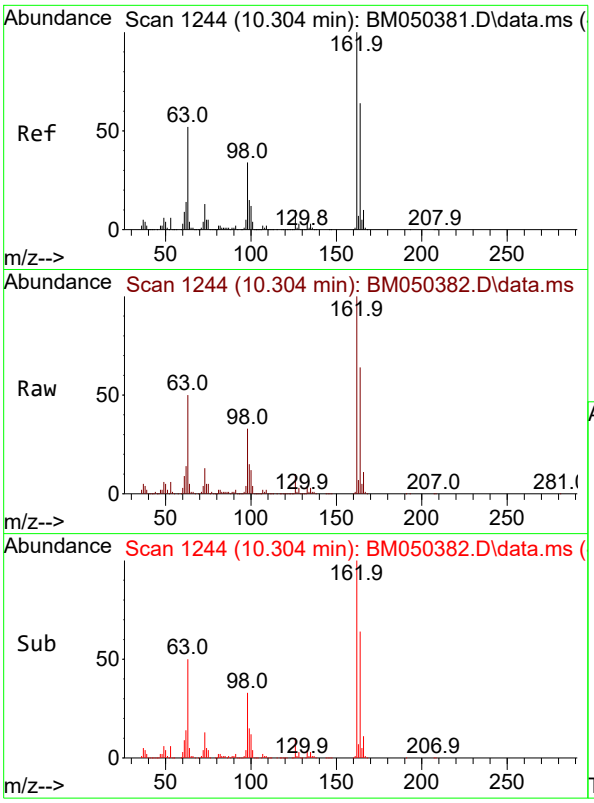


#28
bis(2-Chloroethoxy)methane
Concen: 53.910 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 93 Resp: 1555003

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.8	9.1	13.7



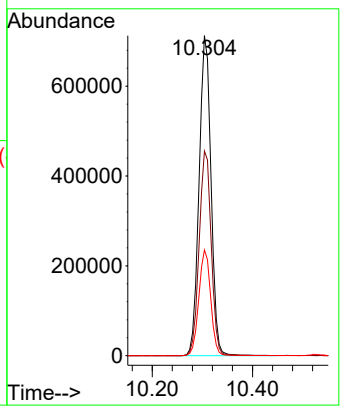


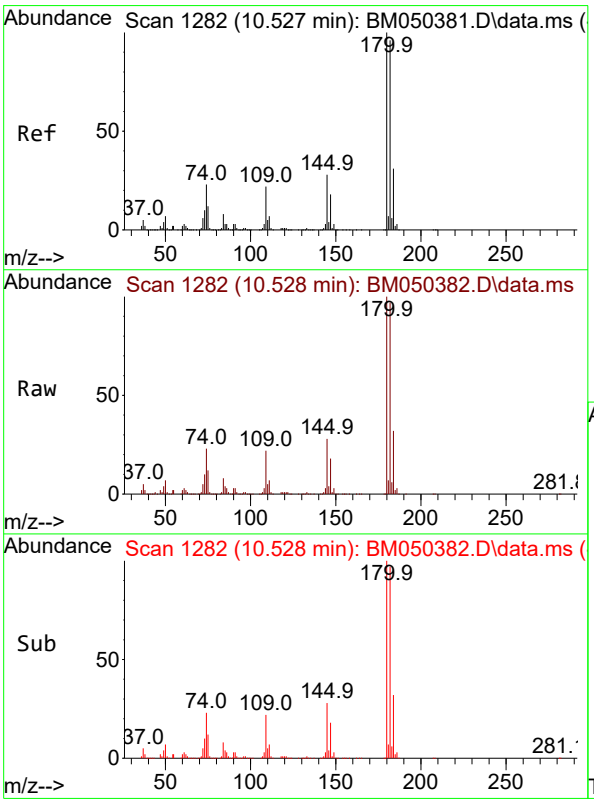
#29
2,4-Dichlorophenol
Concen: 55.130 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1175856

Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.7	83.7
98	33.0	13.7	53.7

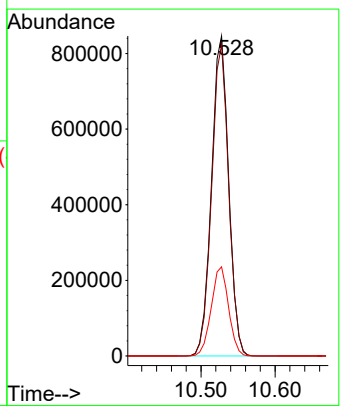


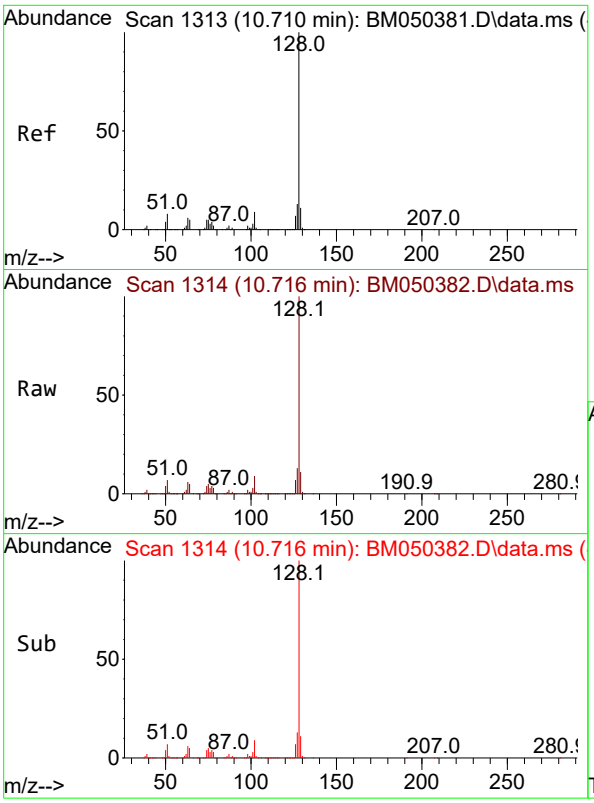


#30
1,2,4-Trichlorobenzene
Concen: 53.267 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:180 Resp: 1359109

Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.8	115.2
145	27.9	22.6	33.8



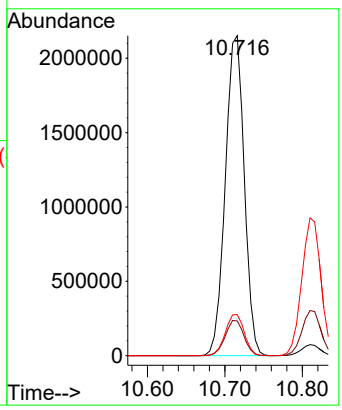


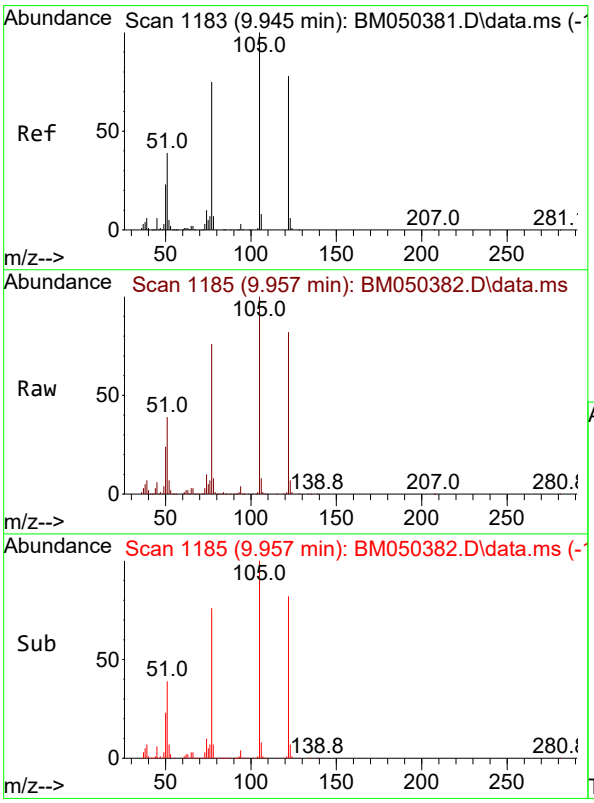
#31
Naphthalene
Concen: 52.691 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3662846

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.4	15.6

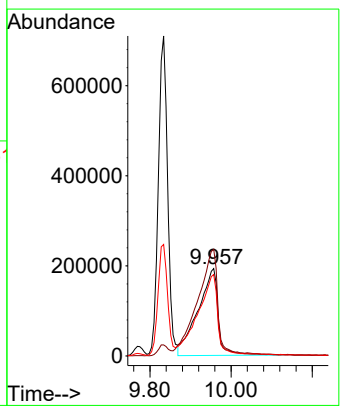


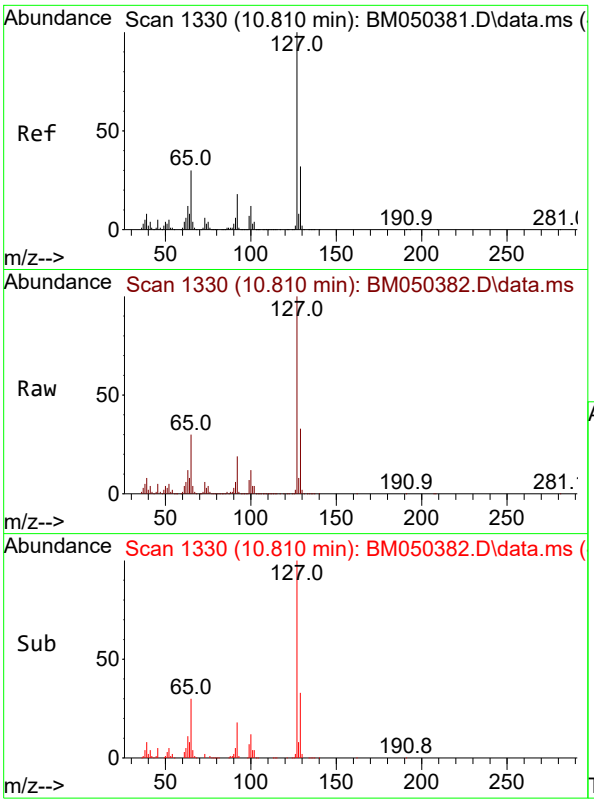


#32
Benzoic acid
Concen: 51.765 ng
RT: 9.957 min Scan# 1185
Delta R.T. 0.012 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:122 Resp: 666467

Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.0	144.0
77	93.3	73.8	113.8



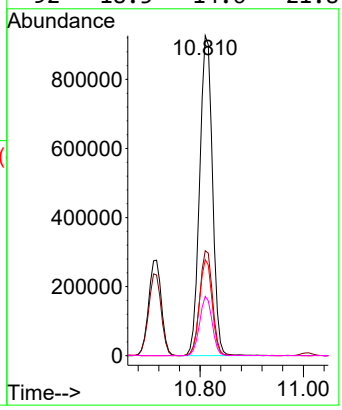


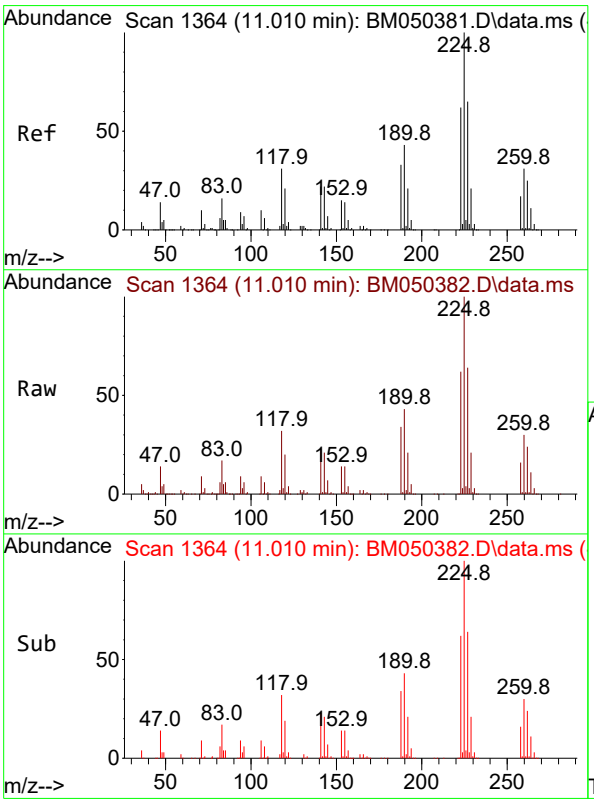
#33
4-Chloroaniline
Concen: 54.189 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1592528

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.5	38.3
65	30.0	23.9	35.9
92	18.5	14.6	21.8

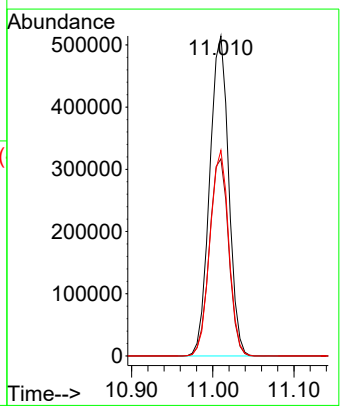


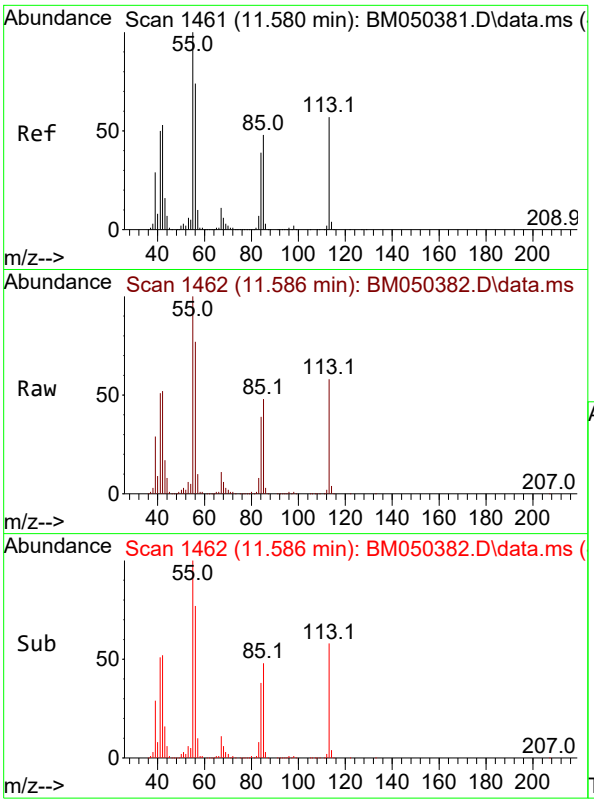


#34
Hexachlorobutadiene
Concen: 53.639 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:225 Resp: 835314

Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.2	52.1	78.1



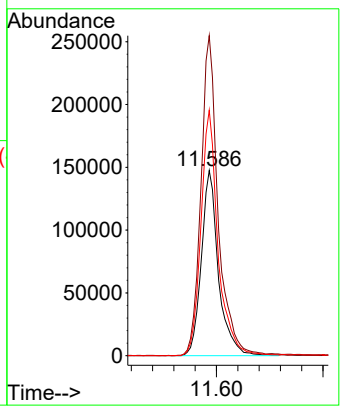


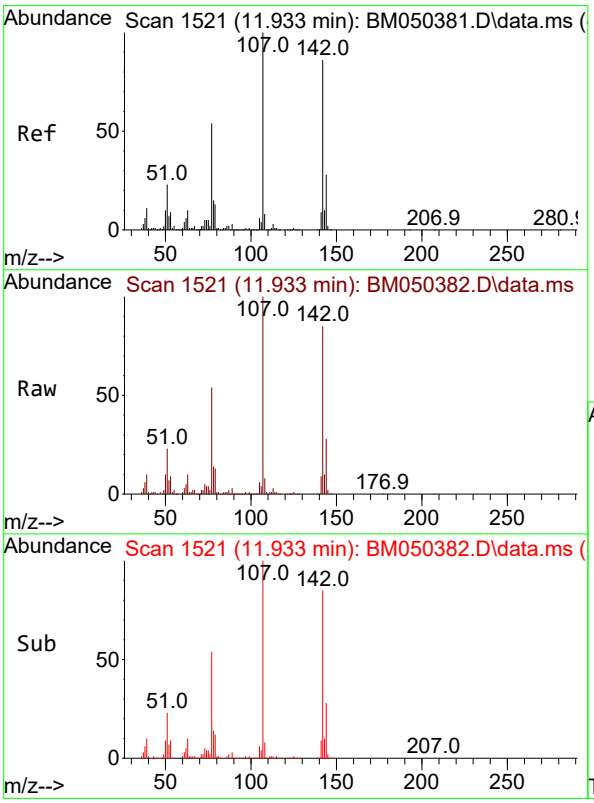
#35
Caprolactam
Concen: 56.364 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 328173

Ion	Ratio	Lower	Upper
113	100		
55	172.8	157.2	197.2
56	132.6	111.7	151.7

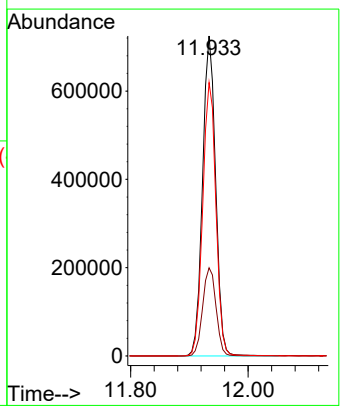


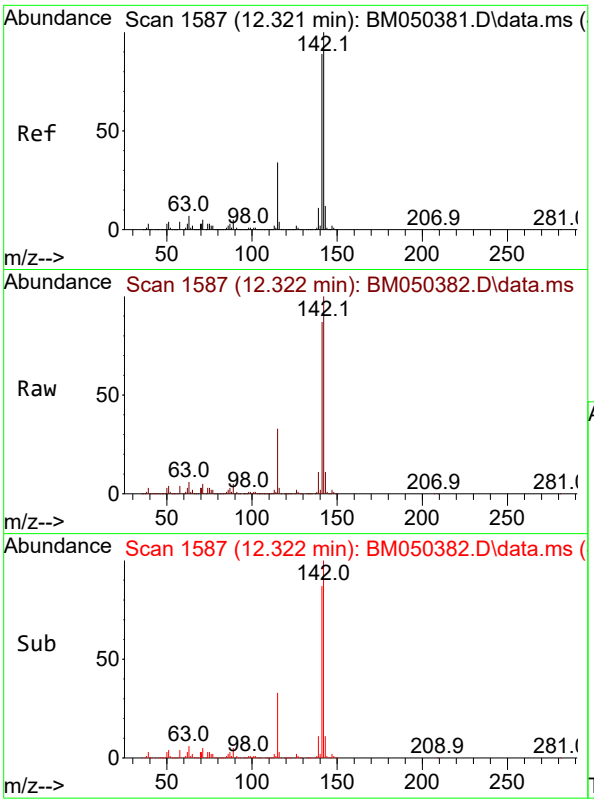


#36
4-Chloro-3-methylphenol
Concen: 55.959 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:107 Resp: 1114543

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.2	33.4
142	85.4	68.7	103.1



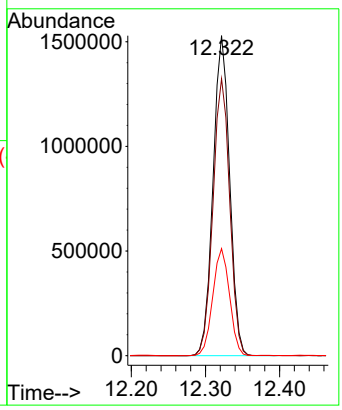


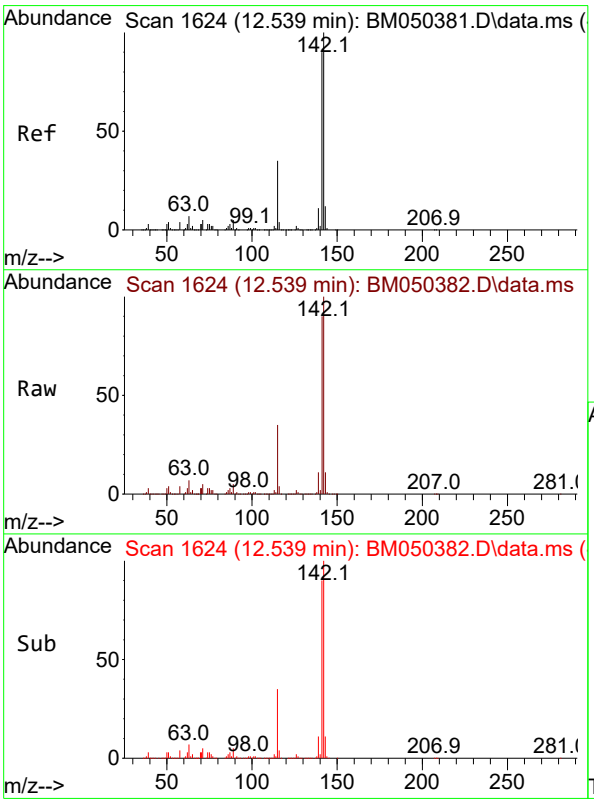
#37
2-Methylnaphthalene
Concen: 53.990 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2369763

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.8	106.2
115	33.5	27.0	40.4

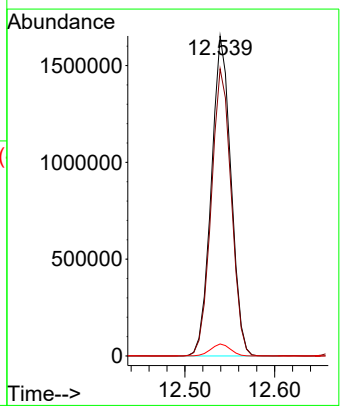


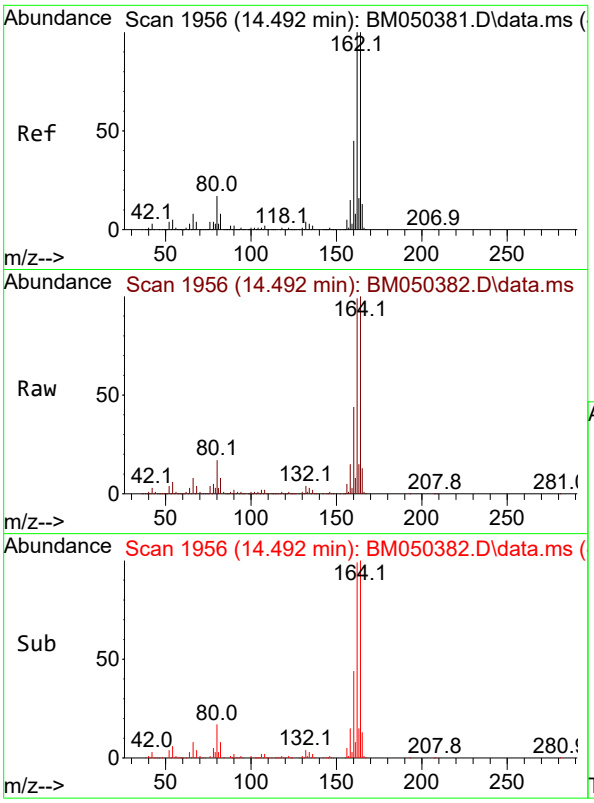


#38
1-Methylnaphthalene
Concen: 54.226 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:142 Resp: 2518911

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
116	3.8	3.0	4.6



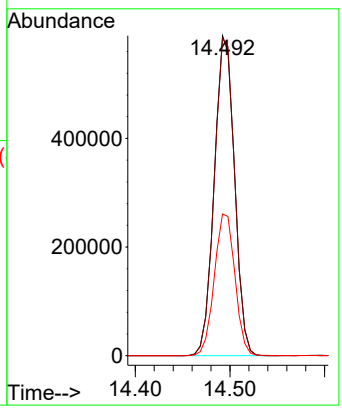


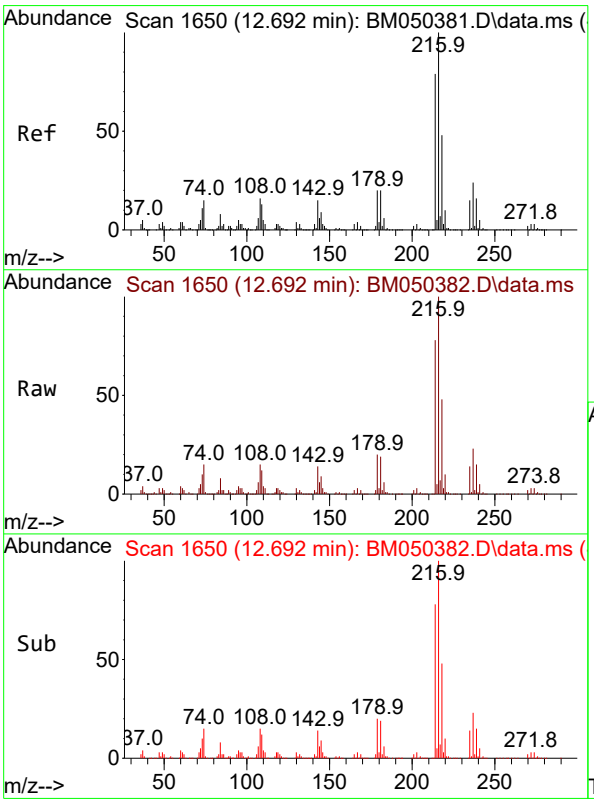
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 874077

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.9	119.9
160	44.3	36.2	54.4

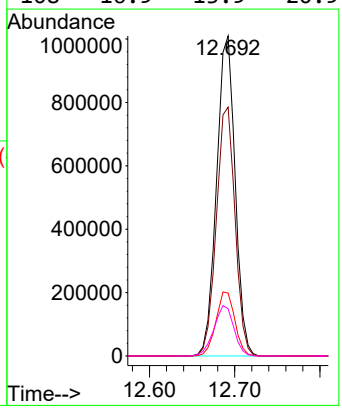


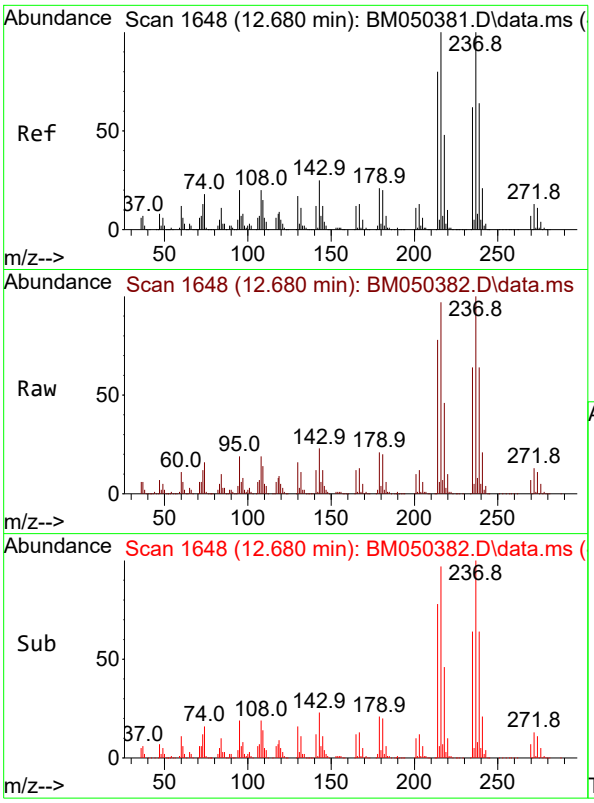


#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.004 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:216 Resp: 1528897

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



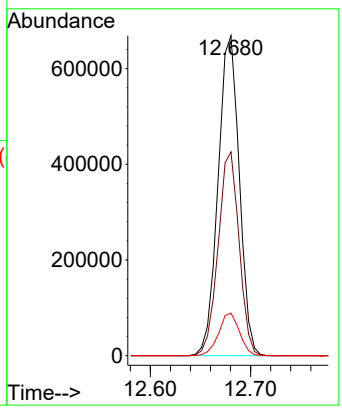


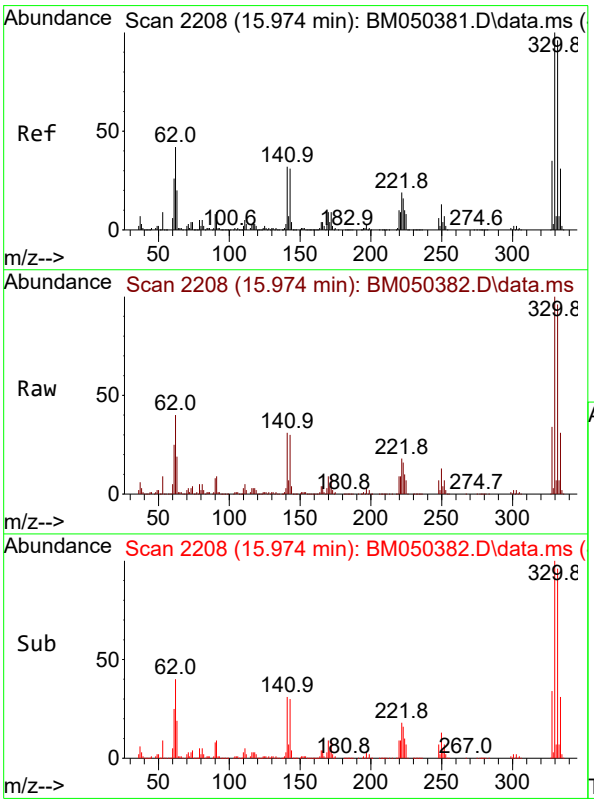
#41
Hexachlorocyclopentadiene
Concen: 55.306 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 982675

Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.3	82.3
272	13.3	0.0	33.0

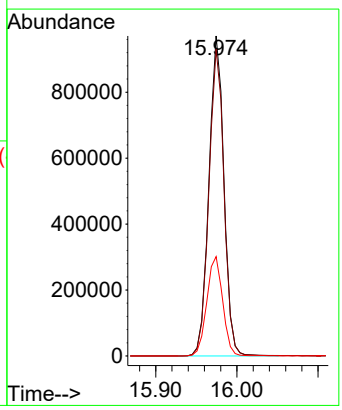


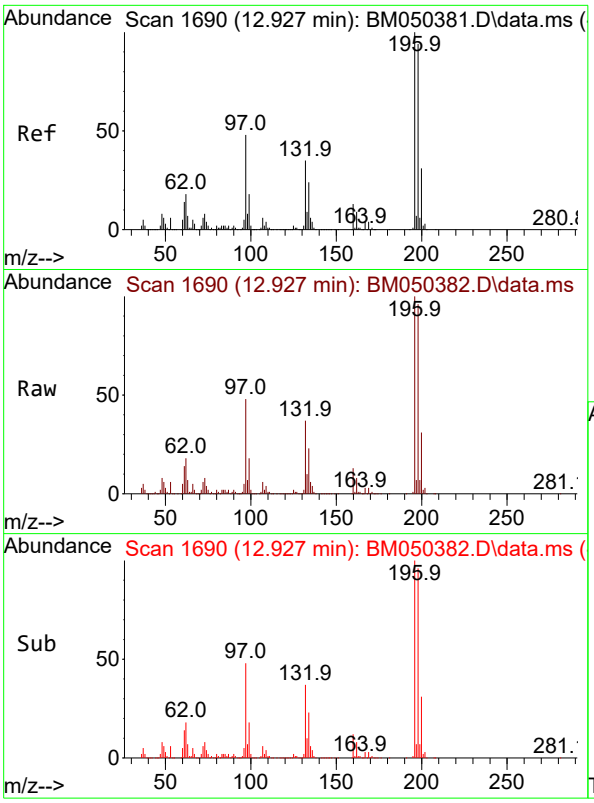


#42
2,4,6-Tribromophenol
Concen: 117.361 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:330 Resp: 1246384

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	32.9	27.4	41.0



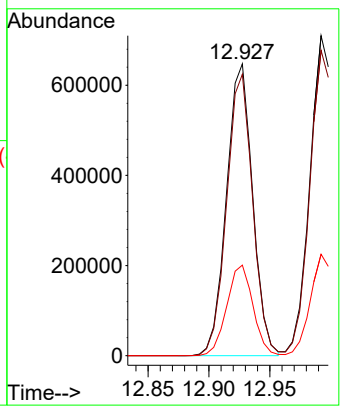


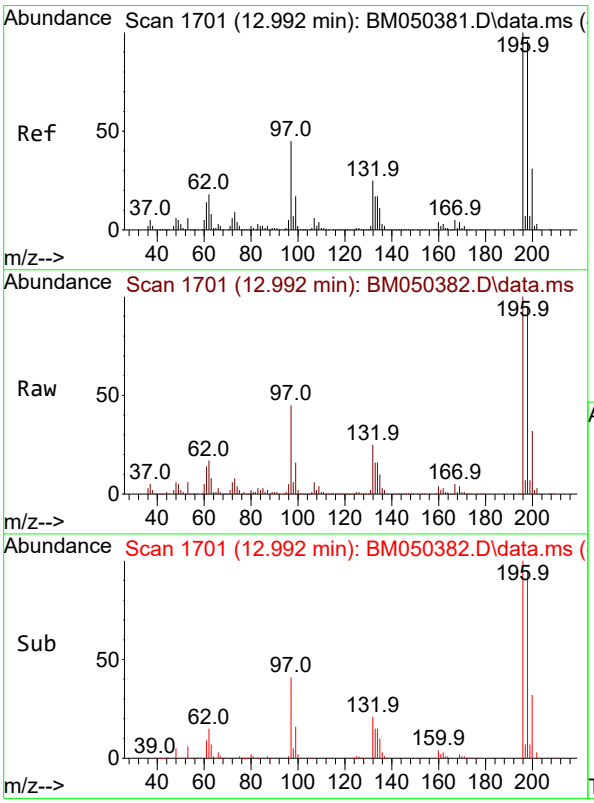
#43
2,4,6-Trichlorophenol
Concen: 56.583 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 968128

Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.1	112.7
200	31.0	24.6	37.0

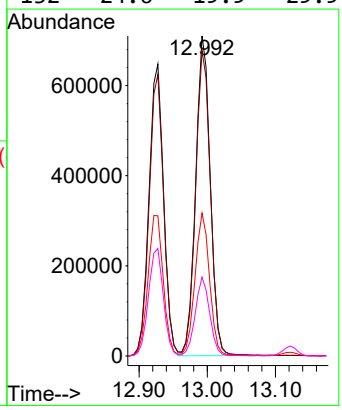


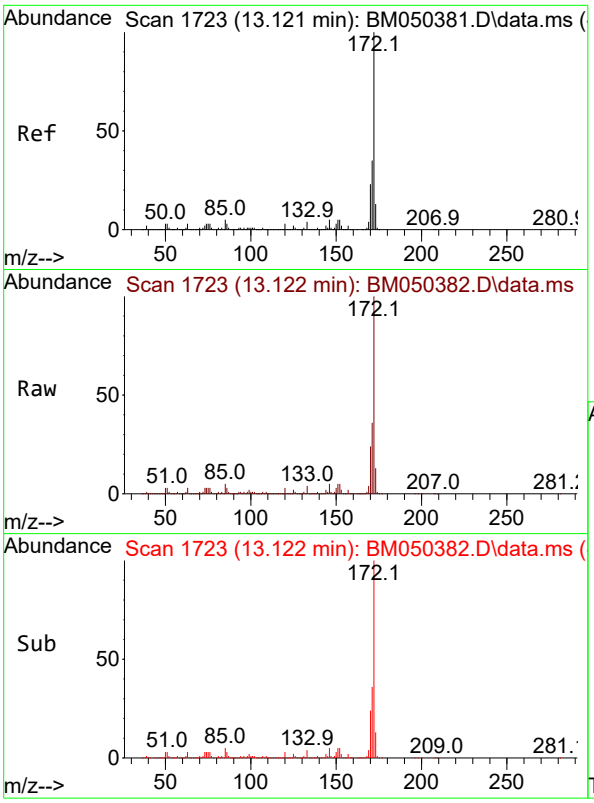


#44
2,4,5-Trichlorophenol
Concen: 56.628 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:196 Resp: 1058158

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.2	115.8
97	44.6	36.2	54.4
132	24.6	19.9	29.9



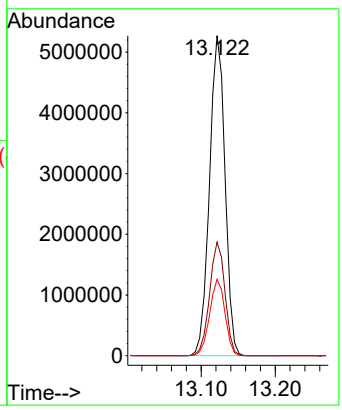


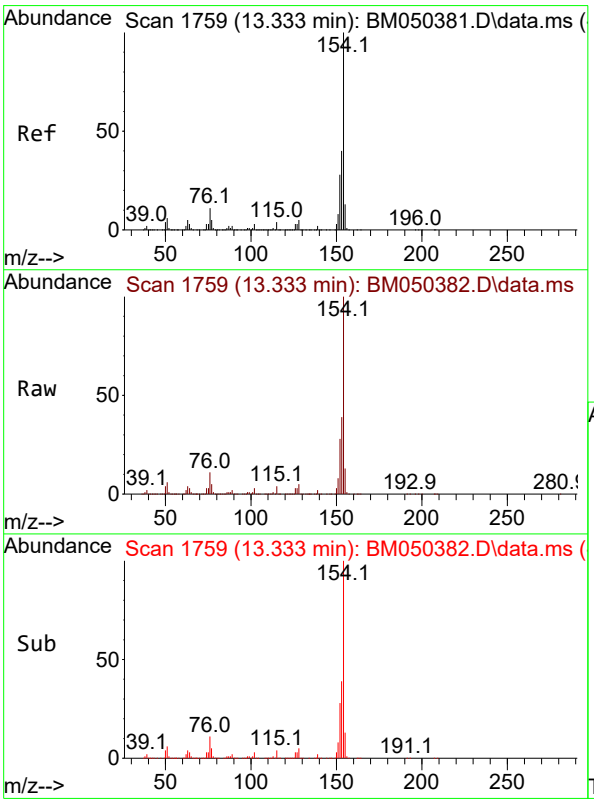
#45
2-Fluorobiphenyl
Concen: 108.218 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 7659625

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.7	41.5
170	23.9	18.8	28.2

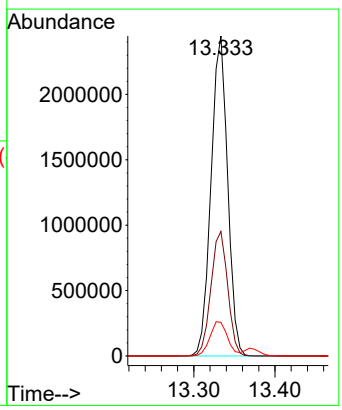


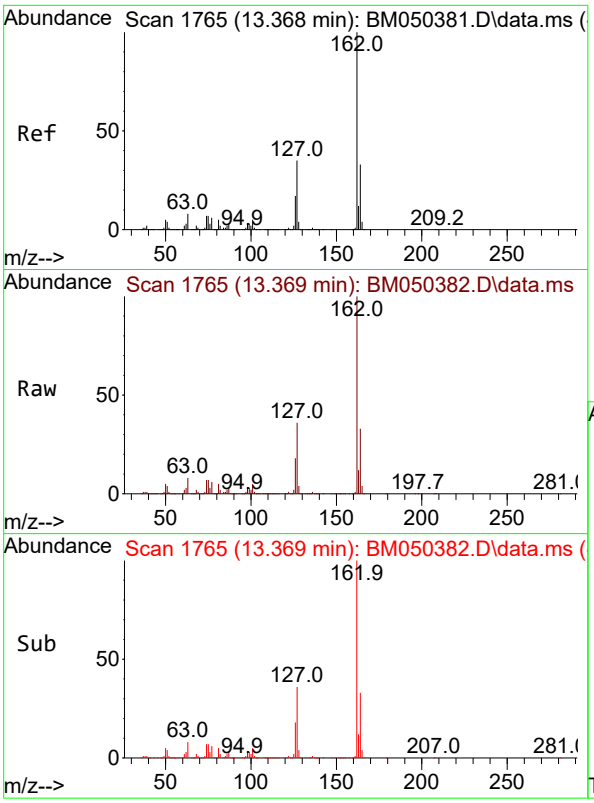


#46
1,1'-Biphenyl
Concen: 53.449 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 3466190

Ion	Ratio	Lower	Upper
154	100		
153	38.9	19.7	59.7
76	10.5	0.0	30.9



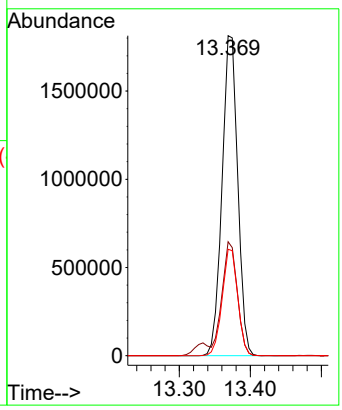


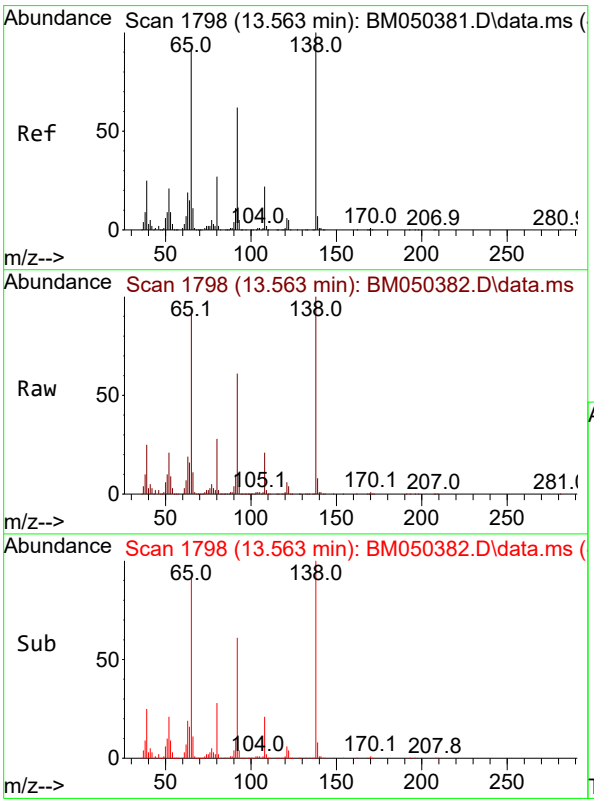
#47
2-Chloronaphthalene
Concen: 53.538 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2768272

Ion	Ratio	Lower	Upper
162	100		
127	35.6	28.3	42.5
164	33.3	26.6	40.0

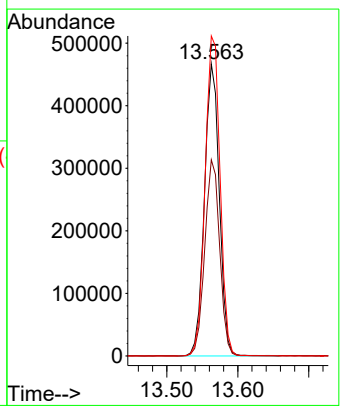


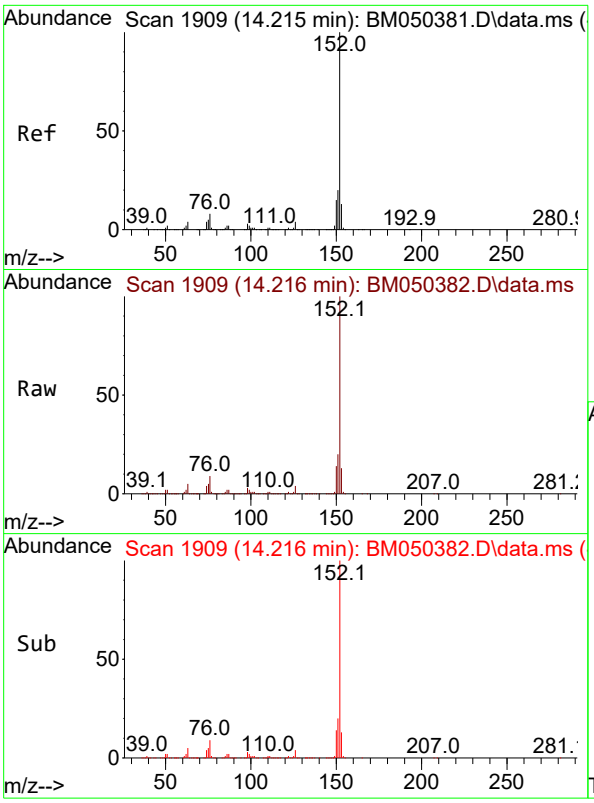


#48
2-Nitroaniline
Concen: 59.115 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion: 65 Resp: 682263

Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.3	81.5
138	109.6	87.8	131.6



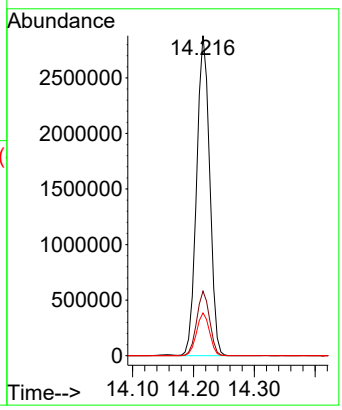


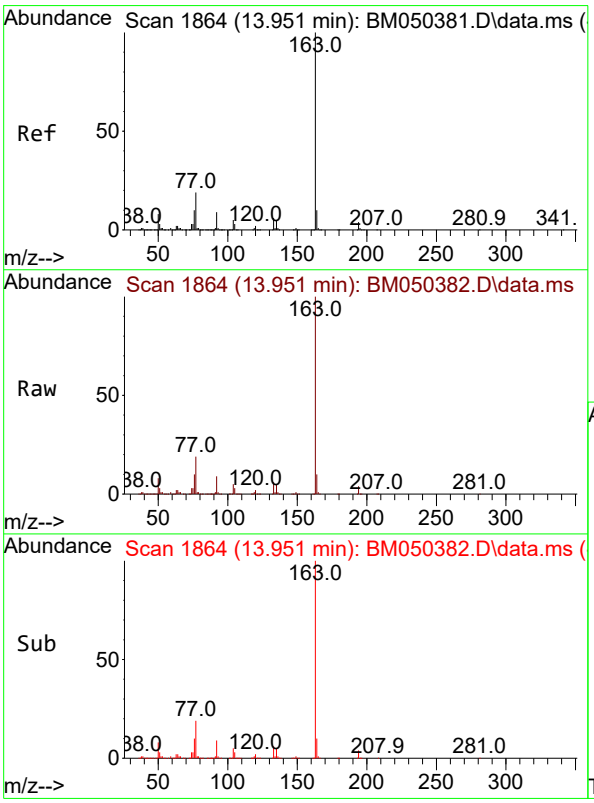
#49
Acenaphthylene
Concen: 54.707 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 4274915

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.4	10.6	15.8

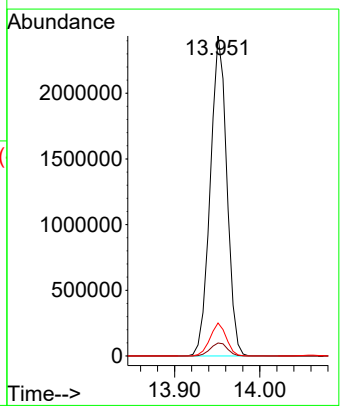


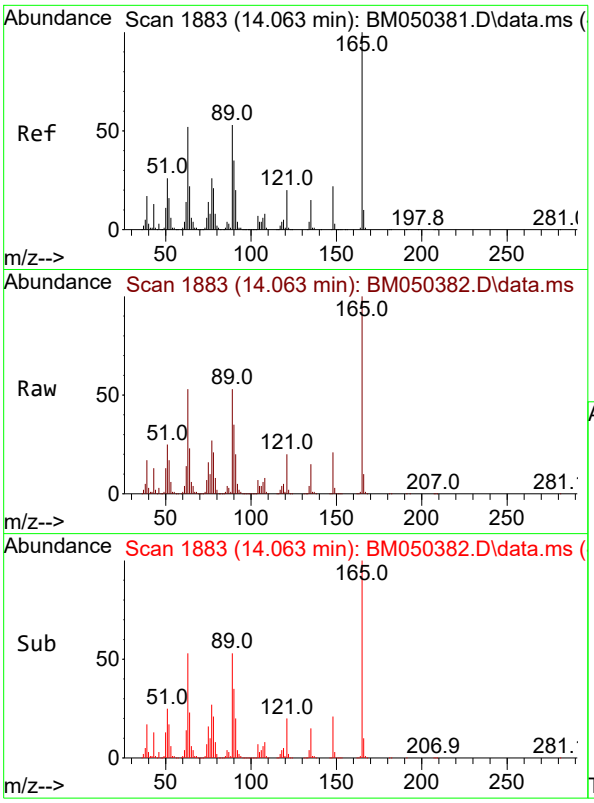


#50
Dimethylphthalate
Concen: 54.681 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:163 Resp: 3290612

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.2	12.2



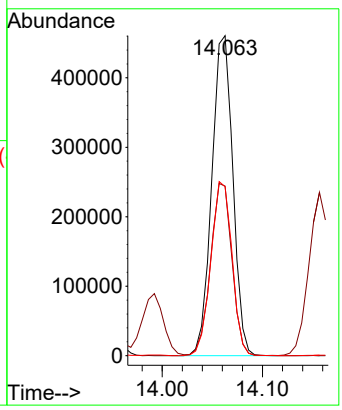


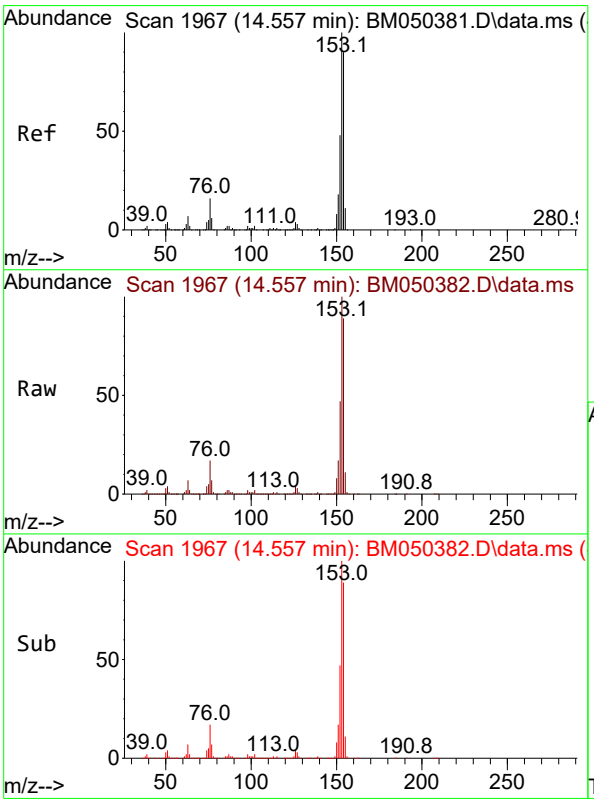
#51
2,6-Dinitrotoluene
Concen: 58.189 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 672335

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	52.8	42.2	63.2

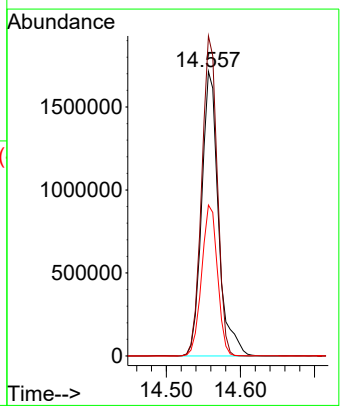


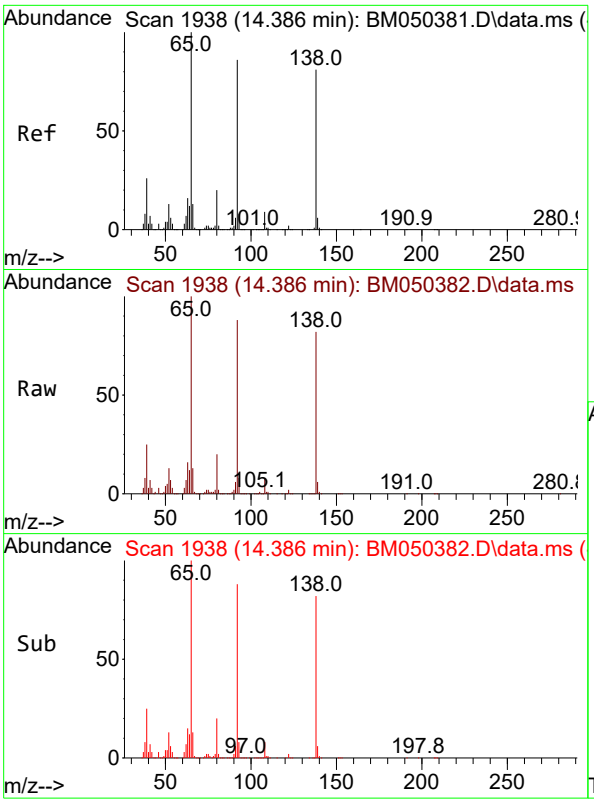


#52
Acenaphthene
Concen: 54.128 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:154 Resp: 2689063

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.2	133.8
152	53.0	42.6	64.0



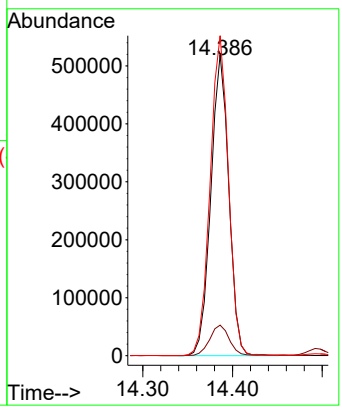


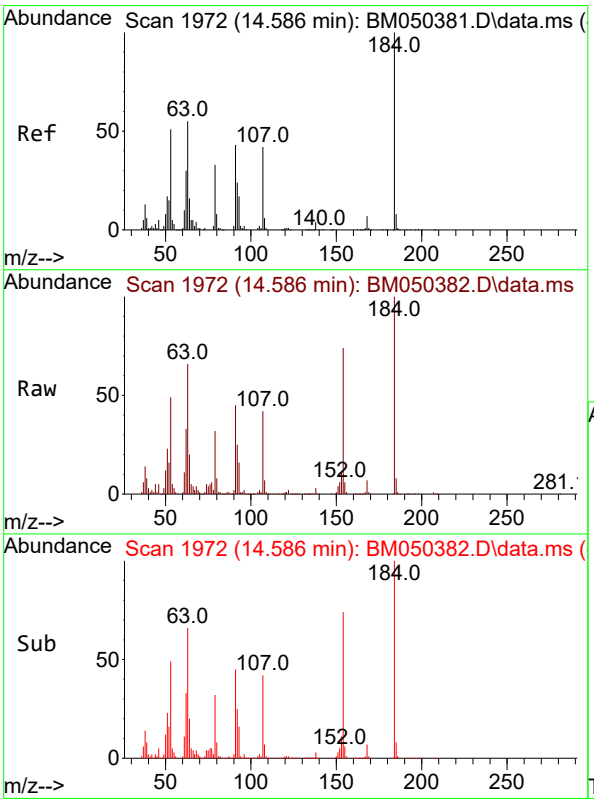
#53
3-Nitroaniline
Concen: 58.770 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 722162

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	106.3	85.0	127.6

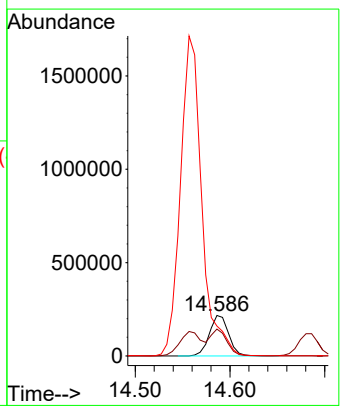


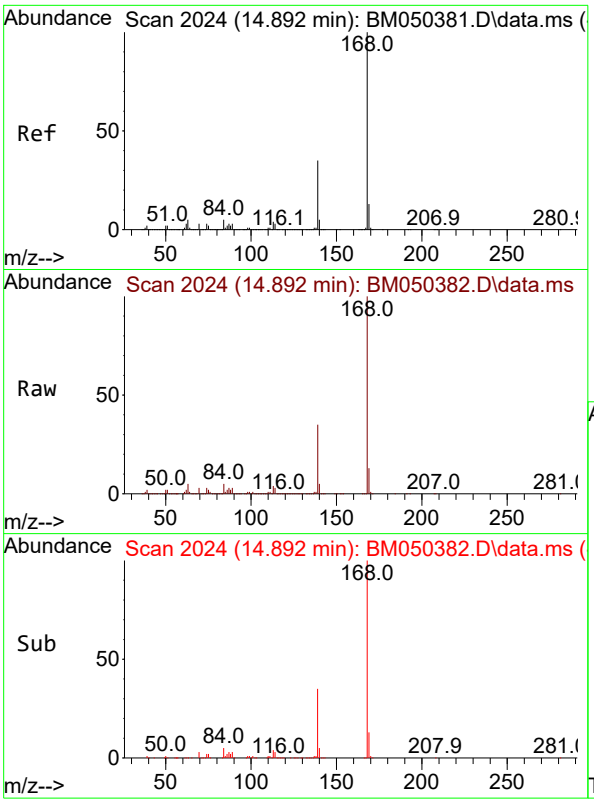


#54
2,4-Dinitrophenol
Concen: 50.427 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:184 Resp: 305096

Ion	Ratio	Lower	Upper
184	100		
63	66.4	53.4	80.0
154	74.1	61.6	92.4



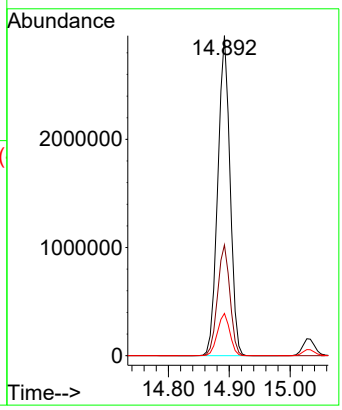


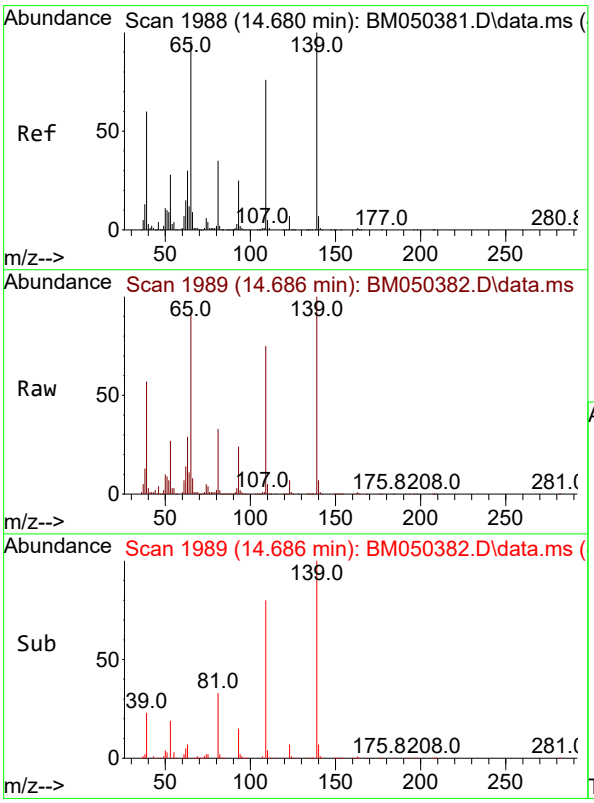
#55
Dibenzofuran
Concen: 53.680 ng
RT: 14.892 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 4109027

Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.7	41.5
169	13.2	10.7	16.1

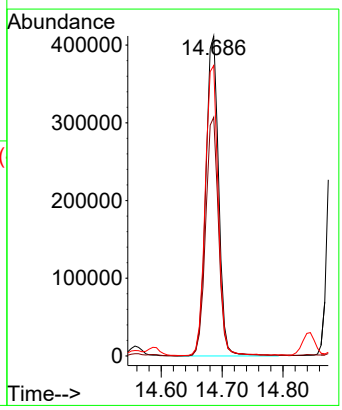


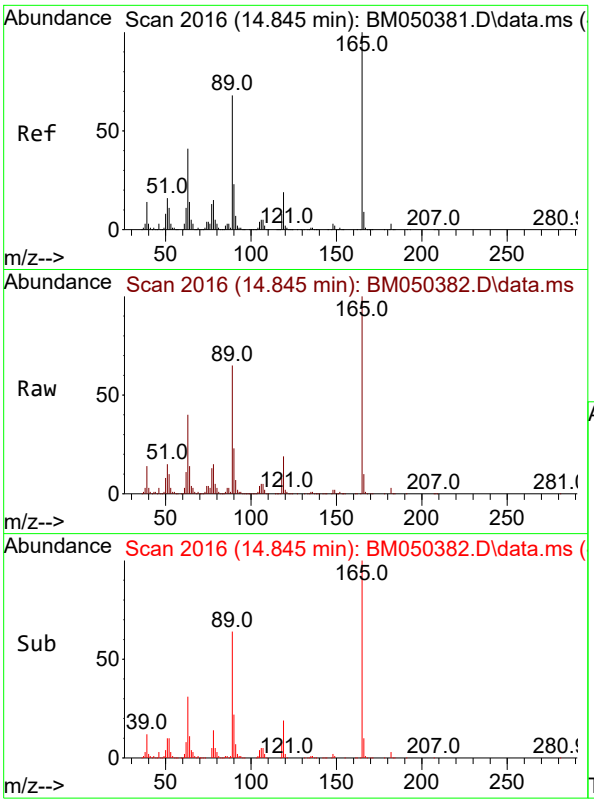


#56
4-Nitrophenol
Concen: 57.060 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:139 Resp: 602964

Ion	Ratio	Lower	Upper
139	100		
109	74.6	56.5	96.5
65	90.7	76.4	116.4



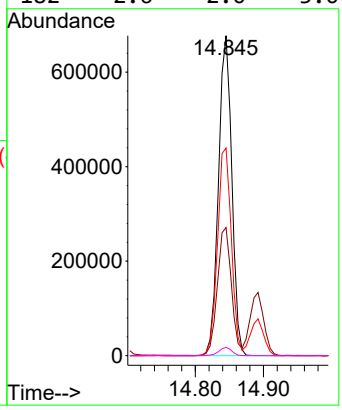


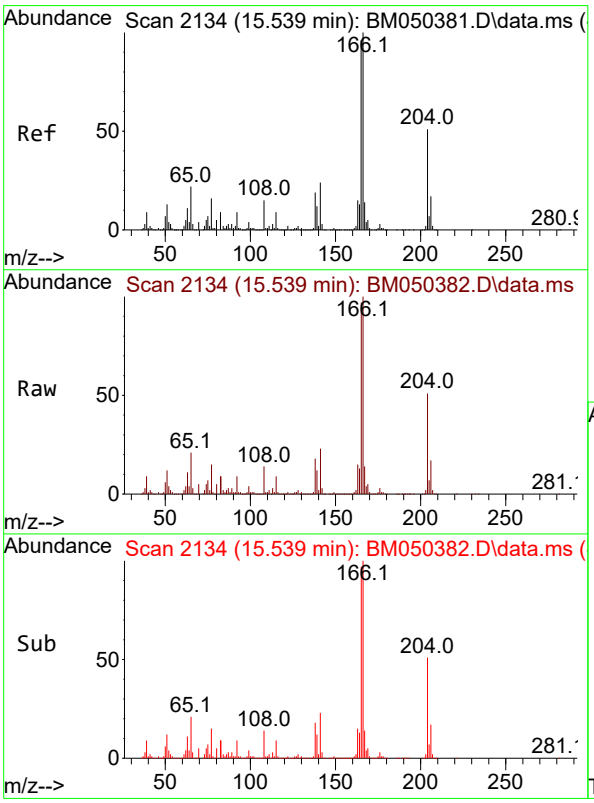
#57
2,4-Dinitrotoluene
Concen: 53.047 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 922804

Ion	Ratio	Lower	Upper
165	100		
63	40.1	32.5	48.7
89	64.9	54.0	81.0
182	2.6	2.0	3.0

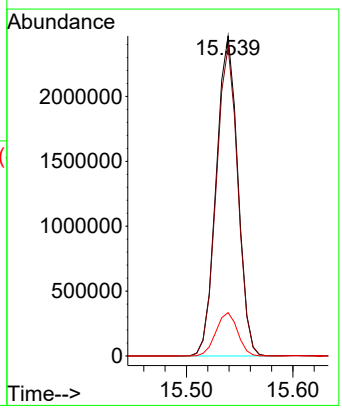


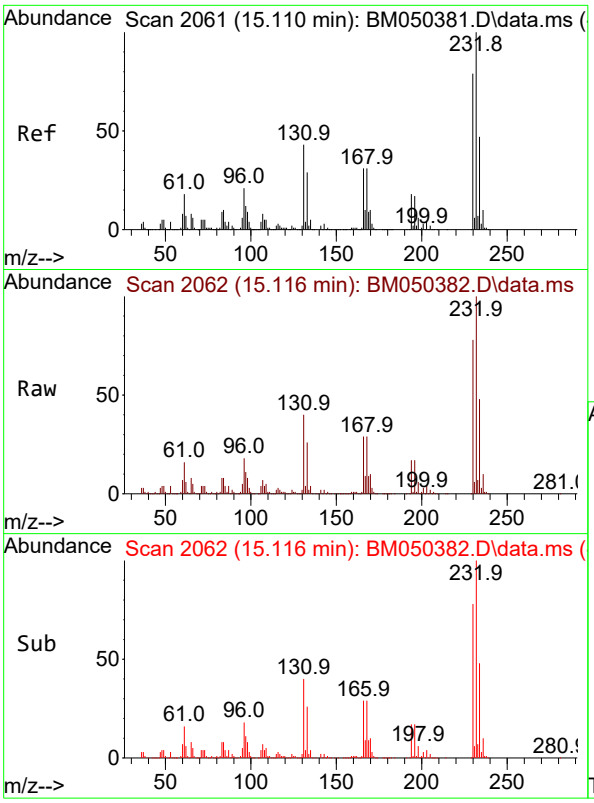


#58
Fluorene
Concen: 54.837 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:166 Resp: 3457484

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.0	115.6
167	13.5	10.9	16.3



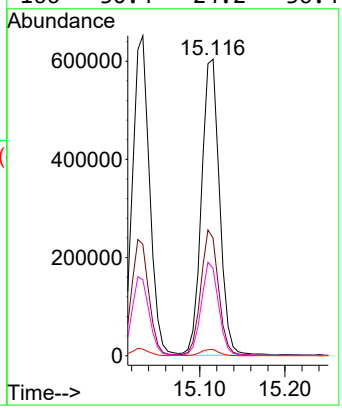


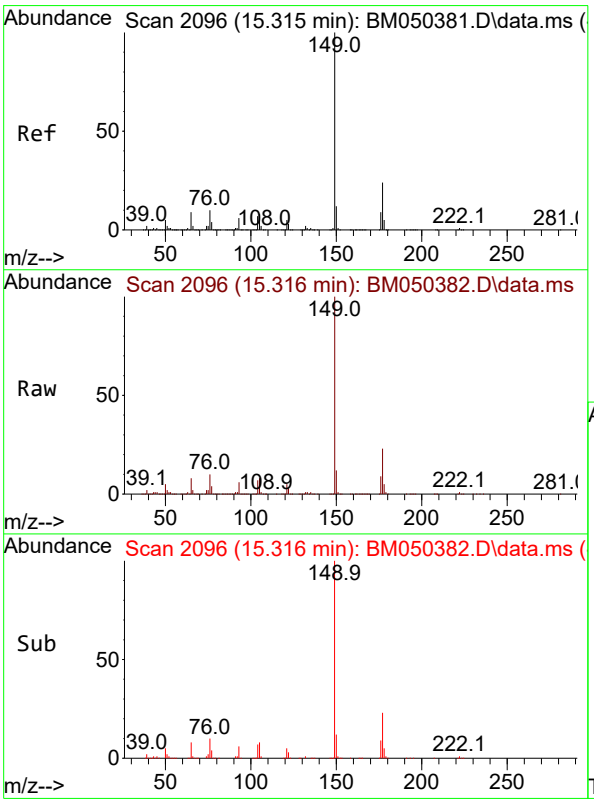
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.275 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 885196

Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.4	50.0
130	2.2	1.8	2.6
166	30.4	24.2	36.4

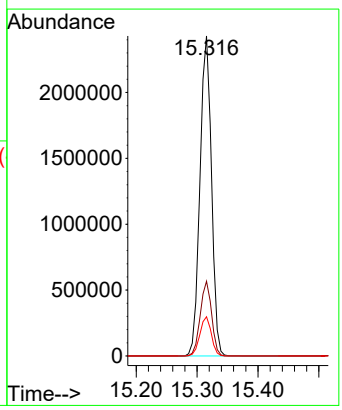


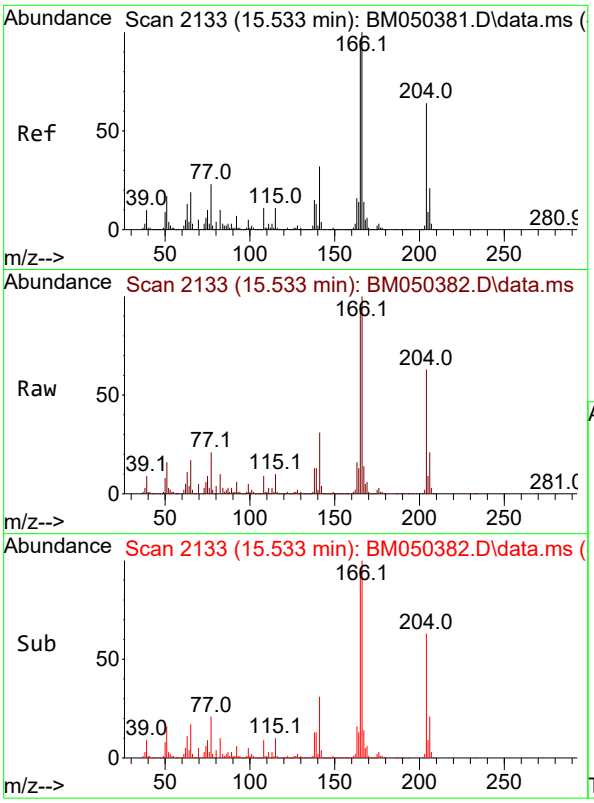


#60
Diethylphthalate
Concen: 55.265 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3176896

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.3	9.8	14.8



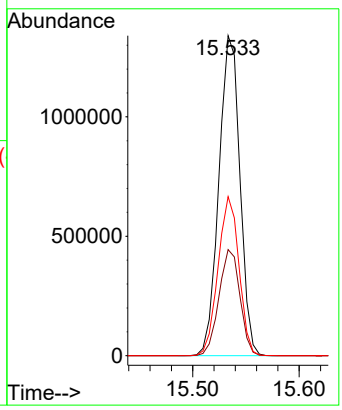


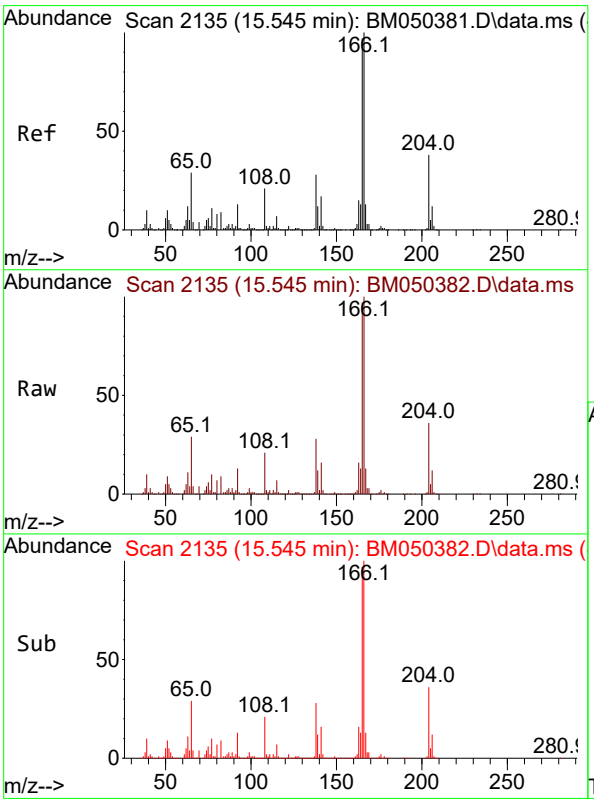
#61
4-Chlorophenyl-phenylether
Concen: 55.637 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1834247

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	49.7	39.9	59.9

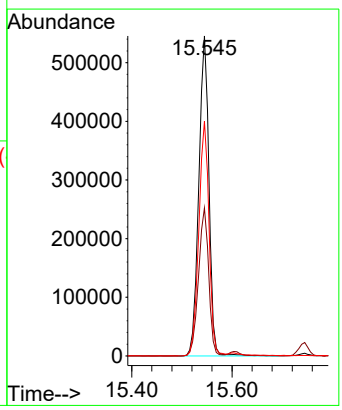


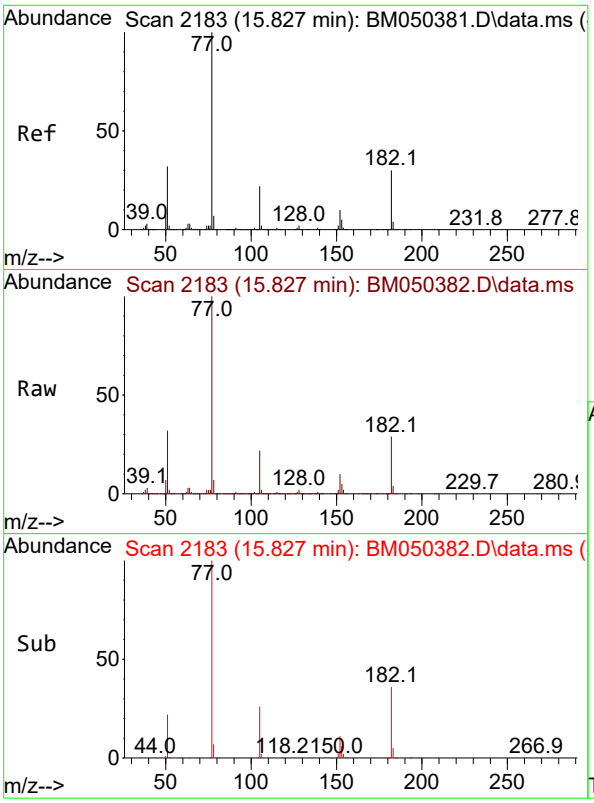


#62
4-Nitroaniline
Concen: 53.869 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:138 Resp: 765716

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	73.4	52.5	92.5



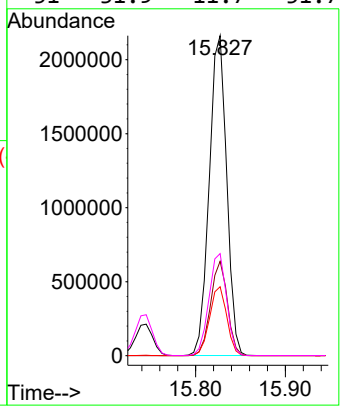


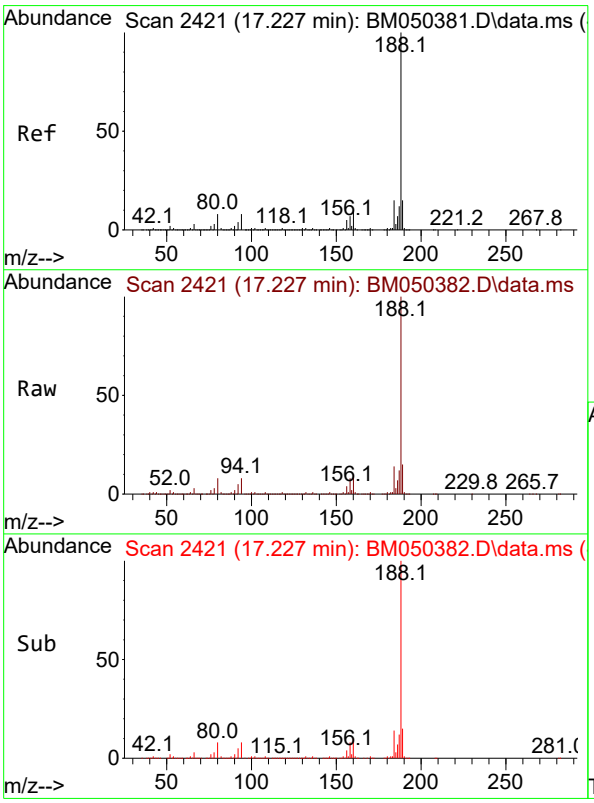
#63
Azobenzene
Concen: 55.274 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2917647

Ion	Ratio	Lower	Upper
77	100		
182	29.5	10.0	50.0
105	21.6	2.0	42.0
51	31.9	11.7	51.7

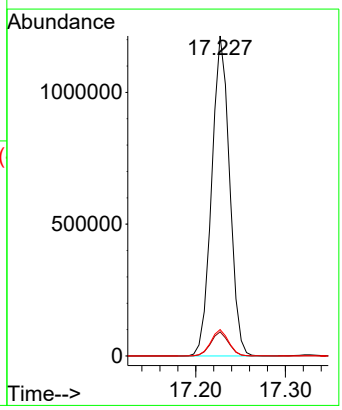


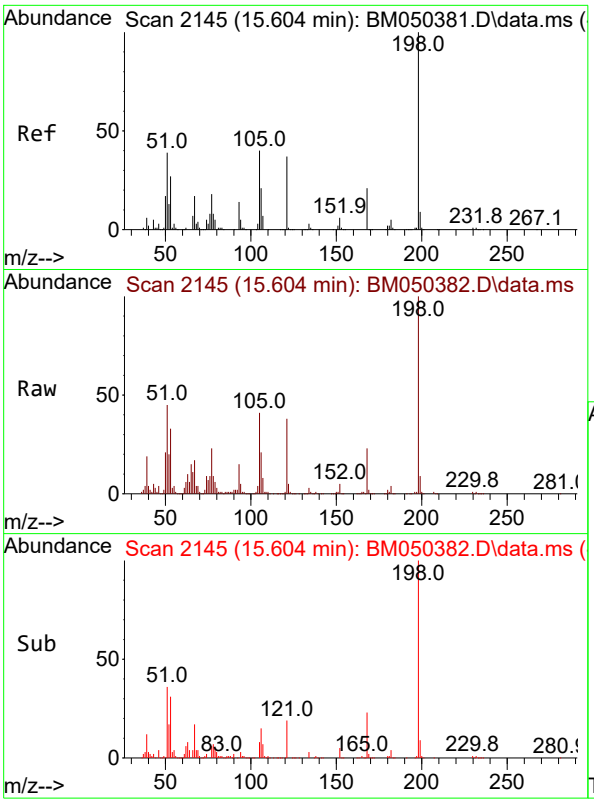


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:188 Resp: 1680679

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



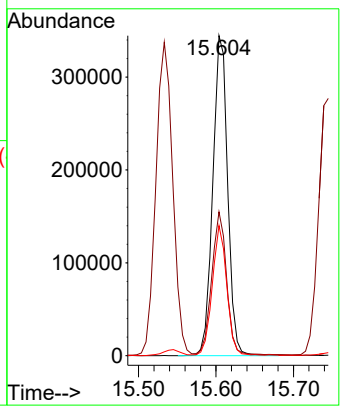


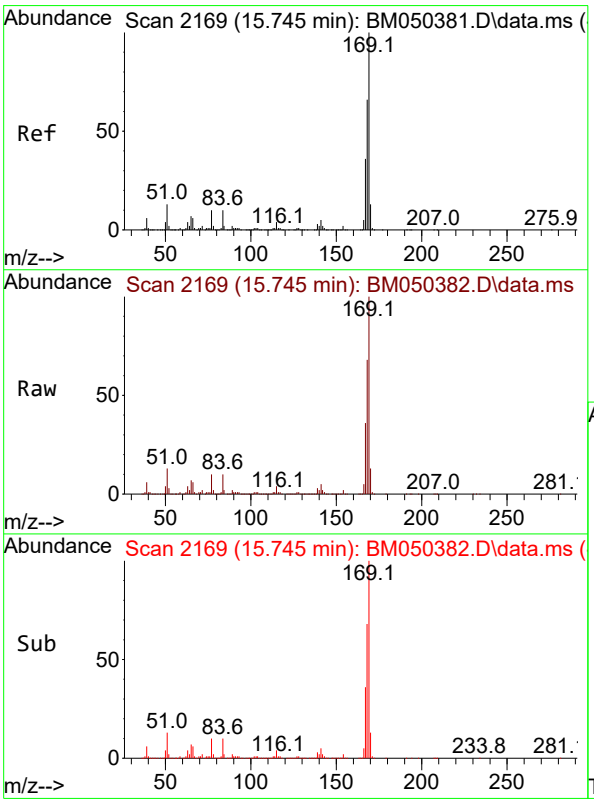
#65
4,6-Dinitro-2-methylphenol
Concen: 50.395 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 458700

Ion	Ratio	Lower	Upper
198	100		
51	45.0	26.6	66.6
105	40.6	20.9	60.9

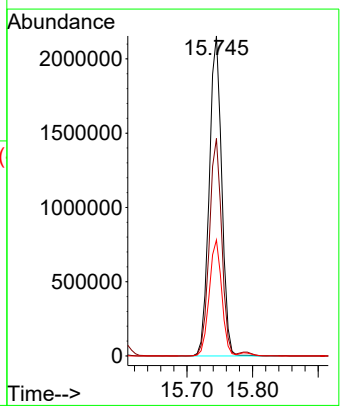


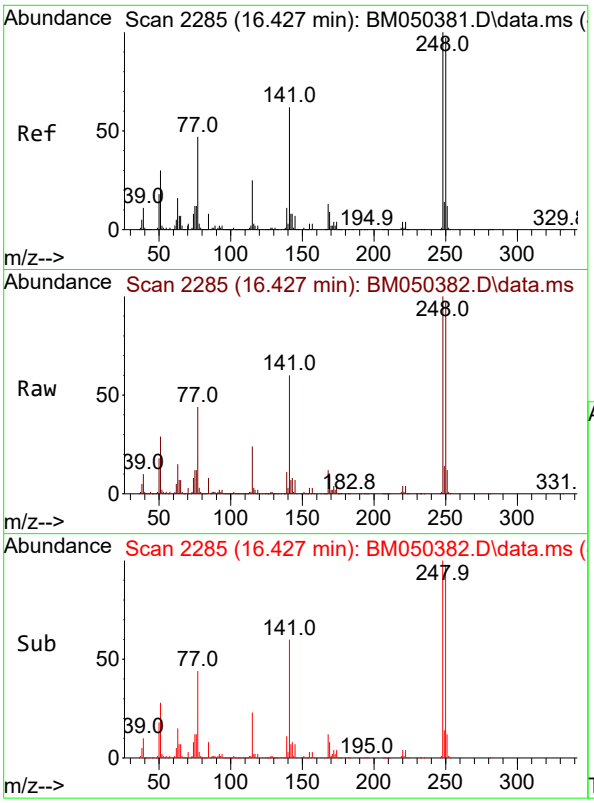


#66
n-Nitrosodiphenylamine
Concen: 54.137 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:169 Resp: 2847134

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.2	79.8
167	36.3	28.7	43.1



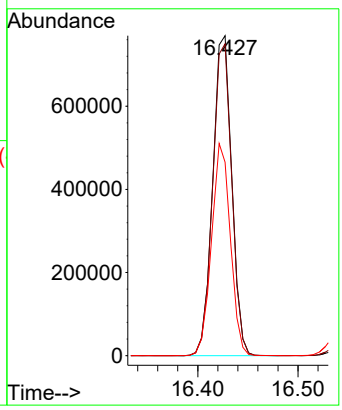


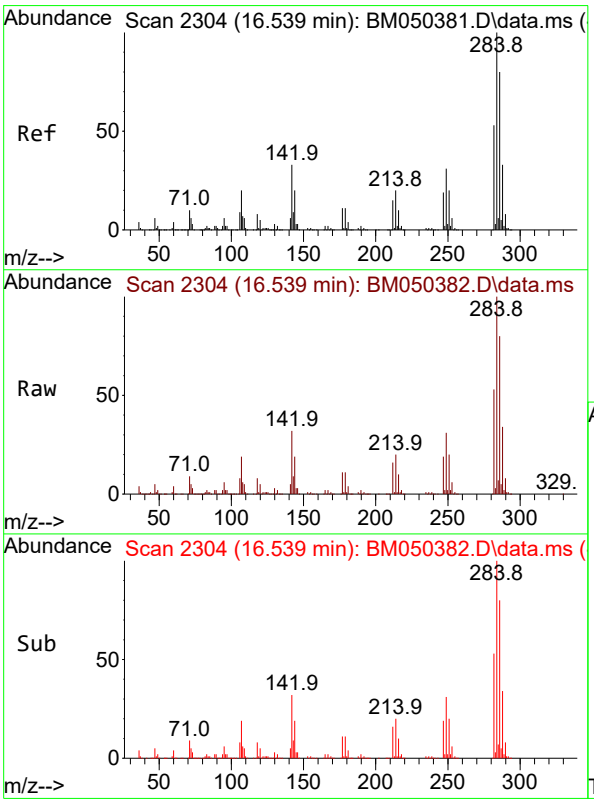
#67
4-Bromophenyl-phenylether
Concen: 54.881 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 1016241

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	60.5	49.7	74.5

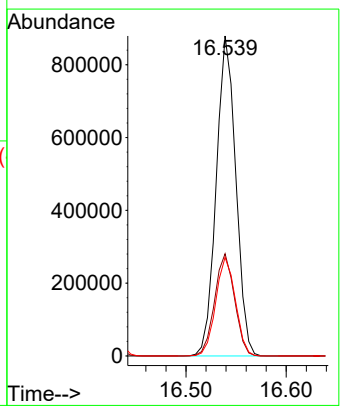


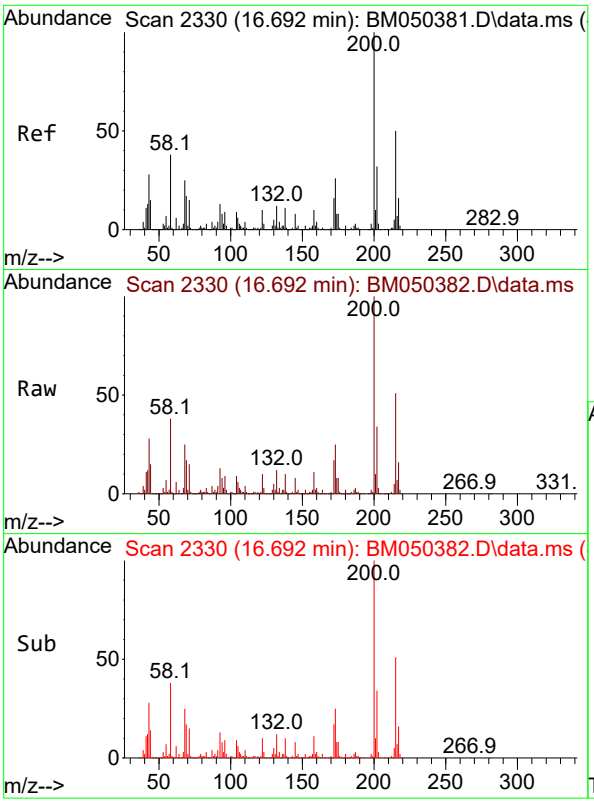


#68
Hexachlorobenzene
Concen: 54.420 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:284 Resp: 1190183

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.8	40.2
249	30.8	24.5	36.7



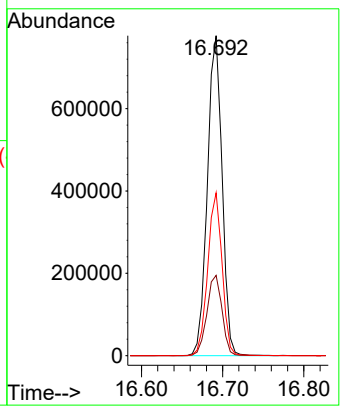


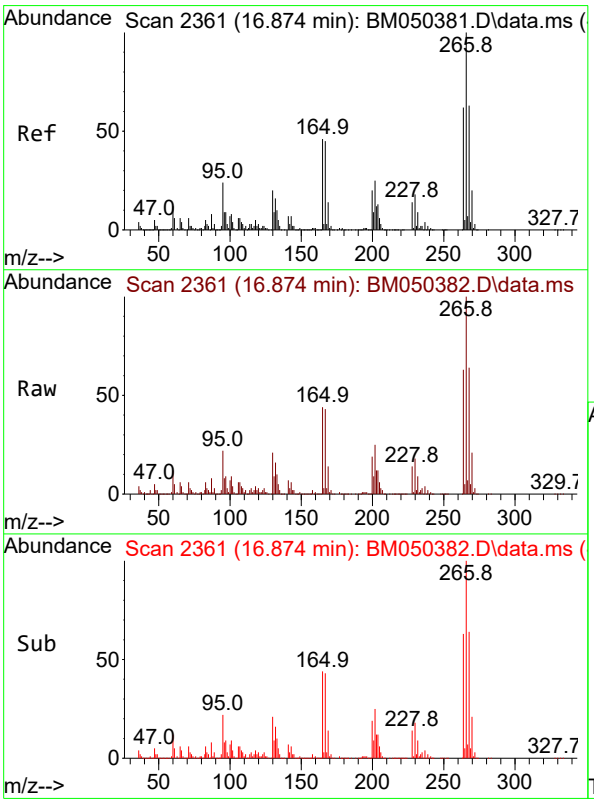
#69
Atrazine
Concen: 56.502 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 975743

Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.6	45.6
215	50.9	29.6	69.6

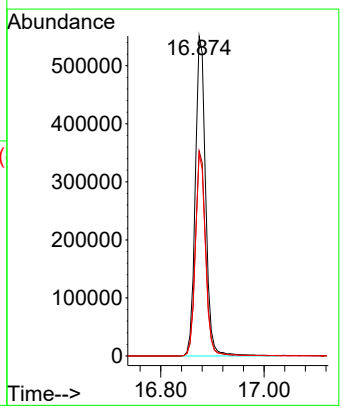


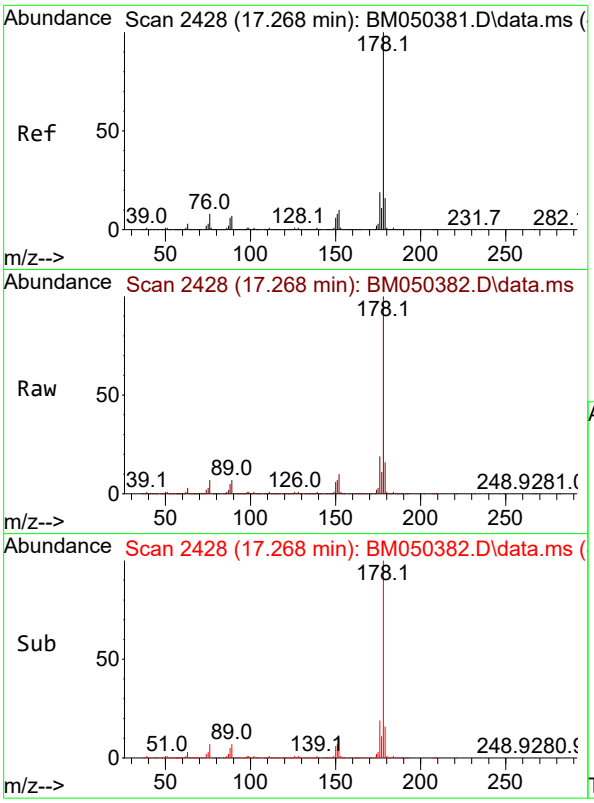


#70
Pentachlorophenol
Concen: 55.986 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:266 Resp: 762216

Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.5	75.7
264	63.4	49.9	74.9



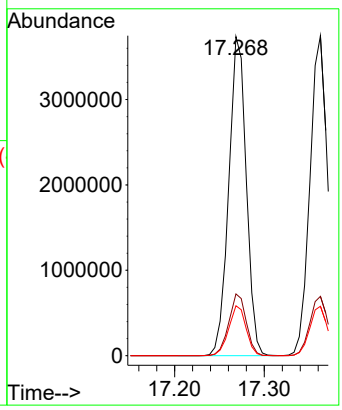


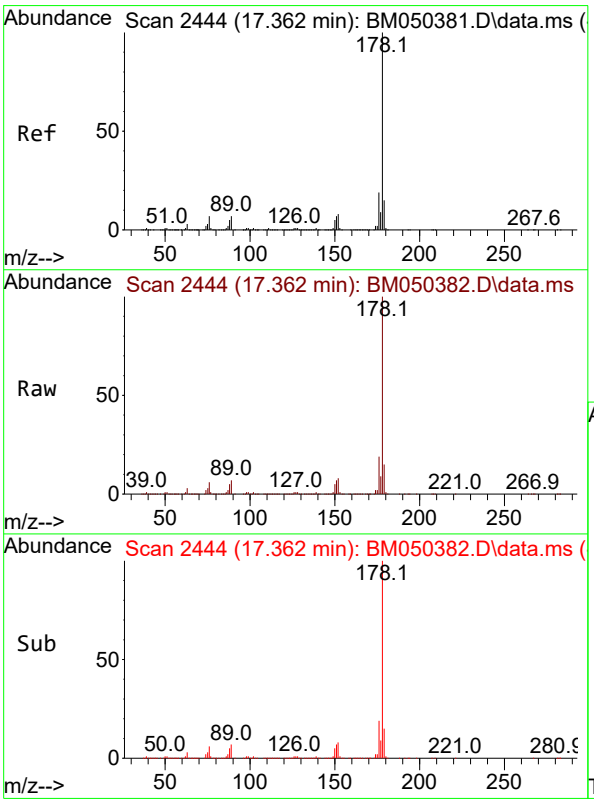
#71
Phenanthrene
Concen: 53.293 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 5068282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.6	12.5	18.7

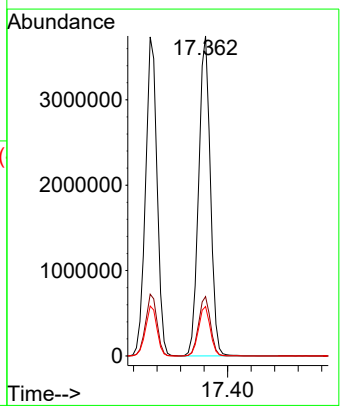


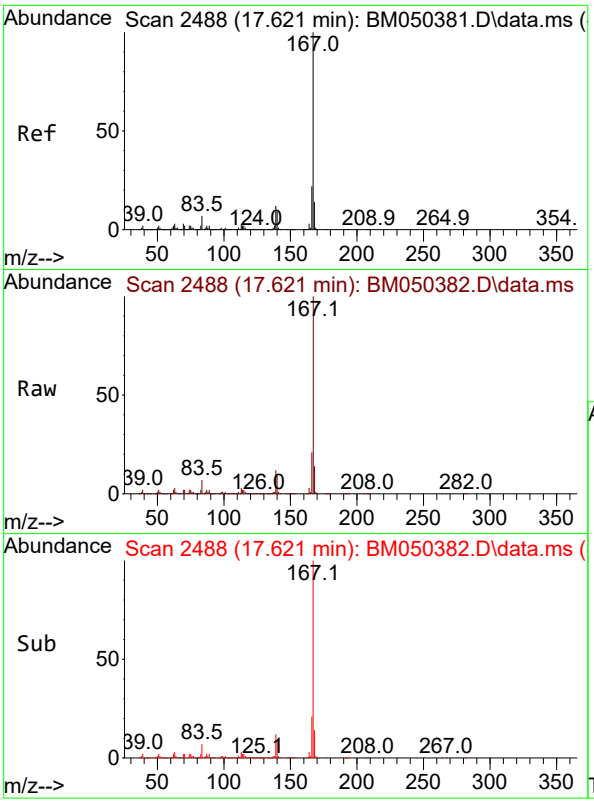


#72
Anthracene
Concen: 54.717 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:178 Resp: 5179830

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.2	18.4



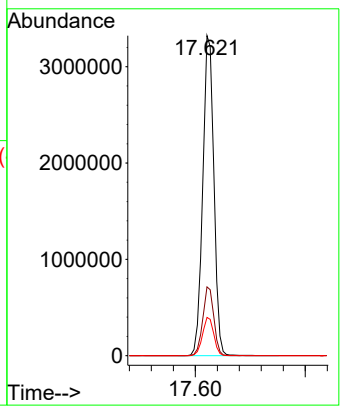


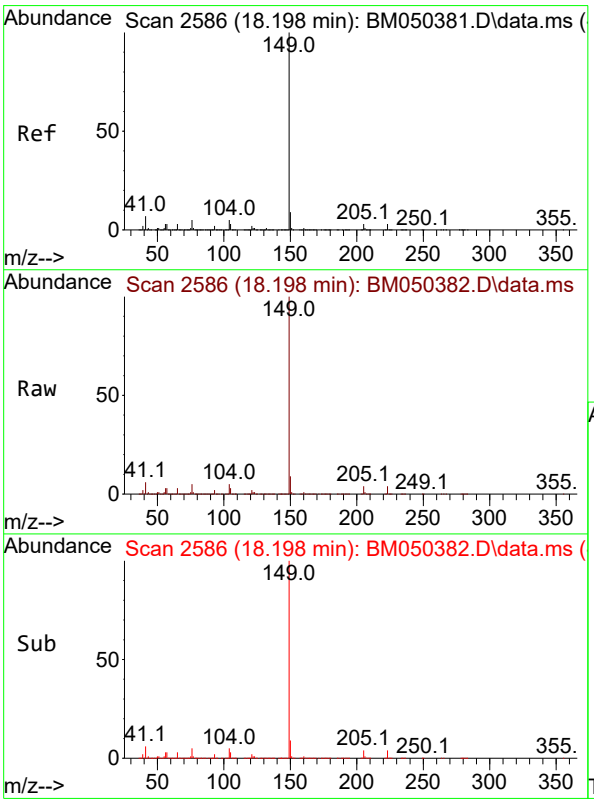
#73
Carbazole
Concen: 54.372 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 4657232

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.0	9.9	14.9

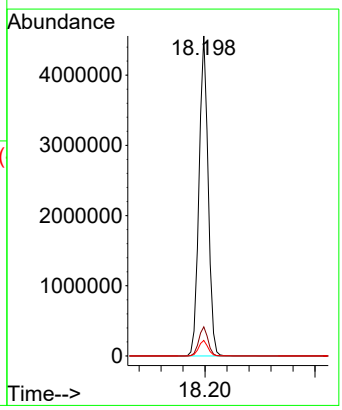


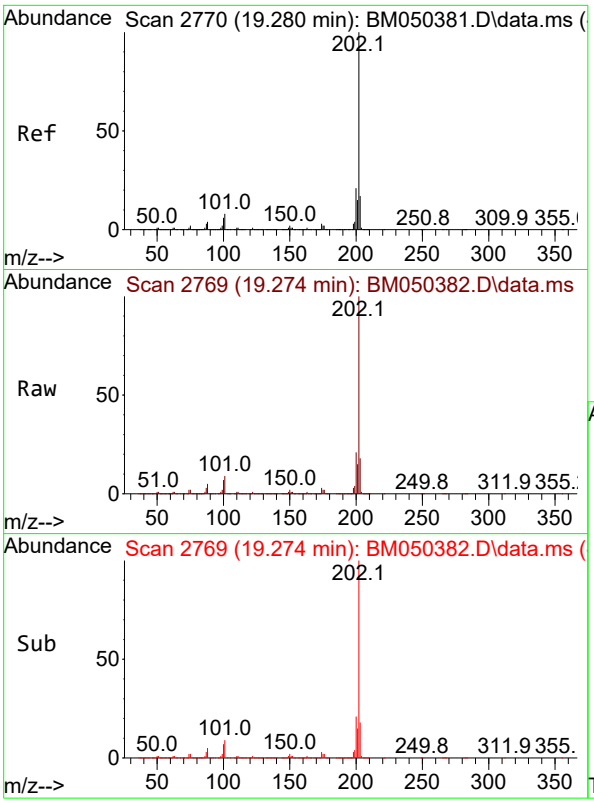


#74
Di-n-butylphthalate
Concen: 56.091 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 5258750

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.8	3.9	5.9



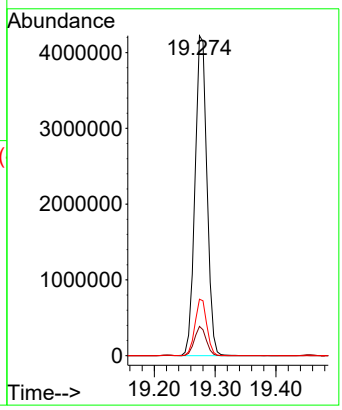


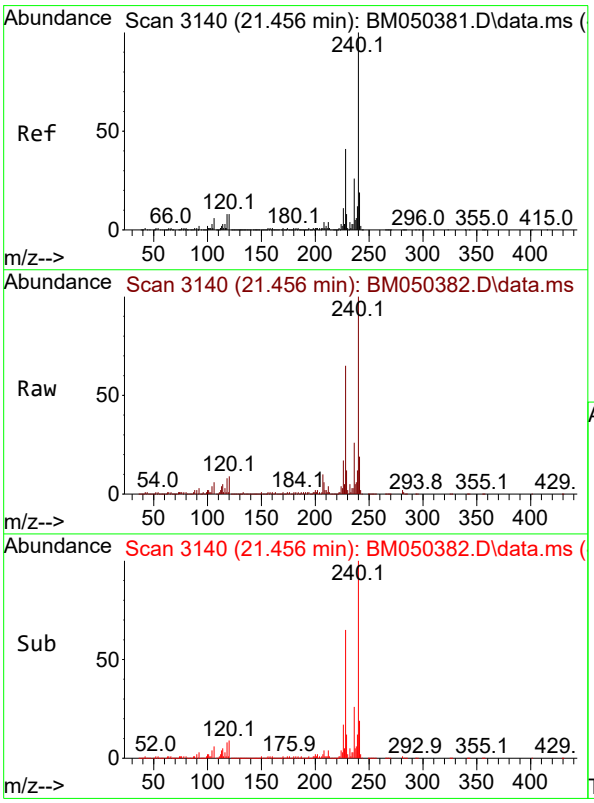
#75
Fluoranthene
Concen: 55.500 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 5737944

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	28.3
203	17.7	0.0	37.2

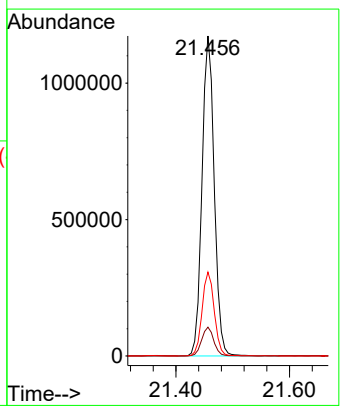


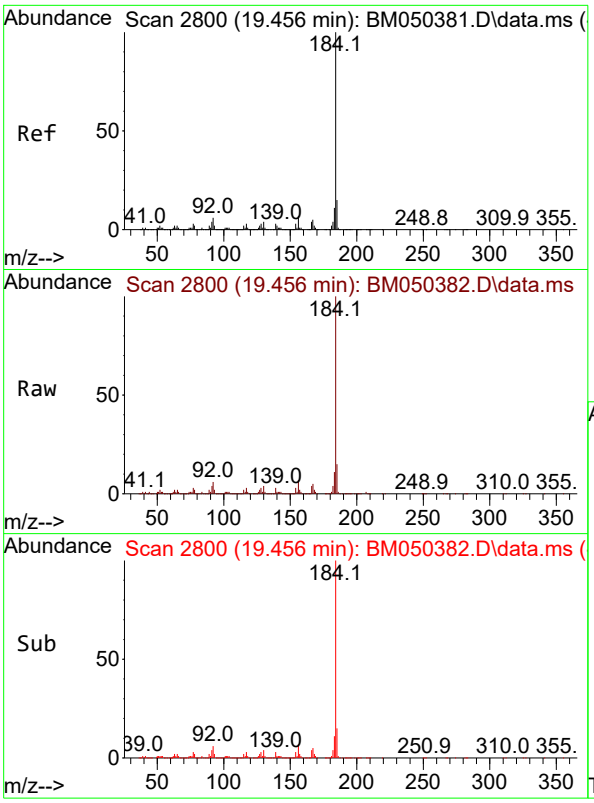


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:240 Resp: 1747476

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	26.2	20.7	31.1



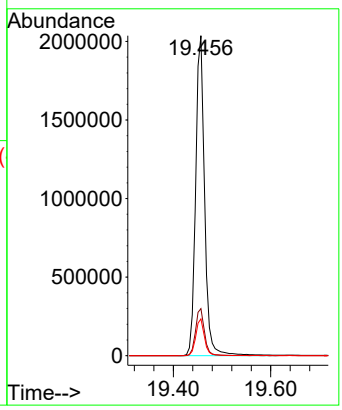


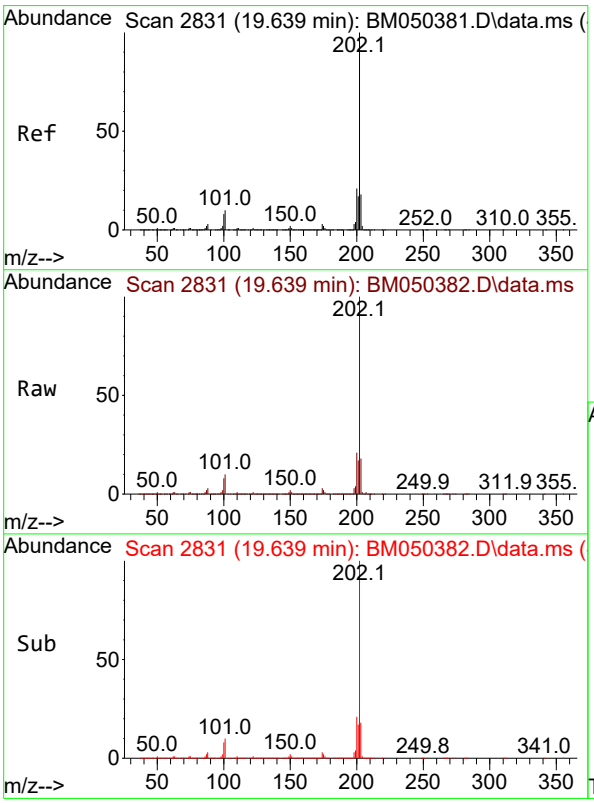
#77
Benzidine
Concen: 58.920 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2626171

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.5	9.0	13.6

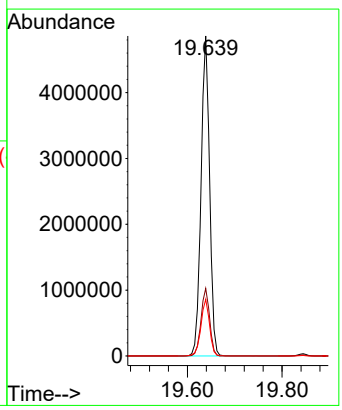


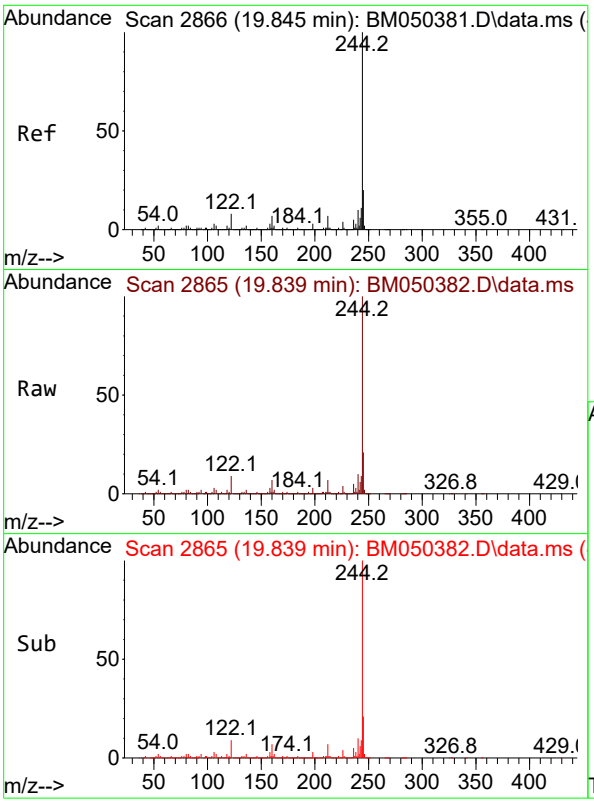


#78
Pyrene
Concen: 54.187 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:202 Resp: 6064476

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



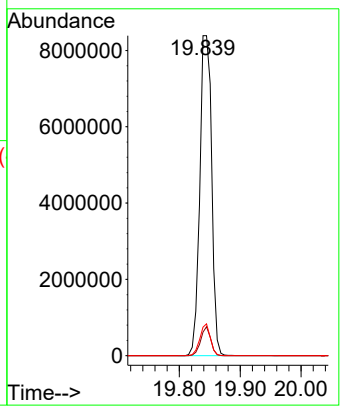


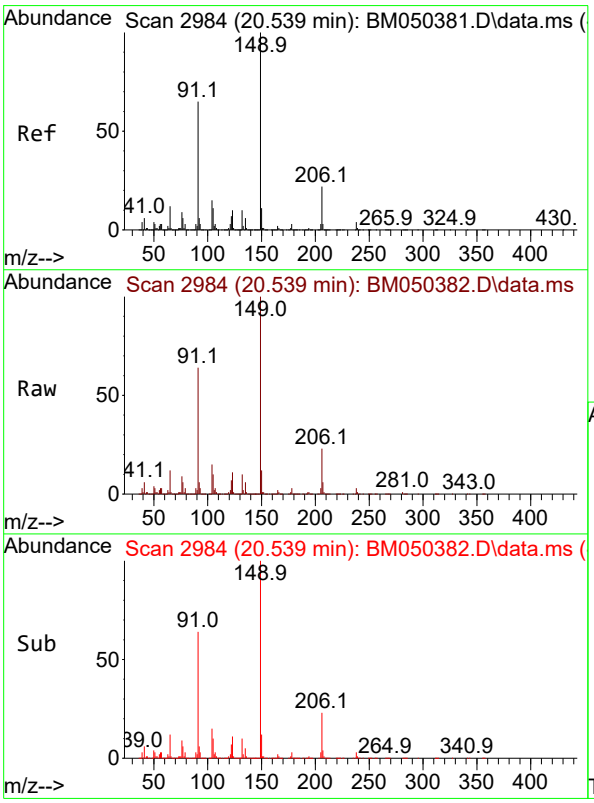
#79
Terphenyl-d14
Concen: 114.147 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp:11336982

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	8.9	6.2	9.2

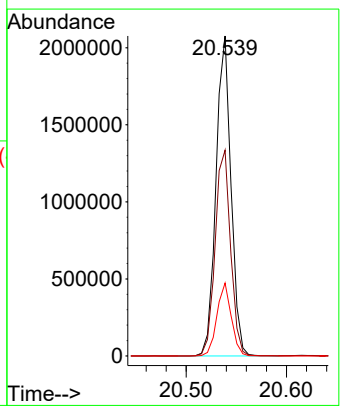


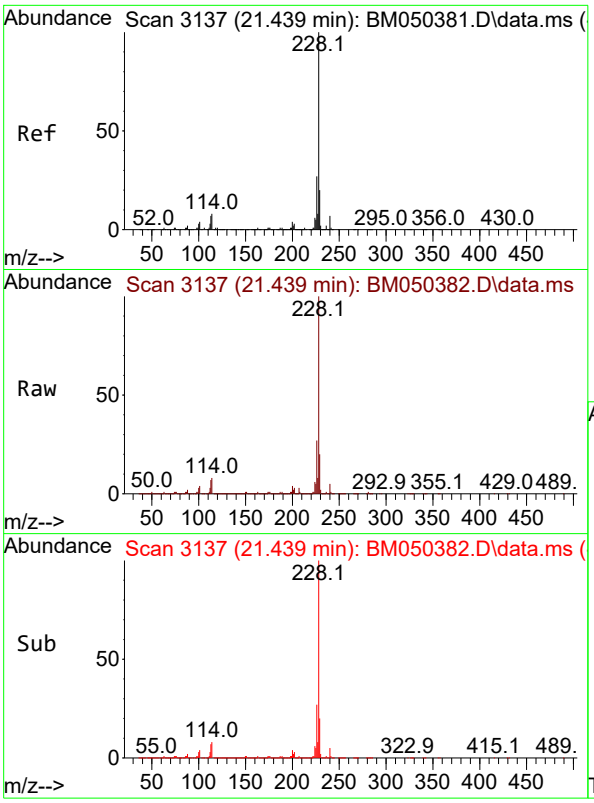


#80
Butylbenzylphthalate
Concen: 58.284 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 2150816

Ion	Ratio	Lower	Upper
149	100		
91	64.3	51.6	77.4
206	22.8	17.8	26.8



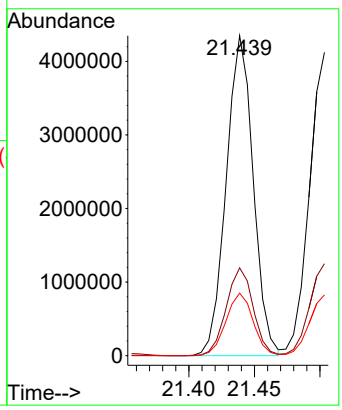


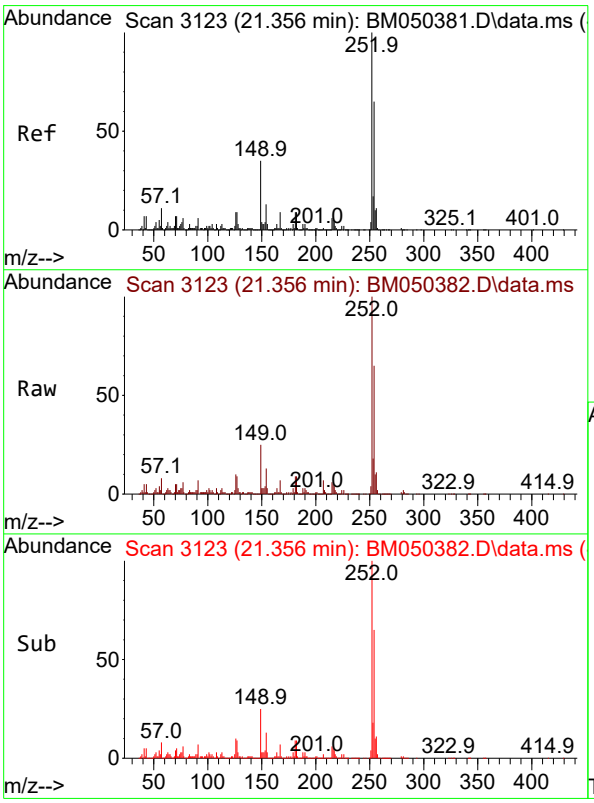
#81
Benzo(a)anthracene
Concen: 54.793 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 6238737

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	19.6	16.0	24.0

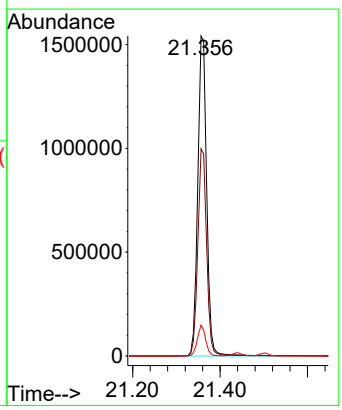


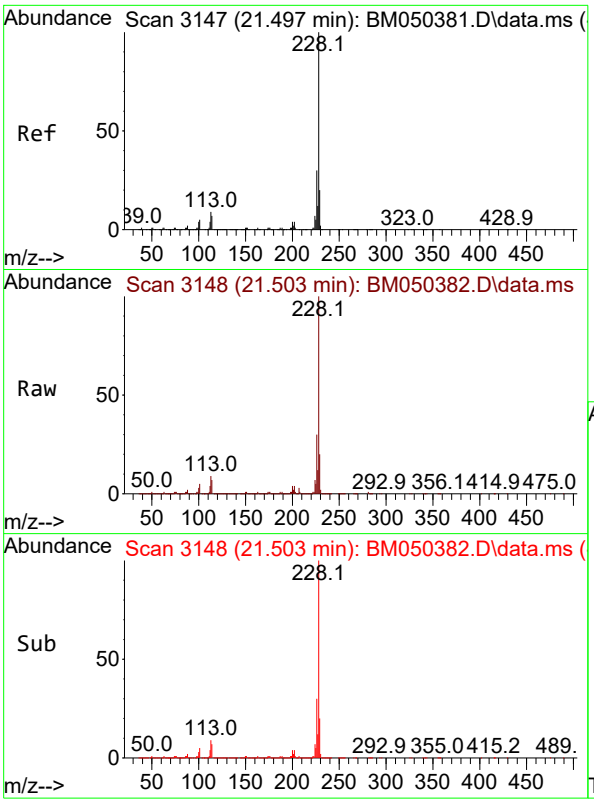


#82
3,3'-Dichlorobenzidine
Concen: 56.690 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 2176770

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	9.6	7.3	10.9



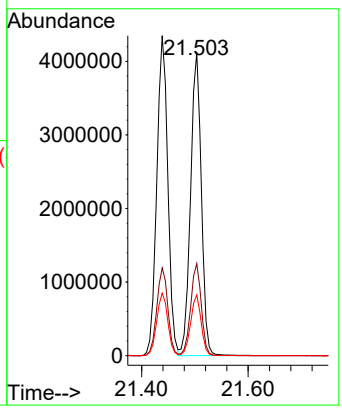


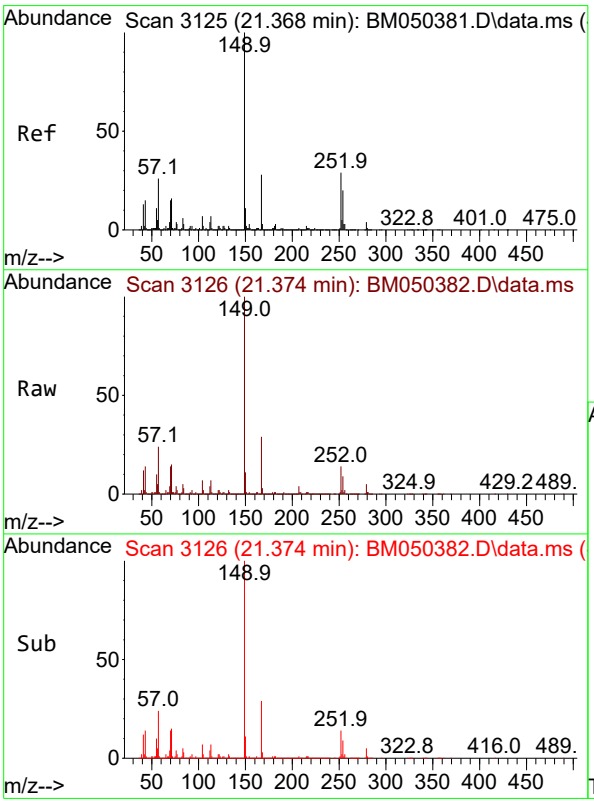
#83
Chrysene
Concen: 53.988 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 5797980

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	20.1	15.8	23.6

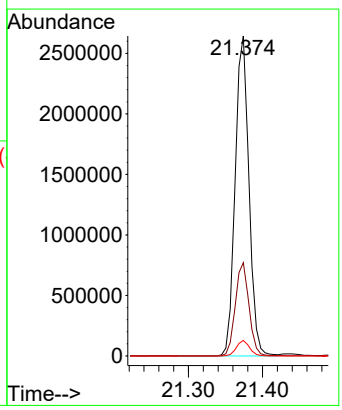


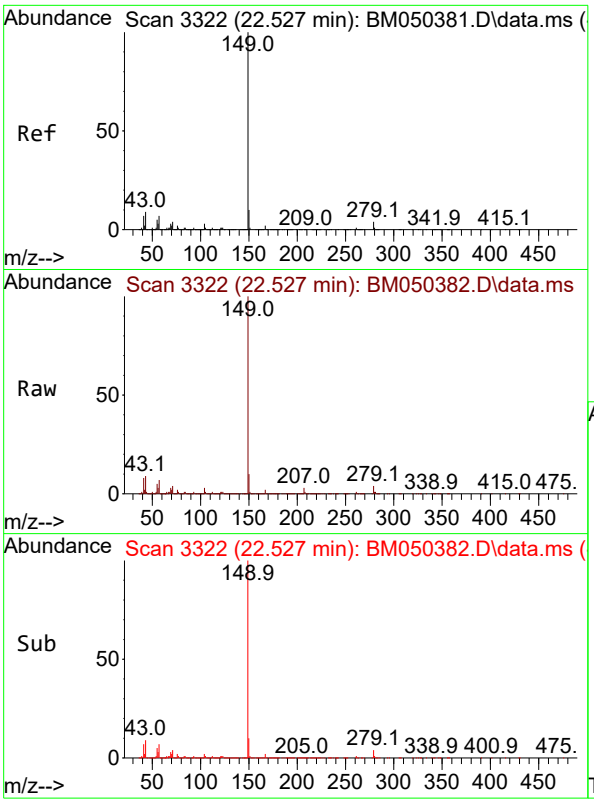


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.166 ng
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:149 Resp: 3407481

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.9	3.5	5.3



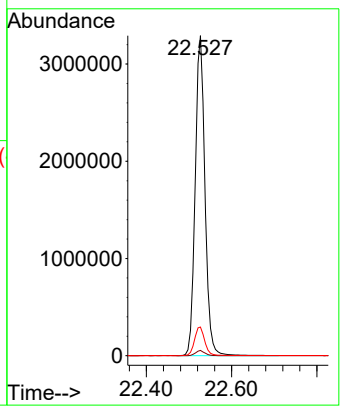


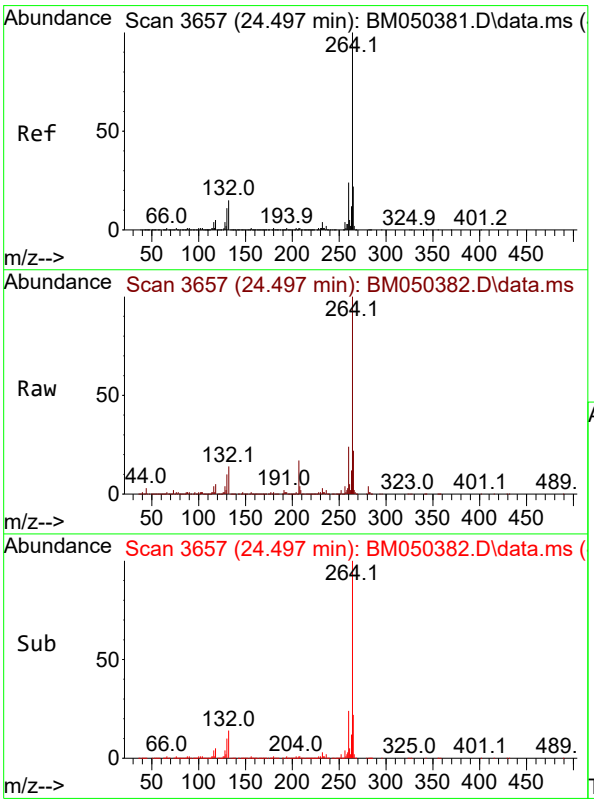
#85
Di-n-octyl phthalate
Concen: 56.816 ng
RT: 22.527 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5213026

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5

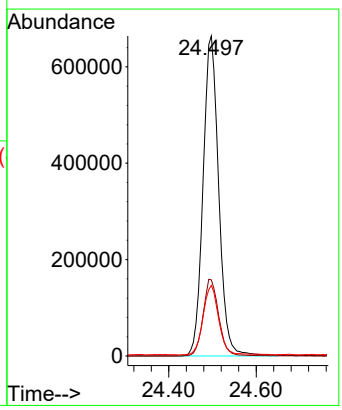


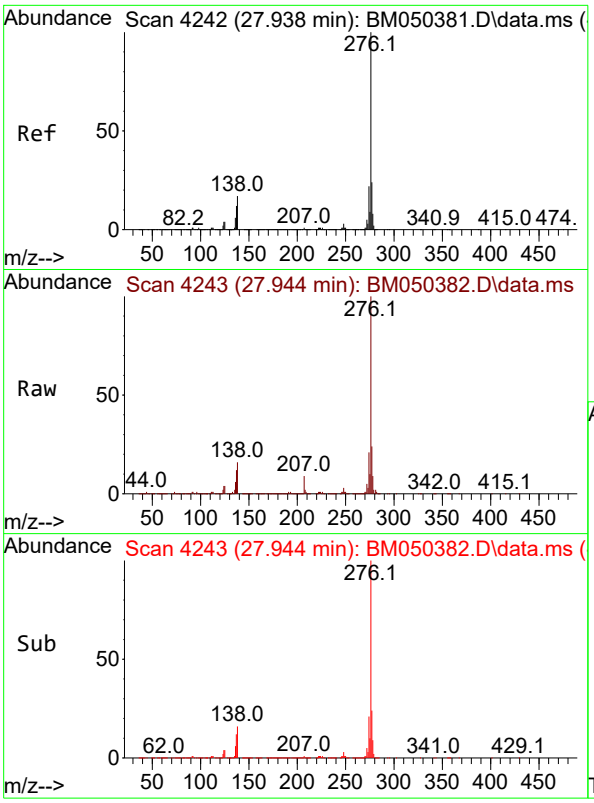


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:264 Resp: 1657543

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.8	26.6



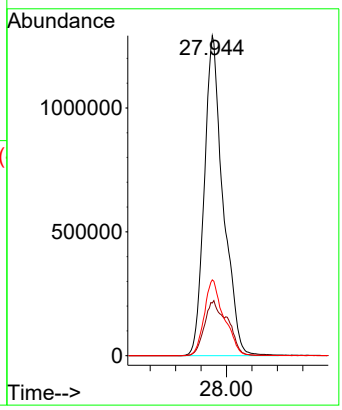


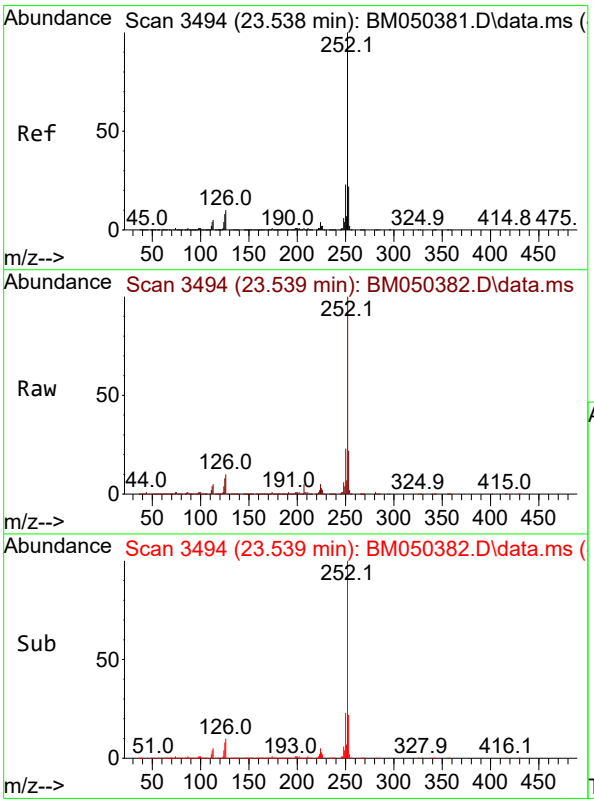
#87
Indeno(1,2,3-cd)pyrene
Concen: 56.349 ng
RT: 27.944 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 6640722

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	24.9	20.0	30.0

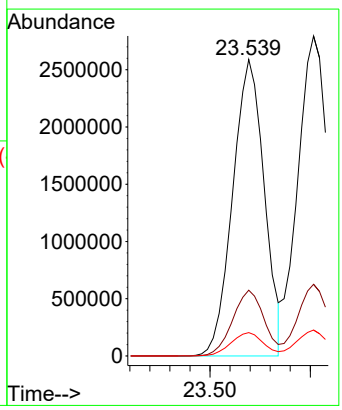


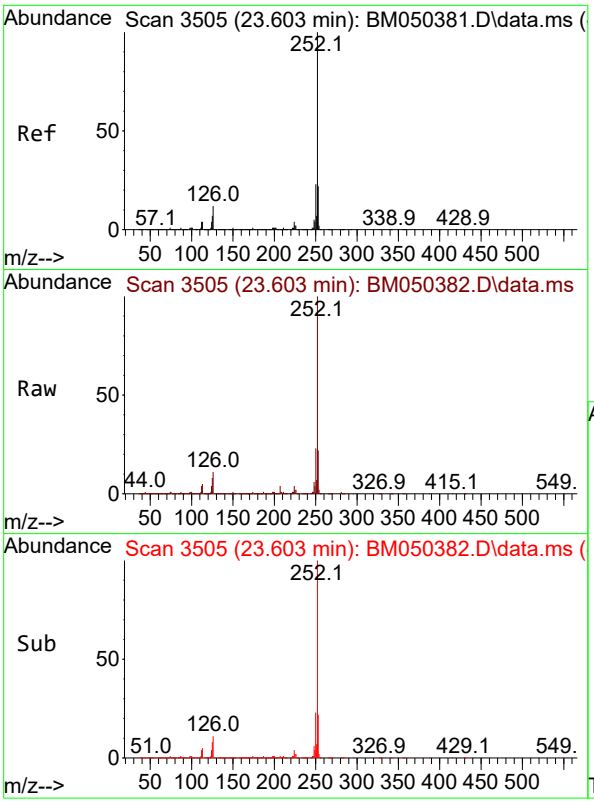


#88
Benzo(b)fluoranthene
Concen: 55.588 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5667484

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.9	6.3	9.5



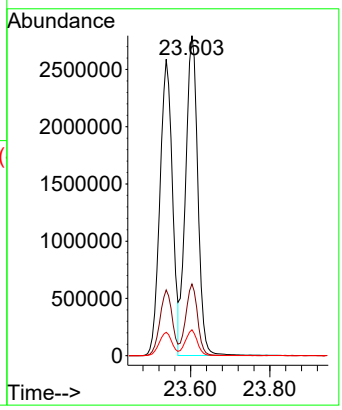


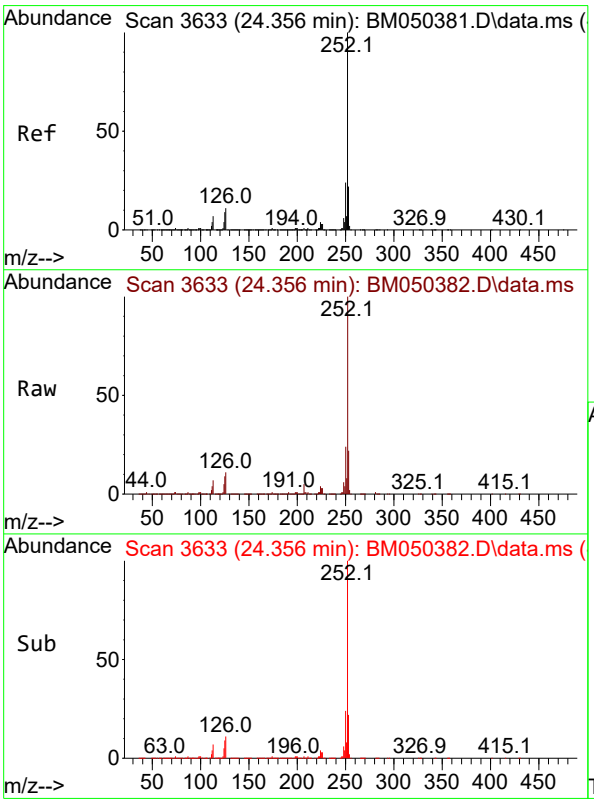
#89
Benzo(k)fluoranthene
Concen: 56.568 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 5984419

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.1	6.2	9.2

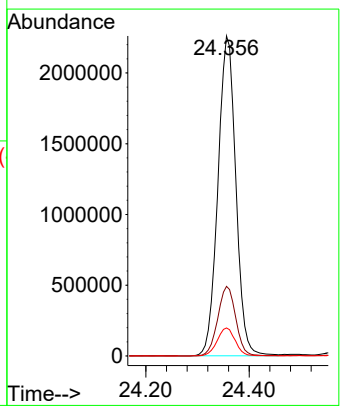


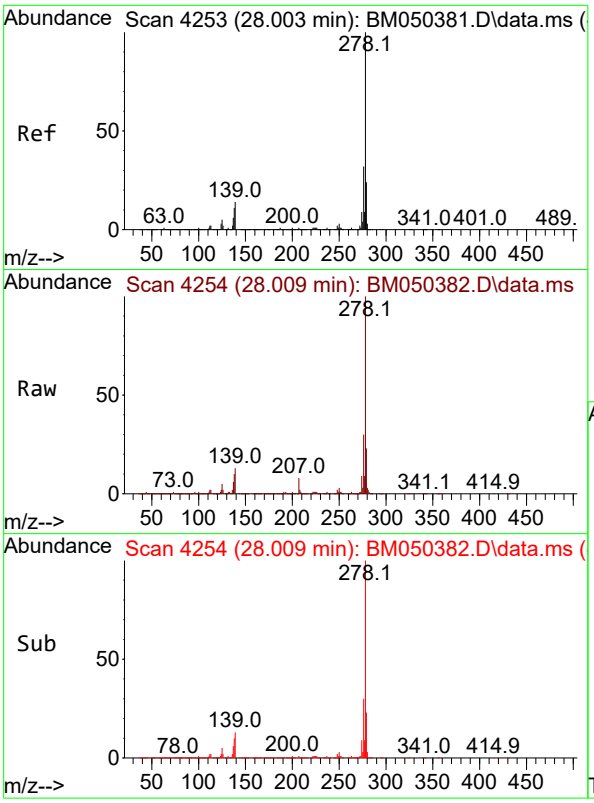


#90
Benzo(a)pyrene
Concen: 57.054 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:252 Resp: 5445326

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.7	7.0	10.4



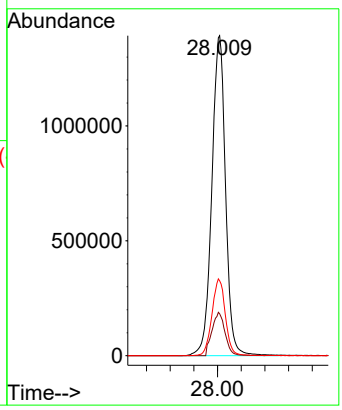


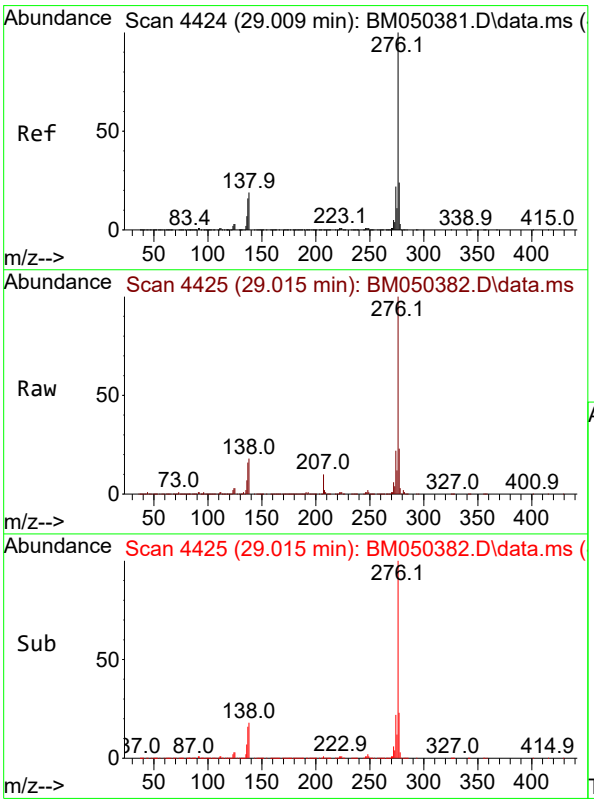
#91
Dibenzo(a,h)anthracene
Concen: 56.460 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 5603613

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

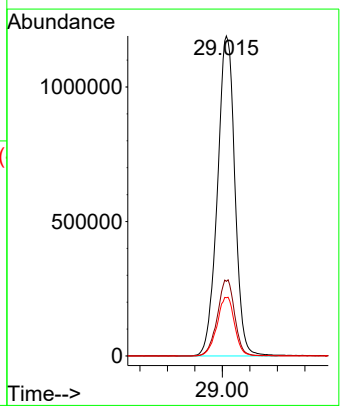




#92
Benzo(g,h,i)perylene
Concen: 55.817 ng
RT: 29.015 min Scan# 4425
Delta R.T. 0.006 min
Lab File: BM050382.D
Acq: 08 Jul 2025 16:01

Tgt Ion:276 Resp: 5235761

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.1	28.7
138	18.2	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	406200	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1566187	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	998713	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1896999	20.000	ng	0.00
76) Chrysene-d12	21.456	240	1968054	20.000	ng	0.00
86) Perylene-d12	24.497	264	1889317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2930103	124.166	ng	0.00
7) Phenol-d6	7.028	99	3771036	126.766	ng	0.00
23) Nitrobenzene-d5	9.022	82	3898203	126.983	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1680132	138.460	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	10167533	125.724	ng	0.00
79) Terphenyl-d14	19.839	244	12914894	115.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	578083	59.574	ng	99
3) Pyridine	3.734	79	1558687	61.184	ng	98
4) n-Nitrosodimethylamine	3.640	42	725301	61.070	ng	98
6) Aniline	7.193	93	2421019	63.416	ng	99
8) 2-Chlorophenol	7.428	128	1585370	63.712	ng	99
9) Benzaldehyde	7.004	77	845390	47.768	ng	99
10) Phenol	7.051	94	1946908	62.748	ng	99
11) bis(2-Chloroethyl)ether	7.287	93	1544784	62.169	ng	99
12) 1,3-Dichlorobenzene	7.757	146	1841011	60.846	ng	98
13) 1,4-Dichlorobenzene	7.904	146	1874083	60.660	ng	99
14) 1,2-Dichlorobenzene	8.222	146	1809670	61.182	ng	99
15) Benzyl Alcohol	8.098	79	1328453	63.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.393	45	2219161	60.631	ng	100
17) 2-Methylphenol	8.304	107	1277440	63.479	ng	98
18) Hexachloroethane	8.951	117	678042	62.403	ng	99
19) n-Nitroso-di-n-propyla...	8.675	70	1180119	65.485	ng	96
20) 3+4-Methylphenols	8.634	107	1697411	62.832	ng	98
22) Acetophenone	8.687	105	2408904	61.517	ng	98
24) Nitrobenzene	9.063	77	1702957	62.165	ng	99
25) Isophorone	9.592	82	3190767	64.054	ng	99
26) 2-Nitrophenol	9.775	139	783612	70.186	ng	97
27) 2,4-Dimethylphenol	9.834	122	1490764	62.749	ng	98
28) bis(2-Chloroethoxy)met...	10.075	93	2048832	62.070	ng	99
29) 2,4-Dichlorophenol	10.310	162	1570701	64.353	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	1810982	62.024	ng	99
31) Naphthalene	10.716	128	4834692	60.775	ng	100
32) Benzoic acid	9.975	122	912053	60.734	ng	99
33) 4-Chloroaniline	10.810	127	2130451	63.348	ng	99
34) Hexachlorobutadiene	11.010	225	1123283	63.032	ng	99
35) Caprolactam	11.598	113	438205	65.768	ng	95
36) 4-Chloro-3-methylphenol	11.939	107	1472646	64.612	ng	98
37) 2-Methylnaphthalene	12.322	142	3153595	62.784	ng	98
38) 1-Methylnaphthalene	12.539	142	3322331	62.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2046472	64.436	ng	99
41) Hexachlorocyclopentadiene	12.680	237	1359023	66.942	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1299719	66.483	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	1407280	65.913	ng	98
46) 1,1'-Biphenyl	13.333	154	4574537	61.736	ng	100
47) 2-Chloronaphthalene	13.375	162	3645124	61.699	ng	99
48) 2-Nitroaniline	13.563	65	904021	68.554	ng	98
49) Acenaphthylene	14.216	152	5618754	62.931	ng	99
50) Dimethylphthalate	13.957	163	4291046	62.407	ng	99
51) 2,6-Dinitrotoluene	14.063	165	891260	67.510	ng	99
52) Acenaphthene	14.557	154	3582059	63.105	ng	100
53) 3-Nitroaniline	14.386	138	957239	68.179	ng	98
54) 2,4-Dinitrophenol	14.592	184	439445	61.898	ng	85
55) Dibenzofuran	14.892	168	5344109	61.102	ng	100
56) 4-Nitrophenol	14.686	139	794516	65.804	ng	95
57) 2,4-Dinitrotoluene	14.845	165	1218665	60.887	ng	98
58) Fluorene	15.539	166	4560797	63.309	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1189838	66.202	ng	99
60) Diethylphthalate	15.316	149	4130183	62.882	ng	100
61) 4-Chlorophenyl-phenyle...	15.533	204	2430909	64.533	ng	98
62) 4-Nitroaniline	15.545	138	991212	60.686	ng	99
63) Azobenzene	15.827	77	3812033	63.206	ng	100
65) 4,6-Dinitro-2-methylph...	15.610	198	645034	61.235	ng	91
66) n-Nitrosodiphenylamine	15.745	169	3744872	63.087	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	1368680	65.485	ng	99
68) Hexachlorobenzene	16.539	284	1586965	64.288	ng	98
69) Atrazine	16.692	200	1296405	66.510	ng	100
70) Pentachlorophenol	16.880	266	1022433	66.535	ng	99
71) Phenanthrene	17.268	178	6618592	61.658	ng	100
72) Anthracene	17.363	178	6849285	64.102	ng	100
73) Carbazole	17.627	167	6106388	63.161	ng	99
74) Di-n-butylphthalate	18.198	149	6920453	65.398	ng	100
75) Fluoranthene	19.280	202	7618952	65.290	ng	99
77) Benzidine	19.456	184	3256422	64.872	ng	100
78) Pyrene	19.639	202	8067941	64.009	ng	100
80) Butylbenzylphthalate	20.533	149	2900200	69.782	ng	97
81) Benzo(a)anthracene	21.439	228	8142088	63.495	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	2878037	66.553	ng	100
83) Chrysene	21.503	228	7690956	63.587	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	4504059	68.268	ng	98
85) Di-n-octyl phthalate	22.521	149	7047940	68.206	ng	99
87) Indeno(1,2,3-cd)pyrene	27.950	276	8866549	66.007	ng	99
88) Benzo(b)fluoranthene	23.539	252	7617485	65.548	ng	99
89) Benzo(k)fluoranthene	23.603	252	7861158	65.192	ng	100
90) Benzo(a)pyrene	24.356	252	7260855	66.744	ng	99
91) Dibenzo(a,h)anthracene	28.009	278	7483970	66.155	ng	99
92) Benzo(g,h,i)perylene	29.021	276	6983867	65.319	ng	99

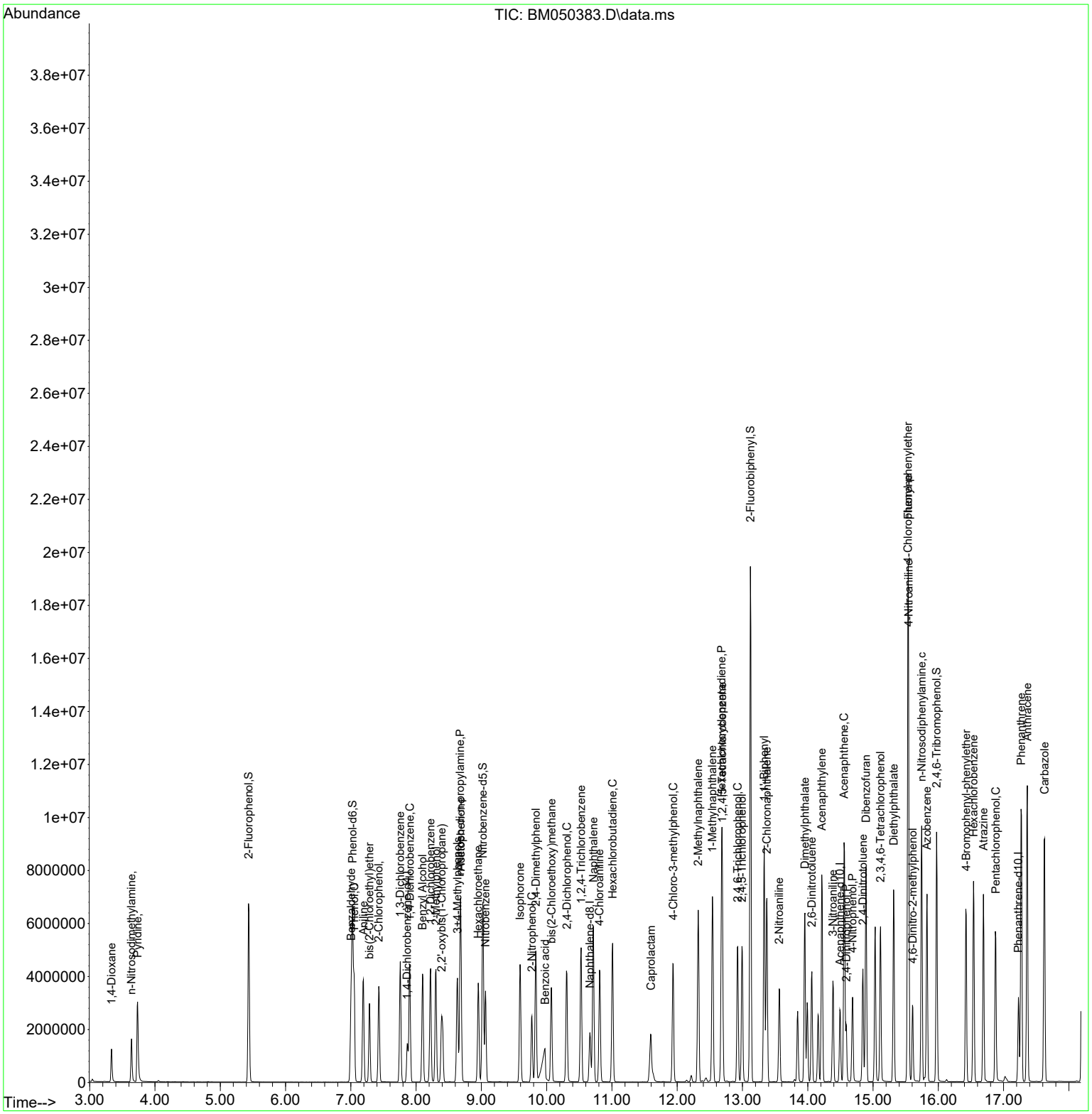
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

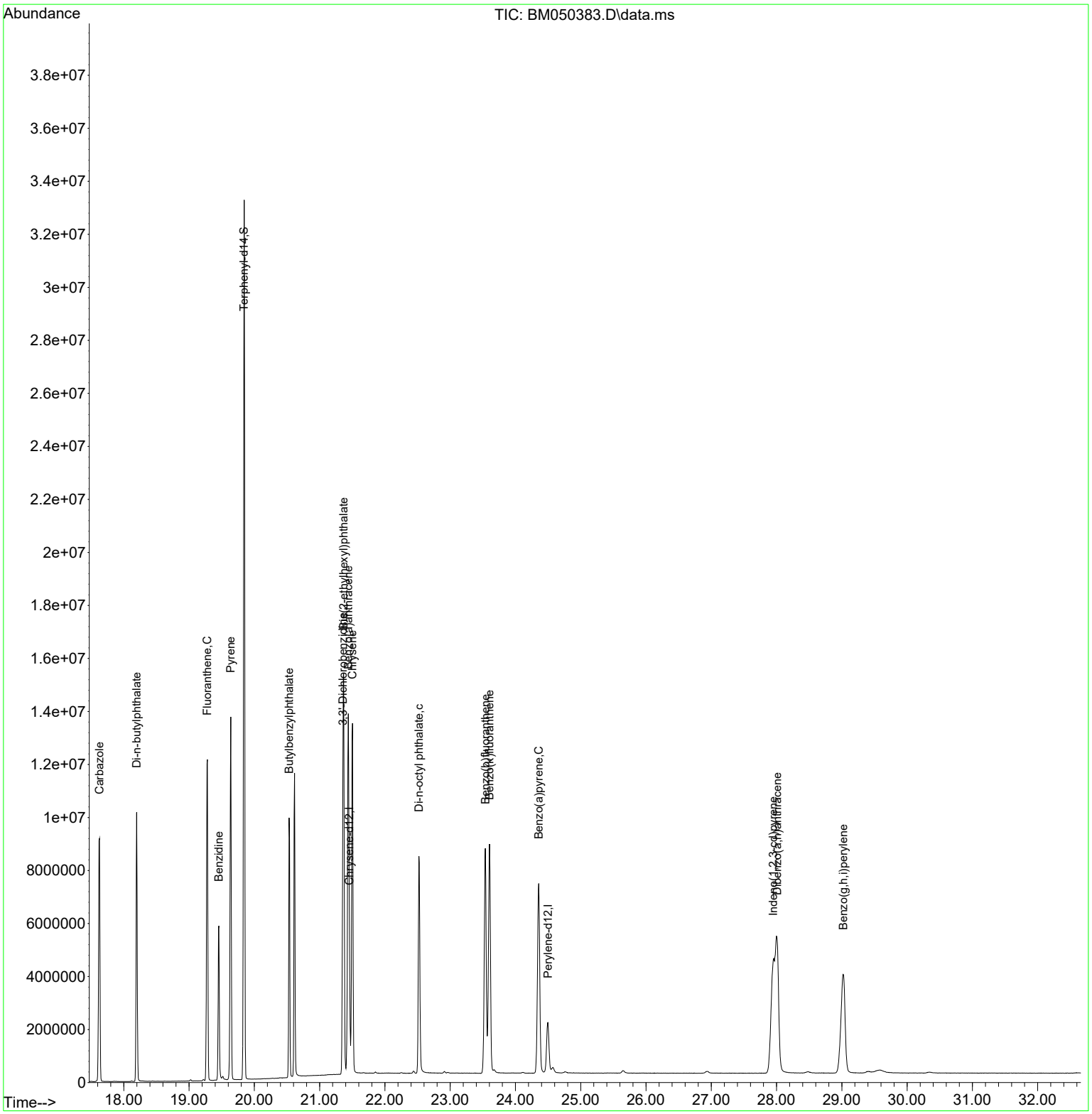


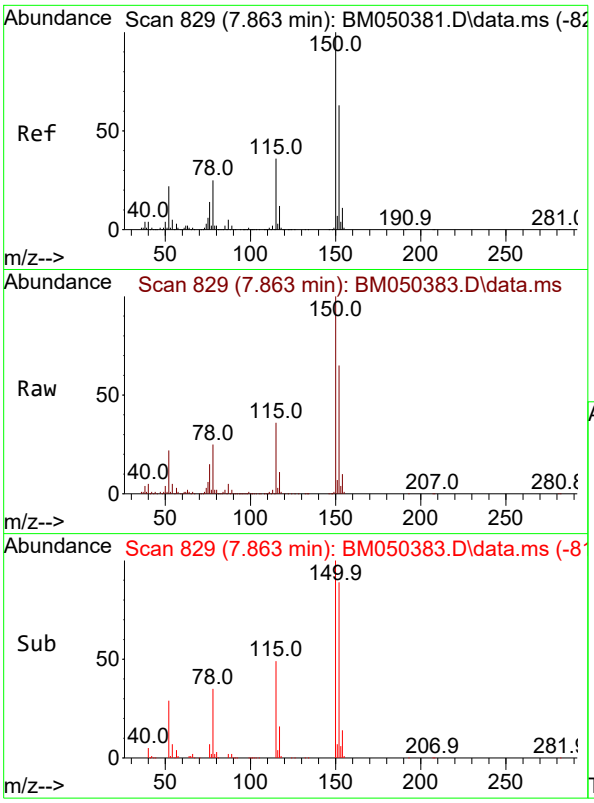
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050383.D
Acq On : 08 Jul 2025 16:41
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Jul 08 18:23:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



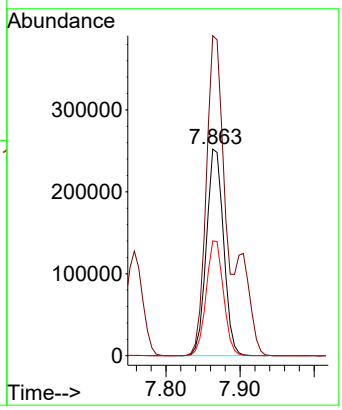


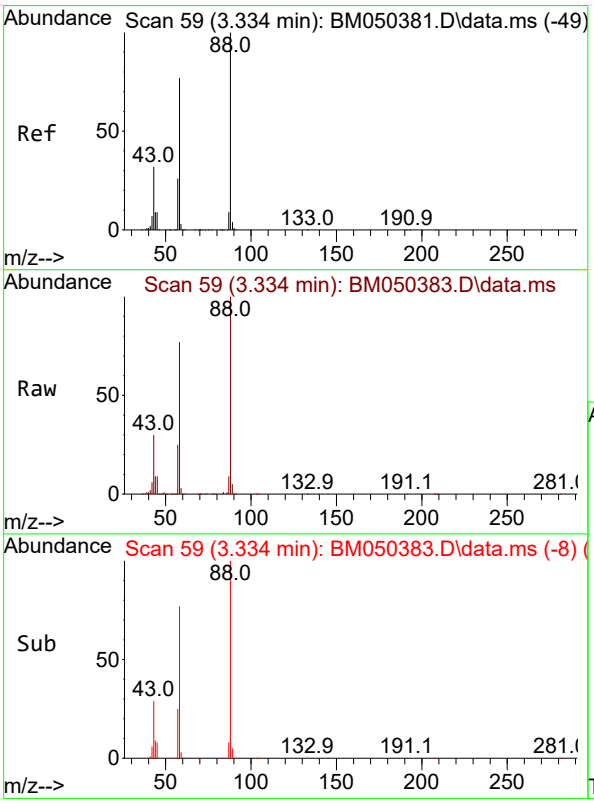
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 406200

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	55.6	45.8	68.8

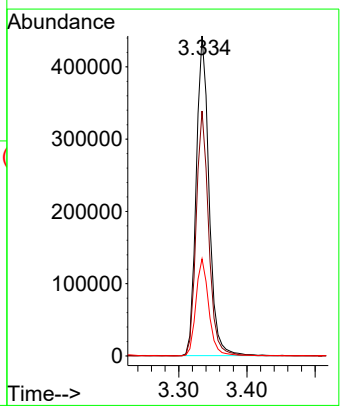


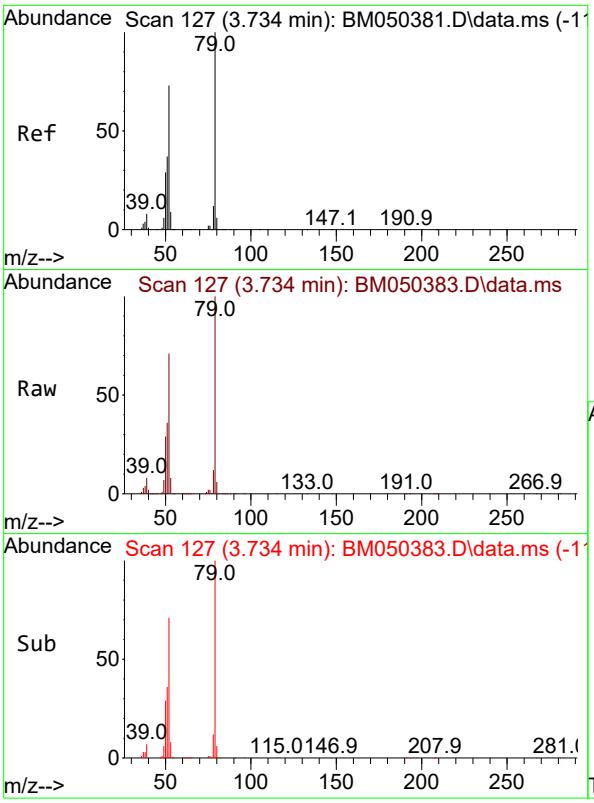


#2
1,4-Dioxane
Concen: 59.574 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 88 Resp: 578083

Ion	Ratio	Lower	Upper
88	100		
58	75.0	61.0	91.6
43	30.3	24.6	37.0



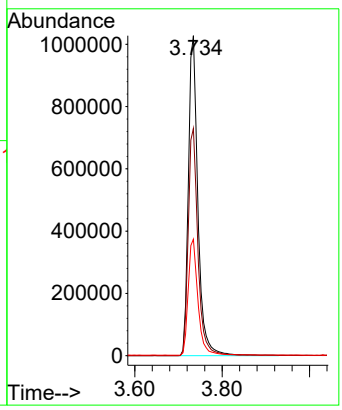


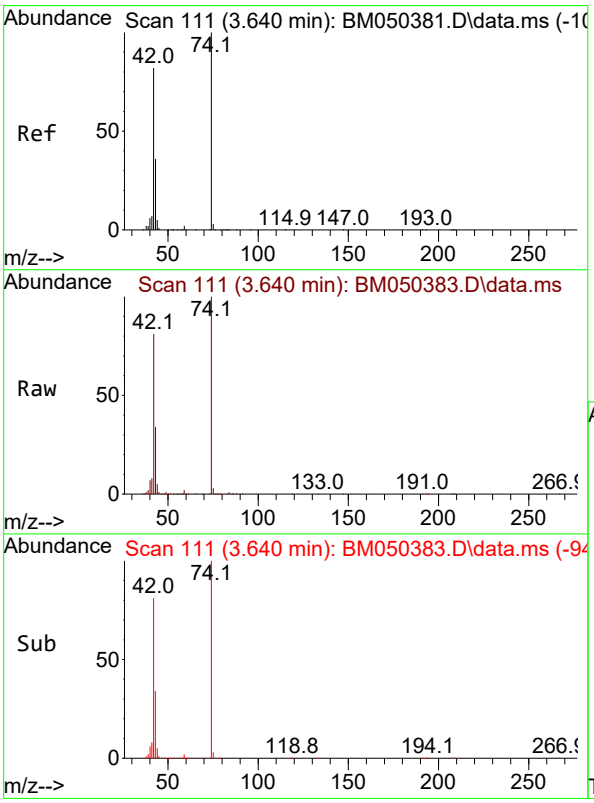
#3
Pyridine
Concen: 61.184 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1558687

Ion	Ratio	Lower	Upper
79	100		
52	71.0	58.3	87.5
51	36.4	29.6	44.4

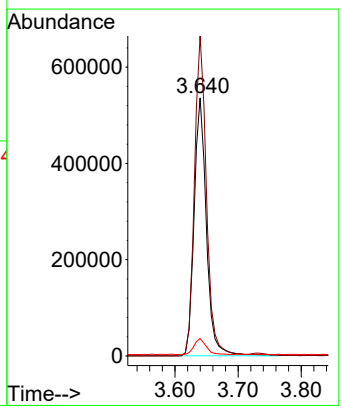


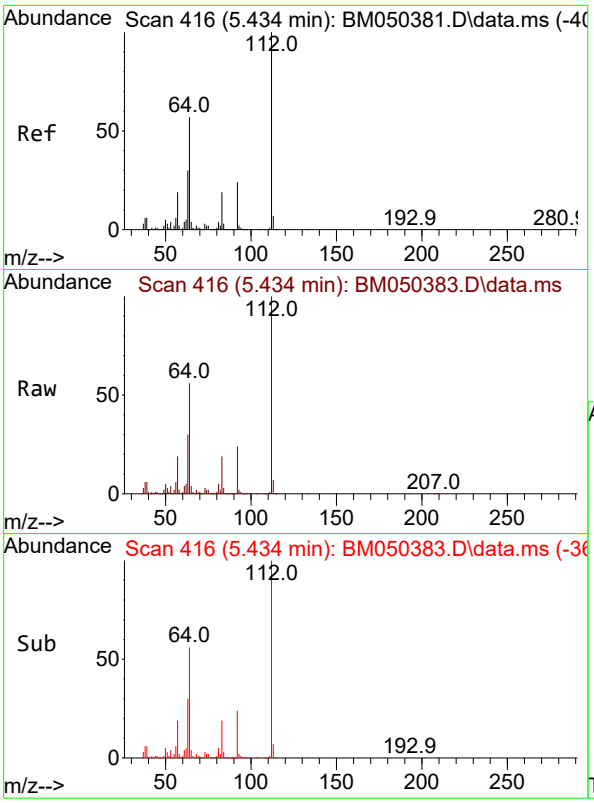


#4
n-Nitrosodimethylamine
Concen: 61.070 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 42 Resp: 725301

Ion	Ratio	Lower	Upper
42	100		
74	124.0	97.5	146.3
44	6.7	5.7	8.5



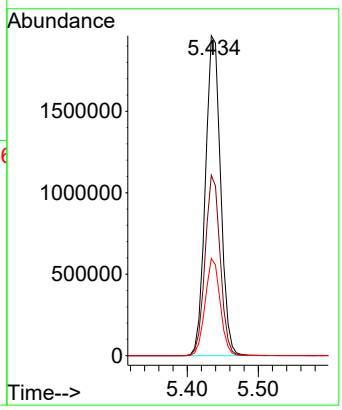


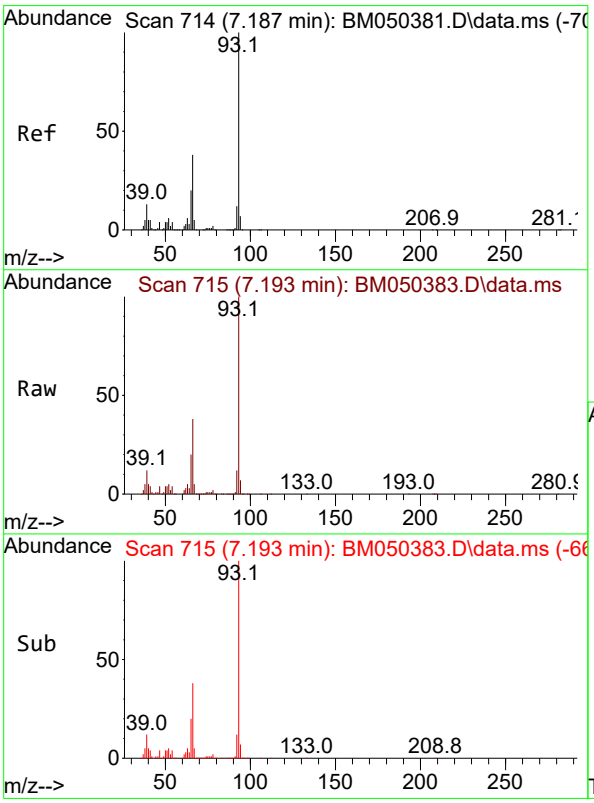
#5
2-Fluorophenol
Concen: 124.166 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2930103

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.5	68.3
63	30.3	24.2	36.4

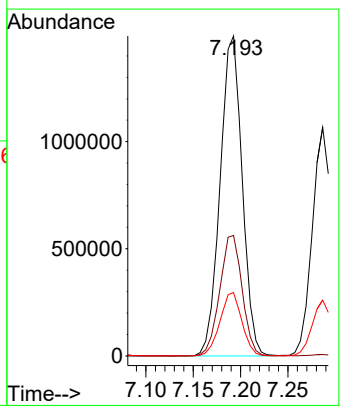


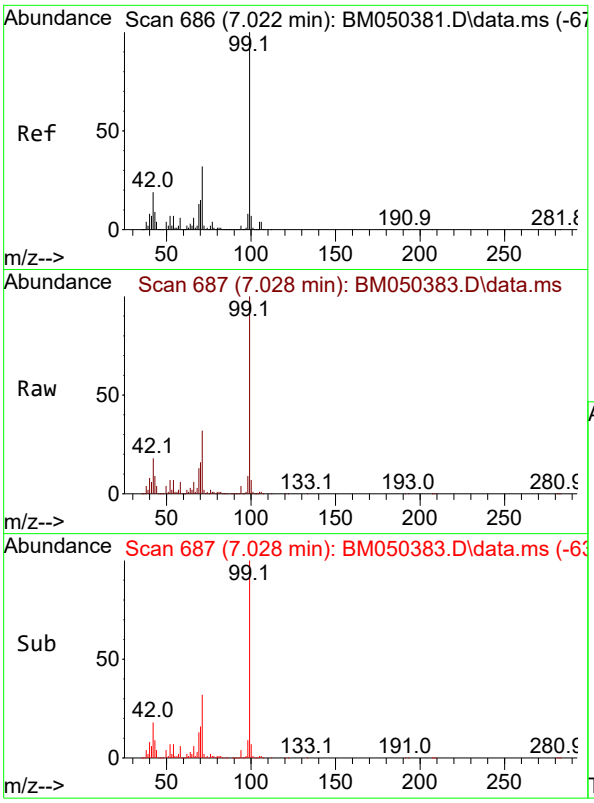


#6
Aniline
Concen: 63.416 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2421019

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.8	15.9	23.9



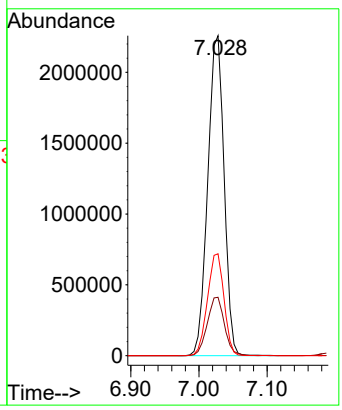


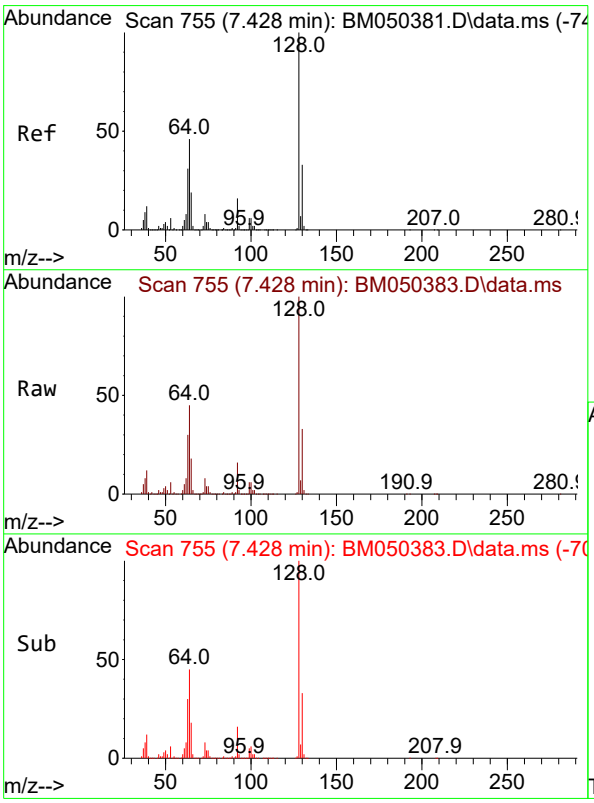
#7
Phenol-d6
Concen: 126.766 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3771036

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.0	22.6
71	31.8	25.9	38.9

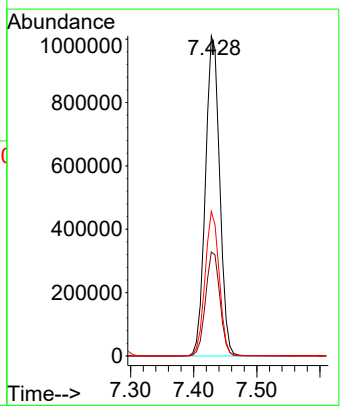


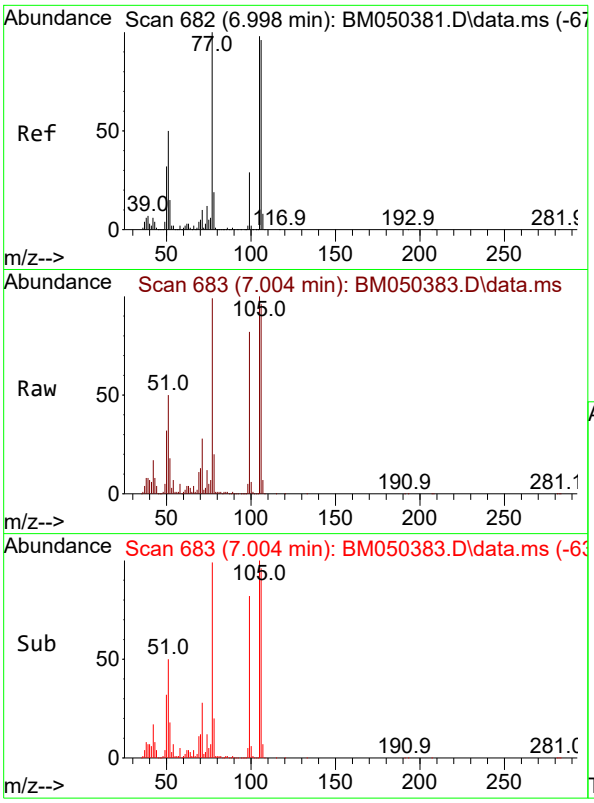


#8
2-Chlorophenol
Concen: 63.712 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:128 Resp: 1585370

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	45.1	25.6	65.6



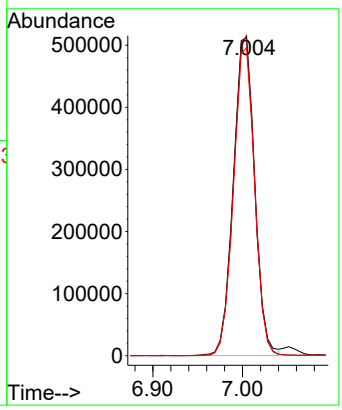


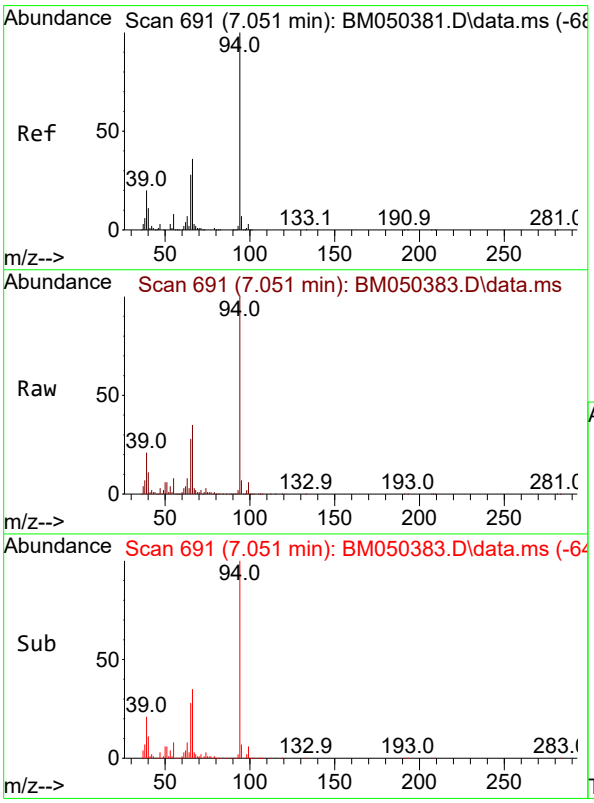
#9
Benzaldehyde
Concen: 47.768 ng
RT: 7.004 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 845390

Ion	Ratio	Lower	Upper
77	100		
105	100.6	78.4	118.4
106	96.9	76.3	116.3

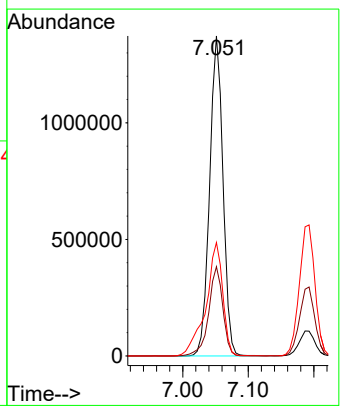


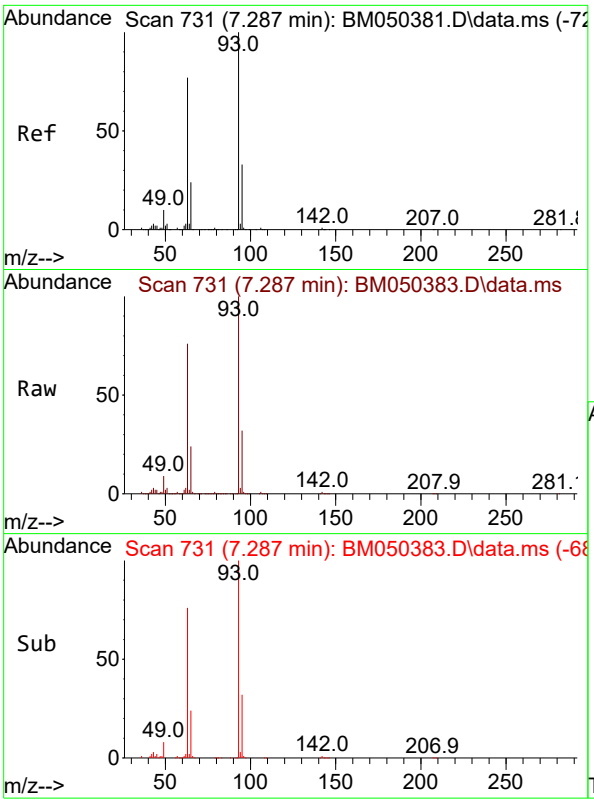


#10
Phenol
Concen: 62.748 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 94 Resp: 1946908

Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.1	48.1
66	35.4	15.8	55.8



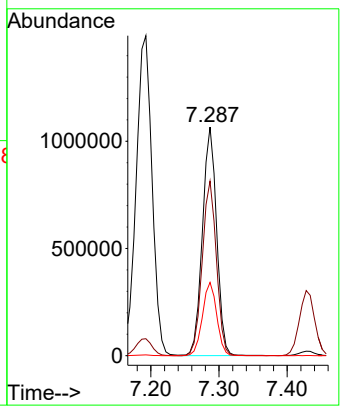


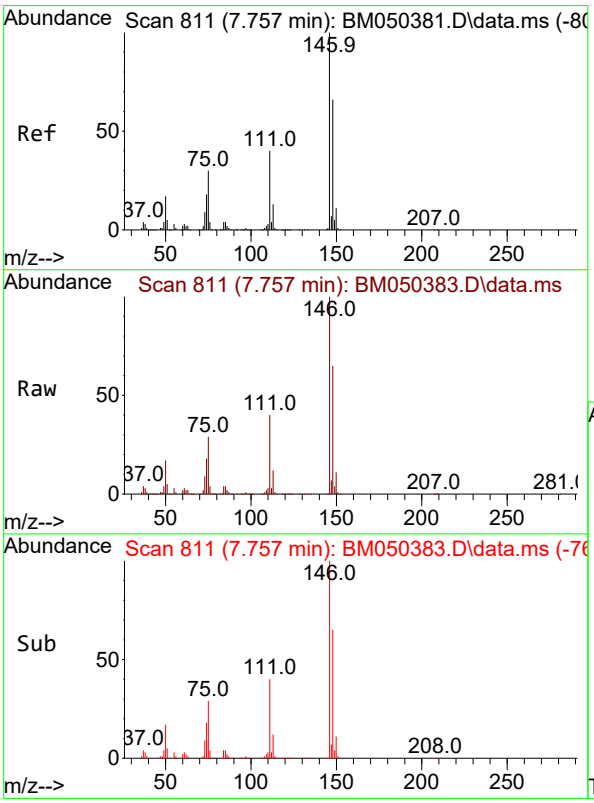
#11
bis(2-Chloroethyl)ether
Concen: 62.169 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1544784

Ion	Ratio	Lower	Upper
93	100		
63	76.4	56.9	96.9
95	32.1	12.6	52.6

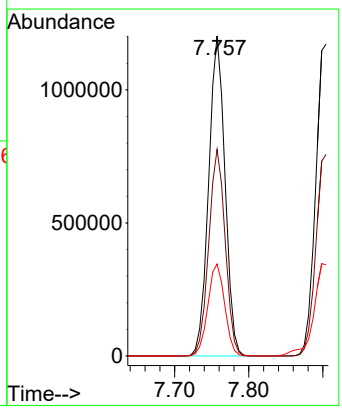


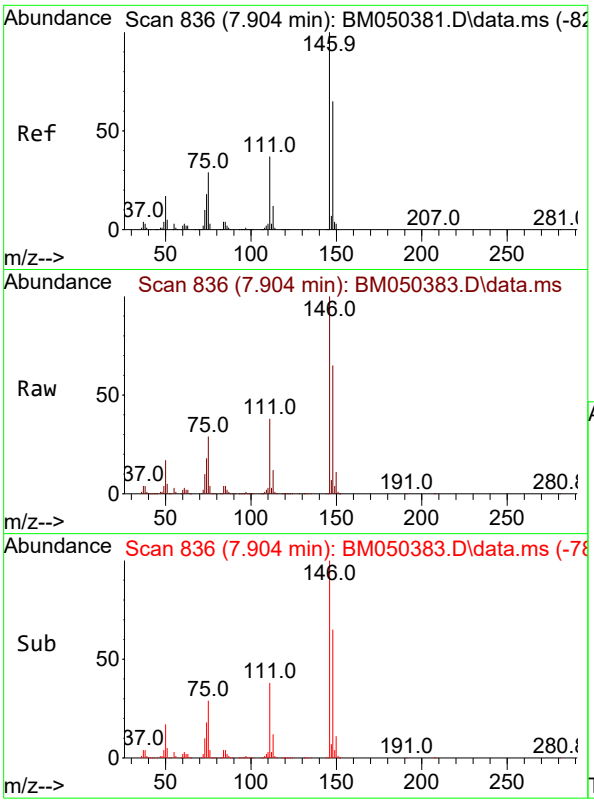


#12
1,3-Dichlorobenzene
Concen: 60.846 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1841011

Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.2	79.8
75	28.7	23.9	35.9



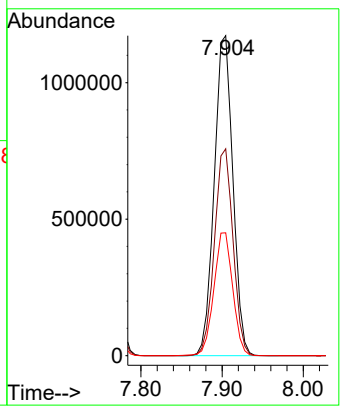


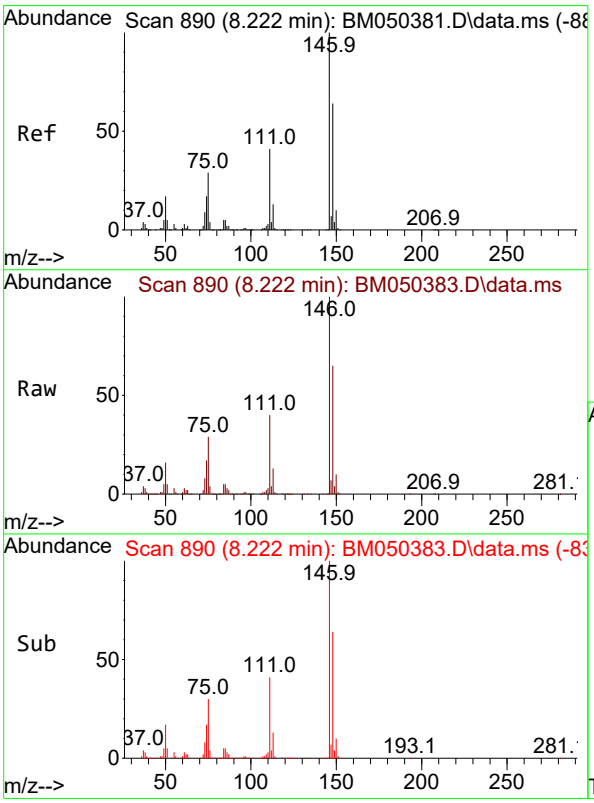
#13
1,4-Dichlorobenzene
Concen: 60.660 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1874083

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.9	77.9
111	38.4	30.0	45.0

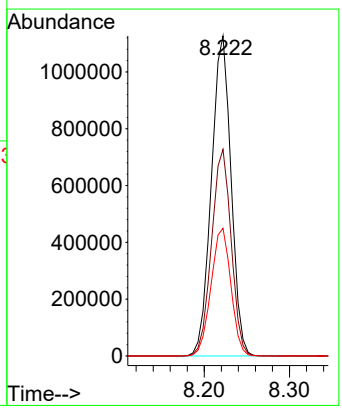


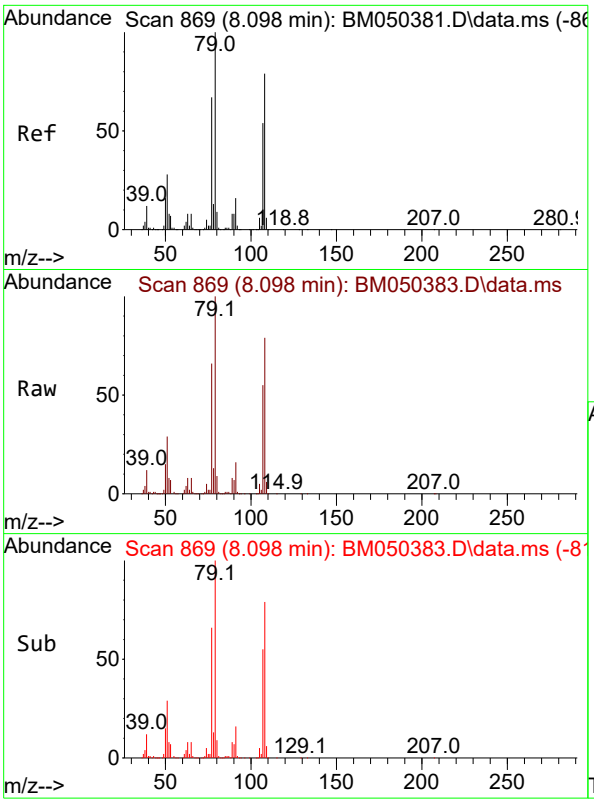


#14
1,2-Dichlorobenzene
Concen: 61.182 ng
RT: 8.222 min Scan# 890
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:146 Resp: 1809670

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	39.9	32.6	49.0



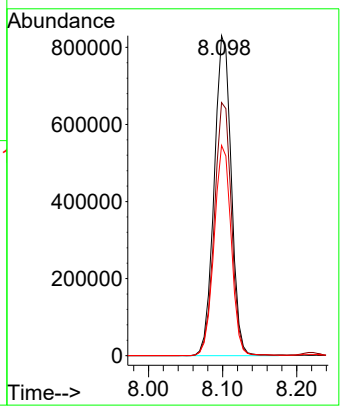


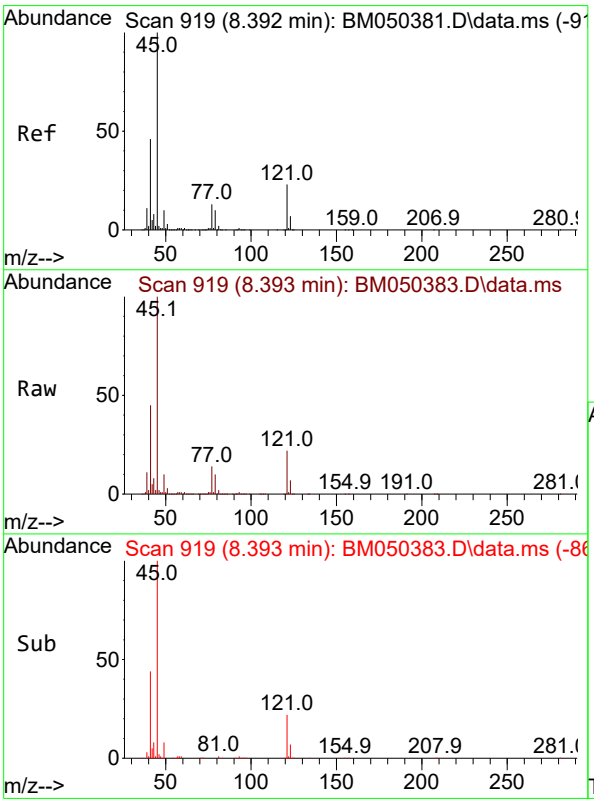
#15
Benzyl Alcohol
Concen: 63.380 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1328453

Ion	Ratio	Lower	Upper
79	100		
108	79.1	63.0	94.4
77	65.7	53.4	80.0

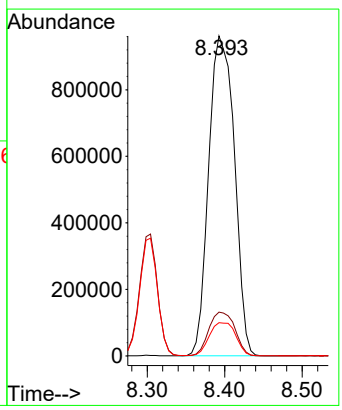


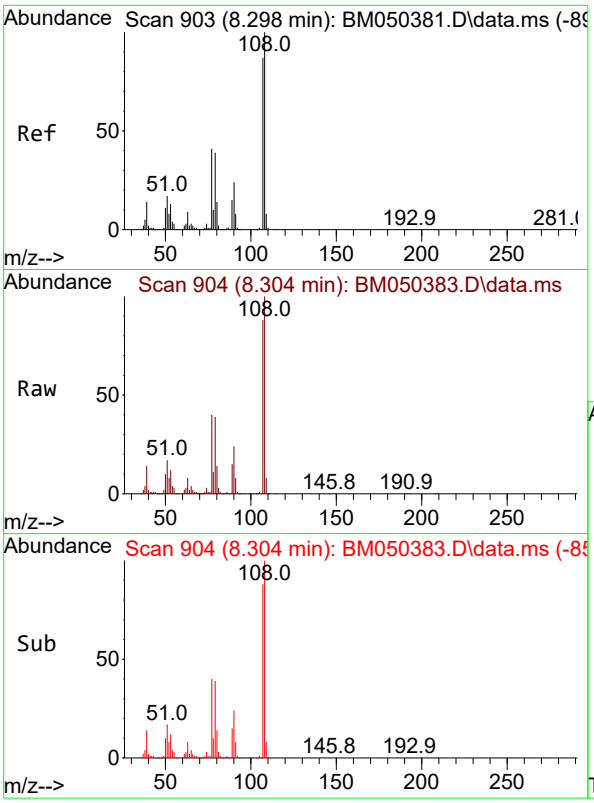


#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.631 ng
RT: 8.393 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 45 Resp: 2219161

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.4	0.0	30.3



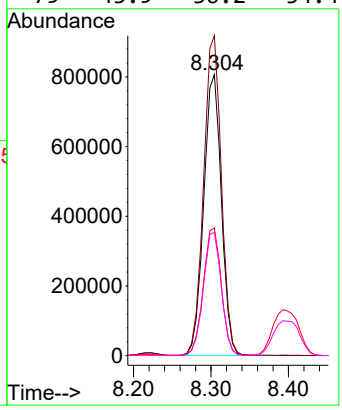


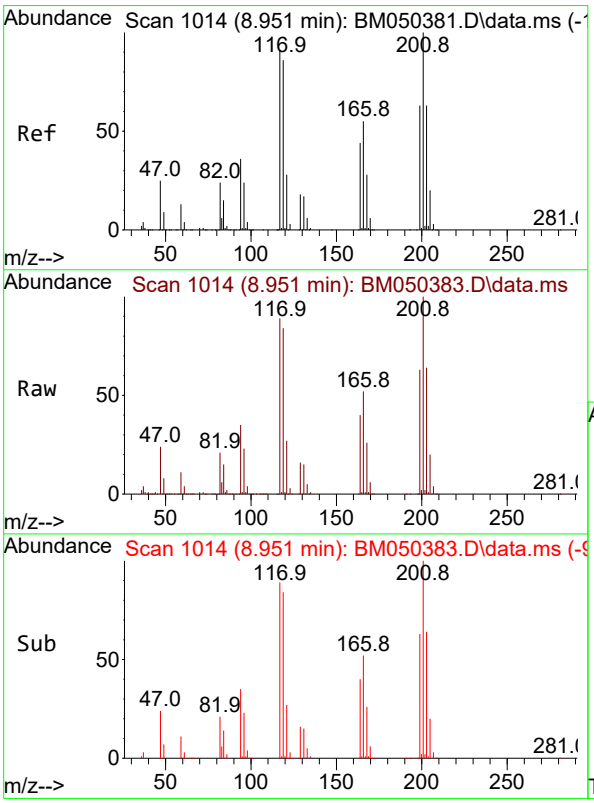
#17
2-Methylphenol
Concen: 63.479 ng
RT: 8.304 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 1277440

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.1	138.1
77	45.4	38.2	57.4
79	43.9	36.2	54.4

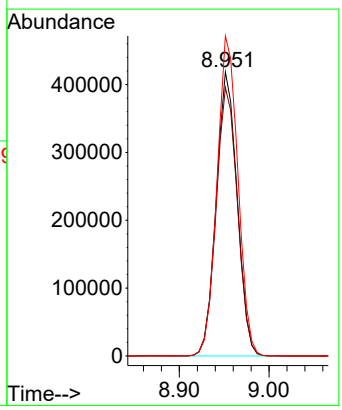


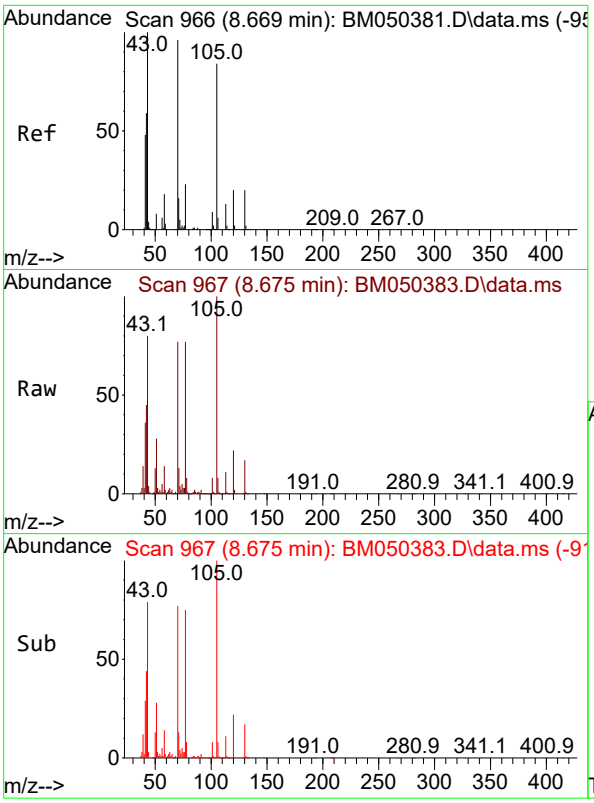


#18
Hexachloroethane
Concen: 62.403 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:117 Resp: 678042

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	112.7	87.9	131.9



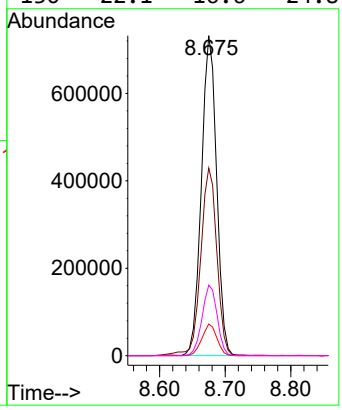


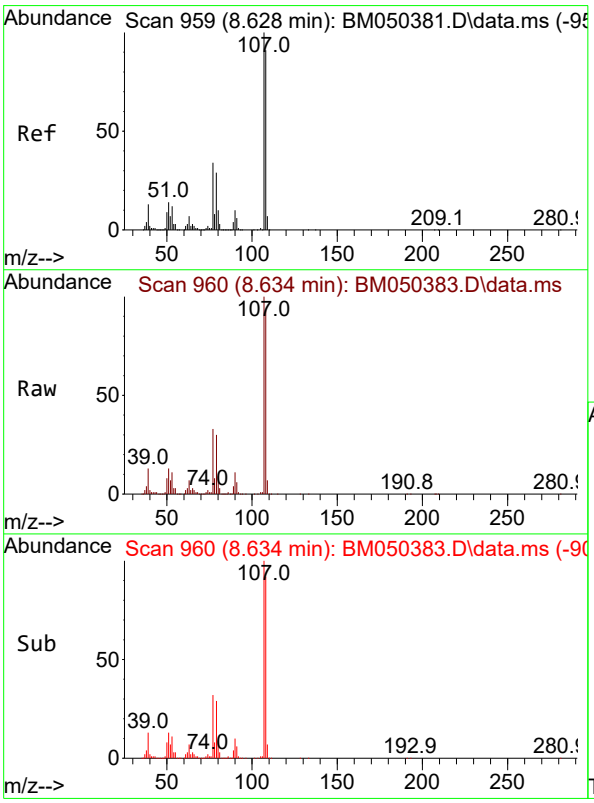
#19
n-Nitroso-di-n-propylamine
Concen: 65.485 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 1180119

Ion	Ratio	Lower	Upper
70	100		
42	58.6	49.7	74.5
101	9.9	7.7	11.5
130	22.1	16.6	24.8

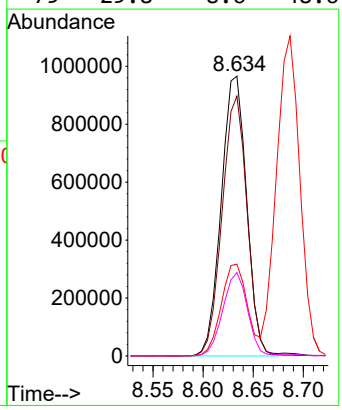


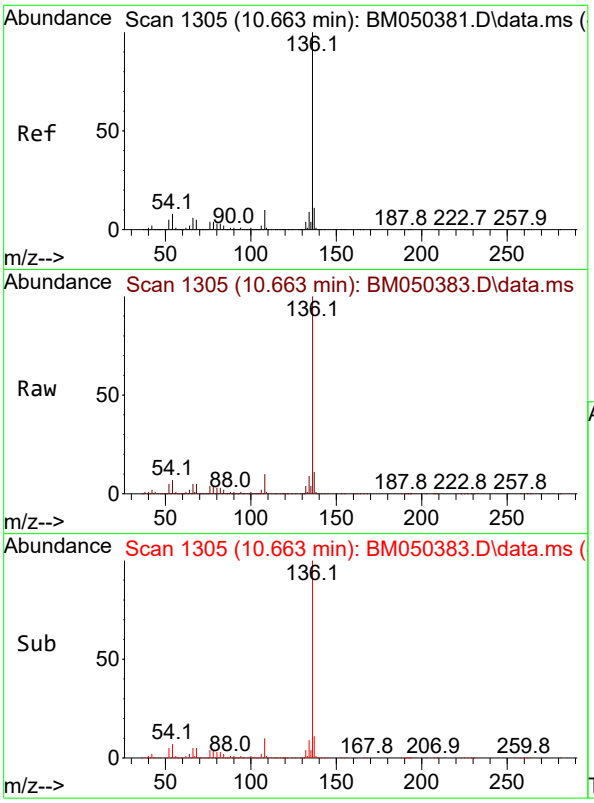


#20
3+4-Methylphenols
Concen: 62.832 ng
RT: 8.634 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1697411

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.5	111.5
77	32.9	13.7	53.7
79	29.8	8.6	48.6



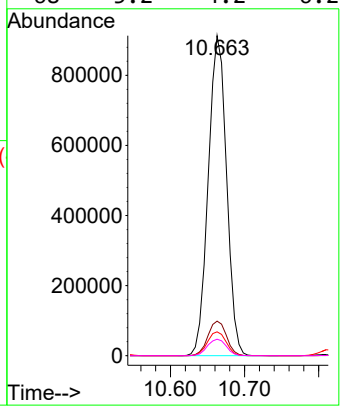


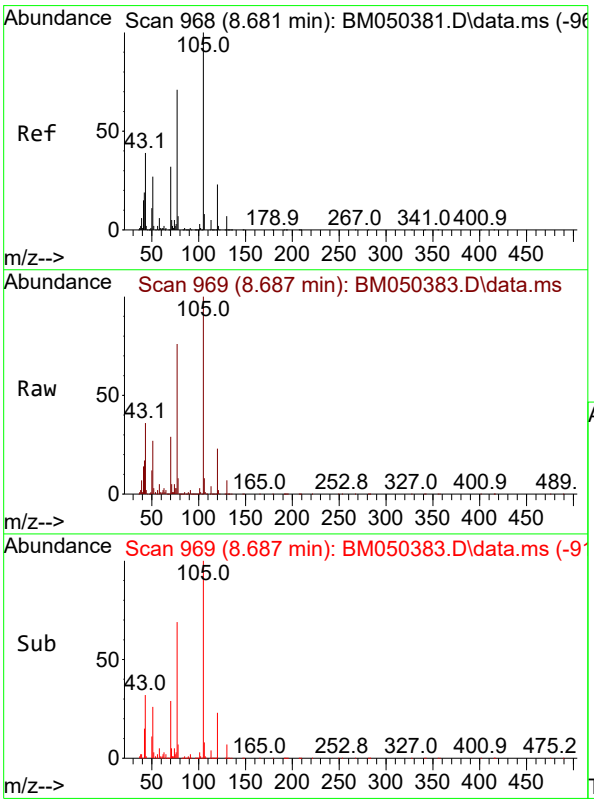
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1566187

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.2	4.2	6.2

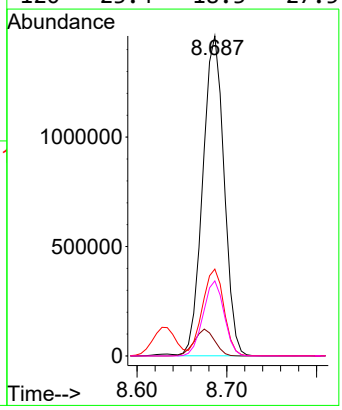


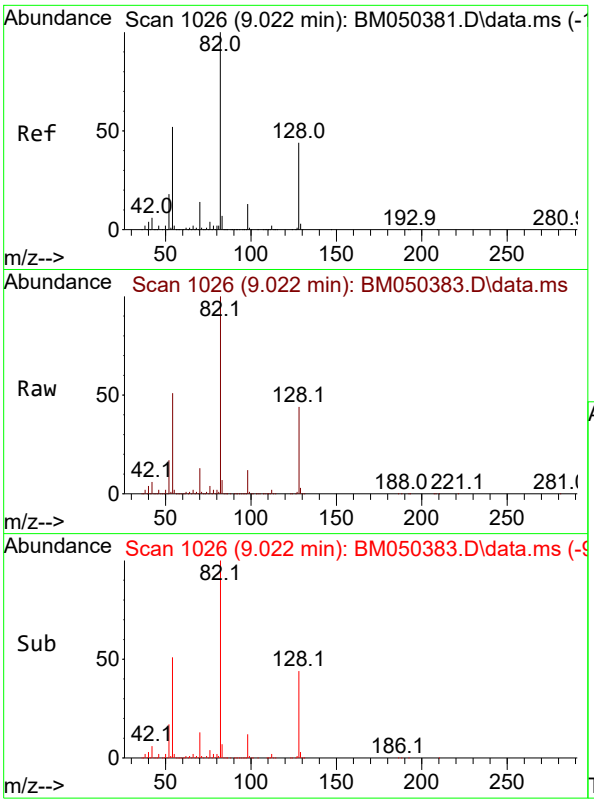


#22
Acetophenone
Concen: 61.517 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:105 Resp: 2408904

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	27.2	23.0	34.6
120	23.4	18.3	27.5



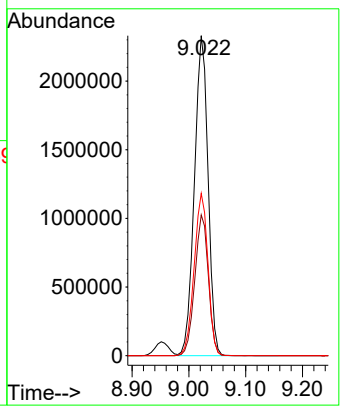


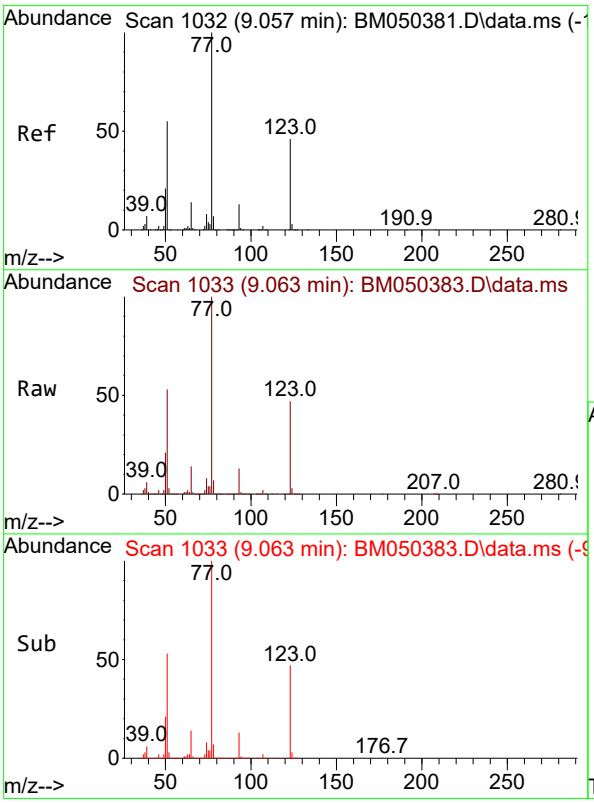
#23
Nitrobenzene-d5
Concen: 126.983 ng
RT: 9.022 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3898203

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	50.7	41.5	62.3

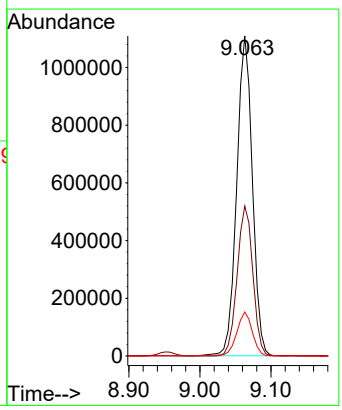


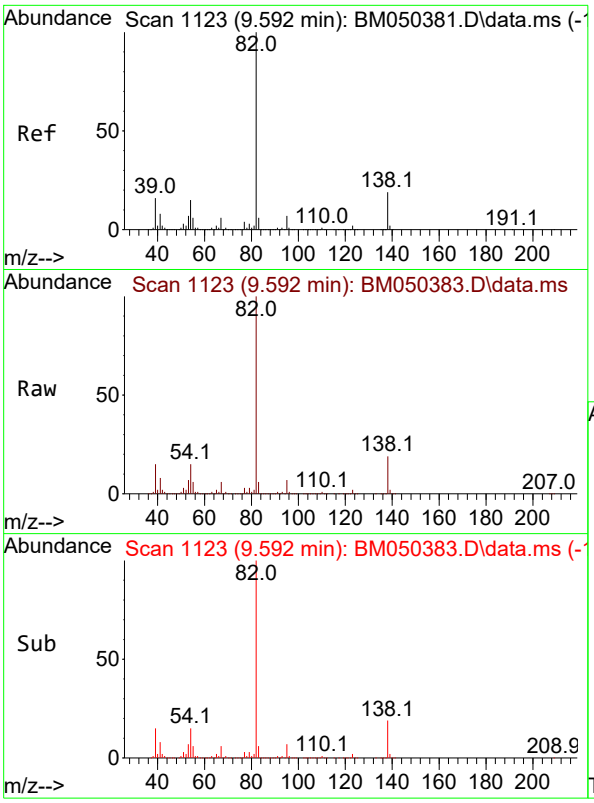


#24
Nitrobenzene
Concen: 62.165 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 77 Resp: 1702957

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.0	55.6
65	13.7	11.0	16.4



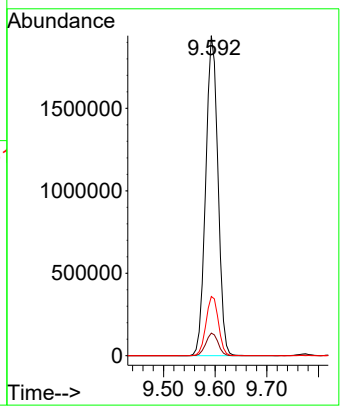


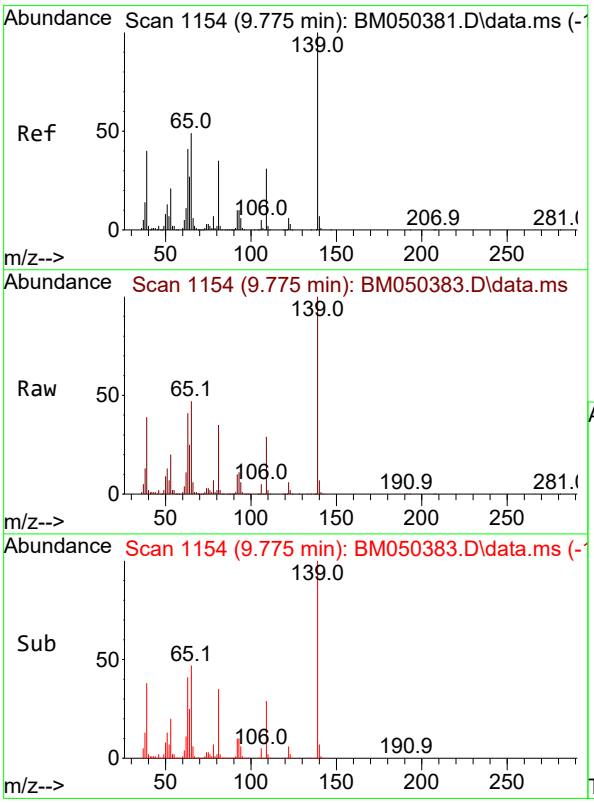
#25
Isophorone
Concen: 64.054 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 3190767

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.5	15.3	22.9

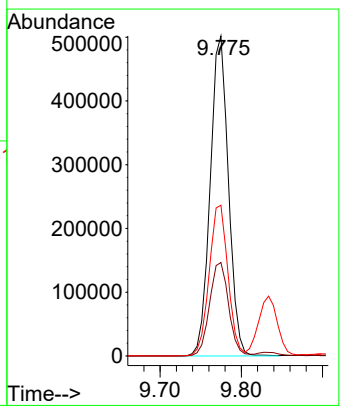


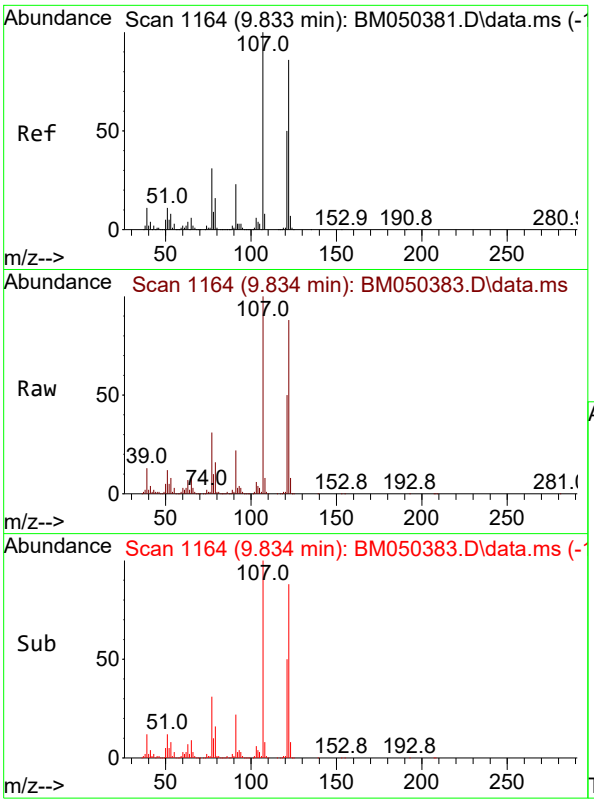


#26
2-Nitrophenol
Concen: 70.186 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 783612

Ion	Ratio	Lower	Upper
139	100		
109	29.2	24.6	36.8
65	47.1	39.2	58.8



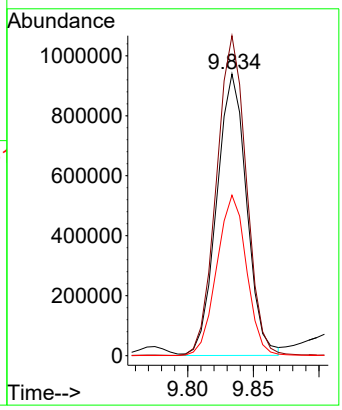


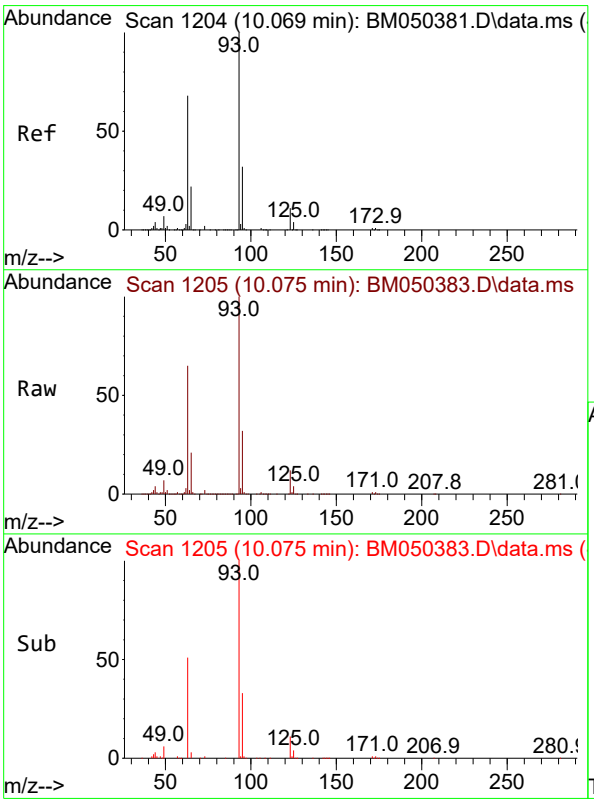
#27
2,4-Dimethylphenol
Concen: 62.749 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 1490764

Ion	Ratio	Lower	Upper
122	100		
107	113.6	93.0	139.6
121	57.0	46.1	69.1

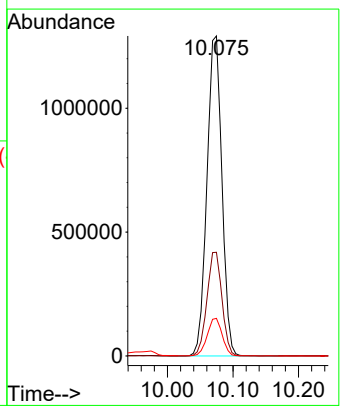


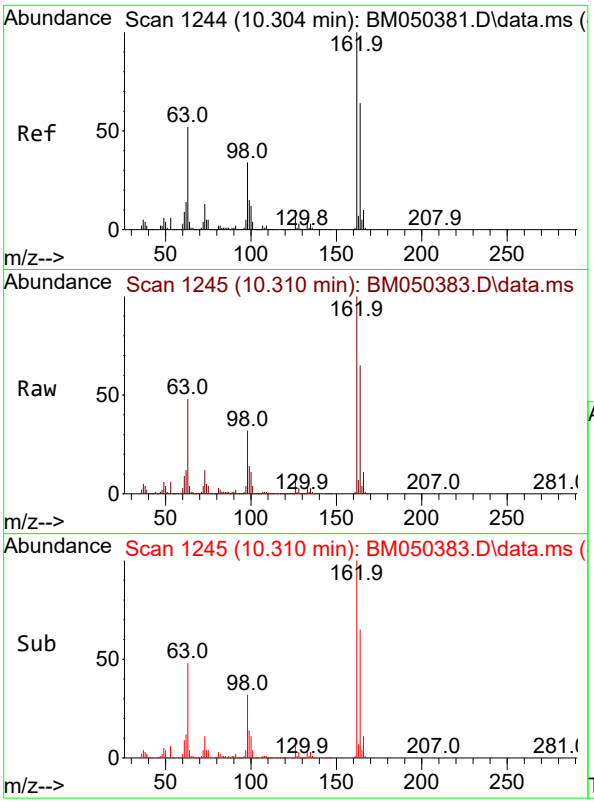


#28
bis(2-Chloroethoxy)methane
Concen: 62.070 ng
RT: 10.075 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 93 Resp: 2048832

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.7	9.1	13.7



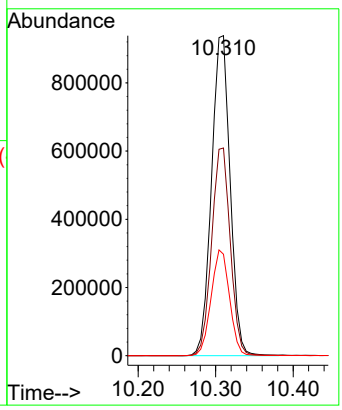


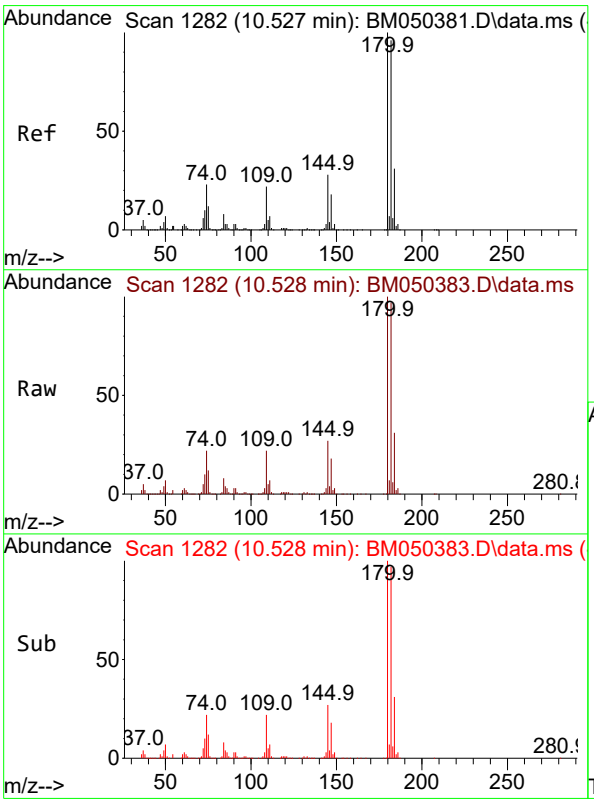
#29
2,4-Dichlorophenol
Concen: 64.353 ng
RT: 10.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1570701

Ion	Ratio	Lower	Upper
162	100		
164	64.9	43.7	83.7
98	31.7	13.7	53.7

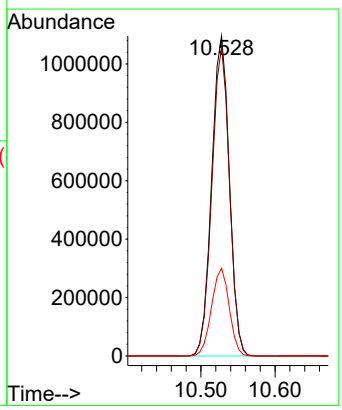


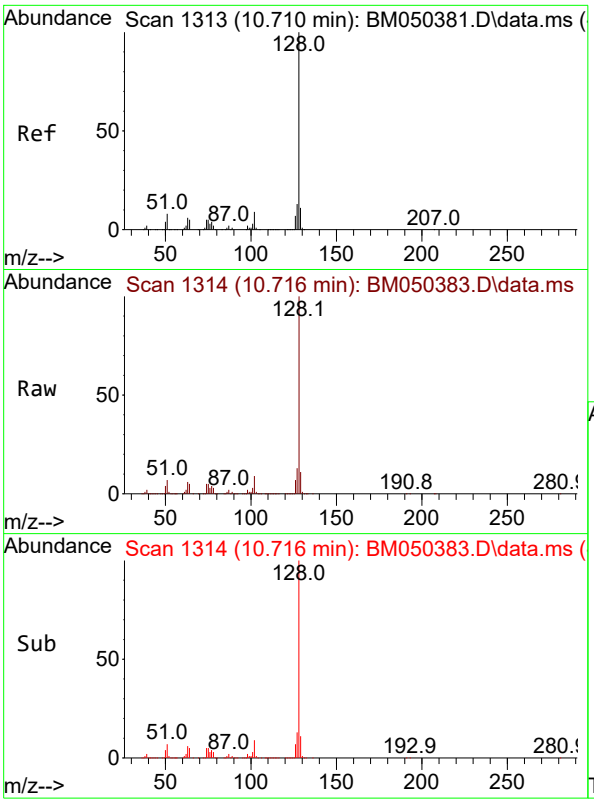


#30
1,2,4-Trichlorobenzene
Concen: 62.024 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:180 Resp: 1810982

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.8	115.2
145	27.4	22.6	33.8



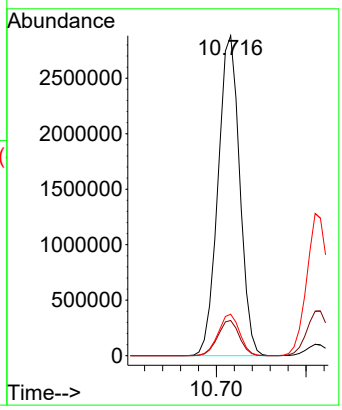


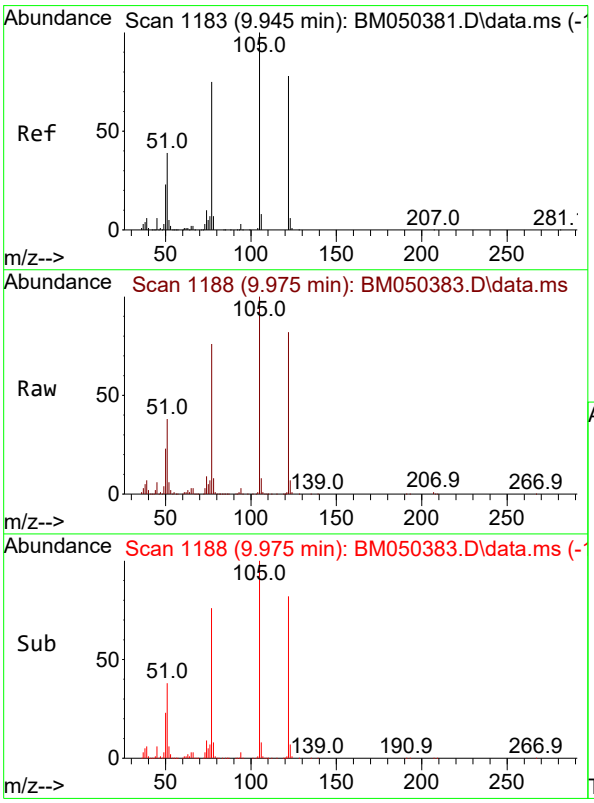
#31
Naphthalene
Concen: 60.775 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 4834692

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

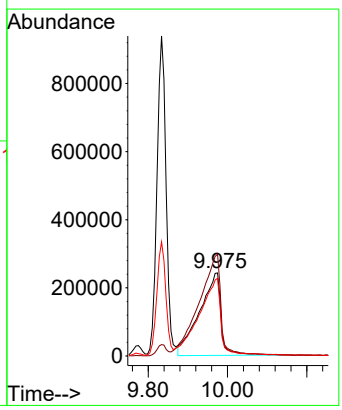


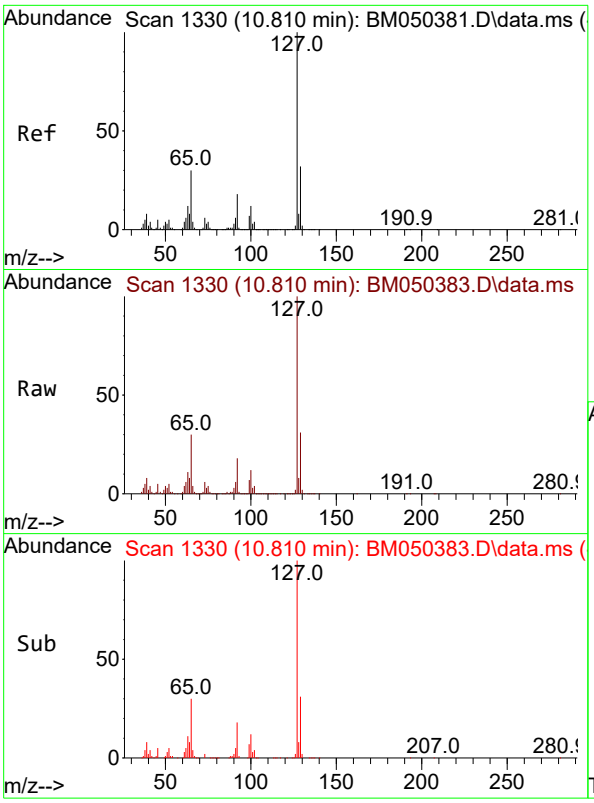


#32
Benzoic acid
Concen: 60.734 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.030 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:122 Resp: 912053

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.0	144.0
77	93.4	73.8	113.8



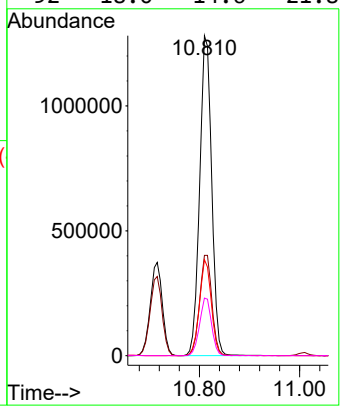


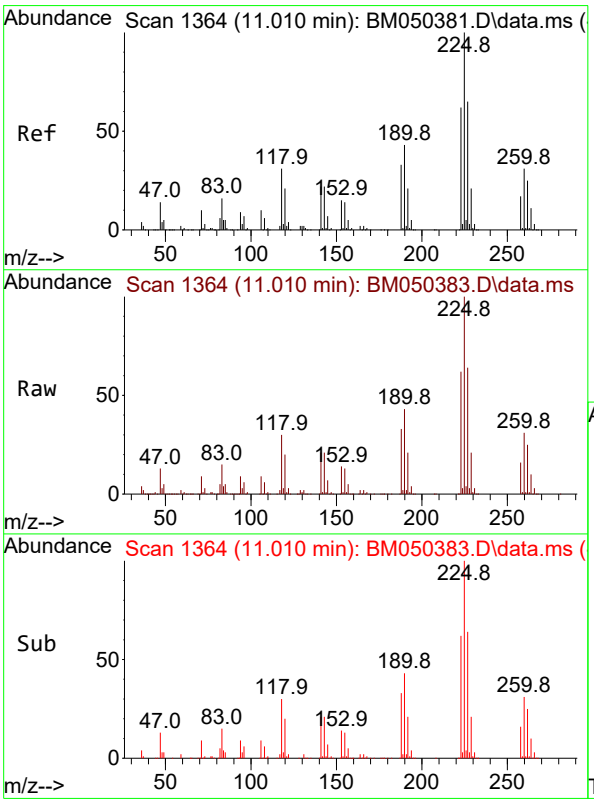
#33
4-Chloroaniline
Concen: 63.348 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 2130451

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	30.0	23.9	35.9
92	18.0	14.6	21.8

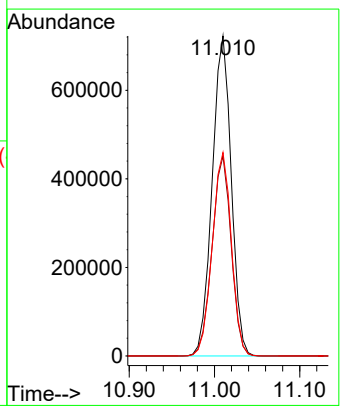


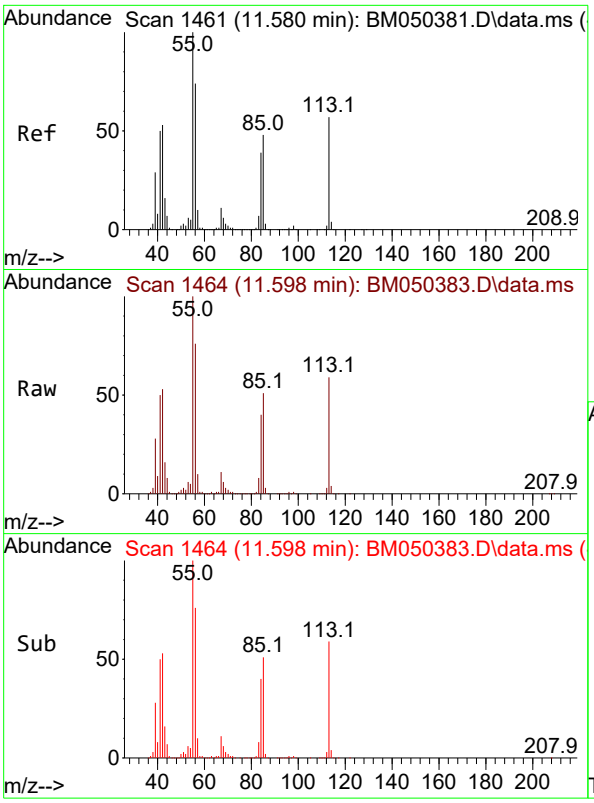


#34
Hexachlorobutadiene
Concen: 63.032 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:225 Resp: 1123283

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.6	52.1	78.1



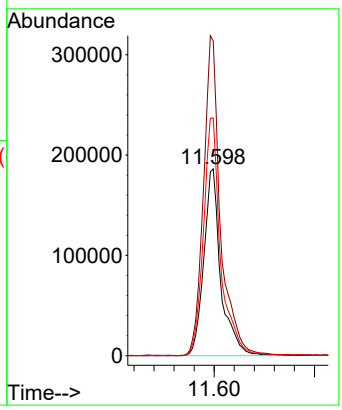


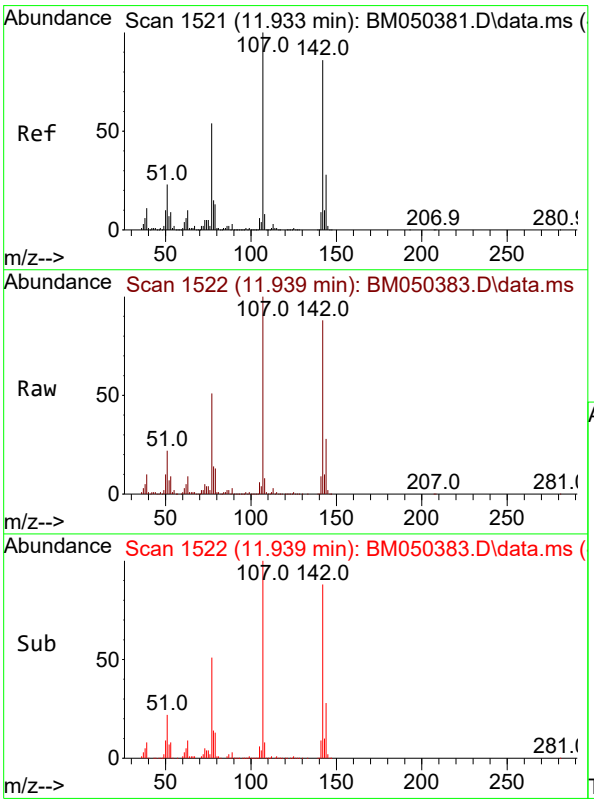
#35
Caprolactam
Concen: 65.768 ng
RT: 11.598 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 438205

Ion	Ratio	Lower	Upper
113	100		
55	168.5	157.2	197.2
56	127.3	111.7	151.7

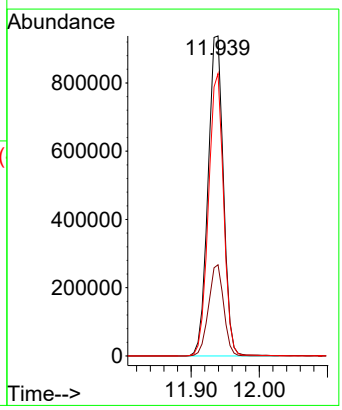


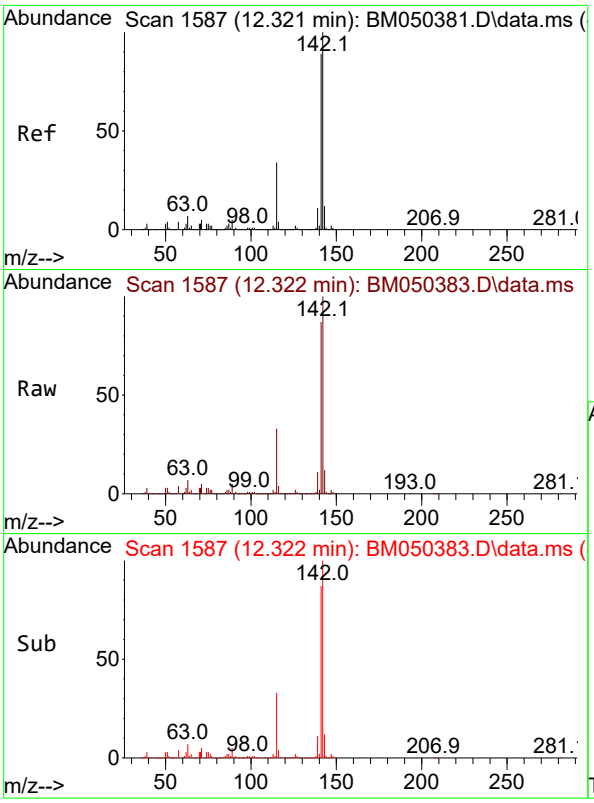


#36
4-Chloro-3-methylphenol
Concen: 64.612 ng
RT: 11.939 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:107 Resp: 1472646

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	88.2	68.7	103.1



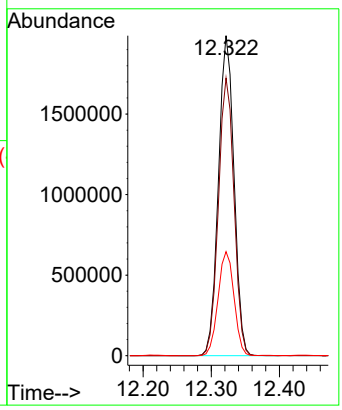


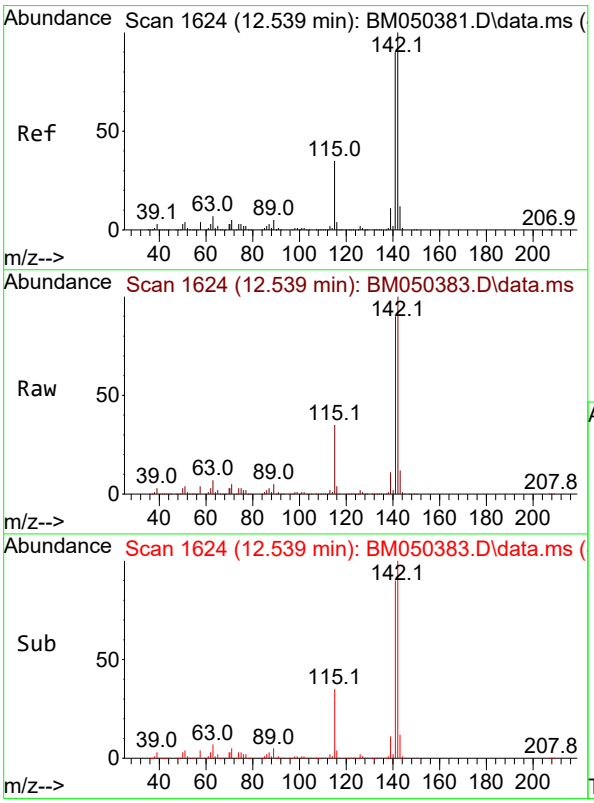
#37
2-Methylnaphthalene
Concen: 62.784 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 3153595

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.8	106.2
115	32.5	27.0	40.4

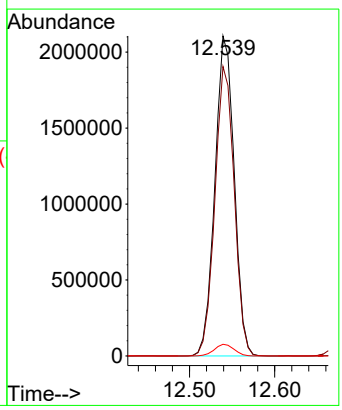


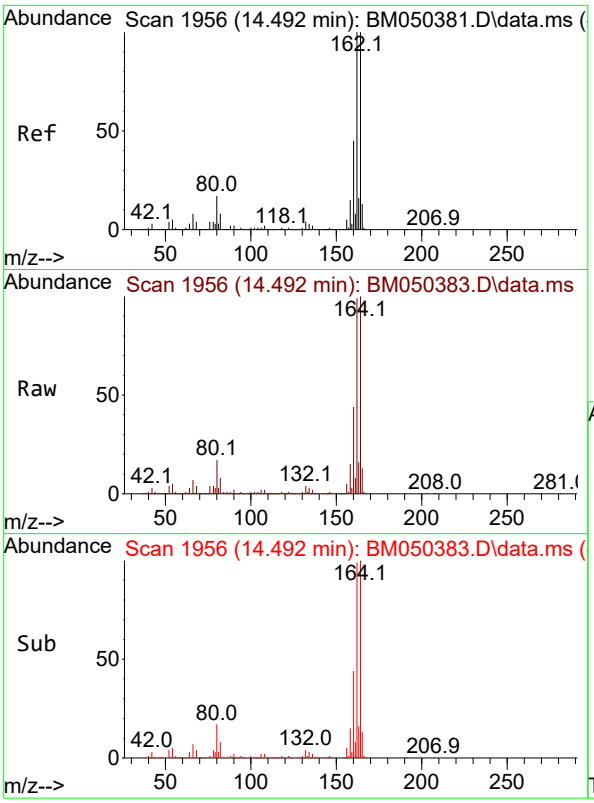


#38
1-Methylnaphthalene
Concen: 62.500 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:142 Resp: 3322331

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
116	3.6	3.0	4.6



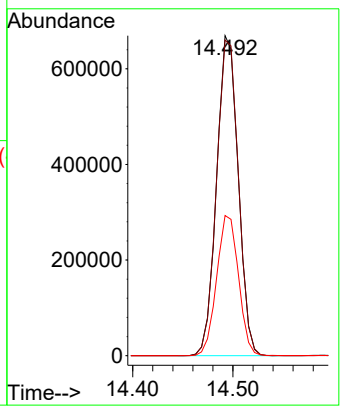


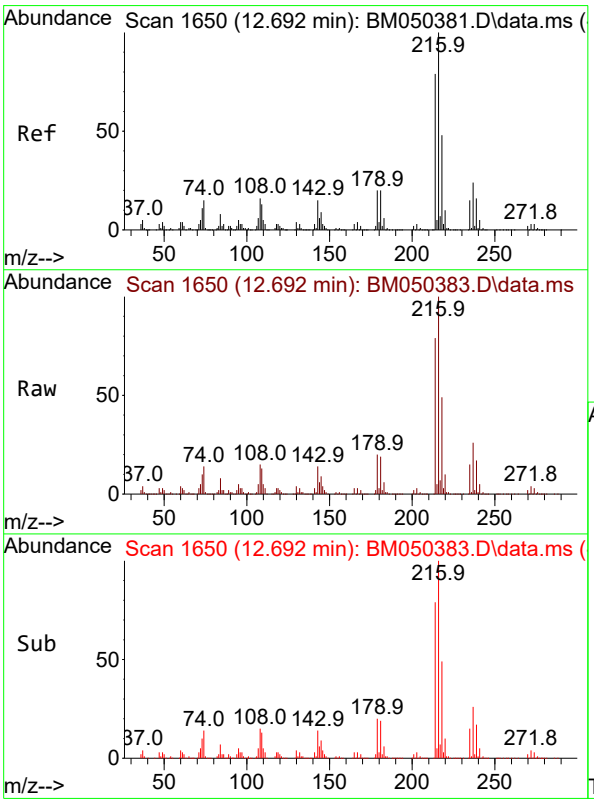
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 998713

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.9	119.9
160	43.8	36.2	54.4

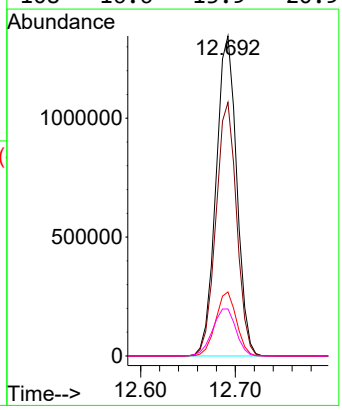


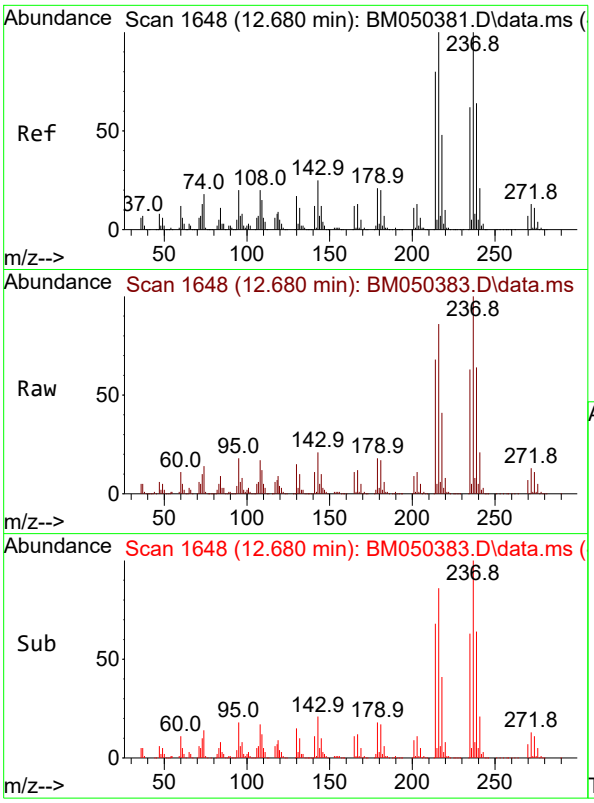


#40
1,2,4,5-Tetrachlorobenzene
Concen: 64.436 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:216 Resp: 2046472

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.1	16.4	24.6
108	16.6	13.9	20.9



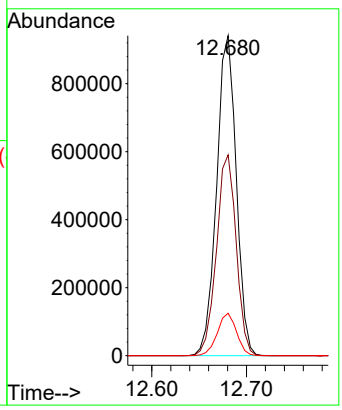


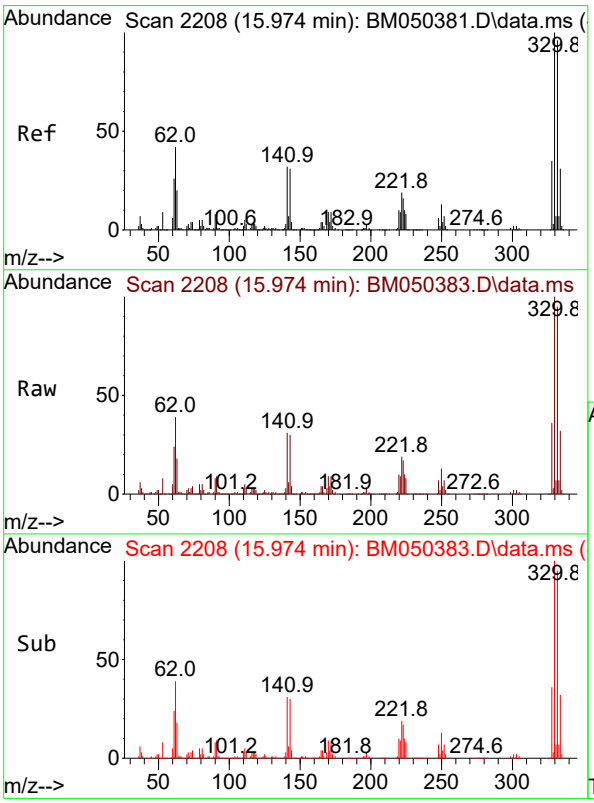
#41
Hexachlorocyclopentadiene
Concen: 66.942 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 1359023

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.3	0.0	33.0

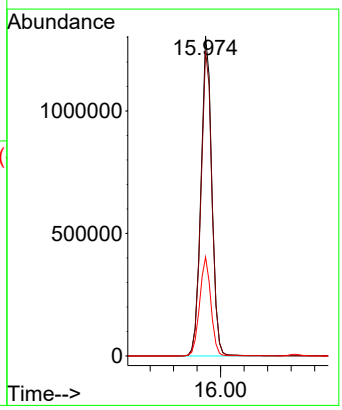


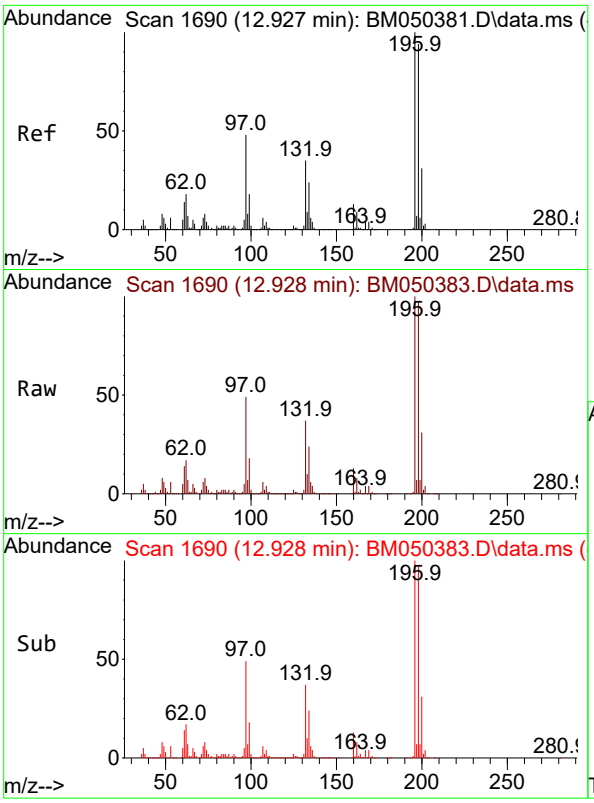


#42
2,4,6-Tribromophenol
Concen: 138.460 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:330 Resp: 1680132

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.9	115.3
141	31.9	27.4	41.0



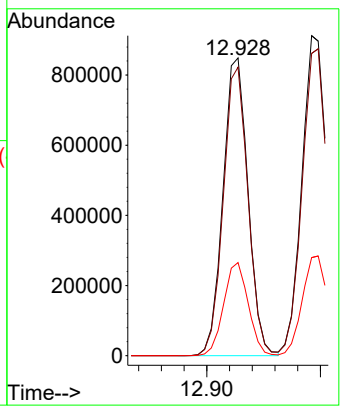


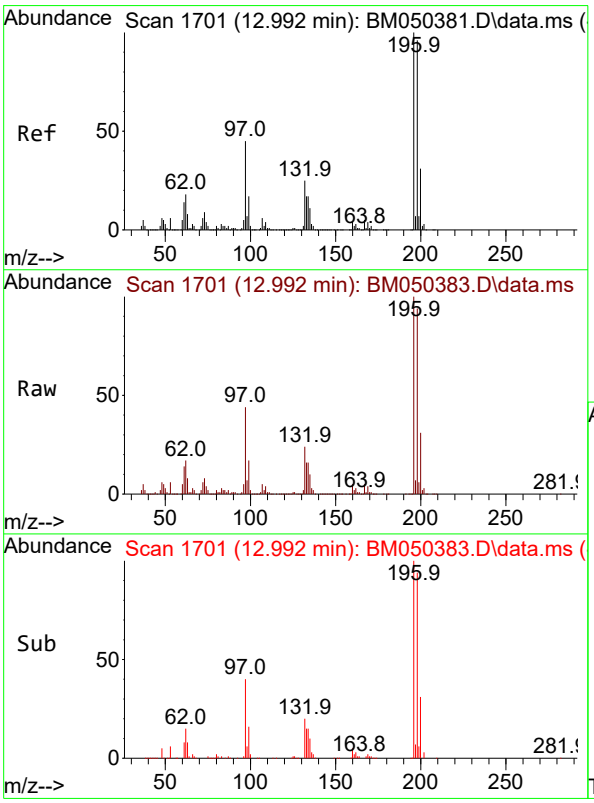
#43
2,4,6-Trichlorophenol
Concen: 66.483 ng
RT: 12.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 1299719

Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.1	112.7
200	31.3	24.6	37.0

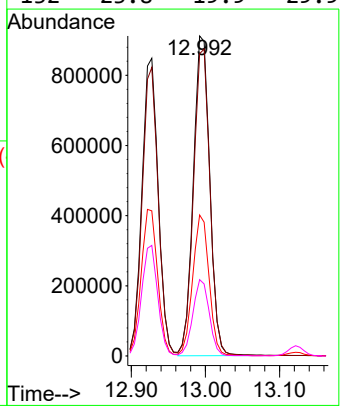


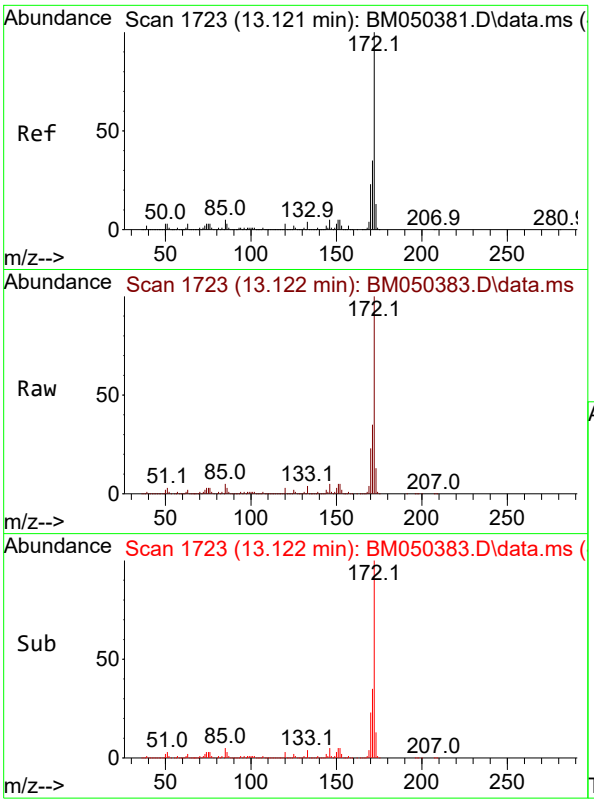


#44
2,4,5-Trichlorophenol
Concen: 65.913 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:196 Resp: 1407280

Ion	Ratio	Lower	Upper
196	100		
198	94.5	77.2	115.8
97	44.0	36.2	54.4
132	23.8	19.9	29.9



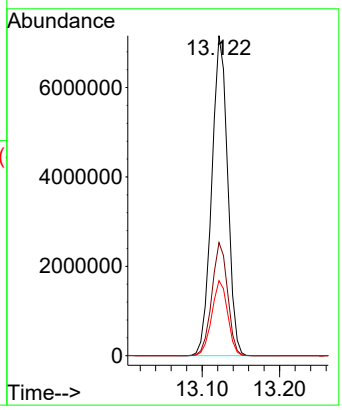


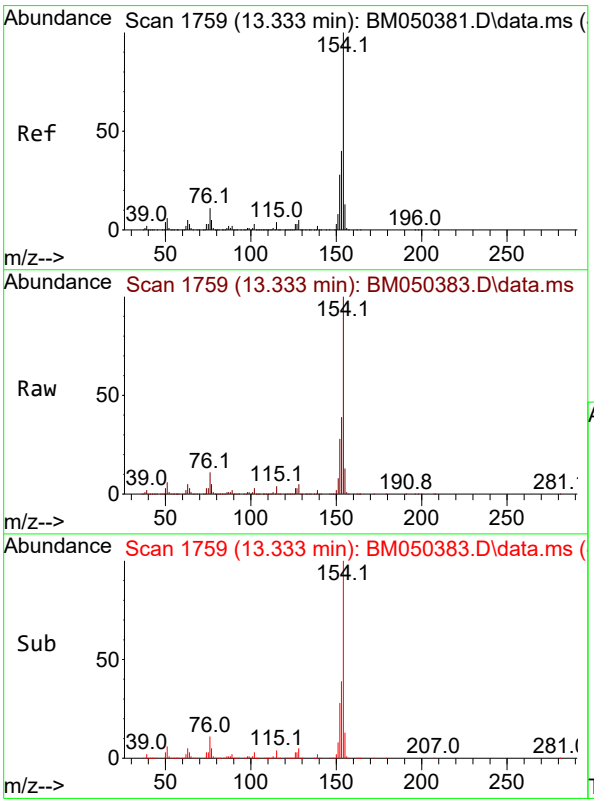
#45
2-Fluorobiphenyl
Concen: 125.724 ng
RT: 13.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp:10167533

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.7	41.5
170	23.5	18.8	28.2

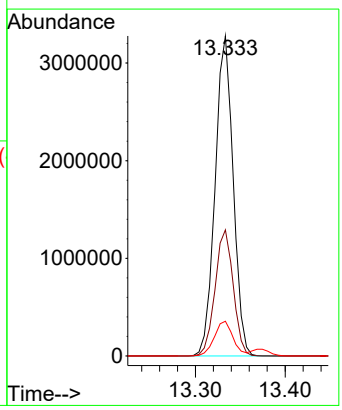


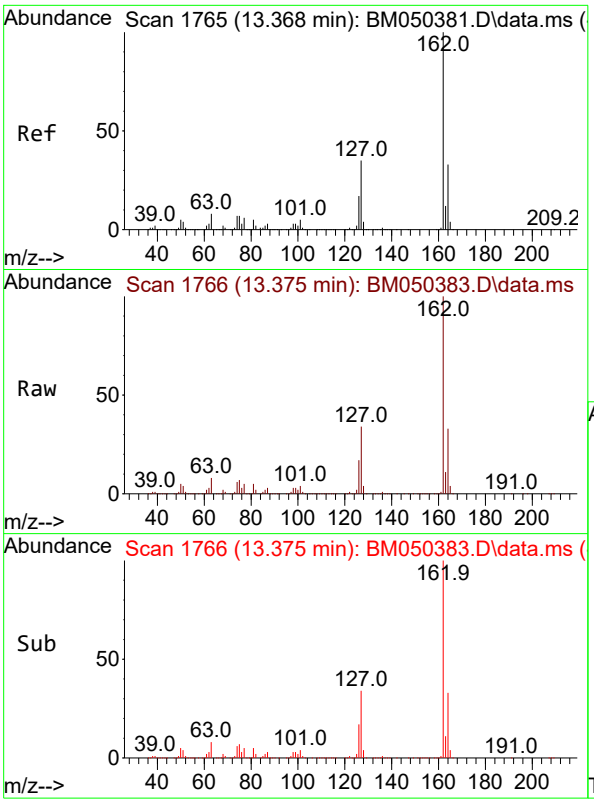


#46
1,1'-Biphenyl
Concen: 61.736 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 4574537

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.9	0.0	30.9



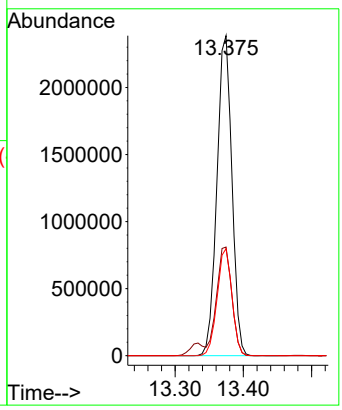


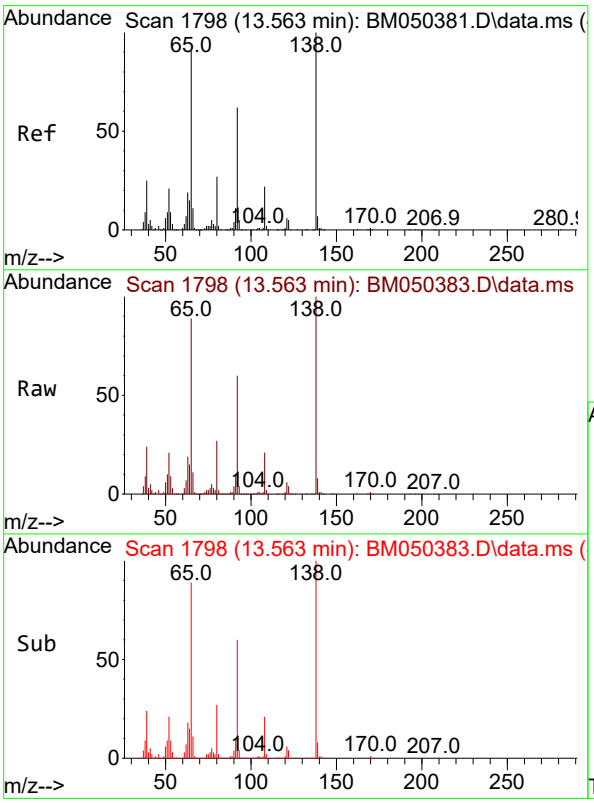
#47
2-Chloronaphthalene
Concen: 61.699 ng
RT: 13.375 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 3645124

Ion	Ratio	Lower	Upper
162	100		
127	34.0	28.3	42.5
164	33.4	26.6	40.0

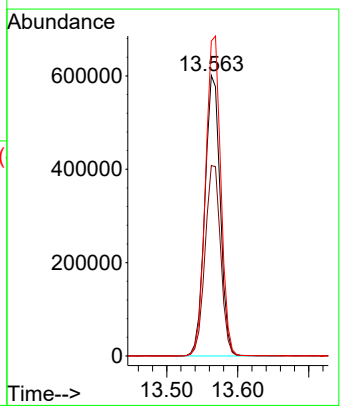


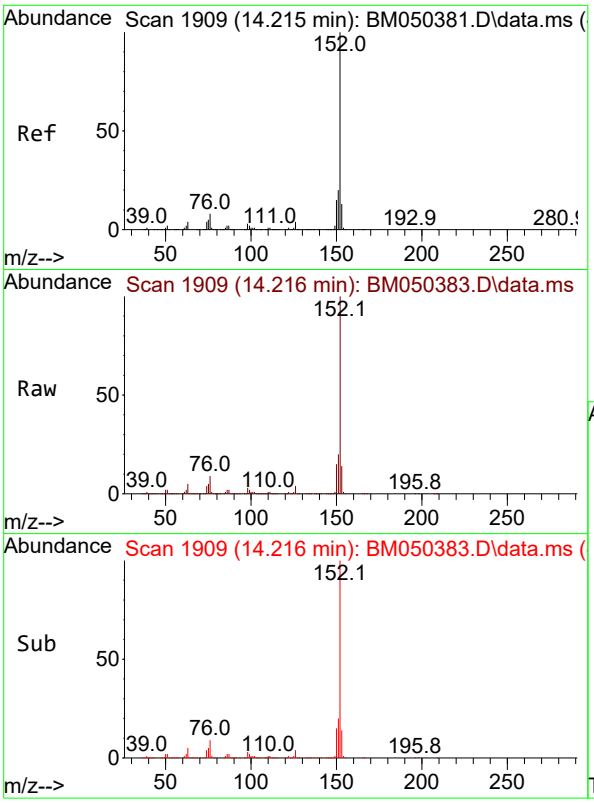


#48
2-Nitroaniline
Concen: 68.554 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion: 65 Resp: 904021

Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.3	81.5
138	112.3	87.8	131.6



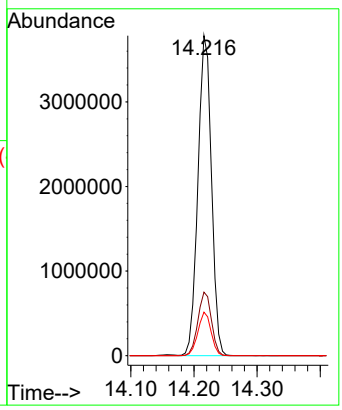


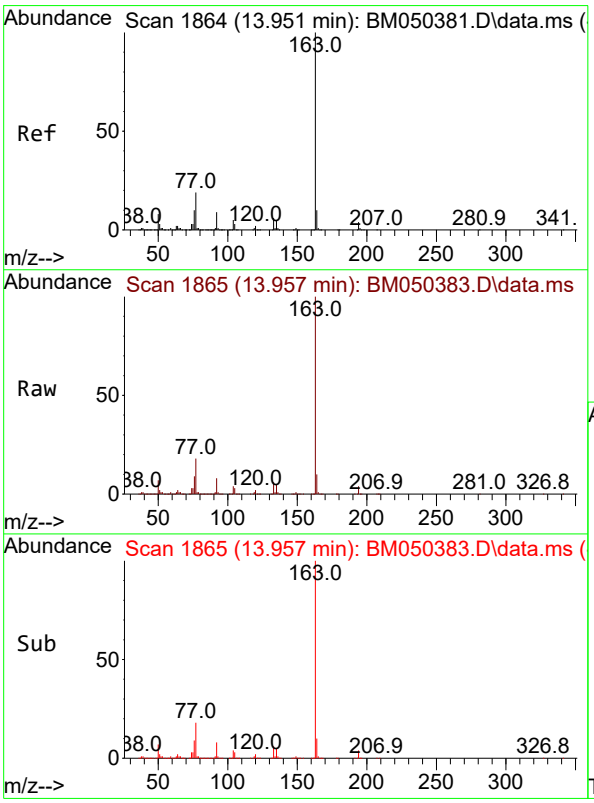
#49
Acenaphthylene
Concen: 62.931 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 5618754

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.6	10.6	15.8

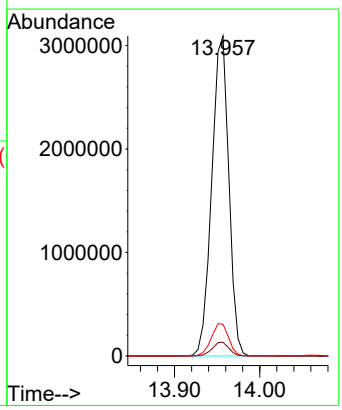


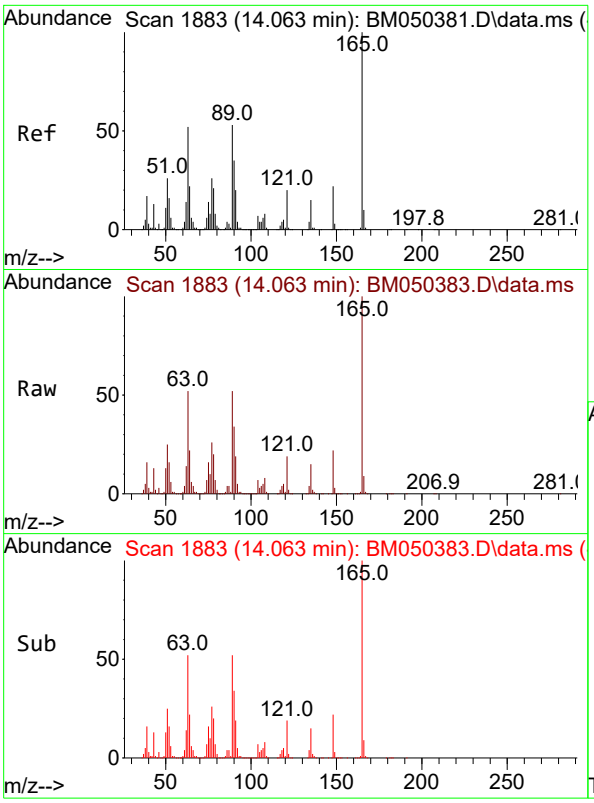


#50
Dimethylphthalate
Concen: 62.407 ng
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:163 Resp: 4291046

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.2	12.2



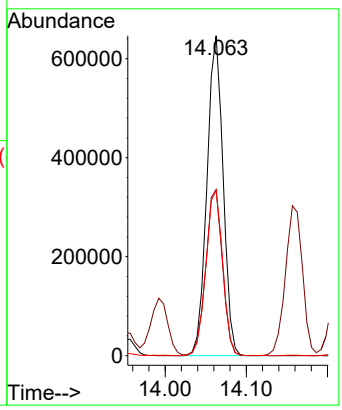


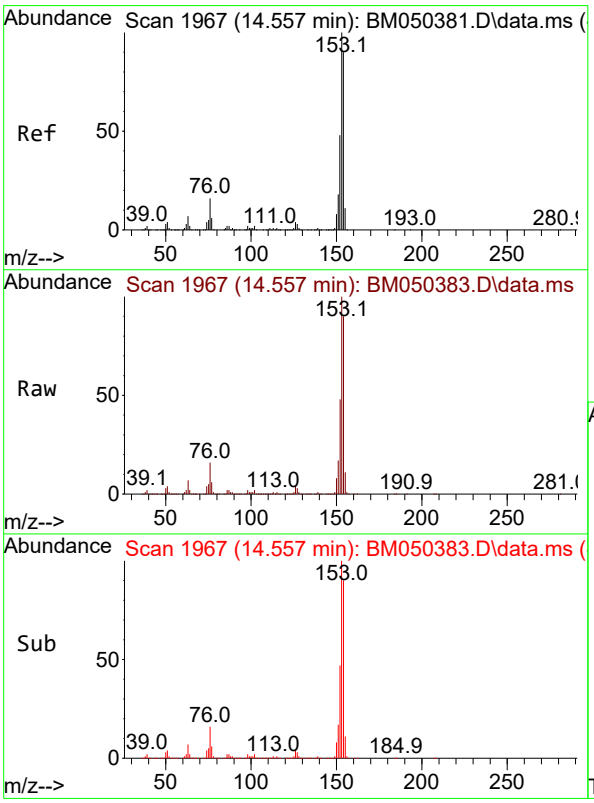
#51
2,6-Dinitrotoluene
Concen: 67.510 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 891260

Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.4	63.6
89	51.8	42.2	63.2

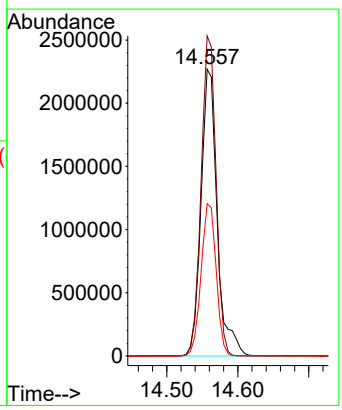


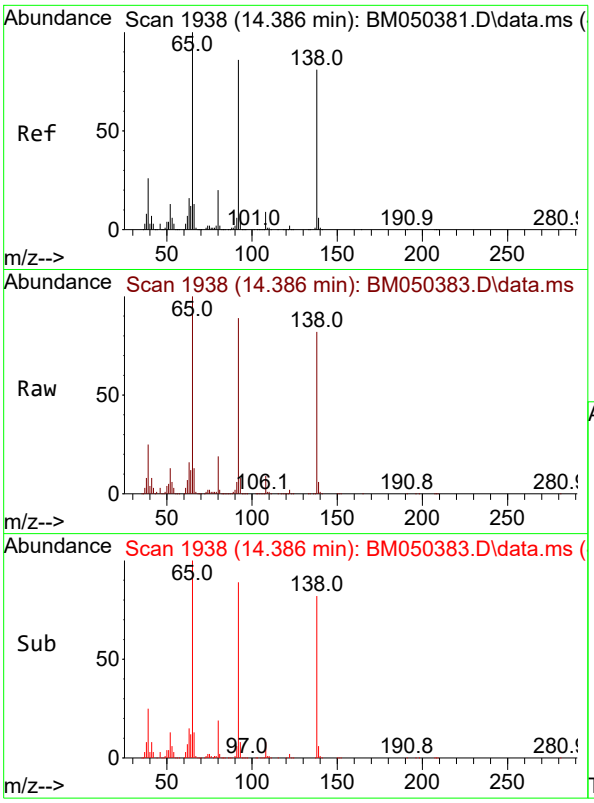


#52
Acenaphthene
Concen: 63.105 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:154 Resp: 3582059

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.2	133.8
152	53.1	42.6	64.0



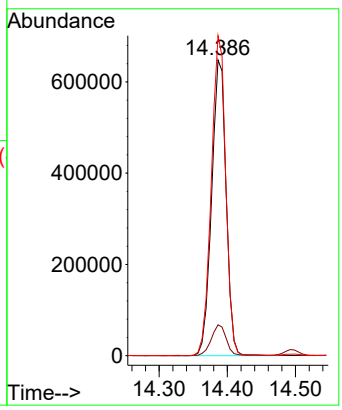


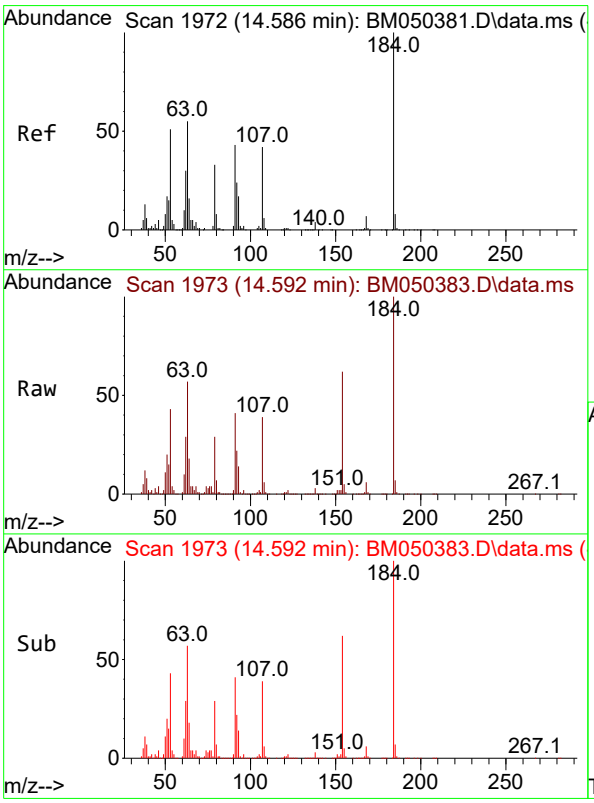
#53
3-Nitroaniline
Concen: 68.179 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 957239

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.8	13.2
92	108.2	85.0	127.6

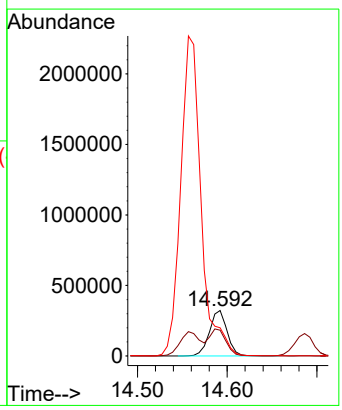


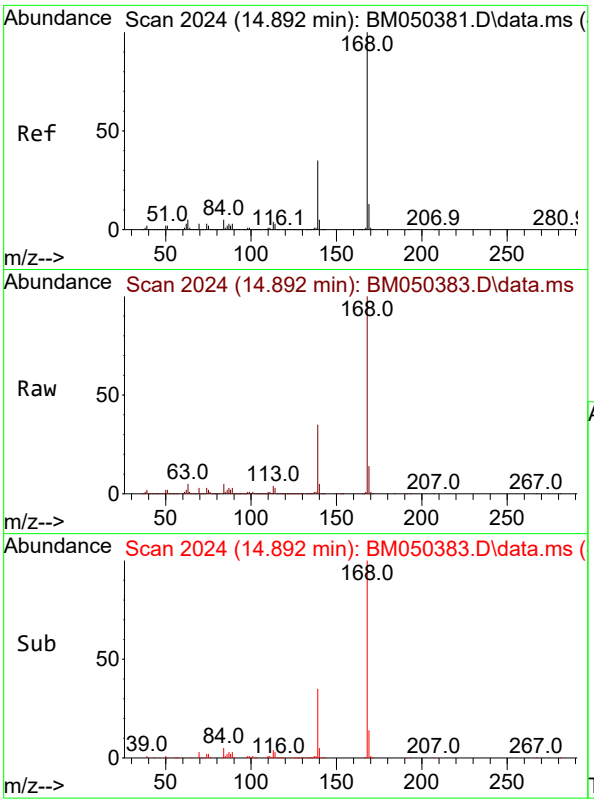


#54
2,4-Dinitrophenol
Concen: 61.898 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:184 Resp: 439445

Ion	Ratio	Lower	Upper
184	100		
63	56.9	53.4	80.0
154	62.1	61.6	92.4



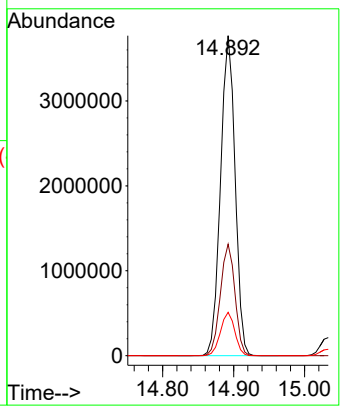


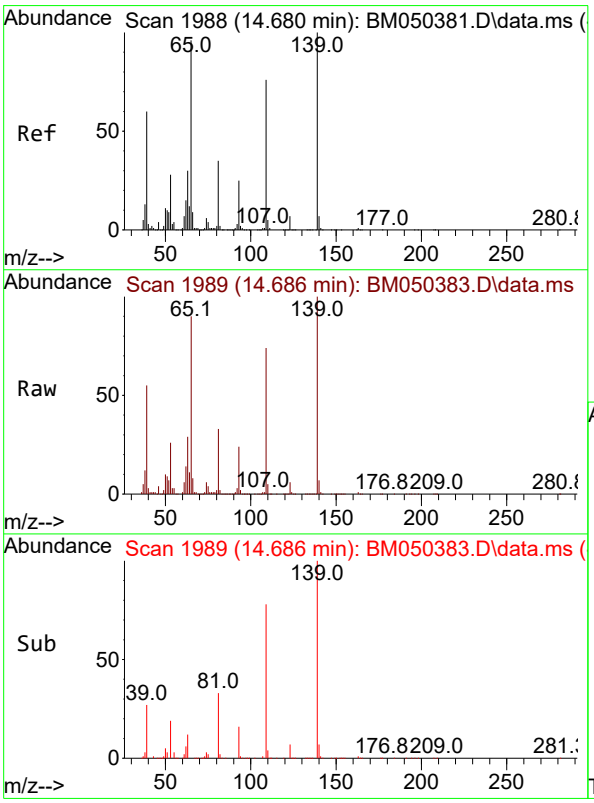
#55
Dibenzofuran
Concen: 61.102 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 5344109

Ion	Ratio	Lower	Upper
168	100		
139	34.8	27.7	41.5
169	13.5	10.7	16.1

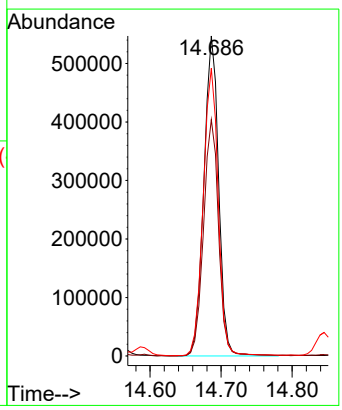


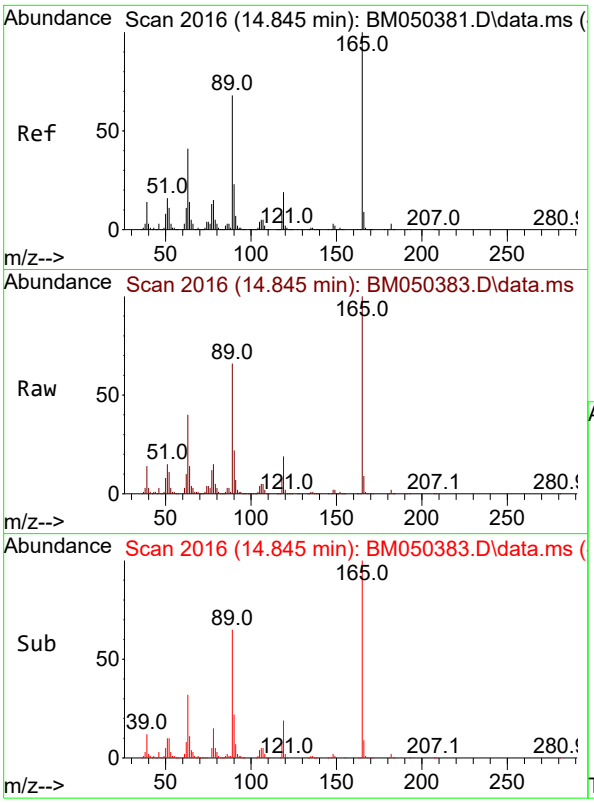


#56
4-Nitrophenol
Concen: 65.804 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:139 Resp: 794516

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	89.9	76.4	116.4



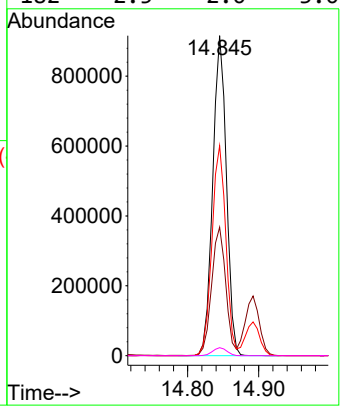


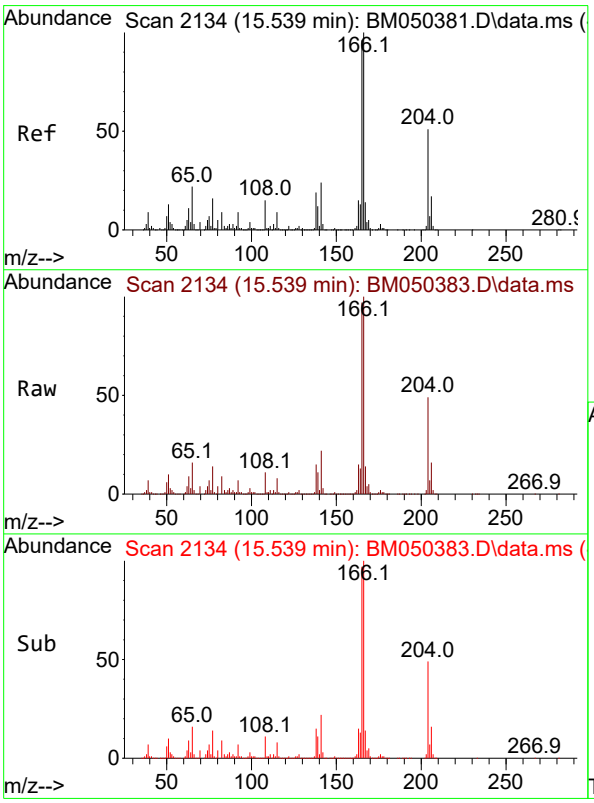
#57
2,4-Dinitrotoluene
Concen: 60.887 ng
RT: 14.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1218665

Ion	Ratio	Lower	Upper
165	100		
63	40.2	32.5	48.7
89	65.6	54.0	81.0
182	2.5	2.0	3.0

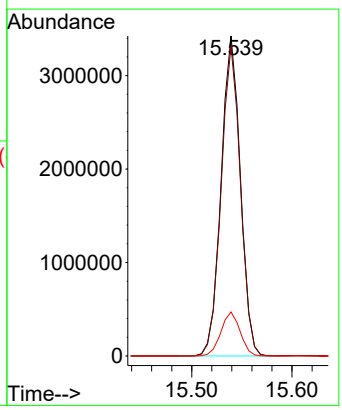


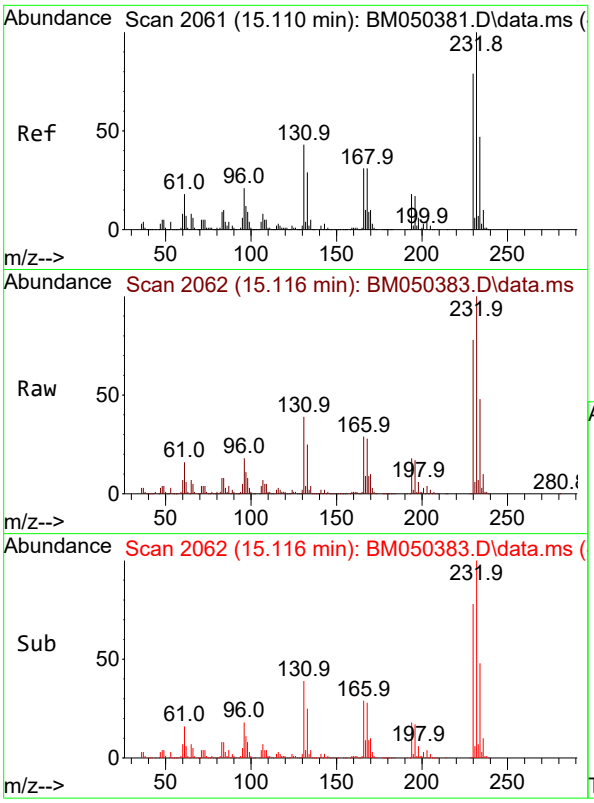


#58
Fluorene
Concen: 63.309 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:166 Resp: 4560797

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.0	115.6
167	13.8	10.9	16.3



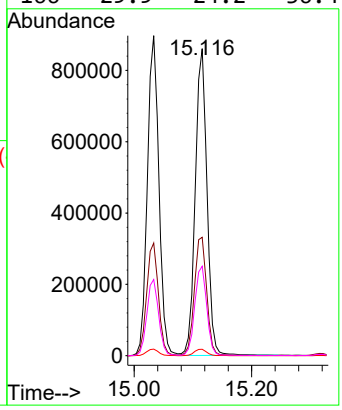


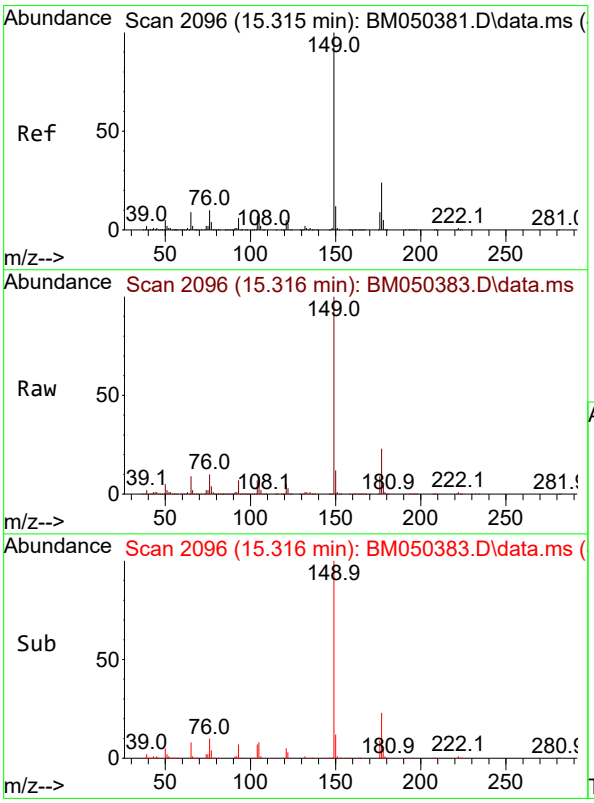
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.202 ng
RT: 15.116 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 1189838

Ion	Ratio	Lower	Upper
232	100		
131	40.7	33.4	50.0
130	2.2	1.8	2.6
166	29.9	24.2	36.4

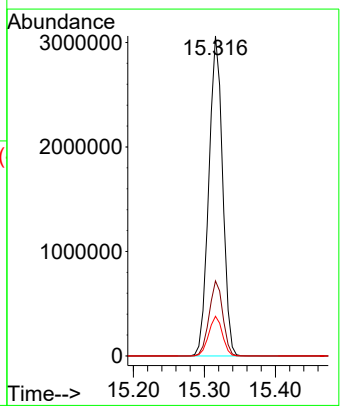


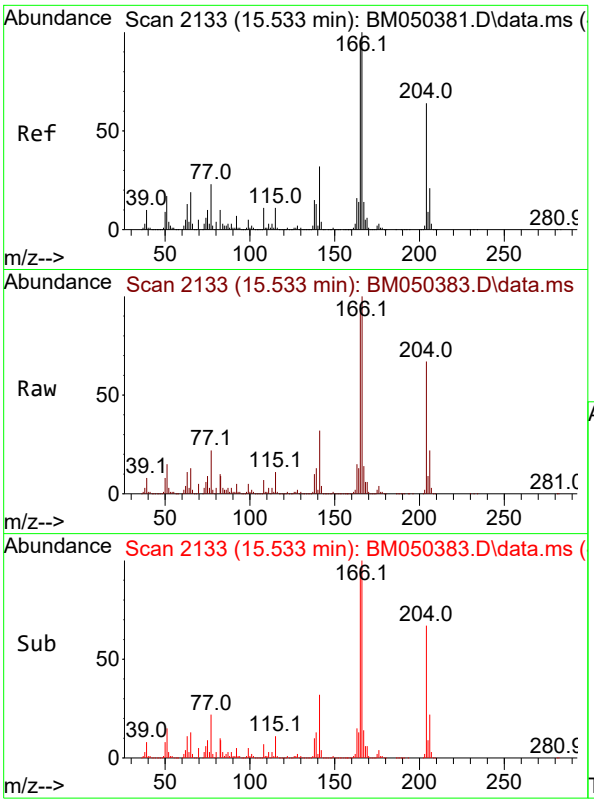


#60
Diethylphthalate
Concen: 62.882 ng
RT: 15.316 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4130183

Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.8	28.2
150	12.4	9.8	14.8



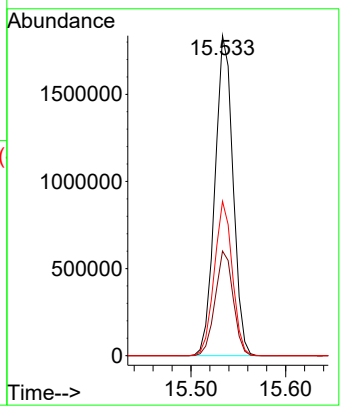


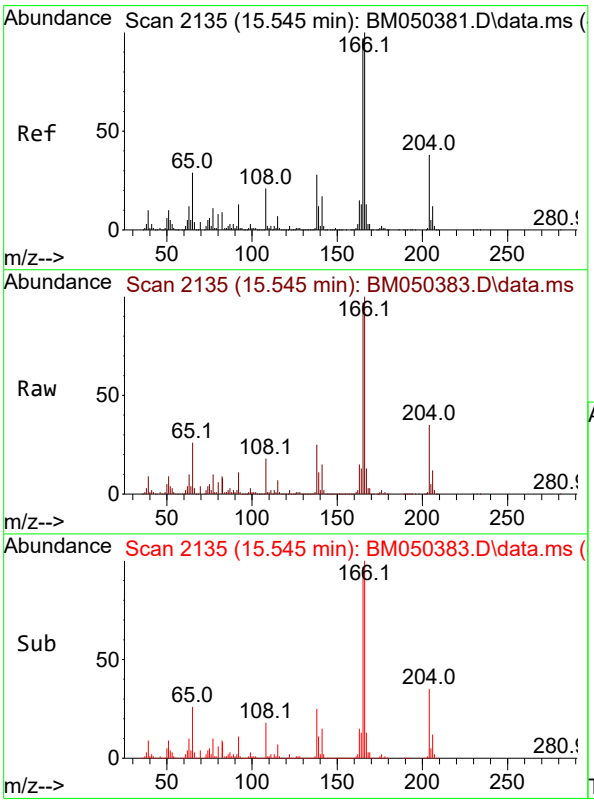
#61
4-Chlorophenyl-phenylether
Concen: 64.533 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 2430909

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	48.2	39.9	59.9

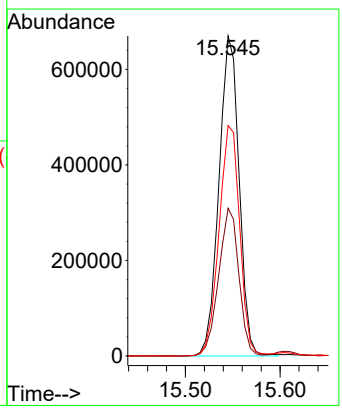


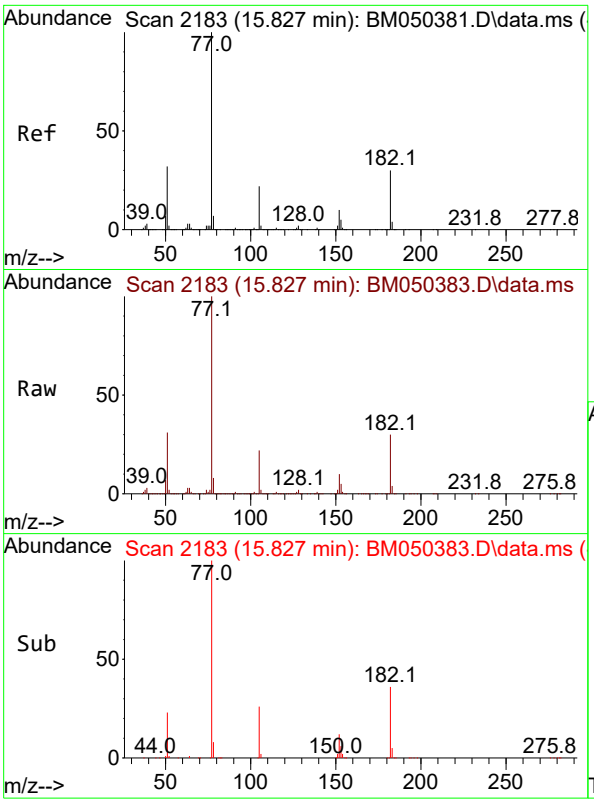


#62
4-Nitroaniline
Concen: 60.686 ng
RT: 15.545 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:138 Resp: 991212

Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.5	64.5
108	72.0	52.5	92.5



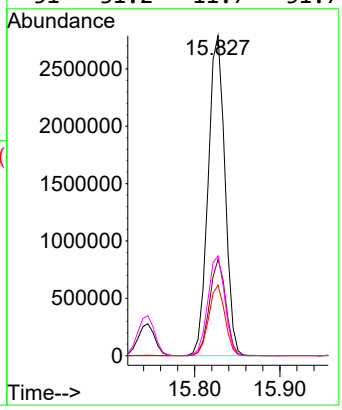


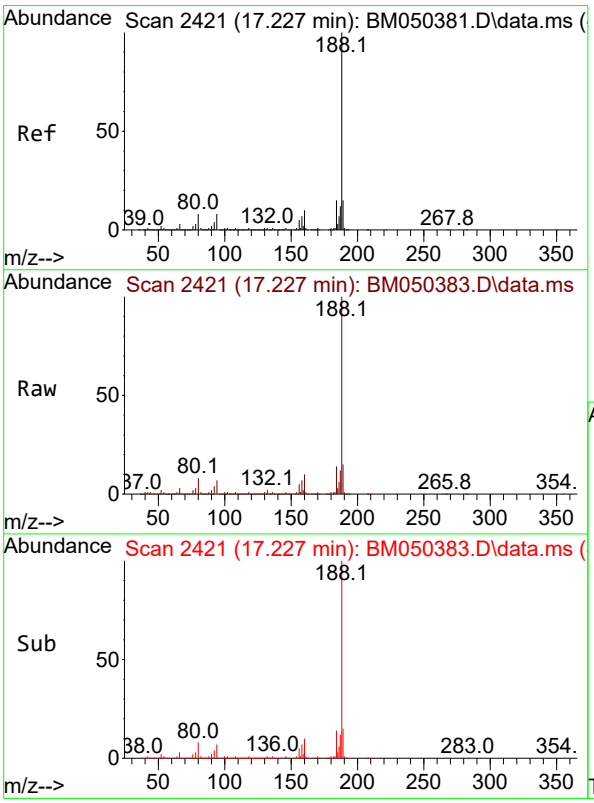
#63
Azobenzene
Concen: 63.206 ng
RT: 15.827 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3812033

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	22.0	2.0	42.0
51	31.2	11.7	51.7

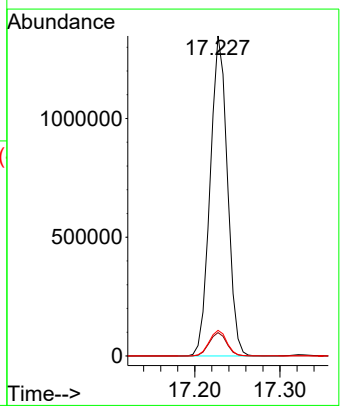


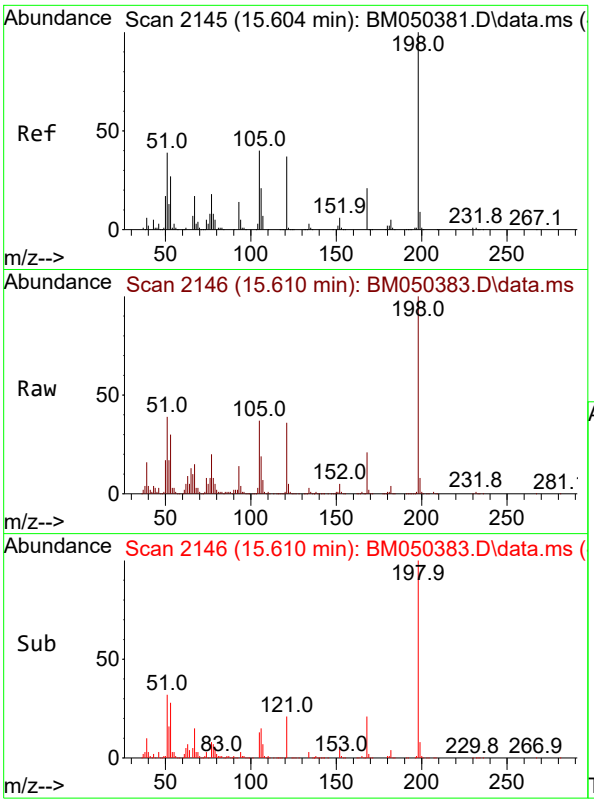


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:188 Resp: 1896999

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7



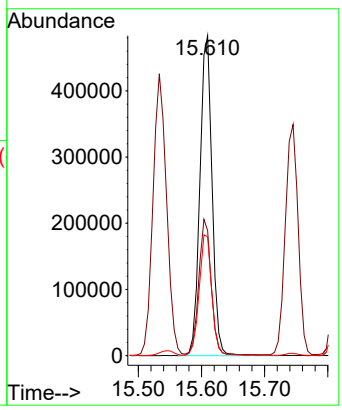


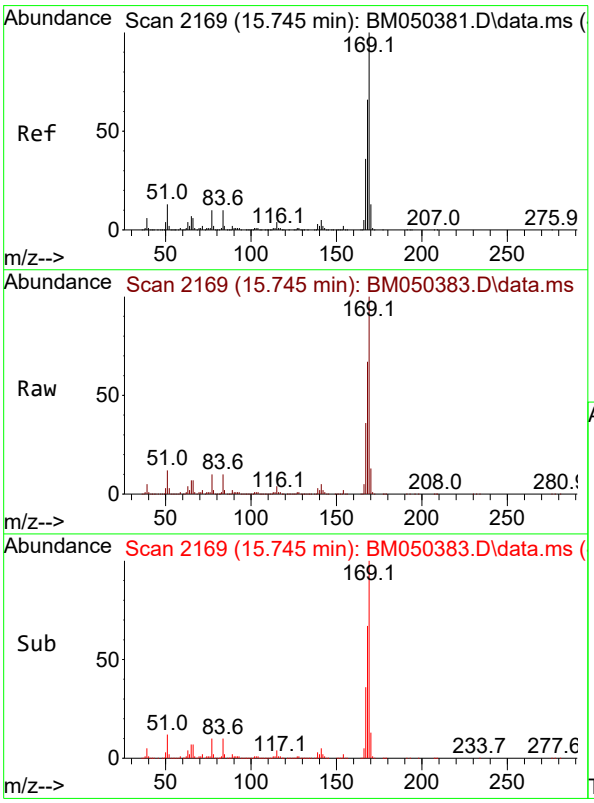
#65
4,6-Dinitro-2-methylphenol
Concen: 61.235 ng
RT: 15.610 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 645034

Ion	Ratio	Lower	Upper
198	100		
51	39.1	26.6	66.6
105	37.2	20.9	60.9

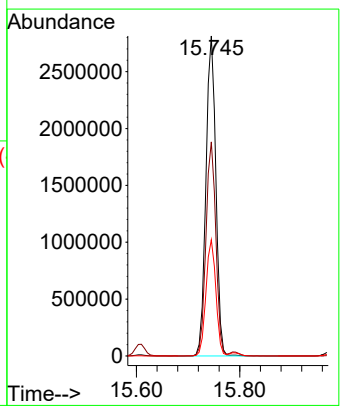


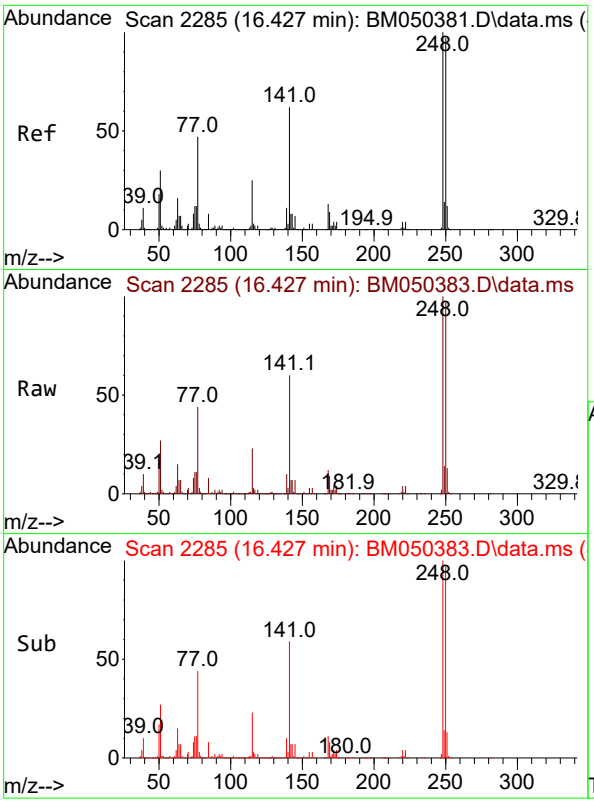


#66
n-Nitrosodiphenylamine
Concen: 63.087 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:169 Resp: 3744872

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.2	79.8
167	36.3	28.7	43.1



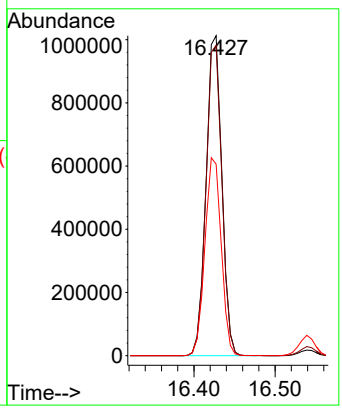


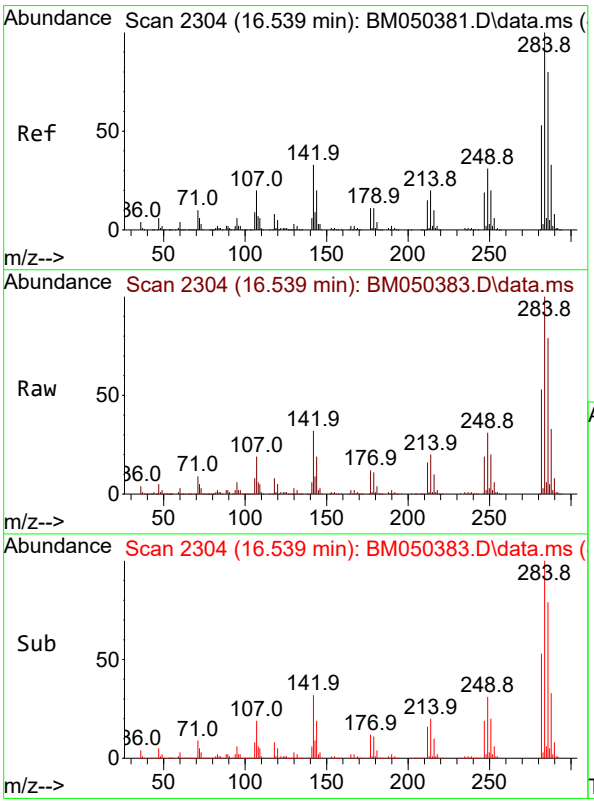
#67
4-Bromophenyl-phenylether
Concen: 65.485 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1368680

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.9	116.9
141	59.8	49.7	74.5

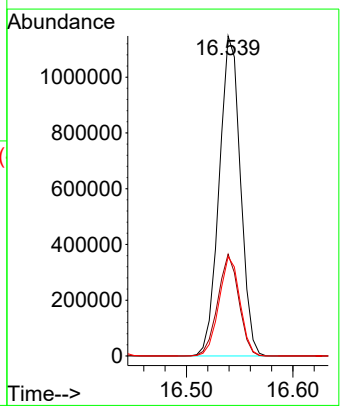


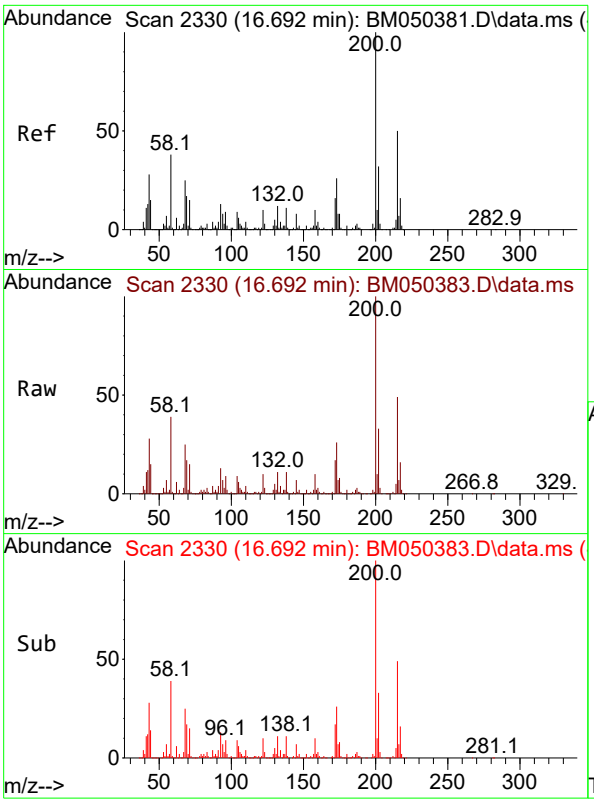


#68
Hexachlorobenzene
Concen: 64.288 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:284 Resp: 1586965

Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.8	40.2
249	31.0	24.5	36.7



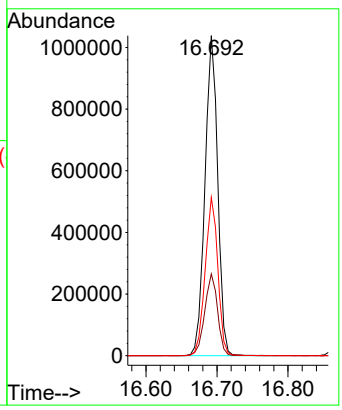


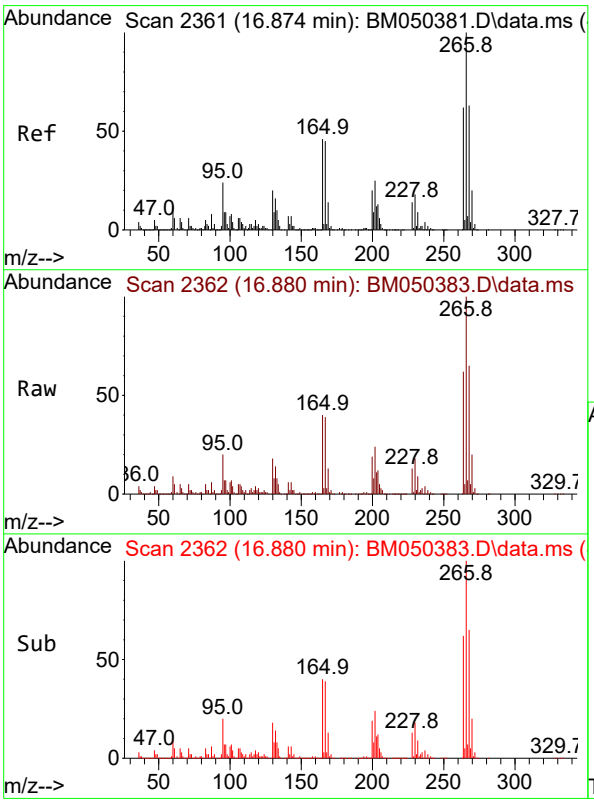
#69
Atrazine
Concen: 66.510 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 1296405

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.6	45.6
215	49.5	29.6	69.6

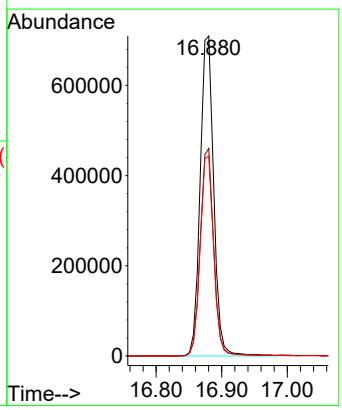


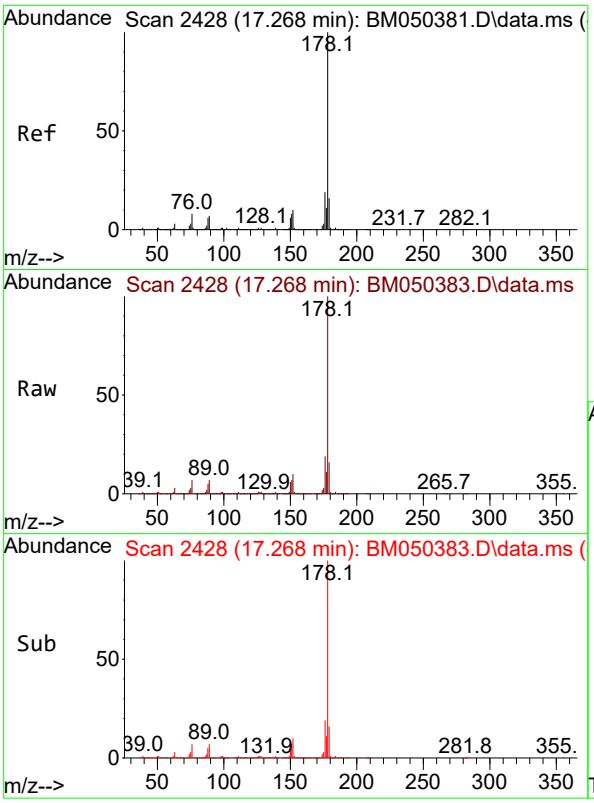


#70
Pentachlorophenol
Concen: 66.535 ng
RT: 16.880 min Scan# 2362
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:266 Resp: 1022433

Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.5	75.7
264	62.5	49.9	74.9



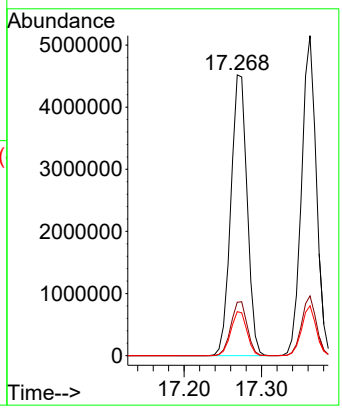


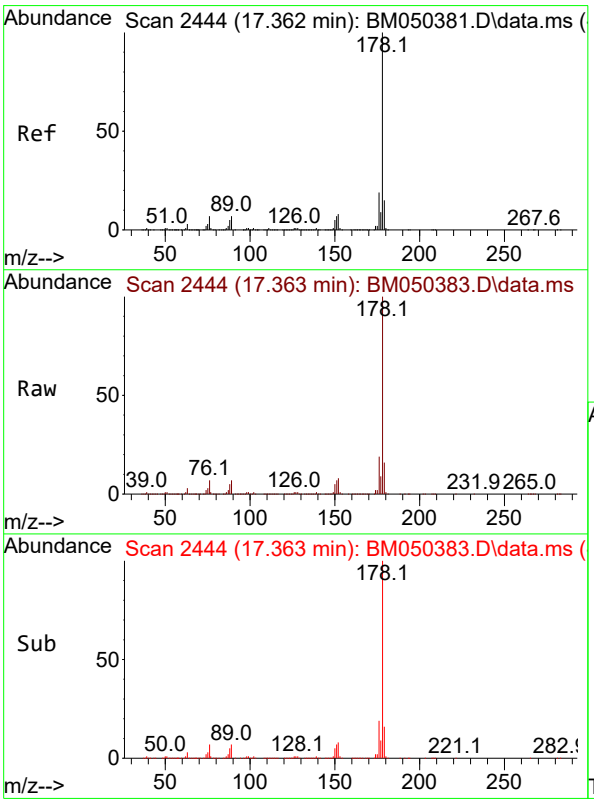
#71
Phenanthrene
Concen: 61.658 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 6618592

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.7	12.5	18.7

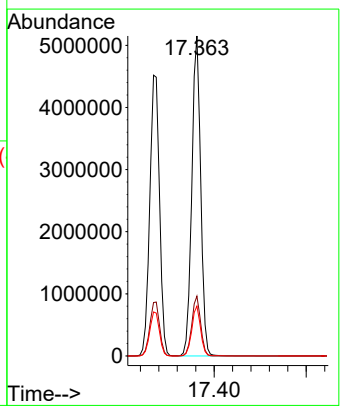


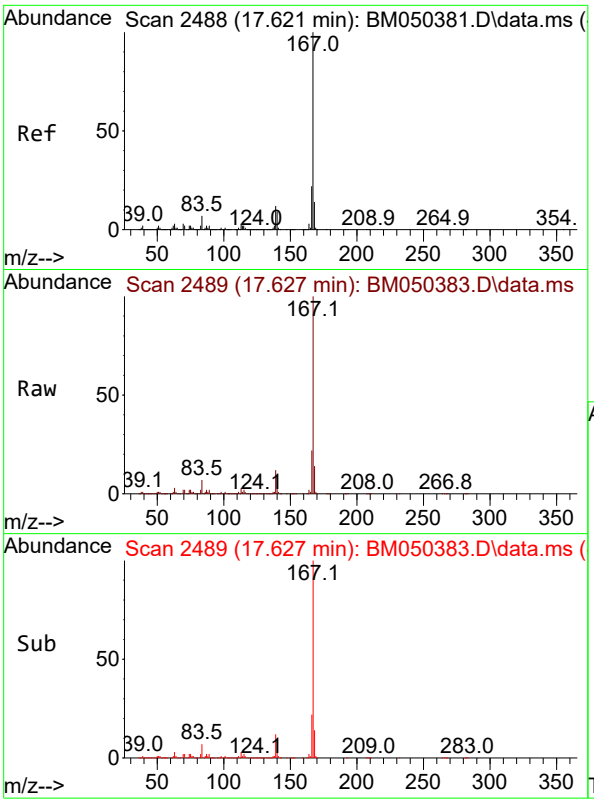


#72
Anthracene
Concen: 64.102 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:178 Resp: 6849285

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.6	12.2	18.4



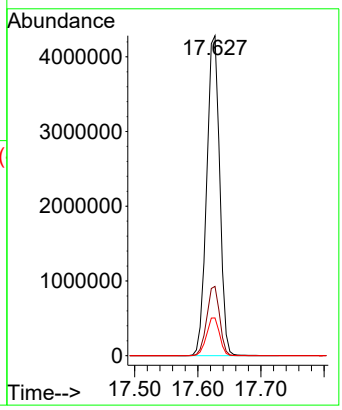


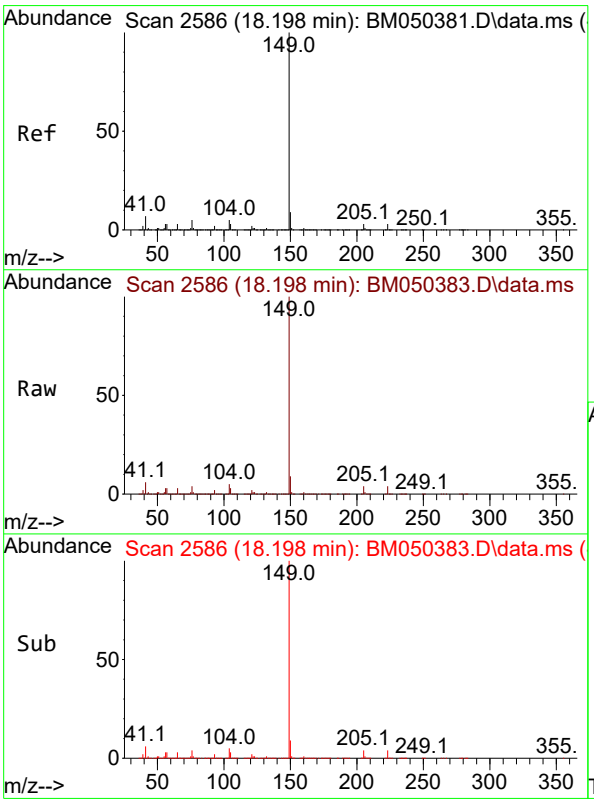
#73
Carbazole
Concen: 63.161 ng
RT: 17.627 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 6106388

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.8	9.9	14.9

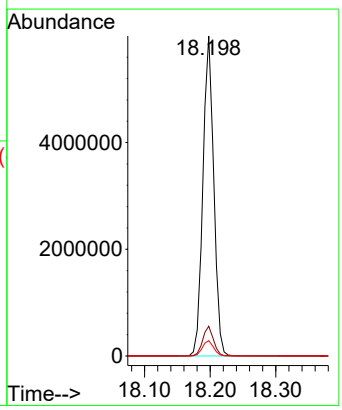


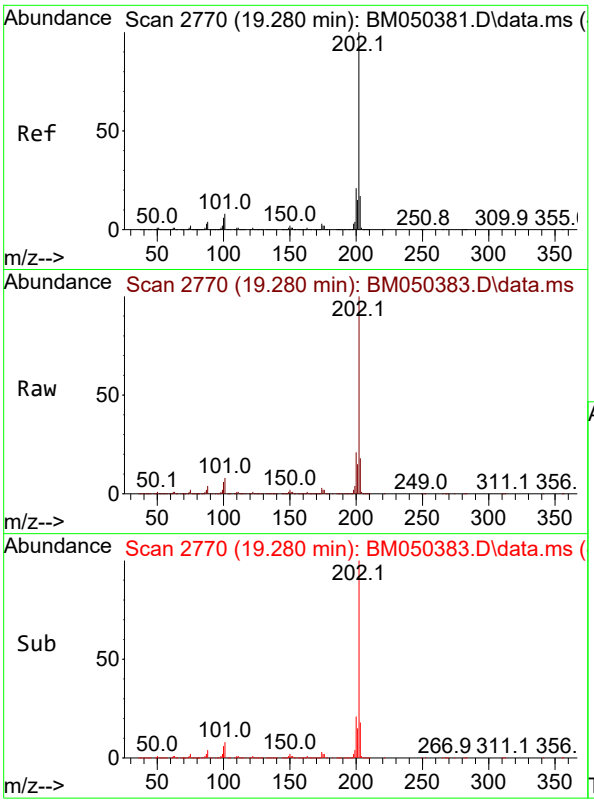


#74
Di-n-butylphthalate
Concen: 65.398 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 6920453

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.9	5.9



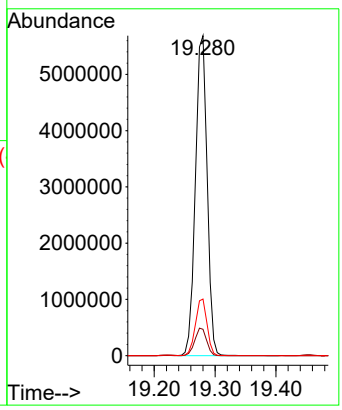


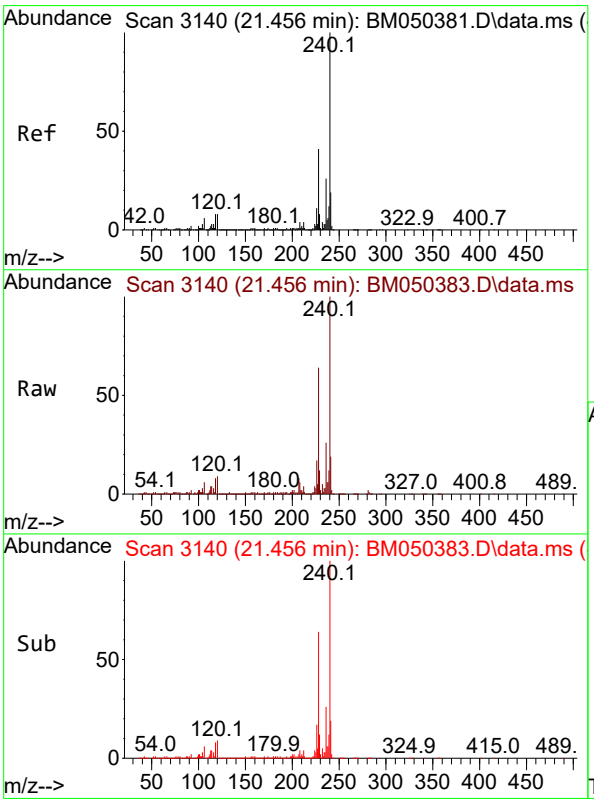
#75
Fluoranthene
Concen: 65.290 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 7618952

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.7	0.0	37.2

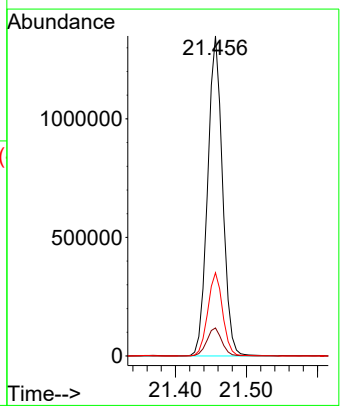


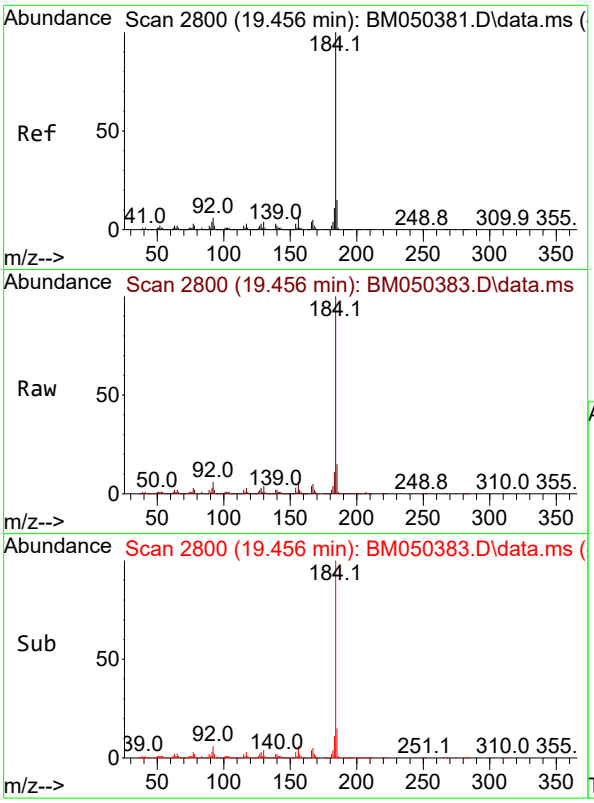


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:240 Resp: 1968054

Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.7	10.1
236	26.0	20.7	31.1



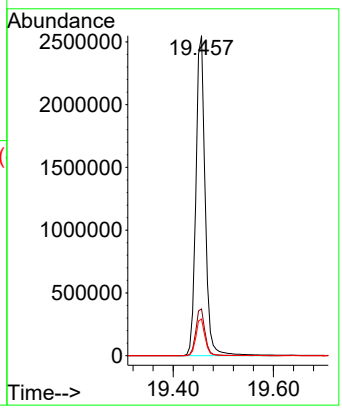


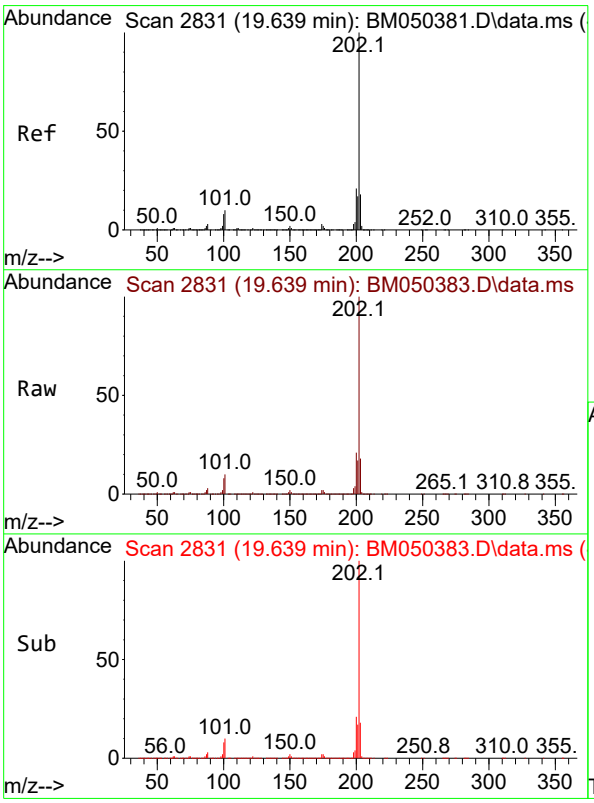
#77
Benzidine
Concen: 64.872 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 3256422

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.5	9.0	13.6

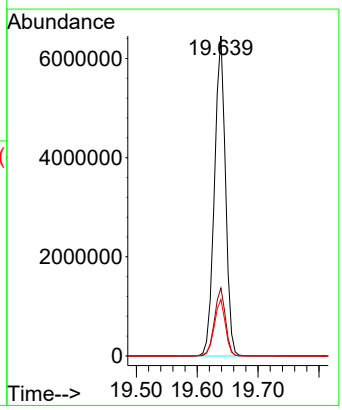


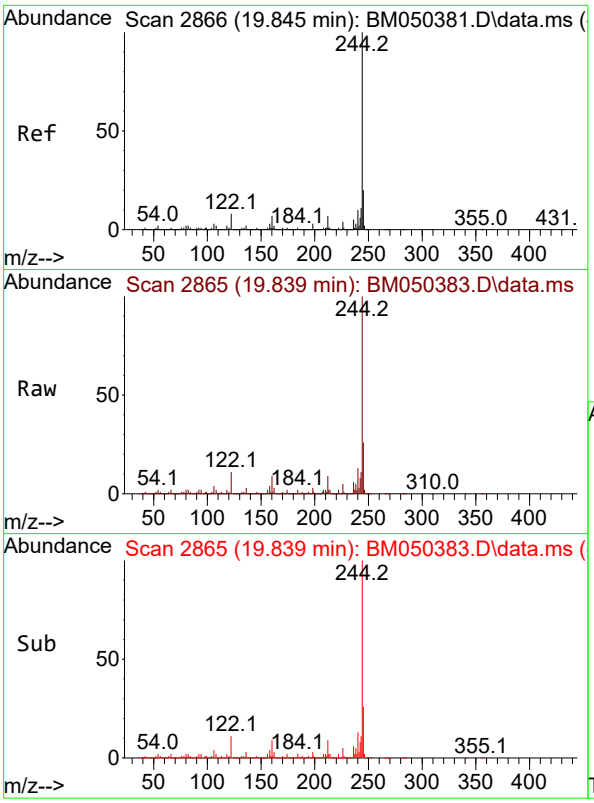


#78
Pyrene
Concen: 64.009 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:202 Resp: 8067941

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.7	14.1	21.1



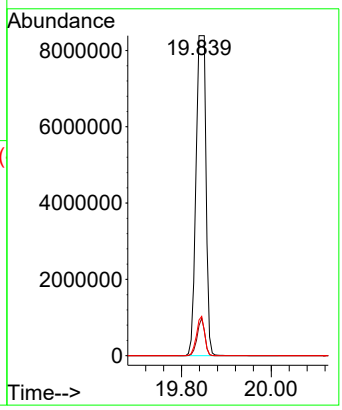


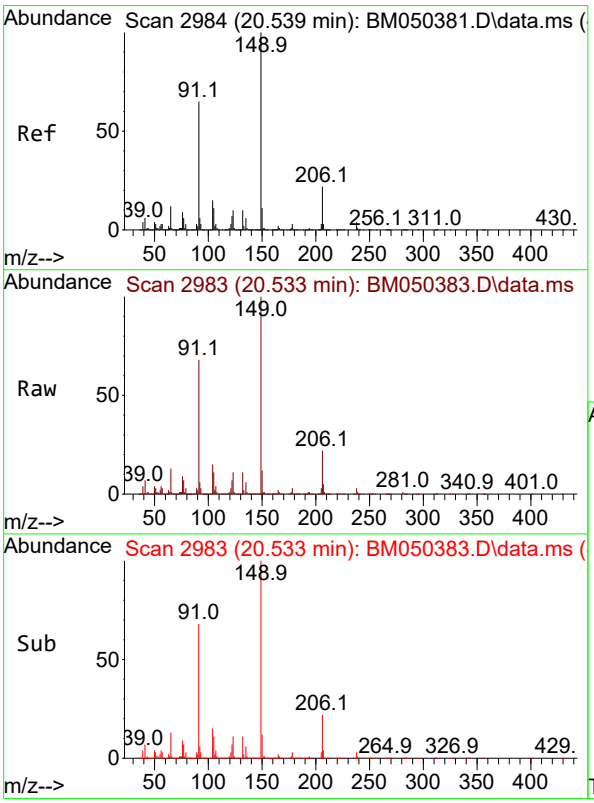
#79
Terphenyl-d14
Concen: 115.460 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:12914894

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.7	8.5#
122	11.2	6.2	9.2#

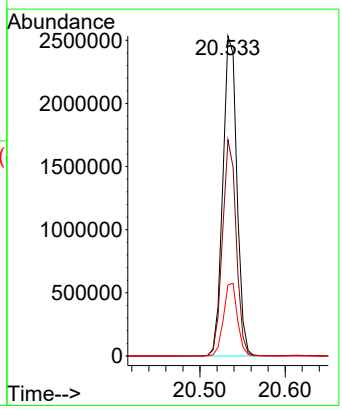


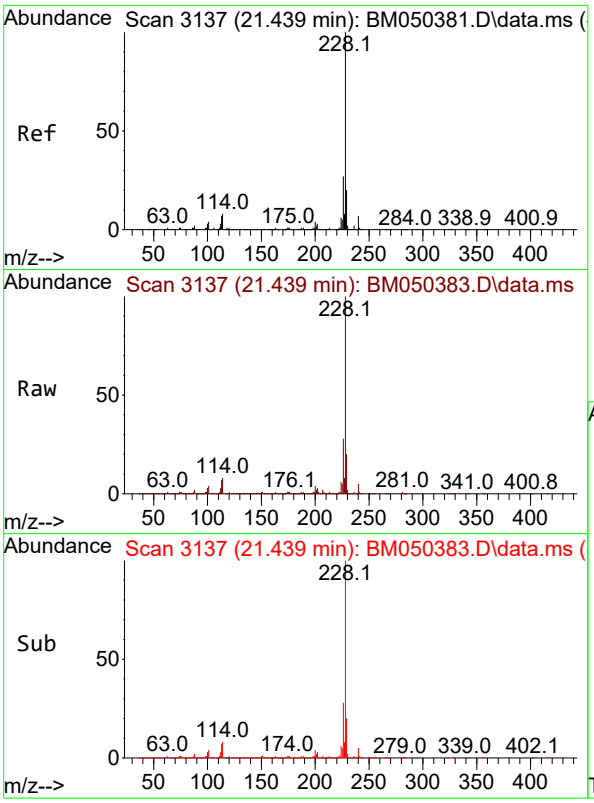


#80
Butylbenzylphthalate
Concen: 69.782 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 2900200

Ion	Ratio	Lower	Upper
149	100		
91	67.6	51.6	77.4
206	22.2	17.8	26.8



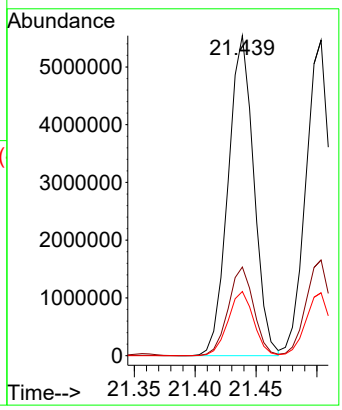


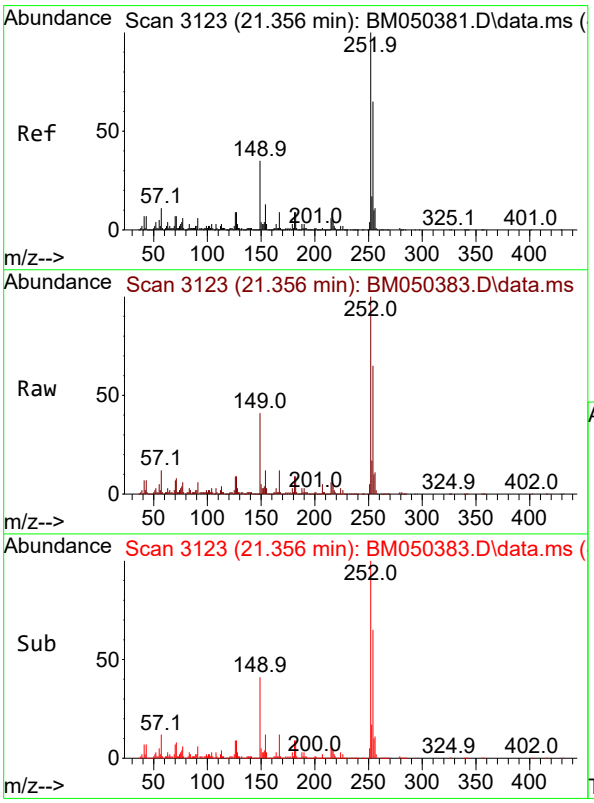
#81
Benzo(a)anthracene
Concen: 63.495 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 8142088

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.1	16.0	24.0

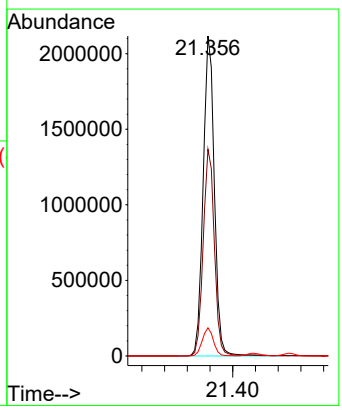


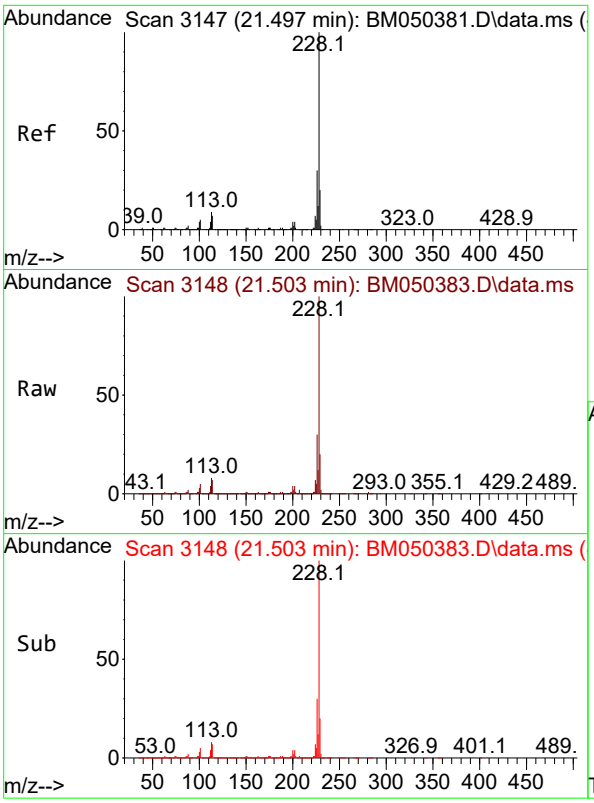


#82
3,3'-Dichlorobenzidine
Concen: 66.553 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 2878037

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	8.8	7.3	10.9



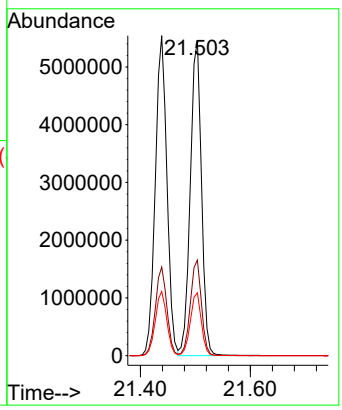


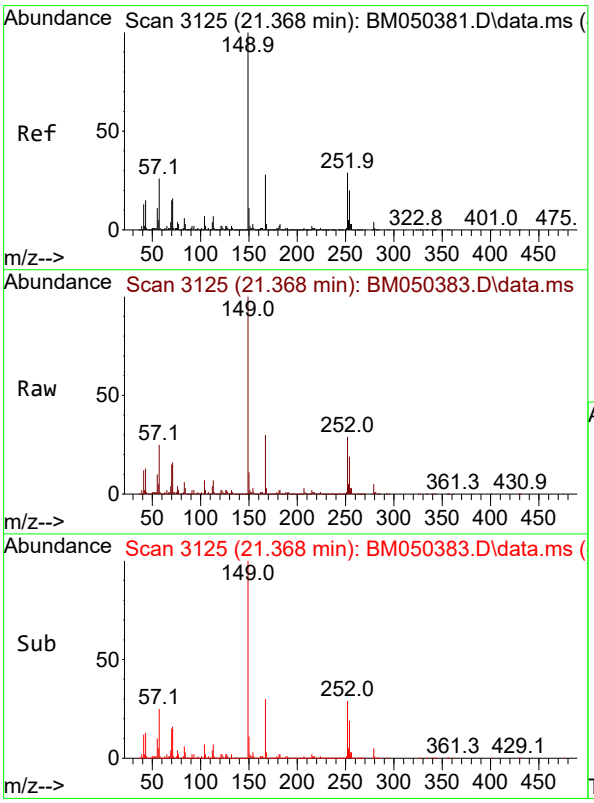
#83
Chrysene
Concen: 63.587 ng
RT: 21.503 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 7690956

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.9	15.8	23.6

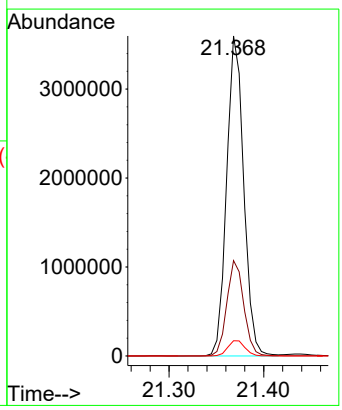


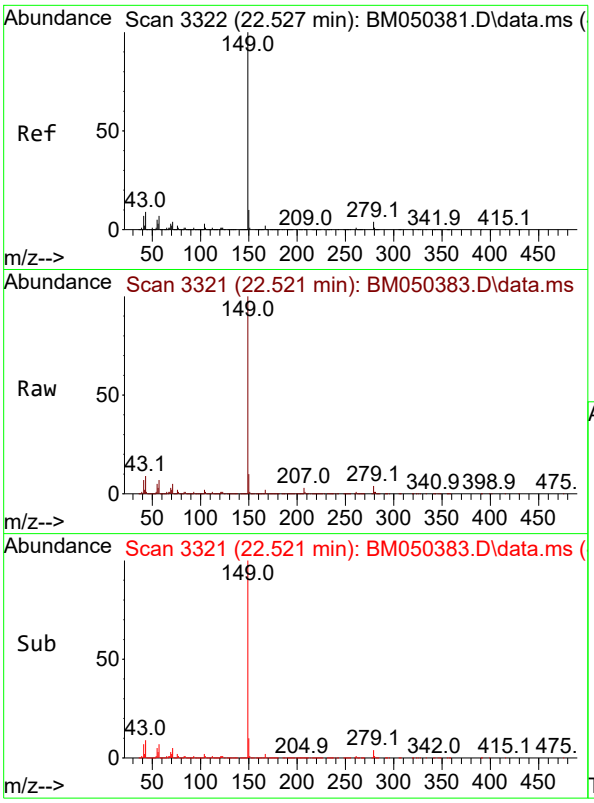


#84
Bis(2-ethylhexyl)phthalate
Concen: 68.268 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:149 Resp: 4504059

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.7	34.1
279	4.7	3.5	5.3



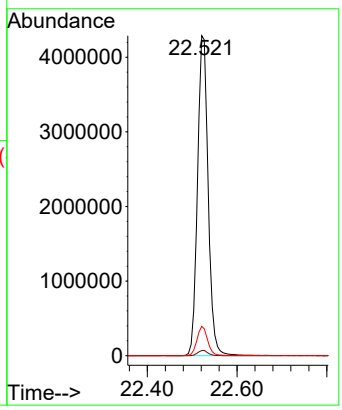


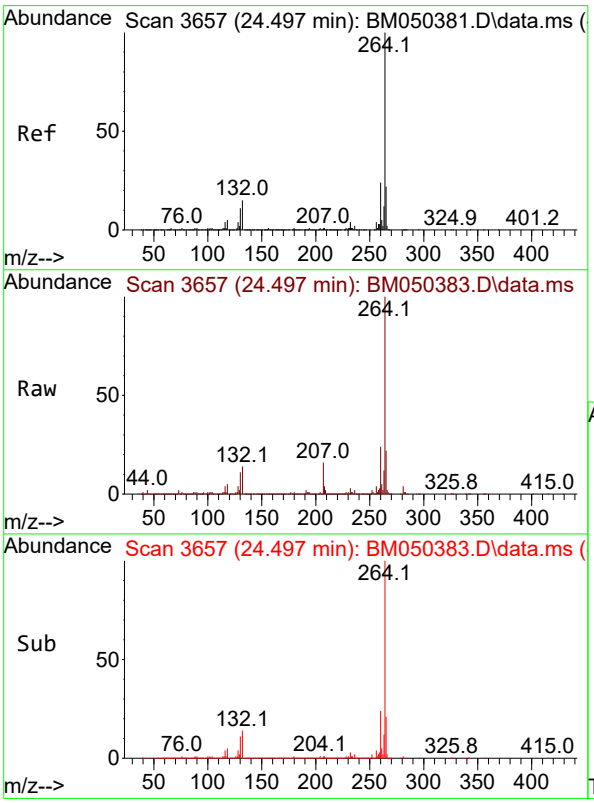
#85
Di-n-octyl phthalate
Concen: 68.206 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 7047940

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.7	11.5

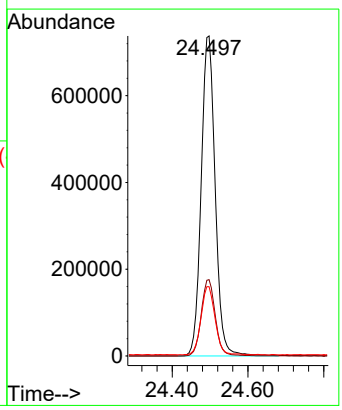


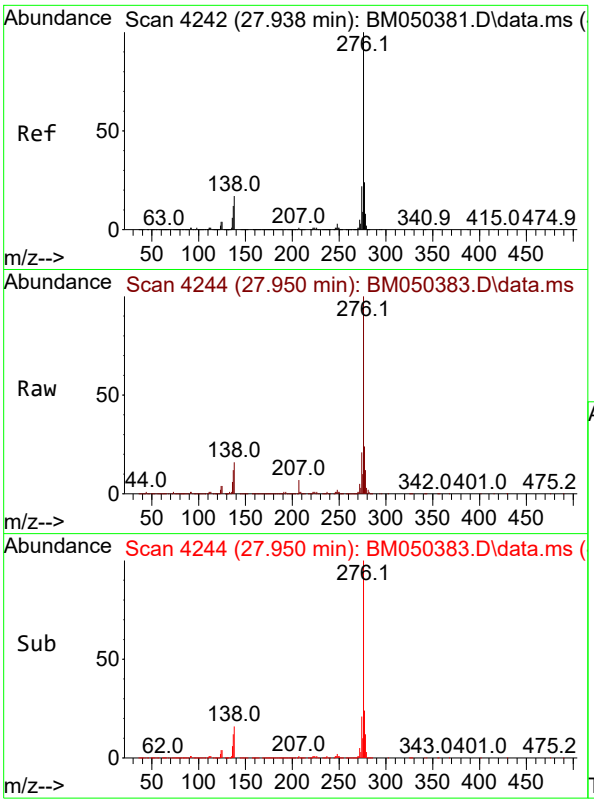


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:264 Resp: 1889317

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.8	26.6



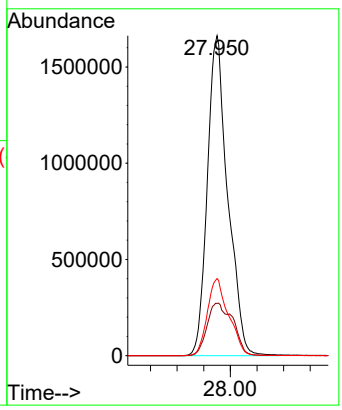


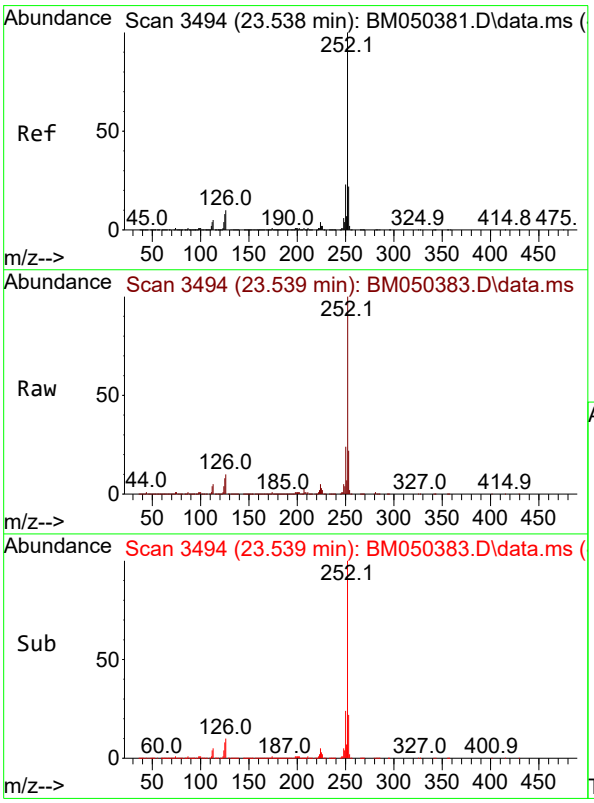
#87
Indeno(1,2,3-cd)pyrene
Concen: 66.007 ng
RT: 27.950 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 8866549

Ion	Ratio	Lower	Upper
276	100		
138	20.9	17.0	25.6
277	25.2	20.0	30.0

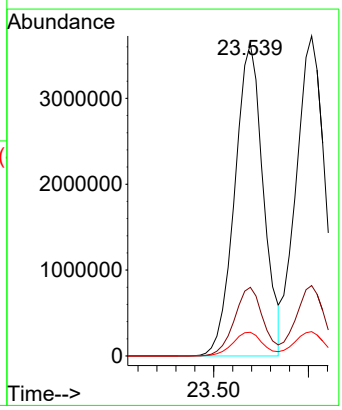


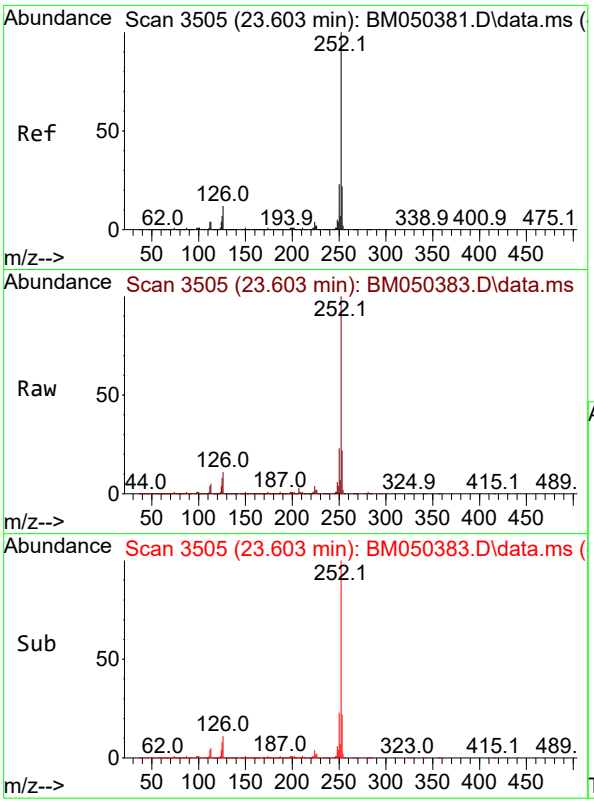


#88
Benzo(b)fluoranthene
Concen: 65.548 ng
RT: 23.539 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7617485

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.6	6.3	9.5



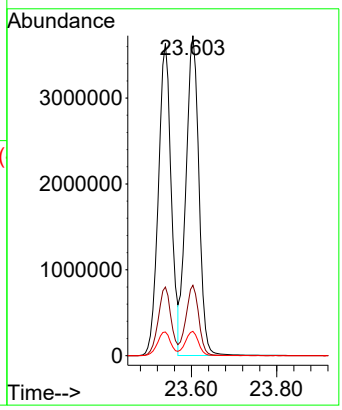


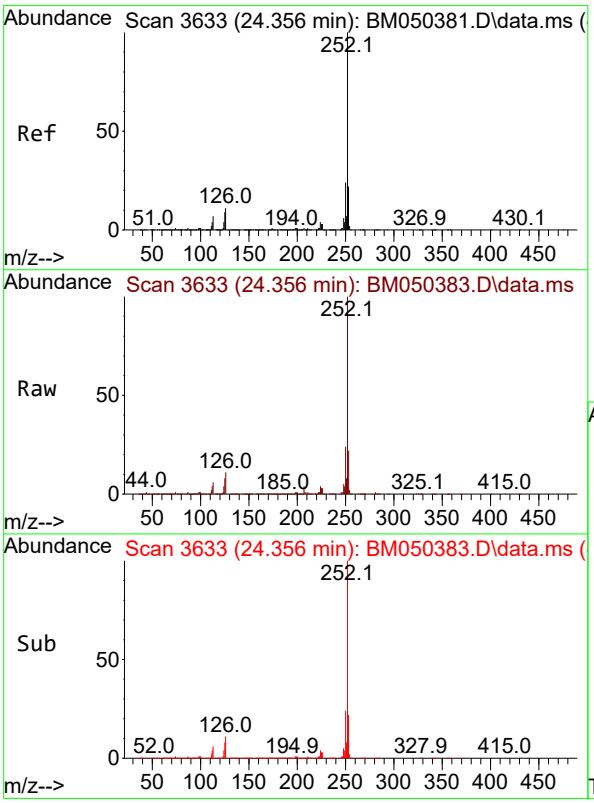
#89
Benzo(k)fluoranthene
Concen: 65.192 ng
RT: 23.603 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 7861158

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.6	6.2	9.2

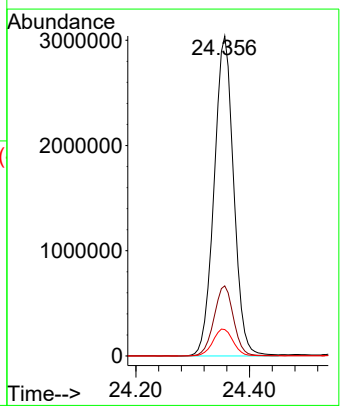


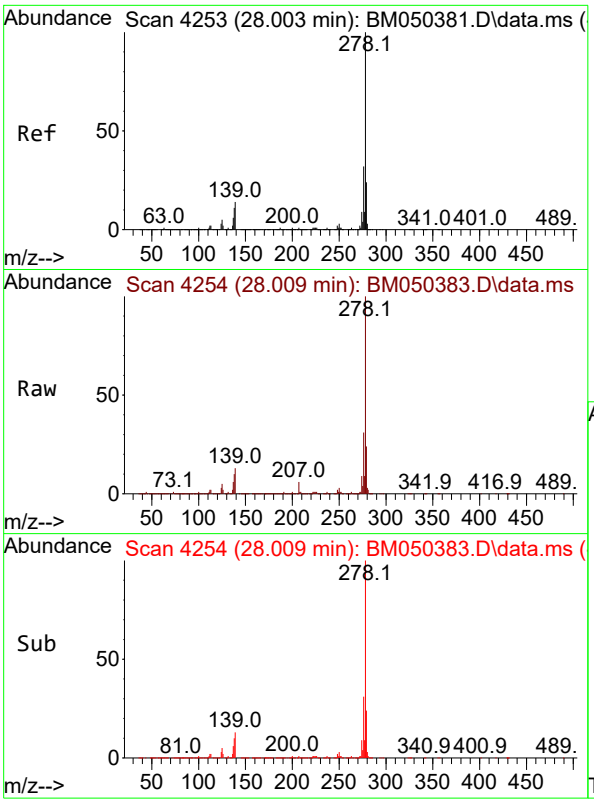


#90
Benzo(a)pyrene
Concen: 66.744 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:252 Resp: 7260855

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.2	7.0	10.4



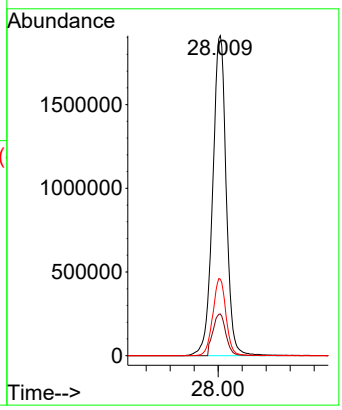


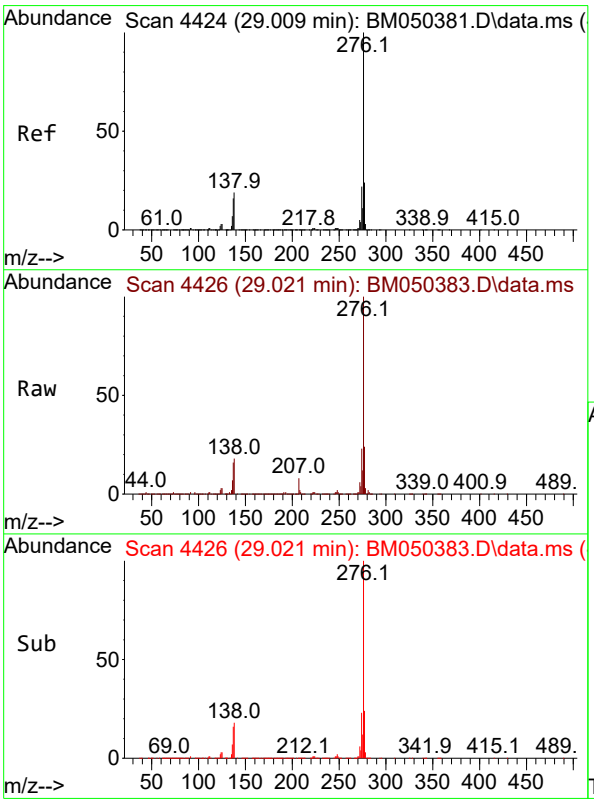
#91
Dibenzo(a,h)anthracene
Concen: 66.155 ng
RT: 28.009 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 7483970

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.9	19.4	29.0

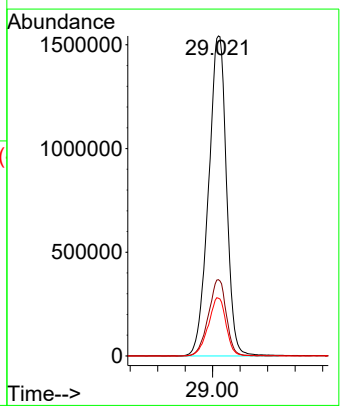




#92
Benzo(g,h,i)perylene
Concen: 65.319 ng
RT: 29.021 min Scan# 4426
Delta R.T. 0.012 min
Lab File: BM050383.D
Acq: 08 Jul 2025 16:41

Tgt Ion:276 Resp: 6983867

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.1	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	429681	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	1643859	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	1043719	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1944455	20.000	ng	0.00
76) Chrysene-d12	21.457	240	2055292	20.000	ng	0.00
86) Perylene-d12	24.498	264	1953481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	4014825	160.835	ng	0.00
7) Phenol-d6	7.028	99	5149049	163.630	ng	0.00
23) Nitrobenzene-d5	9.028	82	5264647	163.391	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	2335664	184.182	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	13148691	155.576	ng	0.00
79) Terphenyl-d14	19.839	244	14435460	123.577	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	785309	76.507	ng	99
3) Pyridine	3.734	79	2123609	78.804	ng	98
4) n-Nitrosodimethylamine	3.640	42	970223	77.228	ng	96
6) Aniline	7.193	93	3301305	81.748	ng	99
8) 2-Chlorophenol	7.428	128	2162654	82.163	ng	99
10) Phenol	7.052	94	2637766	80.368	ng	100
11) bis(2-Chloroethyl)ether	7.287	93	2092911	79.625	ng	99
12) 1,3-Dichlorobenzene	7.757	146	2517372	78.654	ng	98
13) 1,4-Dichlorobenzene	7.904	146	2555213	78.187	ng	99
14) 1,2-Dichlorobenzene	8.222	146	2454039	78.434	ng	99
15) Benzyl Alcohol	8.104	79	1807870	81.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	2991629	77.270	ng	99
17) 2-Methylphenol	8.304	107	1732716	81.397	ng	99
18) Hexachloroethane	8.951	117	932539	81.135	ng	99
19) n-Nitroso-di-n-propyla...	8.681	70	1587587	83.281	ng	95
20) 3+4-Methylphenols	8.634	107	2300155	80.491	ng	100
22) Acetophenone	8.687	105	3217324	78.279	ng	98
24) Nitrobenzene	9.063	77	2296616	79.875	ng	100
25) Isophorone	9.598	82	4289620	82.044	ng	100
26) 2-Nitrophenol	9.775	139	1095059	93.448	ng	97
27) 2,4-Dimethylphenol	9.834	122	2026460	81.267	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	2760921	79.691	ng	99
29) 2,4-Dichlorophenol	10.310	162	2134843	83.334	ng	98
30) 1,2,4-Trichlorobenzene	10.528	180	2483928	81.052	ng	99
31) Naphthalene	10.716	128	6520664	78.095	ng	100
32) Benzoic acid	9.993	122	1311597	81.001	ng	97
33) 4-Chloroaniline	10.816	127	2873151	81.395	ng	99
34) Hexachlorobutadiene	11.010	225	1546563	82.684	ng	100
35) Caprolactam	11.604	113	594080	84.949	ng	93
36) 4-Chloro-3-methylphenol	11.940	107	1983864	82.929	ng	100
37) 2-Methylnaphthalene	12.322	142	4254768	80.705	ng	99
38) 1-Methylnaphthalene	12.545	142	4475032	80.207	ng	99
40) 1,2,4,5-Tetrachloroben...	12.692	216	2824950	85.112	ng	99
41) Hexachlorocyclopentadiene	12.681	237	1914528	90.239	ng	99
43) 2,4,6-Trichlorophenol	12.928	196	1782842	87.263	ng	99
44) 2,4,5-Trichlorophenol	12.998	196	1919360	86.021	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.334	154	6141549	79.310	ng		100
47) 2-Chloronaphthalene	13.375	162	4889665	79.196	ng		99
48) 2-Nitroaniline	13.569	65	1233222	89.485	ng		96
49) Acenaphthylene	14.222	152	7559726	81.019	ng		100
50) Dimethylphthalate	13.957	163	5732691	79.779	ng		100
51) 2,6-Dinitrotoluene	14.063	165	1207179	87.496	ng		99
52) Acenaphthene	14.563	154	4833886	81.486	ng		99
53) 3-Nitroaniline	14.392	138	1297724	88.444	ng		99
54) 2,4-Dinitrophenol	14.592	184	626569	82.116	ng		86
55) Dibenzofuran	14.892	168	7143343	78.152	ng		99
56) 4-Nitrophenol	14.692	139	1075848	85.262	ng		93
57) 2,4-Dinitrotoluene	14.851	165	1674329	79.189	ng		94
58) Fluorene	15.539	166	6138107	81.530	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.116	232	1636646	87.136	ng		97
60) Diethylphthalate	15.316	149	5511226	80.291	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	3298863	83.798	ng		98
62) 4-Nitroaniline	15.551	138	1336300	77.536	ng		97
63) Azobenzene	15.828	77	5026045	79.741	ng		99
65) 4,6-Dinitro-2-methylph...	15.610	198	912781	82.140	ng		92
66) n-Nitrosodiphenylamine	15.745	169	5086187	83.592	ng		100
67) 4-Bromophenyl-phenylether	16.427	248	1878071	87.664	ng		97
68) Hexachlorobenzene	16.539	284	2164238	85.534	ng		97
69) Atrazine	16.692	200	1767182	88.450	ng		99
70) Pentachlorophenol	16.880	266	1425059	90.473	ng		99
71) Phenanthrene	17.274	178	8893346	80.828	ng		99
72) Anthracene	17.363	178	9167986	83.709	ng		99
73) Carbazole	17.627	167	8180242	82.547	ng		99
74) Di-n-butylphthalate	18.198	149	9300935	85.749	ng		99
75) Fluoranthene	19.280	202	10317307	86.256	ng		99
77) Benzidine	19.457	184	3817410	72.819	ng		100
78) Pyrene	19.639	202	10818153	82.185	ng		99
80) Butylbenzylphthalate	20.539	149	3938114	90.734	ng		97
81) Benzo(a)anthracene	21.439	228	11055858	82.558	ng		99
82) 3,3'-Dichlorobenzidine	21.362	252	3825108	84.699	ng		99
83) Chrysene	21.504	228	10270454	81.310	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	6100517	88.540	ng	#	96
85) Di-n-octyl phthalate	22.527	149	9722259	90.093	ng		99
87) Indeno(1,2,3-cd)pyrene	27.956	276	12120915	87.270	ng		99
88) Benzo(b)fluoranthene	23.545	252	10371642	86.316	ng		99
89) Benzo(k)fluoranthene	23.609	252	10546917	84.592	ng		100
90) Benzo(a)pyrene	24.362	252	9879526	87.833	ng		100
91) Dibenzo(a,h)anthracene	28.015	278	10165335	86.905	ng		99
92) Benzo(g,h,i)perylene	29.027	276	9504954	85.979	ng		99

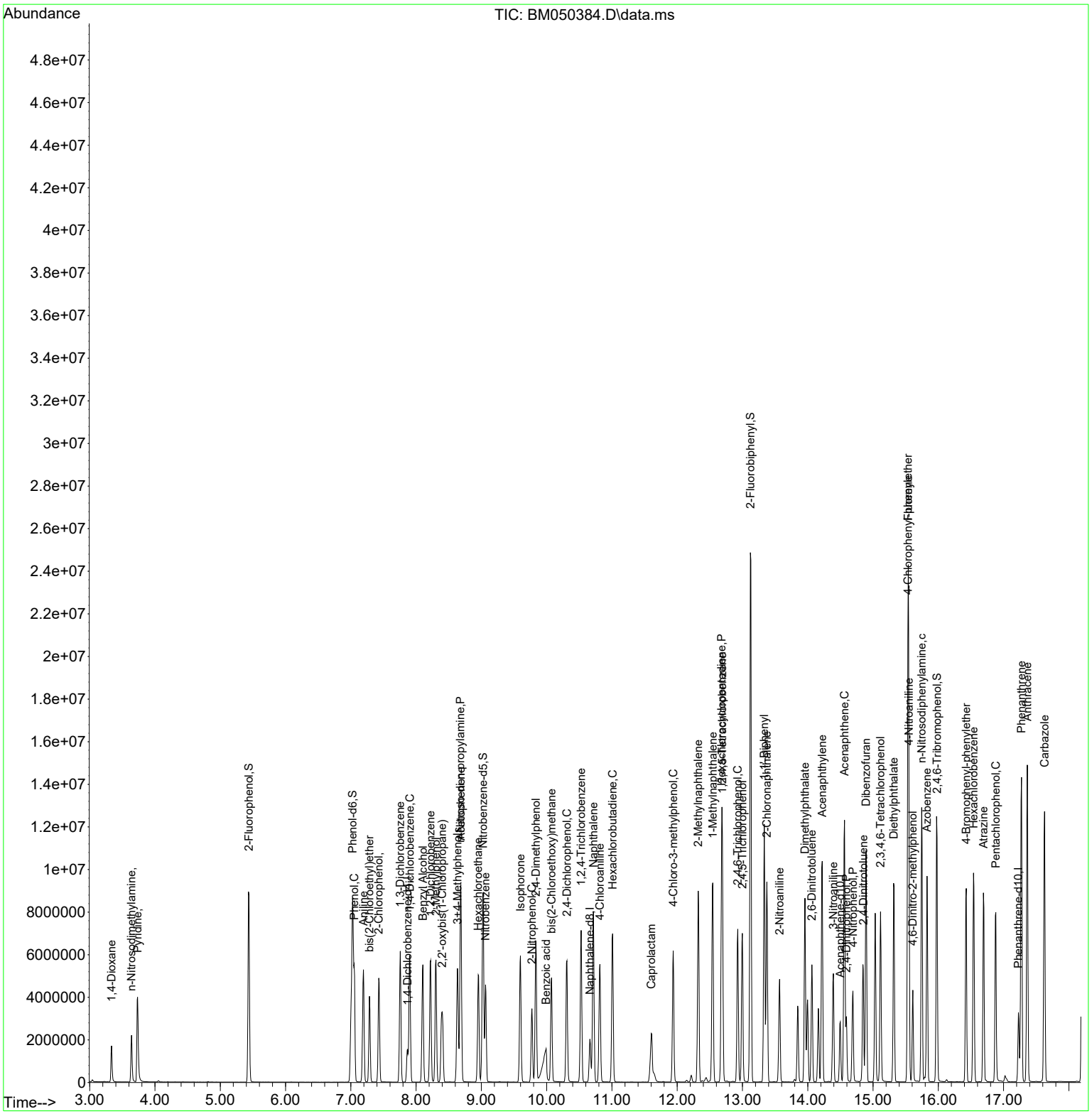
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration

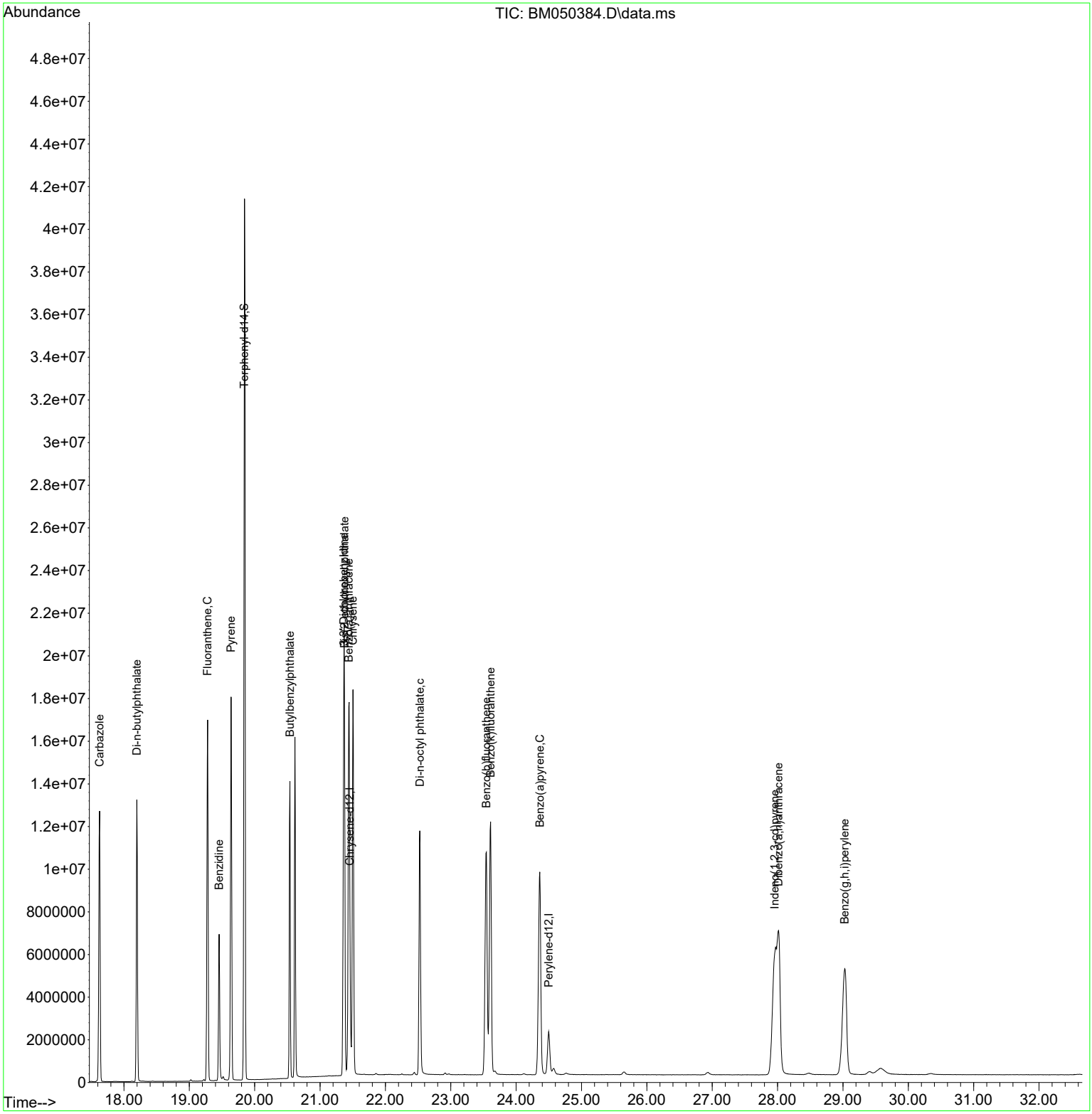


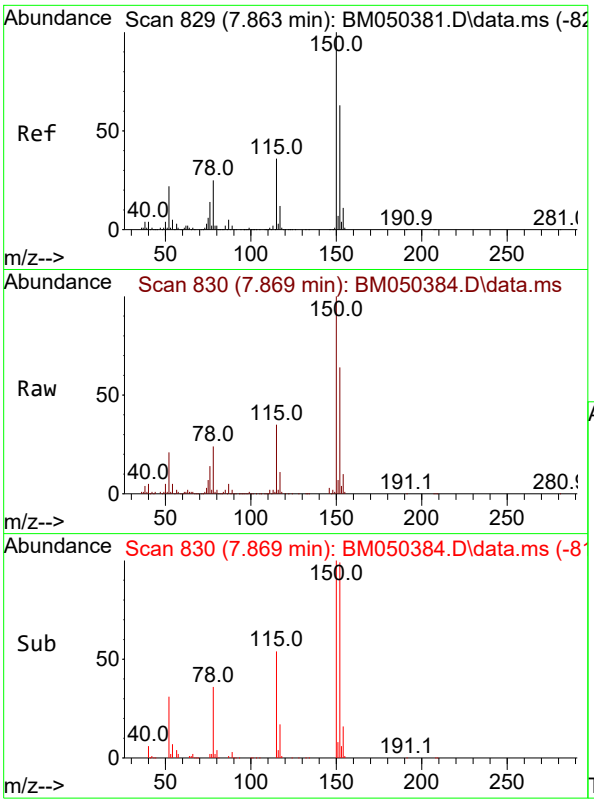
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050384.D
Acq On : 08 Jul 2025 17:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Jul 08 18:24:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 17:58:12 2025
Response via : Initial Calibration



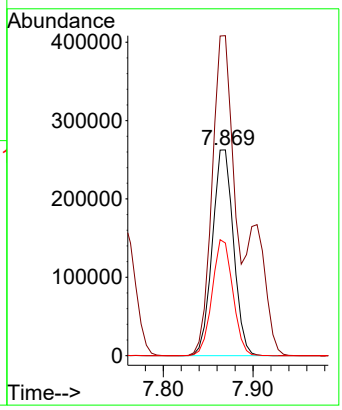


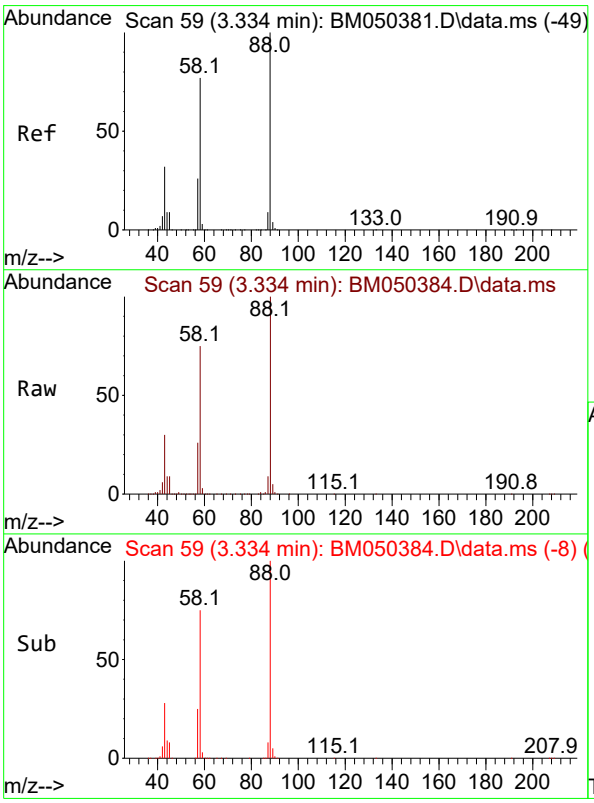
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 429681

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.4
115	54.7	45.8	68.8

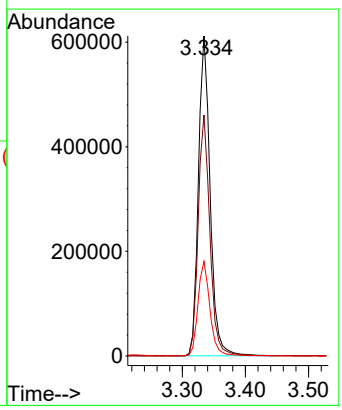


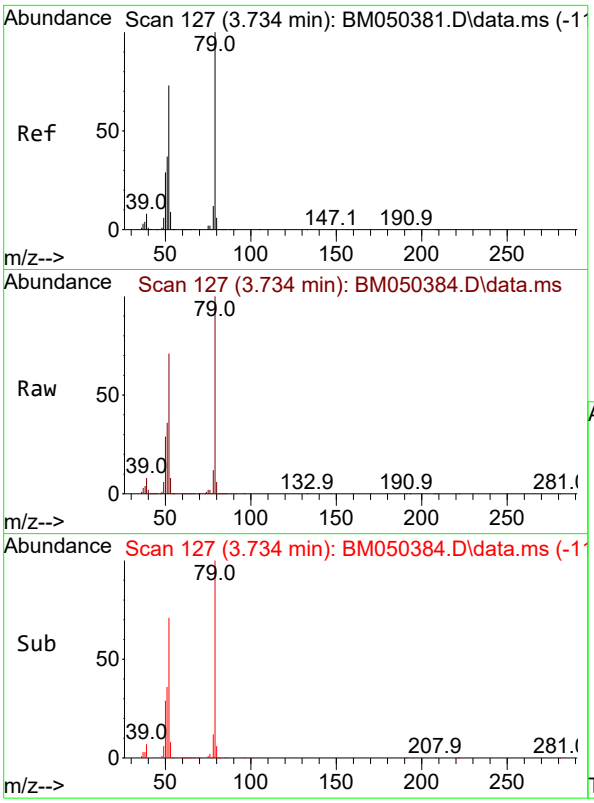


#2
1,4-Dioxane
Concen: 76.507 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 88 Resp: 785309

Ion	Ratio	Lower	Upper
88	100		
58	75.7	61.0	91.6
43	30.0	24.6	37.0



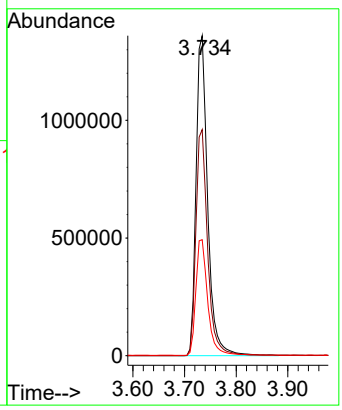


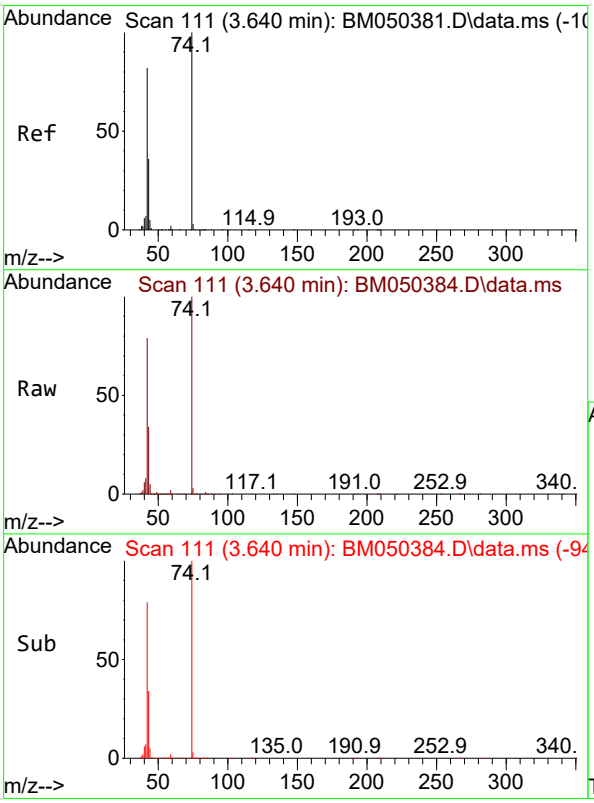
#3
Pyridine
Concen: 78.804 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 2123609

Ion	Ratio	Lower	Upper
79	100		
52	70.7	58.3	87.5
51	36.2	29.6	44.4

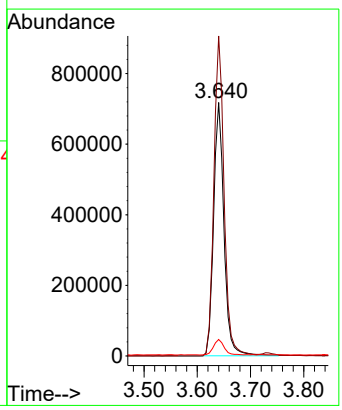


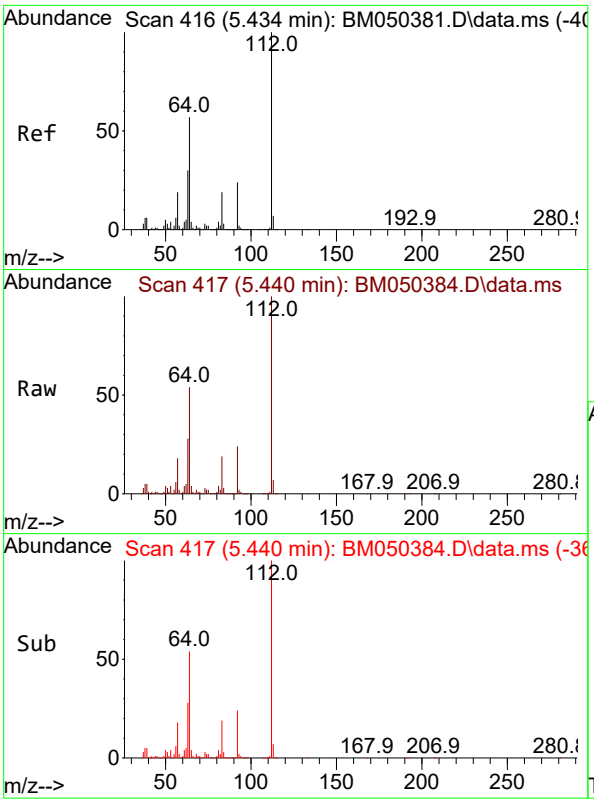


#4
n-Nitrosodimethylamine
Concen: 77.228 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 42 Resp: 970223

Ion	Ratio	Lower	Upper
42	100		
74	126.3	97.5	146.3
44	6.5	5.7	8.5



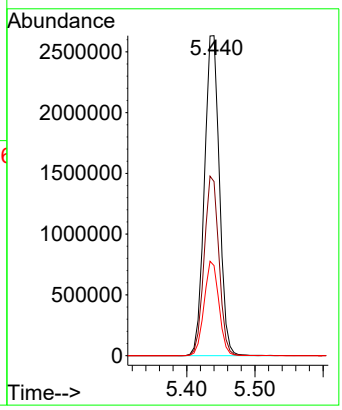


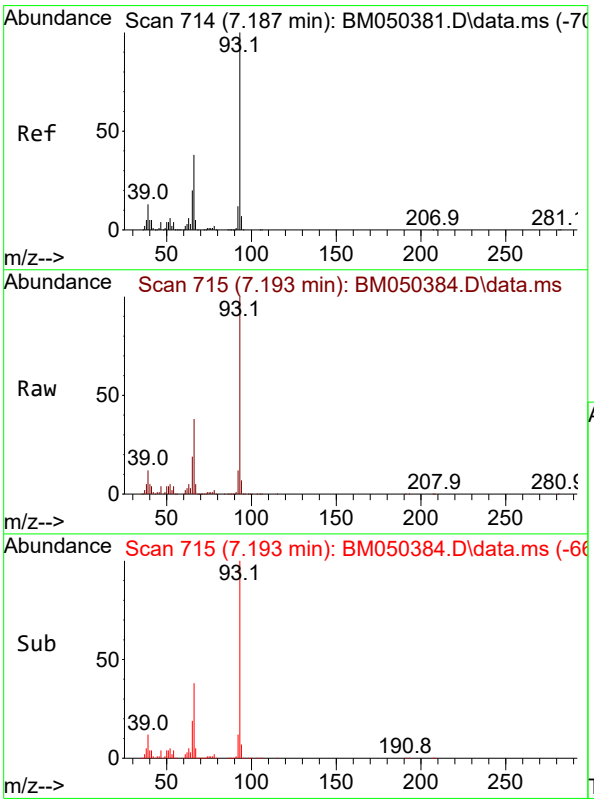
#5
2-Fluorophenol
Concen: 160.835 ng
RT: 5.440 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 4014825

Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.5	68.3
63	28.1	24.2	36.4

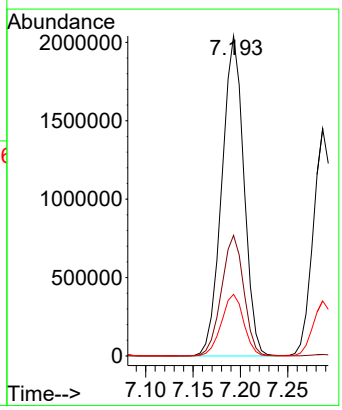


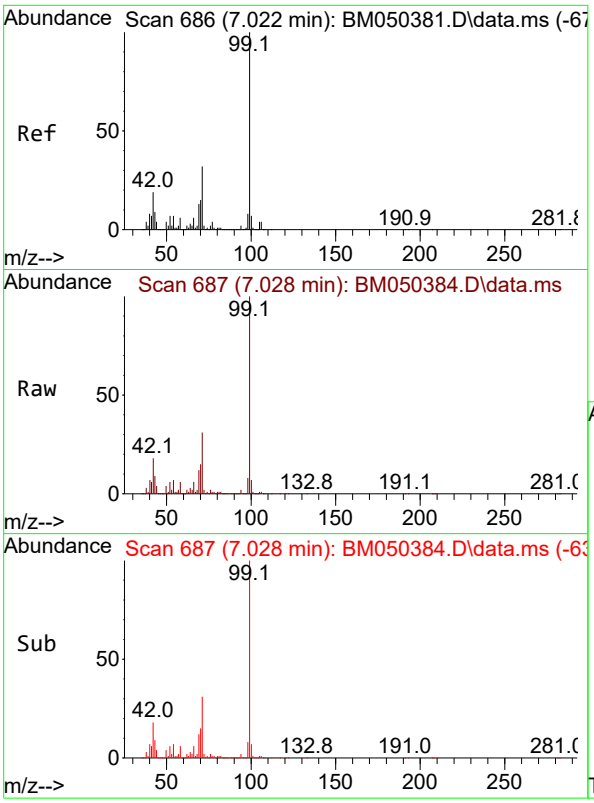


#6
Aniline
Concen: 81.748 ng
RT: 7.193 min Scan# 715
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 3301305

Ion	Ratio	Lower	Upper
93	100		
66	37.7	30.5	45.7
65	19.2	15.9	23.9



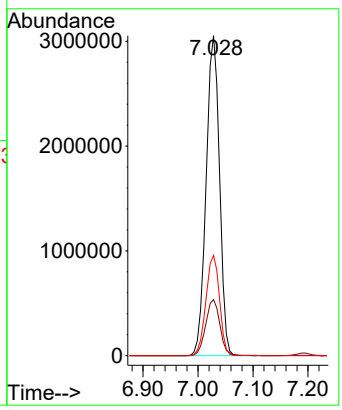


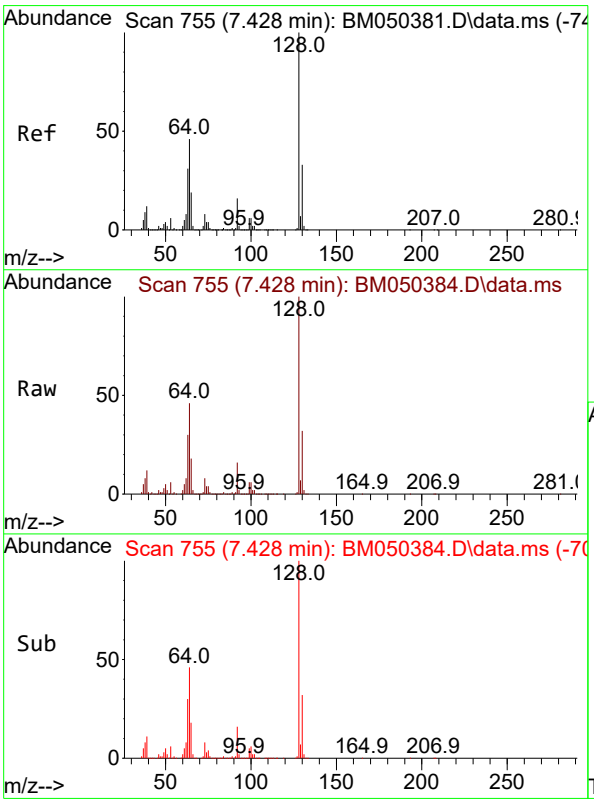
#7
Phenol-d6
Concen: 163.630 ng
RT: 7.028 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 5149049

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

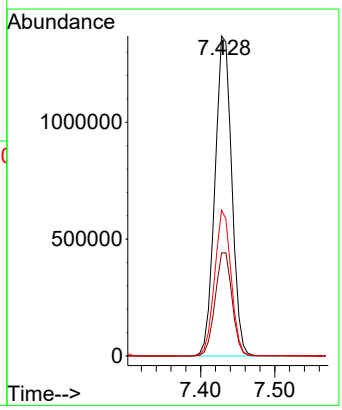


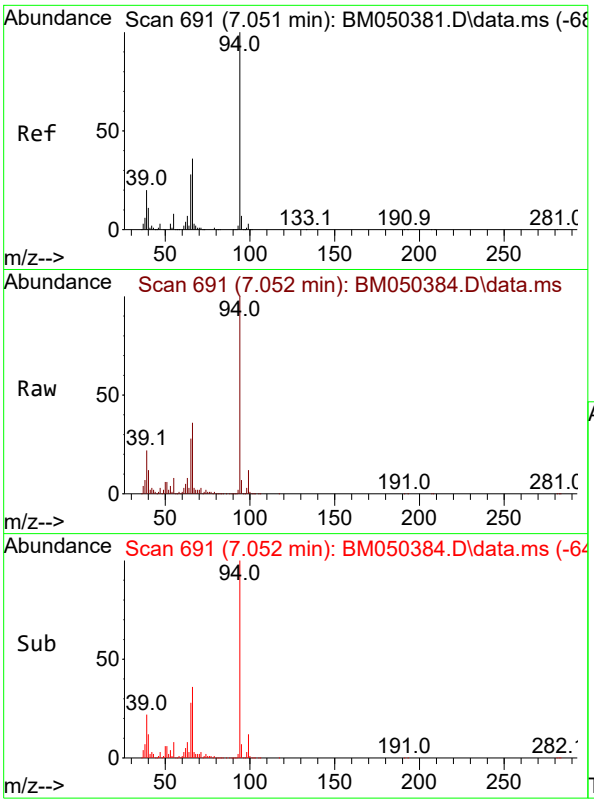


#8
2-Chlorophenol
Concen: 82.163 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 2162654

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.3	53.3
64	45.6	25.6	65.6



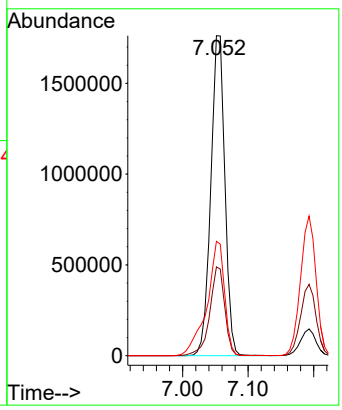


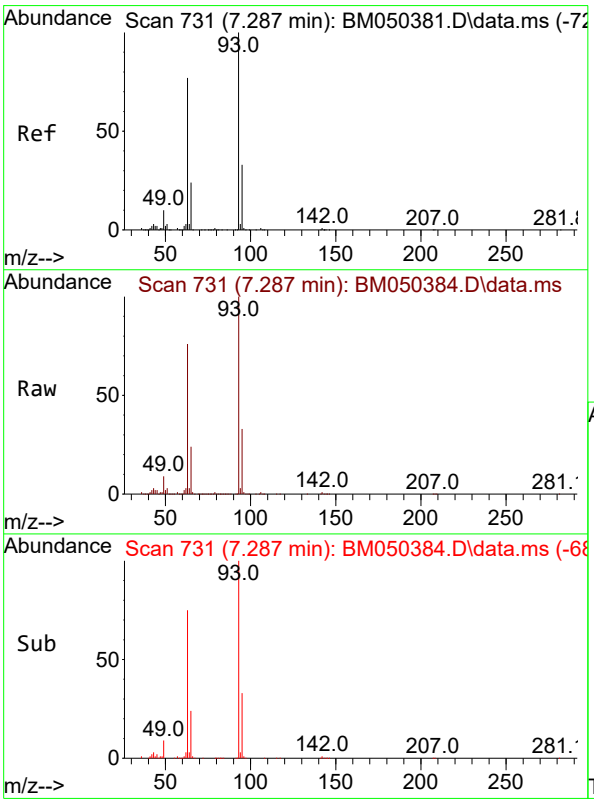
#10
Phenol
Concen: 80.368 ng
RT: 7.052 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 94 Resp: 2637766

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.1	48.1
66	35.7	15.8	55.8

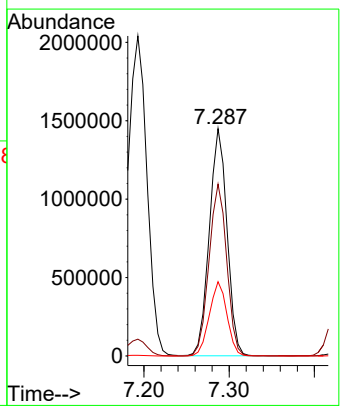


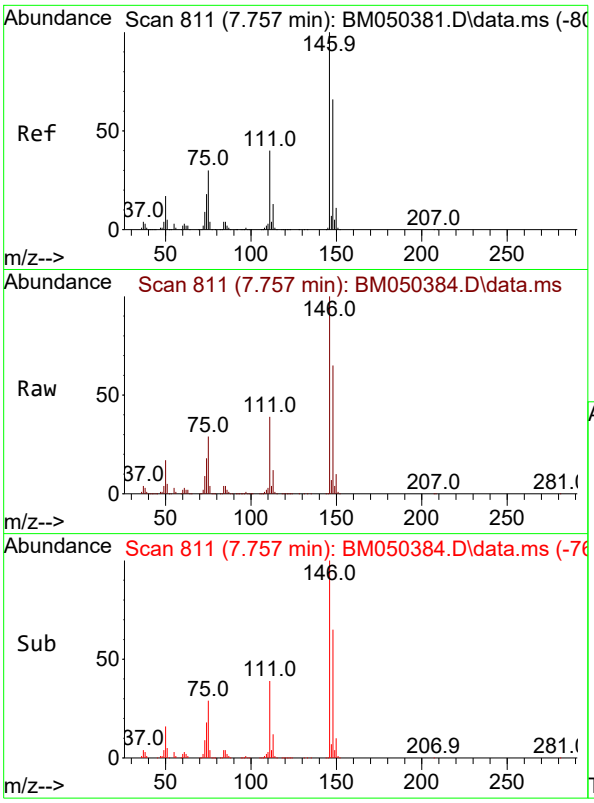


#11
bis(2-Chloroethyl)ether
Concen: 79.625 ng
RT: 7.287 min Scan# 731
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 93 Resp: 2092911

Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.9	96.9
95	32.6	12.6	52.6



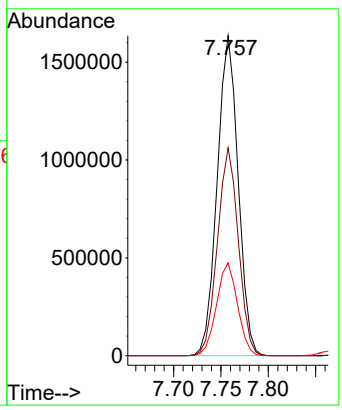


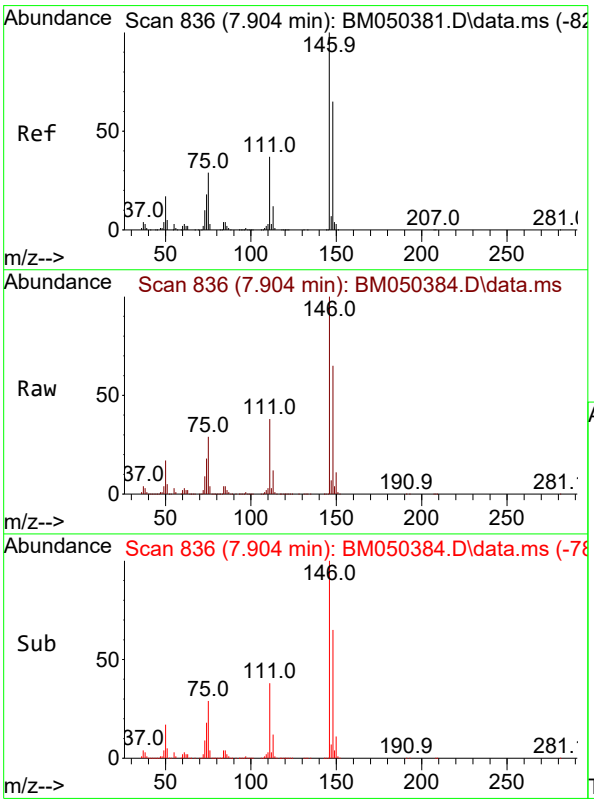
#12
1,3-Dichlorobenzene
Concen: 78.654 ng
RT: 7.757 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2517372

Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.2	79.8
75	29.0	23.9	35.9

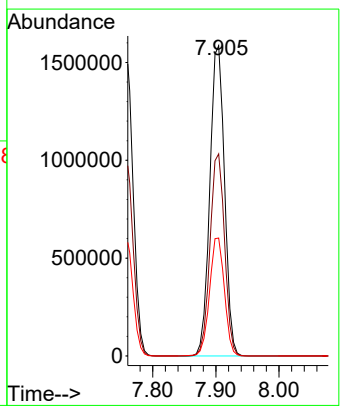


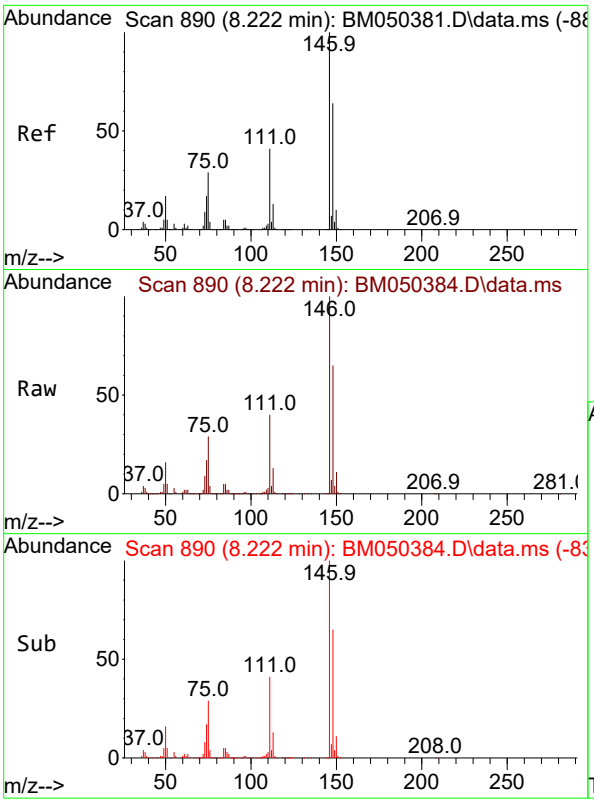


#13
1,4-Dichlorobenzene
Concen: 78.187 ng
RT: 7.904 min Scan# 836
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:146 Resp: 2555213

Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.9	77.9
111	38.0	30.0	45.0



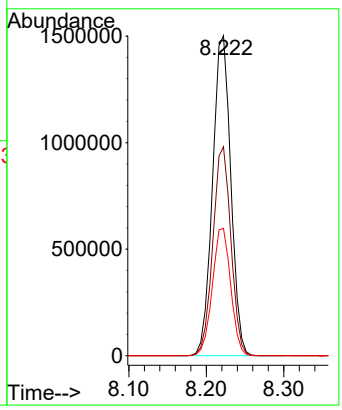


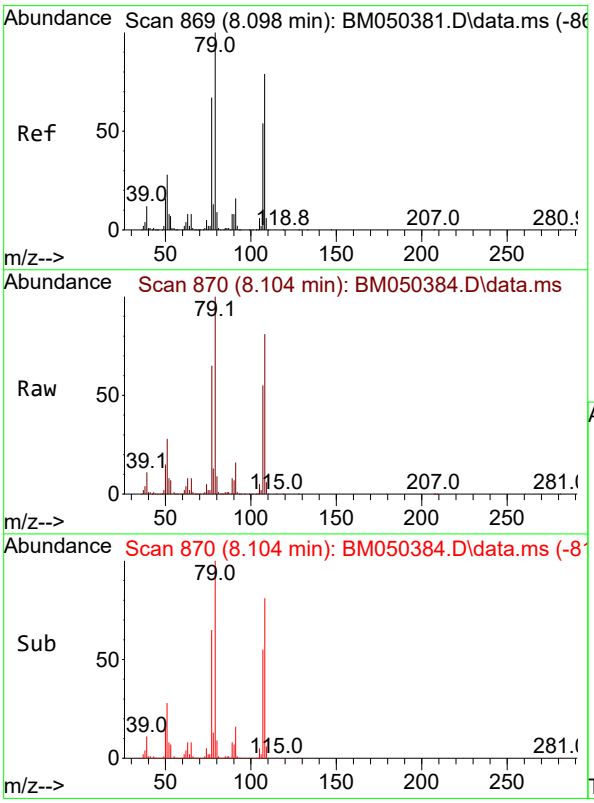
#14
1,2-Dichlorobenzene
Concen: 78.434 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 2454039

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	39.8	32.6	49.0

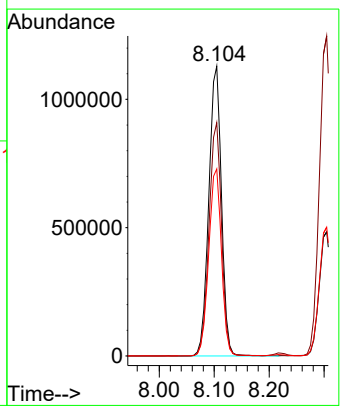


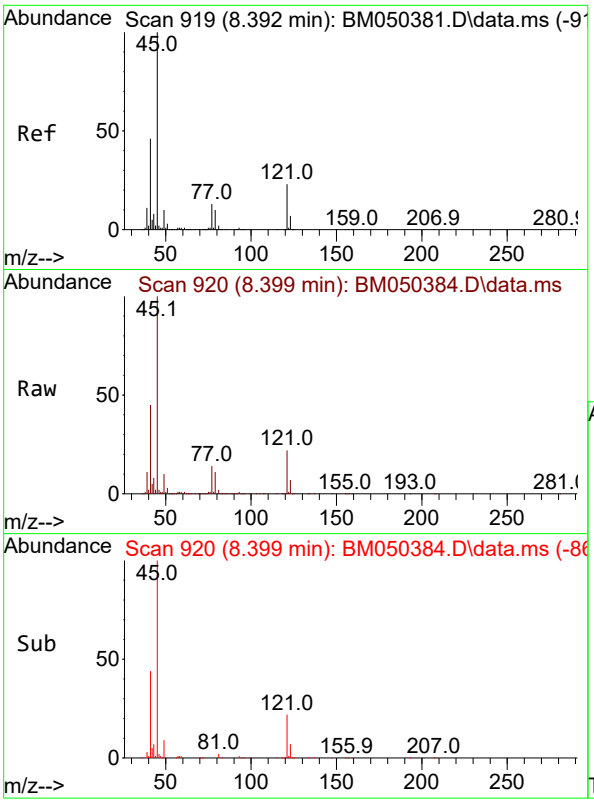


#15
Benzyl Alcohol
Concen: 81.539 ng
RT: 8.104 min Scan# 870
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 79 Resp: 1807870

Ion	Ratio	Lower	Upper
79	100		
108	80.5	63.0	94.4
77	64.5	53.4	80.0



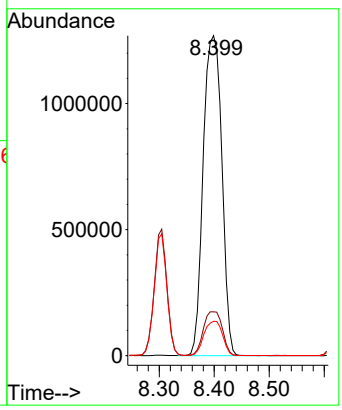


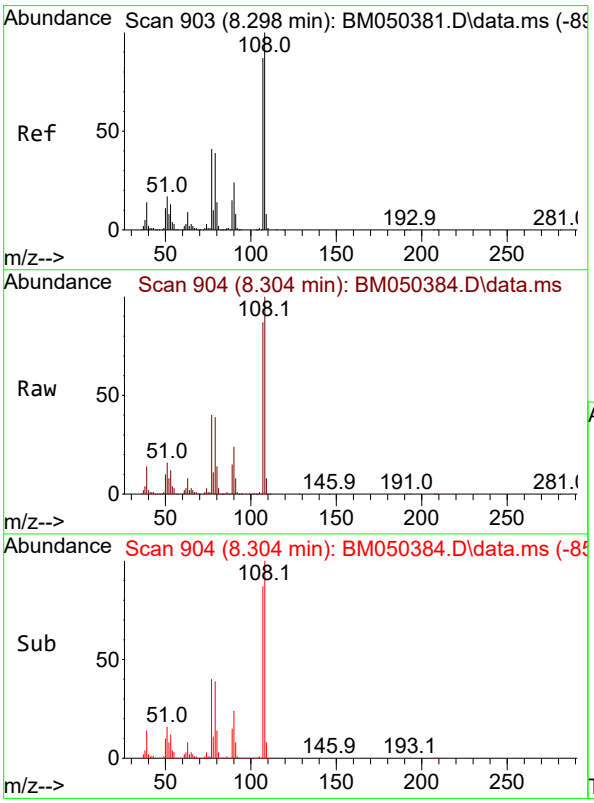
#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.270 ng
RT: 8.399 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 45 Resp: 2991629

Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	33.5
79	10.8	0.0	30.3

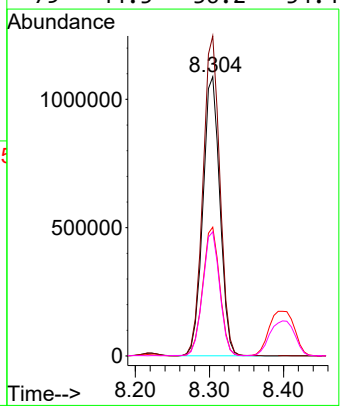


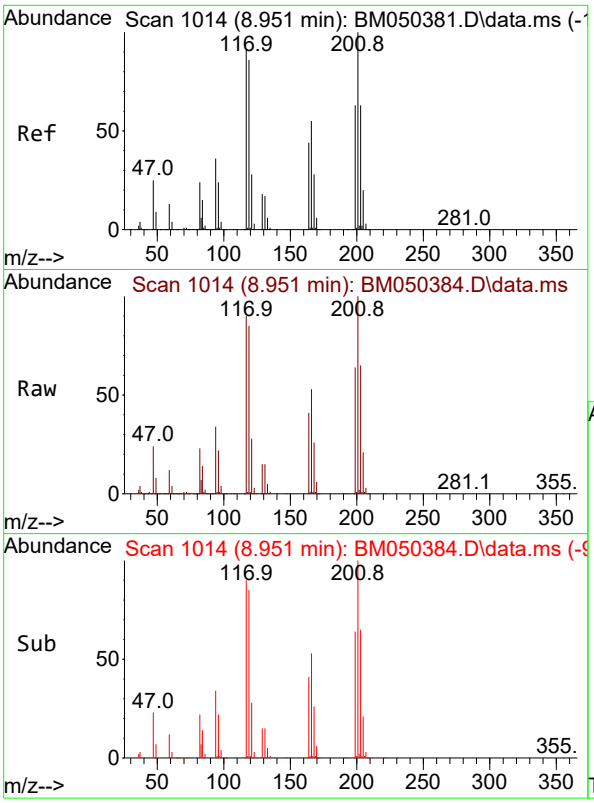


#17
2-Methylphenol
Concen: 81.397 ng
RT: 8.304 min Scan# 904
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:107 Resp: 1732716

Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.1	138.1
77	46.1	38.2	57.4
79	44.5	36.2	54.4



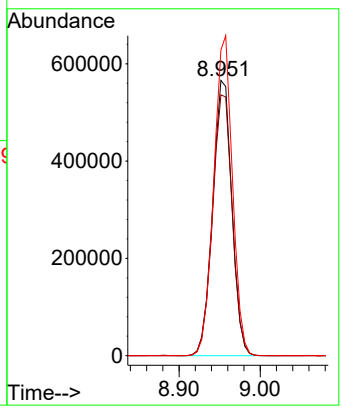


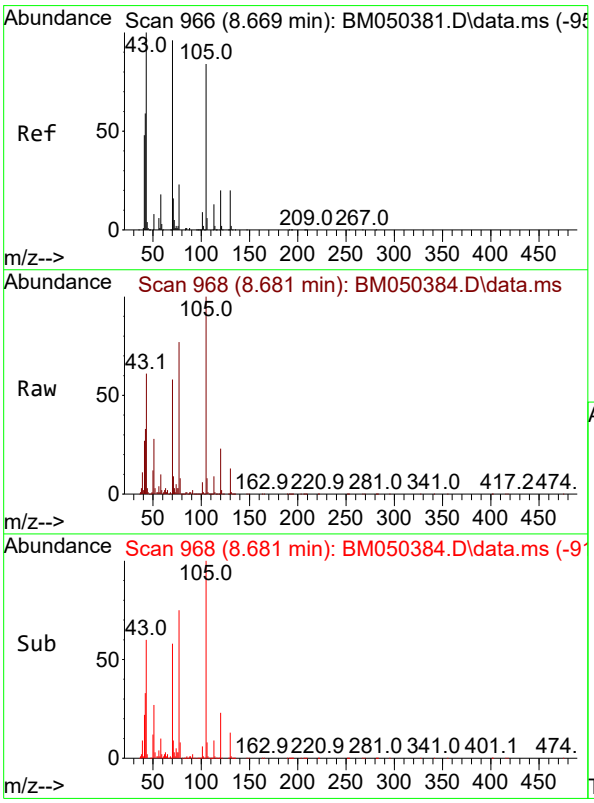
#18
Hexachloroethane
Concen: 81.135 ng
RT: 8.951 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:117 Resp: 932539

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.6	113.4
201	111.1	87.9	131.9

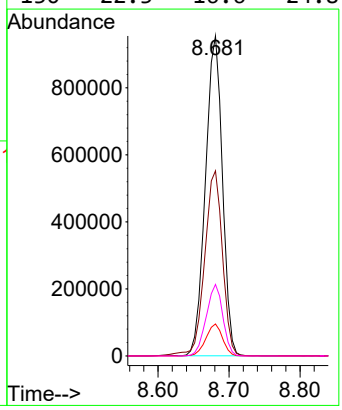


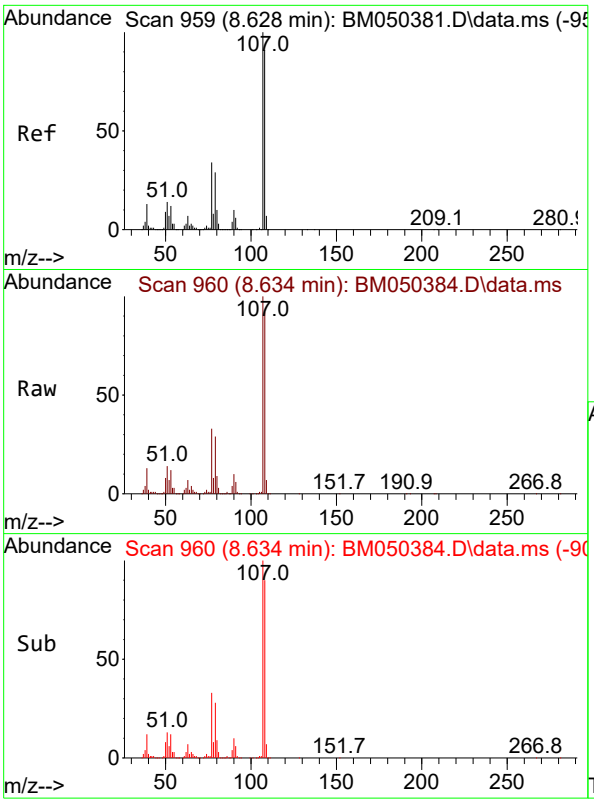


#19
n-Nitroso-di-n-propylamine
Concen: 83.281 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 70 Resp: 1587587

Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.7	74.5
101	10.0	7.7	11.5
130	22.3	16.6	24.8



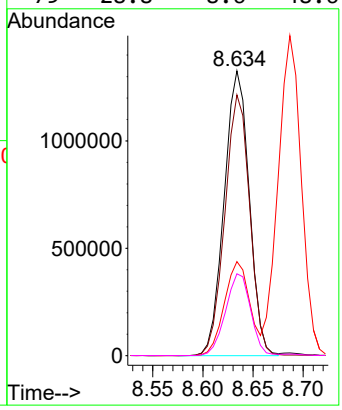


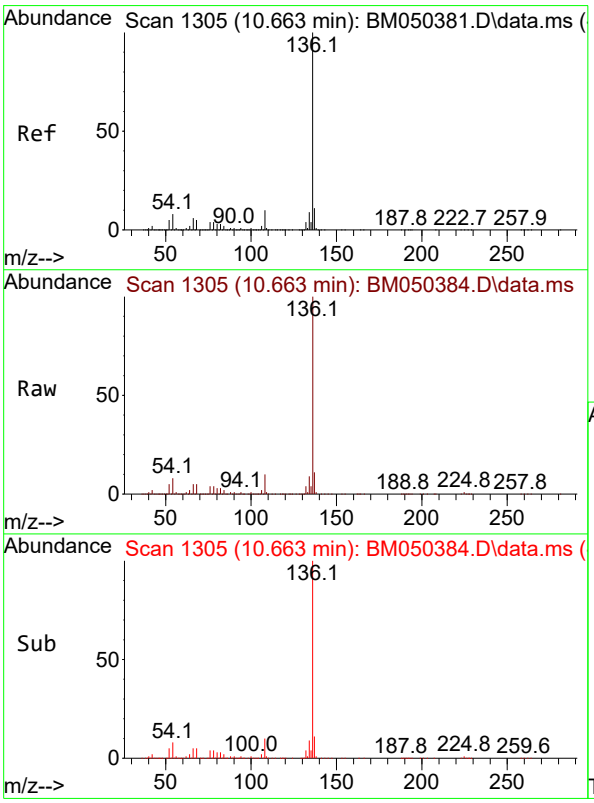
#20
3+4-Methylphenols
Concen: 80.491 ng
RT: 8.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 2300155

Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.5	111.5
77	33.0	13.7	53.7
79	28.8	8.6	48.6

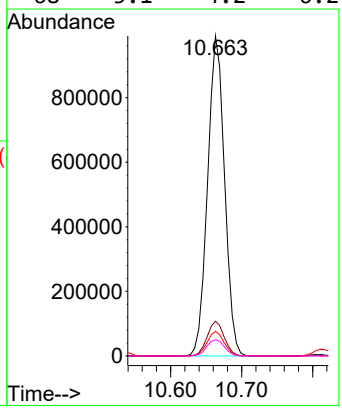


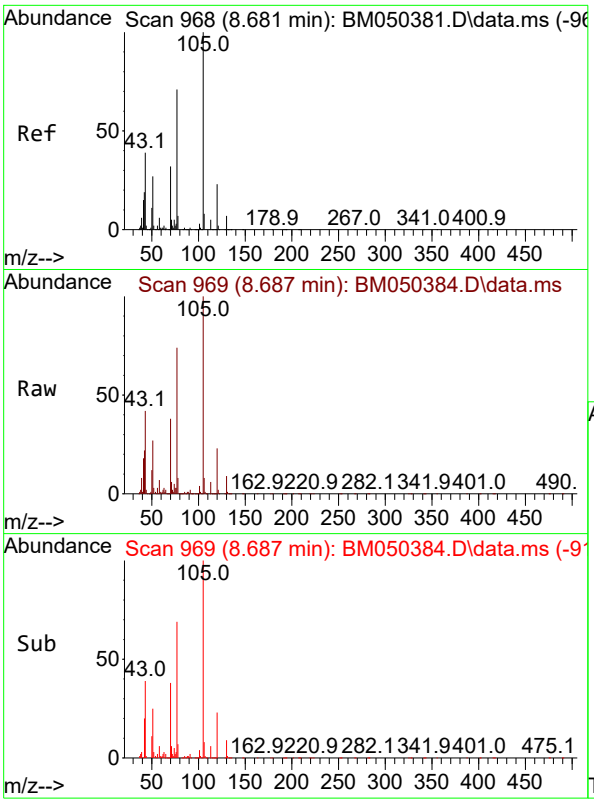


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:136 Resp: 1643859

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



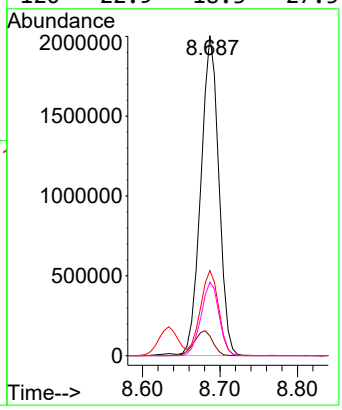


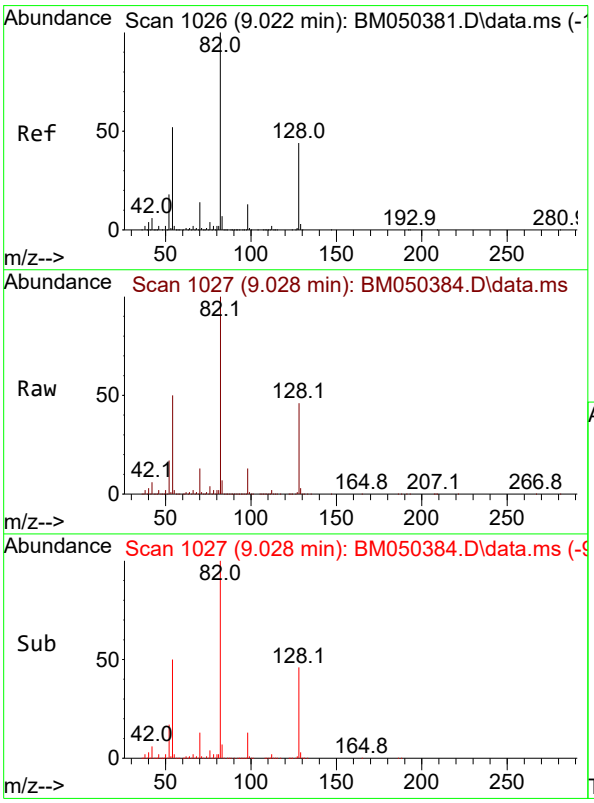
#22
Acetophenone
Concen: 78.279 ng
RT: 8.687 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:105 Resp: 3217324

Ion	Ratio	Lower	Upper
105	100		
71	6.2	4.4	6.6
51	26.6	23.0	34.6
120	22.9	18.3	27.5

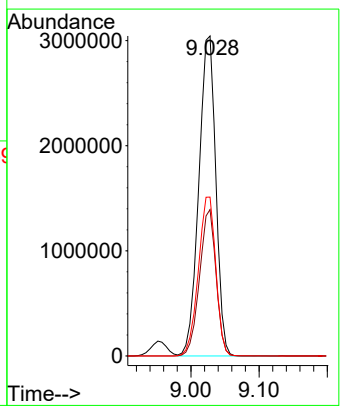


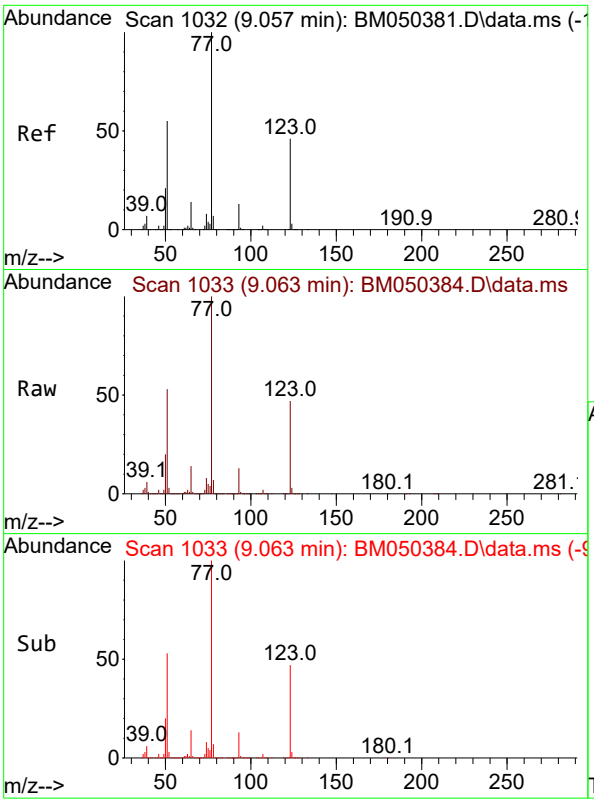


#23
Nitrobenzene-d5
Concen: 163.391 ng
RT: 9.028 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 5264647

Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.2	52.8
54	49.7	41.5	62.3



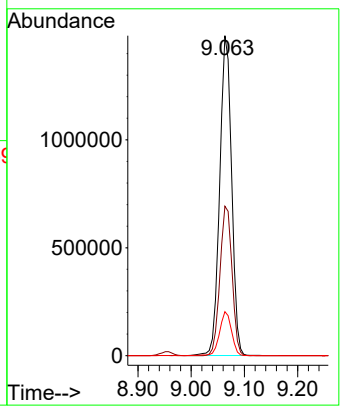


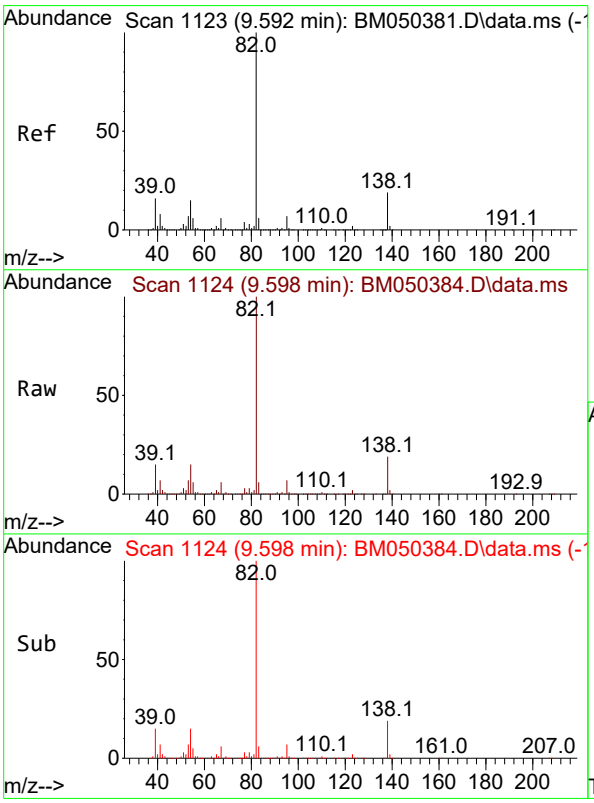
#24
Nitrobenzene
Concen: 79.875 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2296616

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.0	55.6
65	13.8	11.0	16.4

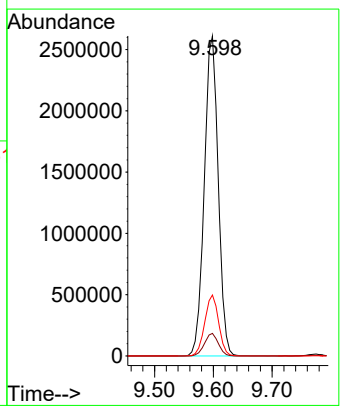


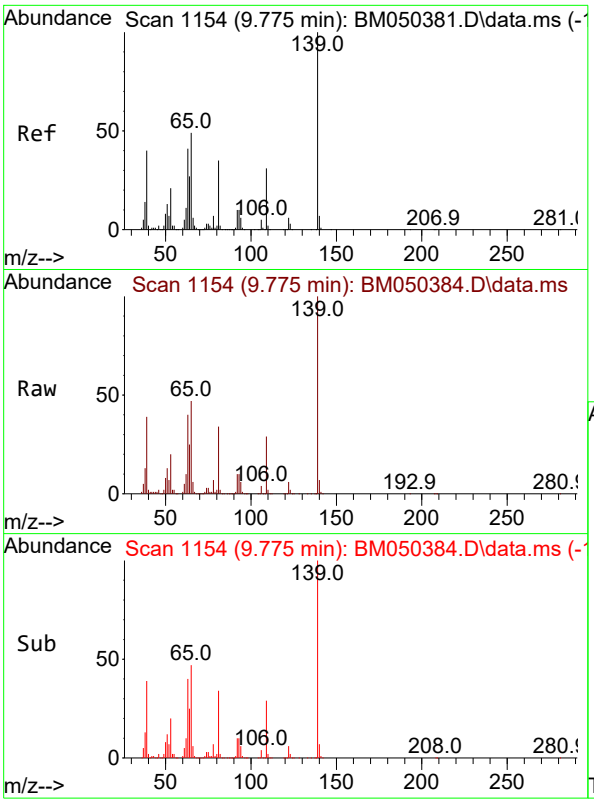


#25
Isophorone
Concen: 82.044 ng
RT: 9.598 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 82 Resp: 4289620

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.0	15.3	22.9



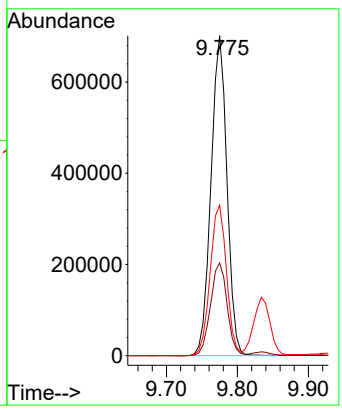


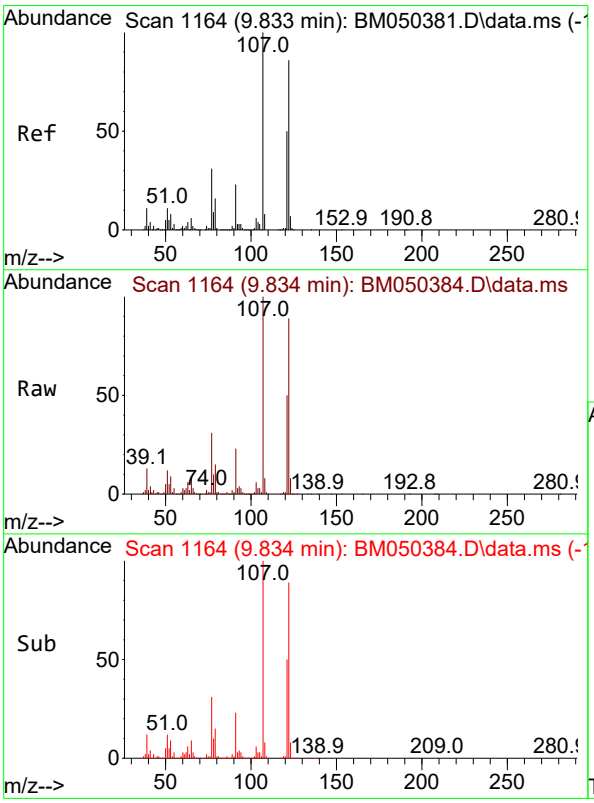
#26
2-Nitrophenol
Concen: 93.448 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1095059

Ion	Ratio	Lower	Upper
139	100		
109	29.0	24.6	36.8
65	47.0	39.2	58.8

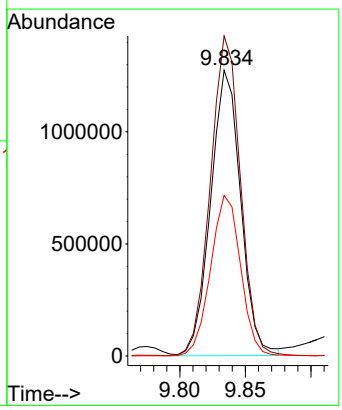


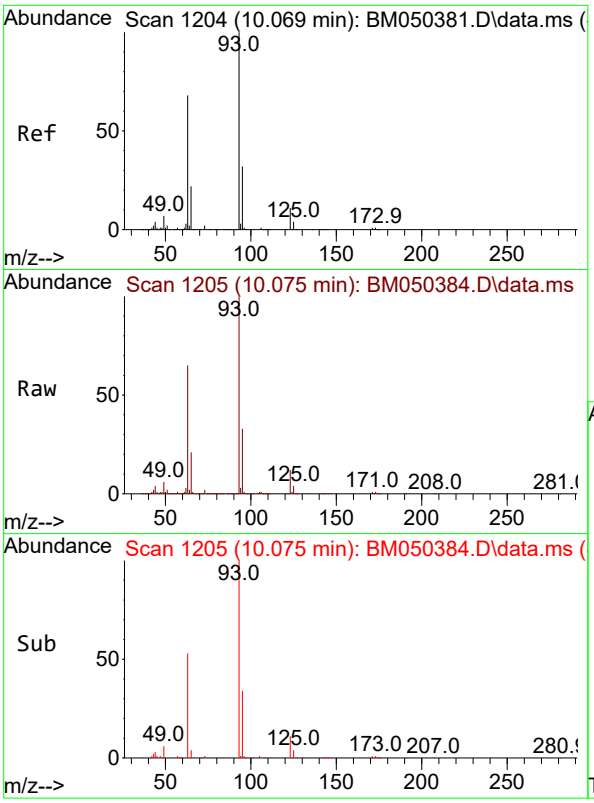


#27
2,4-Dimethylphenol
Concen: 81.267 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:122 Resp: 2026460

Ion	Ratio	Lower	Upper
122	100		
107	112.0	93.0	139.6
121	56.2	46.1	69.1



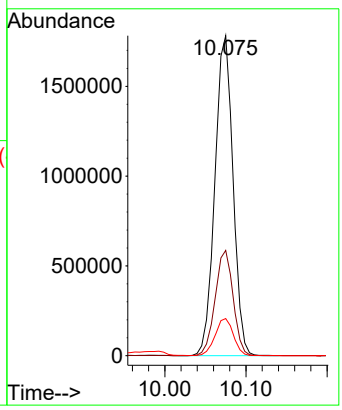


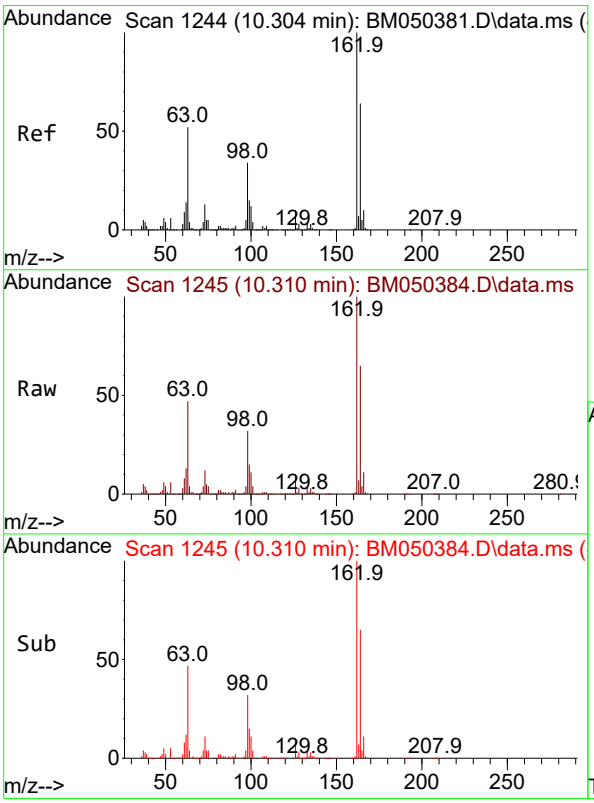
#28
bis(2-Chloroethoxy)methane
Concen: 79.691 ng
RT: 10.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 2760921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.6	9.1	13.7

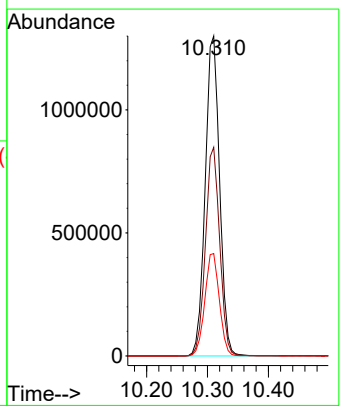


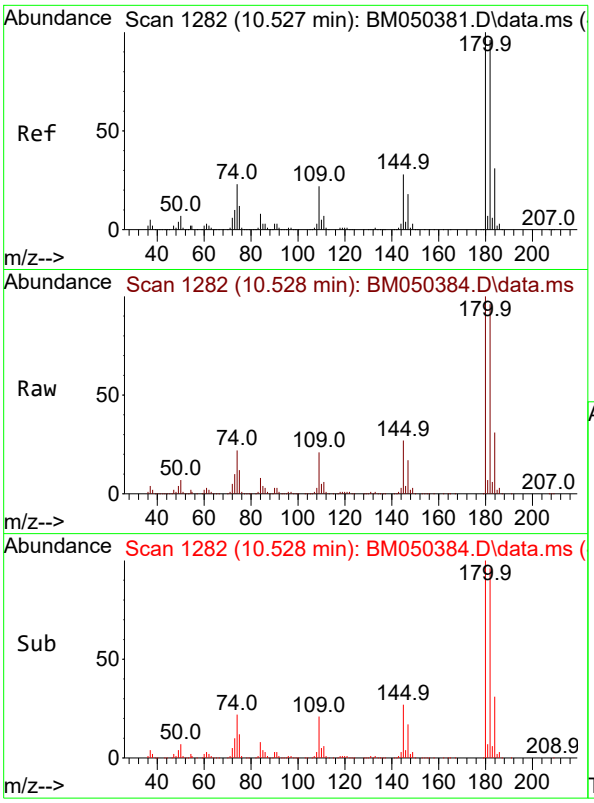


#29
2,4-Dichlorophenol
Concen: 83.334 ng
RT: 10.310 min Scan# 1245
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 2134843

Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.7	83.7
98	32.0	13.7	53.7



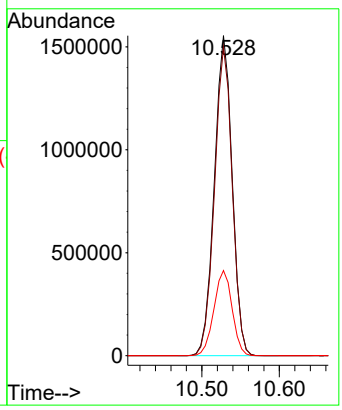


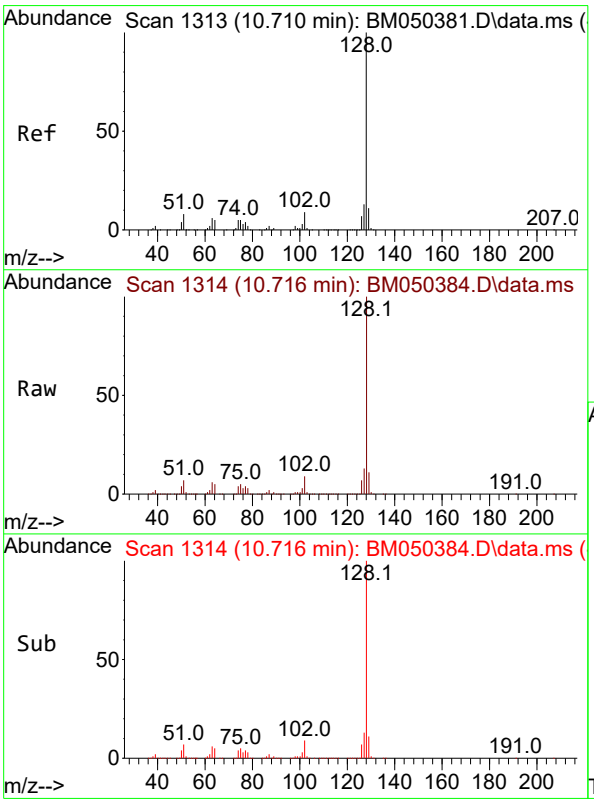
#30
1,2,4-Trichlorobenzene
Concen: 81.052 ng
RT: 10.528 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:180 Resp: 2483928

Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	26.6	22.6	33.8

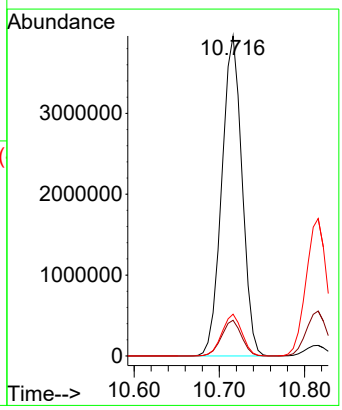


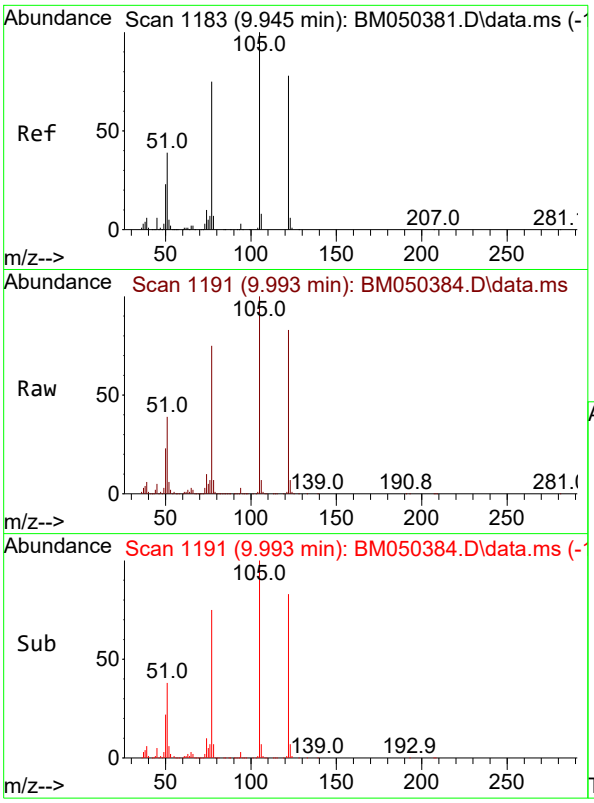


#31
Naphthalene
Concen: 78.095 ng
RT: 10.716 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:128 Resp: 6520664

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6



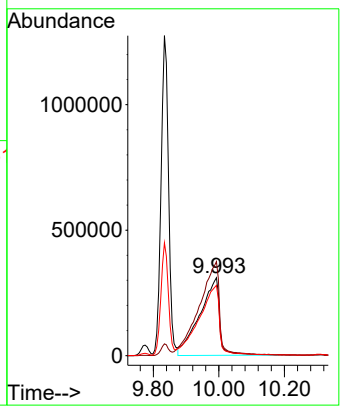


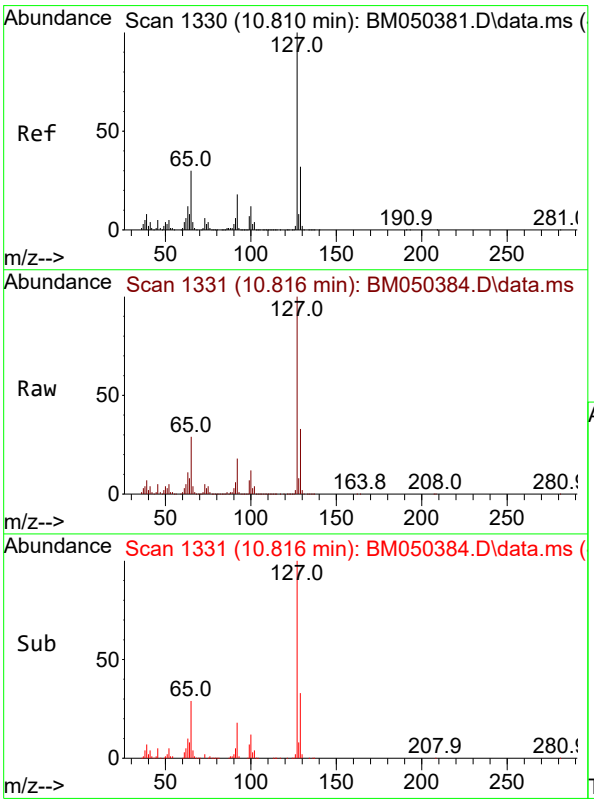
#32
Benzoic acid
Concen: 81.001 ng
RT: 9.993 min Scan# 11
Delta R.T. 0.048 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1311597

Ion	Ratio	Lower	Upper
122	100		
105	120.8	104.0	144.0
77	90.4	73.8	113.8

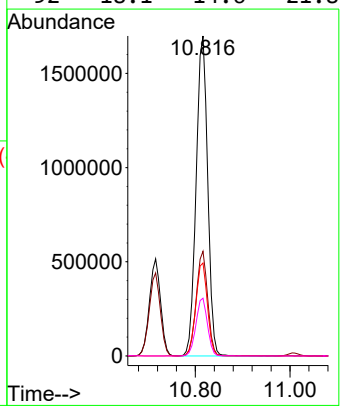


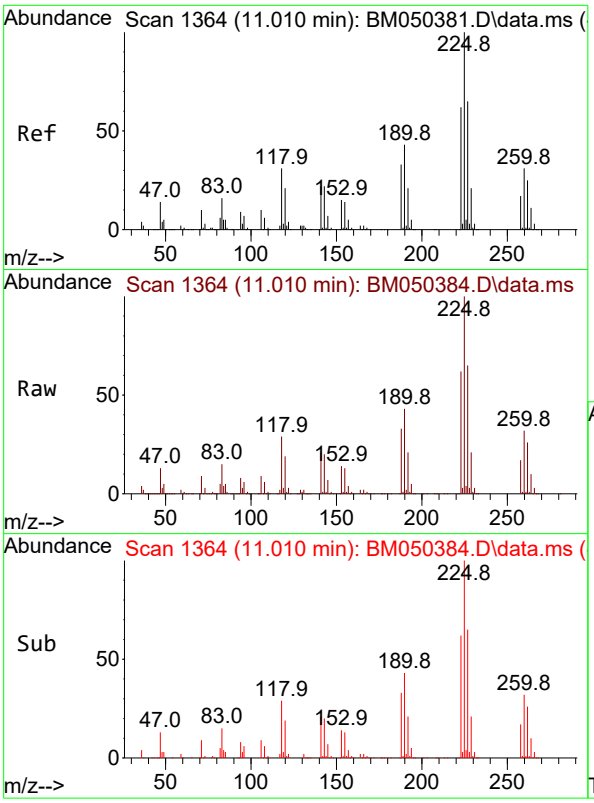


#33
4-Chloroaniline
Concen: 81.395 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:127 Resp: 2873151

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	29.1	23.9	35.9
92	18.1	14.6	21.8



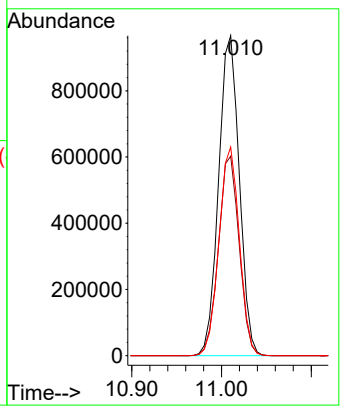


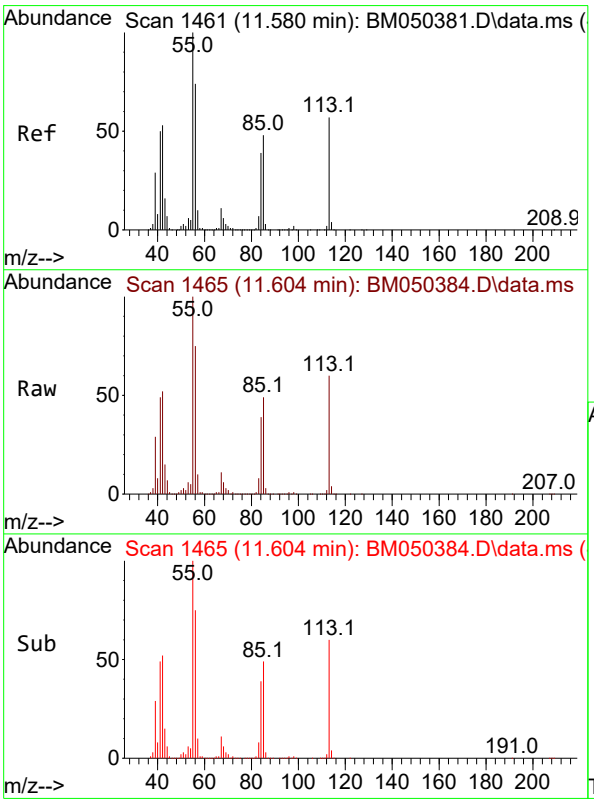
#34
Hexachlorobutadiene
Concen: 82.684 ng
RT: 11.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:225 Resp: 1546563

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	65.2	52.1	78.1

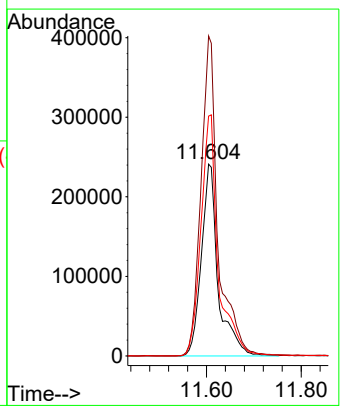


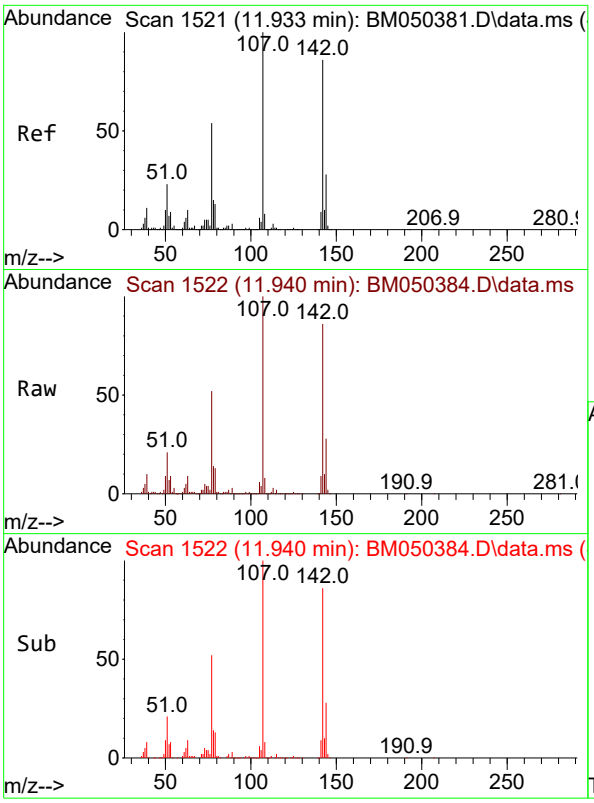


#35
Caprolactam
Concen: 84.949 ng
RT: 11.604 min Scan# 1465
Delta R.T. 0.024 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:113 Resp: 594080

Ion	Ratio	Lower	Upper
113	100		
55	166.9	157.2	197.2
56	125.0	111.7	151.7



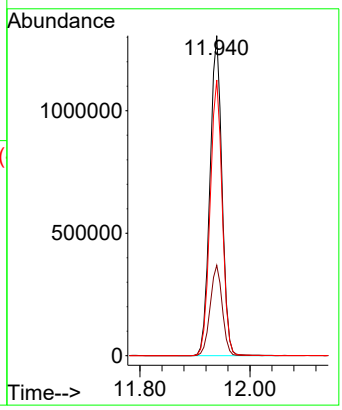


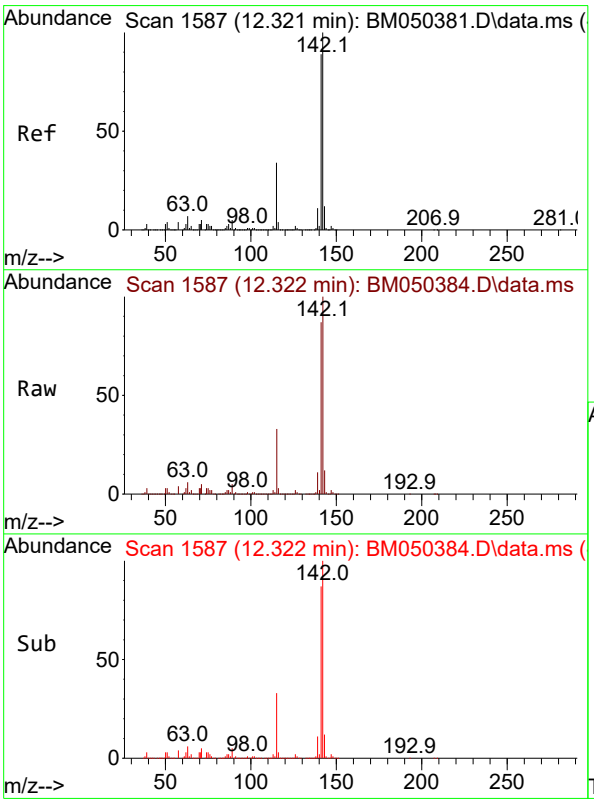
#36
4-Chloro-3-methylphenol
Concen: 82.929 ng
RT: 11.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1983864

Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.2	33.4
142	86.2	68.7	103.1

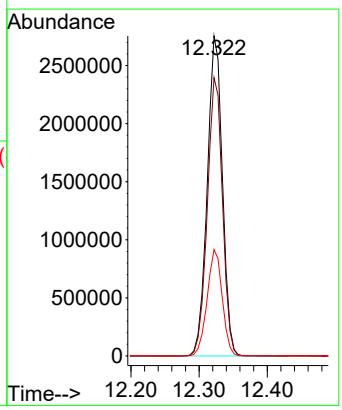


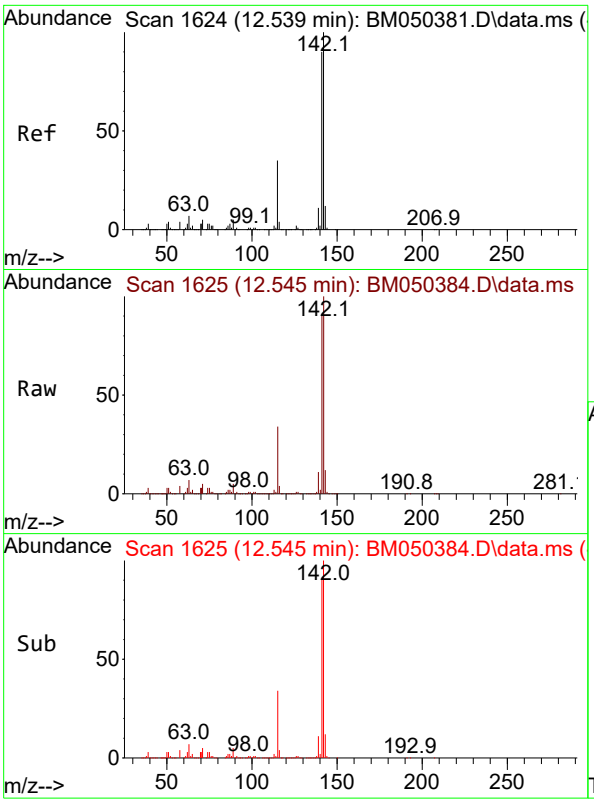


#37
2-Methylnaphthalene
Concen: 80.705 ng
RT: 12.322 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:142 Resp: 4254768

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.8	106.2
115	33.2	27.0	40.4



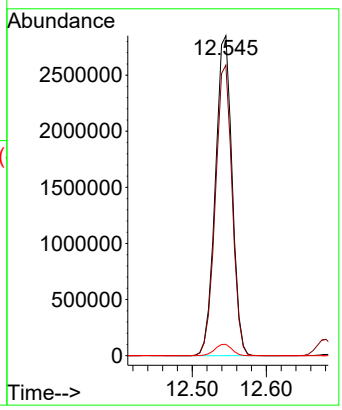


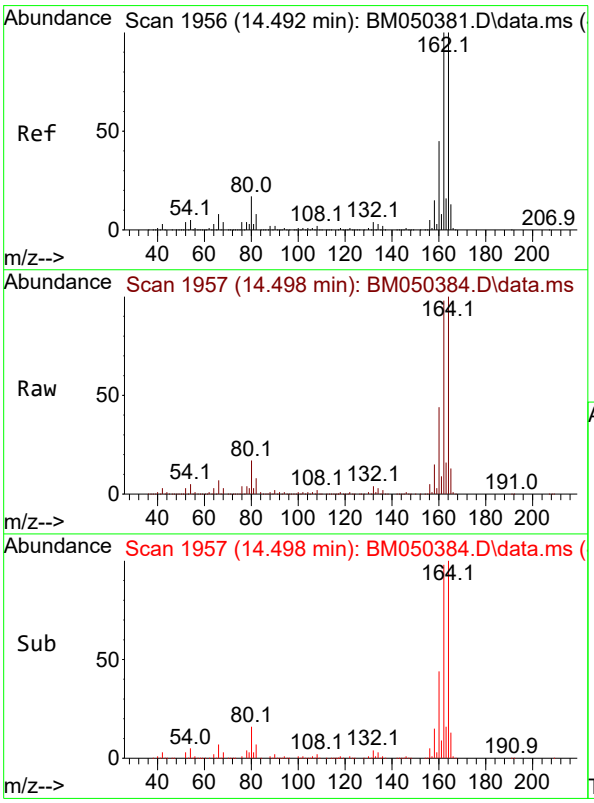
#38
1-Methylnaphthalene
Concen: 80.207 ng
RT: 12.545 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 4475032

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	3.6	3.0	4.6

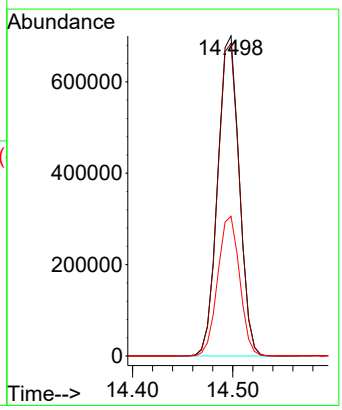


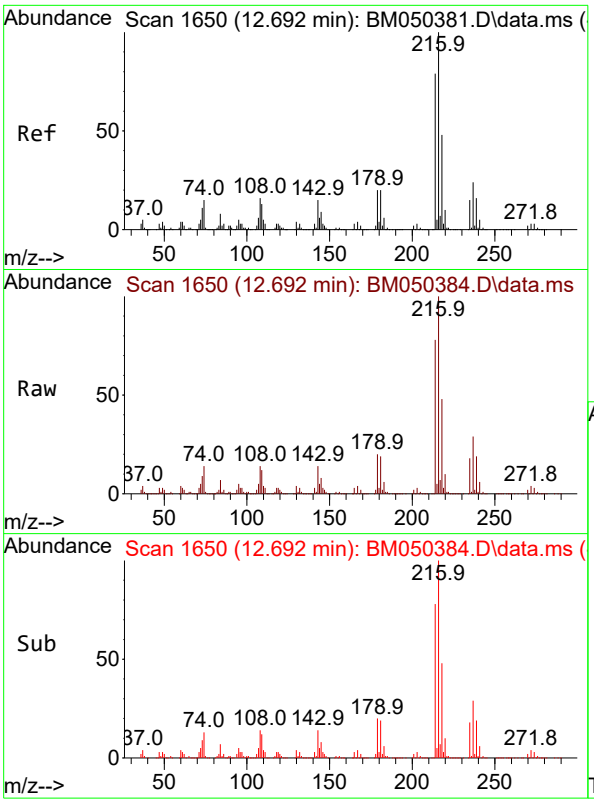


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:164 Resp: 1043719

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.9	119.9
160	43.6	36.2	54.4



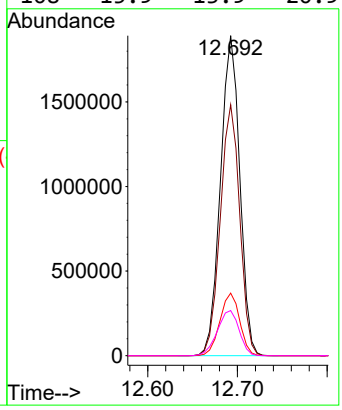


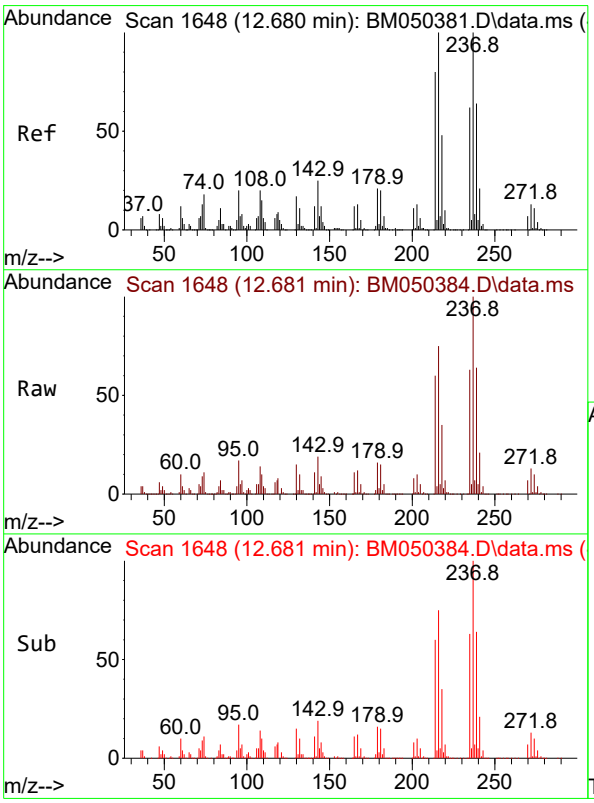
#40
1,2,4,5-Tetrachlorobenzene
Concen: 85.112 ng
RT: 12.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:216 Resp: 2824950

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.3	94.9
179	20.0	16.4	24.6
108	15.9	13.9	20.9

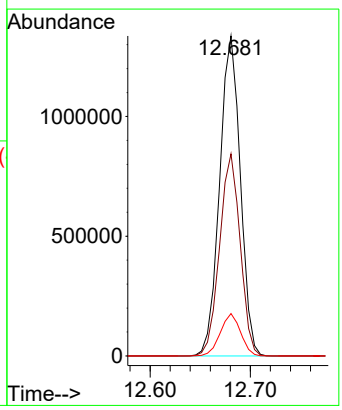


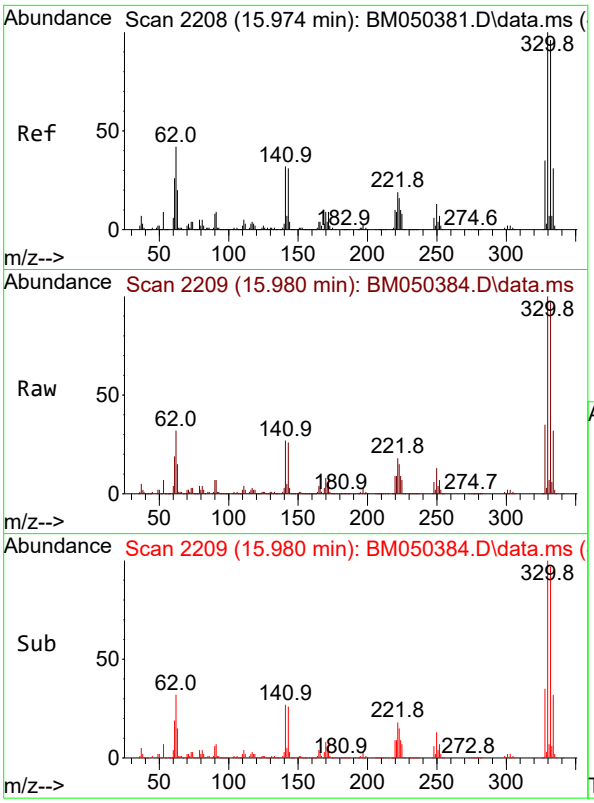


#41
Hexachlorocyclopentadiene
Concen: 90.239 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:237 Resp: 1914528

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.3	82.3
272	13.2	0.0	33.0



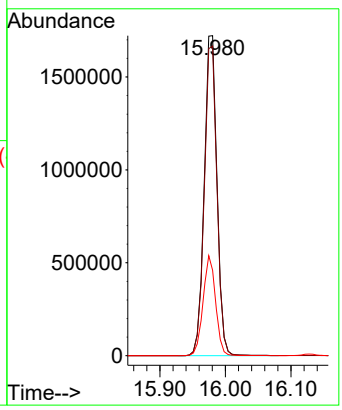


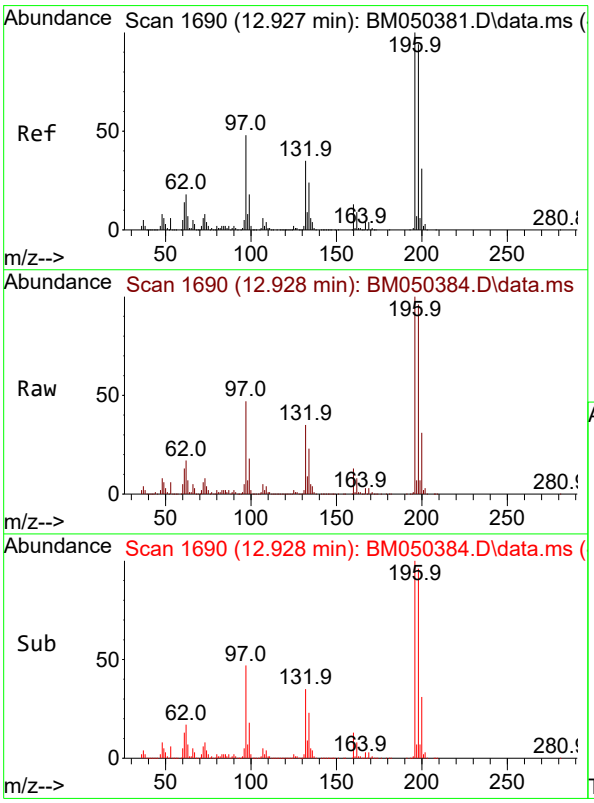
#42
2,4,6-Tribromophenol
Concen: 184.182 ng
RT: 15.980 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:330 Resp: 2335664

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	30.7	27.4	41.0

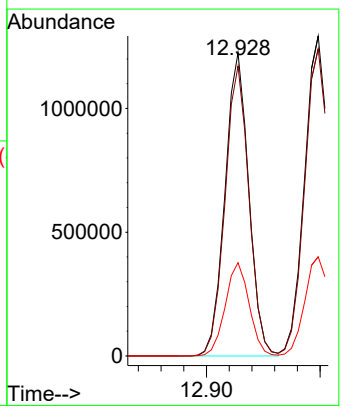


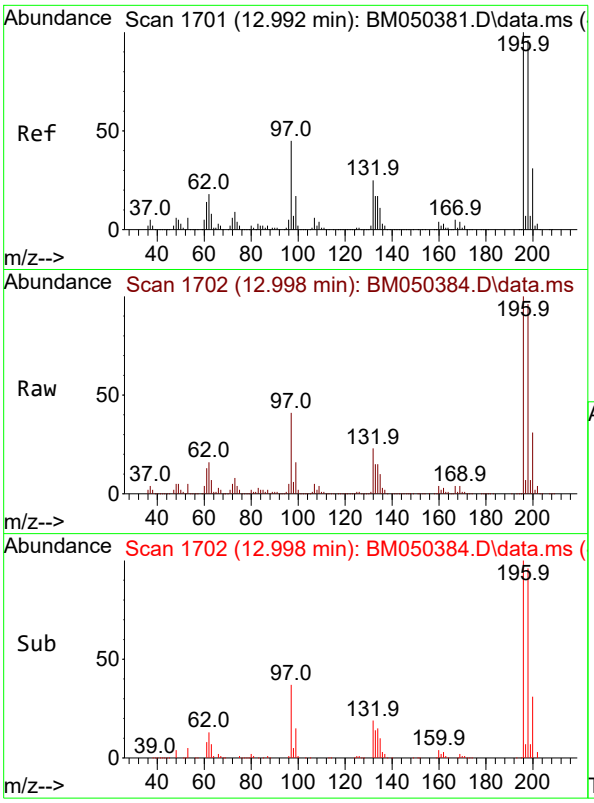


#43
2,4,6-Trichlorophenol
Concen: 87.263 ng
RT: 12.928 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:196 Resp: 1782842

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.1	112.7
200	30.8	24.6	37.0



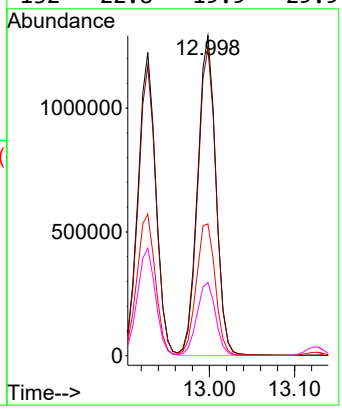


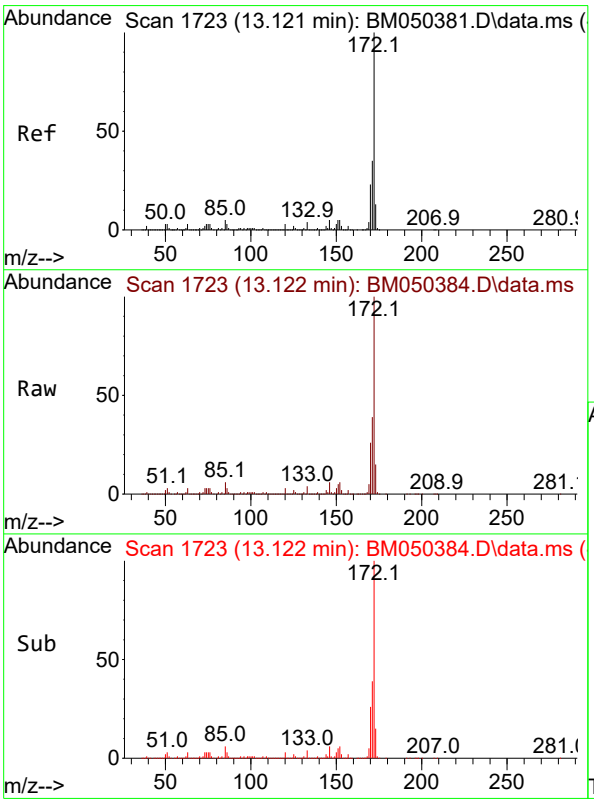
#44
2,4,5-Trichlorophenol
Concen: 86.021 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1919360

Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.2	115.8
97	41.2	36.2	54.4
132	22.8	19.9	29.9

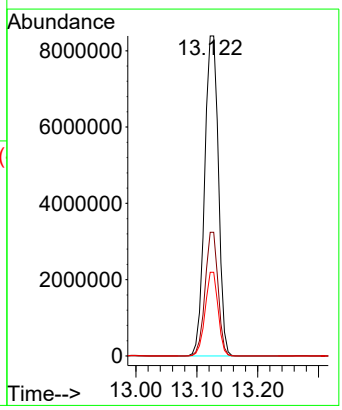


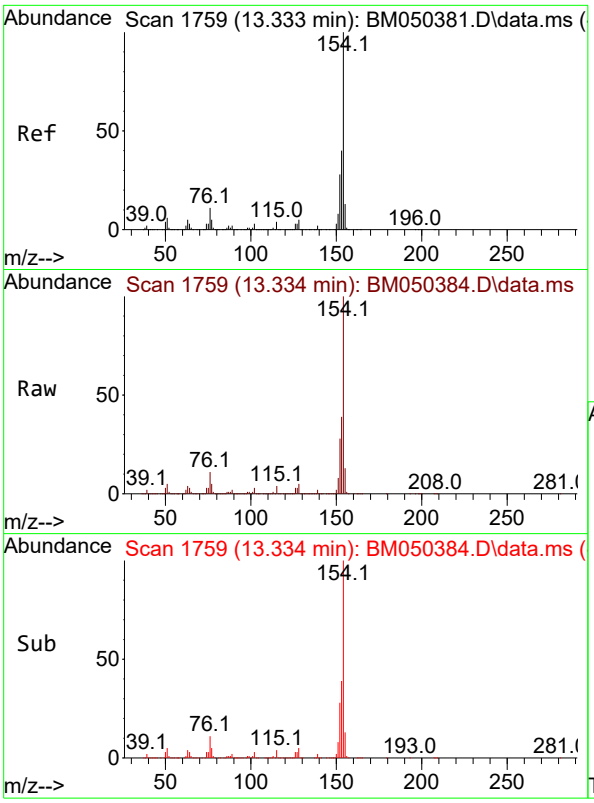


#45
2-Fluorobiphenyl
Concen: 155.576 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:172 Resp:13148691

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.7	41.5
170	26.2	18.8	28.2



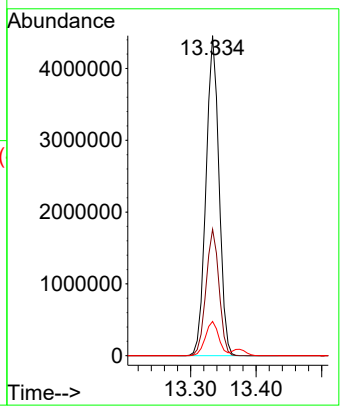


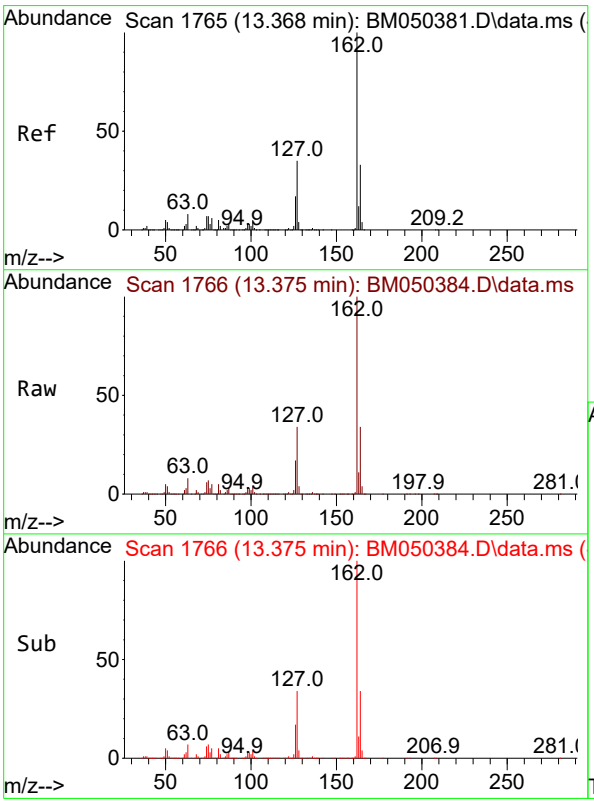
#46
1,1'-Biphenyl
Concen: 79.310 ng
RT: 13.334 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 6141549

Ion	Ratio	Lower	Upper
154	100		
153	39.5	19.7	59.7
76	10.7	0.0	30.9

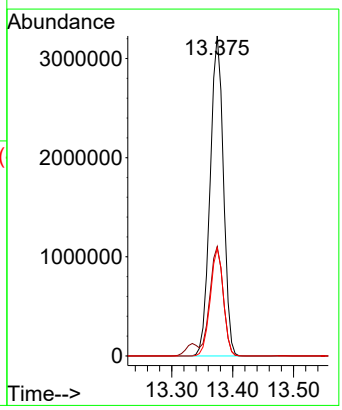


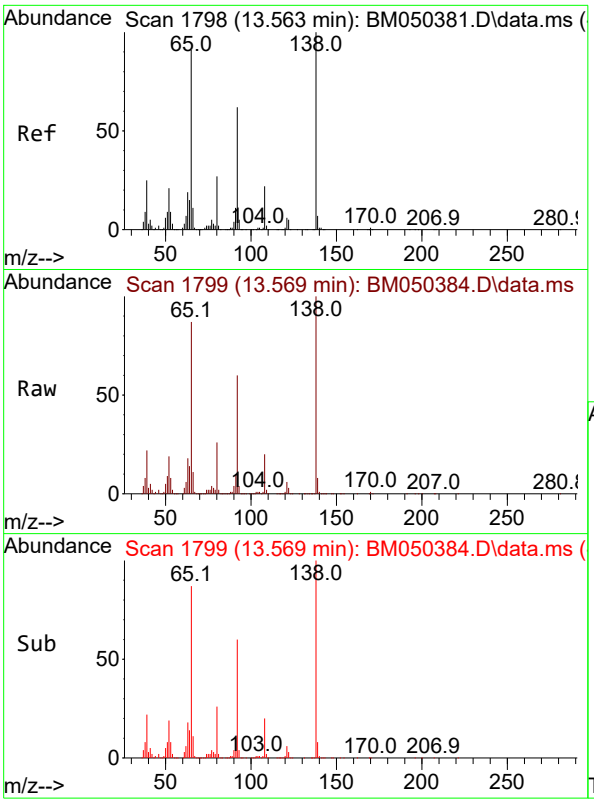


#47
2-Chloronaphthalene
Concen: 79.196 ng
RT: 13.375 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:162 Resp: 4889665

Ion	Ratio	Lower	Upper
162	100		
127	34.2	28.3	42.5
164	33.6	26.6	40.0



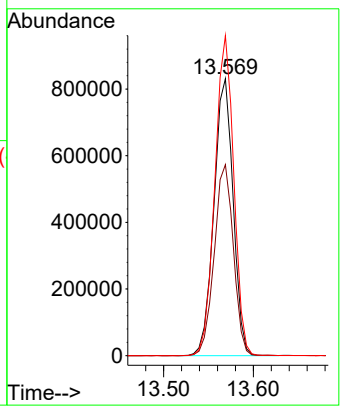


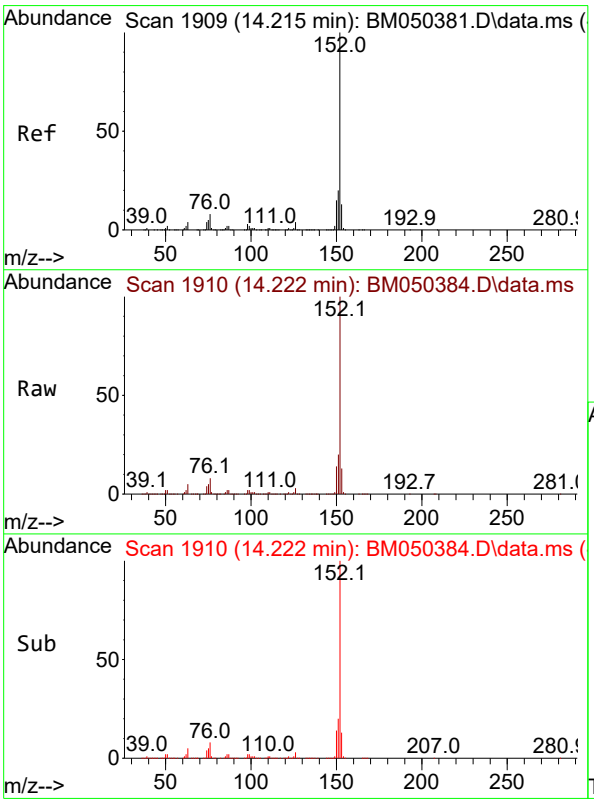
#48
2-Nitroaniline
Concen: 89.485 ng
RT: 13.569 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 65 Resp: 1233222

Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.3	81.5
138	115.5	87.8	131.6

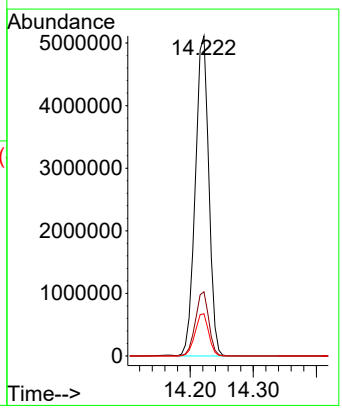


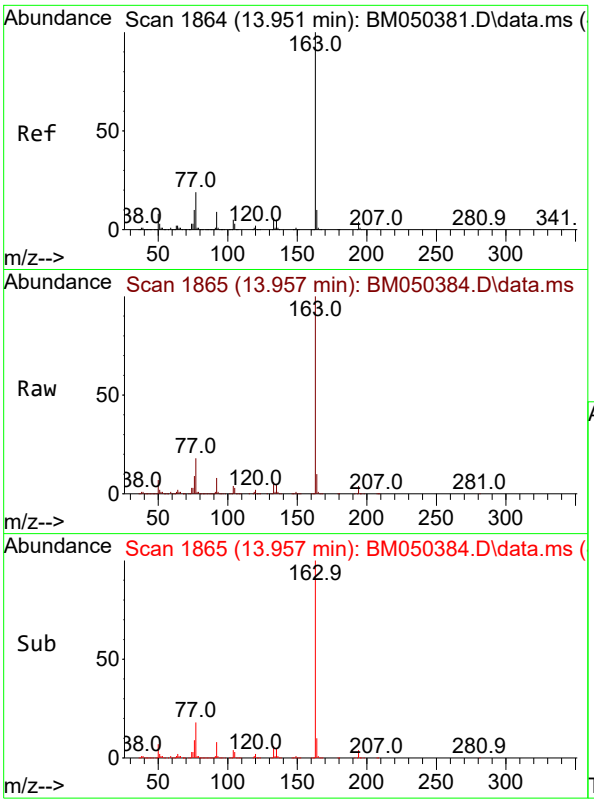


#49
Acenaphthylene
Concen: 81.019 ng
RT: 14.222 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:152 Resp: 7559726

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.2	10.6	15.8



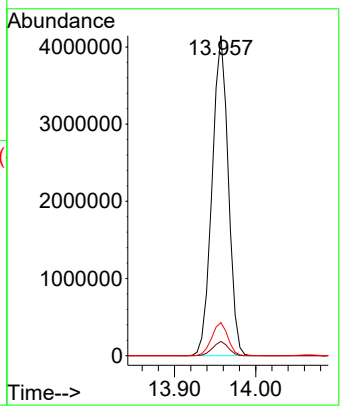


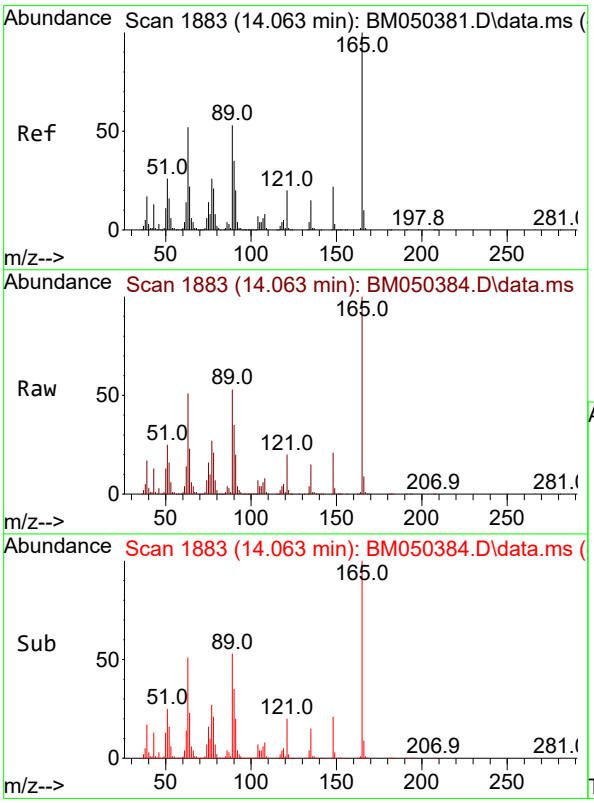
#50
Dimethylphthalate
Concen: 79.779 ng
RT: 13.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:163 Resp: 5732691

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.2

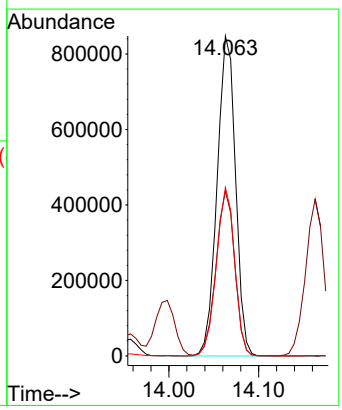


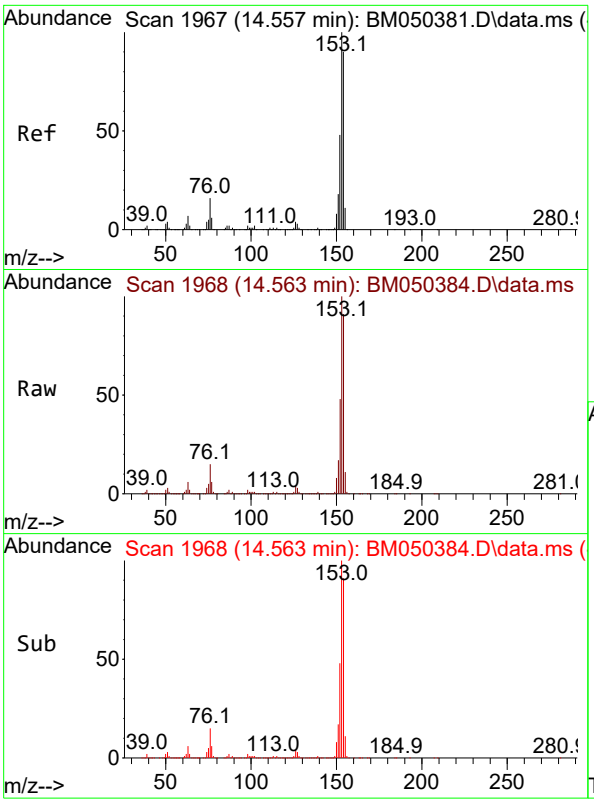


#51
2,6-Dinitrotoluene
Concen: 87.496 ng
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1207179

Ion	Ratio	Lower	Upper
165	100		
63	51.5	42.4	63.6
89	52.7	42.2	63.2



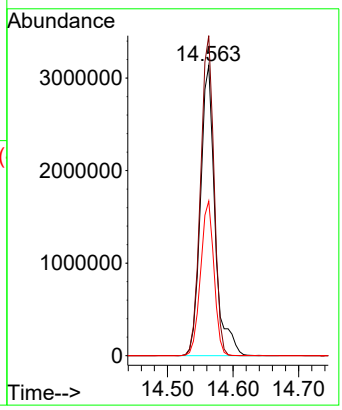


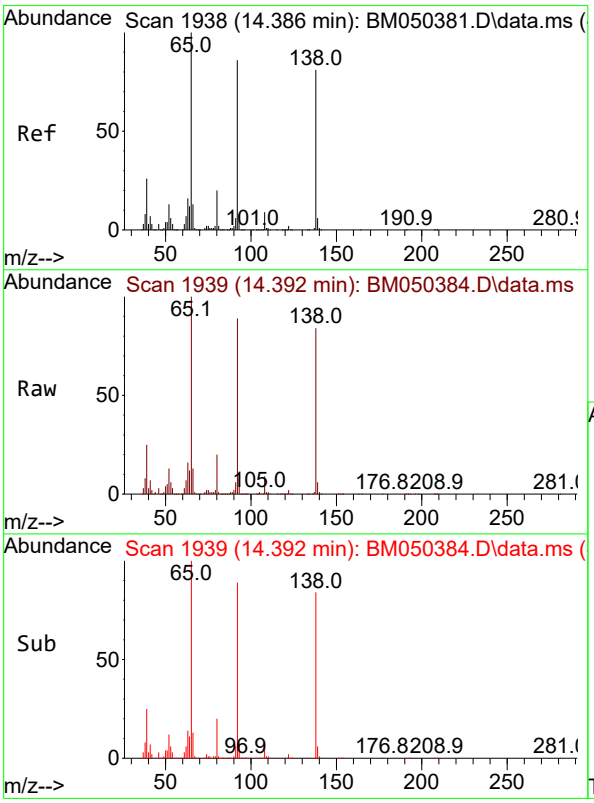
#52
Acenaphthene
Concen: 81.486 ng
RT: 14.563 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:154 Resp: 4833886

Ion	Ratio	Lower	Upper
154	100		
153	110.3	89.2	133.8
152	53.3	42.6	64.0

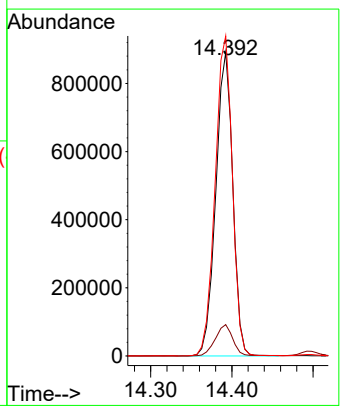


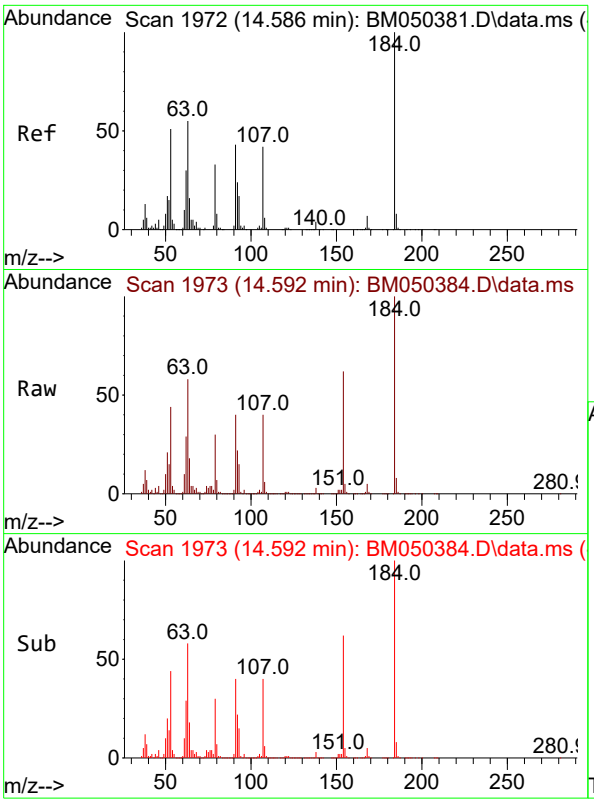


#53
3-Nitroaniline
Concen: 88.444 ng
RT: 14.392 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:138 Resp: 1297724

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.8	13.2
92	105.4	85.0	127.6



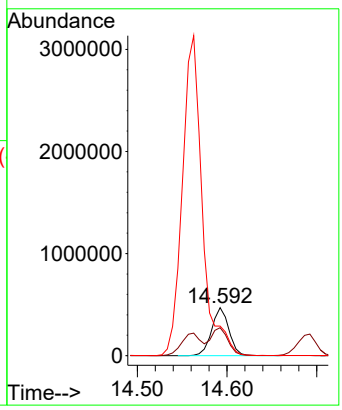


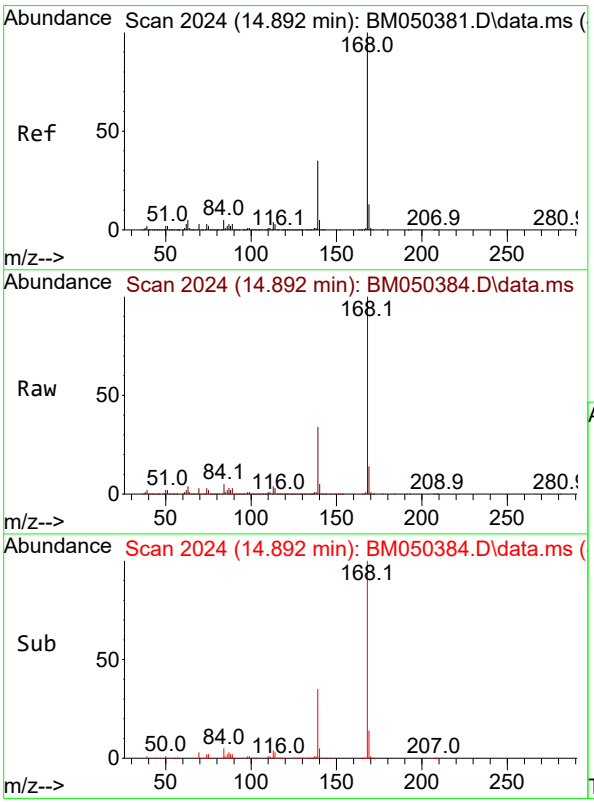
#54
2,4-Dinitrophenol
Concen: 82.116 ng
RT: 14.592 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 626569

Ion	Ratio	Lower	Upper
184	100		
63	58.4	53.4	80.0
154	61.7	61.6	92.4

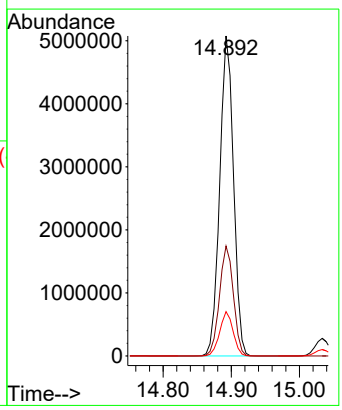


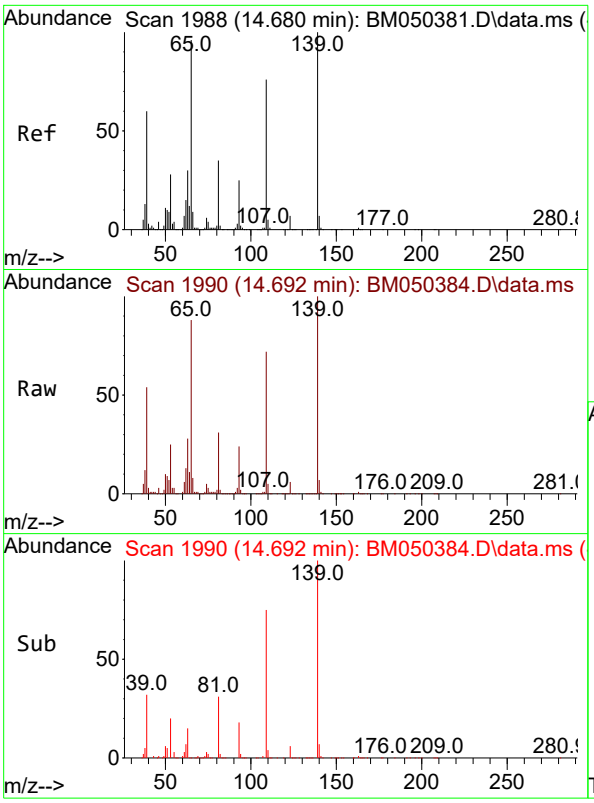


#55
Dibenzofuran
Concen: 78.152 ng
RT: 14.892 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:168 Resp: 7143343

Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.7	41.5
169	13.8	10.7	16.1



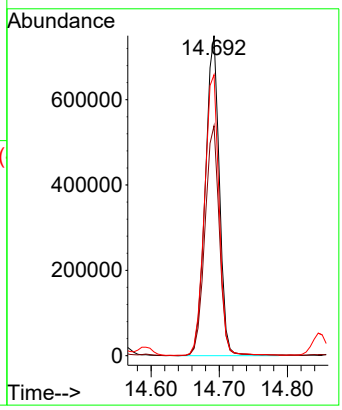


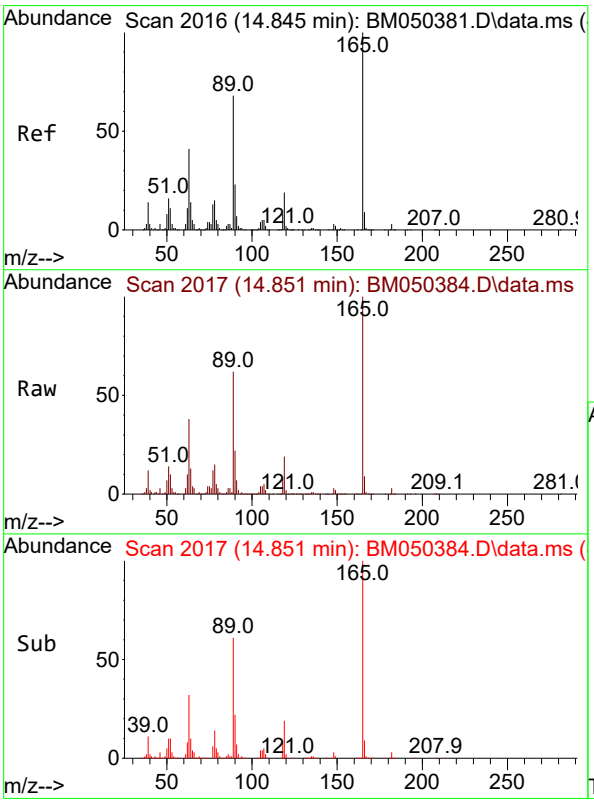
#56
4-Nitrophenol
Concen: 85.262 ng
RT: 14.692 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:139 Resp: 1075848

Ion	Ratio	Lower	Upper
139	100		
109	71.9	56.5	96.5
65	87.8	76.4	116.4

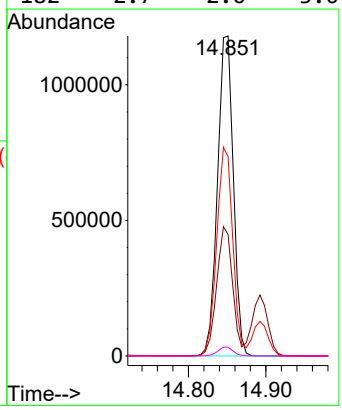


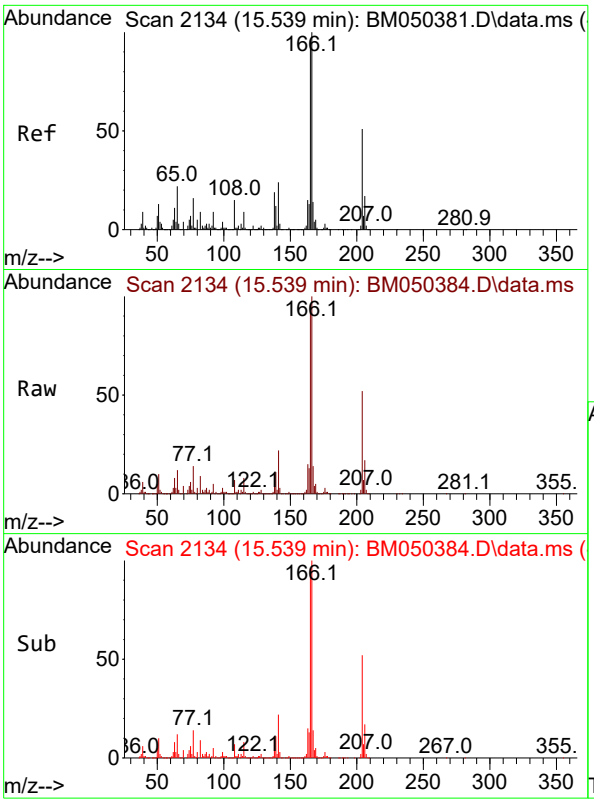


#57
2,4-Dinitrotoluene
Concen: 79.189 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:165 Resp: 1674329

Ion	Ratio	Lower	Upper
165	100		
63	37.9	32.5	48.7
89	62.2	54.0	81.0
182	2.7	2.0	3.0



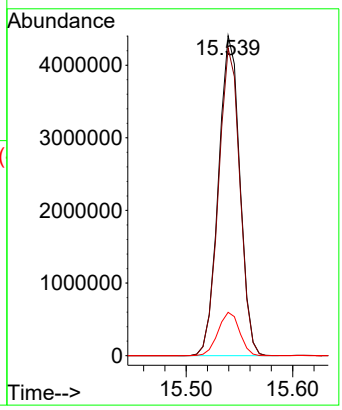


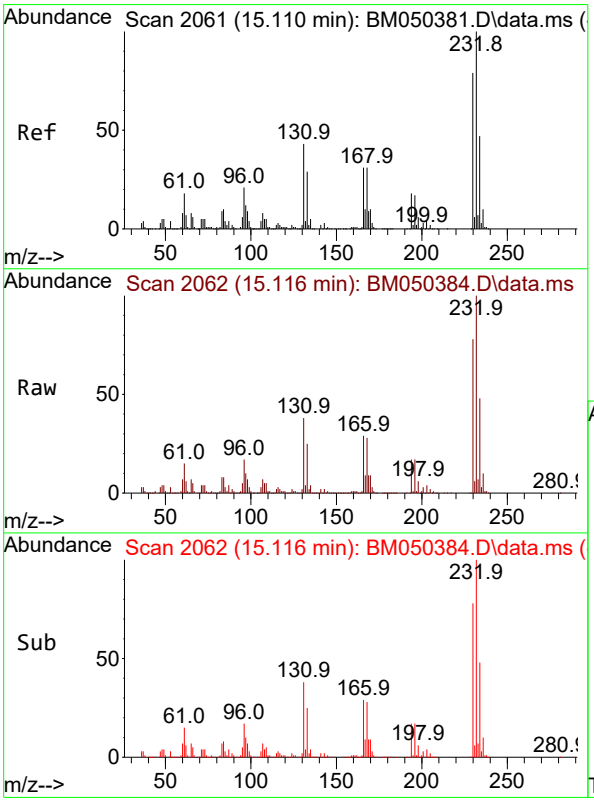
#58
Fluorene
Concen: 81.530 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:166 Resp: 6138107

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.6	10.9	16.3

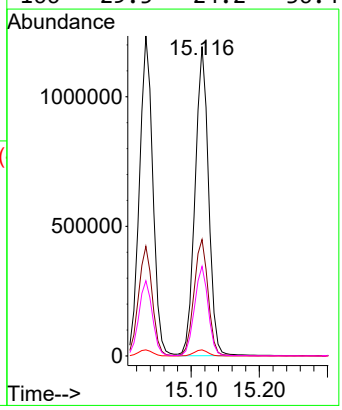


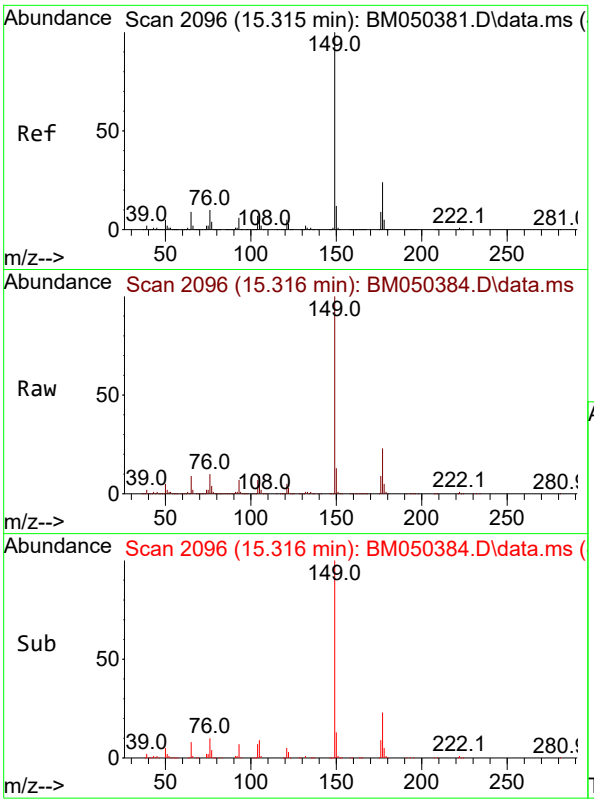


#59
2,3,4,6-Tetrachlorophenol
Concen: 87.136 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:232 Resp: 1636646

Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.4	50.0
130	2.1	1.8	2.6
166	29.5	24.2	36.4



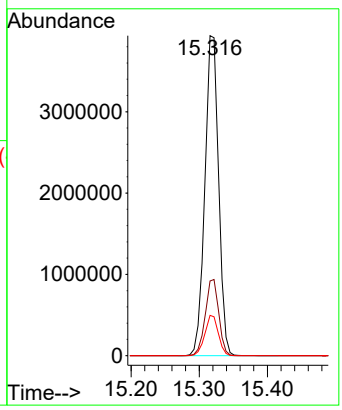


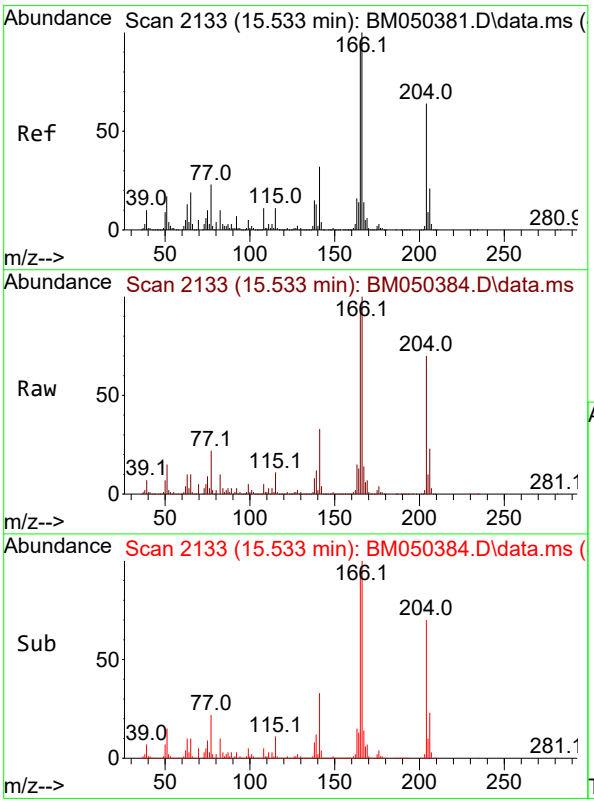
#60
Diethylphthalate
Concen: 80.291 ng
RT: 15.316 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 5511226

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.8	28.2
150	12.6	9.8	14.8

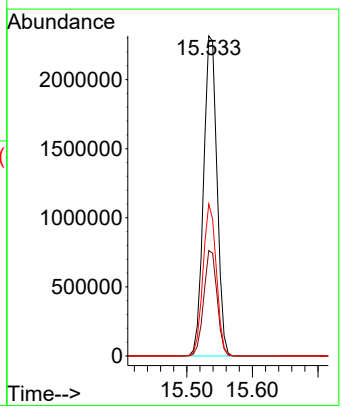


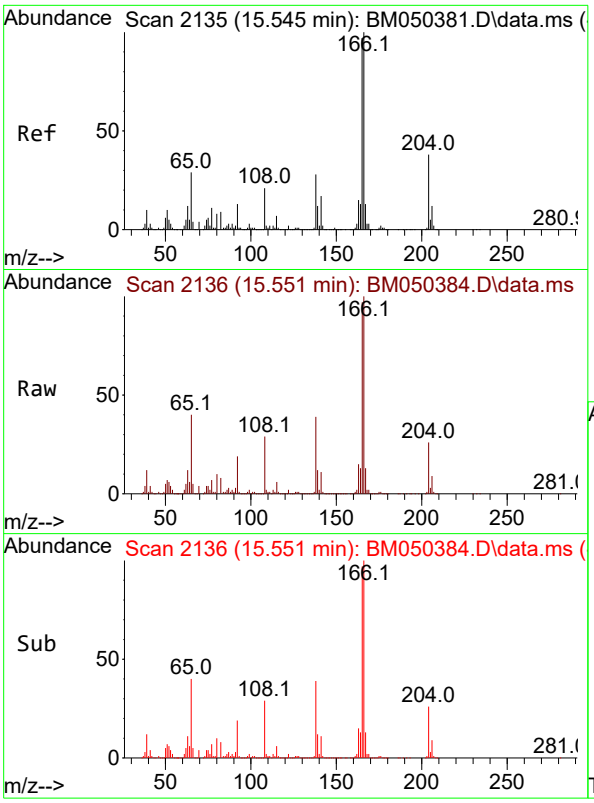


#61
4-Chlorophenyl-phenylether
Concen: 83.798 ng
RT: 15.533 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:204 Resp: 3298863

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	47.5	39.9	59.9



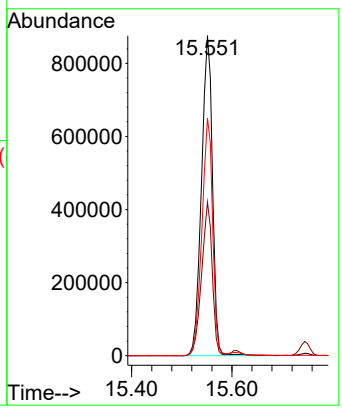


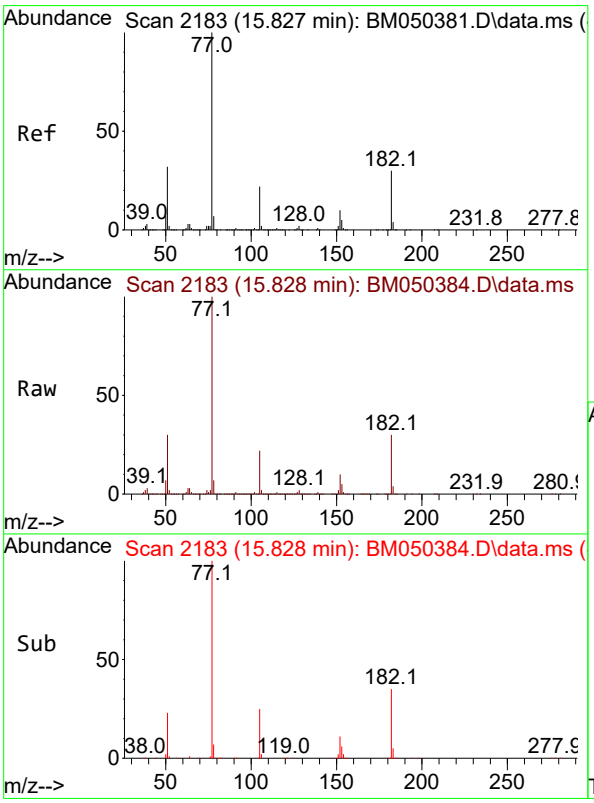
#62
4-Nitroaniline
Concen: 77.536 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 1336300

Ion	Ratio	Lower	Upper
138	100		
92	48.0	24.5	64.5
108	74.2	52.5	92.5

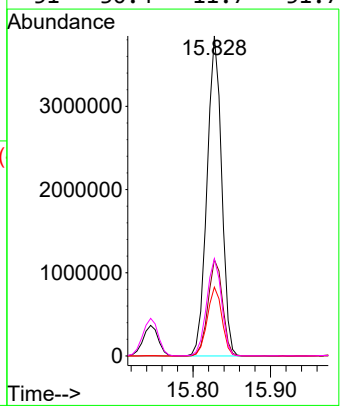


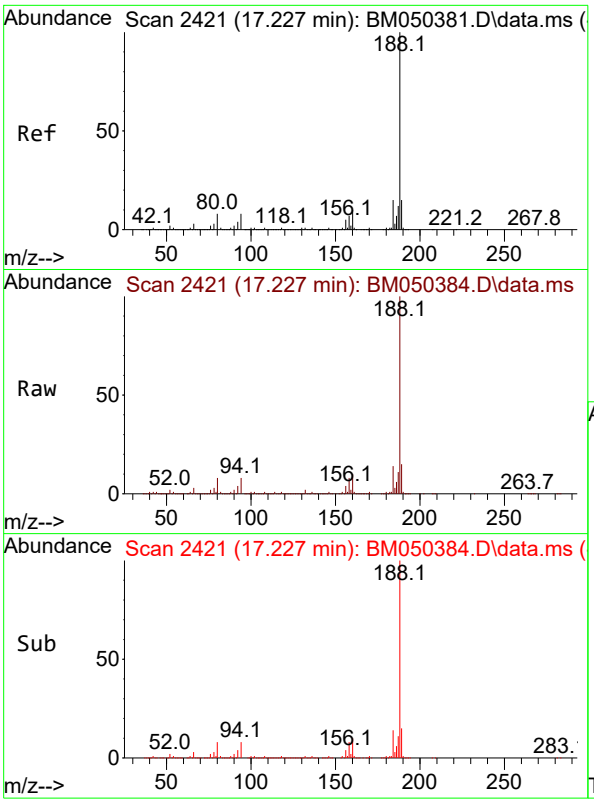


#63
Azobenzene
Concen: 79.741 ng
RT: 15.828 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion: 77 Resp: 5026045

Ion	Ratio	Lower	Upper
77	100		
182	30.1	10.0	50.0
105	21.5	2.0	42.0
51	30.4	11.7	51.7



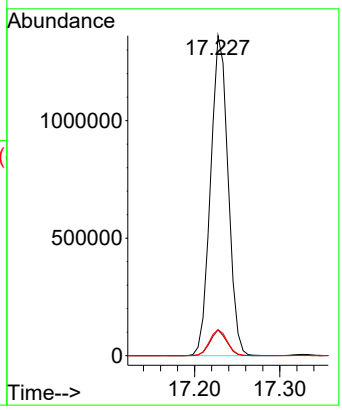


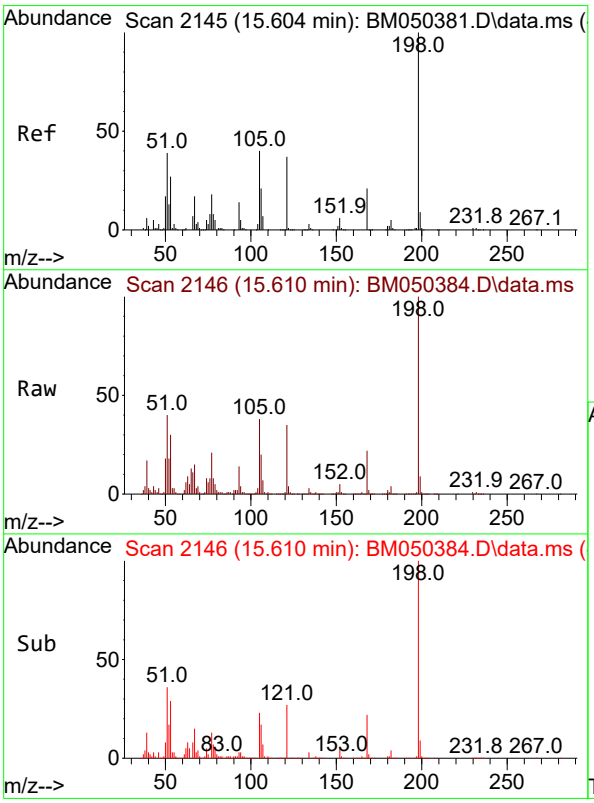
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:188 Resp: 1944455

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.0	9.0
80	8.1	6.5	9.7

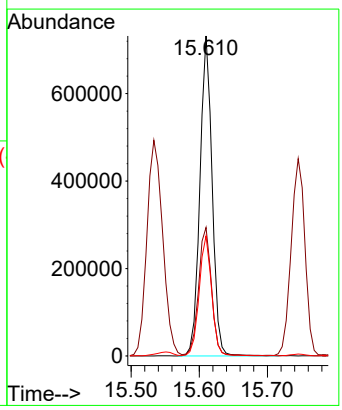


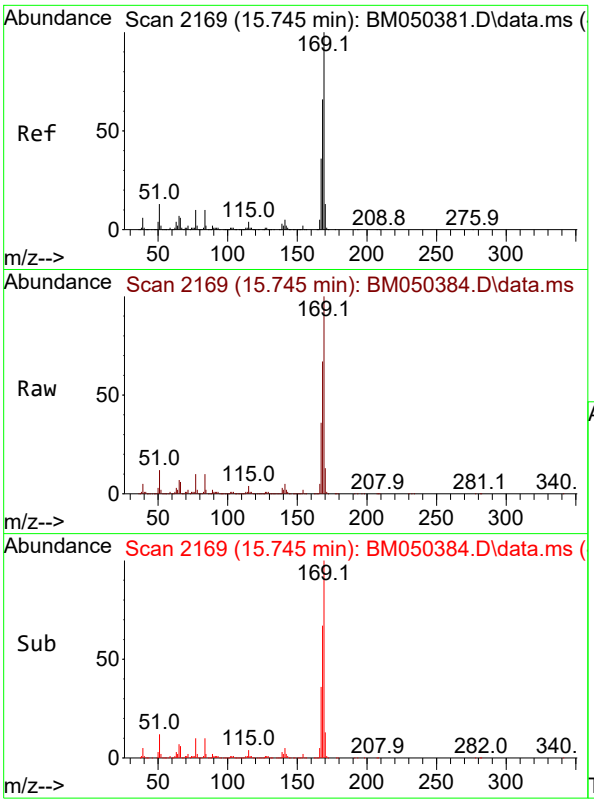


#65
4,6-Dinitro-2-methylphenol
Concen: 82.140 ng
RT: 15.610 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:198 Resp: 912781

Ion	Ratio	Lower	Upper
198	100		
51	40.1	26.6	66.6
105	37.5	20.9	60.9



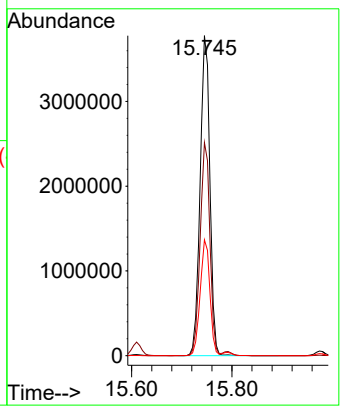


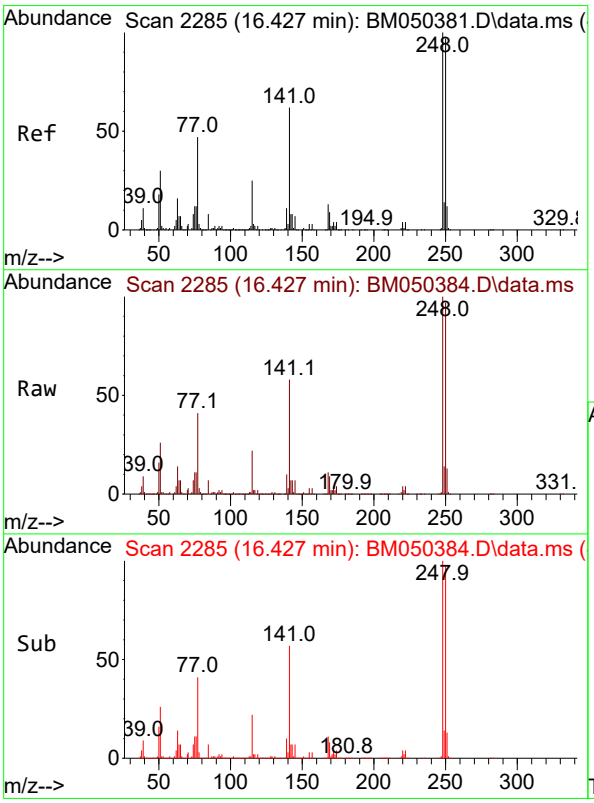
#66
n-Nitrosodiphenylamine
Concen: 83.592 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:169 Resp: 5086187

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.2	79.8
167	36.2	28.7	43.1

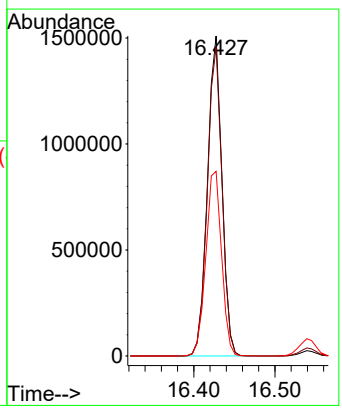


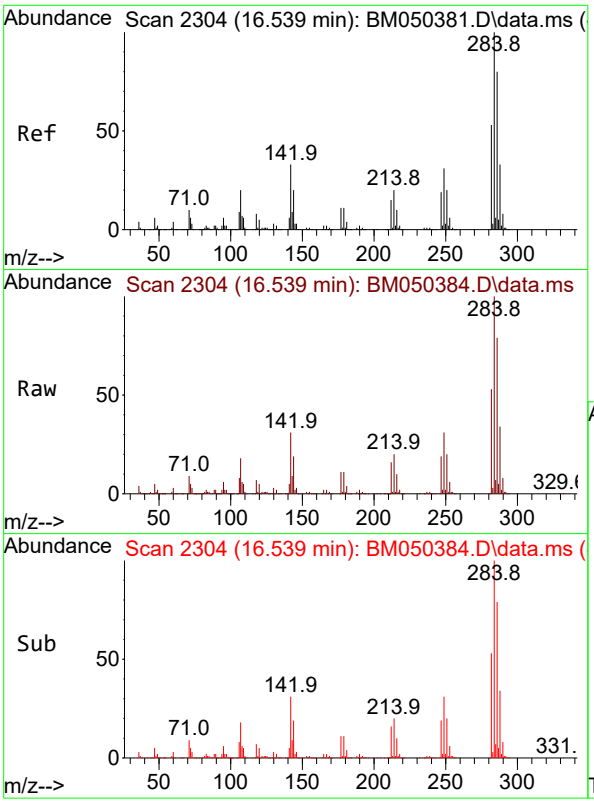


#67
4-Bromophenyl-phenylether
Concen: 87.664 ng
RT: 16.427 min Scan# 2285
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:248 Resp: 1878071

Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.9	116.9
141	57.7	49.7	74.5



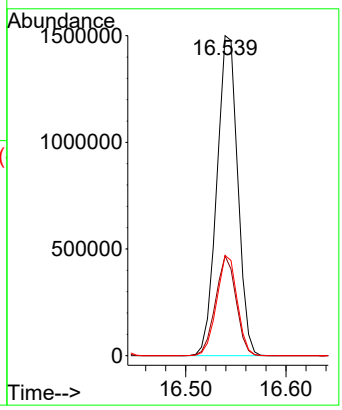


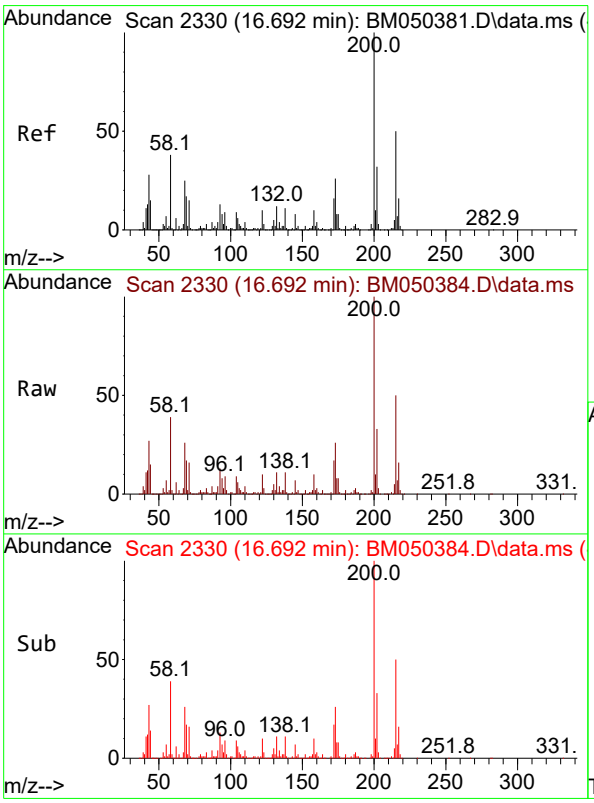
#68
Hexachlorobenzene
Concen: 85.534 ng
RT: 16.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:284 Resp: 2164238

Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.8	40.2
249	31.3	24.5	36.7

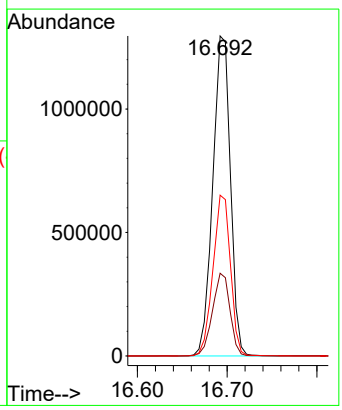


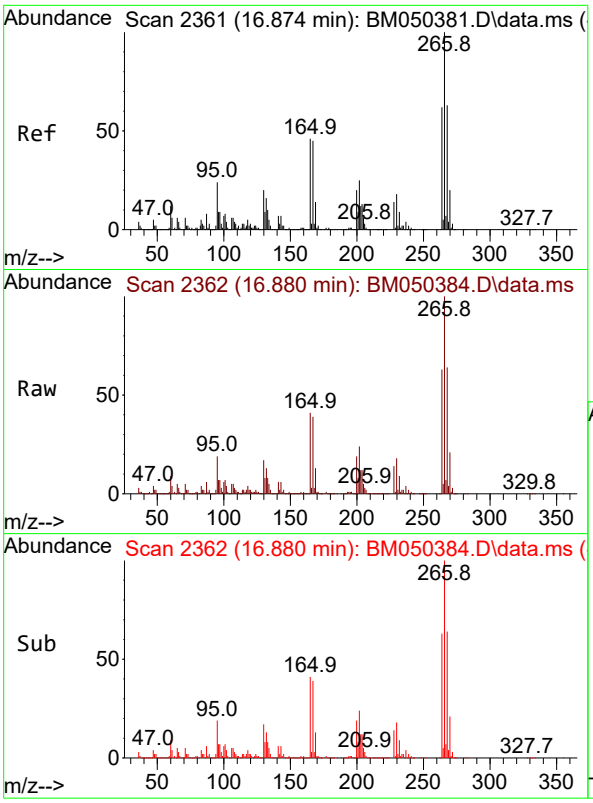


#69
Atrazine
Concen: 88.450 ng
RT: 16.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:200 Resp: 1767182

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.6	45.6
215	50.3	29.6	69.6



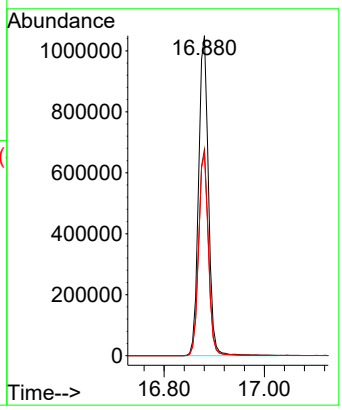


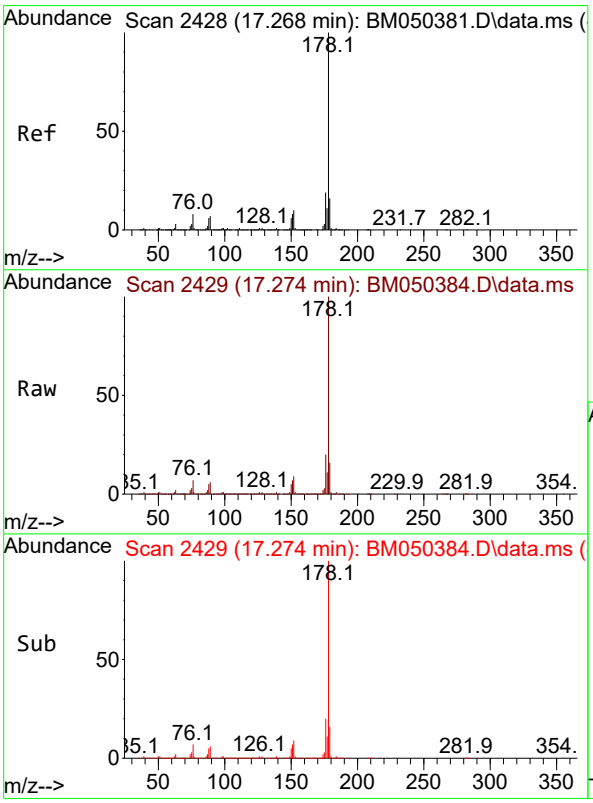
#70
Pentachlorophenol
Concen: 90.473 ng
RT: 16.880 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1425059

Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.5	75.7
264	63.1	49.9	74.9

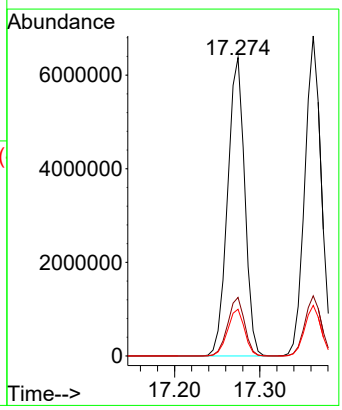


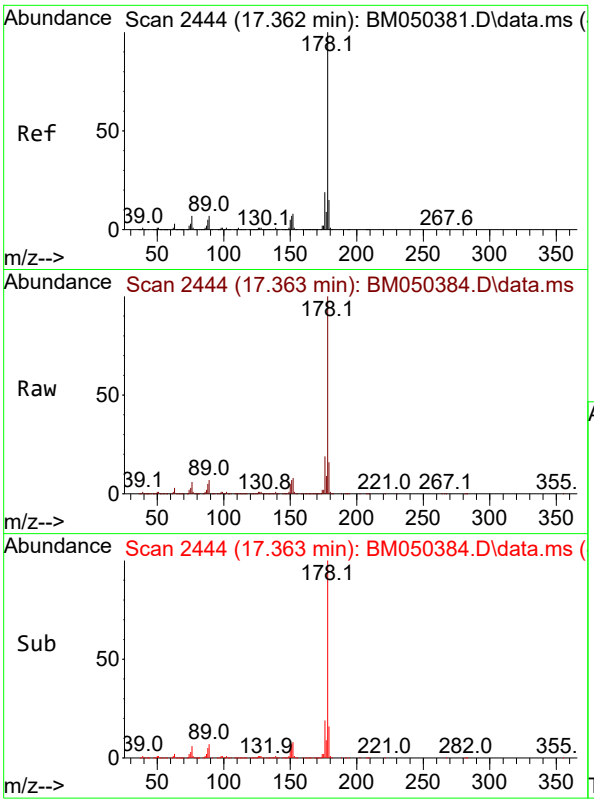


#71
Phenanthrene
Concen: 80.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:178 Resp: 8893346

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.7	12.5	18.7



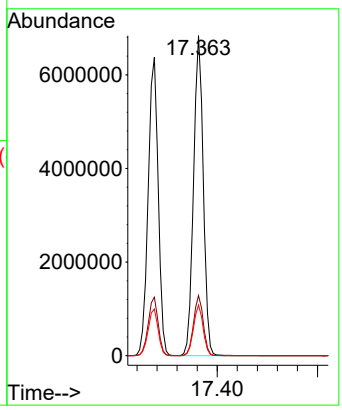


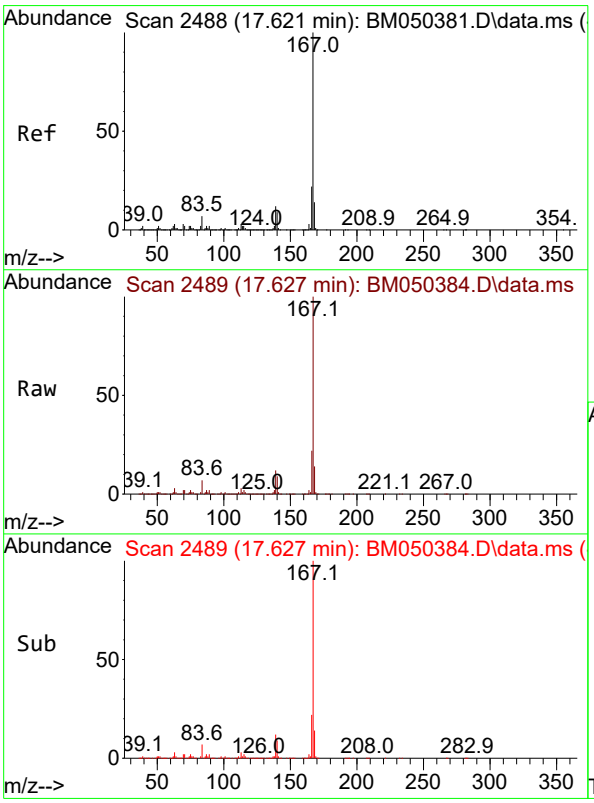
#72
Anthracene
Concen: 83.709 ng
RT: 17.363 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 9167986

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.8	12.2	18.4

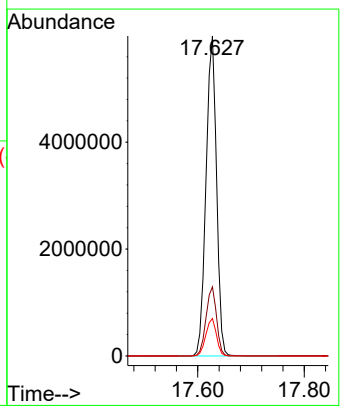


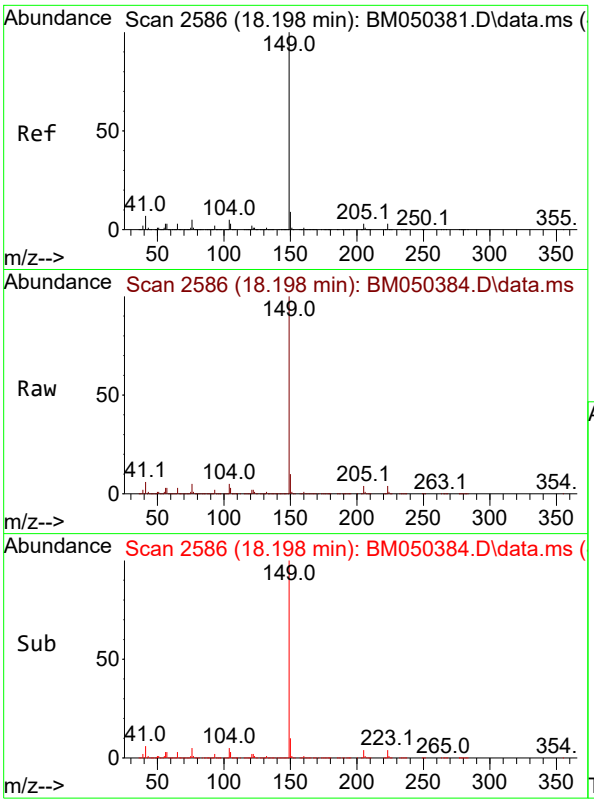


#73
Carbazole
Concen: 82.547 ng
RT: 17.627 min Scan# 2489
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:167 Resp: 8180242

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	11.7	9.9	14.9



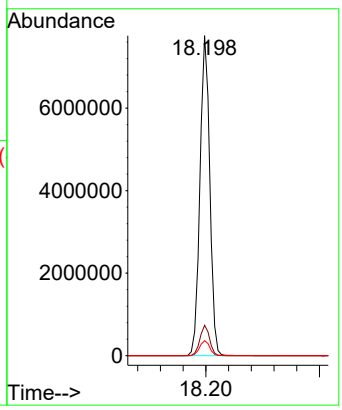


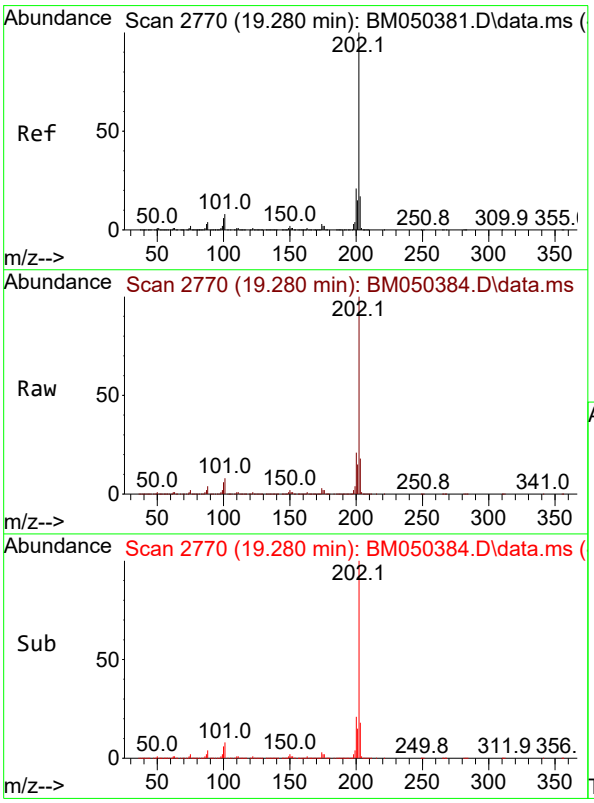
#74
Di-n-butylphthalate
Concen: 85.749 ng
RT: 18.198 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 9300935

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.7	3.9	5.9

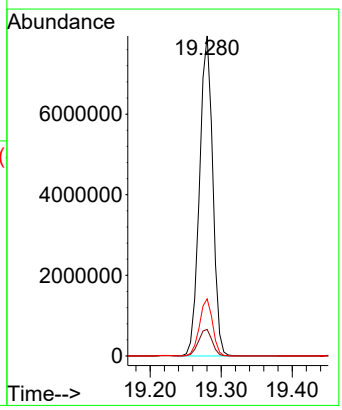


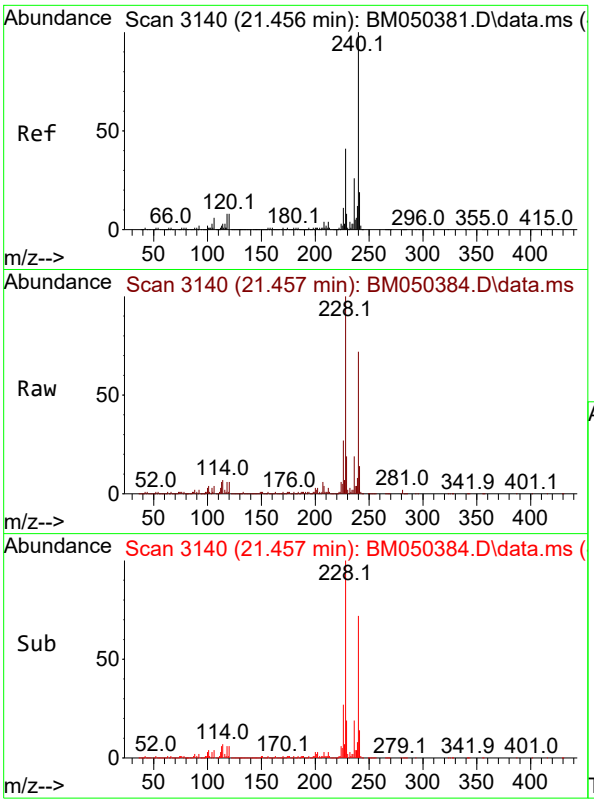


#75
Fluoranthene
Concen: 86.256 ng
RT: 19.280 min Scan# 2770
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:202 Resp:10317307

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.3
203	17.9	0.0	37.2



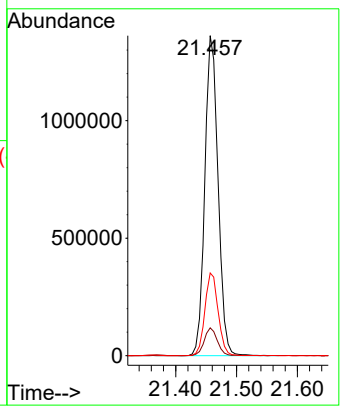


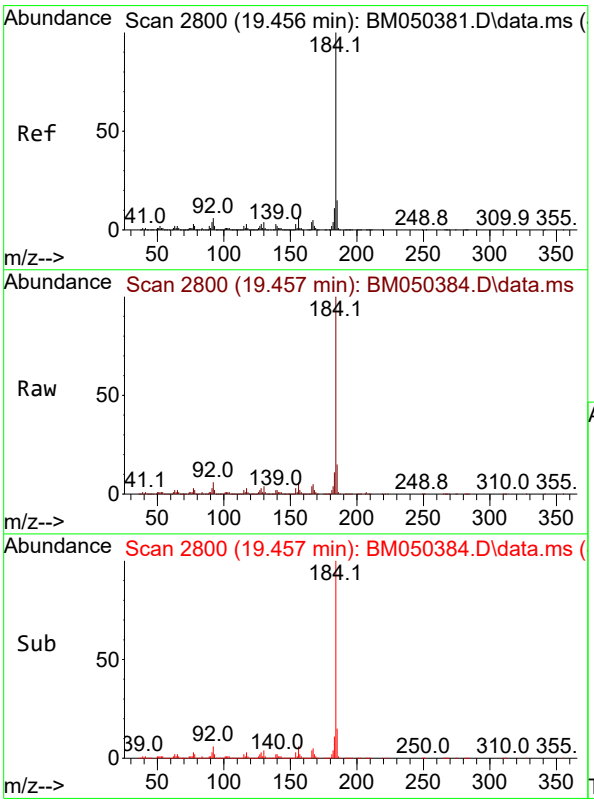
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 2055292

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	25.8	20.7	31.1

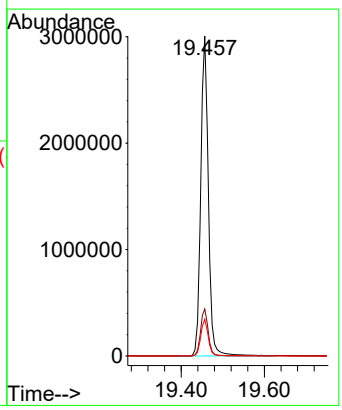


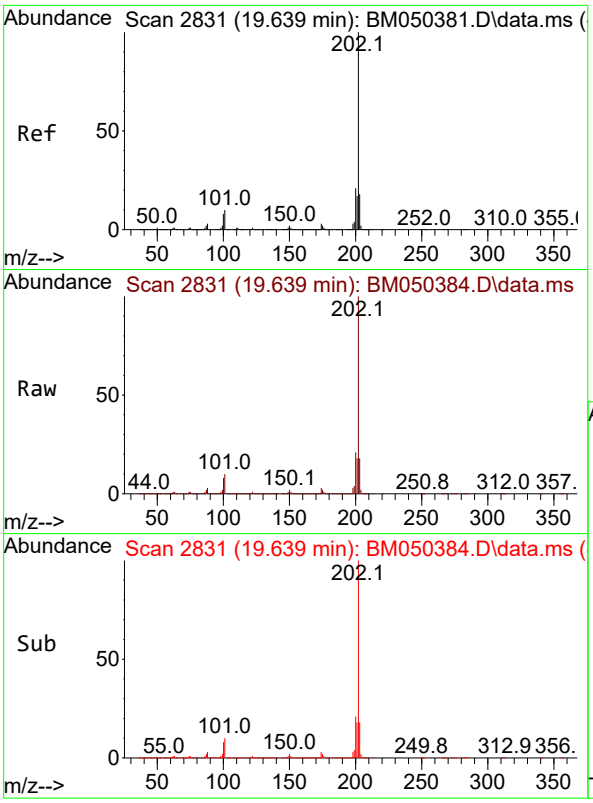


#77
Benzidine
Concen: 72.819 ng
RT: 19.457 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:184 Resp: 3817410

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.7	17.5
183	11.4	9.0	13.6



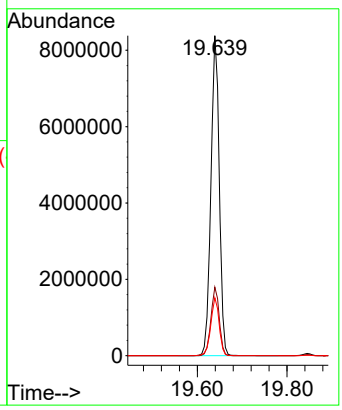


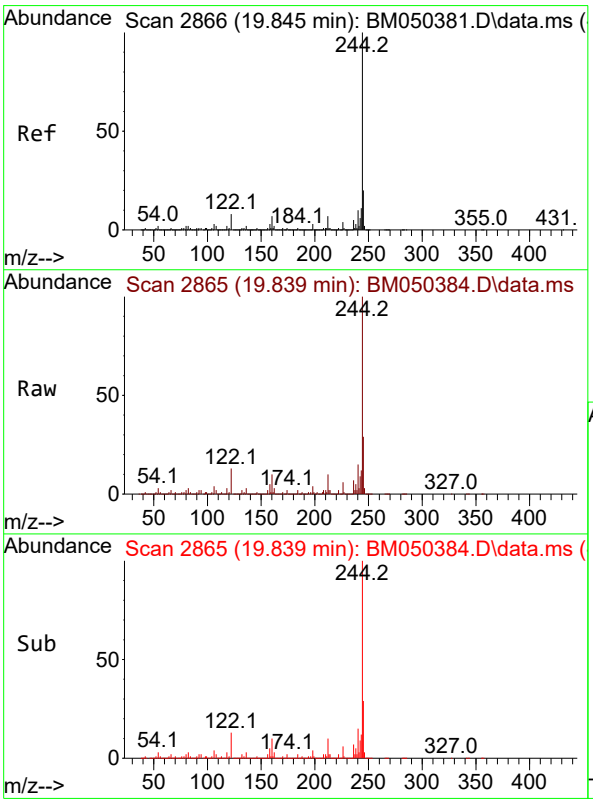
#78
Pyrene
Concen: 82.185 ng
RT: 19.639 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp:10818153

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.1	14.1	21.1

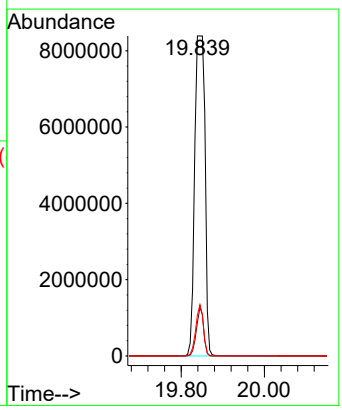


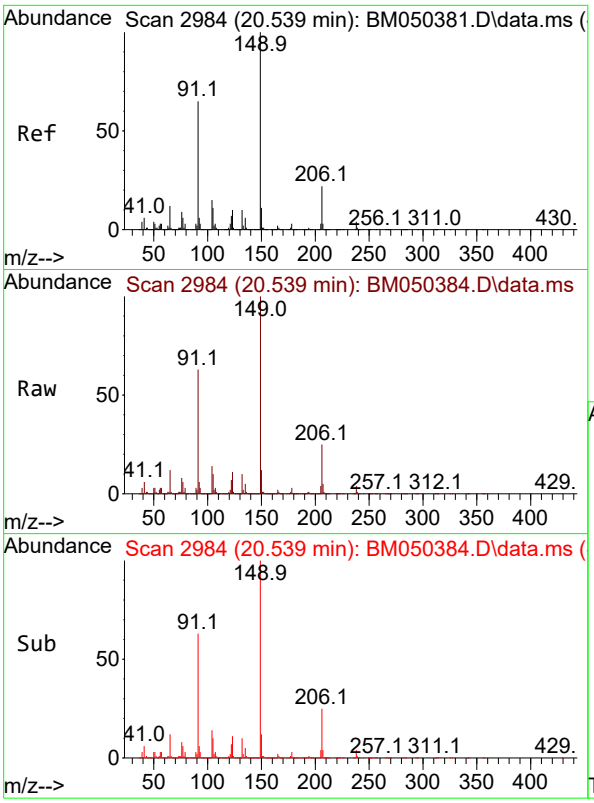


#79
Terphenyl-d14
Concen: 123.577 ng
RT: 19.839 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:244 Resp:14435460

Ion	Ratio	Lower	Upper
244	100		
212	10.5	5.7	8.5#
122	12.8	6.2	9.2#



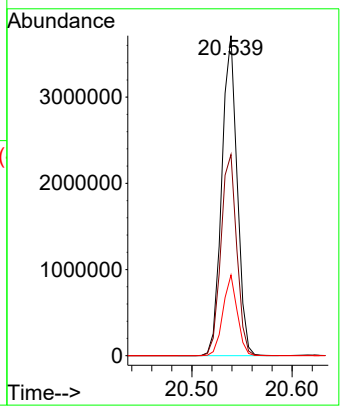


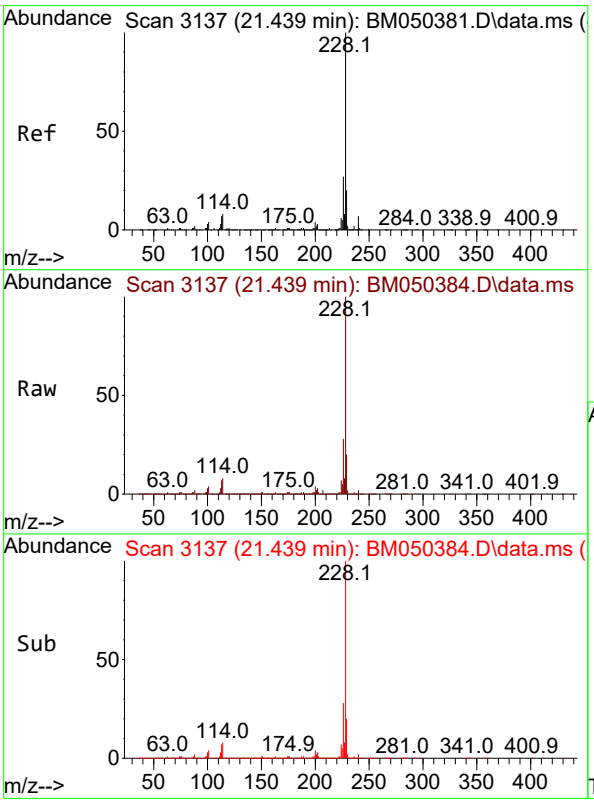
#80
Butylbenzylphthalate
Concen: 90.734 ng
RT: 20.539 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3938114

Ion	Ratio	Lower	Upper
149	100		
91	62.9	51.6	77.4
206	25.2	17.8	26.8

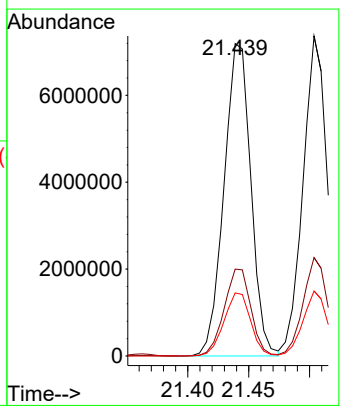


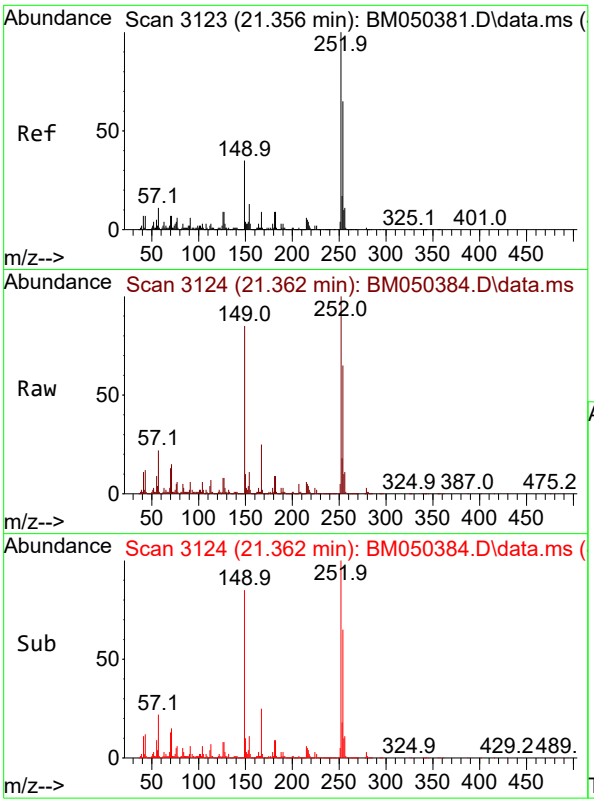


#81
Benzo(a)anthracene
Concen: 82.558 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:11055858

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.2	16.0	24.0



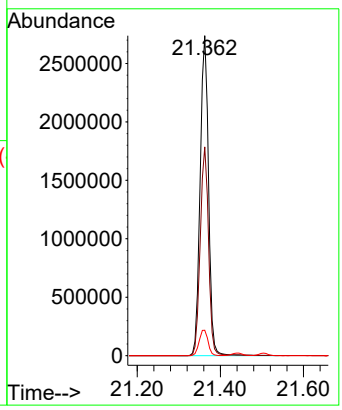


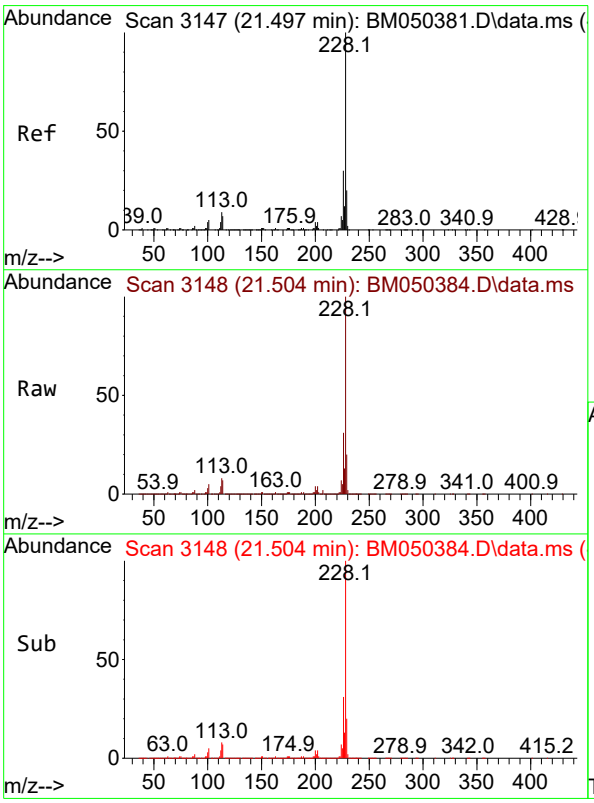
#82
3,3'-Dichlorobenzidine
Concen: 84.699 ng
RT: 21.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 3825108

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.7	77.5
126	8.0	7.3	10.9

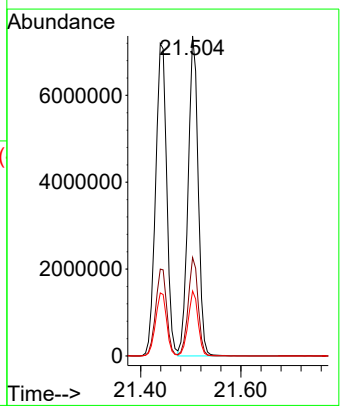


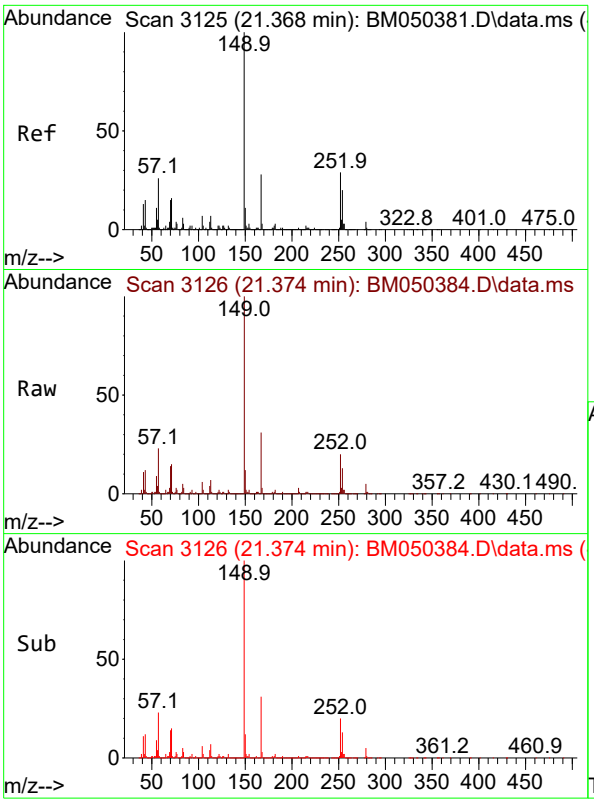


#83
Chrysene
Concen: 81.310 ng
RT: 21.504 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:228 Resp:10270454

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	20.3	15.8	23.6



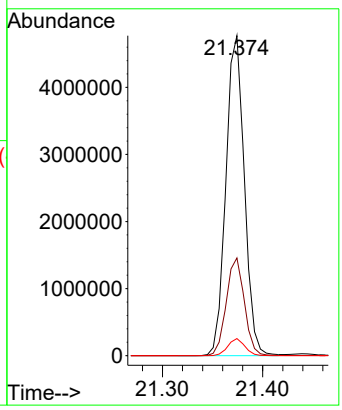


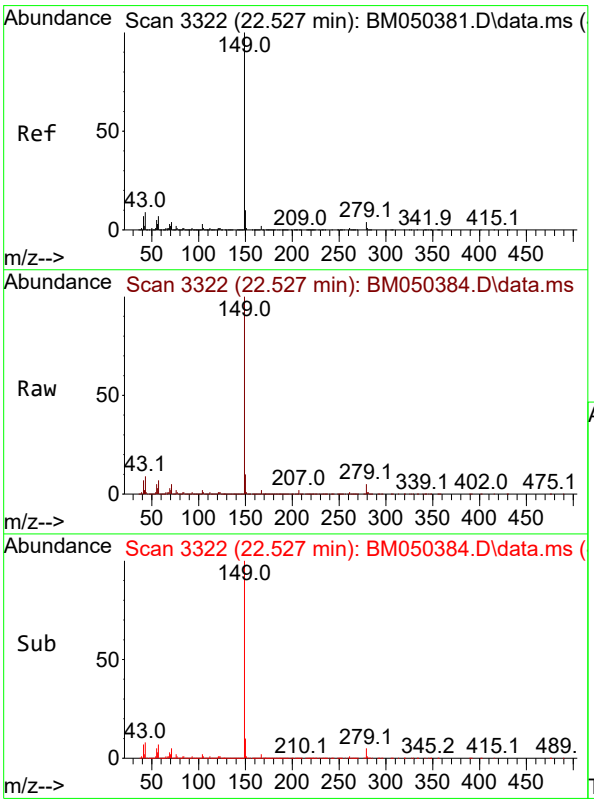
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.540 ng
RT: 21.374 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6100517

Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.7	34.1
279	5.4	3.5	5.3#

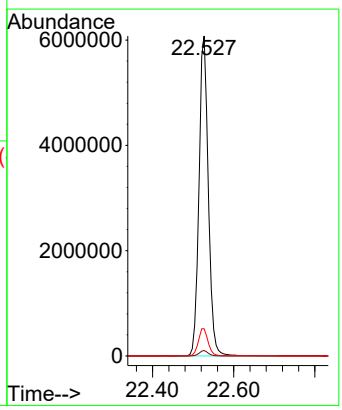


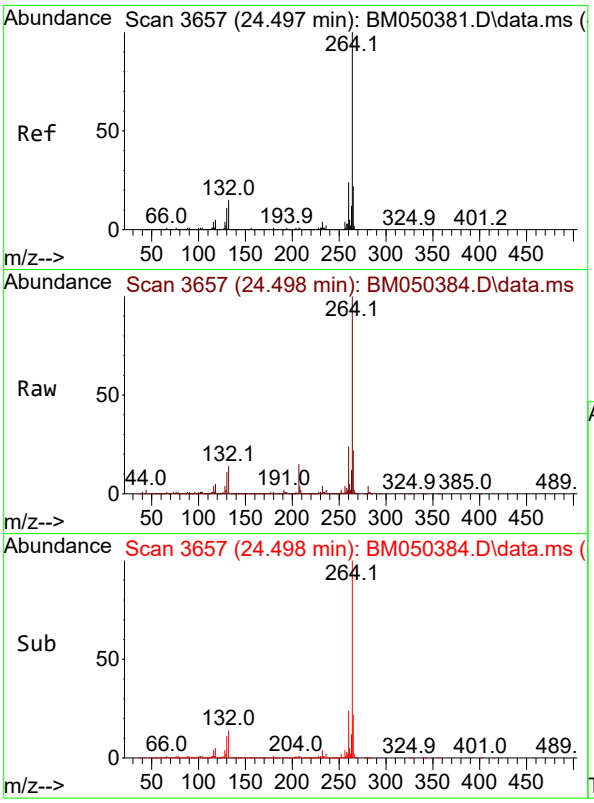


#85
Di-n-octyl phthalate
Concen: 90.093 ng
RT: 22.527 min Scan# 3322
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:149 Resp: 9722259

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.0	7.7	11.5



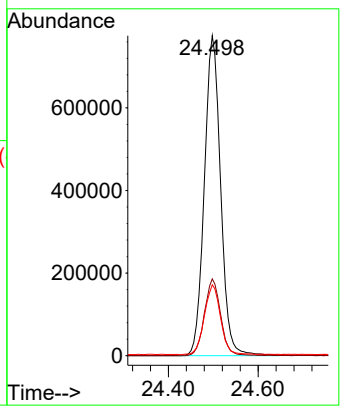


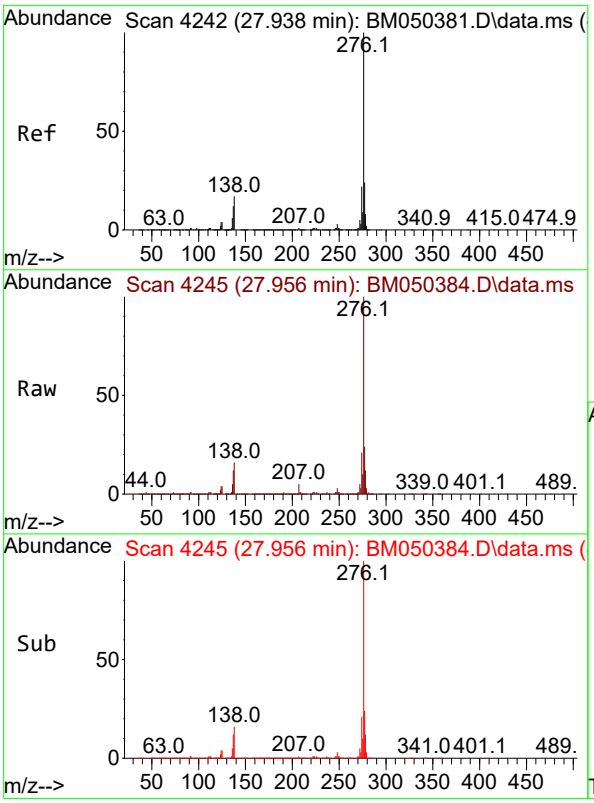
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.498 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1953481

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.8	26.6

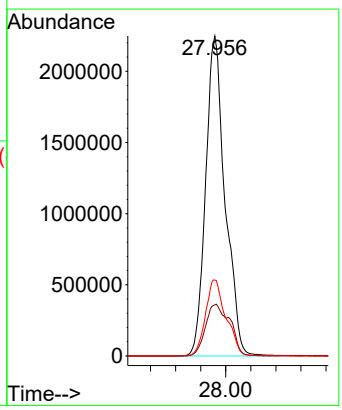


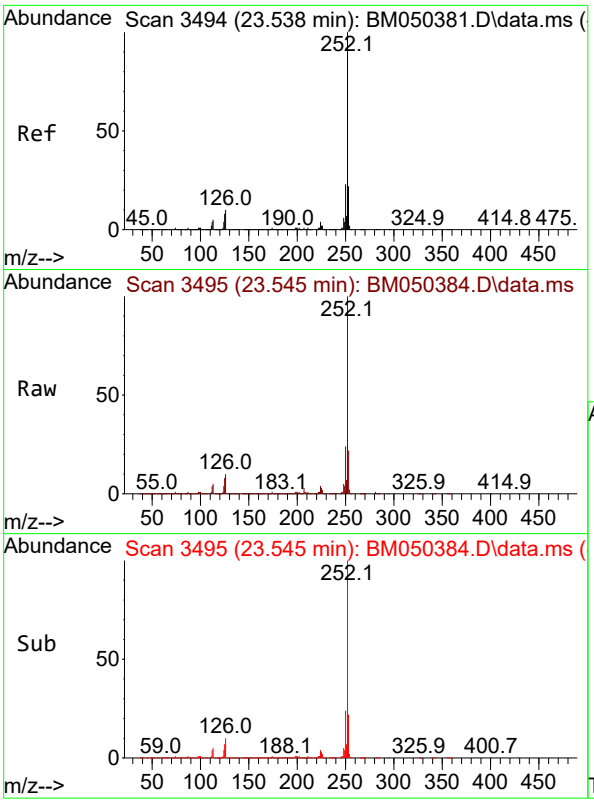


#87
Indeno(1,2,3-cd)pyrene
Concen: 87.270 ng
RT: 27.956 min Scan# 4245
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:276 Resp:12120915

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.0	25.6
277	25.1	20.0	30.0



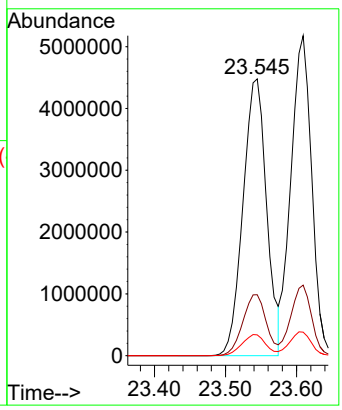


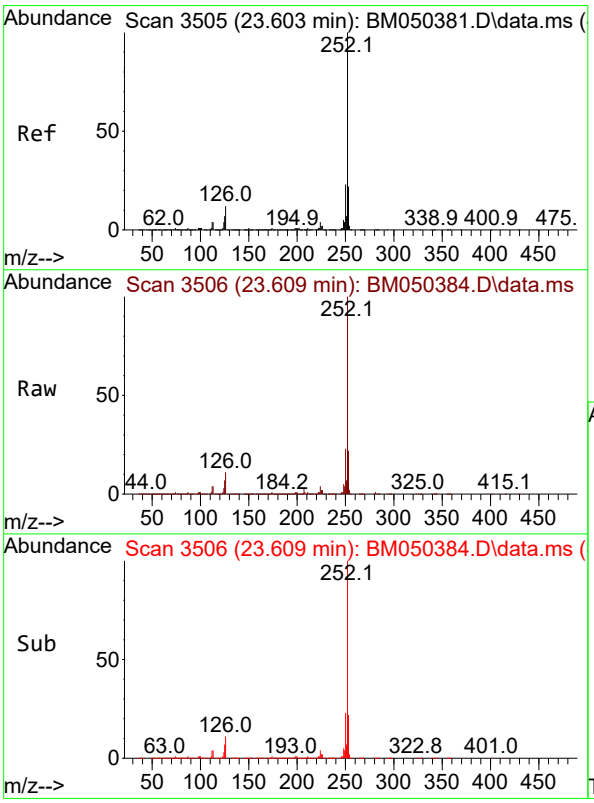
#88
Benzo(b)fluoranthene
Concen: 86.316 ng
RT: 23.545 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp:10371642

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	7.5	6.3	9.5

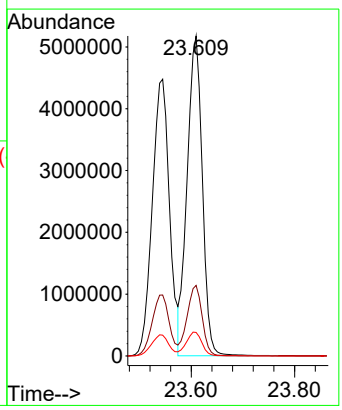


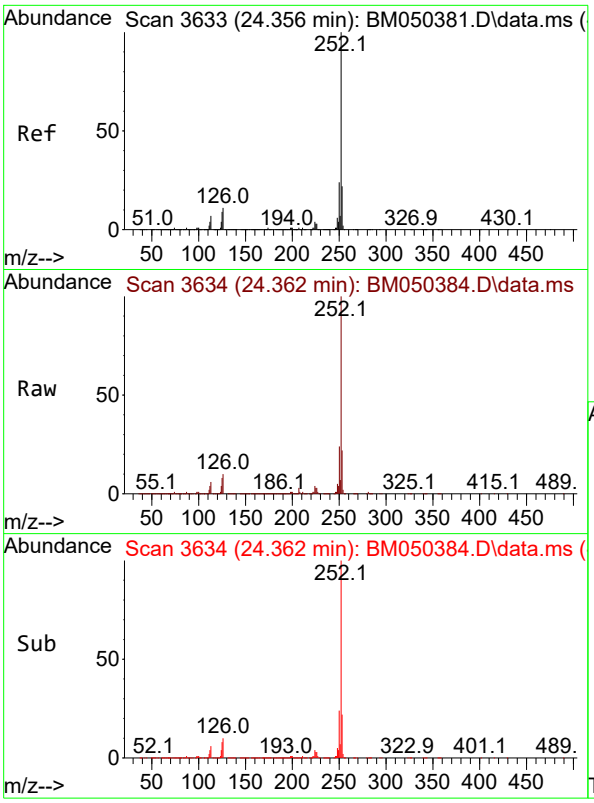


#89
Benzo(k)fluoranthene
Concen: 84.592 ng
RT: 23.609 min Scan# 3506
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:252 Resp:10546917

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.3	6.2	9.2



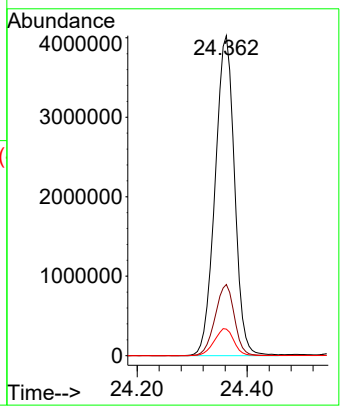


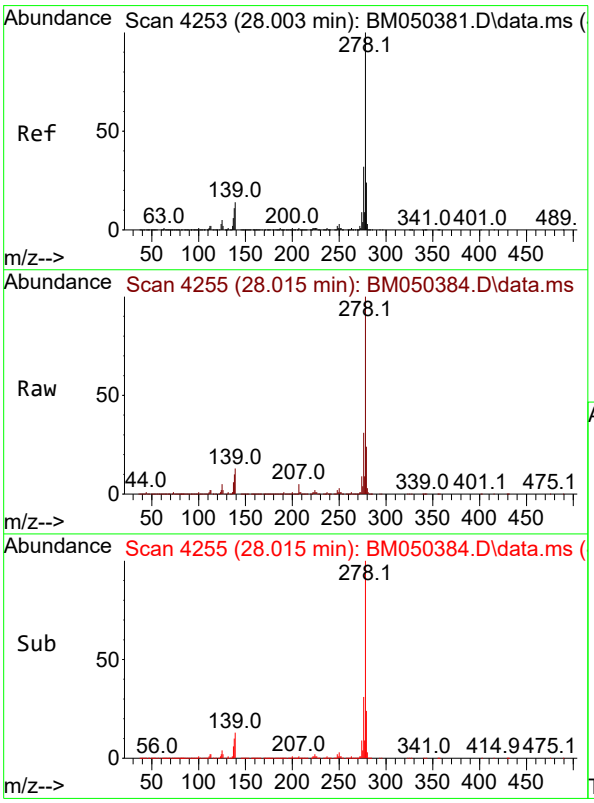
#90
Benzo(a)pyrene
Concen: 87.833 ng
RT: 24.362 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 9879526

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.3	7.0	10.4

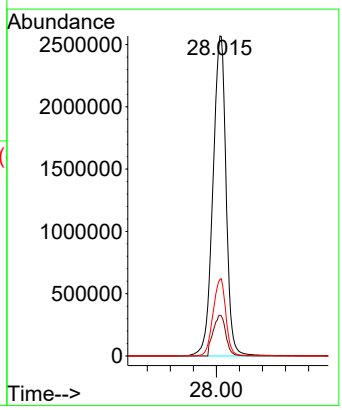


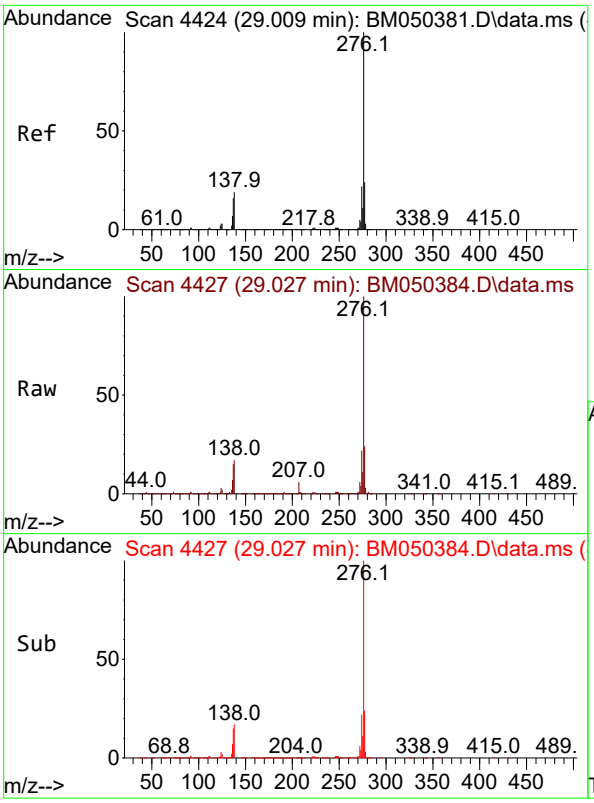


#91
Dibenzo(a,h)anthracene
Concen: 86.905 ng
RT: 28.015 min Scan# 4255
Delta R.T. 0.012 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Tgt Ion:278 Resp:10165335

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.8	16.2
279	24.0	19.4	29.0



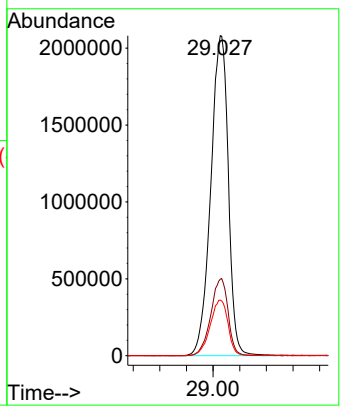


#92
Benzo(g,h,i)perylene
Concen: 85.979 ng
RT: 29.027 min Scan# 44
Delta R.T. 0.018 min
Lab File: BM050384.D
Acq: 08 Jul 2025 17:22

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 9504954

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.4	14.9	22.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	404345	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1554046	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1008264	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1898481	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1940016	20.000	ng		0.00
86) Perylene-d12	24.497	264	1874427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1875929	79.859	ng		0.00
7) Phenol-d6	7.022	99	2388524	80.660	ng		0.00
23) Nitrobenzene-d5	9.016	82	2227871	73.139	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1026446	83.788	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	5771427	70.689	ng		0.00
79) Terphenyl-d14	19.845	244	8726739	79.145	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	366994	37.994	ng		99
3) Pyridine	3.734	79	1042715	41.118	ng		98
4) n-Nitrosodimethylamine	3.640	42	482767	40.835	ng		99
6) Aniline	7.187	93	1617701	42.568	ng		100
8) 2-Chlorophenol	7.428	128	1063478	42.935	ng		98
9) Benzaldehyde	6.998	77	799316m	45.376	ng		
10) Phenol	7.051	94	1300713	42.114	ng		99
11) bis(2-Chloroethyl)ether	7.287	93	1044803	42.240	ng		98
12) 1,3-Dichlorobenzene	7.757	146	1260411	41.848	ng		97
13) 1,4-Dichlorobenzene	7.904	146	1279655	41.609	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1221241	41.478	ng		99
15) Benzyl Alcohol	8.098	79	887896	42.555	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1497256	41.095	ng		99
17) 2-Methylphenol	8.298	107	855883	42.726	ng		99
18) Hexachloroethane	8.951	117	453255	41.906	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	792336	44.168	ng		97
20) 3+4-Methylphenols	8.628	107	1136862	42.276	ng		99
22) Acetophenone	8.686	105	1643199	42.290	ng	#	97
24) Nitrobenzene	9.063	77	1137842	41.860	ng		98
25) Isophorone	9.592	82	2120872	42.909	ng		99
26) 2-Nitrophenol	9.775	139	514999	46.488	ng		97
27) 2,4-Dimethylphenol	9.833	122	1001149	42.470	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1371682	41.880	ng		100
29) 2,4-Dichlorophenol	10.304	162	1042869	43.061	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1216831	42.001	ng		99
31) Naphthalene	10.716	128	3258495	41.281	ng		99
32) Benzoic acid	9.951	122	593935	41.913	ng		97
33) 4-Chloroaniline	10.810	127	1415715	42.424	ng		99
34) Hexachlorobutadiene	11.010	225	749497	42.386	ng		99
35) Caprolactam	11.586	113	285315	43.156	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	979521	43.312	ng		100
37) 2-Methylnaphthalene	12.322	142	2124989	42.637	ng		99
38) 1-Methylnaphthalene	12.539	142	2230710	42.292	ng		98
40) 1,2,4,5-Tetrachloroben...	12.692	216	1374217	42.859	ng		100
41) Hexachlorocyclopentadiene	12.680	237	881607	43.015	ng		99
43) 2,4,6-Trichlorophenol	12.927	196	858251	43.485	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	938542	43.542	ng	99
46) 1,1'-Biphenyl	13.333	154	3108770	41.557	ng	100
47) 2-Chloronaphthalene	13.368	162	2461641	41.272	ng	99
48) 2-Nitroaniline	13.563	65	592401	44.497	ng	97
49) Acenaphthylene	14.215	152	3783308	41.972	ng	99
50) Dimethylphthalate	13.951	163	2890119	41.635	ng	100
51) 2,6-Dinitrotoluene	14.063	165	591843	44.405	ng	98
52) Acenaphthene	14.557	154	2381763	41.562	ng	99
53) 3-Nitroaniline	14.386	138	636015	44.871	ng	98
54) 2,4-Dinitrophenol	14.586	184	266947	39.797	ng	98
55) Dibenzofuran	14.892	168	3609413	40.877	ng	99
56) 4-Nitrophenol	14.686	139	521977	42.822	ng	94
57) 2,4-Dinitrotoluene	14.845	165	807634	40.905	ng	98
58) Fluorene	15.539	166	3012801	41.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	784378	43.229	ng	99
60) Diethylphthalate	15.315	149	2759041	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1608200	42.288	ng	99
62) 4-Nitroaniline	15.545	138	649355	40.288	ng	96
63) Azobenzene	15.821	77	2528721	41.531	ng	97
65) 4,6-Dinitro-2-methylph...	15.604	198	399918	40.334	ng	99
66) n-Nitrosodiphenylamine	15.745	169	2506809	42.198	ng	100
67) 4-Bromophenyl-phenylether	16.427	248	894310	42.755	ng	99
68) Hexachlorobenzene	16.539	284	1046980	42.380	ng	99
69) Atrazine	16.692	200	862455	44.212	ng	99
70) Pentachlorophenol	16.874	266	662449	43.075	ng	100
71) Phenanthrene	17.268	178	4444618	41.373	ng	100
72) Anthracene	17.362	178	4525011	42.316	ng	100
73) Carbazole	17.621	167	4044979	41.806	ng	100
74) Di-n-butylphthalate	18.198	149	4579991	43.247	ng	100
75) Fluoranthene	19.280	202	4960360	42.474	ng	100
77) Benzidine	19.456	184	2625052	53.050	ng	100
78) Pyrene	19.639	202	5250364	42.257	ng	100
80) Butylbenzylphthalate	20.539	149	1849278	45.139	ng	98
81) Benzo(a)anthracene	21.439	228	5322771	42.109	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1864267	43.733	ng	100
83) Chrysene	21.497	228	4998506	41.924	ng	100
84) Bis(2-ethylhexyl)phtha...	21.368	149	2892877	44.481	ng	99
85) Di-n-octyl phthalate	22.521	149	4457449	43.760	ng	99
87) Indeno(1,2,3-cd)pyrene	27.938	276	5647629	42.377	ng	100
88) Benzo(b)fluoranthene	23.533	252	4906807	42.558	ng	100
89) Benzo(k)fluoranthene	23.597	252	5010695	41.883	ng	100
90) Benzo(a)pyrene	24.356	252	4633762	42.933	ng	99
91) Dibenzo(a,h)anthracene	28.003	278	4772470	42.521	ng	99
92) Benzo(g,h,i)perylene	29.009	276	4476118	42.197	ng	99

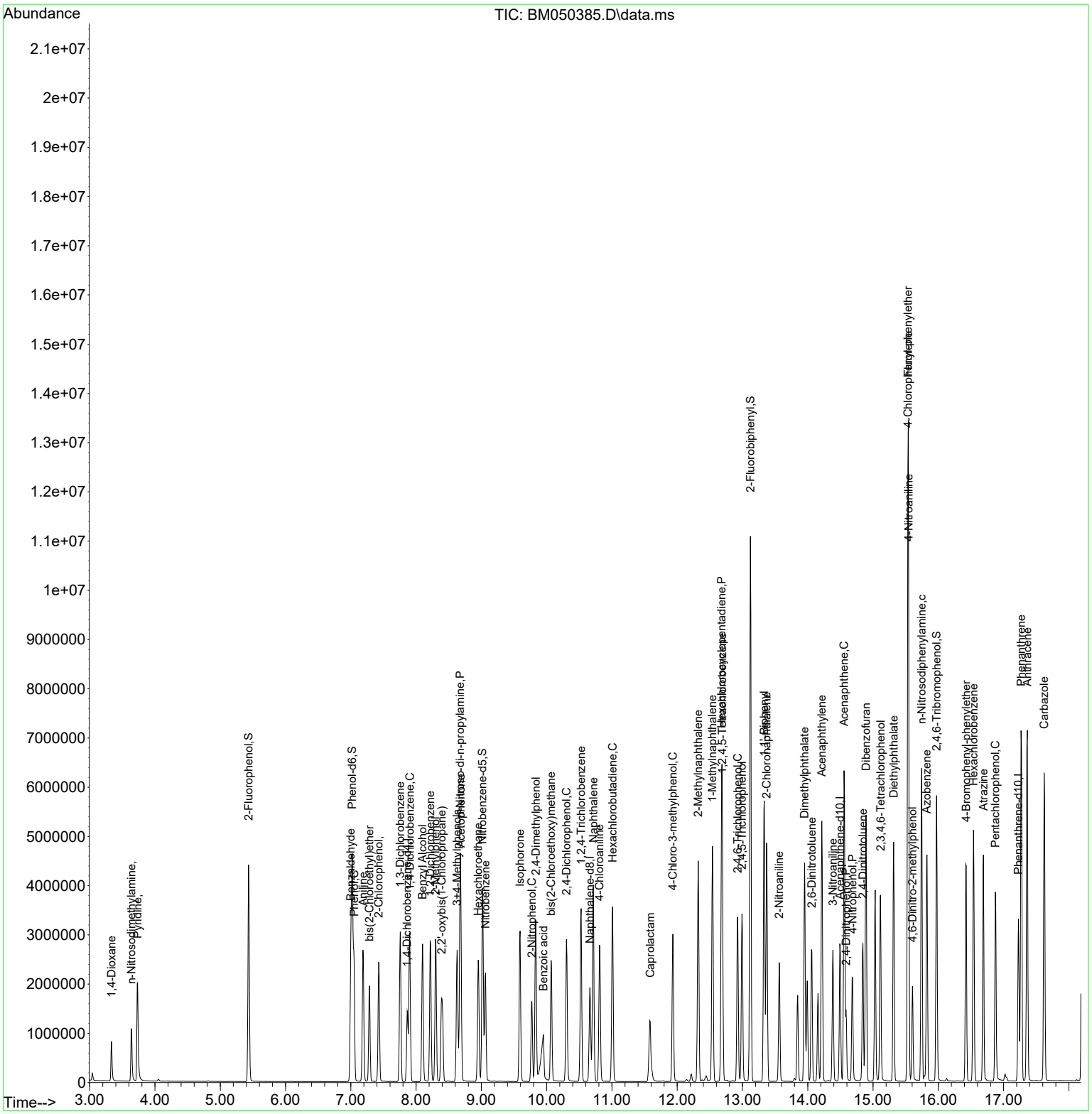
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

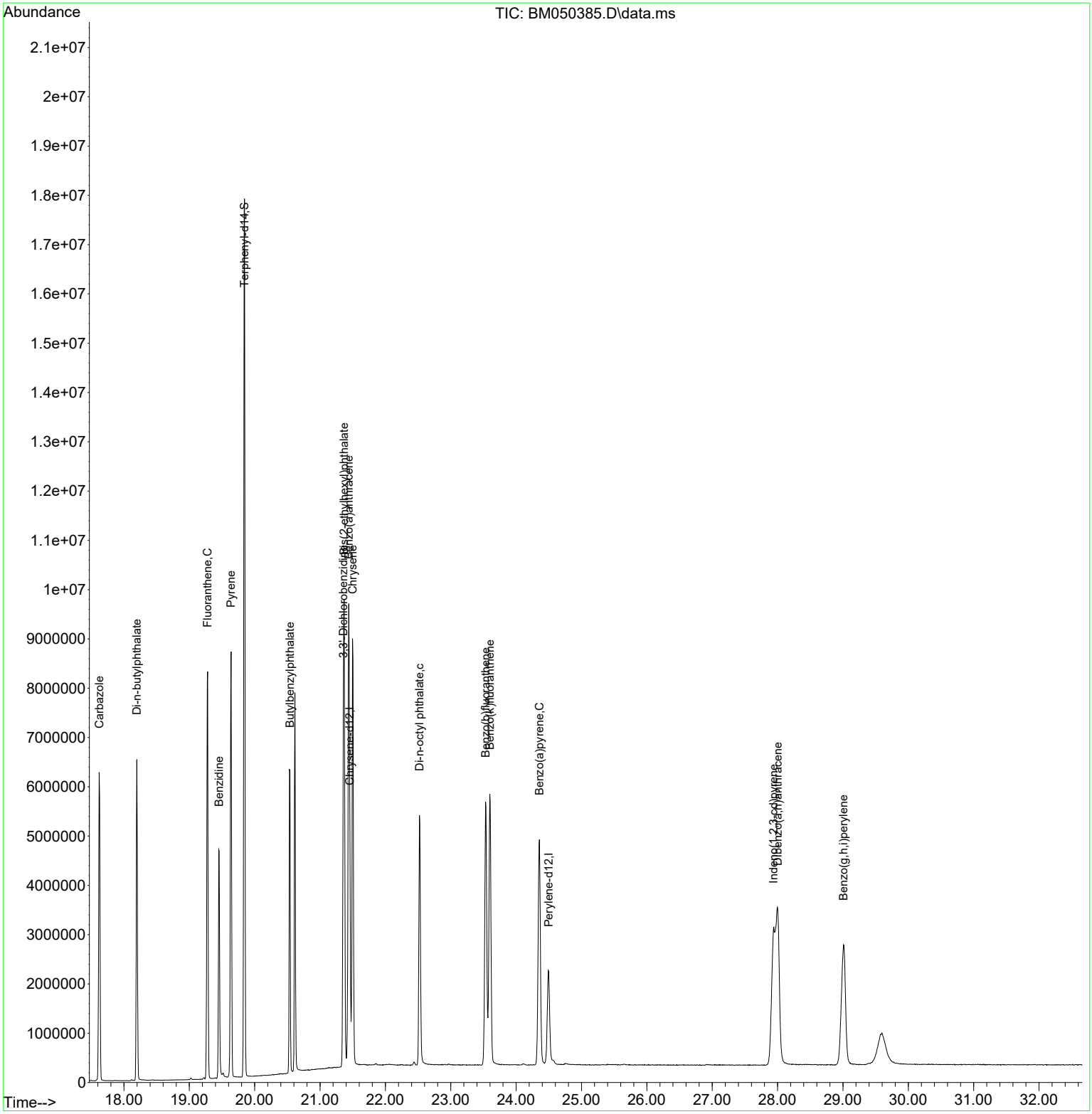


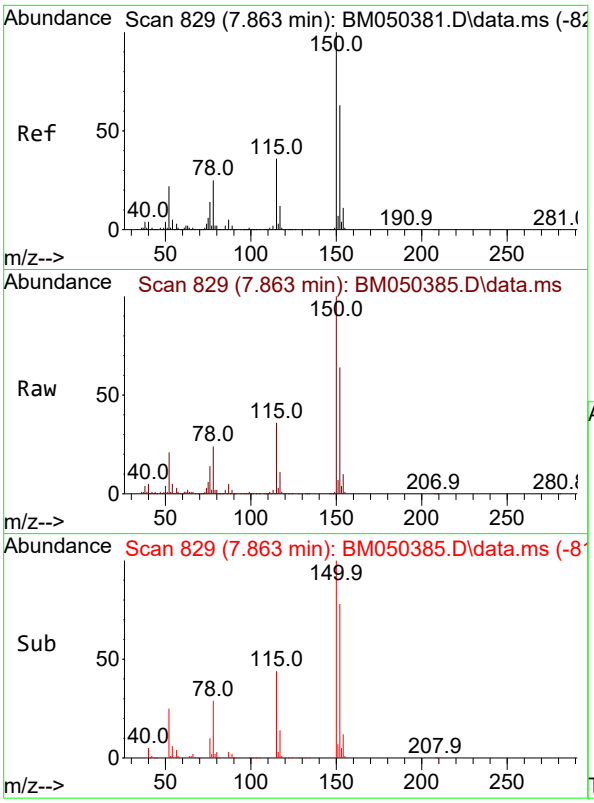
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



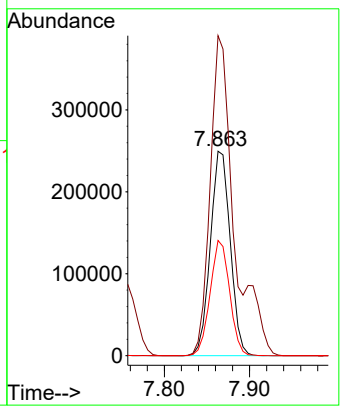


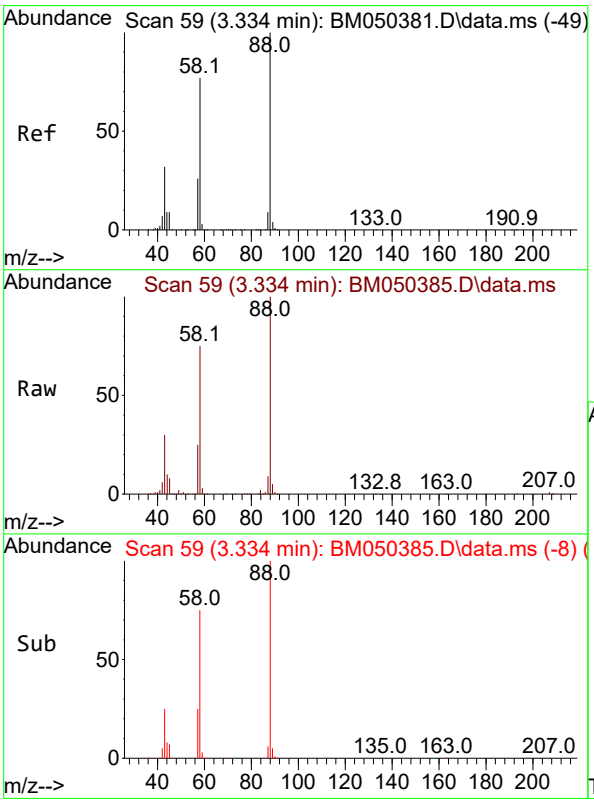
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:152 Resp: 404345

Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.4
115	56.3	45.8	68.8

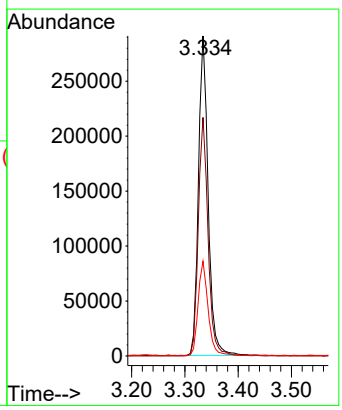


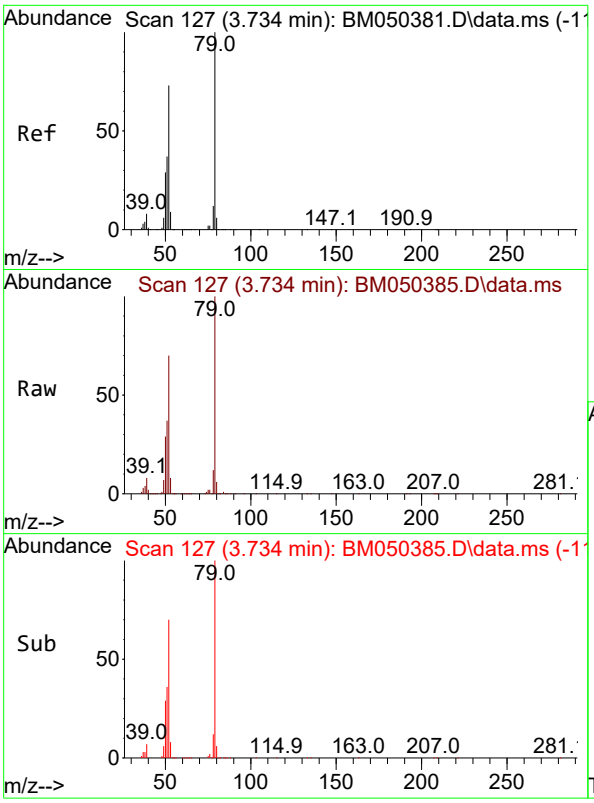


#2
1,4-Dioxane
Concen: 37.994 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 88 Resp: 366994

Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.0	91.6
43	30.2	24.6	37.0



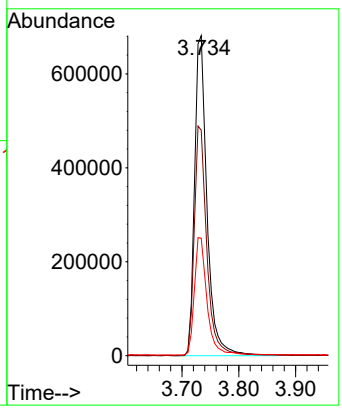


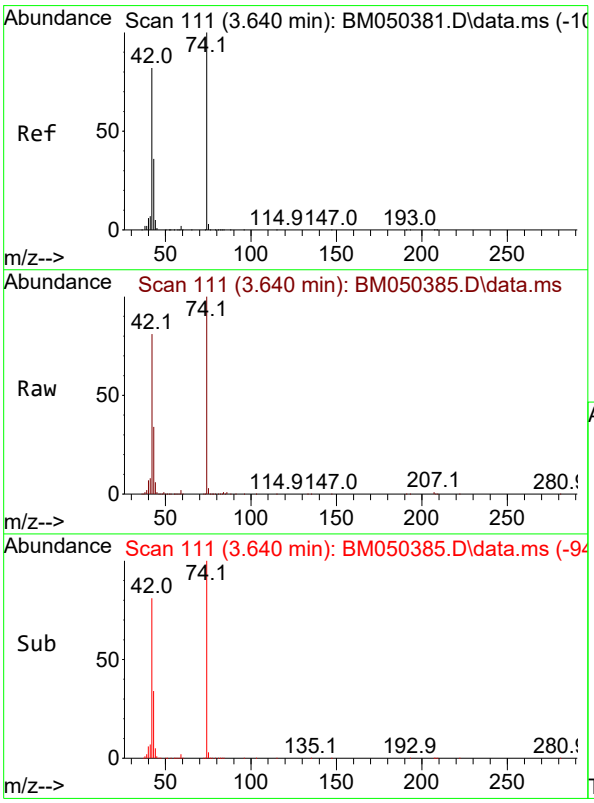
#3
Pyridine
Concen: 41.118 ng
RT: 3.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 1042715

Ion	Ratio	Lower	Upper
79	100		
52	70.5	58.3	87.5
51	36.7	29.6	44.4

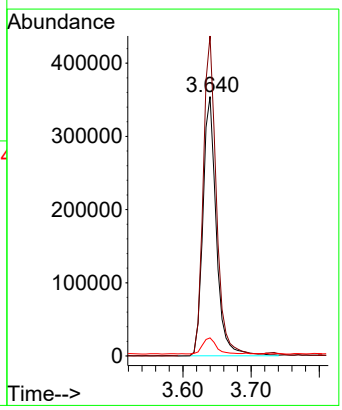


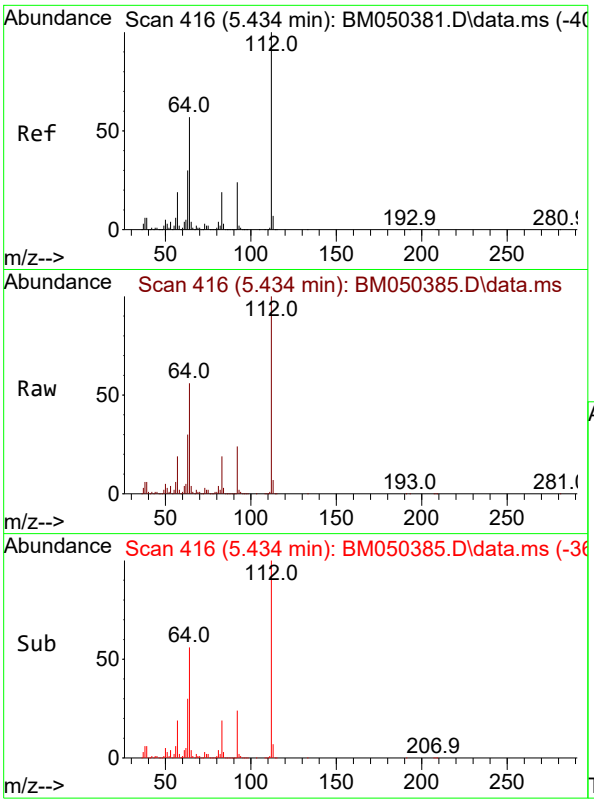


#4
n-Nitrosodimethylamine
Concen: 40.835 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 42 Resp: 482767

Ion	Ratio	Lower	Upper
42	100		
74	123.4	97.5	146.3
44	7.0	5.7	8.5



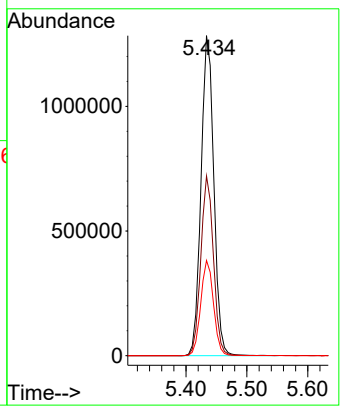


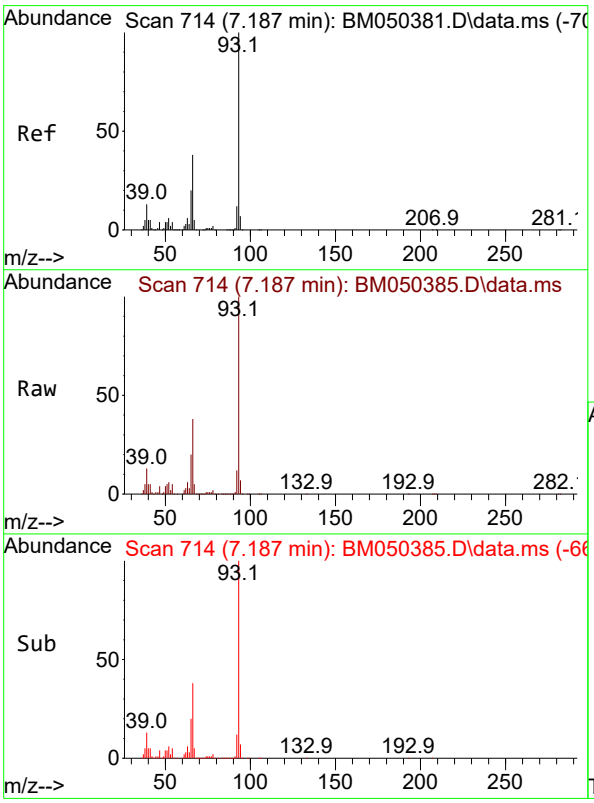
#5
2-Fluorophenol
Concen: 79.859 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:112 Resp: 1875929

Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.5	68.3
63	29.8	24.2	36.4

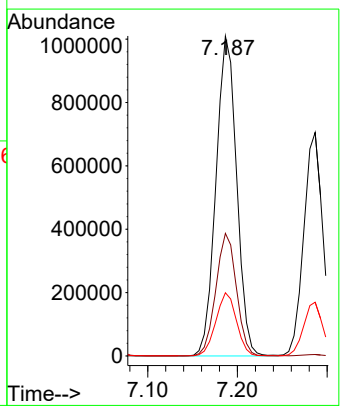


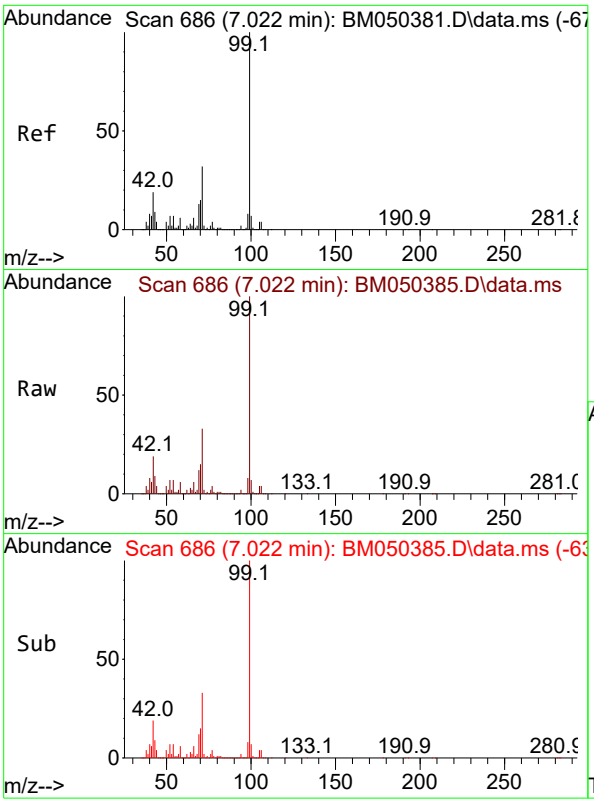


#6
Aniline
Concen: 42.568 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1617701

Ion	Ratio	Lower	Upper
93	100		
66	38.3	30.5	45.7
65	19.7	15.9	23.9



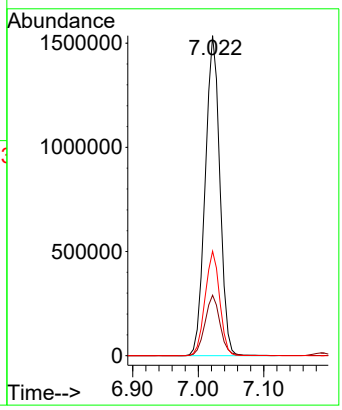


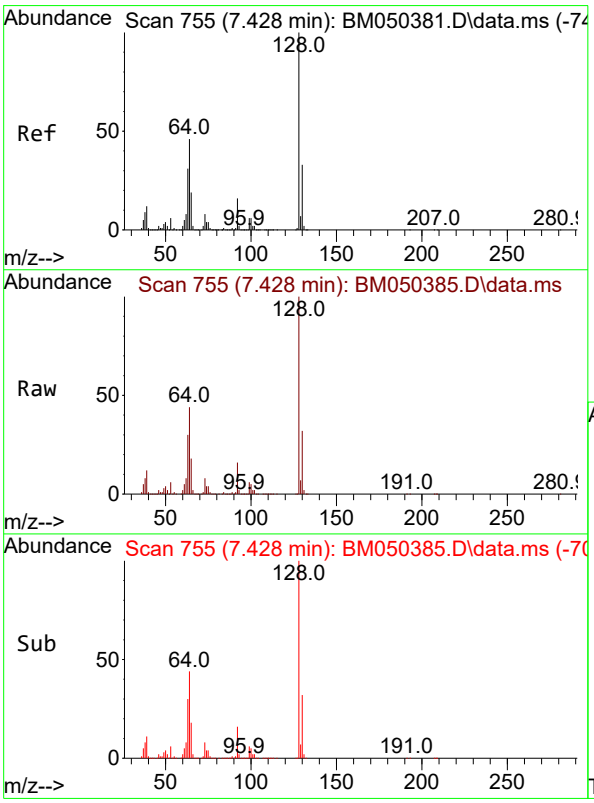
#7
Phenol-d6
Concen: 80.660 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 99 Resp: 2388524

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.6
71	32.6	25.9	38.9

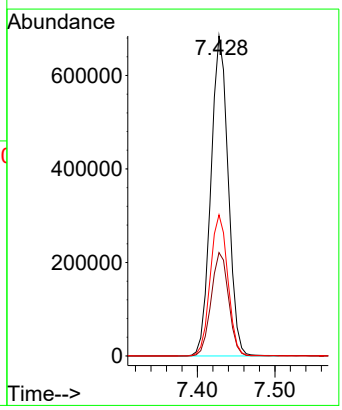


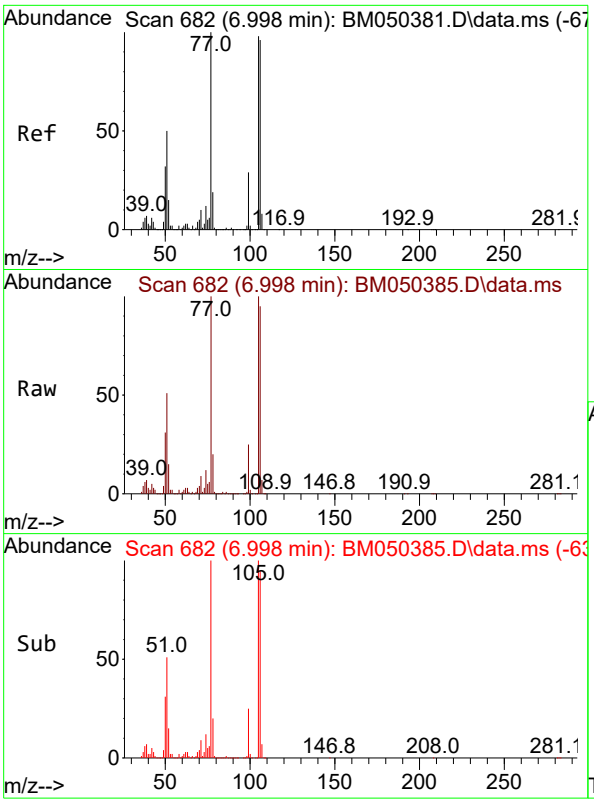


#8
2-Chlorophenol
Concen: 42.935 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:128 Resp: 1063478

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	44.1	25.6	65.6



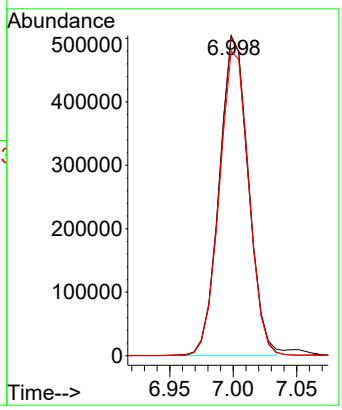


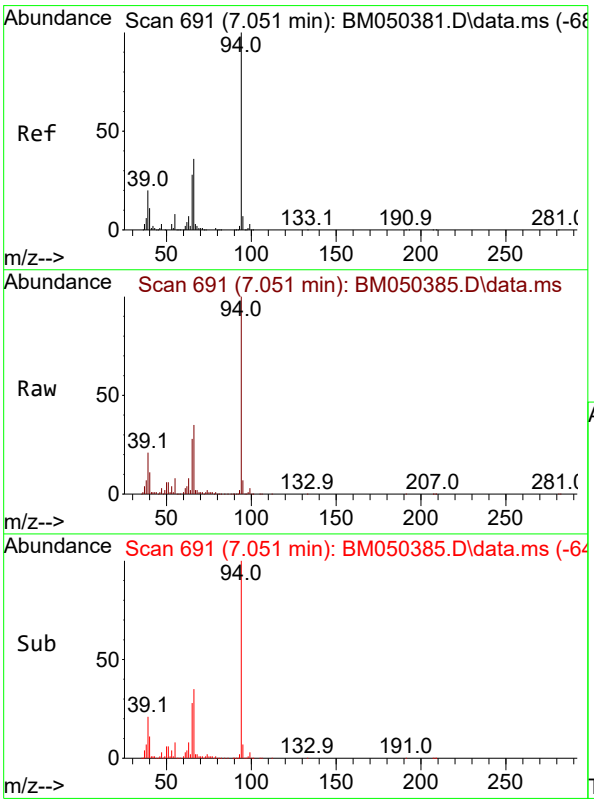
#9
Benzaldehyde
Concen: 45.376 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 799316

Ion	Ratio	Lower	Upper
77	100		
105	99.8	78.4	118.4
106	95.2	76.3	116.3

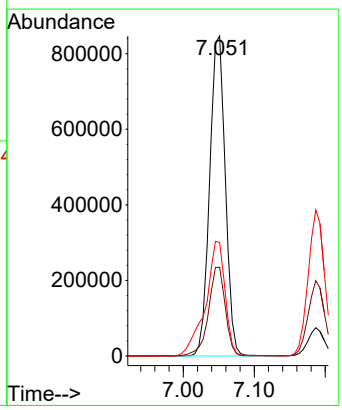


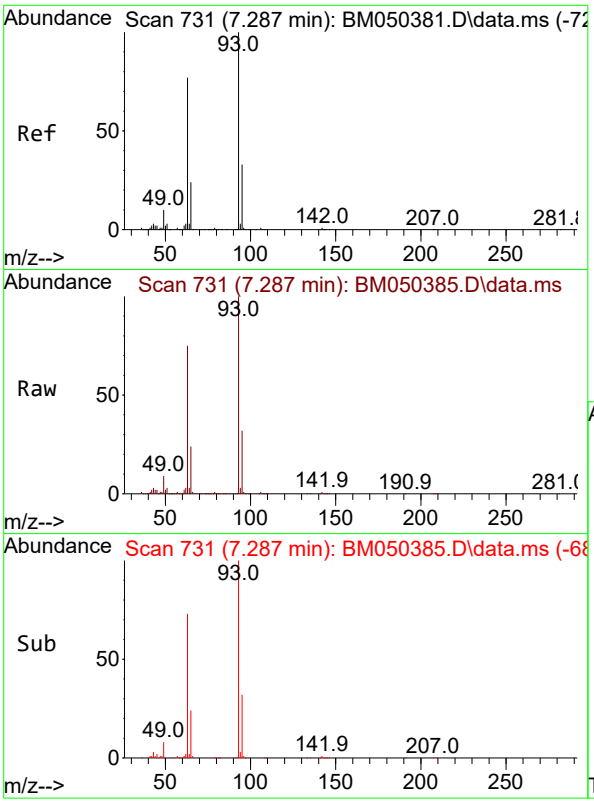


#10
Phenol
Concen: 42.114 ng
RT: 7.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 94 Resp: 1300713

Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	35.5	15.8	55.8



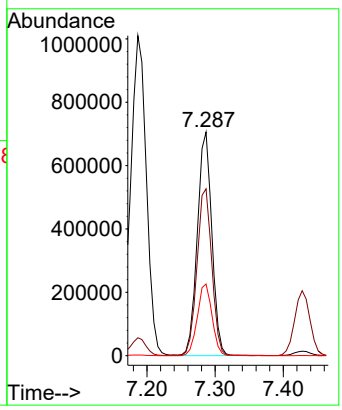


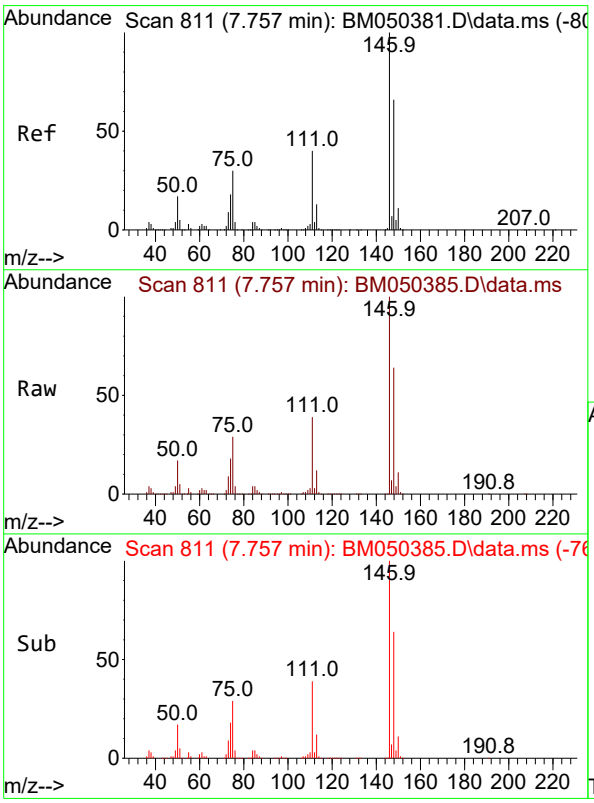
#11
bis(2-Chloroethyl)ether
Concen: 42.240 ng
RT: 7.287 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 93 Resp: 1044803

Ion	Ratio	Lower	Upper
93	100		
63	74.7	56.9	96.9
95	32.1	12.6	52.6

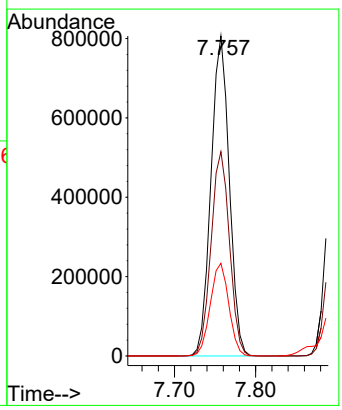


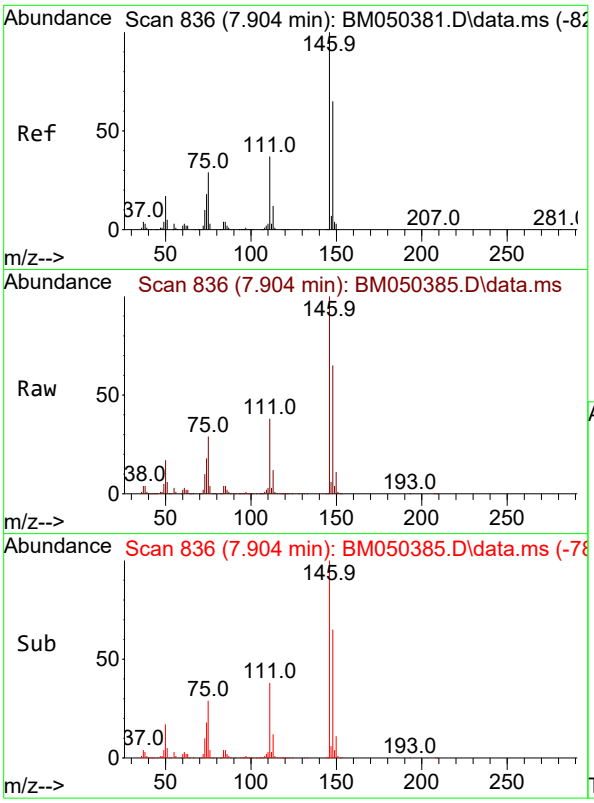


#12
1,3-Dichlorobenzene
Concen: 41.848 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1260411

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.2	79.8
75	28.9	23.9	35.9



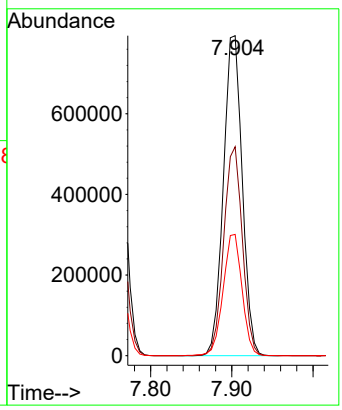


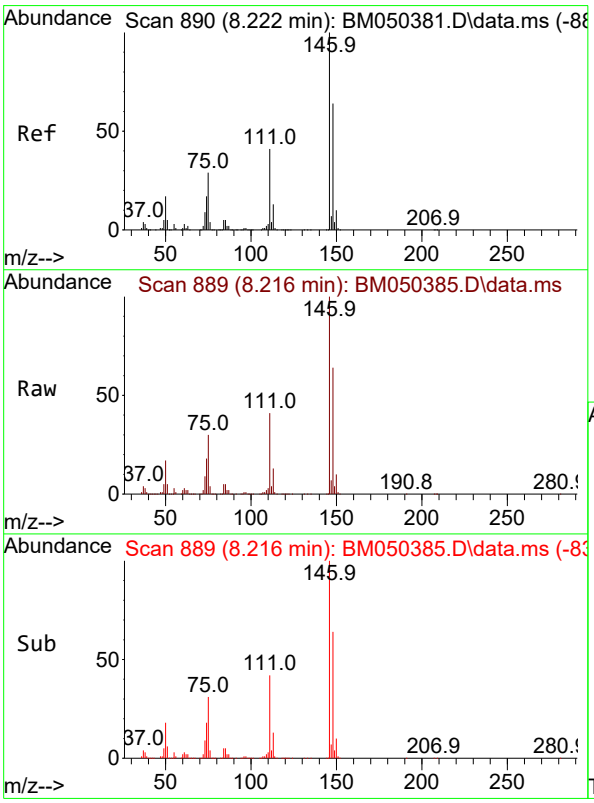
#13
1,4-Dichlorobenzene
Concen: 41.609 ng
RT: 7.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:146 Resp: 1279655

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	37.9	30.0	45.0

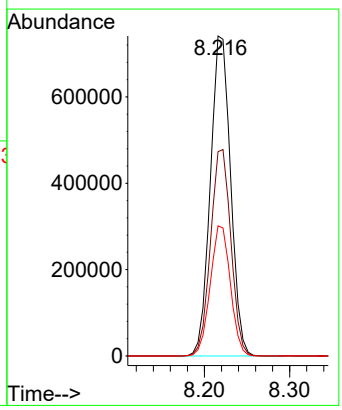


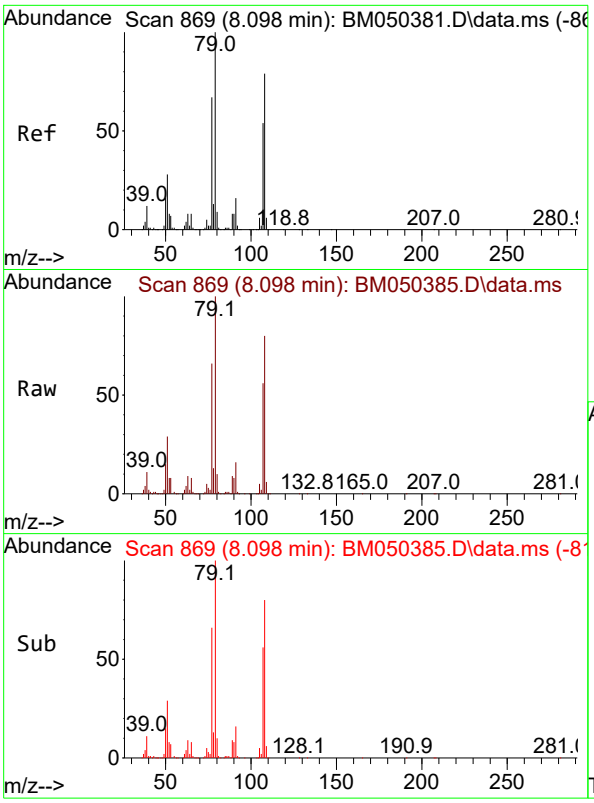


#14
1,2-Dichlorobenzene
Concen: 41.478 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:146 Resp: 1221241

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	40.6	32.6	49.0



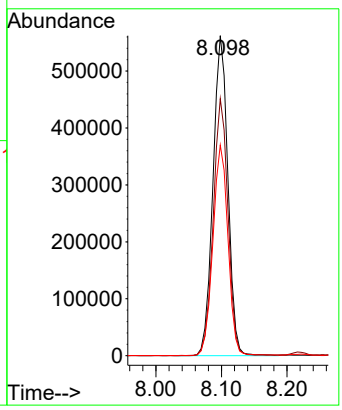


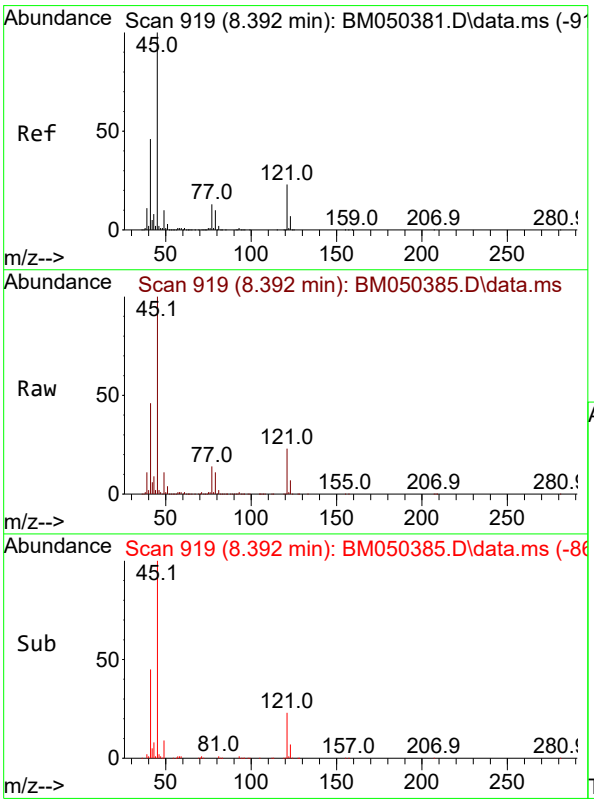
#15
Benzyl Alcohol
Concen: 42.555 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 79 Resp: 887896

Ion	Ratio	Lower	Upper
79	100		
108	80.3	63.0	94.4
77	65.8	53.4	80.0

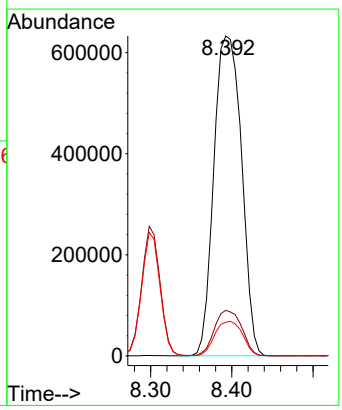


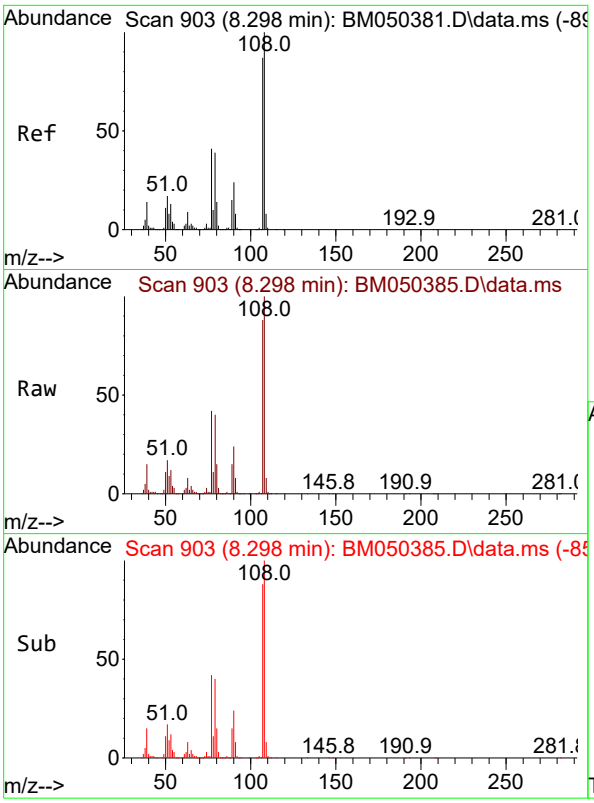


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.095 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 45 Resp: 1497256

Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.5
79	10.5	0.0	30.3



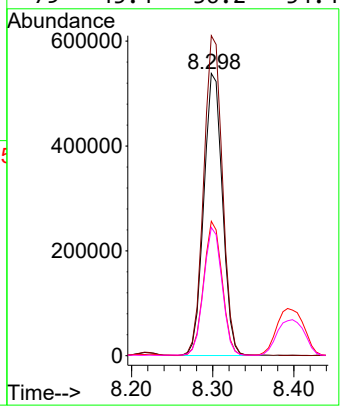


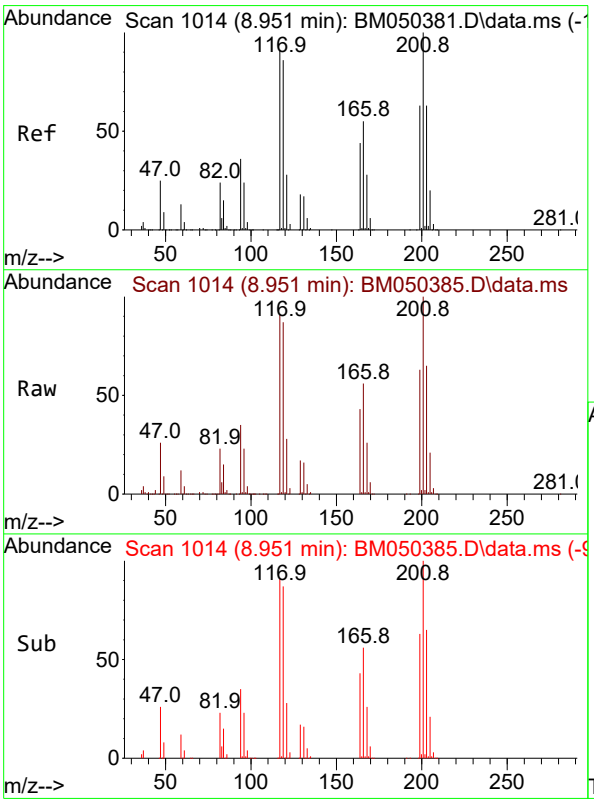
#17
2-Methylphenol
Concen: 42.726 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:107 Resp: 855883

Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.1	138.1
77	47.6	38.2	57.4
79	45.4	36.2	54.4

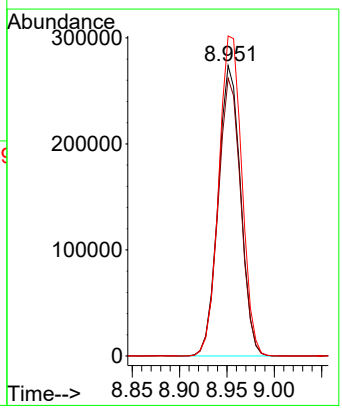


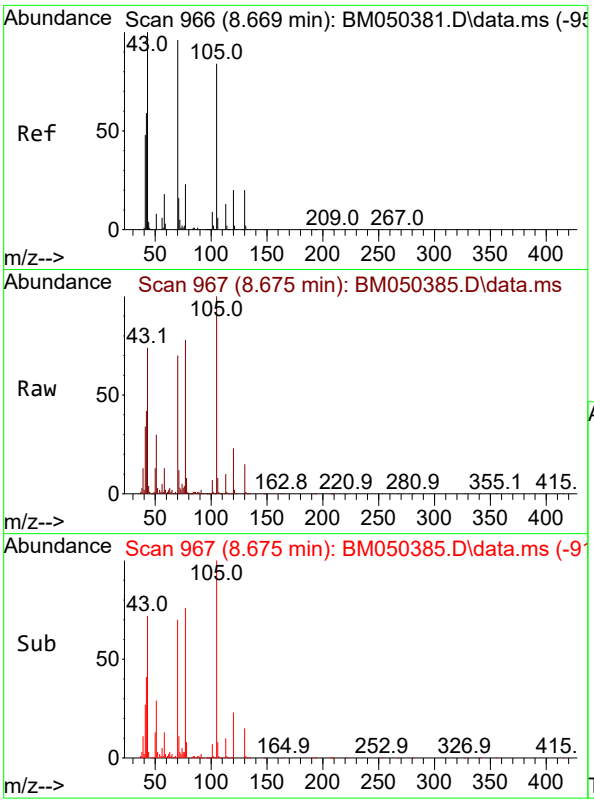


#18
Hexachloroethane
Concen: 41.906 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:117 Resp: 453255

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	110.2	87.9	131.9



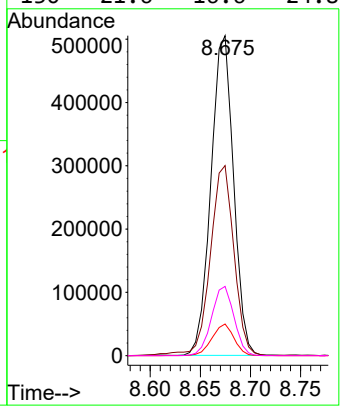


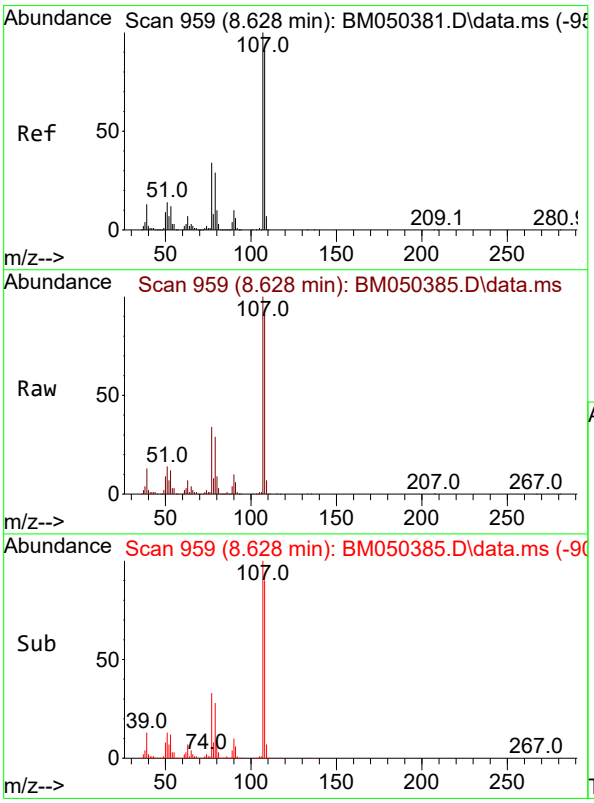
#19
n-Nitroso-di-n-propylamine
Concen: 44.168 ng
RT: 8.675 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 70 Resp: 792336

Ion	Ratio	Lower	Upper
70	100		
42	59.4	49.7	74.5
101	9.9	7.7	11.5
130	21.6	16.6	24.8

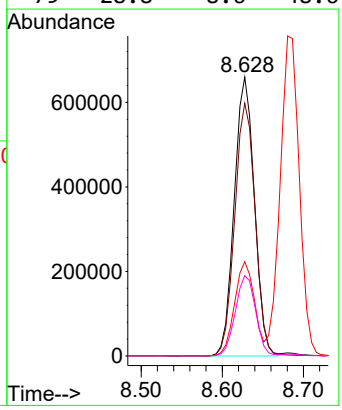


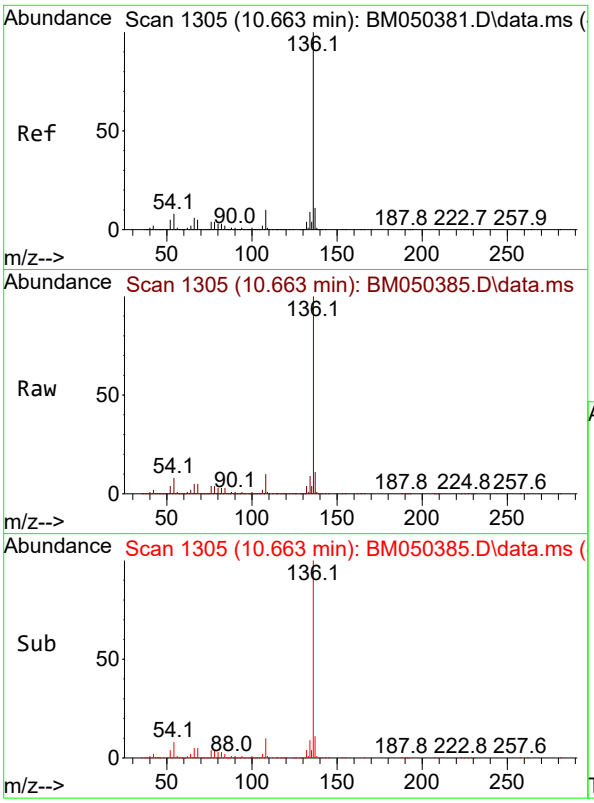


#20
3+4-Methylphenols
Concen: 42.276 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 1136862

Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.5	111.5
77	33.8	13.7	53.7
79	28.8	8.6	48.6



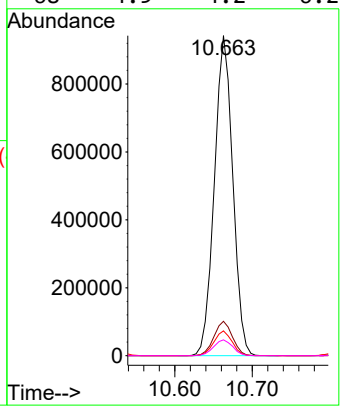


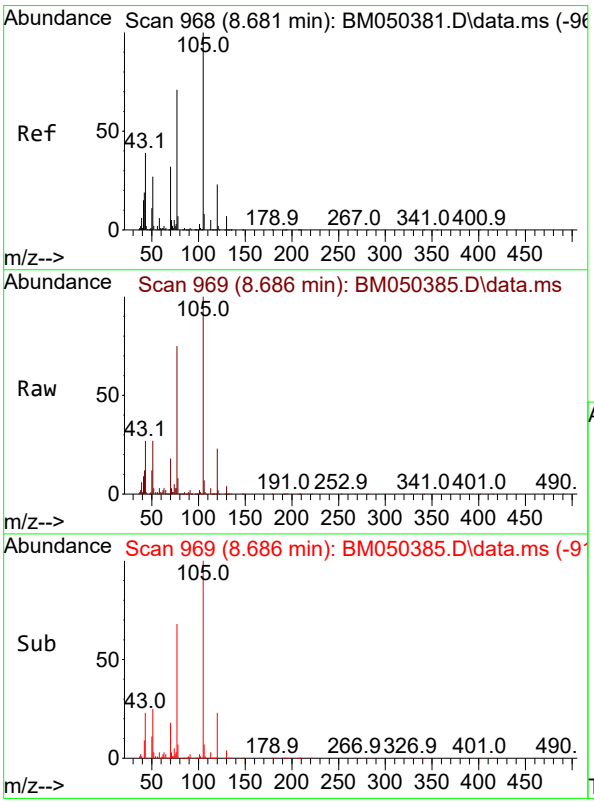
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:136 Resp: 1554046

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	4.9	4.2	6.2

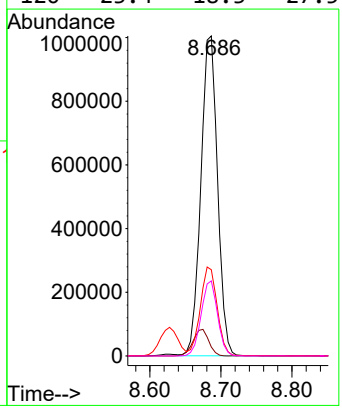


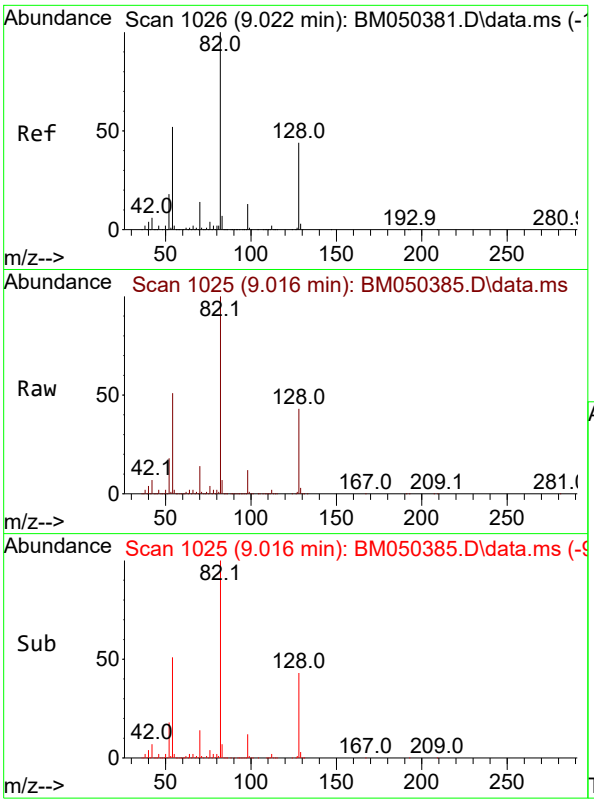


#22
Acetophenone
Concen: 42.290 ng
RT: 8.686 min Scan# 969
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:105 Resp: 1643199

Ion	Ratio	Lower	Upper
105	100		
71	2.8	4.4	6.6#
51	27.0	23.0	34.6
120	23.4	18.3	27.5



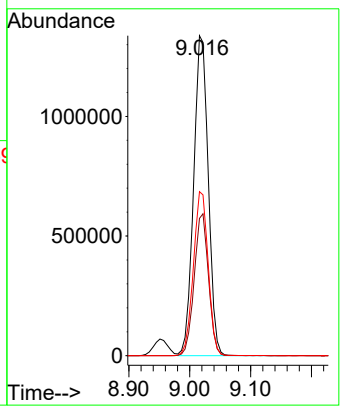


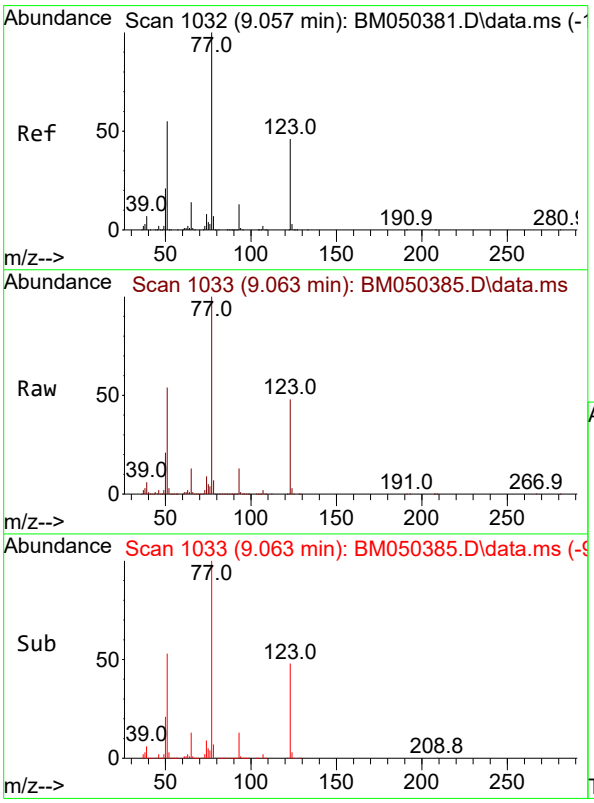
#23
Nitrobenzene-d5
Concen: 73.139 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2227871

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.2	52.8
54	51.2	41.5	62.3

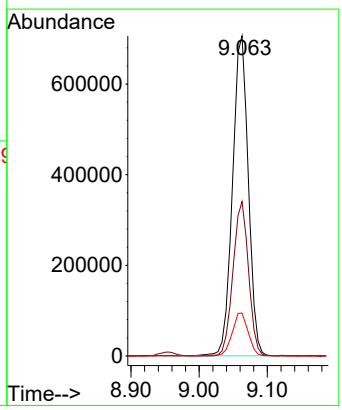


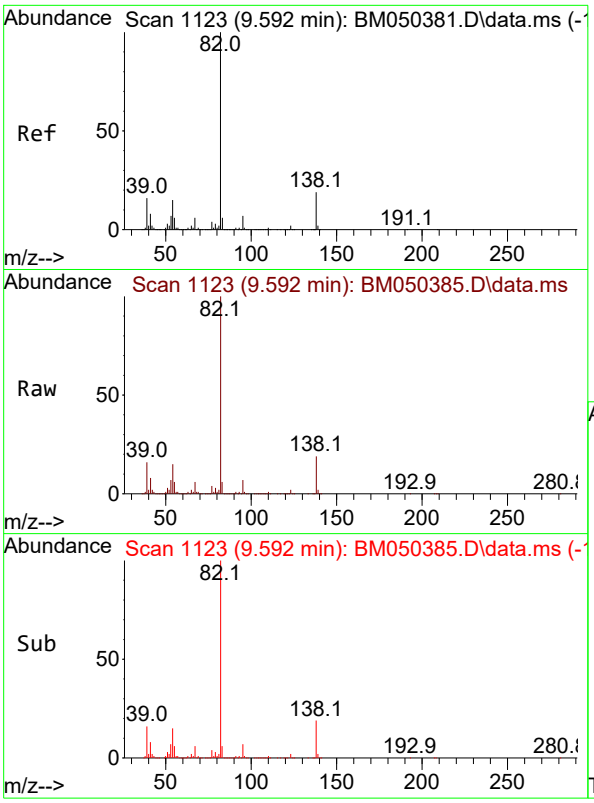


#24
Nitrobenzene
Concen: 41.860 ng
RT: 9.063 min Scan# 1033
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 77 Resp: 1137842

Ion	Ratio	Lower	Upper
77	100		
123	48.3	37.0	55.6
65	13.4	11.0	16.4



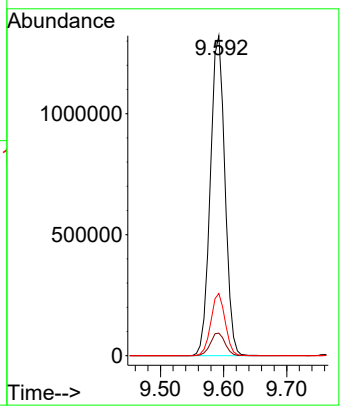


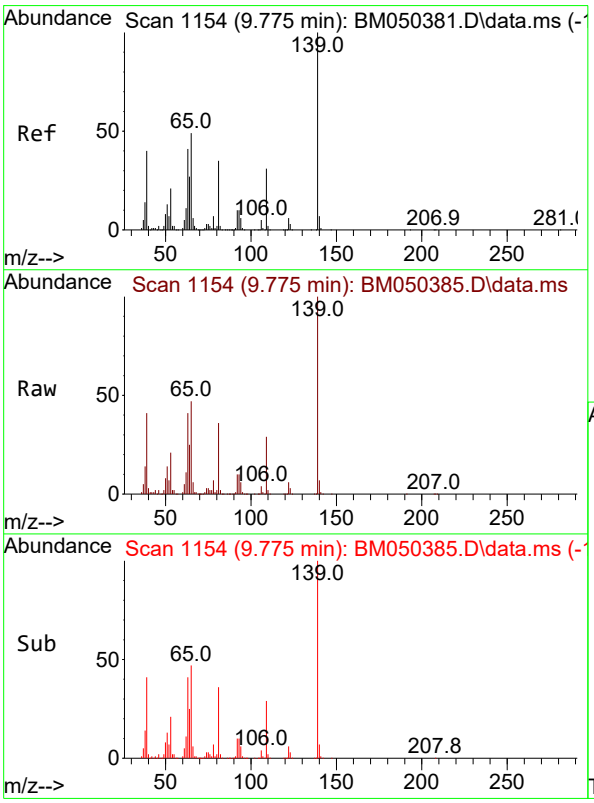
#25
Isophorone
Concen: 42.909 ng
RT: 9.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 82 Resp: 2120872

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.6	8.4
138	19.4	15.3	22.9

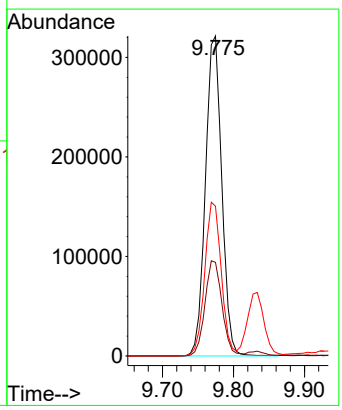


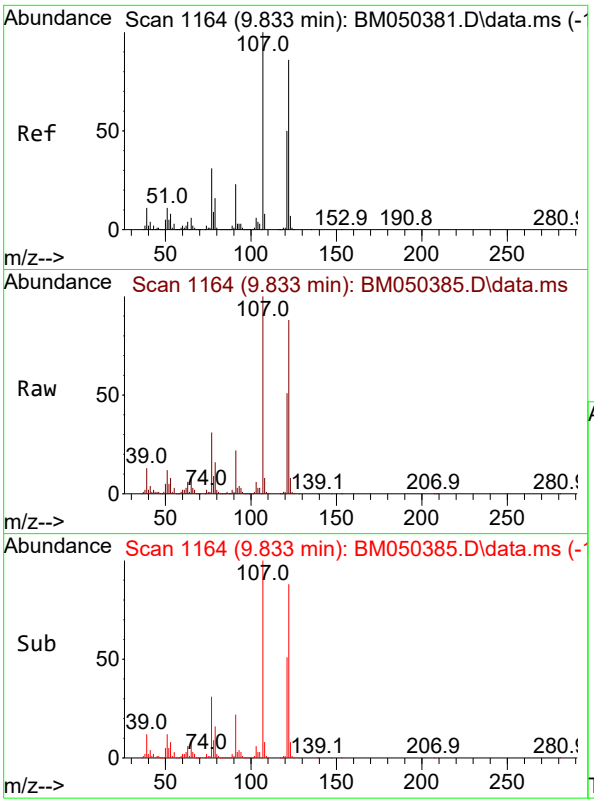


#26
2-Nitrophenol
Concen: 46.488 ng
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 514999

Ion	Ratio	Lower	Upper
139	100		
109	29.3	24.6	36.8
65	46.8	39.2	58.8



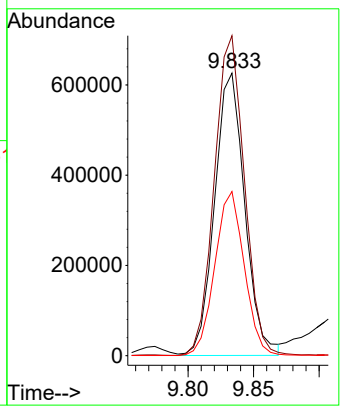


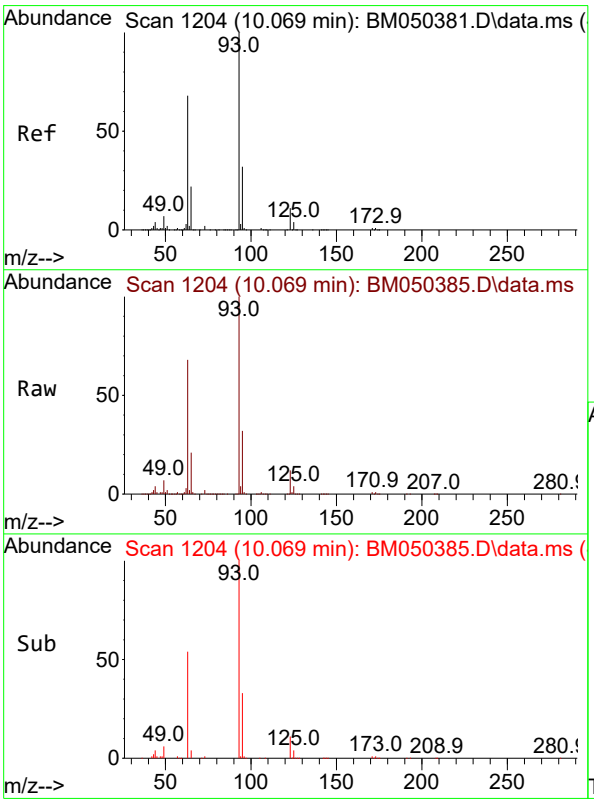
#27
2,4-Dimethylphenol
Concen: 42.470 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:122 Resp: 1001149

Ion	Ratio	Lower	Upper
122	100		
107	113.2	93.0	139.6
121	58.1	46.1	69.1

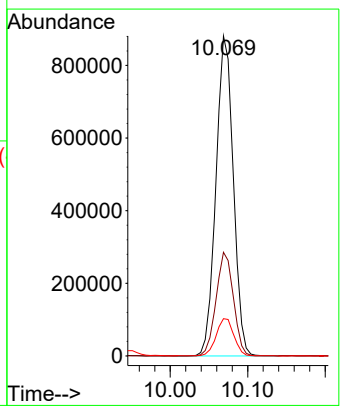


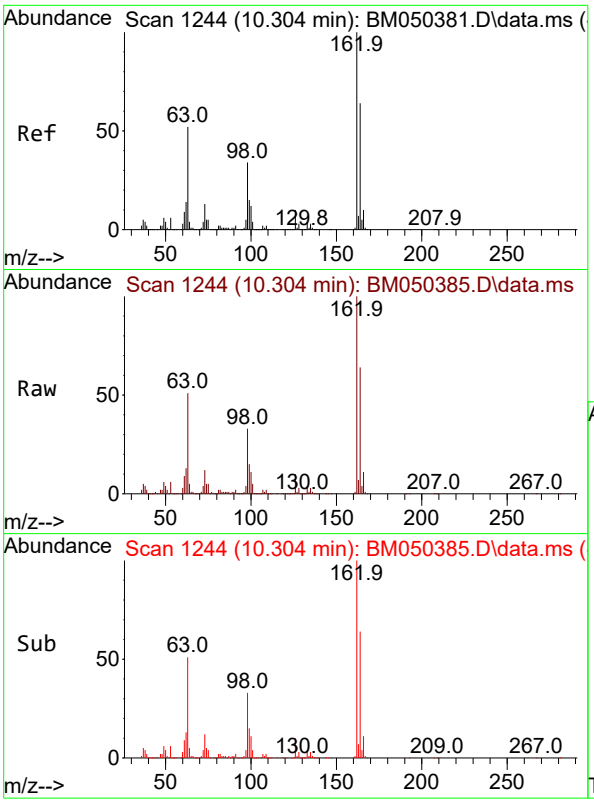


#28
bis(2-Chloroethoxy)methane
Concen: 41.880 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 93 Resp: 1371682

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	11.6	9.1	13.7



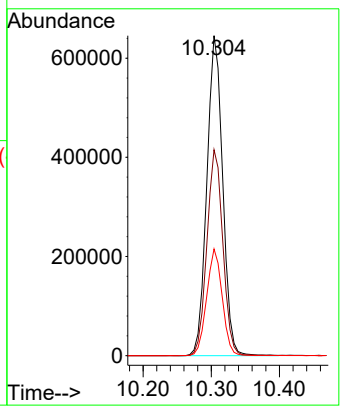


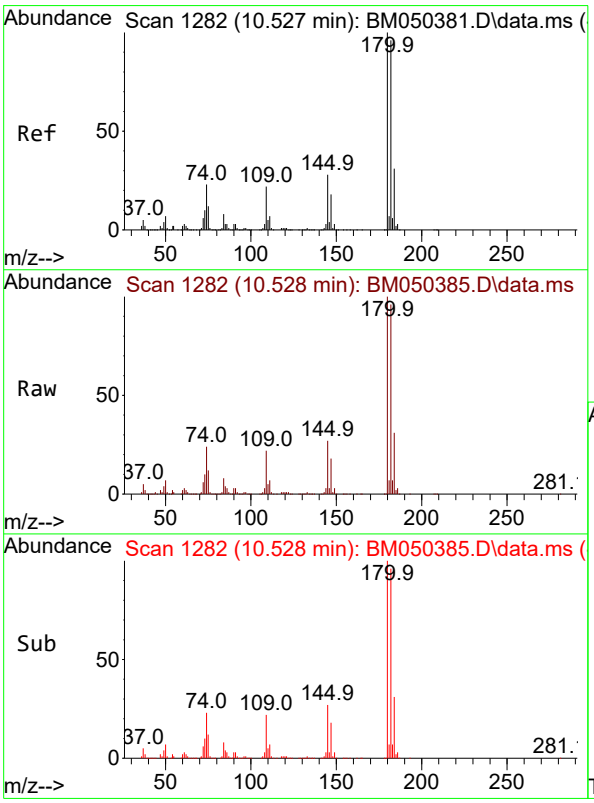
#29
2,4-Dichlorophenol
Concen: 43.061 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 1042869

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.7	83.7
98	33.3	13.7	53.7

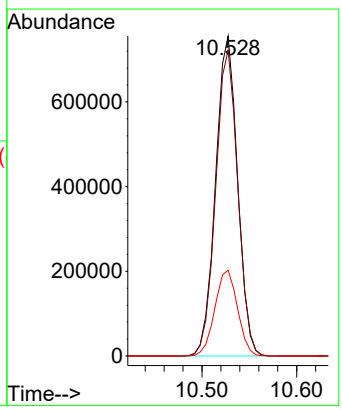


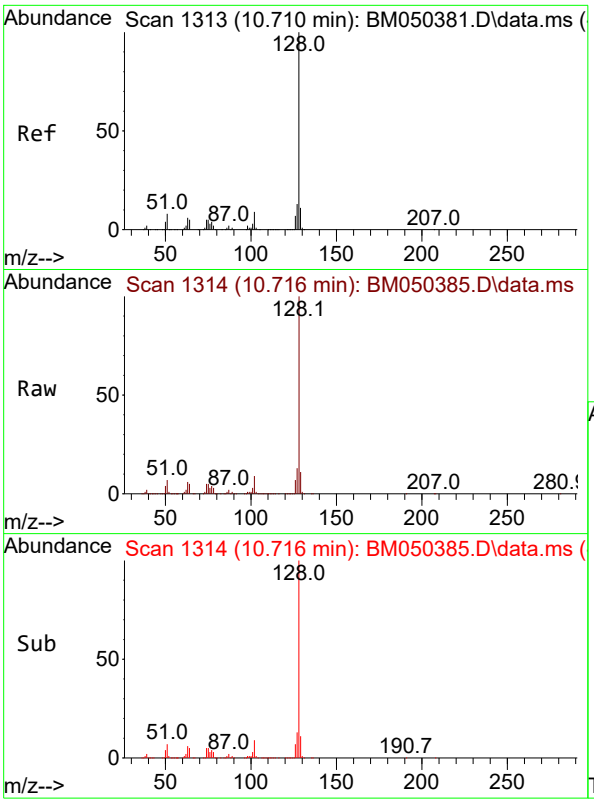


#30
1,2,4-Trichlorobenzene
Concen: 42.001 ng
RT: 10.528 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:180 Resp: 1216831

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
145	26.8	22.6	33.8



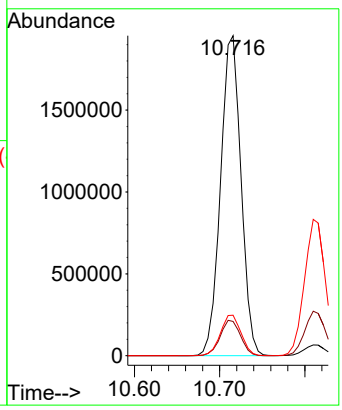


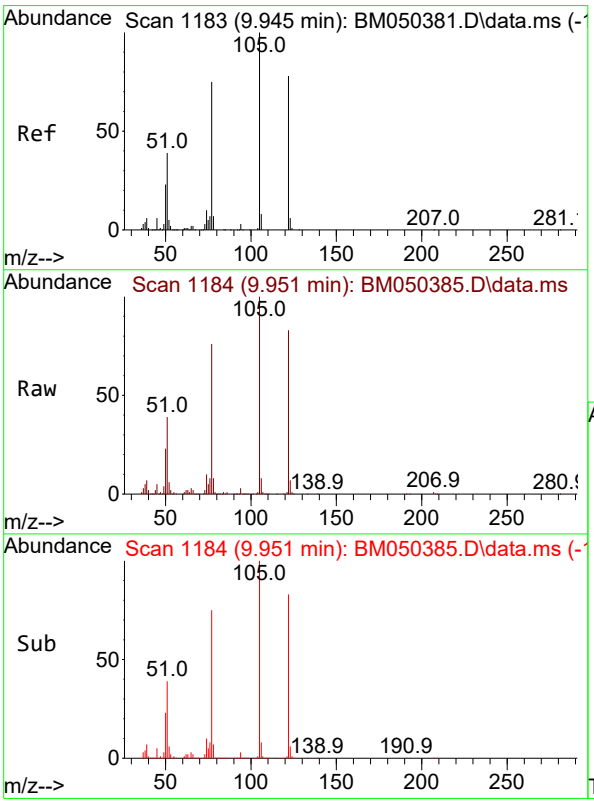
#31
Naphthalene
Concen: 41.281 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:128 Resp: 3258495

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

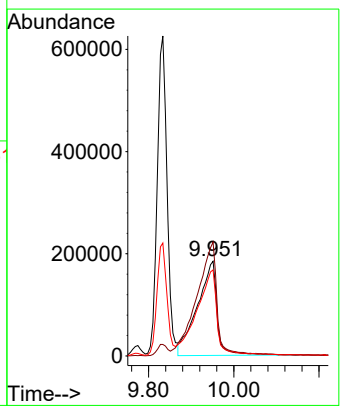


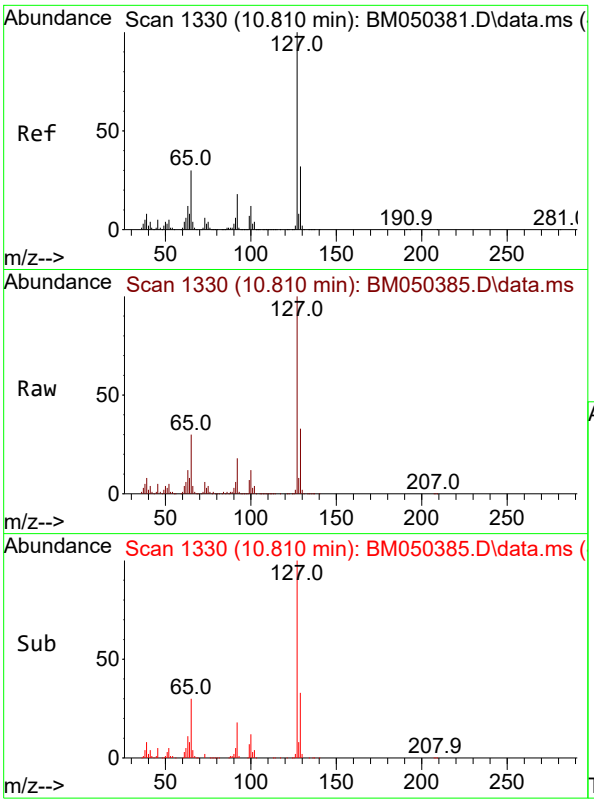


#32
Benzoic acid
Concen: 41.913 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:122 Resp: 593935

Ion	Ratio	Lower	Upper
122	100		
105	120.3	104.0	144.0
77	90.9	73.8	113.8



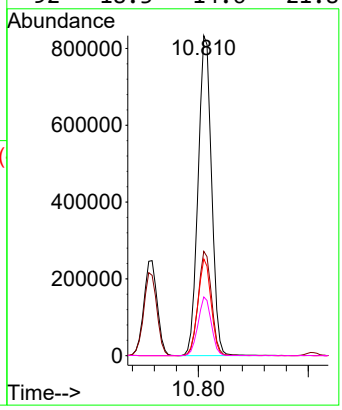


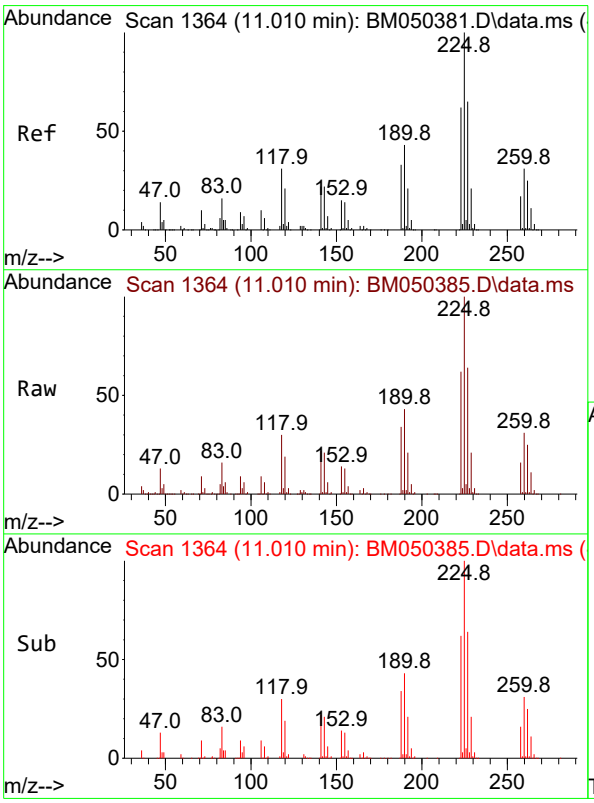
#33
4-Chloroaniline
Concen: 42.424 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:127 Resp: 1415715

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	30.3	23.9	35.9
92	18.3	14.6	21.8

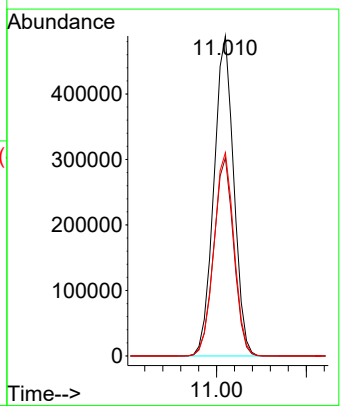


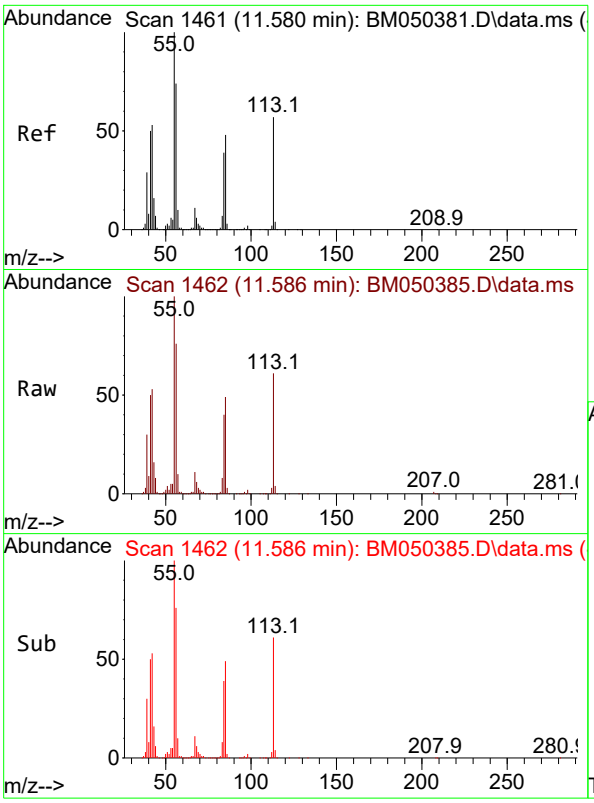


#34
Hexachlorobutadiene
Concen: 42.386 ng
RT: 11.010 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:225 Resp: 749497

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.5	52.1	78.1



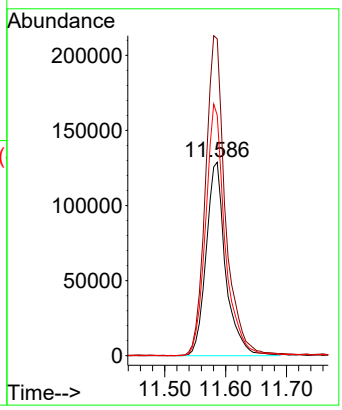


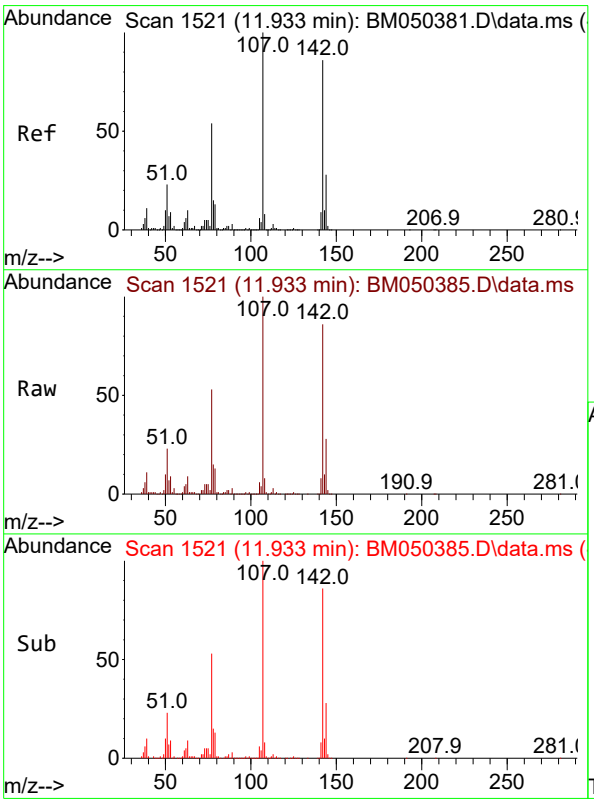
#35
Caprolactam
Concen: 43.156 ng
RT: 11.586 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:113 Resp: 285315

Ion	Ratio	Lower	Upper
113	100		
55	163.8	157.2	197.2
56	124.2	111.7	151.7

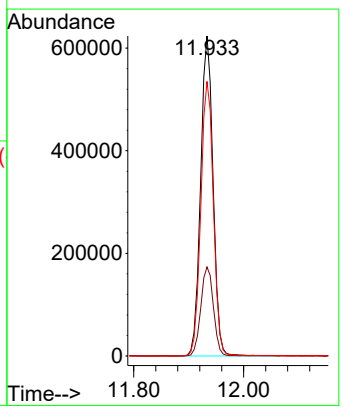


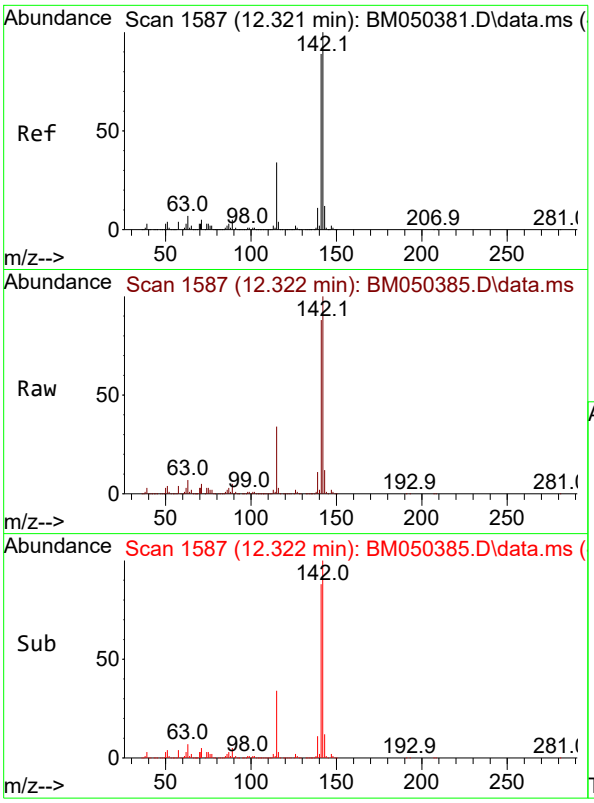


#36
4-Chloro-3-methylphenol
Concen: 43.312 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:107 Resp: 979521

Ion	Ratio	Lower	Upper
107	100		
144	27.8	22.2	33.4
142	85.8	68.7	103.1



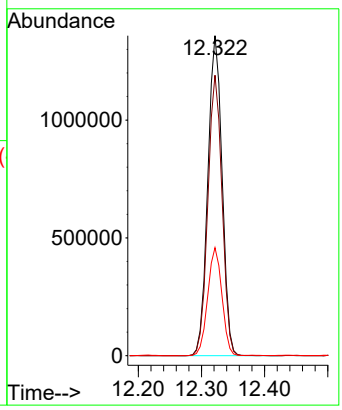


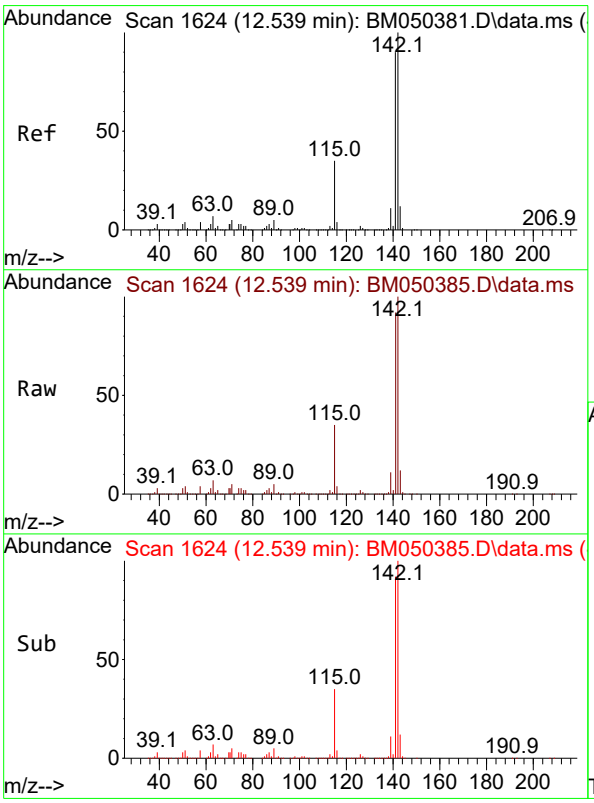
#37
2-Methylnaphthalene
Concen: 42.637 ng
RT: 12.322 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:142 Resp: 2124989

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	33.7	27.0	40.4

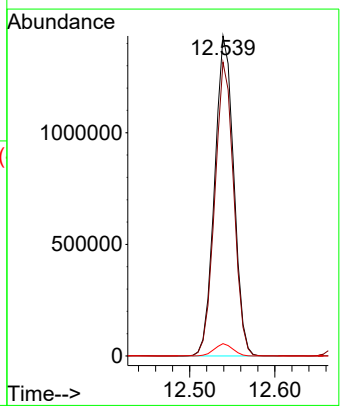


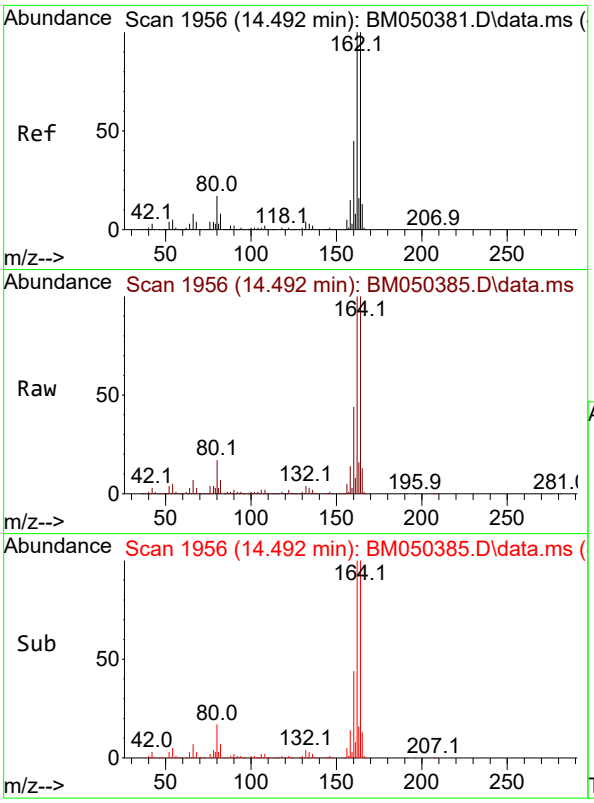


#38
1-Methylnaphthalene
Concen: 42.292 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:142 Resp: 2230710

Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
116	3.9	3.0	4.6



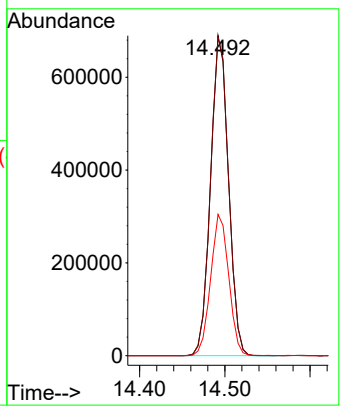


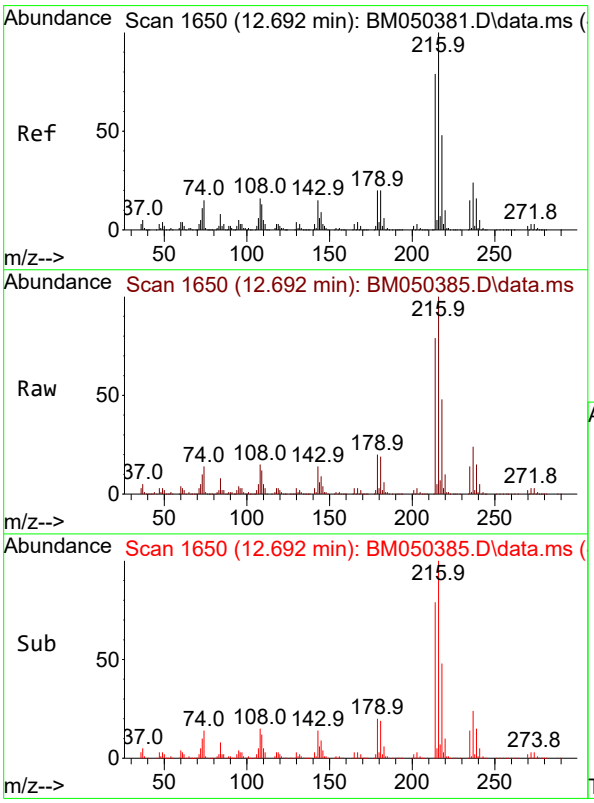
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:164 Resp: 1008264

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.9	119.9
160	44.1	36.2	54.4

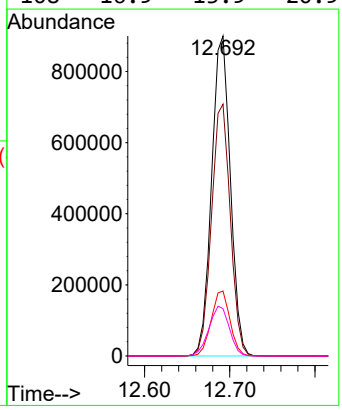


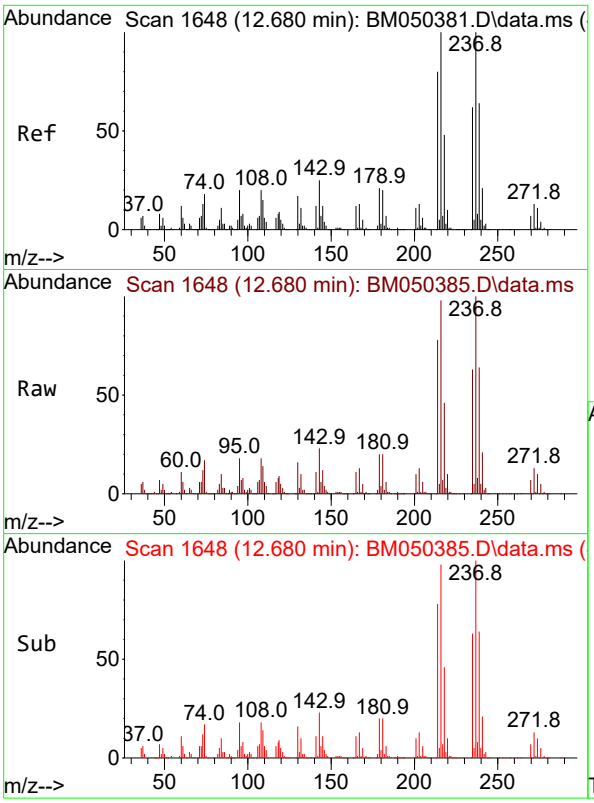


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.859 ng
RT: 12.692 min Scan# 1650
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:216 Resp: 1374217

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	20.4	16.4	24.6
108	16.9	13.9	20.9



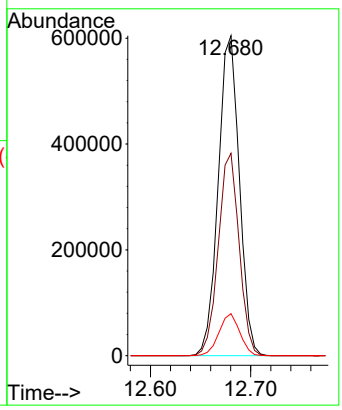


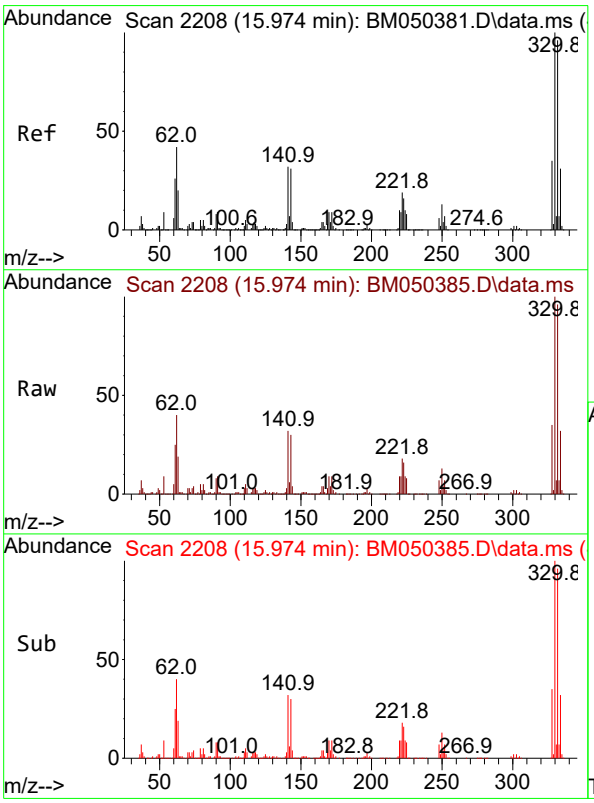
#41
Hexachlorocyclopentadiene
Concen: 43.015 ng
RT: 12.680 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:237 Resp: 881607

Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.3	82.3
272	13.1	0.0	33.0

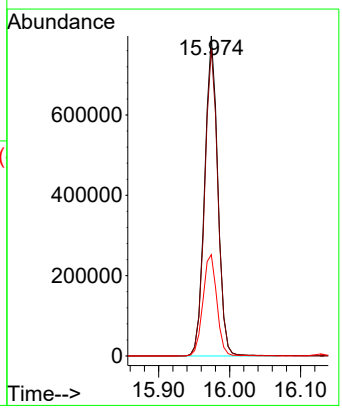


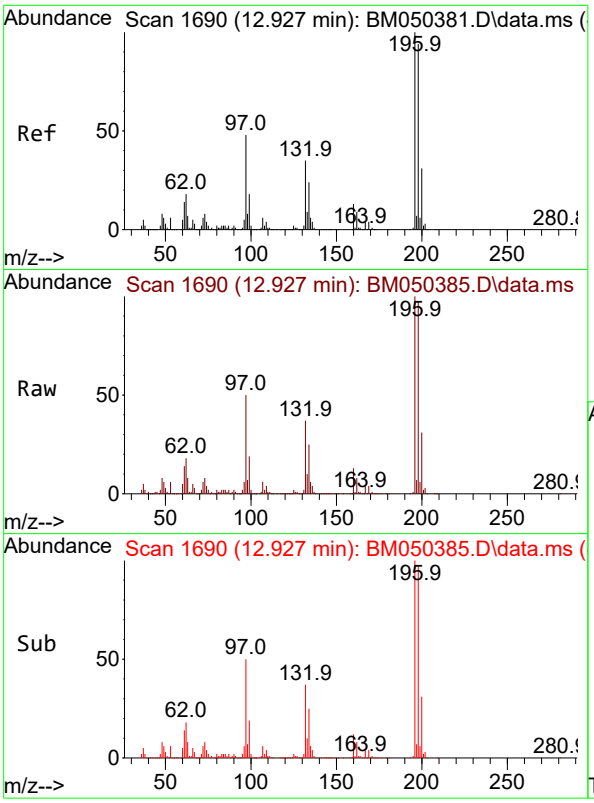


#42
2,4,6-Tribromophenol
Concen: 83.788 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:330 Resp: 1026446

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.5	27.4	41.0



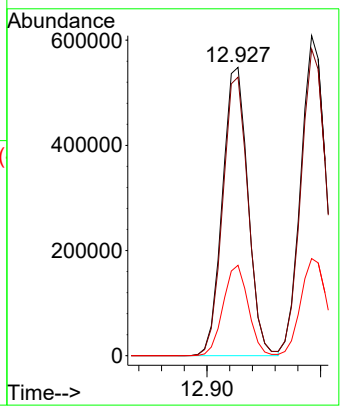


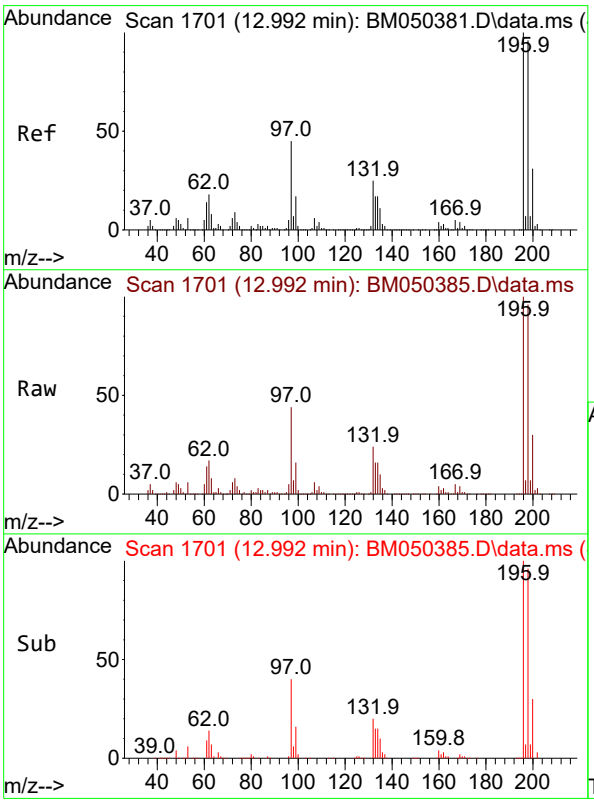
#43
2,4,6-Trichlorophenol
Concen: 43.485 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:196 Resp: 858251

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.1	112.7
200	31.3	24.6	37.0

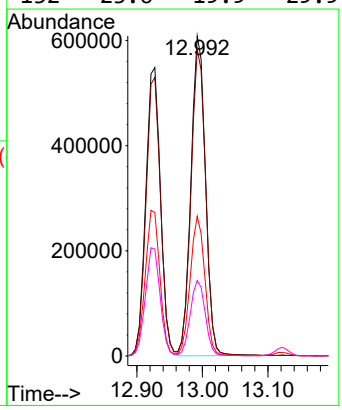


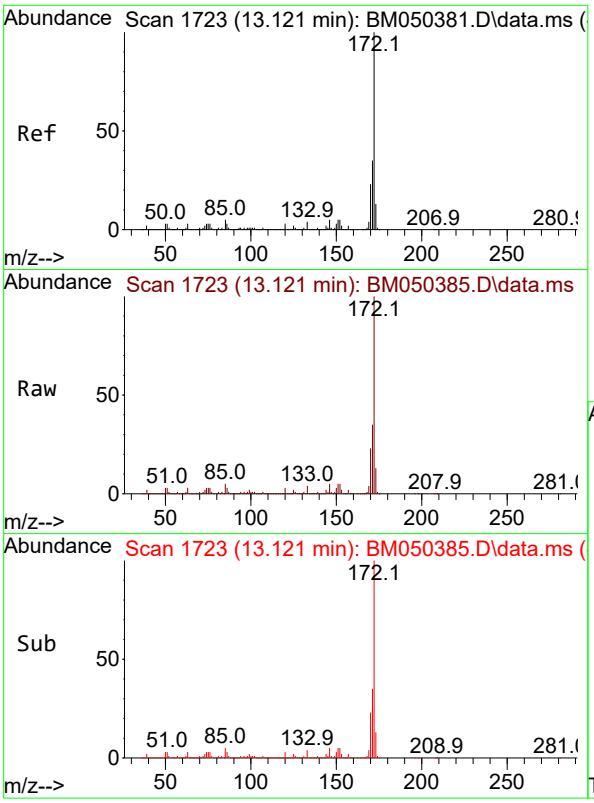


#44
2,4,5-Trichlorophenol
Concen: 43.542 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:196 Resp: 938542

Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.2	115.8
97	43.7	36.2	54.4
132	23.6	19.9	29.9



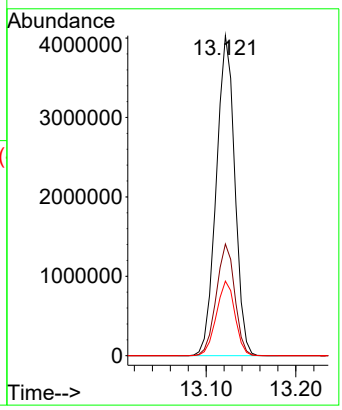


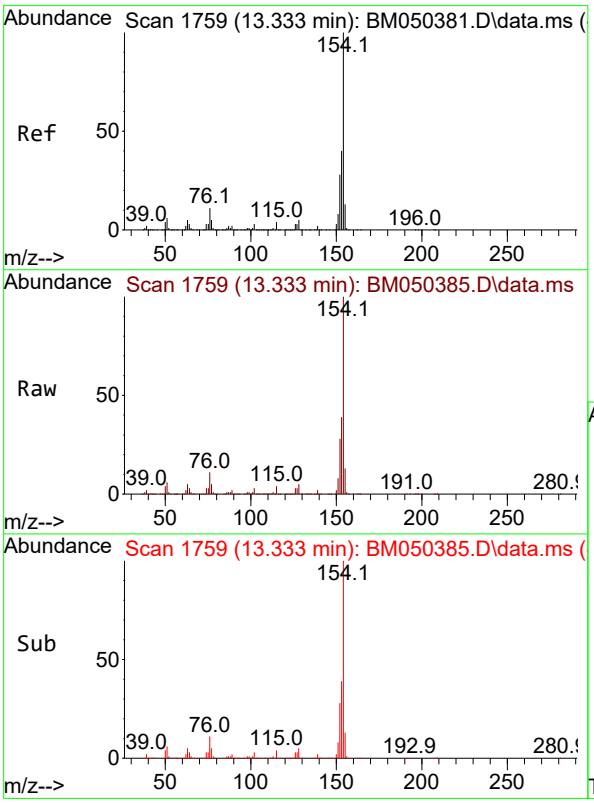
#45
2-Fluorobiphenyl
Concen: 70.689 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:172 Resp: 5771427

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.7	41.5
170	23.3	18.8	28.2

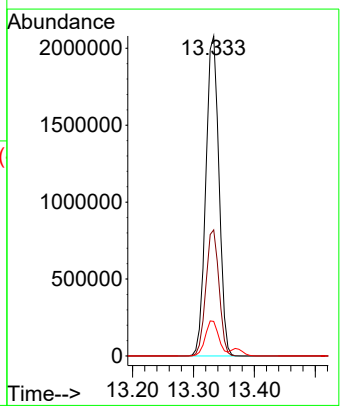


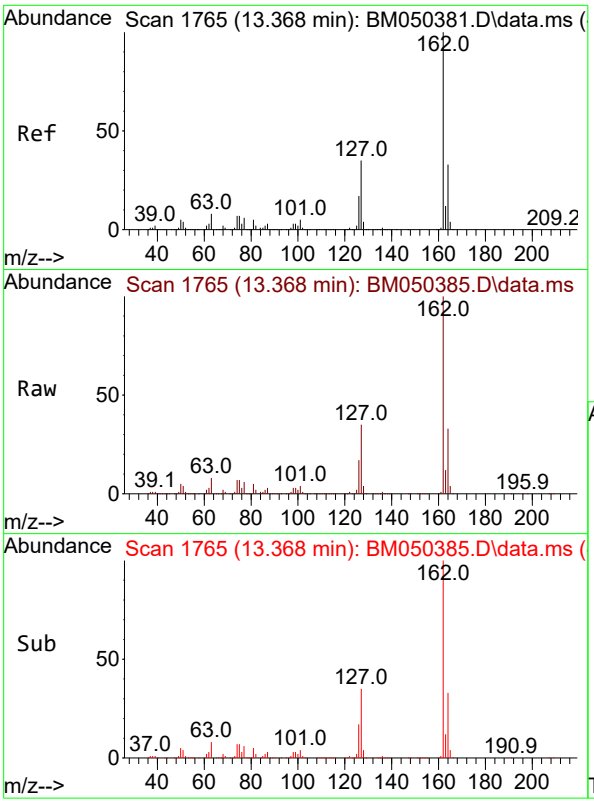


#46
1,1'-Biphenyl
Concen: 41.557 ng
RT: 13.333 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 3108770

Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.7	59.7
76	10.8	0.0	30.9



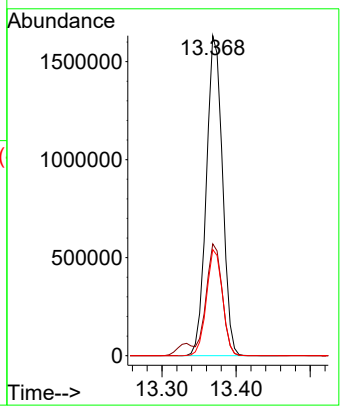


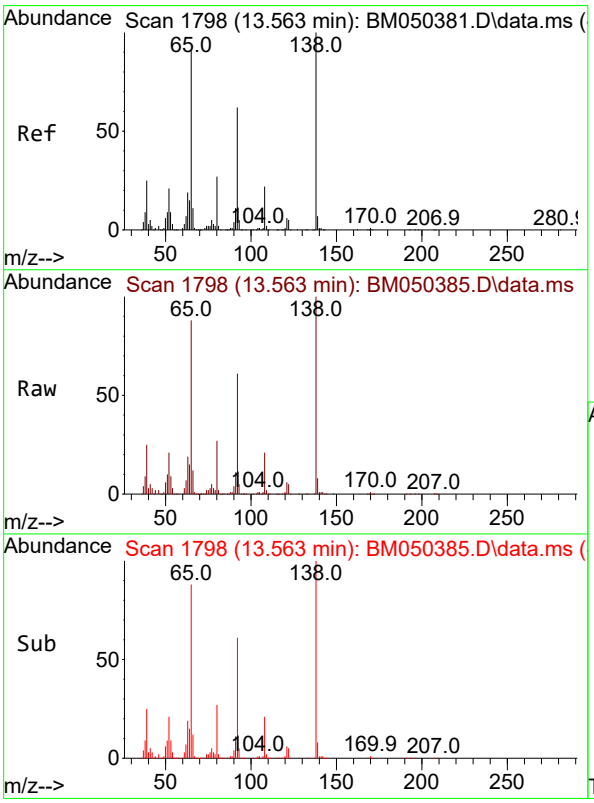
#47
2-Chloronaphthalene
Concen: 41.272 ng
RT: 13.368 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:162 Resp: 2461641

Ion	Ratio	Lower	Upper
162	100		
127	35.0	28.3	42.5
164	33.2	26.6	40.0

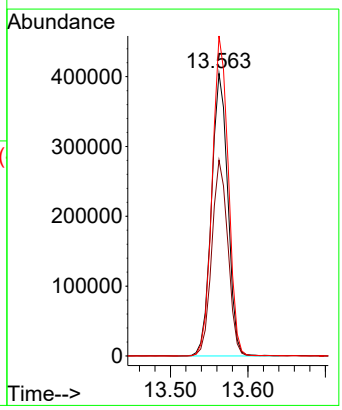


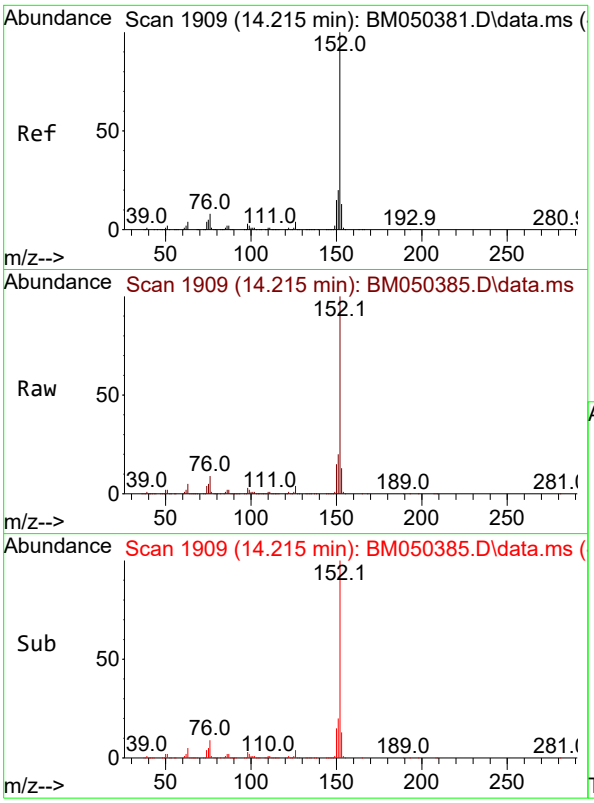


#48
2-Nitroaniline
Concen: 44.497 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion: 65 Resp: 592401

Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.3	81.5
138	113.2	87.8	131.6



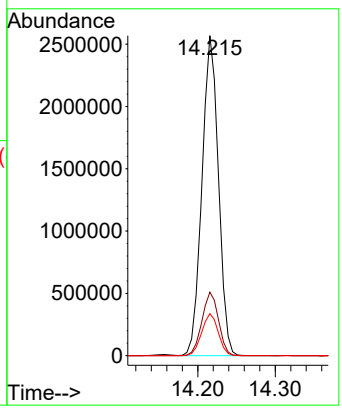


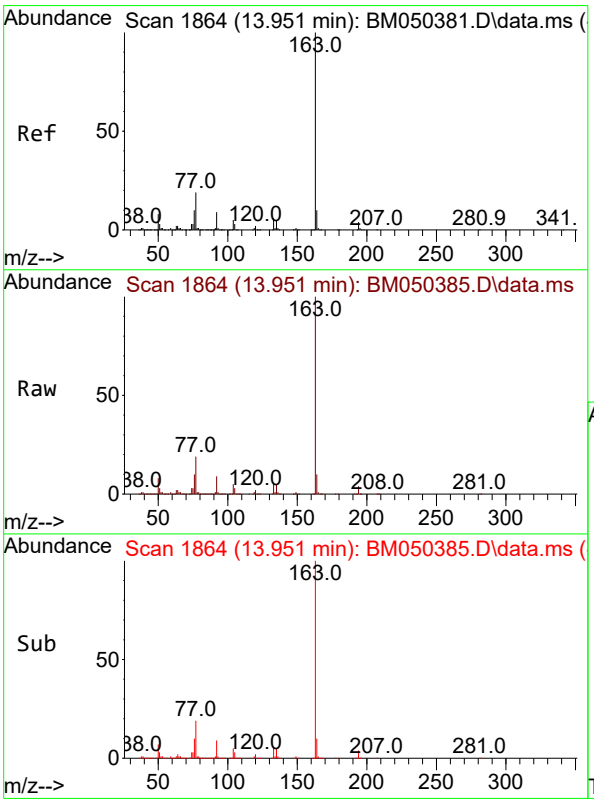
#49
Acenaphthylene
Concen: 41.972 ng
RT: 14.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:152 Resp: 3783308

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.1	10.6	15.8

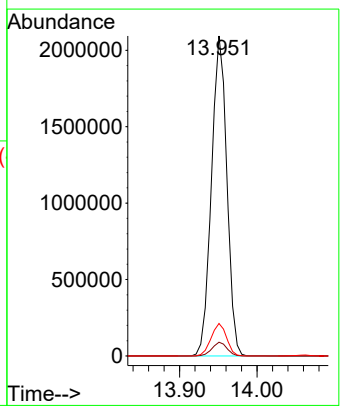


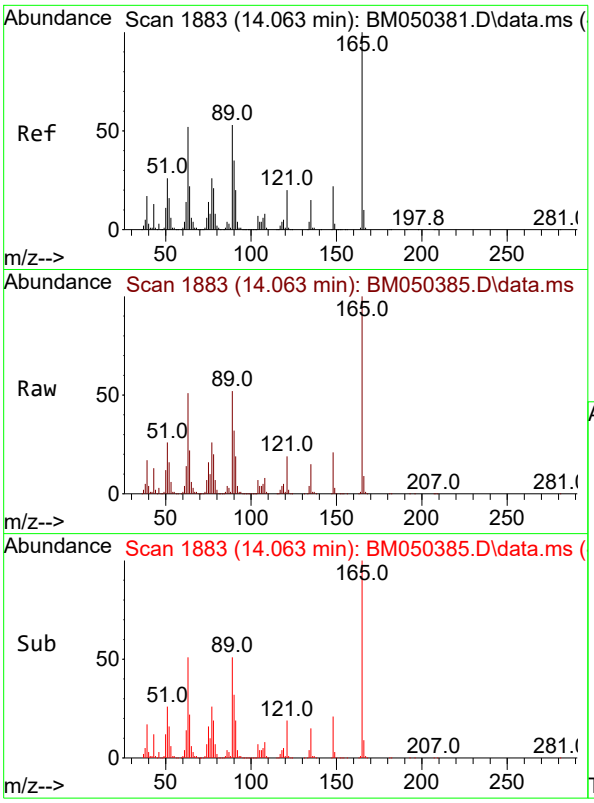


#50
Dimethylphthalate
Concen: 41.635 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:163 Resp: 2890119

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.2



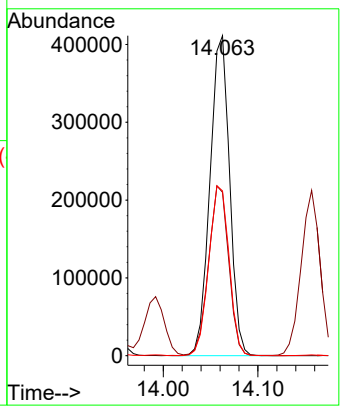


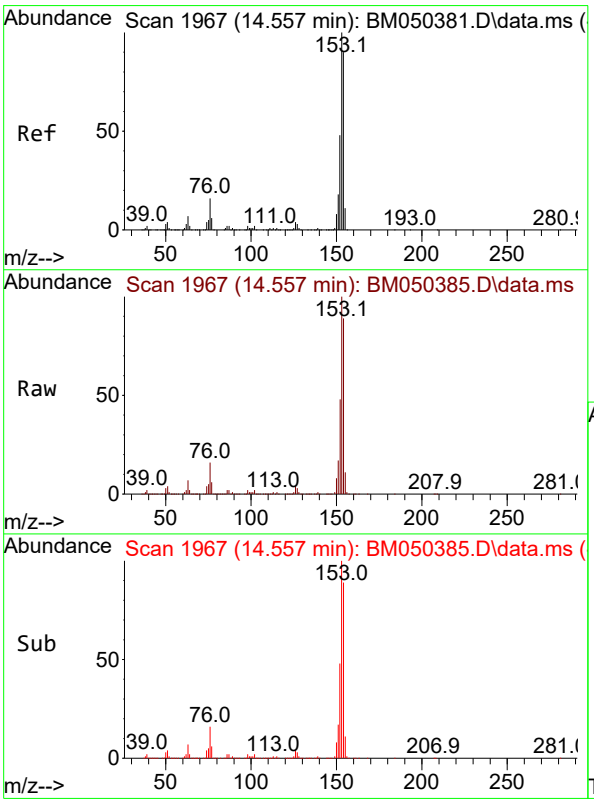
#51
2,6-Dinitrotoluene
Concen: 44.405 ng
RT: 14.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 591843

Ion	Ratio	Lower	Upper
165	100		
63	51.1	42.4	63.6
89	51.5	42.2	63.2

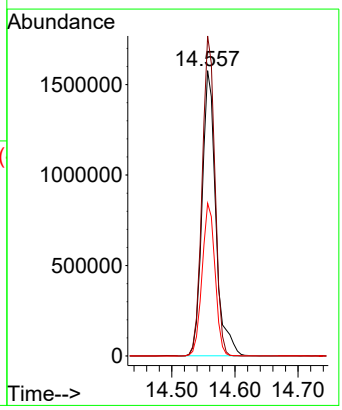


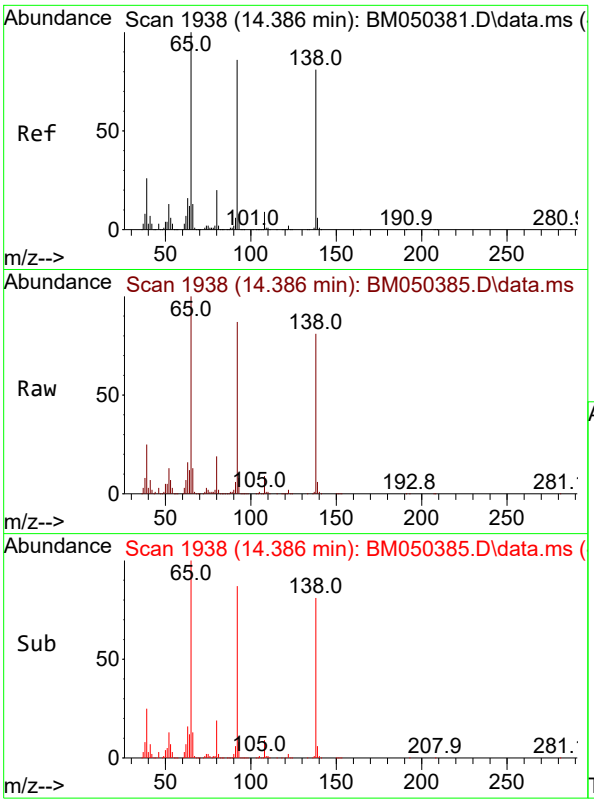


#52
Acenaphthene
Concen: 41.562 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:154 Resp: 2381763

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.2	133.8
152	53.5	42.6	64.0



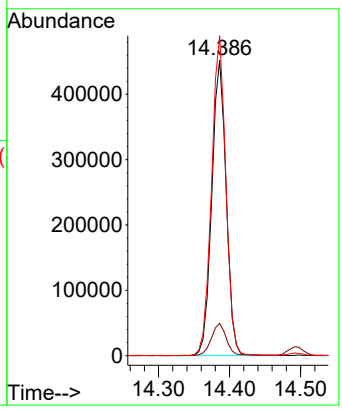


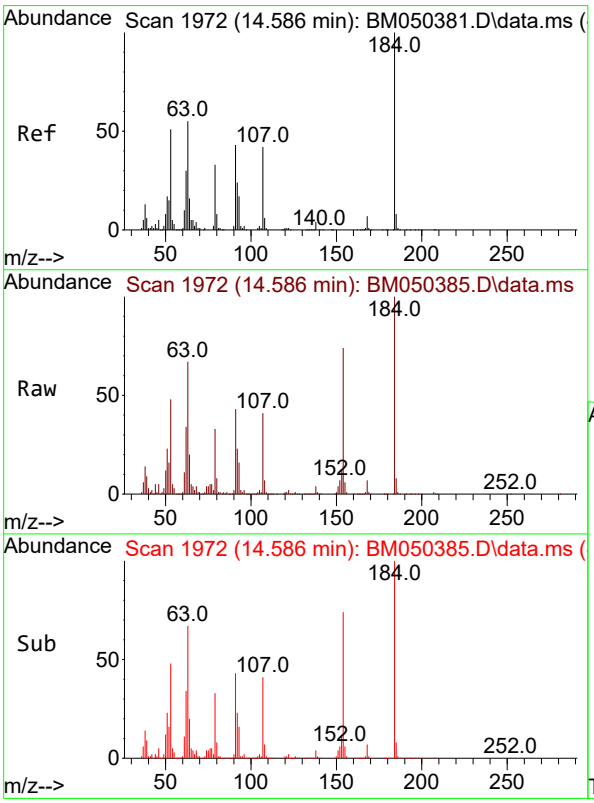
#53
3-Nitroaniline
Concen: 44.871 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:138 Resp: 636015

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.8	13.2
92	108.2	85.0	127.6

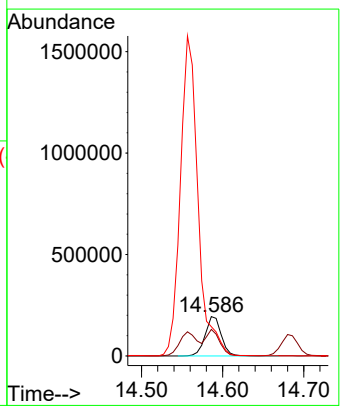


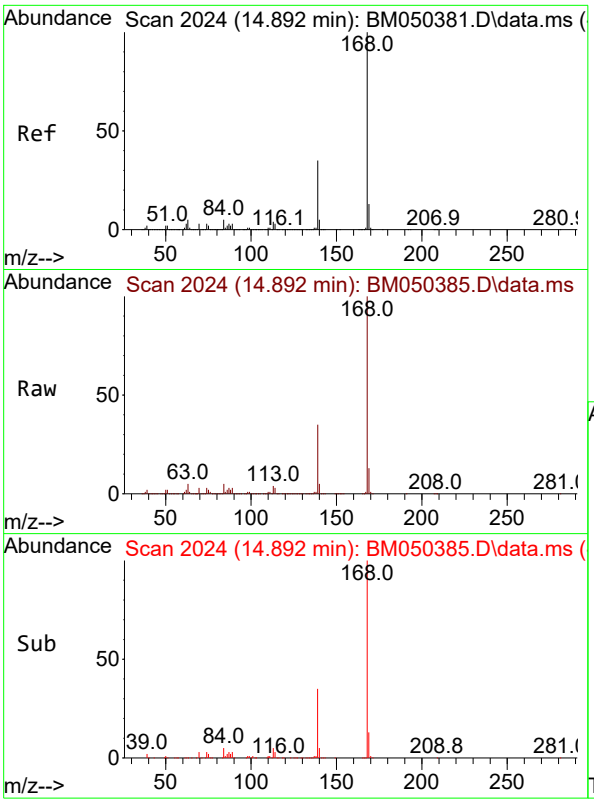


#54
2,4-Dinitrophenol
Concen: 39.797 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:184 Resp: 266947

Ion	Ratio	Lower	Upper
184	100		
63	67.3	53.4	80.0
154	74.3	61.6	92.4



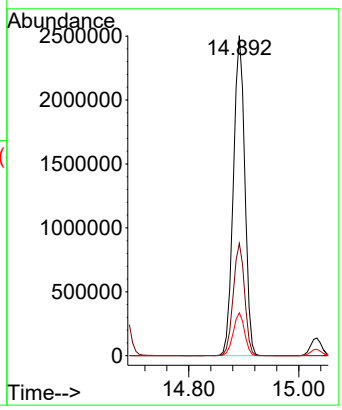


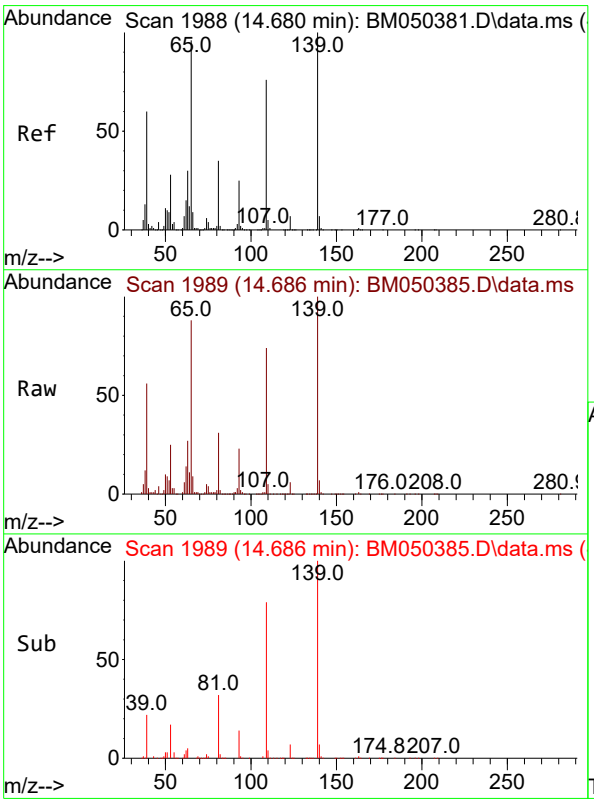
#55
Dibenzofuran
Concen: 40.877 ng
RT: 14.892 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:168 Resp: 3609413

Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.7	41.5
169	13.4	10.7	16.1

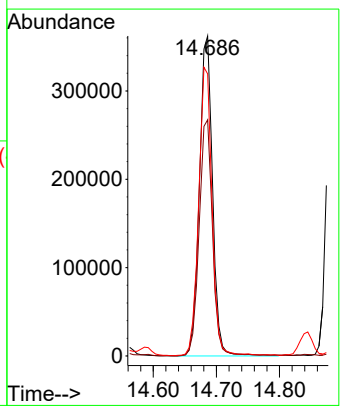


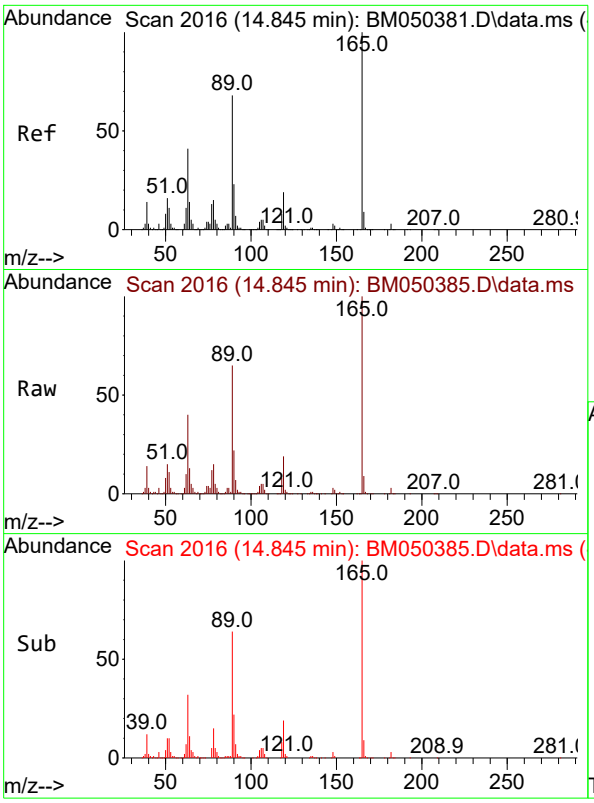


#56
4-Nitrophenol
Concen: 42.822 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:139 Resp: 521977

Ion	Ratio	Lower	Upper
139	100		
109	73.8	56.5	96.5
65	88.1	76.4	116.4



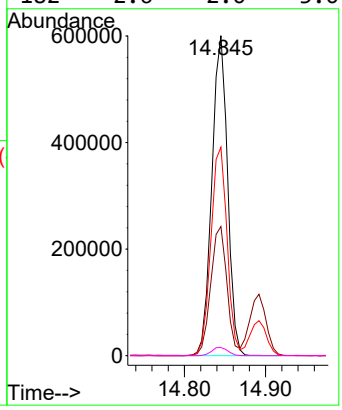


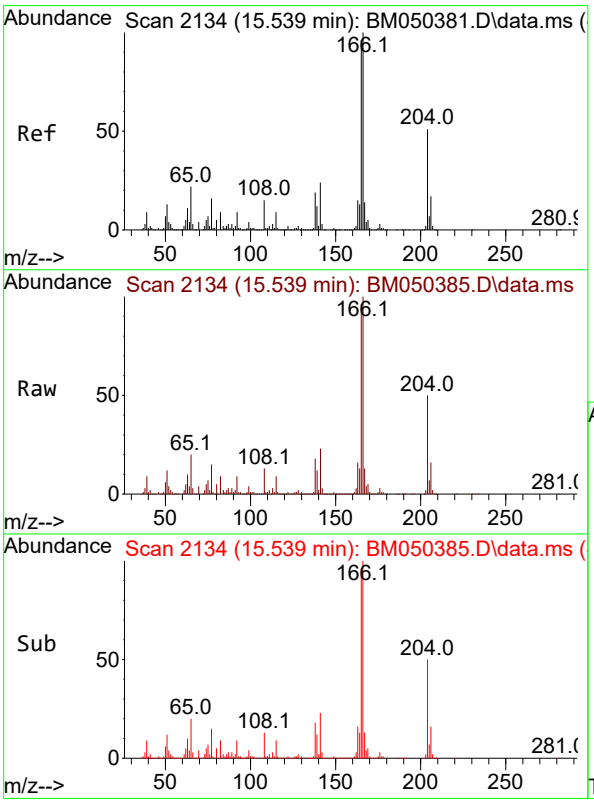
#57
2,4-Dinitrotoluene
Concen: 40.905 ng
RT: 14.845 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:165 Resp: 807634

Ion	Ratio	Lower	Upper
165	100		
63	40.3	32.5	48.7
89	65.1	54.0	81.0
182	2.6	2.0	3.0

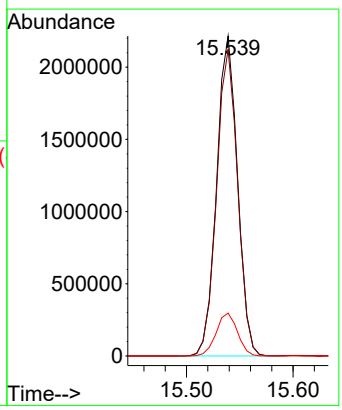


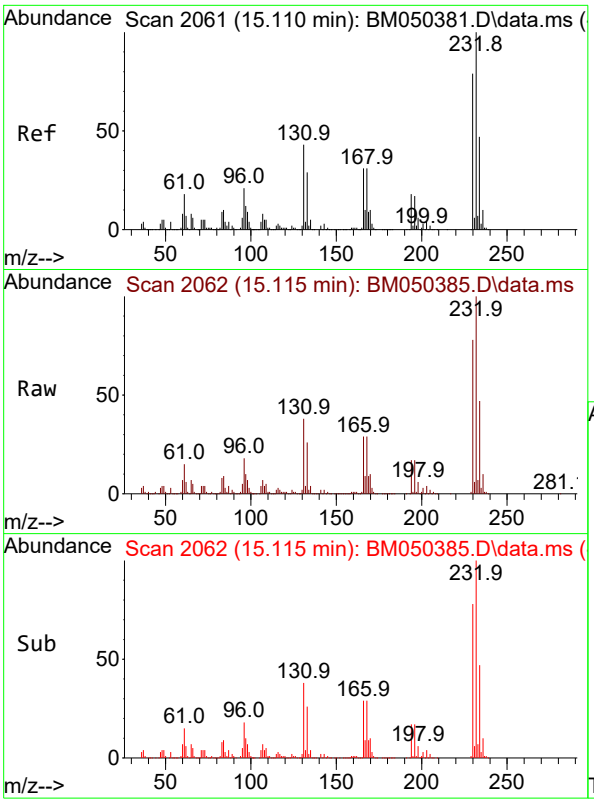


#58
Fluorene
Concen: 41.425 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:166 Resp: 3012801

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.0	115.6
167	13.4	10.9	16.3



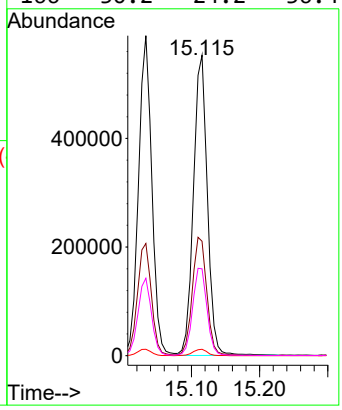


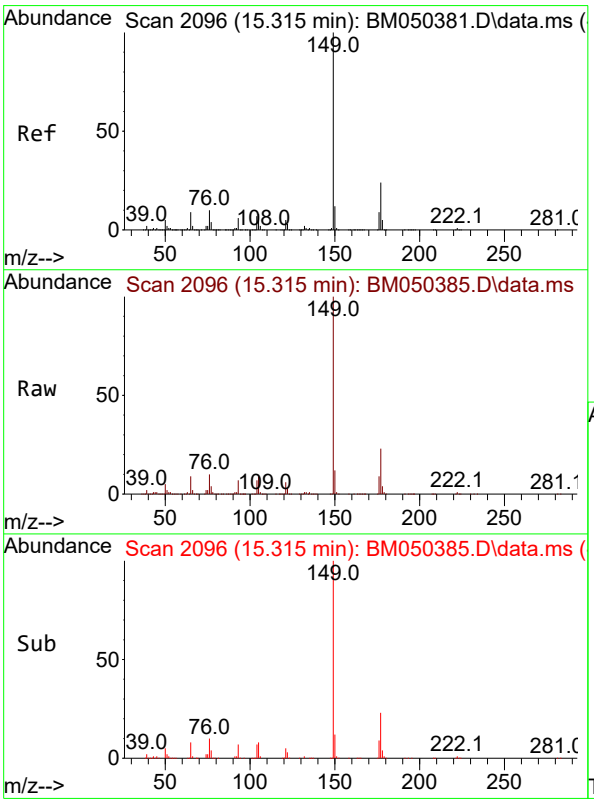
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.229 ng
RT: 15.115 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:232 Resp: 784378

Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.4	50.0
130	2.2	1.8	2.6
166	30.2	24.2	36.4

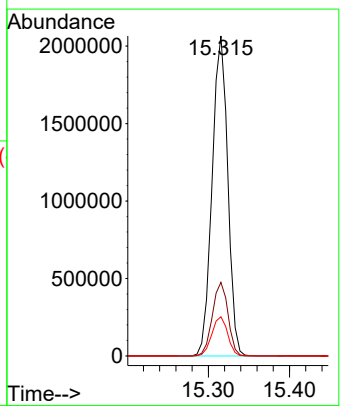


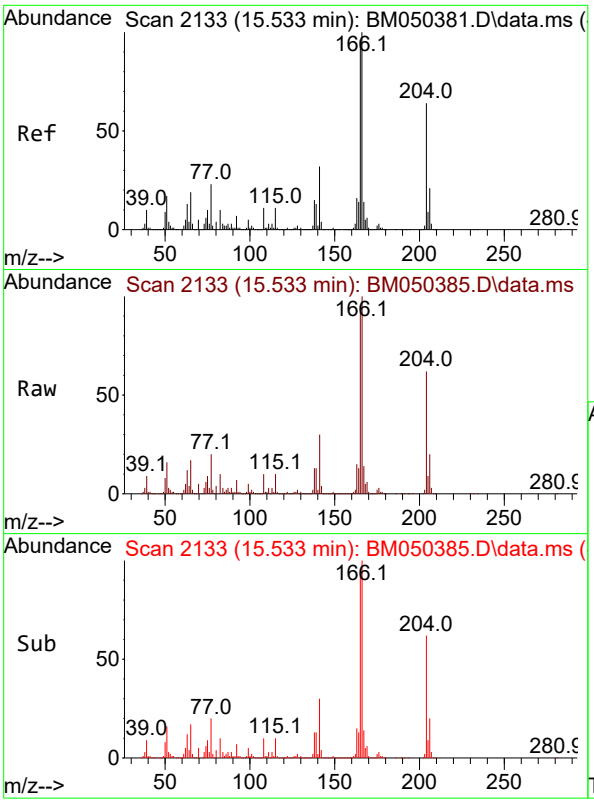


#60
Diethylphthalate
Concen: 41.609 ng
RT: 15.315 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2759041

Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.8	28.2
150	12.2	9.8	14.8



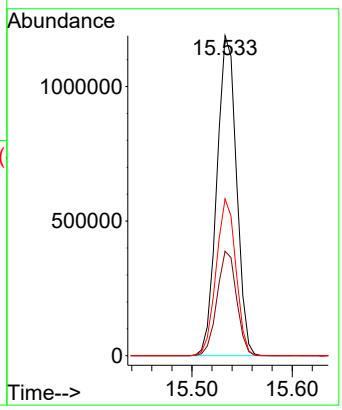


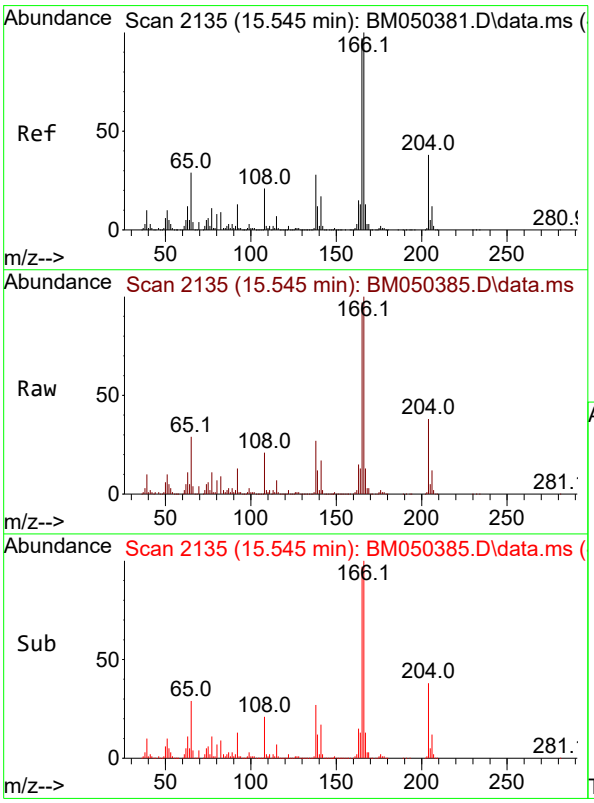
#61
4-Chlorophenyl-phenylether
Concen: 42.288 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:204 Resp: 1608200

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	49.0	39.9	59.9

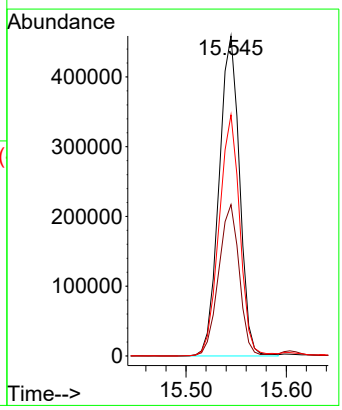


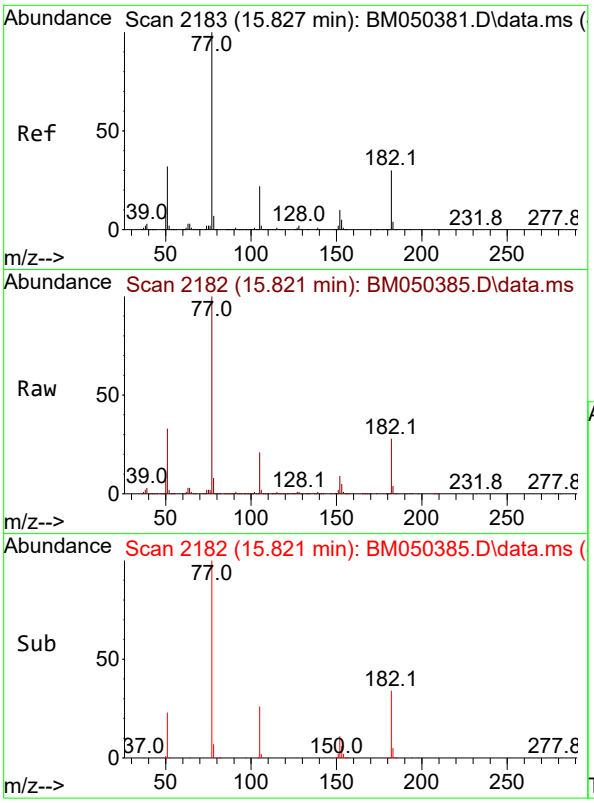


#62
4-Nitroaniline
Concen: 40.288 ng
RT: 15.545 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:138 Resp: 649355

Ion	Ratio	Lower	Upper
138	100		
92	47.3	24.5	64.5
108	75.4	52.5	92.5



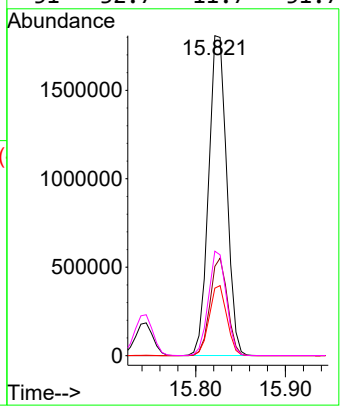


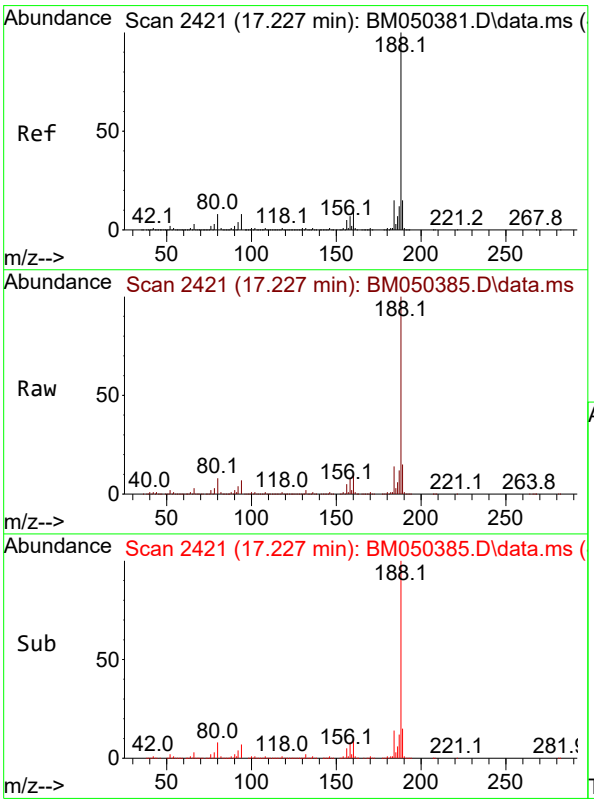
#63
Azobenzene
Concen: 41.531 ng
RT: 15.821 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion: 77 Resp: 2528721

Ion	Ratio	Lower	Upper
77	100		
182	27.9	10.0	50.0
105	21.1	2.0	42.0
51	32.7	11.7	51.7

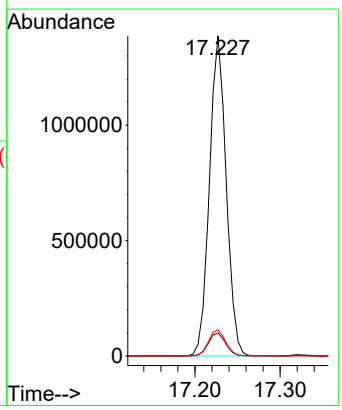


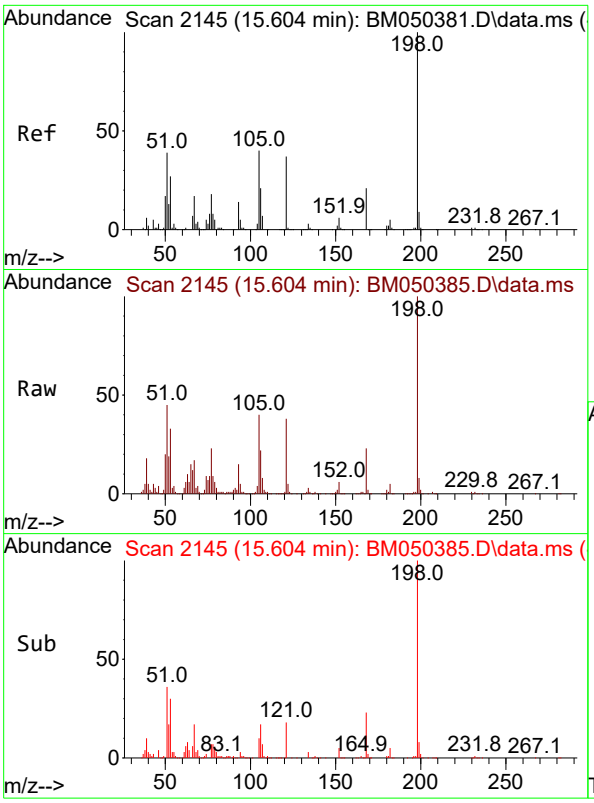


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:188 Resp: 1898481

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.0	9.0
80	8.2	6.5	9.7



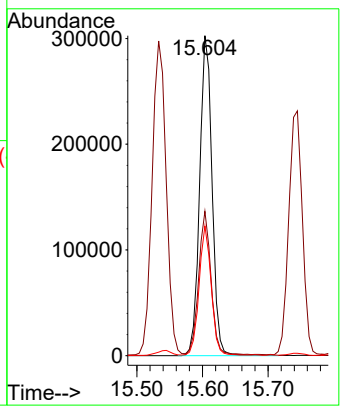


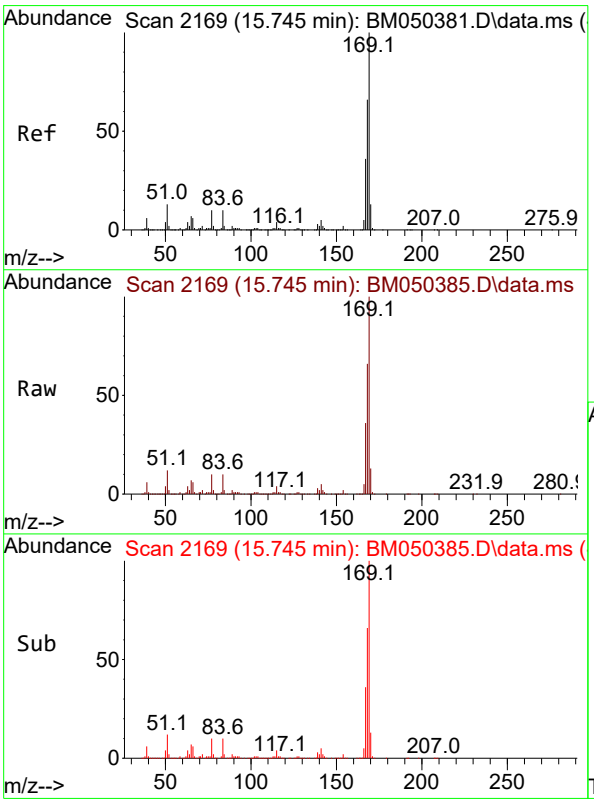
#65
4,6-Dinitro-2-methylphenol
Concen: 40.334 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:198 Resp: 399918

Ion	Ratio	Lower	Upper
198	100		
51	45.1	26.6	66.6
105	40.5	20.9	60.9

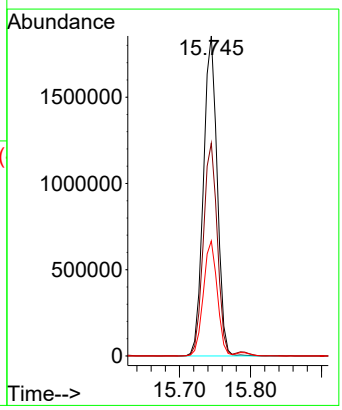


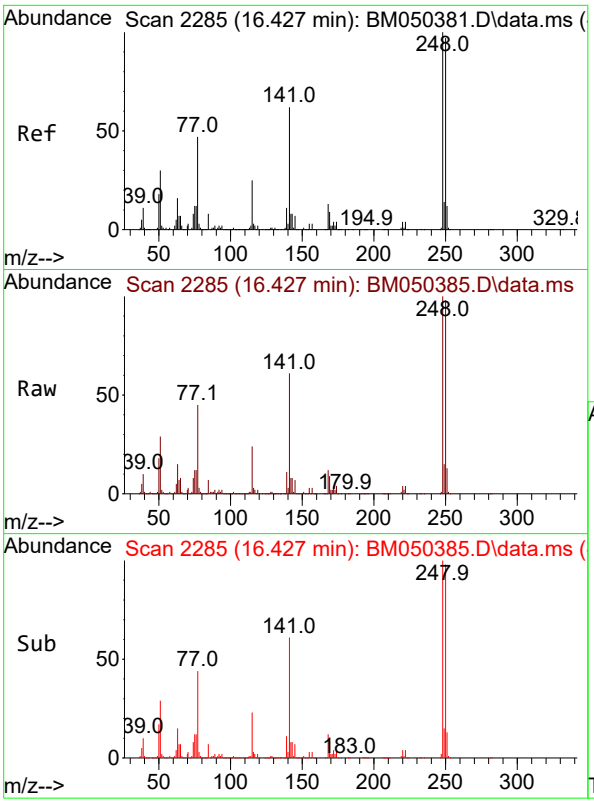


#66
n-Nitrosodiphenylamine
Concen: 42.198 ng
RT: 15.745 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:169 Resp: 2506809

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	36.0	28.7	43.1



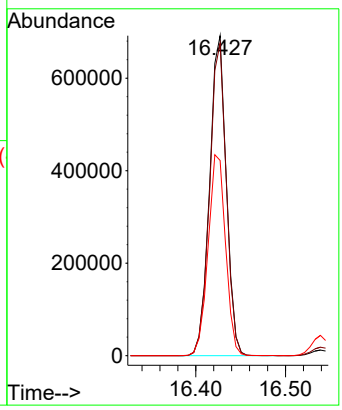


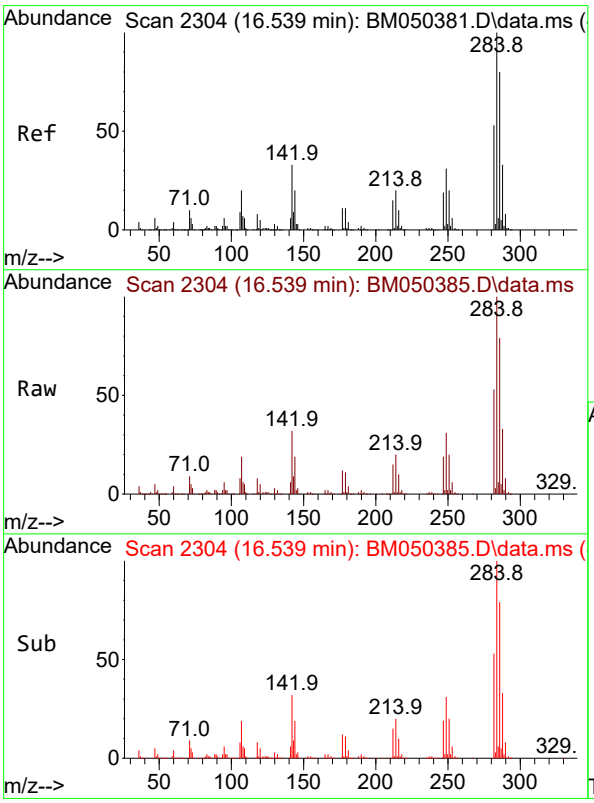
#67
4-Bromophenyl-phenylether
Concen: 42.755 ng
RT: 16.427 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:248 Resp: 894310

Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.9	116.9
141	61.0	49.7	74.5

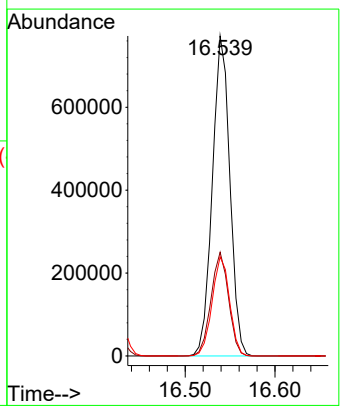


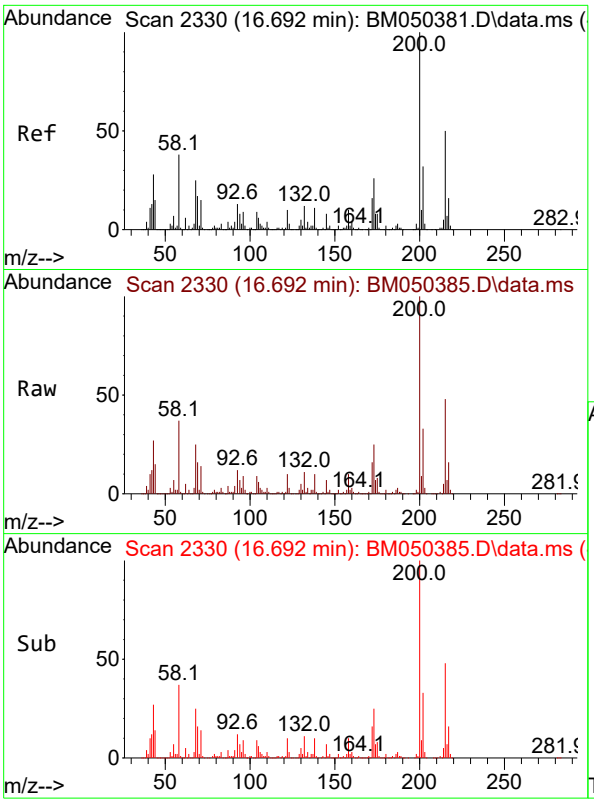


#68
Hexachlorobenzene
Concen: 42.380 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:284 Resp: 1046980

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.8	40.2
249	31.0	24.5	36.7



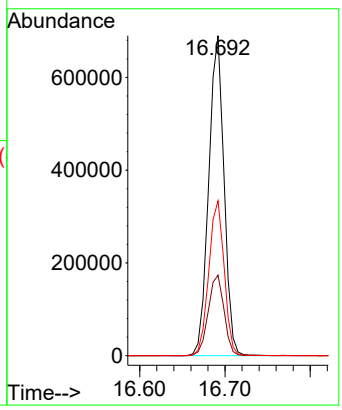


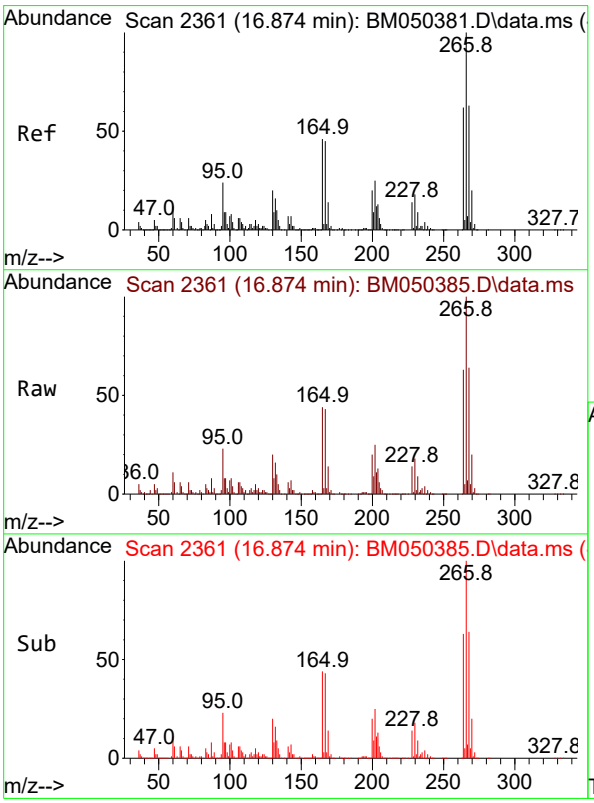
#69
Atrazine
Concen: 44.212 ng
RT: 16.692 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:200 Resp: 862455

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.6	45.6
215	48.4	29.6	69.6

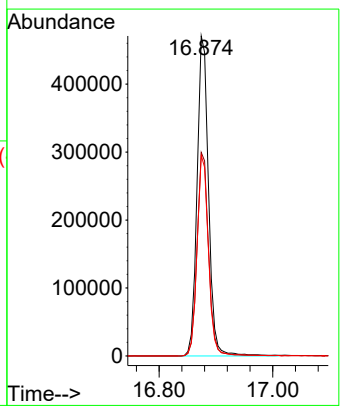


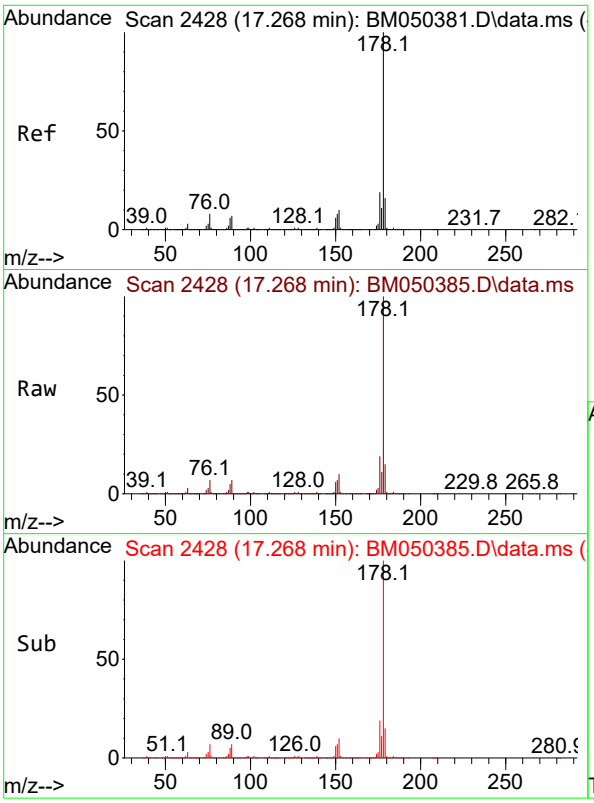


#70
Pentachlorophenol
Concen: 43.075 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:266 Resp: 662449

Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.5	75.7
264	62.6	49.9	74.9



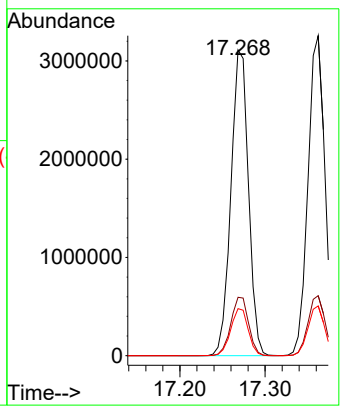


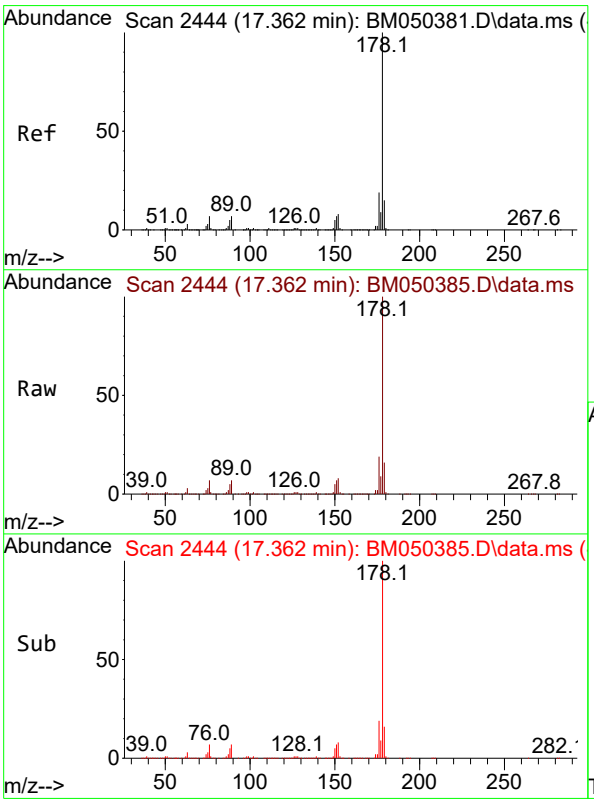
#71
Phenanthrene
Concen: 41.373 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:178 Resp: 4444618

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

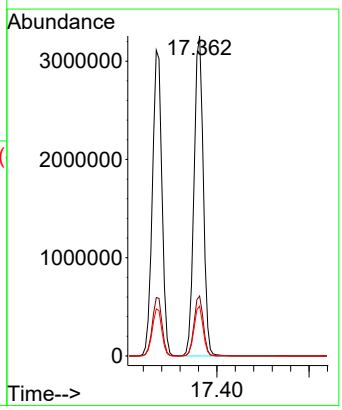


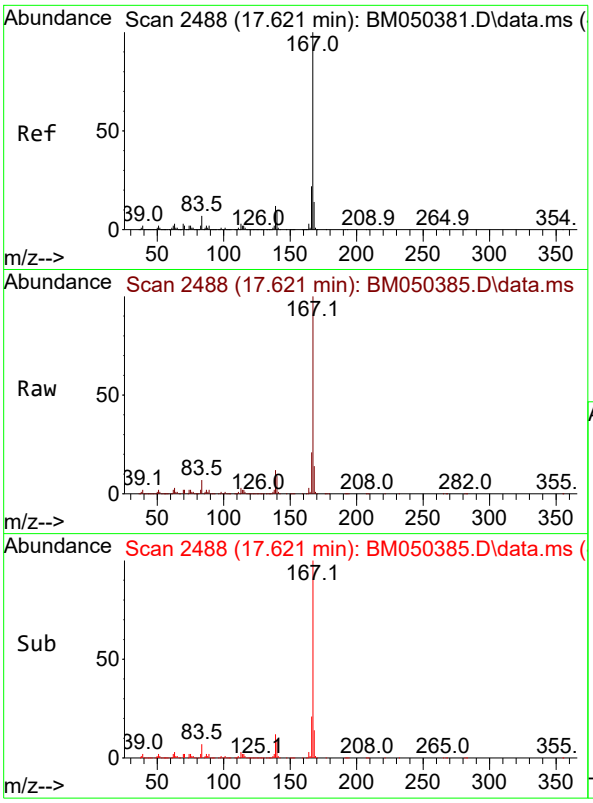


#72
Anthracene
Concen: 42.316 ng
RT: 17.362 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:178 Resp: 4525011

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4



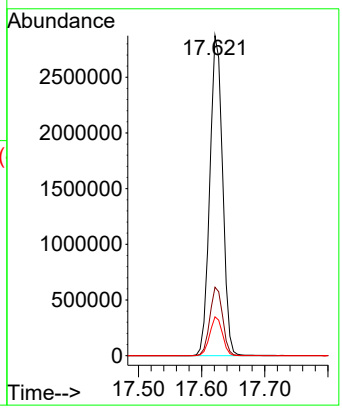


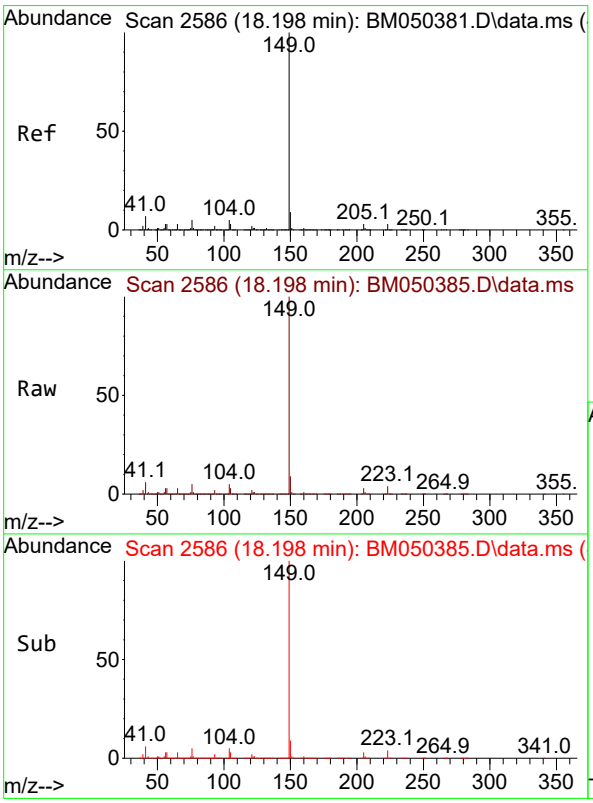
#73
Carbazole
Concen: 41.806 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:167 Resp: 4044979

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.2	9.9	14.9

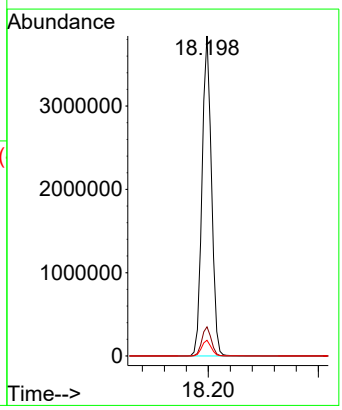


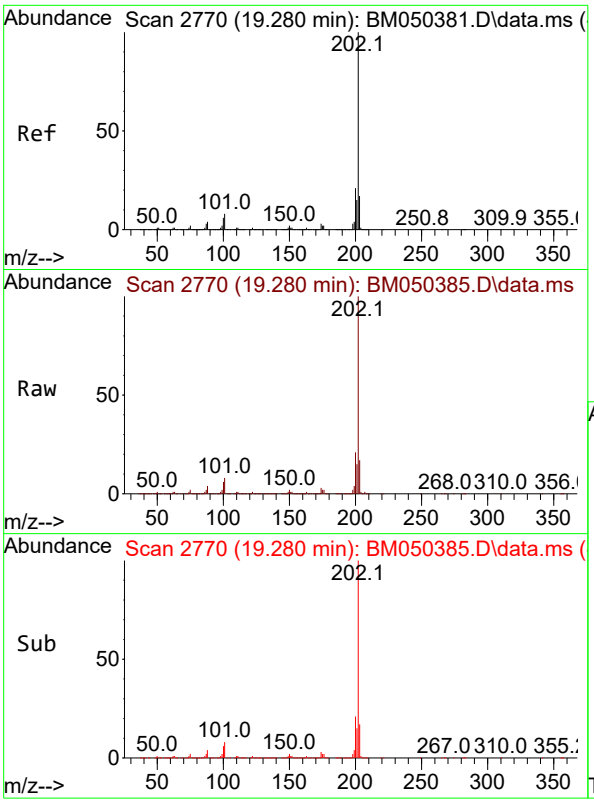


#74
Di-n-butylphthalate
Concen: 43.247 ng
RT: 18.198 min Scan# 2586
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 4579991

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	3.9	5.9



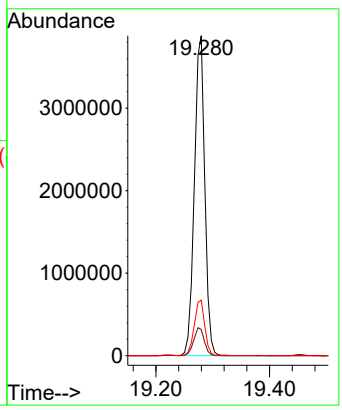


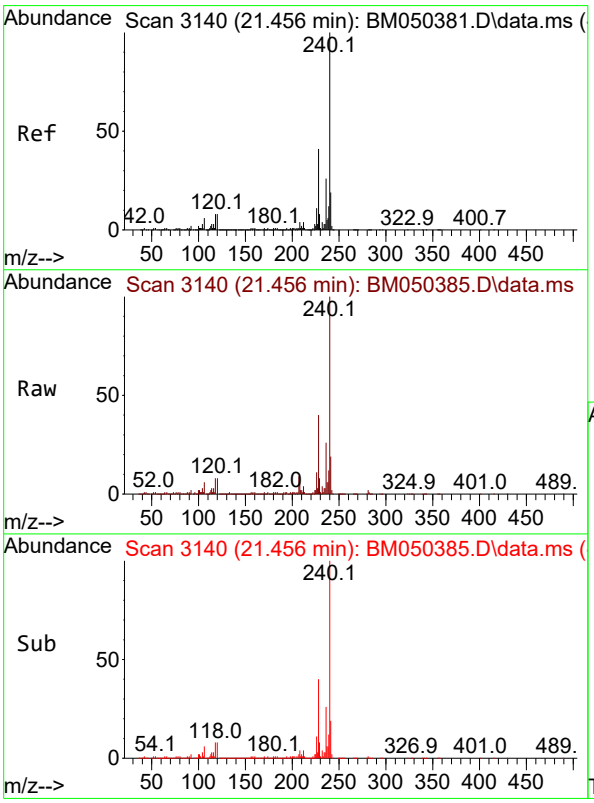
#75
Fluoranthene
Concen: 42.474 ng
RT: 19.280 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:202 Resp: 4960360

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.3
203	17.4	0.0	37.2

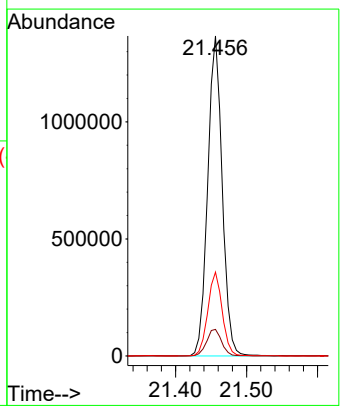


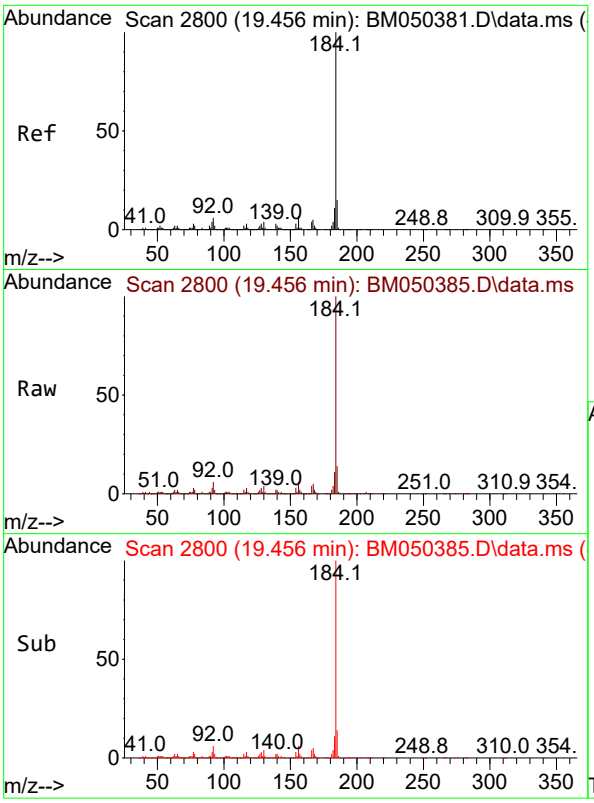


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:240 Resp: 1940016

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.7	10.1
236	26.2	20.7	31.1



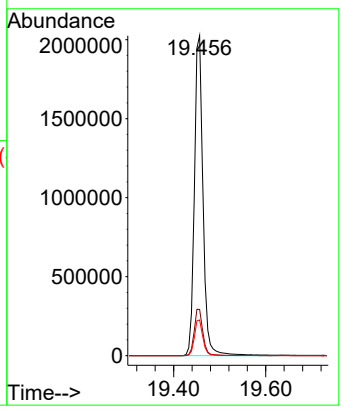


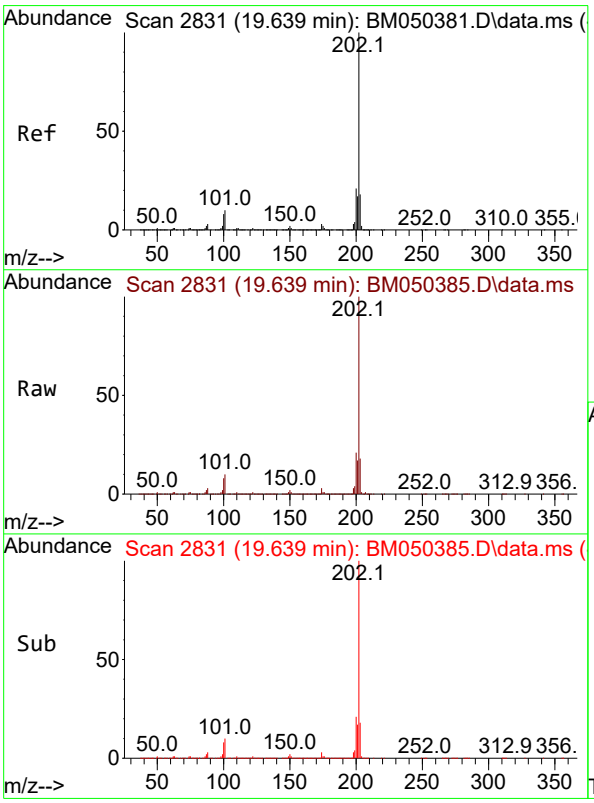
#77
Benzidine
Concen: 53.050 ng
RT: 19.456 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:184 Resp: 2625052

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	11.2	9.0	13.6

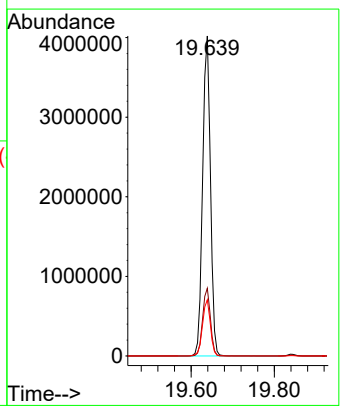


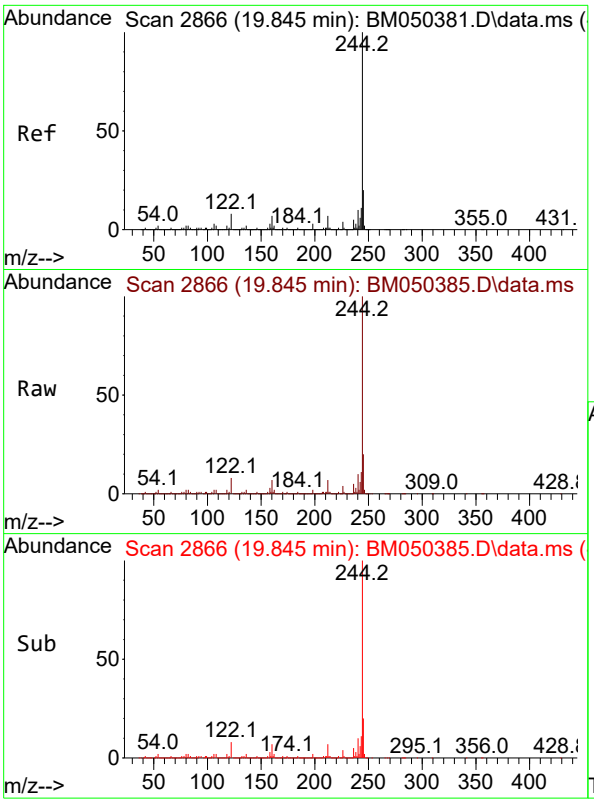


#78
Pyrene
Concen: 42.257 ng
RT: 19.639 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:202 Resp: 5250364

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.1	21.1



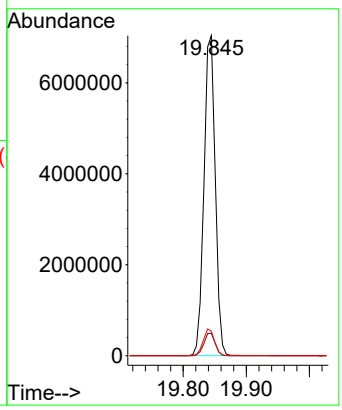


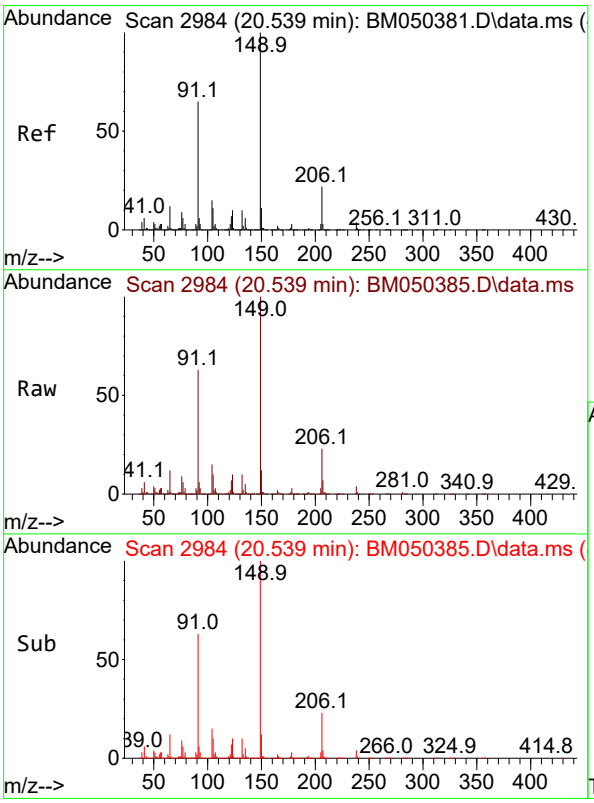
#79
Terphenyl-d14
Concen: 79.145 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:244 Resp: 8726739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.7	6.2	9.2

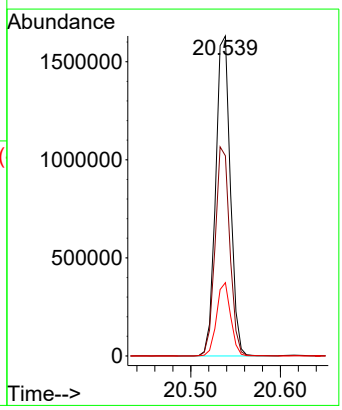


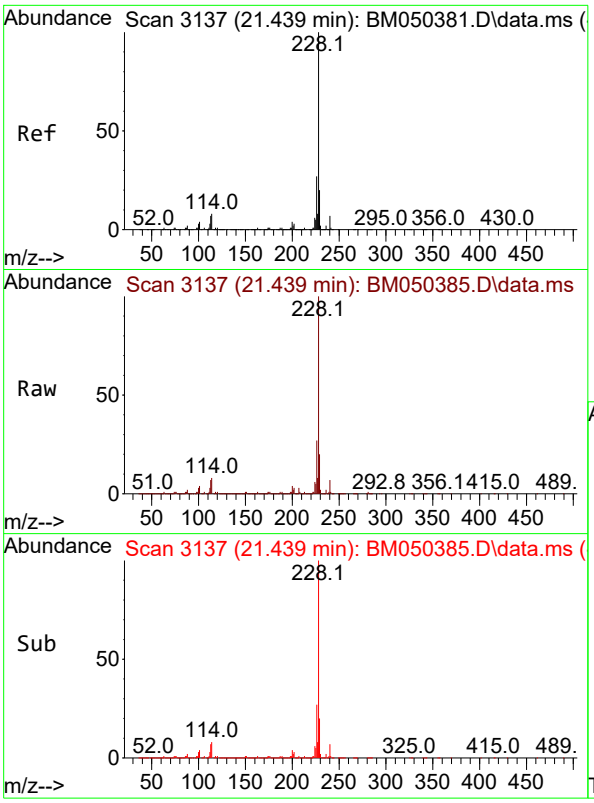


#80
Butylbenzylphthalate
Concen: 45.139 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 1849278

Ion	Ratio	Lower	Upper
149	100		
91	62.6	51.6	77.4
206	22.9	17.8	26.8



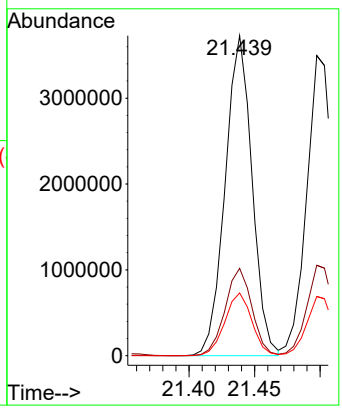


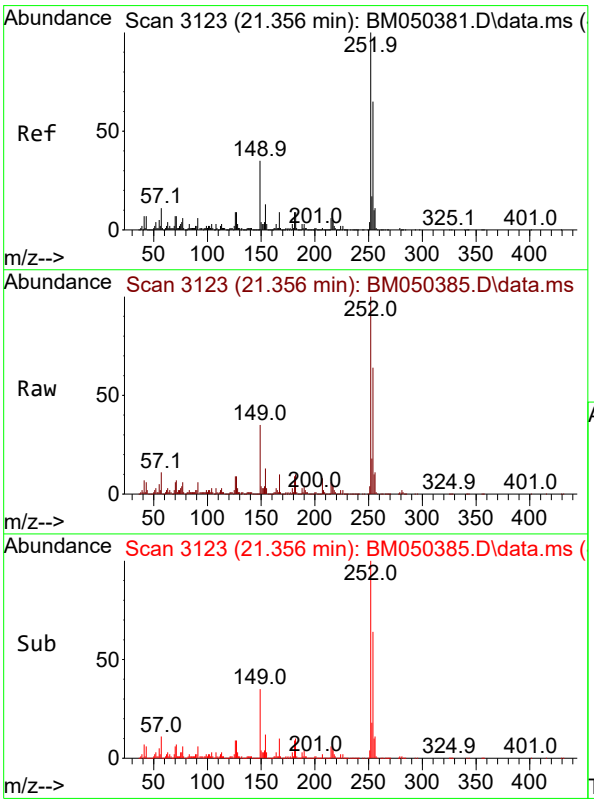
#81
Benzo(a)anthracene
Concen: 42.109 ng
RT: 21.439 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 5322771

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.6	16.0	24.0

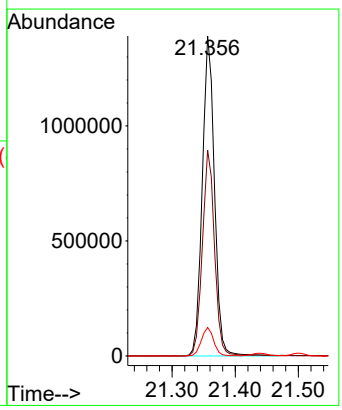


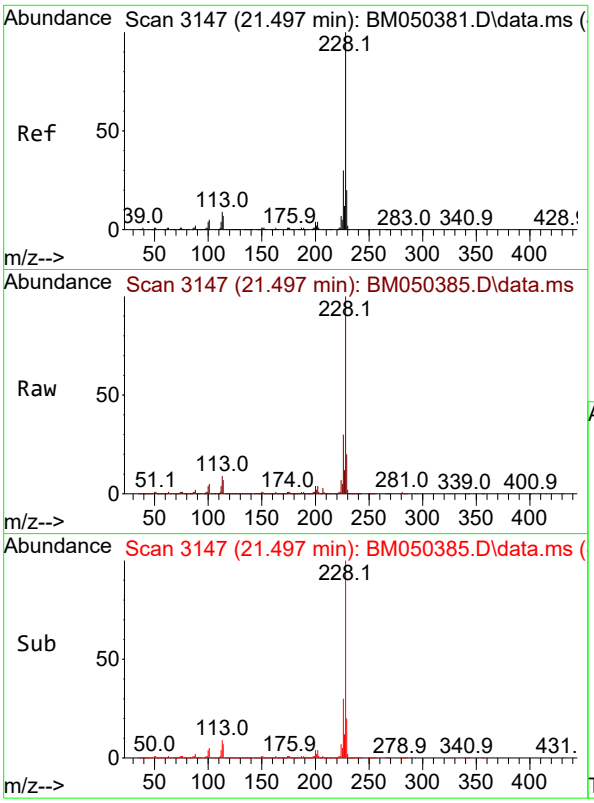


#82
3,3'-Dichlorobenzidine
Concen: 43.733 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 1864267

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	8.9	7.3	10.9



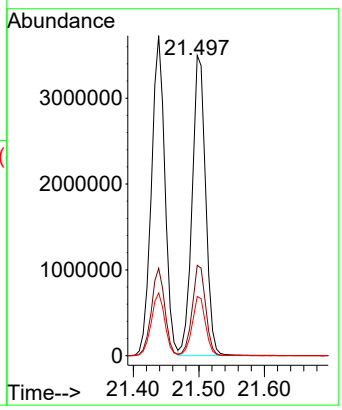


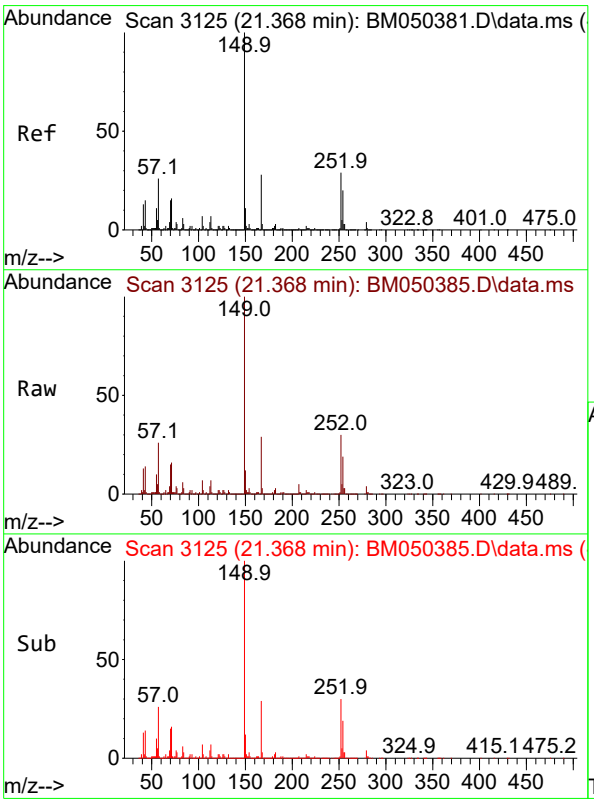
#83
Chrysene
Concen: 41.924 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:228 Resp: 4998506

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.8	15.8	23.6

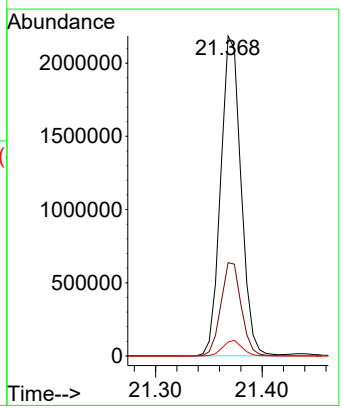


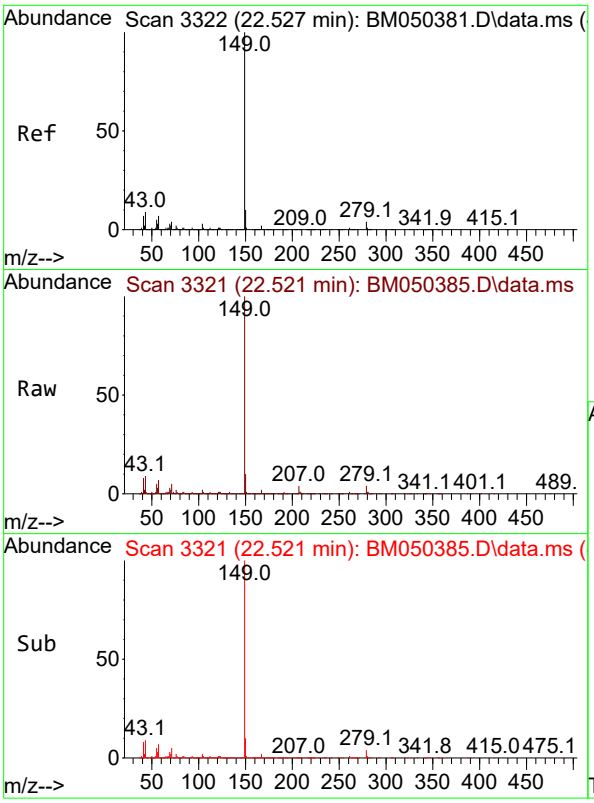


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.481 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:149 Resp: 2892877

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	4.4	3.5	5.3



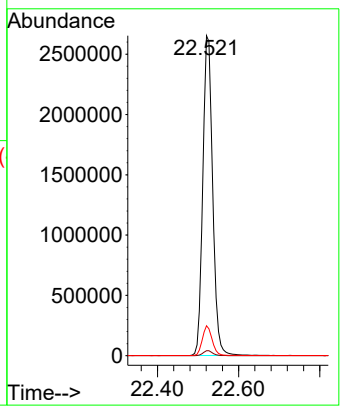


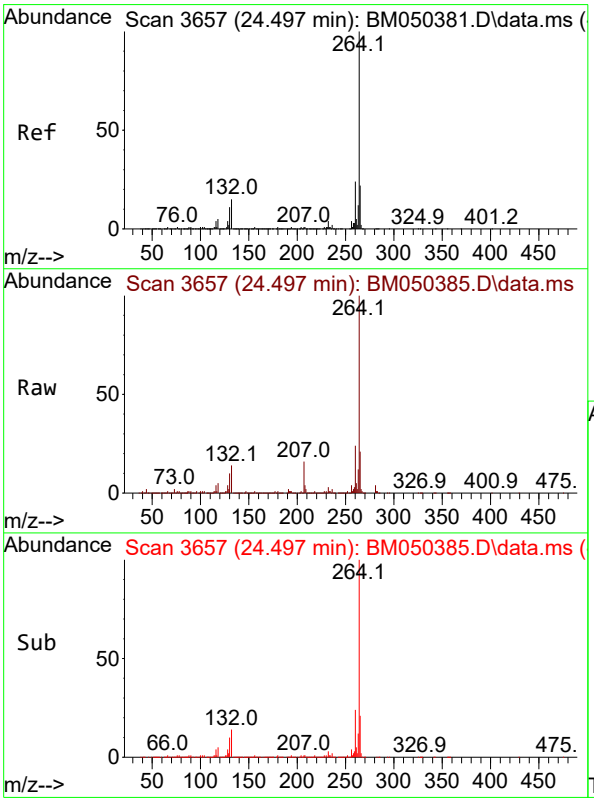
#85
Di-n-octyl phthalate
Concen: 43.760 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:149 Resp: 4457449

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.3	7.7	11.5

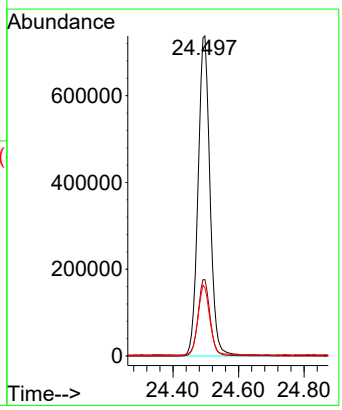


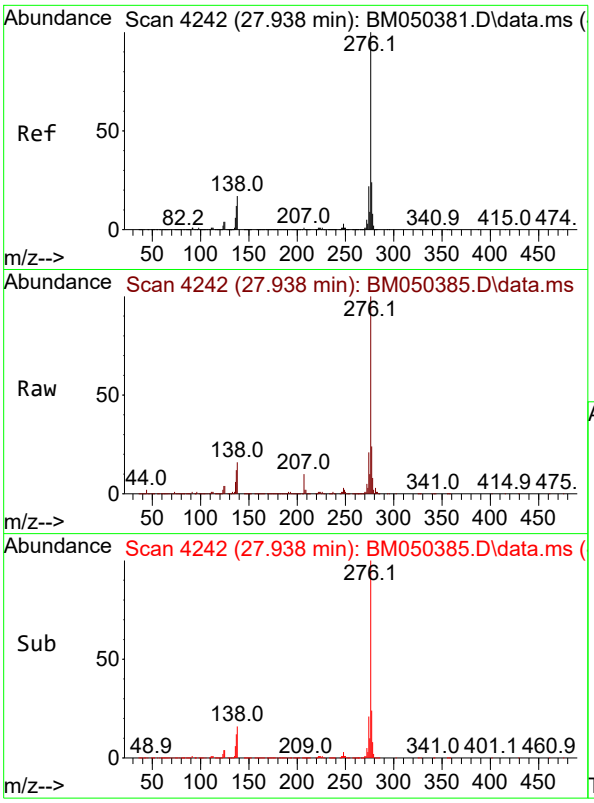


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.497 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:264 Resp: 1874427

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.8	26.6



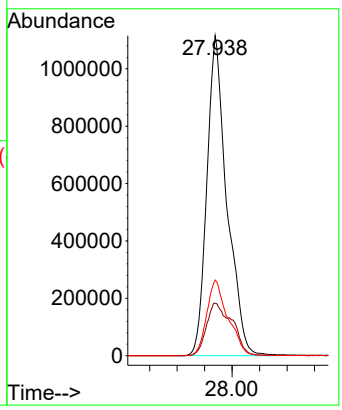


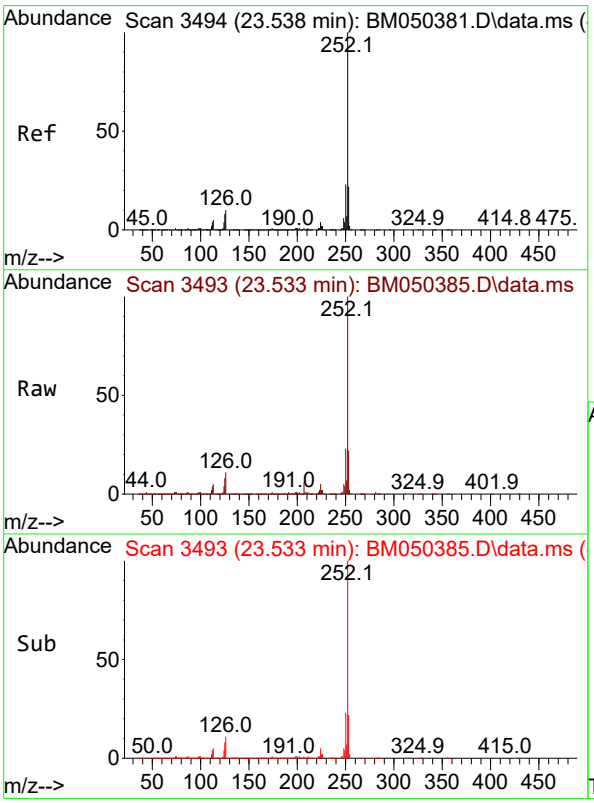
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.377 ng
RT: 27.938 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:276 Resp: 5647629

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.0	25.6
277	25.0	20.0	30.0

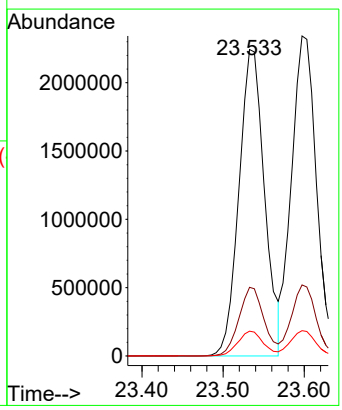


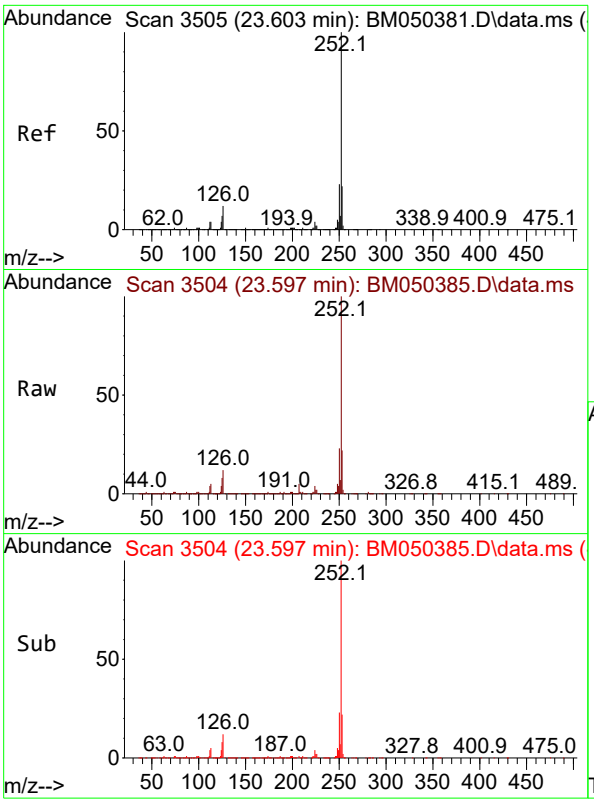


#88
Benzo(b)fluoranthene
Concen: 42.558 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4906807

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.1	6.3	9.5



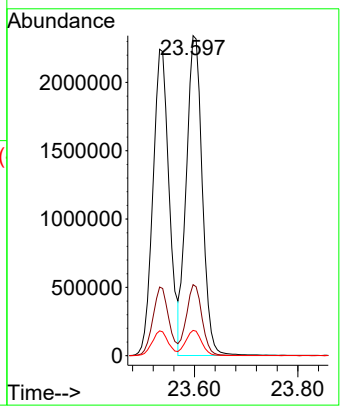


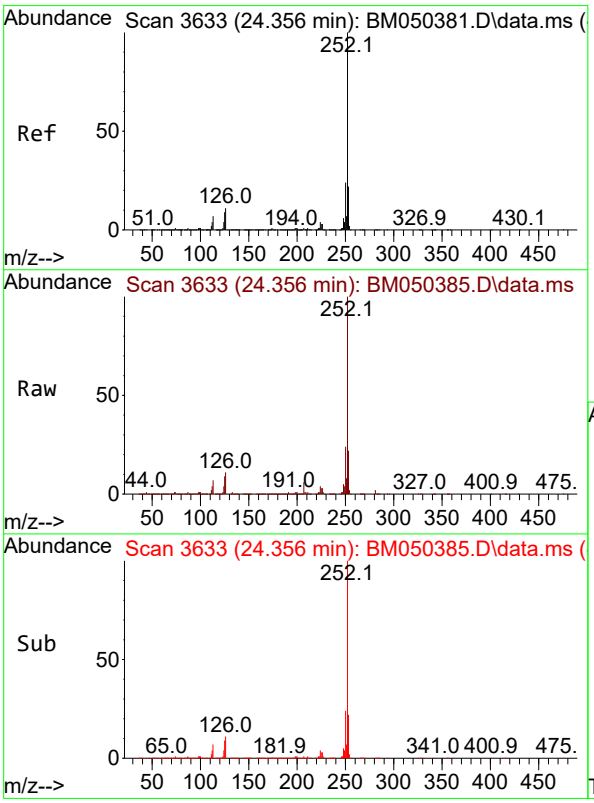
#89
Benzo(k)fluoranthene
Concen: 41.883 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:252 Resp: 5010695

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.9	6.2	9.2

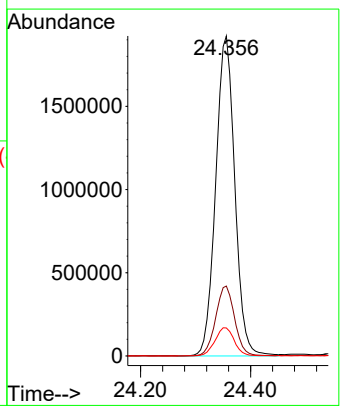


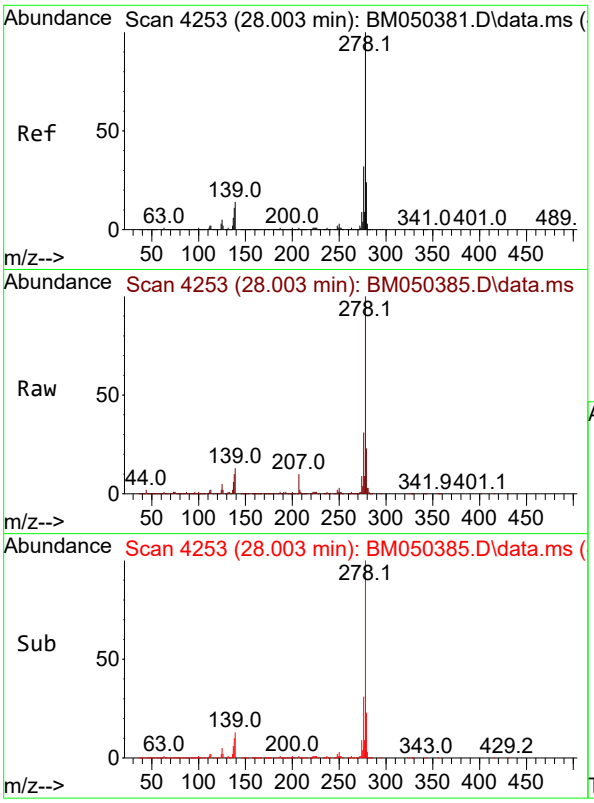


#90
Benzo(a)pyrene
Concen: 42.933 ng
RT: 24.356 min Scan# 3633
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:252 Resp: 4633762

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.8	7.0	10.4



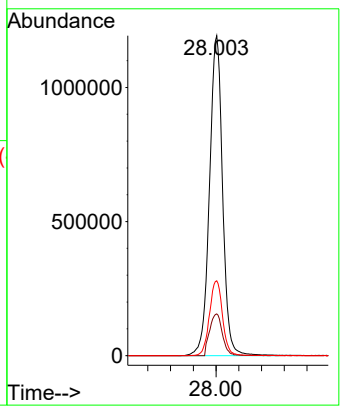


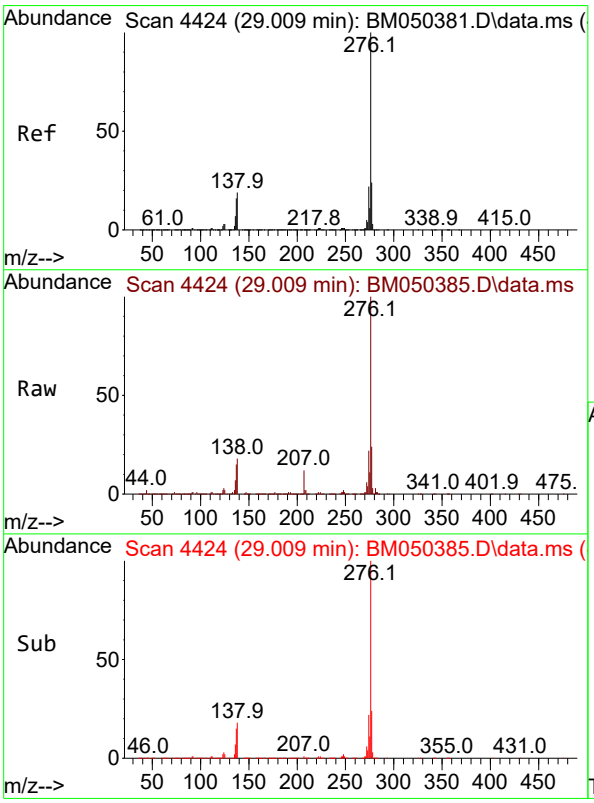
#91
Dibenzo(a,h)anthracene
Concen: 42.521 ng
RT: 28.003 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Tgt Ion:278 Resp: 4772470

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.8	16.2
279	23.4	19.4	29.0

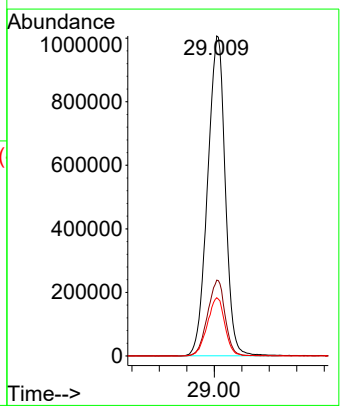




#92
Benzo(g,h,i)perylene
Concen: 42.197 ng
RT: 29.009 min Scan# 4424
Delta R.T. 0.000 min
Lab File: BM050385.D
Acq: 08 Jul 2025 18:05

Tgt Ion:276 Resp: 4476118

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	18.2	14.9	22.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
2		1,4-Dioxane	0.478	0.454	5.0	102	0.00
3		Pyridine	1.254	1.289	-2.8	109	0.00
4		n-Nitrosodimethylamine	0.585	0.597	-2.1	108	0.00
5	S	2-Fluorophenol	1.162	1.160	0.2	104	0.00
6		Aniline	1.880	2.000	-6.4	110	0.00
7	S	Phenol-d6	1.465	1.477	-0.8	104	0.00
8		2-Chlorophenol	1.225	1.315	-7.3	112	0.00
9		Benzaldehyde	0.871	0.988	-13.4	114	0.00
10	C	Phenol	1.528	1.608	-5.2	111	0.00
11		bis(2-Chloroethyl)ether	1.223	1.292	-5.6	112	0.00
12		1,3-Dichlorobenzene	1.490	1.559	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	1.521	1.582	-4.0	112	0.00
14		1,2-Dichlorobenzene	1.456	1.510	-3.7	111	0.00
15		Benzyl Alcohol	1.032	1.098	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.851	-2.7	110	0.00
17		2-Methylphenol	0.991	1.058	-6.8	111	0.00
18		Hexachloroethane	0.535	0.560	-4.7	112	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.980	-10.5	111	0.00
20		3+4-Methylphenols	1.330	1.406	-5.7	110	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22		Acetophenone	0.500	0.529	-5.8	112	0.00
23	S	Nitrobenzene-d5	0.392	0.358	8.7	95	0.00
24		Nitrobenzene	0.350	0.366	-4.6	110	0.00
25		Isophorone	0.636	0.682	-7.2	111	0.00
26	C	2-Nitrophenol	0.143	0.166	-16.1	117	0.00
27		2,4-Dimethylphenol	0.303	0.322	-6.3	112	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.441	-4.5	110	0.00
29	C	2,4-Dichlorophenol	0.312	0.336	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	0.373	0.392	-5.1	112	0.00
31		Naphthalene	1.016	1.048	-3.1	110	0.00
32		Benzoic acid	0.165	0.191	-15.8	121	0.00
33		4-Chloroaniline	0.429	0.455	-6.1	110	0.00
34	C	Hexachlorobutadiene	0.228	0.241	-5.7	113	0.00
35		Caprolactam	0.085	0.092	-8.2	110	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.315	-8.2	111	0.00
37		2-Methylnaphthalene	0.641	0.684	-6.7	112	0.00
38		1-Methylnaphthalene	0.679	0.718	-5.7	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.681	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.437	-7.4	115	0.00
42	S	2,4,6-Tribromophenol	0.243	0.255	-4.9	107	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.426	-9.0	113	0.00
44		2,4,5-Trichlorophenol	0.428	0.465	-8.6	113	0.00
45	S	2-Fluorobiphenyl	1.620	1.431	11.7	94	0.00
46		1,1'-Biphenyl	1.484	1.542	-3.9	112	0.00
47		2-Chloronaphthalene	1.183	1.221	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.294	-11.4	110	0.00
49		Acenaphthylene	1.788	1.876	-4.9	110	0.00
50		Dimethylphthalate	1.377	1.433	-4.1	111	0.00
51		2,6-Dinitrotoluene	0.264	0.293	-11.0	112	0.00
52	C	Acenaphthene	1.137	1.181	-3.9	111	0.00
53		3-Nitroaniline	0.281	0.315	-12.1	112	0.00
54	P	2,4-Dinitrophenol	0.121	0.132	-9.1	118	0.00
55		Dibenzofuran	1.751	1.790	-2.2	109	0.00
56	P	4-Nitrophenol	0.242	0.259	-7.0	110	0.00
57		2,4-Dinitrotoluene	0.350	0.401	-14.6	113	0.00
58		Fluorene	1.443	1.494	-3.5	110	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.389	-8.1	111	0.00
60		Diethylphthalate	1.315	1.368	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	0.754	0.798	-5.8	111	0.00
62		4-Nitroaniline	0.288	0.322	-11.8	108	0.00
63		Azobenzene	1.208	1.254	-3.8	108	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.105	-10.5	117	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.660	-5.4	110	0.00
67		4-Bromophenyl-phenylether	0.220	0.236	-7.3	112	0.00
68		Hexachlorobenzene	0.260	0.276	-6.2	111	0.00
69		Atrazine	0.206	0.227	-10.2	111	0.00
70	C	Pentachlorophenol	0.162	0.174	-7.4	112	0.00
71		Phenanthrene	1.132	1.171	-3.4	110	0.00
72		Anthracene	1.127	1.192	-5.8	110	0.00
73		Carbazole	1.019	1.065	-4.5	109	0.00
74		Di-n-butylphthalate	1.116	1.206	-8.1	109	0.00
75	C	Fluoranthene	1.230	1.306	-6.2	110	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.510	0.677	-32.7#	125	0.00
78		Pyrene	1.281	1.353	-5.6	109	0.00
79	S	Terphenyl-d14	1.137	1.125	1.1	91	0.00
80		Butylbenzylphthalate	0.422	0.477	-13.0	110	0.00
81		Benzo(a)anthracene	1.303	1.372	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	0.439	0.480	-9.3	114	0.00
83		Chrysene	1.229	1.288	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.746	-11.3	108	0.00
85	c	Di-n-octyl phthalate	1.050	1.149	-9.4	111	0.00
86	I	Perylene-d12	1.000	1.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	1.422	1.506	-5.9	108	0.00
88		Benzo(b)fluoranthene	1.230	1.309	-6.4	108	0.00
89		Benzo(k)fluoranthene	1.276	1.337	-4.8	108	0.00
90	C	Benzo(a)pyrene	1.152	1.236	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	1.198	1.273	-6.3	109	0.00
92		Benzo(g,h,i)perylene	1.132	1.194	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	104	0.00
2		1,4-Dioxane	40.000	37.994	5.0	102	0.00
3		Pyridine	40.000	41.118	-2.8	109	0.00
4		n-Nitrosodimethylamine	40.000	40.835	-2.1	108	0.00
5	S	2-Fluorophenol	80.000	79.859	0.2	104	0.00
6		Aniline	40.000	42.568	-6.4	110	0.00
7	S	Phenol-d6	80.000	80.660	-0.8	104	0.00
8		2-Chlorophenol	40.000	42.935	-7.3	112	0.00
9		Benzaldehyde	40.000	45.376	-13.4	114	0.00
10	C	Phenol	40.000	42.114	-5.3	111	0.00
11		bis(2-Chloroethyl)ether	40.000	42.240	-5.6	112	0.00
12		1,3-Dichlorobenzene	40.000	41.848	-4.6	112	0.00
13	C	1,4-Dichlorobenzene	40.000	41.609	-4.0	112	0.00
14		1,2-Dichlorobenzene	40.000	41.478	-3.7	111	0.00
15		Benzyl Alcohol	40.000	42.555	-6.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.095	-2.7	110	0.00
17		2-Methylphenol	40.000	42.726	-6.8	111	0.00
18		Hexachloroethane	40.000	41.906	-4.8	112	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	44.168	-10.4	111	0.00
20		3+4-Methylphenols	40.000	42.276	-5.7	110	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22		Acetophenone	40.000	42.290	-5.7	112	0.00
23	S	Nitrobenzene-d5	80.000	73.139	8.6	95	0.00
24		Nitrobenzene	40.000	41.860	-4.6	110	0.00
25		Isophorone	40.000	42.909	-7.3	111	0.00
26	C	2-Nitrophenol	40.000	46.488	-16.2	117	0.00
27		2,4-Dimethylphenol	40.000	42.470	-6.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.880	-4.7	110	0.00
29	C	2,4-Dichlorophenol	40.000	43.061	-7.7	112	0.00
30		1,2,4-Trichlorobenzene	40.000	42.001	-5.0	112	0.00
31		Naphthalene	40.000	41.281	-3.2	110	0.00
32		Benzoic acid	40.000	41.913	-4.8	121	0.00
33		4-Chloroaniline	40.000	42.424	-6.1	110	0.00
34	C	Hexachlorobutadiene	40.000	42.386	-6.0	113	0.00
35		Caprolactam	40.000	43.156	-7.9	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	43.312	-8.3	111	0.00
37		2-Methylnaphthalene	40.000	42.637	-6.6	112	0.00
38		1-Methylnaphthalene	40.000	42.292	-5.7	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.859	-7.1	114	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.015	-7.5	115	0.00
42	S	2,4,6-Tribromophenol	80.000	83.788	-4.7	107	0.00
43	C	2,4,6-Trichlorophenol	40.000	43.485	-8.7	113	0.00
44		2,4,5-Trichlorophenol	40.000	43.542	-8.9	113	0.00
45	S	2-Fluorobiphenyl	80.000	70.689	11.6	94	0.00
46		1,1'-Biphenyl	40.000	41.557	-3.9	112	0.00
47		2-Chloronaphthalene	40.000	41.272	-3.2	111	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	44.497	-11.2	110	0.00
49		Acenaphthylene	40.000	41.972	-4.9	110	0.00
50		Dimethylphthalate	40.000	41.635	-4.1	111	0.00
51		2,6-Dinitrotoluene	40.000	44.405	-11.0	112	0.00
52	C	Acenaphthene	40.000	41.562	-3.9	111	0.00
53		3-Nitroaniline	40.000	44.871	-12.2	112	0.00
54	P	2,4-Dinitrophenol	40.000	39.797	0.5	118	0.00
55		Dibenzofuran	40.000	40.877	-2.2	109	0.00
56	P	4-Nitrophenol	40.000	42.822	-7.1	110	0.00
57		2,4-Dinitrotoluene	40.000	40.905	-2.3	113	0.00
58		Fluorene	40.000	41.425	-3.6	110	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	43.229	-8.1	111	0.00
60		Diethylphthalate	40.000	41.609	-4.0	109	0.00
61		4-Chlorophenyl-phenylether	40.000	42.288	-5.7	111	0.00
62		4-Nitroaniline	40.000	40.288	-0.7	108	0.00
63		Azobenzene	40.000	41.531	-3.8	108	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	104	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.334	-0.8	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	42.198	-5.5	110	0.00
67		4-Bromophenyl-phenylether	40.000	42.755	-6.9	112	0.00
68		Hexachlorobenzene	40.000	42.380	-6.0	111	0.00
69		Atrazine	40.000	44.212	-10.5	111	0.00
70	C	Pentachlorophenol	40.000	43.075	-7.7	112	0.00
71		Phenanthrene	40.000	41.373	-3.4	110	0.00
72		Anthracene	40.000	42.316	-5.8	110	0.00
73		Carbazole	40.000	41.806	-4.5	109	0.00
74		Di-n-butylphthalate	40.000	43.247	-8.1	109	0.00
75	C	Fluoranthene	40.000	42.474	-6.2	110	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	53.050	-32.6#	125	0.00
78		Pyrene	40.000	42.257	-5.6	109	0.00
79	S	Terphenyl-d14	80.000	79.145	1.1	91	0.00
80		Butylbenzylphthalate	40.000	45.139	-12.8	110	0.00
81		Benzo(a)anthracene	40.000	42.109	-5.3	109	0.00
82		3,3'-Dichlorobenzidine	40.000	43.733	-9.3	114	0.00
83		Chrysene	40.000	41.924	-4.8	109	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	44.481	-11.2	108	0.00
85	c	Di-n-octyl phthalate	40.000	43.760	-9.4	111	0.00
86	I	Perylene-d12	20.000	20.000	0.0	102	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.377	-5.9	108	0.00
88		Benzo(b)fluoranthene	40.000	42.558	-6.4	108	0.00
89		Benzo(k)fluoranthene	40.000	41.883	-4.7	108	0.00
90	C	Benzo(a)pyrene	40.000	42.933	-7.3	109	0.00
91		Dibenzo(a,h)anthracene	40.000	42.521	-6.3	109	0.00
92		Benzo(g,h,i)perylene	40.000	42.197	-5.5	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050385.D
Acq On : 08 Jul 2025 18:05
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM070925

Quant Time: Jul 09 01:17:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.129	3.3
Benzaldehyde			0.903	0.894	0.724	0.684	0.769	15.8
Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.473	3.3
Phenol		1.473	1.461	1.551	1.472	1.485	1.497	2.4
bis(2-Chloroethyl)ether		1.187	1.139	1.200	1.122	1.129	1.152	2.9
2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.263	2.8
2-Methylphenol		0.887	0.908	1.007	0.969	0.974	0.964	5.1
2,2-oxybis(1-Chloropropane)		1.587	1.520	1.570	1.433	1.462	1.498	4.4
Acetophenone		0.480	0.481	0.502	0.465	0.456	0.473	3.9
3+4-Methylphenols			1.246	1.383	1.334	1.341	1.350	4.5
n-Nitroso-di-n-propylamine	0.815	0.862	0.854	0.938	0.865	0.871	0.874	4.3
Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.301	6.8
Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.466	3.0
Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.306	5.1
Isophorone		0.525	0.534	0.587	0.558	0.571	0.562	4.7
2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.128	23.5
2,4-Dimethylphenol		0.199	0.195	0.218	0.208	0.213	0.210	4.8
bis(2-Chloroethoxy)methane		0.378	0.371	0.401	0.374	0.379	0.382	3.2
2,4-Dichlorophenol		0.242	0.263	0.298	0.299	0.304	0.291	9.5
Naphthalene		1.057	1.030	1.081	1.011	1.005	1.030	3.5
4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.384	4.6
Hexachlorobutadiene		0.187	0.180	0.188	0.182	0.184	0.185	2.3
Caprolactam			0.087	0.101	0.101	0.098	0.099	7.2
4-Chloro-3-methylphenol		0.259	0.279	0.321	0.309	0.309	0.304	8.3
2-Methylnaphthalene		0.724	0.711	0.766	0.718	0.715	0.727	3.0
Hexachlorocyclopentadiene			0.120	0.135	0.149	0.162	0.150	13.1
2,4,6-Trichlorophenol		0.271	0.295	0.355	0.370	0.368	0.348	13.5
2-Fluorobiphenyl		1.338	1.310	1.361	1.279	1.260	1.291	4.7
2,4,5-Trichlorophenol		0.326	0.349	0.406	0.411	0.412	0.394	10.4
1,1-Biphenyl		1.482	1.436	1.510	1.454	1.435	1.455	3.0
2-Chloronaphthalene		1.097	1.089	1.141	1.091	1.069	1.094	2.8
2-Nitroaniline		0.157	0.185	0.235	0.259	0.259	0.237	20.5
Dimethylphthalate		1.364	1.376	1.469	1.408	1.365	1.400	4.0
Acenaphthylene		1.582	1.622	1.771	1.701	1.660	1.674	4.4

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

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.

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Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_P Calibration Date(s): 07/03/2025 07/03/2025

Calibration Time(s): 09:39 14:31

LAB FILE ID: RRF2.5 = BP025071.D RRF005 = BP025072.D RRF010 = BP025073.D
RRF020 = BP025074.D RRF040 = BP025075.D RRF050 = BP025076.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.840	0.921	1.098	1.097	1.126	1.053	11.7
Benzo(g,h,i)perylene		0.915	0.967	1.126	1.127	1.142	1.088	9.6
1,2,4,5-Tetrachlorobenzene		0.554	0.549	0.584	0.580	0.578	0.575	3.6
1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.439	5.0
2,3,4,6-Tetrachlorophenol		0.305	0.318	0.370	0.370	0.363	0.357	9.3

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025071.D 5 =BP025072.D 10 =BP025073.D 20 =BP025074.D 40 =BP025075.D 50 =BP025076.D 60 =BP025077.D 80 =BP0250
78.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.470	0.452	0.457	0.435	0.420	0.428	0.409	0.439	4.99
3)		Pyridine		1.176	1.153	1.243	1.228	1.171	1.239	1.203	1.202	3.00
4)		n-Nitrosodimet...			0.500	0.531	0.506	0.493	0.522	0.500	0.509	2.85
5)	S	2-Fluorophenol		1.070	1.098	1.179	1.134	1.127	1.168	1.127	1.129	3.33
6)		Aniline		1.334	1.324	1.430	1.388	1.371	1.428	1.359	1.376	3.05
7)	S	Phenol-d6		1.428	1.407	1.520	1.458	1.472	1.543	1.482	1.473	3.26
8)		2-Chlorophenol		1.254	1.207	1.320	1.256	1.250	1.294	1.259	1.263	2.83
9)		Benzaldehyde			0.903	0.894	0.724	0.684	0.641		0.769	15.84
10)	C	Phenol		1.473	1.461	1.551	1.472	1.485	1.540	1.493	1.497	2.36
11)		bis(2-Chloroet...		1.187	1.139	1.200	1.122	1.129	1.172	1.115	1.152	2.95
12)		1,3-Dichlorobe...		1.461	1.434	1.485	1.379	1.366	1.413	1.356	1.413	3.48
13)	C	1,4-Dichlorobe...		1.500	1.432	1.505	1.399	1.384	1.424	1.374	1.431	3.70
14)		1,2-Dichlorobe...		1.454	1.388	1.445	1.349	1.329	1.368	1.303	1.377	4.12
15)		Benzyl Alcohol			0.887	0.991	0.957	0.990	1.058	1.015	0.983	5.86
16)		2,2'-oxybis(1-...		1.587	1.520	1.570	1.433	1.462	1.497	1.415	1.498	4.40
17)		2-Methylphenol		0.887	0.908	1.007	0.969	0.974	1.021	0.983	0.964	5.11
18)		Hexachloroethane		0.476	0.441	0.480	0.460	0.463	0.481	0.462	0.466	3.04
19)	P	n-Nitroso-di-n...	0.815	0.862	0.854	0.938	0.865	0.871	0.912	0.872	0.874	4.26
20)		3+4-Methylphenols			1.246	1.383	1.334	1.341	1.428	1.370	1.350	4.55
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.480	0.481	0.502	0.465	0.456	0.480	0.447	0.473	3.88
23)	S	Nitrobenzene-d5		0.267	0.277	0.314	0.307	0.308	0.323	0.308	0.301	6.84
24)		Nitrobenzene		0.280	0.293	0.319	0.310	0.307	0.327	0.308	0.306	5.13
25)		Isophorone		0.525	0.534	0.587	0.558	0.571	0.597	0.561	0.562	4.67
26)	C	2-Nitrophenol		0.086	0.093	0.117	0.133	0.146	0.160	0.159	0.128	23.51
27)		2,4-Dimethylph...		0.199	0.195	0.218	0.208	0.213	0.224	0.210	0.210	4.79
28)		bis(2-Chloroet...		0.378	0.371	0.401	0.374	0.379	0.397	0.371	0.382	3.25
29)	C	2,4-Dichloroph...		0.242	0.263	0.298	0.299	0.304	0.321	0.306	0.291	9.48
30)		1,2,4-Trichlor...		0.319	0.319	0.331	0.319	0.316	0.335	0.314	0.322	2.53
31)		Naphthalene		1.057	1.030	1.081	1.011	1.005	1.049	0.975	1.030	3.47
32)		Benzoic acid			0.115	0.152	0.186	0.199	0.225	0.231	0.185	24.07
33)		4-Chloroaniline		0.358	0.370	0.399	0.390	0.381	0.411	0.381	0.384	4.58
34)	C	Hexachlorobuta...		0.187	0.180	0.188	0.182	0.184	0.191	0.180	0.185	2.31
35)		Caprolactam			0.087	0.101	0.101	0.098	0.108	0.102	0.099	7.23
36)	C	4-Chloro-3-met...		0.259	0.279	0.321	0.309	0.309	0.332	0.316	0.304	8.35
37)		2-Methylnaphth...		0.724	0.711	0.766	0.718	0.715	0.747	0.706	0.727	2.99
38)		1-Methylnaphth...		0.707	0.704	0.753	0.692	0.691	0.736	0.678	0.709	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.554	0.549	0.584	0.580	0.578	0.610	0.568	0.575	3.56
41)	P	Hexachlorocycl...		0.120	0.135	0.149	0.162	0.171	0.164	0.150	13.13
42)	S	2,4,6-Tribromo...	0.194	0.214	0.240	0.246	0.244	0.266	0.249	0.236	10.22
43)	C	2,4,6-Trichlor...	0.271	0.295	0.355	0.370	0.368	0.399	0.379	0.348	13.51
44)		2,4,5-Trichlor...	0.326	0.349	0.406	0.411	0.412	0.441	0.416	0.394	10.41
45)	S	2-Fluorobiphenyl	1.338	1.310	1.361	1.279	1.260	1.311	1.177	1.291	4.70
46)		1,1'-Biphenyl	1.482	1.436	1.510	1.454	1.435	1.490	1.380	1.455	2.99
47)		2-Chloronaphth...	1.097	1.089	1.141	1.091	1.069	1.121	1.048	1.094	2.83
48)		2-Nitroaniline	0.157	0.185	0.235	0.259	0.259	0.289	0.273	0.237	20.49
49)		Acenaphthylene	1.582	1.622	1.771	1.701	1.660	1.761	1.620	1.674	4.36
50)		Dimethylphthalate	1.364	1.376	1.469	1.408	1.365	1.482	1.337	1.400	3.99
51)		2,6-Dinitrotol...	0.199	0.238	0.281	0.295	0.291	0.313	0.294	0.273	14.58
52)	C	Acenaphthene	1.085	1.074	1.142	1.066	1.047	1.111	1.027	1.079	3.59
53)		3-Nitroaniline	0.204	0.248	0.297	0.321	0.310	0.345	0.323	0.293	16.81
54)	P	2,4-Dinitrophenol		0.077	0.098	0.117	0.120	0.137	0.137	0.114	20.49
55)		Dibenzofuran	1.829	1.814	1.866	1.768	1.720	1.813	1.655	1.781	4.07
56)	P	4-Nitrophenol		0.212	0.260	0.285	0.274	0.301	0.289	0.270	11.73
57)		2,4-Dinitrotol...	0.231	0.285	0.364	0.392	0.387	0.430	0.406	0.356	20.13
58)		Fluorene	1.382	1.384	1.467	1.393	1.335	1.403	1.278	1.377	4.27
59)		2,3,4,6-Tetrac...	0.305	0.318	0.370	0.370	0.363	0.397	0.377	0.357	9.32
60)		Diethylphthalate	1.368	1.376	1.468	1.429	1.366	1.477	1.358	1.406	3.64
61)		4-Chlorophenyl...	0.711	0.687	0.710	0.679	0.659	0.700	0.626	0.682	4.47
62)		4-Nitroaniline	0.221	0.267	0.321	0.342	0.319	0.354	0.324	0.307	15.26
63)		Azobenzene	1.251	1.275	1.328	1.265	1.211	1.265	1.171	1.252	3.98
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.054	0.069	0.081	0.089	0.097	0.098	0.082	21.25
66)	c	n-Nitrosodiphe...	0.557	0.548	0.597	0.573	0.574	0.592	0.565	0.572	3.11
67)		4-Bromophenyl-...	0.191	0.190	0.213	0.205	0.208	0.214	0.213	0.205	5.14
68)		Hexachlorobenzene	0.255	0.240	0.255	0.247	0.248	0.257	0.249	0.250	2.28
69)		Atrazine	0.155	0.167	0.183	0.172	0.171	0.172	0.154	0.168	6.10
70)	C	Pentachlorophenol		0.131	0.163	0.172	0.178	0.186	0.184	0.169	12.03
71)		Phenanthrene	1.102	1.084	1.104	1.068	1.030	1.082	1.011	1.069	3.34
72)		Anthracene	0.998	0.996	1.092	1.036	1.021	1.062	0.971	1.025	4.10
73)		Carbazole	0.954	0.994	1.057	1.029	0.990	1.017	0.976	1.002	3.45
74)		Di-n-butylphth...	0.929	0.994	1.147	1.187	1.177	1.228	1.152	1.116	9.89
75)	C	Fluoranthene	1.170	1.222	1.330	1.290	1.249	1.268	1.215	1.249	4.22
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.177	0.354	0.571	0.420	0.288	0.310	0.353	37.82
78)		Pyrene	1.177	1.184	1.288	1.231	1.251	1.302	1.238	1.239	3.81
79)	S	Terphenyl-d14	0.943	0.919	0.978	0.914	0.915	0.936	0.764	0.910	7.50
80)		Butylbenzylpht...	0.228	0.276	0.377	0.440	0.471	0.519	0.499	0.402	28.01
81)		Benzo(a)anthra...	1.146	1.175	1.293	1.217	1.207	1.258	1.189	1.212	4.11
82)		3,3'-Dichlorob...		0.249	0.340	0.390	0.399	0.414	0.397	0.365	16.97
83)		Chrysene	1.169	1.147	1.223	1.159	1.157	1.191	1.118	1.166	2.88
84)		Bis(2-ethylhex...	0.460	0.520	0.646	0.703	0.737	0.764	0.720	0.650	17.89
85)	c	Di-n-octyl pht...		0.609	0.876	1.094	1.206	1.292	1.248	1.054	25.04

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP070325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.003	1.101	1.318	1.331	1.366	1.433	1.366	1.274	12.44
88)		Benzo(b)fluora...	1.029	1.063	1.215	1.201	1.188	1.266	1.187	1.164	7.36
89)		Benzo(k)fluora...	1.070	1.129	1.249	1.153	1.157	1.218	1.133	1.158	5.11
90)	C	Benzo(a)pyrene	0.817	0.868	1.035	1.033	1.035	1.108	1.040	0.991	10.70
91)		Dibenzo(a,h)an...	0.840	0.921	1.098	1.097	1.126	1.172	1.118	1.053	11.66
92)		Benzo(g,h,i)pe...	0.915	0.967	1.126	1.127	1.142	1.197	1.142	1.088	9.58

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	360375	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1444138	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	947160	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1996879	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2099311	20.000	ng	0.00
86) Perylene-d12	24.465	264	2125718	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.231	70	36693	2.331	ng	91

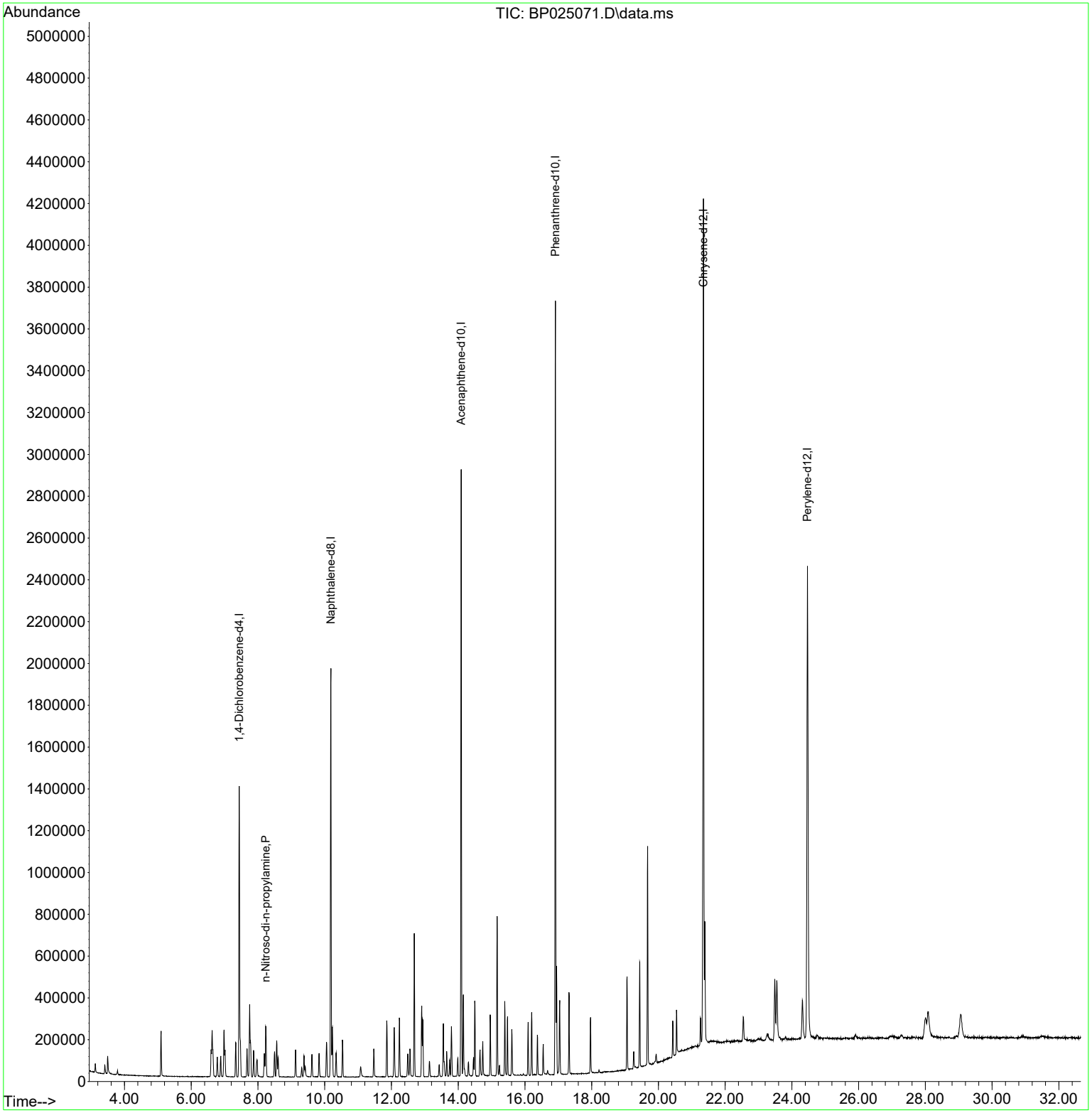
(#) = qualifier out of range (m) = manual integration (+) = signals summed

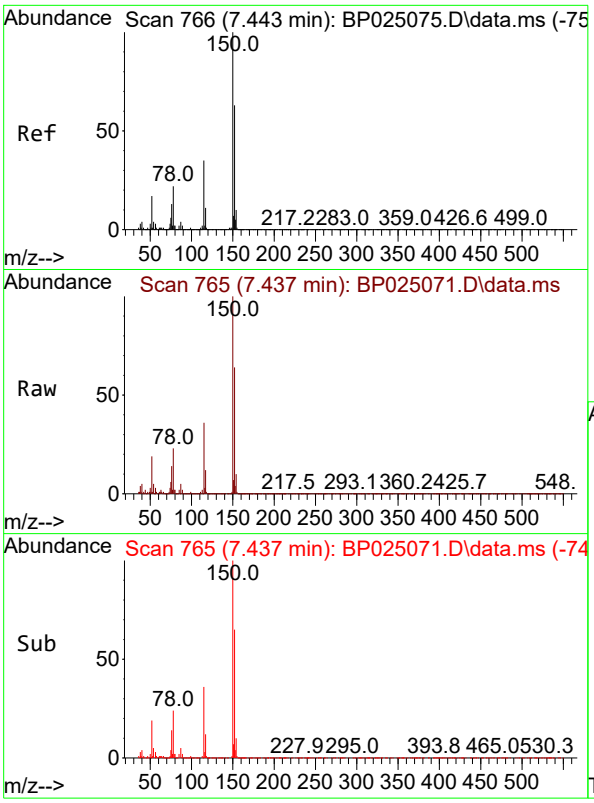
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025071.D
Acq On : 03 Jul 2025 09:39
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Jul 03 15:48:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



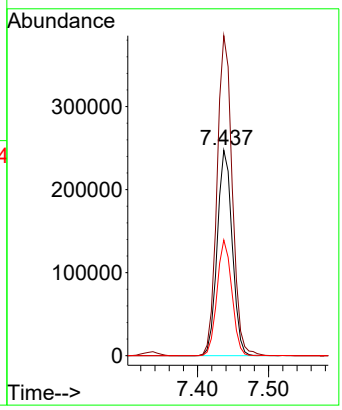


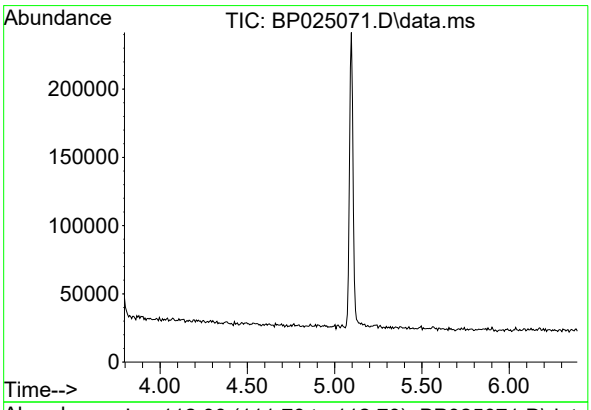
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 360375

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.1	189.1
115	56.3	44.3	66.5



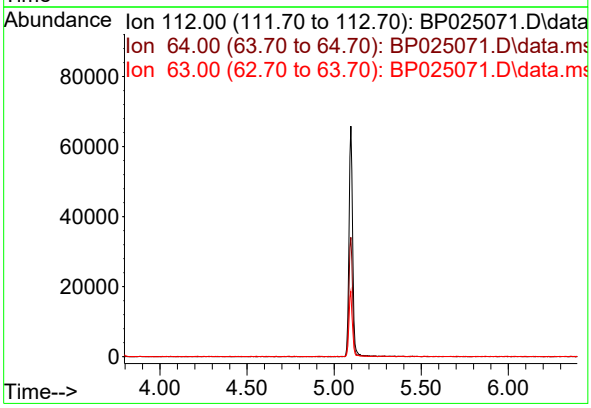


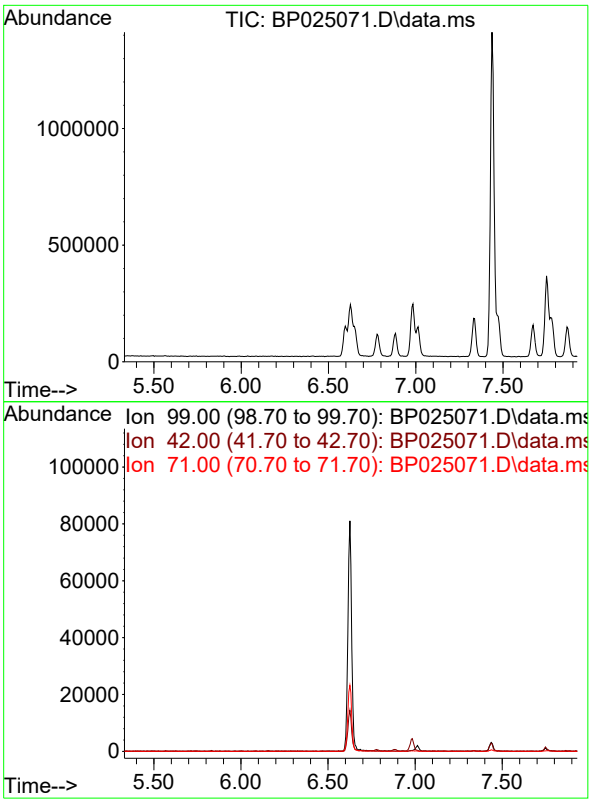
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.10 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	52.5
63	27.7





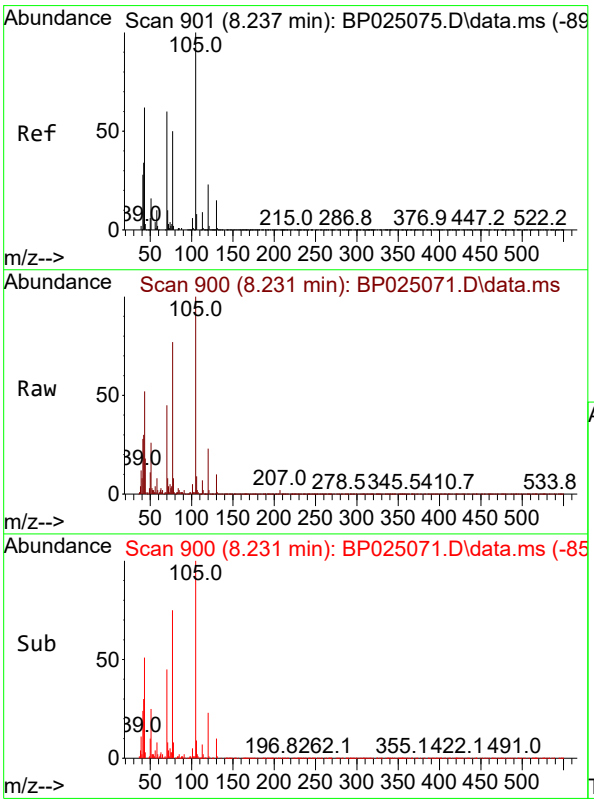
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.63 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

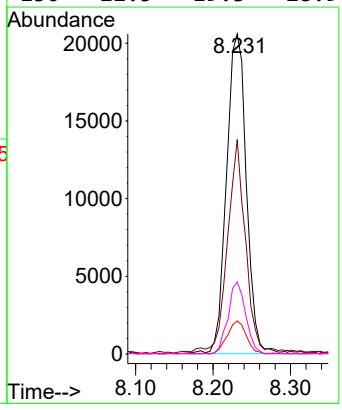
Sig	Exp Ratio
99	100
42	17.0
71	30.5

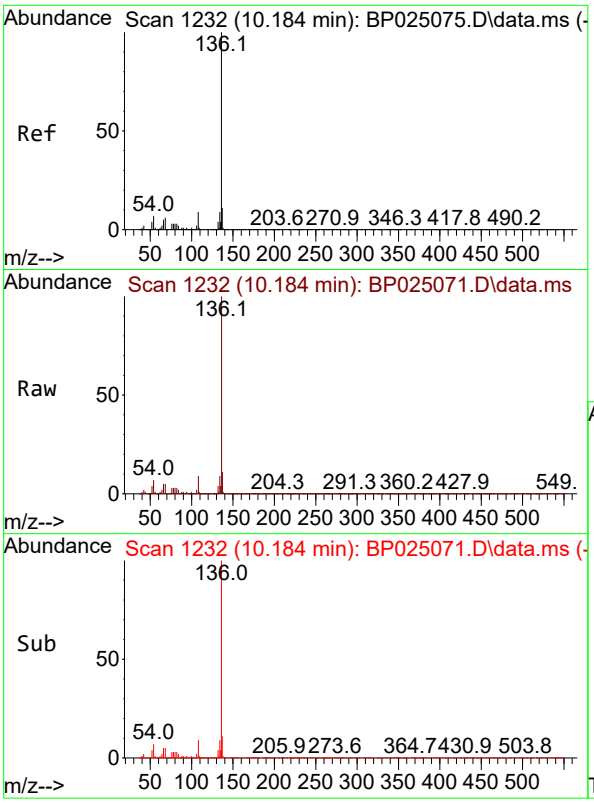


#19
n-Nitroso-di-n-propylamine
Concen: 2.331 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 70 Resp: 36693

Ion	Ratio	Lower	Upper
70	100		
42	67.0	46.5	69.7
101	10.3	7.9	11.9
130	22.5	19.3	28.9



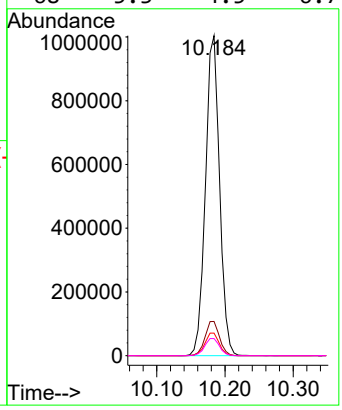


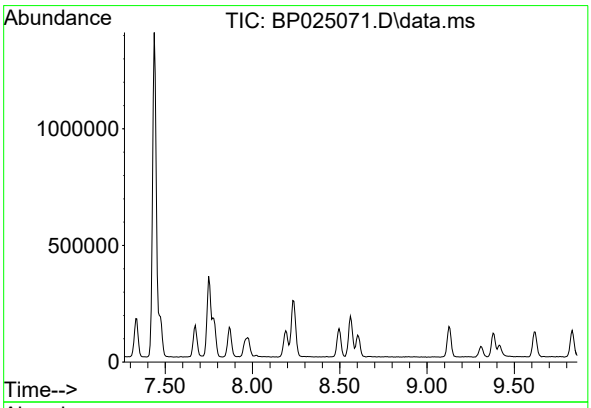
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 1444138

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.4	8.2
68	5.3	4.5	6.7



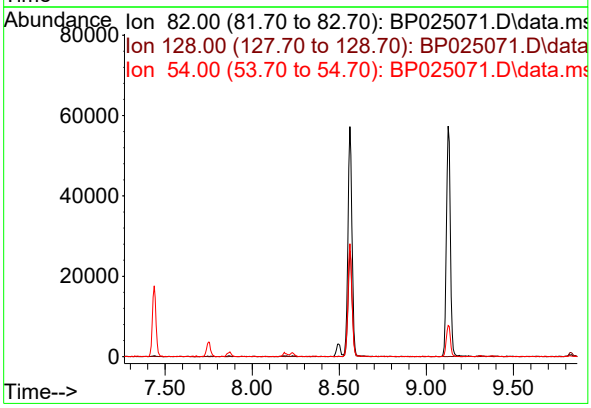


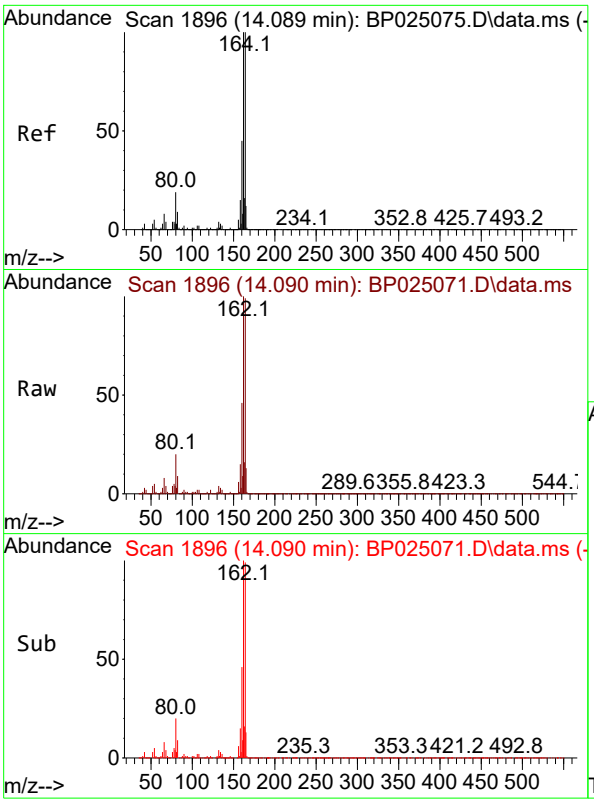
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.57 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	48.0
54	47.2



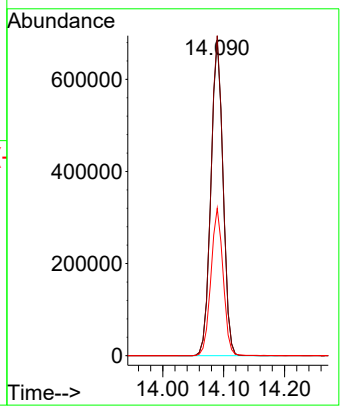


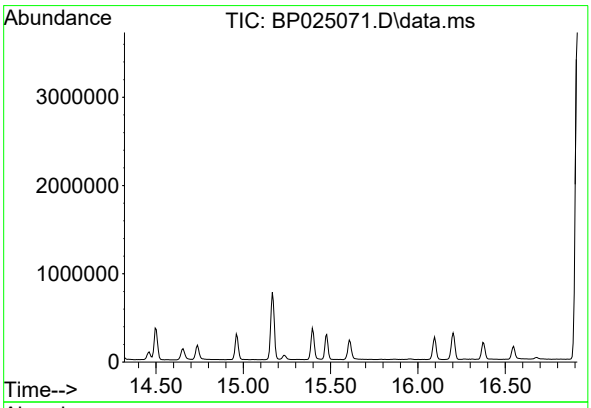
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 947160

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.3	120.5
160	46.7	35.9	53.9



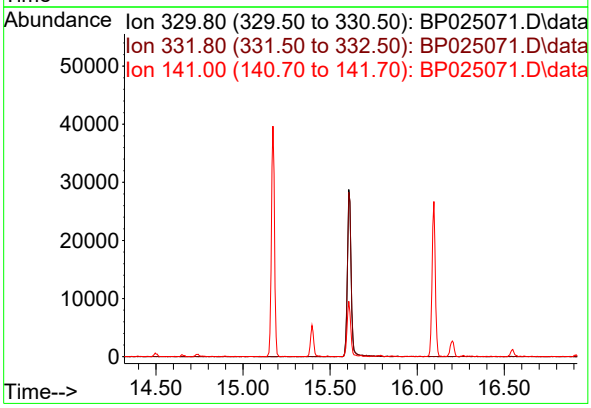


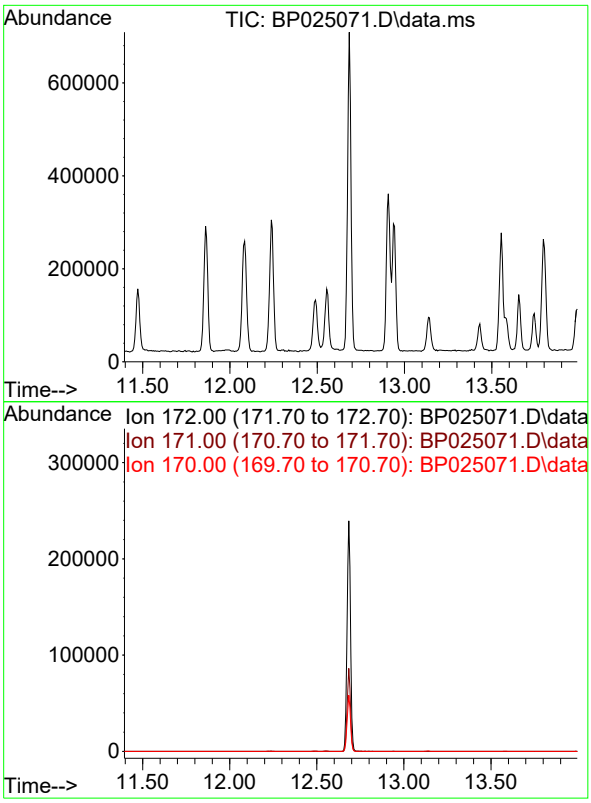
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.62 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.1
141	32.5





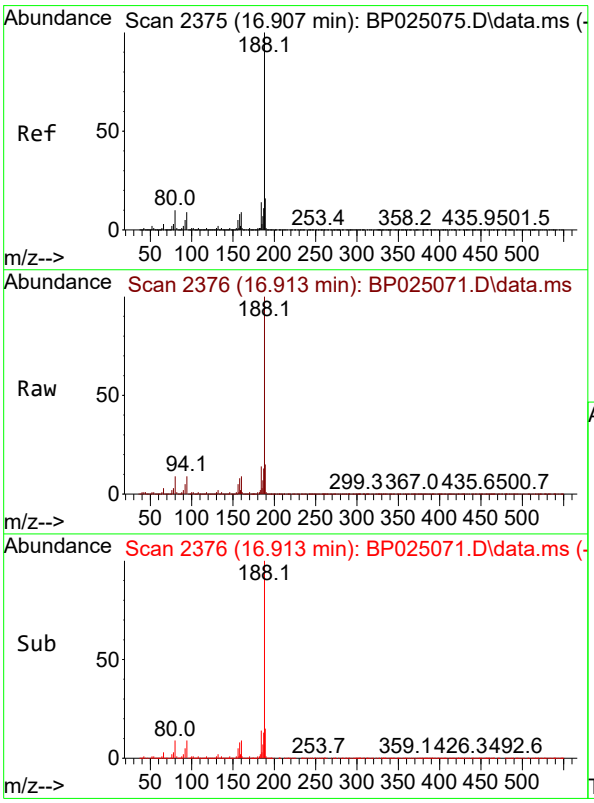
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.70 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

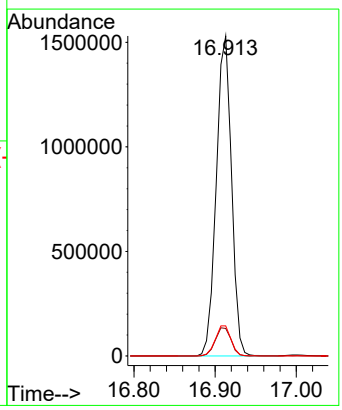
Sig	Exp Ratio
172	100
171	35.2
170	23.4

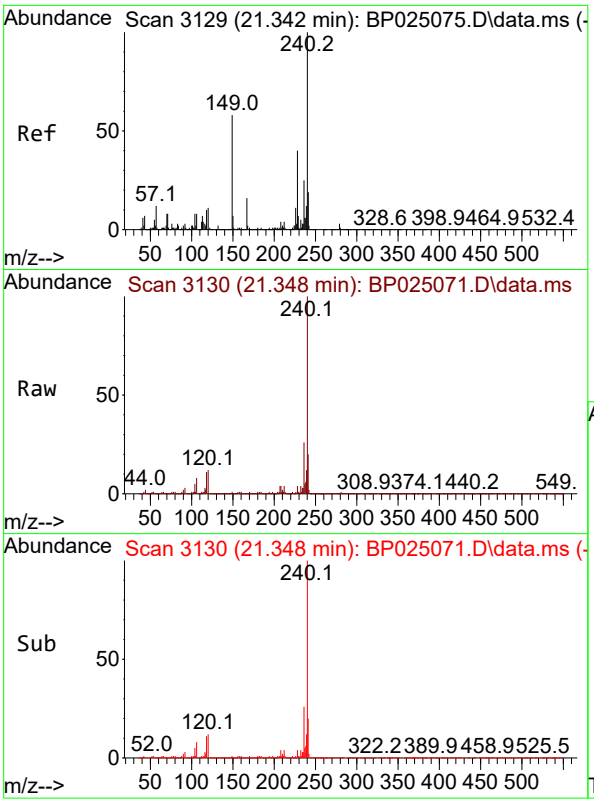


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion:188 Resp: 1996879

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.3	10.9
80	9.4	7.8	11.6



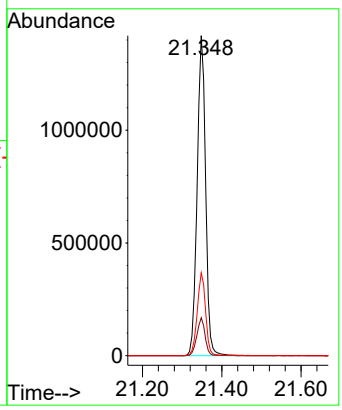


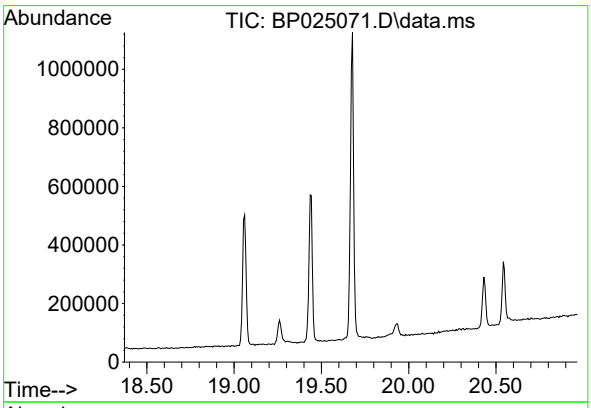
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 2099311

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.0	13.4
236	25.9	20.3	30.5



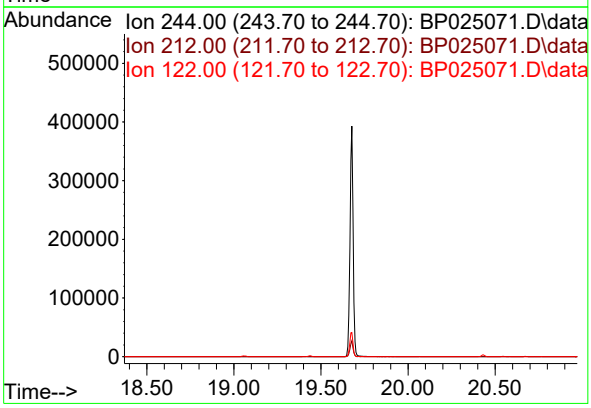


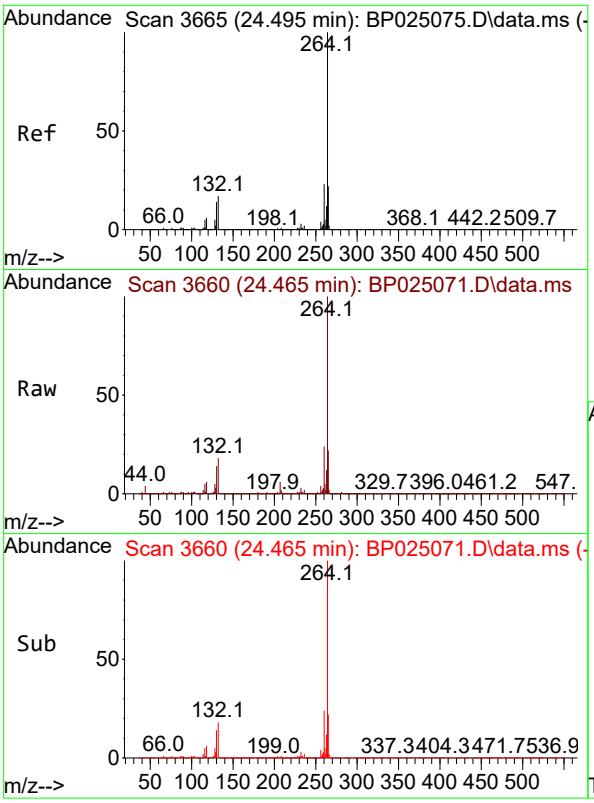
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.67 min

Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.4
122	11.8



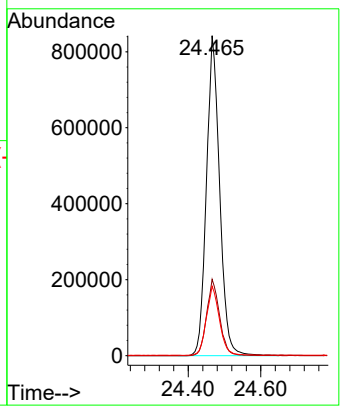


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3
Delta R.T. -0.029 min
Lab File: BP025071.D
Acq: 03 Jul 2025 09:39

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 2125718

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.7	17.7	26.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	354349	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1455964	20.000	ng		0.00
39) Acenaphthene-d10	14.095	164	982759	20.000	ng		0.00
64) Phenanthrene-d10	16.907	188	1998531	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2143770	20.000	ng		0.00
86) Perylene-d12	24.495	264	2178150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	189521	9.477	ng		0.00
7) Phenol-d6	6.631	99	252937	9.692	ng		0.00
23) Nitrobenzene-d5	8.566	82	194218	8.871	ng		0.00
42) 2,4,6-Tribromophenol	15.625	330	95353	8.213	ng		0.00
45) 2-Fluorobiphenyl	12.695	172	657518	10.365	ng		0.00
79) Terphenyl-d14	19.683	244	1010825	10.363	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	41667	5.358	ng		98
3) Pyridine	3.496	79	104170	4.896	ng		97
6) Aniline	6.784	93	118174	4.846	ng		99
8) 2-Chlorophenol	7.019	128	111121	4.966	ng		99
10) Phenol	6.655	94	130527	4.922	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	105128	5.151	ng		98
12) 1,3-Dichlorobenzene	7.337	146	129394	5.167	ng		98
13) 1,4-Dichlorobenzene	7.478	146	132919	5.242	ng		99
14) 1,2-Dichlorobenzene	7.784	146	128817	5.282	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.978	45	140624	5.299	ng		97
17) 2-Methylphenol	7.878	107	78577	4.600	ng		96
18) Hexachloroethane	8.501	117	42157	5.104	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	76382	4.935	ng		96
22) Acetophenone	8.243	105	174562	5.070	ng	#	98
24) Nitrobenzene	8.607	77	102014	4.575	ng		97
25) Isophorone	9.137	82	190993	4.668	ng		98
26) 2-Nitrophenol	9.319	139	31408	6.004	ng		98
27) 2,4-Dimethylphenol	9.384	122	72542	4.753	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	137622	4.954	ng		97
29) 2,4-Dichlorophenol	9.837	162	88262	4.171	ng		98
30) 1,2,4-Trichlorobenzene	10.060	180	116080	4.953	ng		94
31) Naphthalene	10.237	128	384889	5.134	ng		100
33) 4-Chloroaniline	10.348	127	130394	4.661	ng		99
34) Hexachlorobutadiene	10.543	225	67982	5.055	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	94437	4.270	ng		98
37) 2-Methylnaphthalene	11.866	142	263643	4.984	ng		100
38) 1-Methylnaphthalene	12.090	142	257270	4.987	ng		98
40) 1,2,4,5-Tetrachloroben...	12.242	216	136193	4.822	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	66524	3.890	ng		96
44) 2,4,5-Trichlorophenol	12.560	196	80137	4.135	ng		96
46) 1,1'-Biphenyl	12.907	154	364077	5.092	ng		99
47) 2-Chloronaphthalene	12.942	162	269579	5.016	ng		97
48) 2-Nitroaniline	13.142	65	38515	5.521	ng		94
49) Acenaphthylene	13.807	152	388781	4.726	ng		100
50) Dimethylphthalate	13.554	163	335065	4.871	ng		99
51) 2,6-Dinitrotoluene	13.654	165	48991	3.651	ng		88

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.166	154	266690m	5.030	ng		
53) 3-Nitroaniline	13.984	138	50202	3.491	ng	#	87
55) Dibenzofuran	14.507	168	449302	5.135	ng		100
57) 2,4-Dinitrotoluene	14.466	165	56730	5.360	ng	#	97
58) Fluorene	15.166	166	339444	5.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	74947	4.270	ng		97
60) Diethylphthalate	14.960	149	336119	4.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	174567	5.212	ng		97
62) 4-Nitroaniline	15.172	138	54190	3.594	ng		90
63) Azobenzene	15.472	77	307304	4.995	ng		96
66) n-Nitrosodiphenylamine	15.389	169	278113	4.863	ng		98
67) 4-Bromophenyl-phenylether	16.095	248	95310	4.658	ng		93
68) Hexachlorobenzene	16.195	284	127389	5.093	ng		94
69) Atrazine	16.389	200	77424	4.620	ng		99
71) Phenanthrene	16.948	178	550598	5.156	ng		99
72) Anthracene	17.054	178	498692	4.868	ng		99
73) Carbazole	17.330	167	476619	4.758	ng		99
74) Di-n-butylphthalate	17.966	149	464272	4.162	ng		99
75) Fluoranthene	19.054	202	584660	4.684	ng		99
78) Pyrene	19.430	202	630754	4.750	ng		98
80) Butylbenzylphthalate	20.442	149	122350	5.890	ng		93
81) Benzo(a)anthracene	21.330	228	614350	4.729	ng		99
83) Chrysene	21.395	228	626717	5.013	ng		98
84) Bis(2-ethylhexyl)phtha...	21.342	149	246749	3.541	ng		99
87) Indeno(1,2,3-cd)pyrene	28.024	276	546143m	3.935	ng		
88) Benzo(b)fluoranthene	23.507	252	560057	4.418	ng		98
89) Benzo(k)fluoranthene	23.571	252	582662	4.619	ng		99
90) Benzo(a)pyrene	24.354	252	444644	4.121	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	457436	3.988	ng		99
92) Benzo(g,h,i)perylene	29.112	276	498456	4.207	ng		98

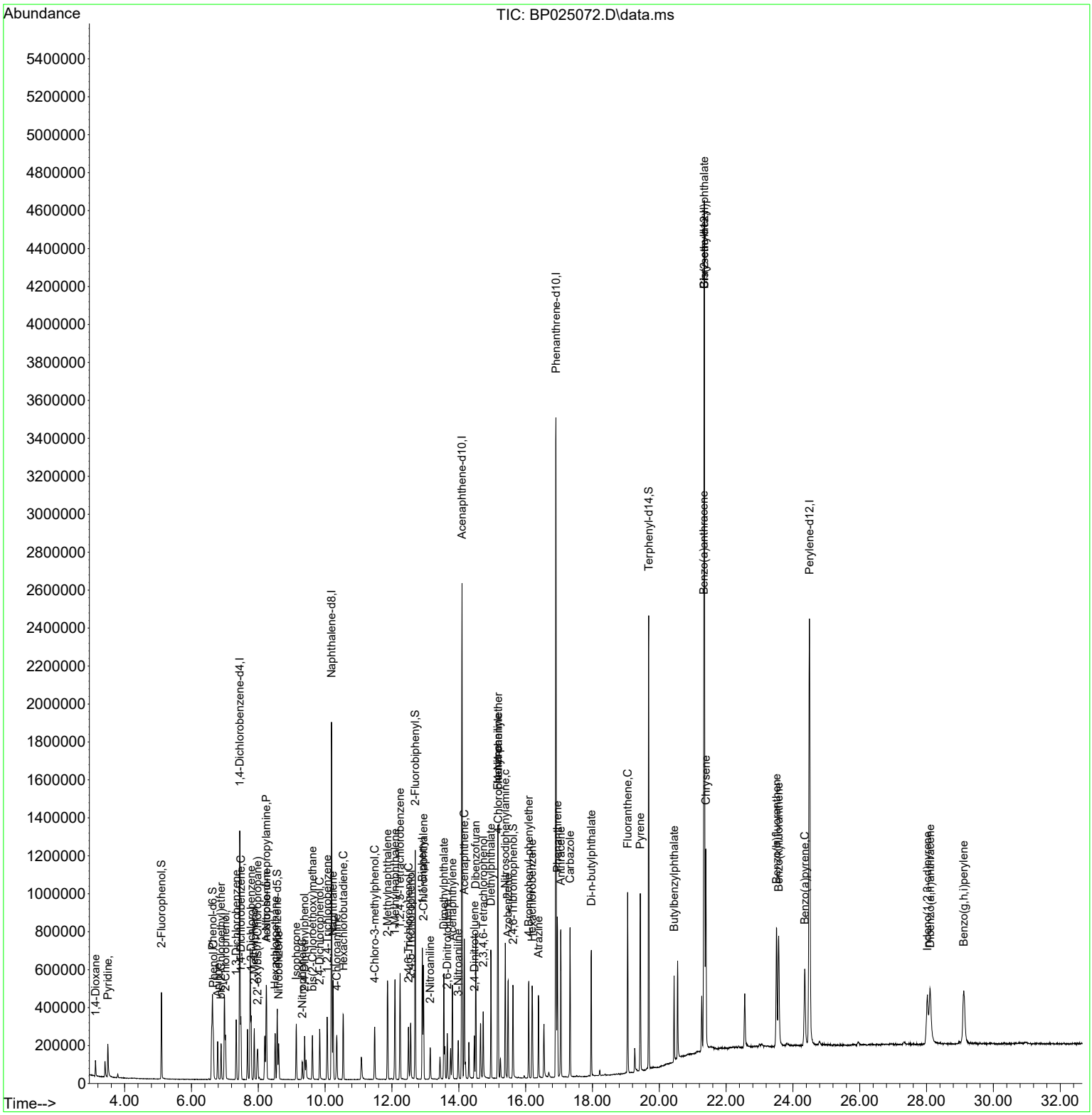
(#) = qualifier out of range (m) = manual integration (+) = signals summed

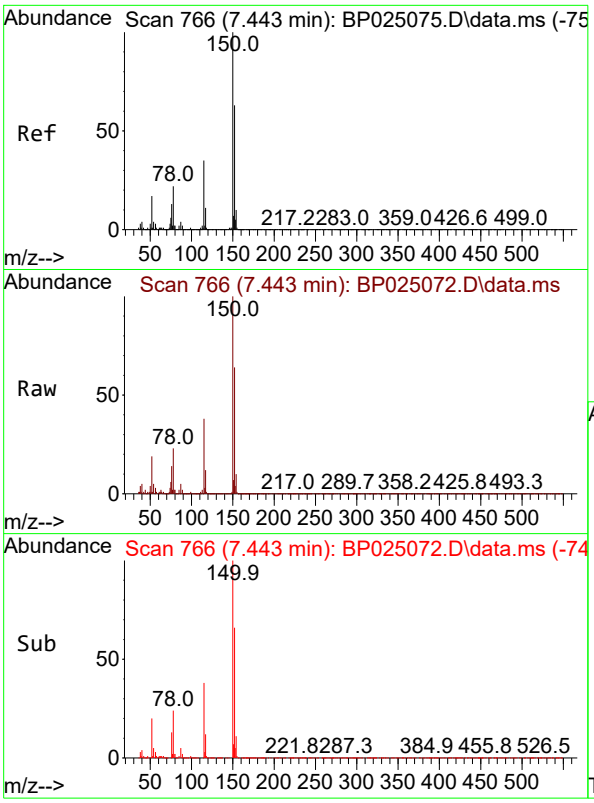
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025072.D
Acq On : 03 Jul 2025 10:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Jul 03 15:49:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



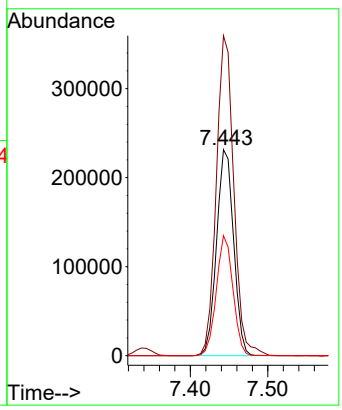


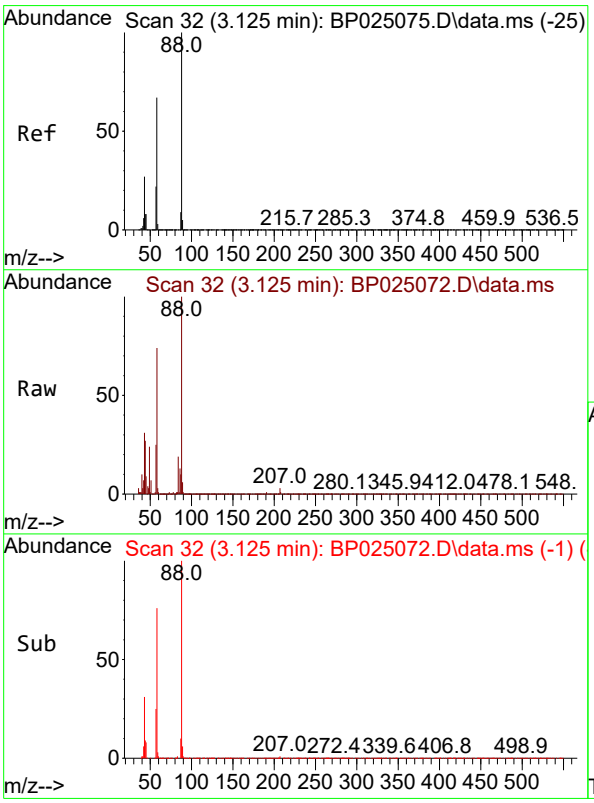
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 354349

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	58.2	44.3	66.5

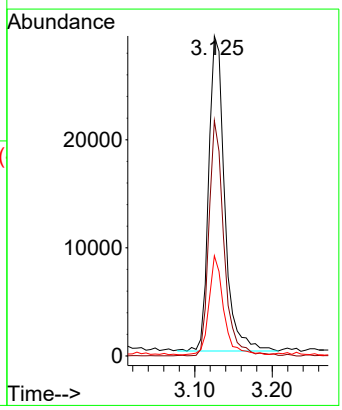


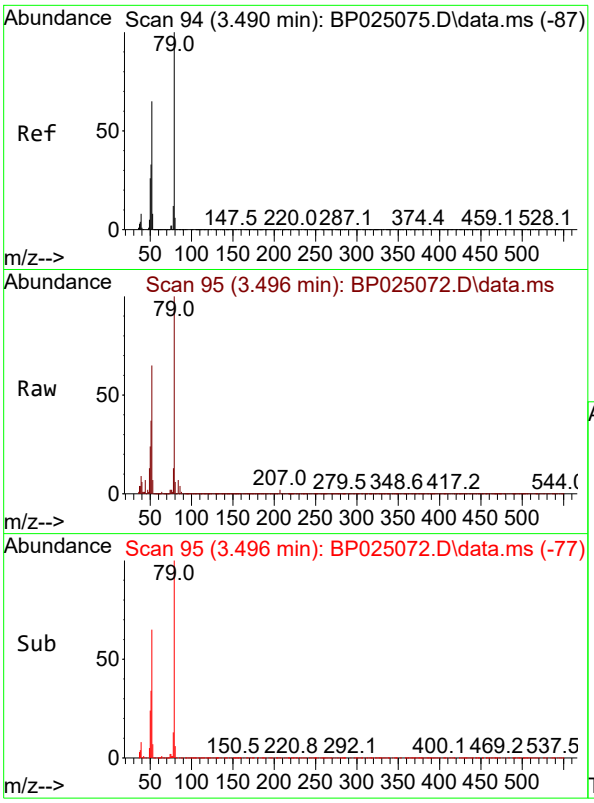


#2
1,4-Dioxane
Concen: 5.358 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 88 Resp: 41667

Ion	Ratio	Lower	Upper
88	100		
58	69.7	55.0	82.4
43	28.9	21.9	32.9



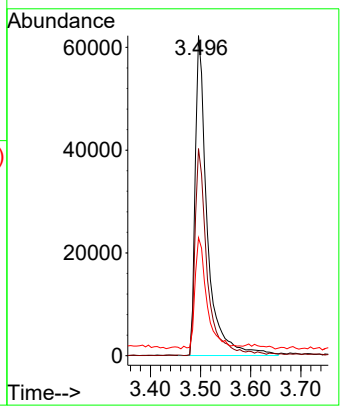


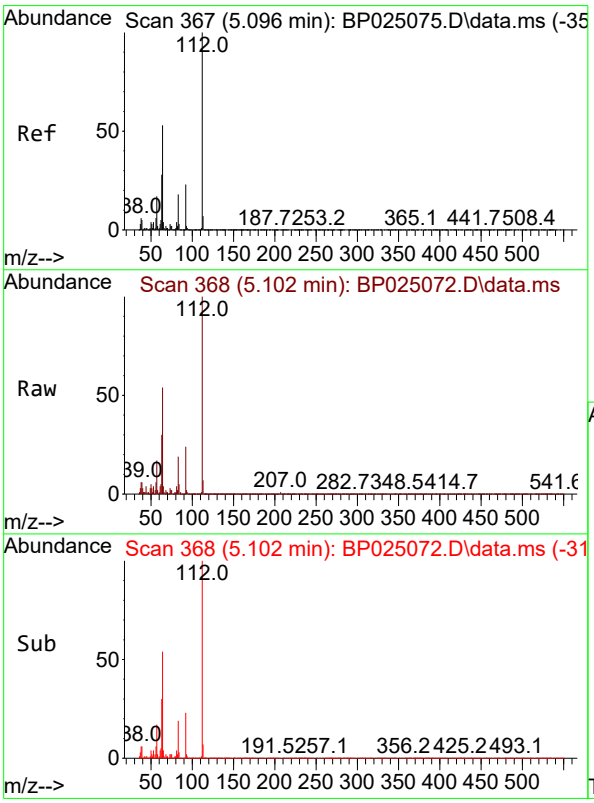
#3
Pyridine
Concen: 4.896 ng
RT: 3.496 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 104170

Ion	Ratio	Lower	Upper
79	100		
52	64.7	52.2	78.4
51	36.8	26.8	40.2

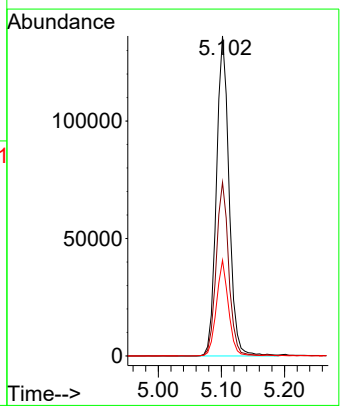


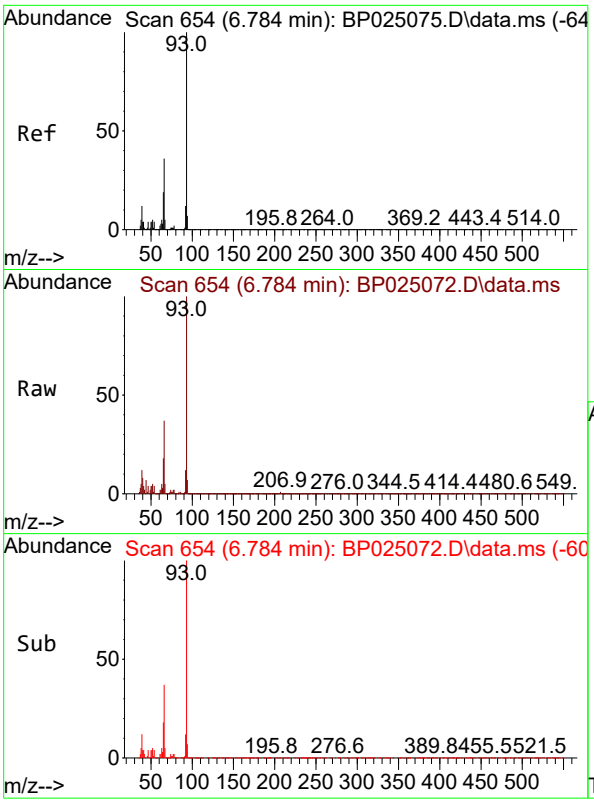


#5
2-Fluorophenol
Concen: 9.477 ng
RT: 5.102 min Scan# 368
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:112 Resp: 189521

Ion	Ratio	Lower	Upper
112	100		
64	54.2	42.0	63.0
63	29.9	22.2	33.2



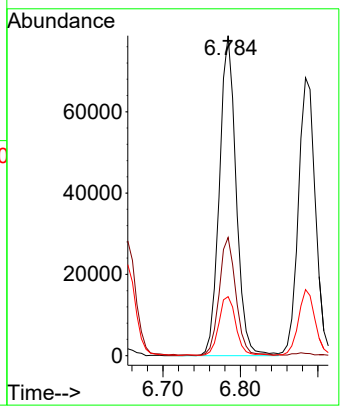


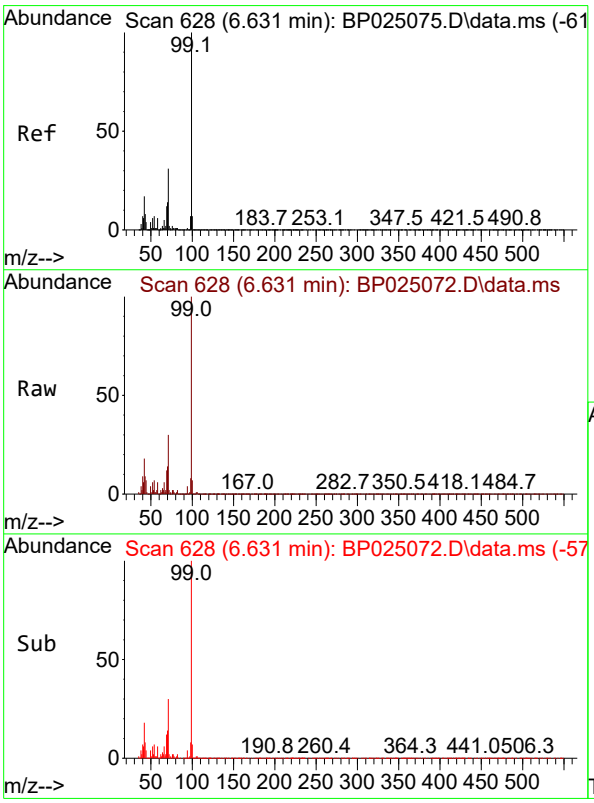
#6
Aniline
Concen: 4.846 ng
RT: 6.784 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 118174

Ion	Ratio	Lower	Upper
93	100		
66	37.0	28.9	43.3
65	18.4	15.2	22.8

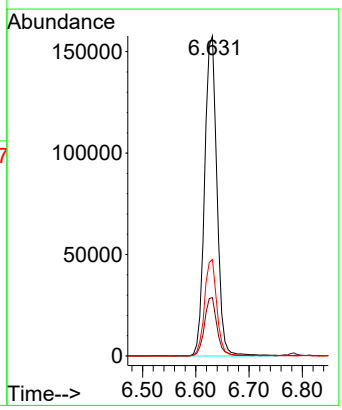


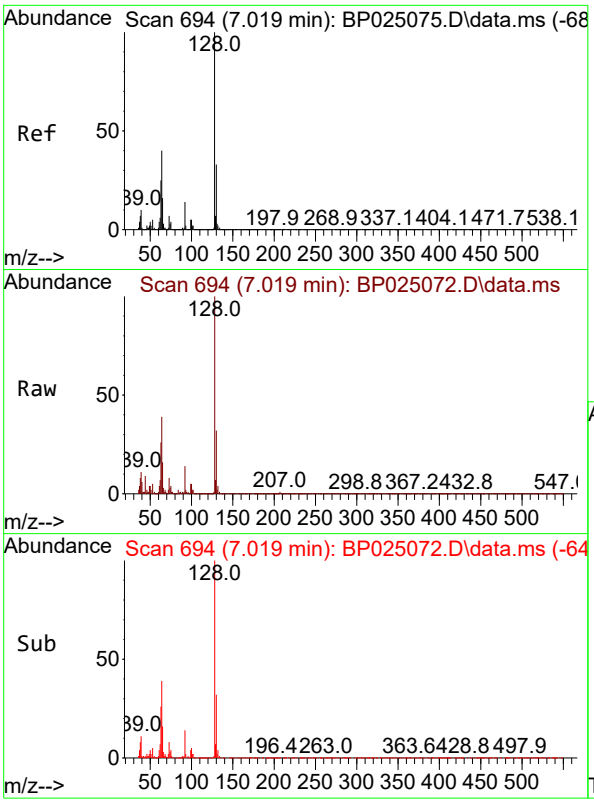


#7
Phenol-d6
Concen: 9.692 ng
RT: 6.631 min Scan# 628
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 99 Resp: 252937

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.6	20.4
71	30.1	24.4	36.6



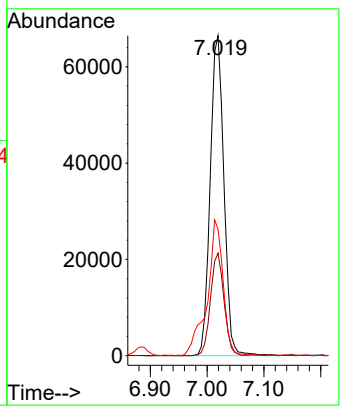


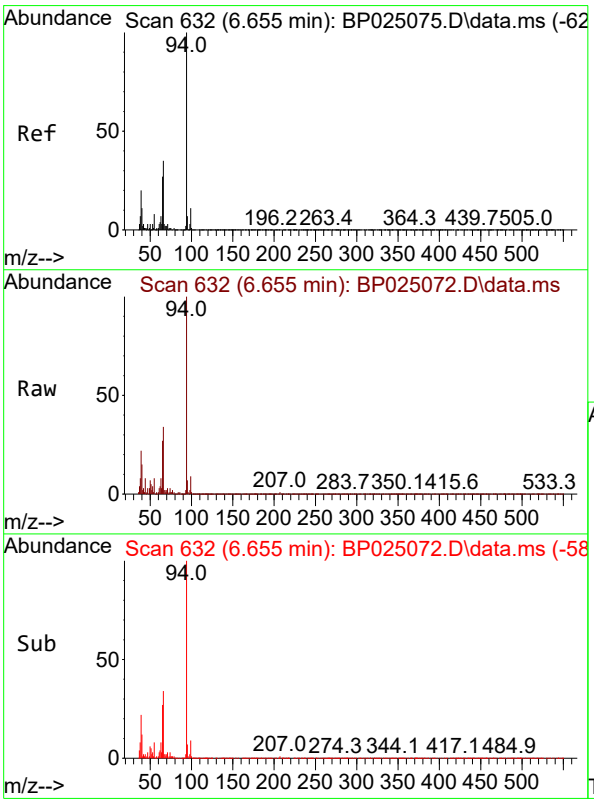
#8
2-Chlorophenol
Concen: 4.966 ng
RT: 7.019 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 111121

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	39.5	20.3	60.3

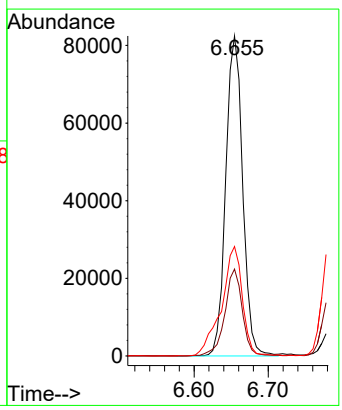


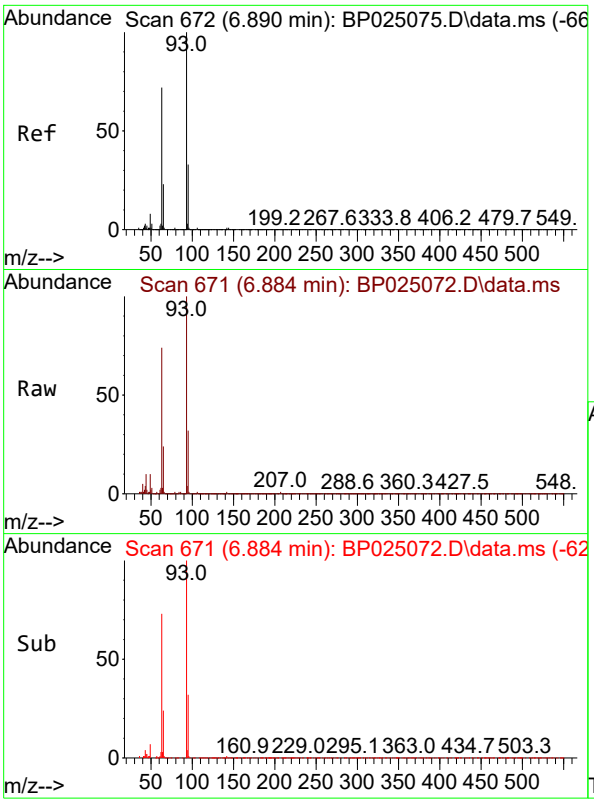


#10
Phenol
Concen: 4.922 ng
RT: 6.655 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 94 Resp: 130527

Ion	Ratio	Lower	Upper
94	100		
65	27.2	6.9	46.9
66	34.2	14.6	54.6



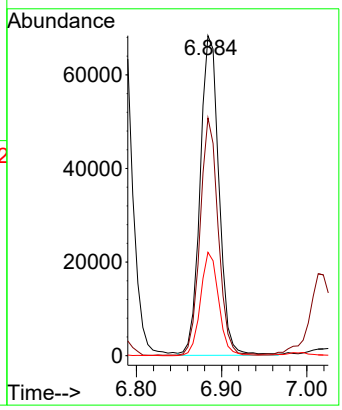


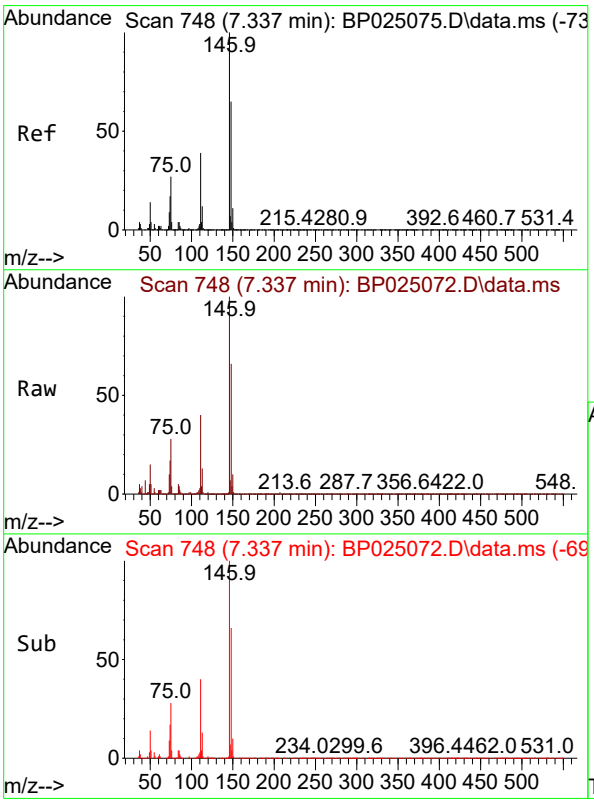
#11
bis(2-Chloroethyl)ether
Concen: 5.151 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 105128

Ion	Ratio	Lower	Upper
93	100		
63	74.3	51.9	91.9
95	32.3	12.4	52.4

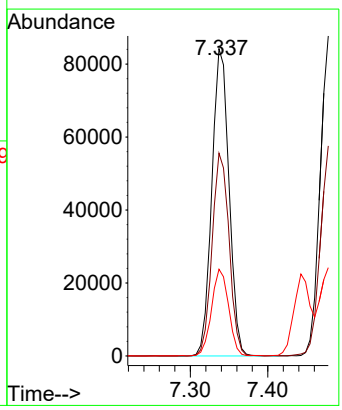


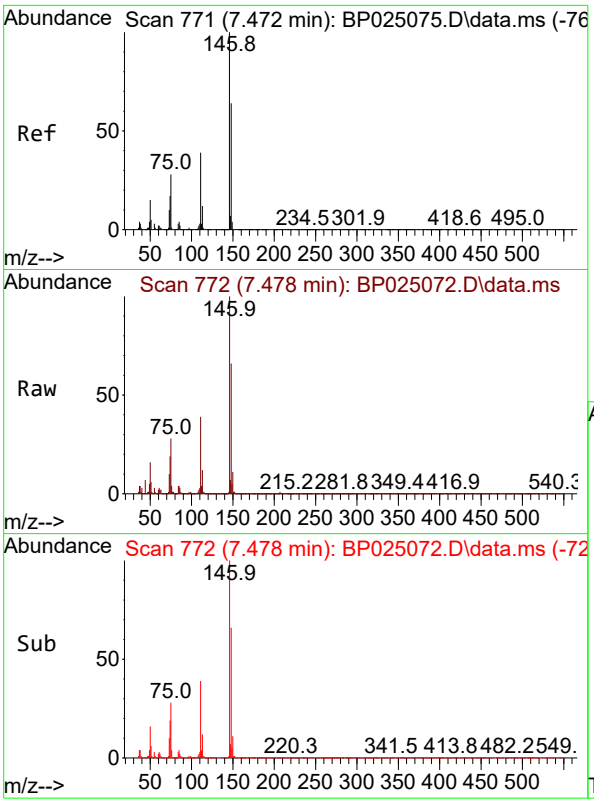


#12
1,3-Dichlorobenzene
Concen: 5.167 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 129394

Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
75	28.2	21.8	32.6



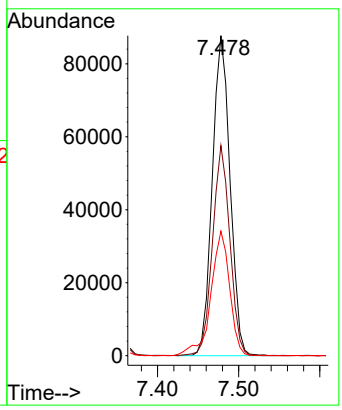


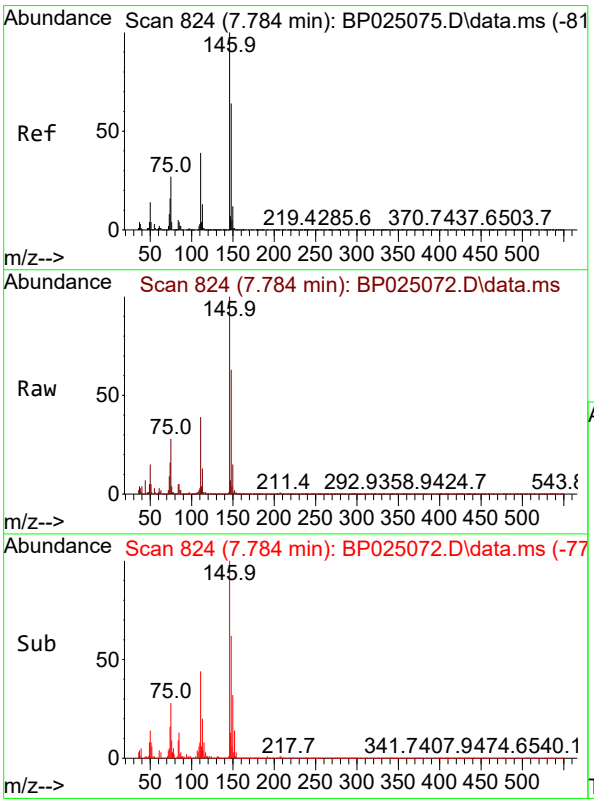
#13
1,4-Dichlorobenzene
Concen: 5.242 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 132919

Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.1	76.7
111	38.9	31.2	46.8

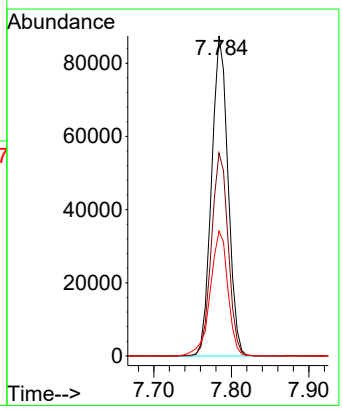


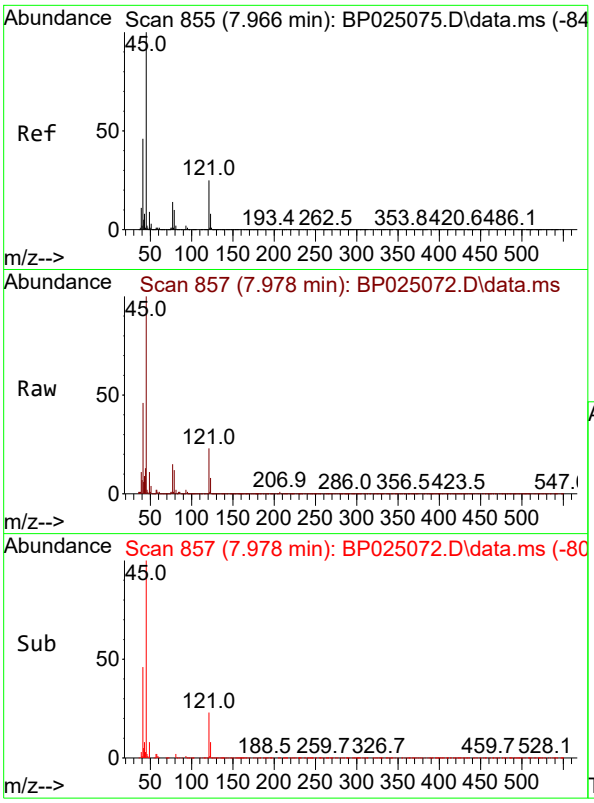


#14
1,2-Dichlorobenzene
Concen: 5.282 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:146 Resp: 128817

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.0	31.2	46.8



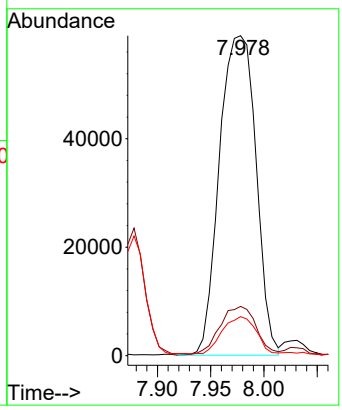


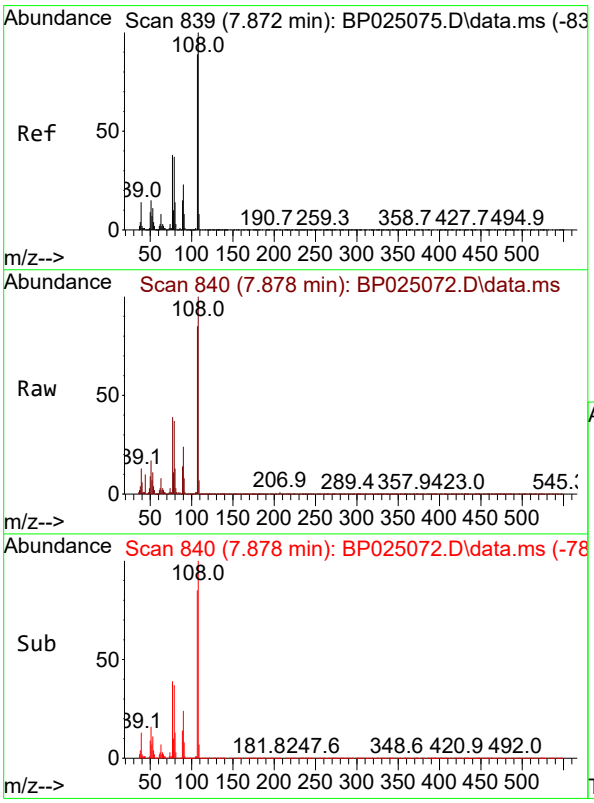
#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.299 ng
RT: 7.978 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 45 Resp: 140624

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.8
79	12.2	0.0	30.7

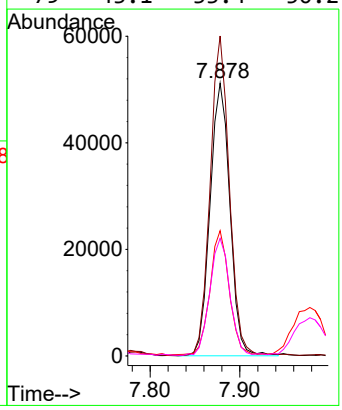


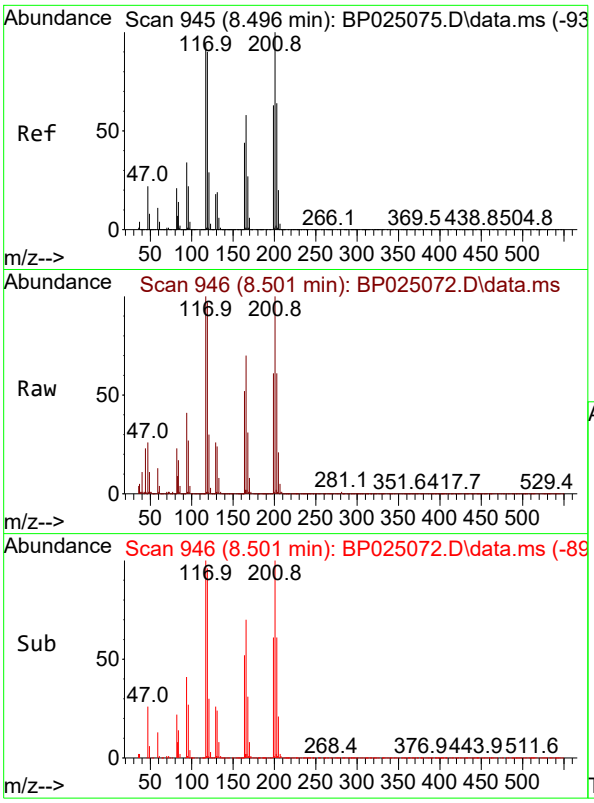


#17
2-Methylphenol
Concen: 4.600 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 78577

Ion	Ratio	Lower	Upper
107	100		
108	117.3	89.7	134.5
77	46.0	34.2	51.4
79	43.1	33.4	50.2



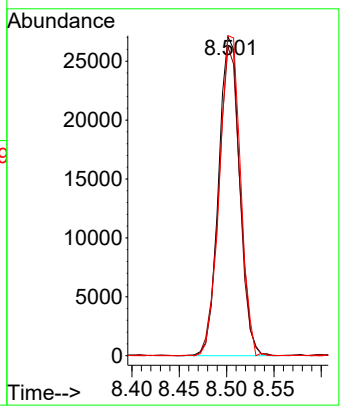


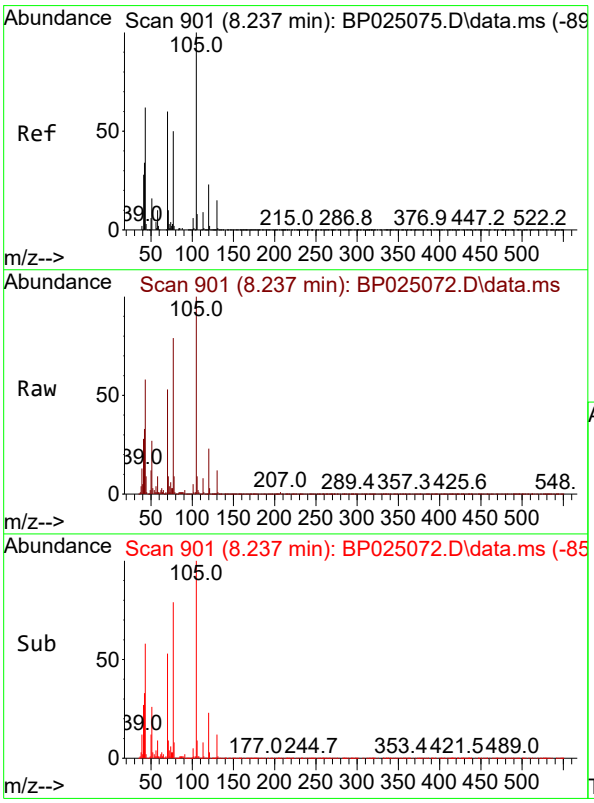
#18
Hexachloroethane
Concen: 5.104 ng
RT: 8.501 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:117 Resp: 42157

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	115.0
201	100.4	85.4	128.2

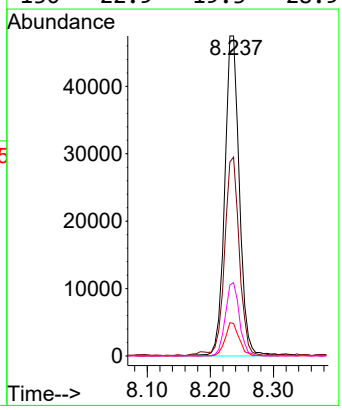


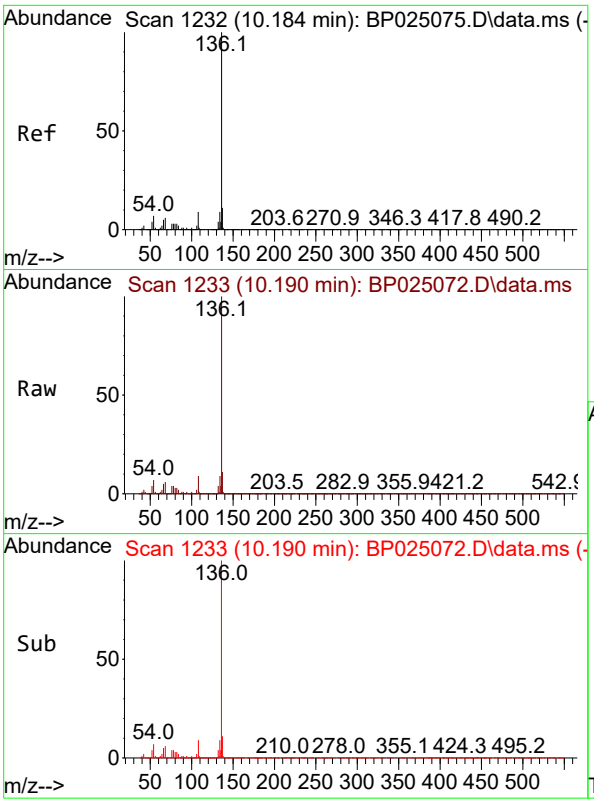


#19
n-Nitroso-di-n-propylamine
Concen: 4.935 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 70 Resp: 76382

Ion	Ratio	Lower	Upper
70	100		
42	62.2	46.5	69.7
101	10.2	7.9	11.9
130	22.9	19.3	28.9



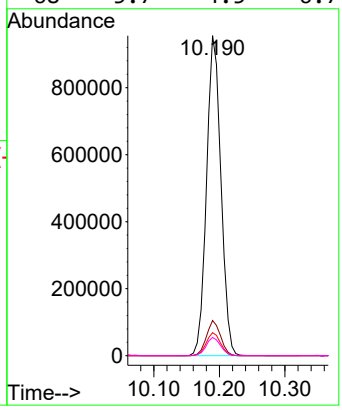


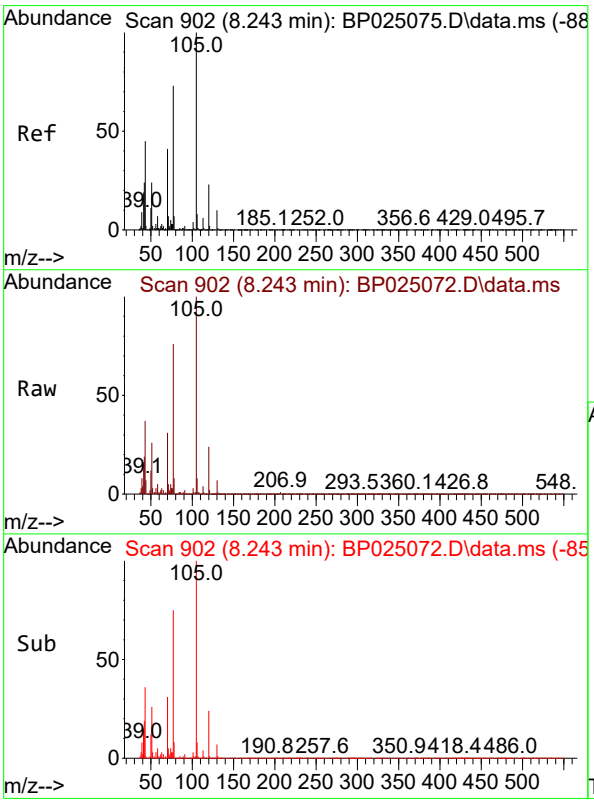
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.190 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 1455964

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.2	5.4	8.2
68	5.7	4.5	6.7

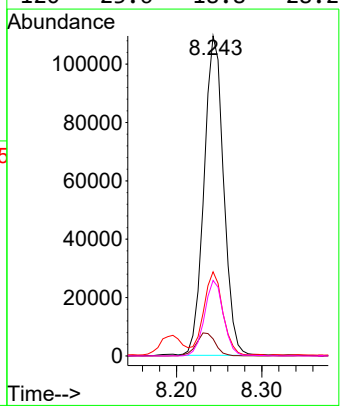


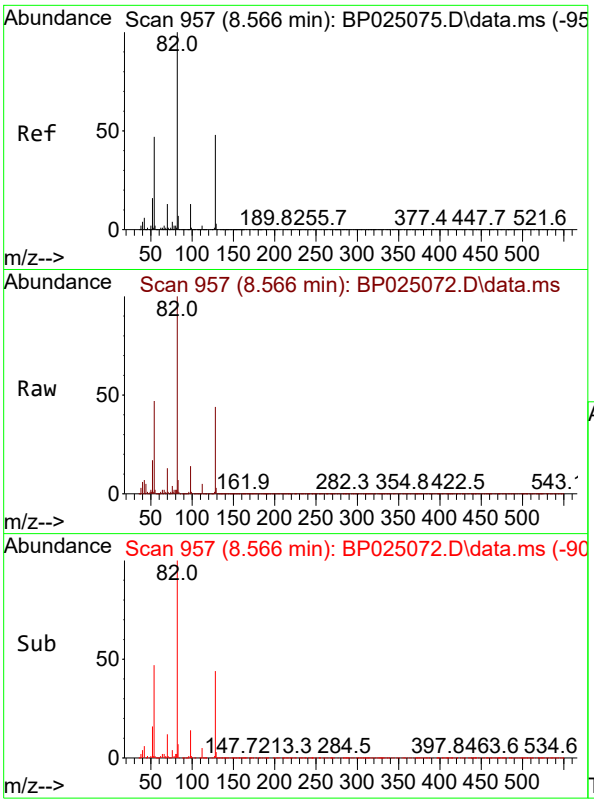


#22
Acetophenone
Concen: 5.070 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:105 Resp: 174562

Ion	Ratio	Lower	Upper
105	100		
71	5.3	5.4	8.2#
51	26.3	19.6	29.4
120	23.6	18.8	28.2



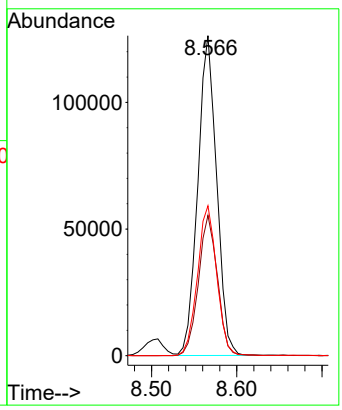


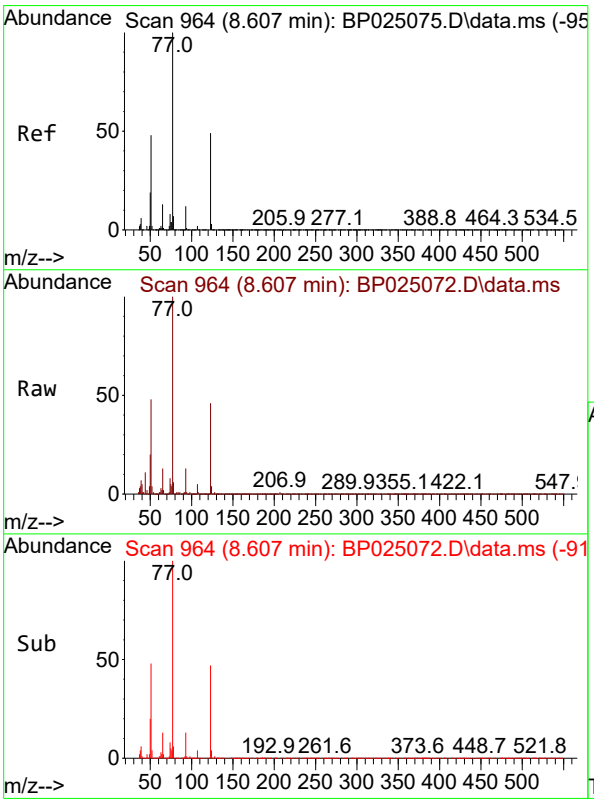
#23
Nitrobenzene-d5
Concen: 8.871 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 194218

Ion	Ratio	Lower	Upper
82	100		
128	43.9	38.4	57.6
54	46.9	37.8	56.6

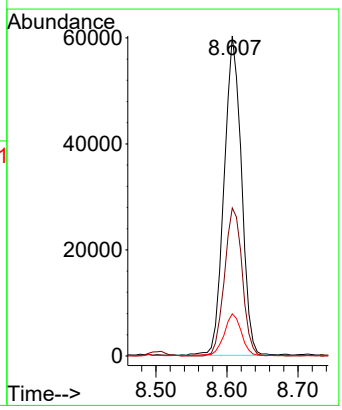


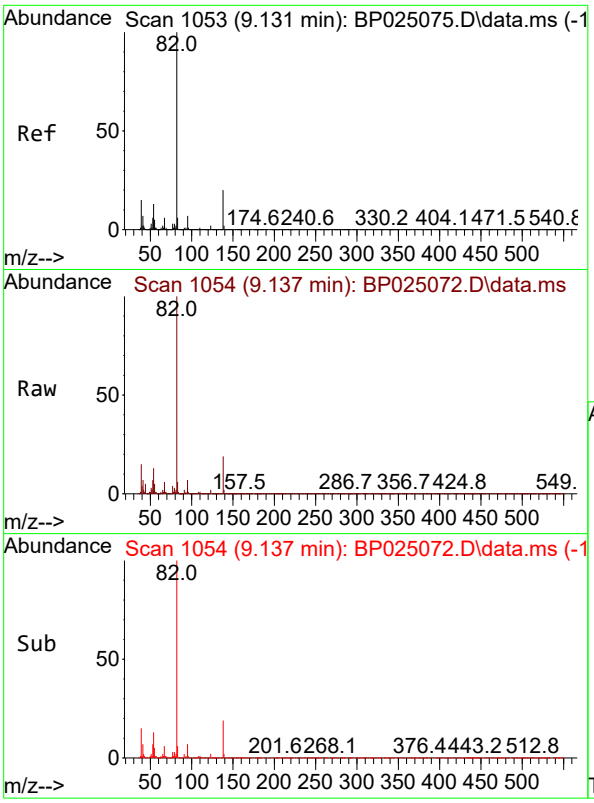


#24
Nitrobenzene
Concen: 4.575 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 102014

Ion	Ratio	Lower	Upper
77	100		
123	46.2	39.0	58.6
65	13.1	10.7	16.1



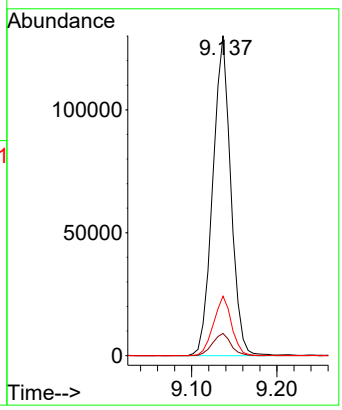


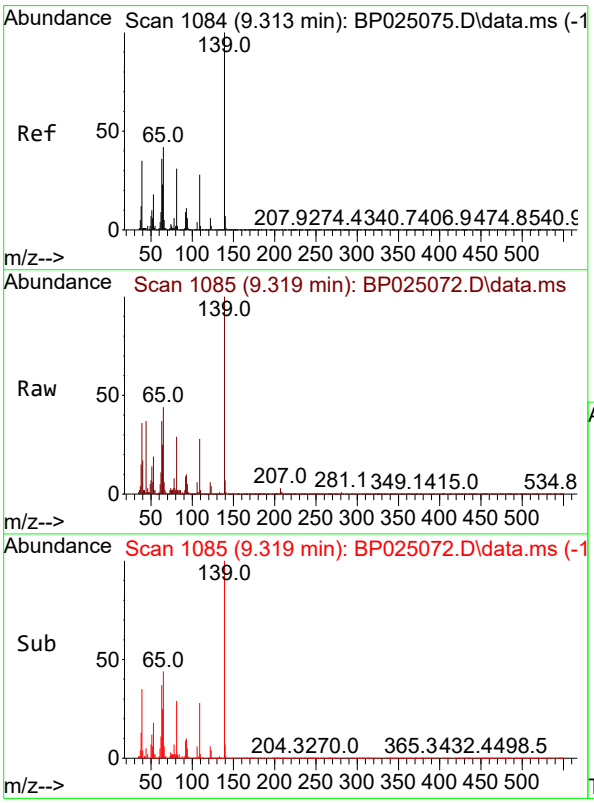
#25
Isophorone
Concen: 4.668 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 190993

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.6	15.7	23.5

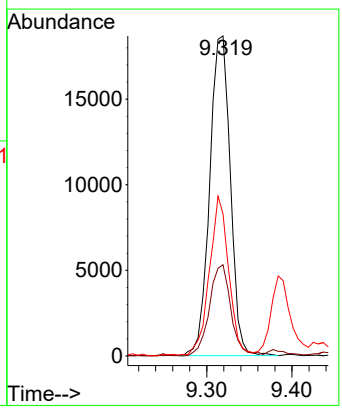


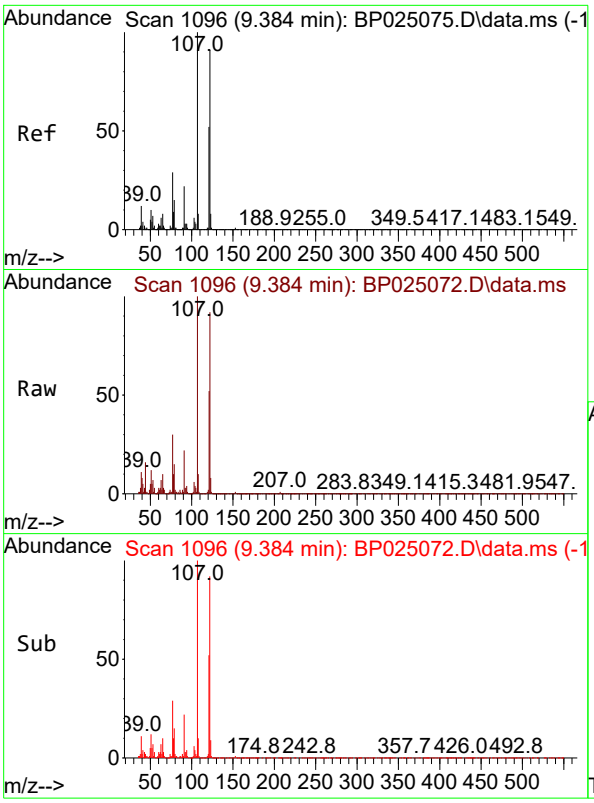


#26
2-Nitrophenol
Concen: 6.004 ng
RT: 9.319 min Scan# 1085
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:139 Resp: 31408

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.3	33.5
65	44.4	33.8	50.8



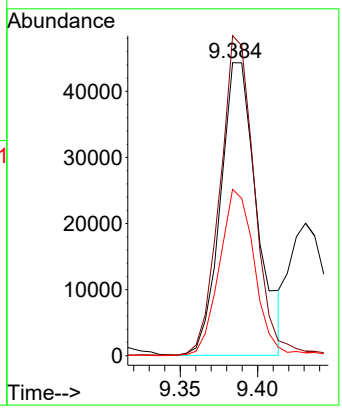


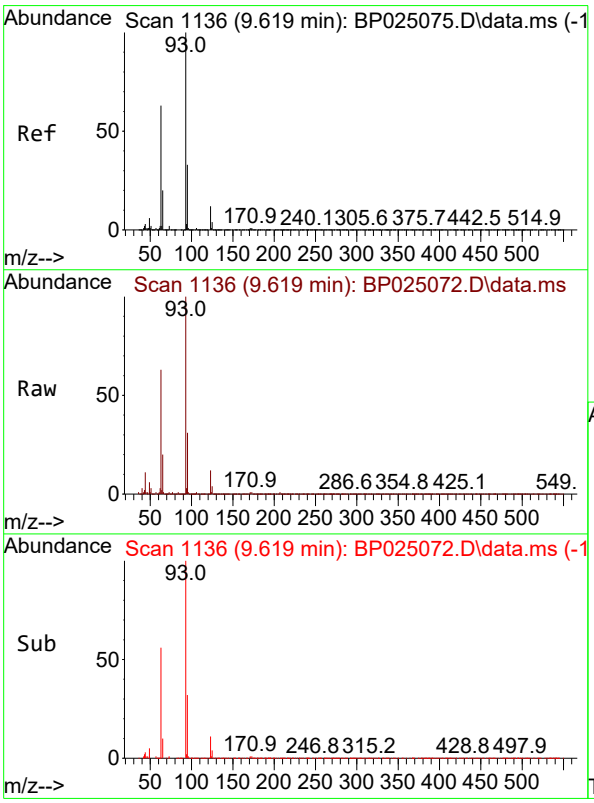
#27
2,4-Dimethylphenol
Concen: 4.753 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 72542

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.2	132.2
121	56.8	46.1	69.1

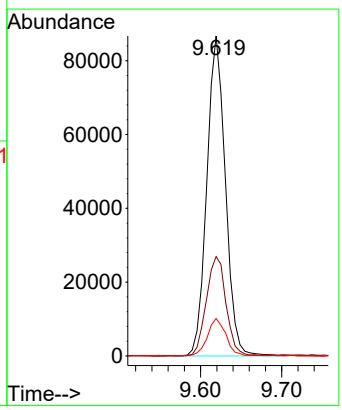


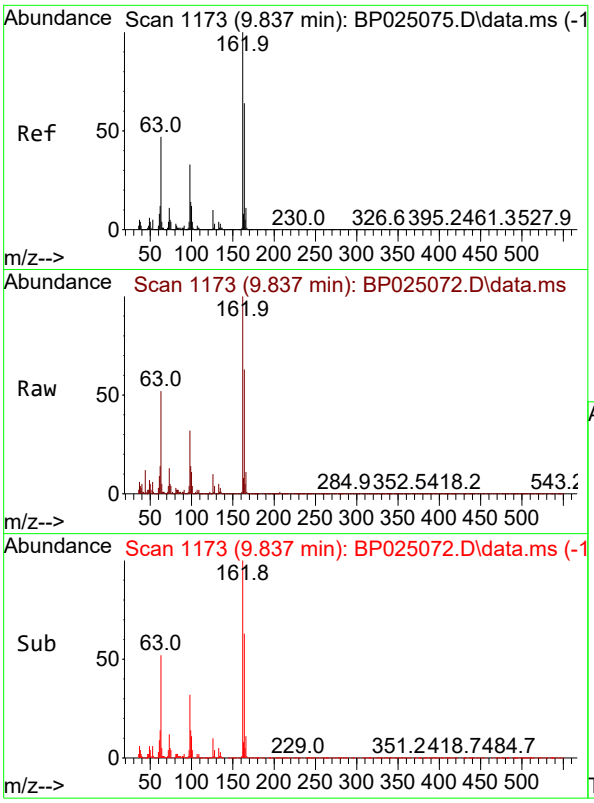


#28
bis(2-Chloroethoxy)methane
Concen: 4.954 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 93 Resp: 137622

Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.4	39.6
123	11.7	10.1	15.1



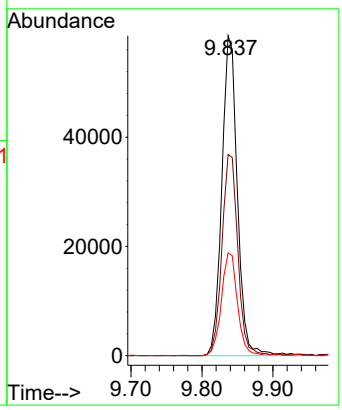


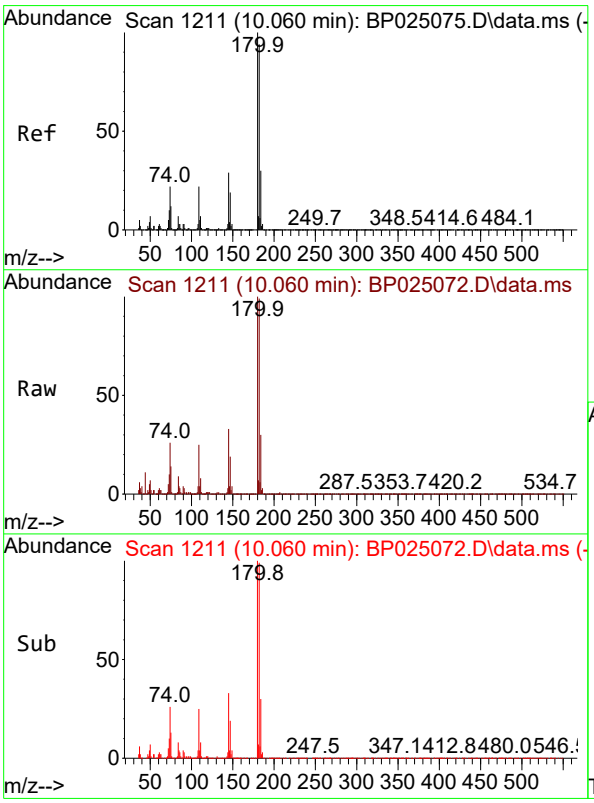
#29
2,4-Dichlorophenol
Concen: 4.171 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 88262

Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	32.1	13.1	53.1

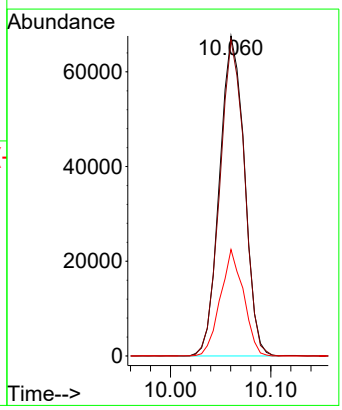


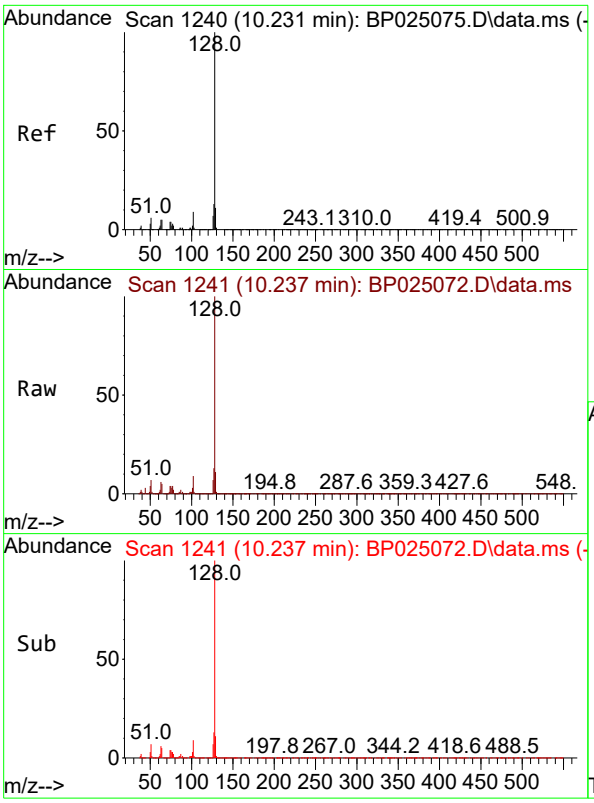


#30
1,2,4-Trichlorobenzene
Concen: 4.953 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:180 Resp: 116080

Ion	Ratio	Lower	Upper
180	100		
182	98.8	75.1	112.7
145	33.3	23.3	34.9



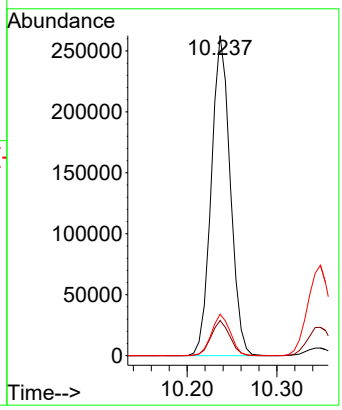


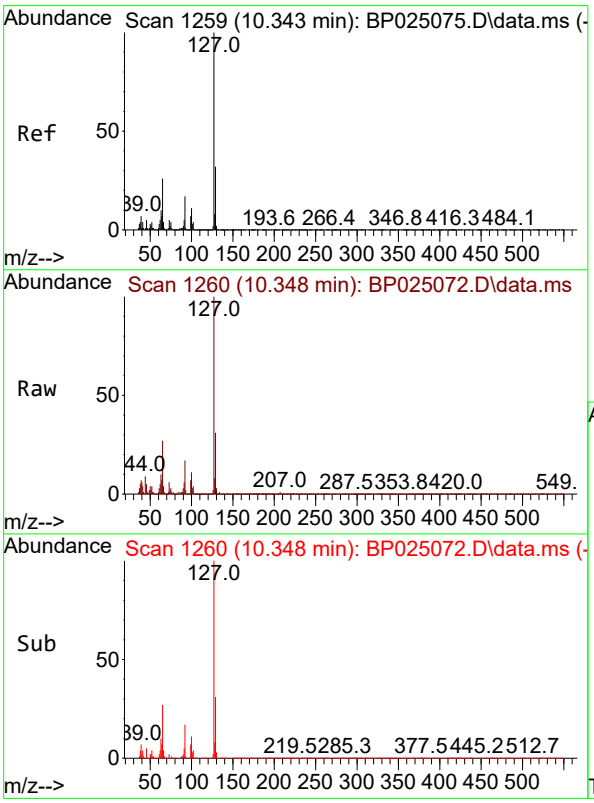
#31
Naphthalene
Concen: 5.134 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 384889

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.9	10.4	15.6

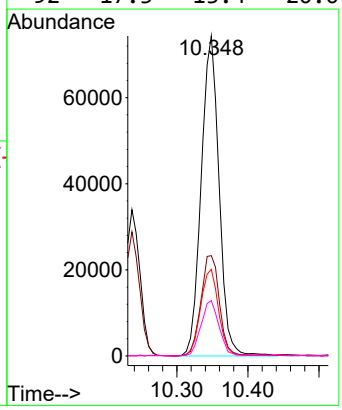


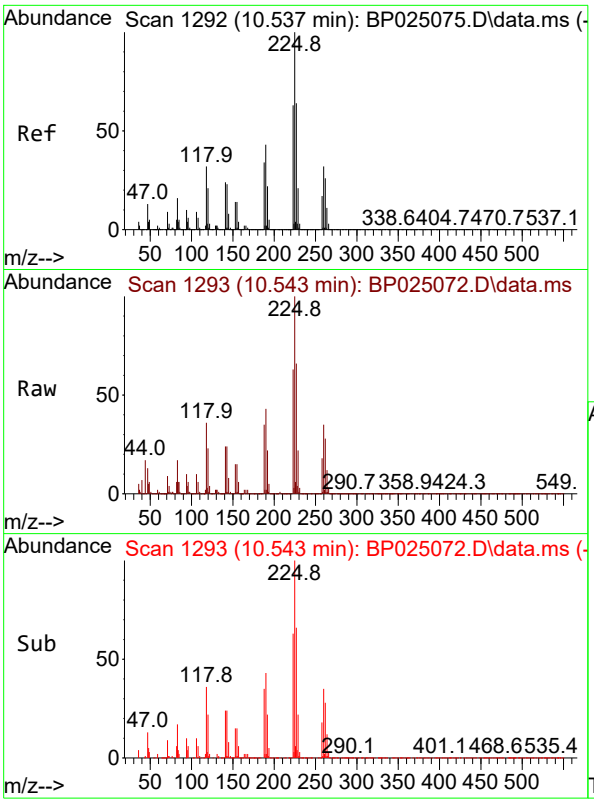


#33
4-Chloroaniline
Concen: 4.661 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:127 Resp: 130394

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	27.0	21.0	31.6
92	17.3	13.4	20.0



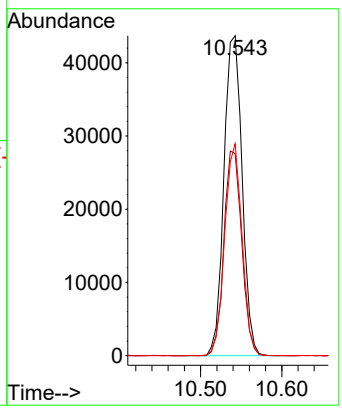


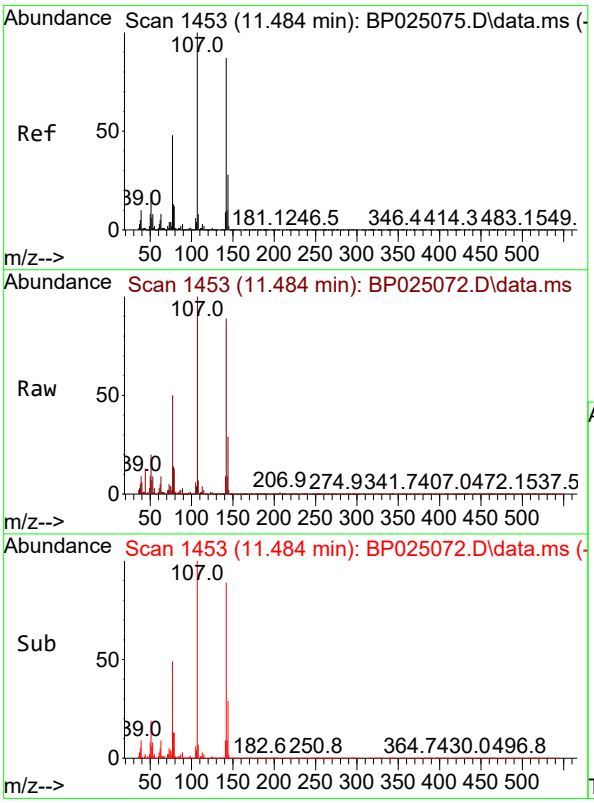
#34
Hexachlorobutadiene
Concen: 5.055 ng
RT: 10.543 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 67982

Ion	Ratio	Lower	Upper
225	100		
223	59.6	50.3	75.5
227	62.5	51.3	76.9

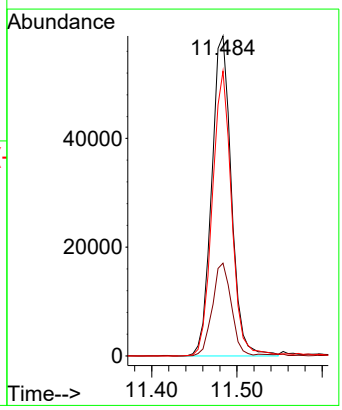


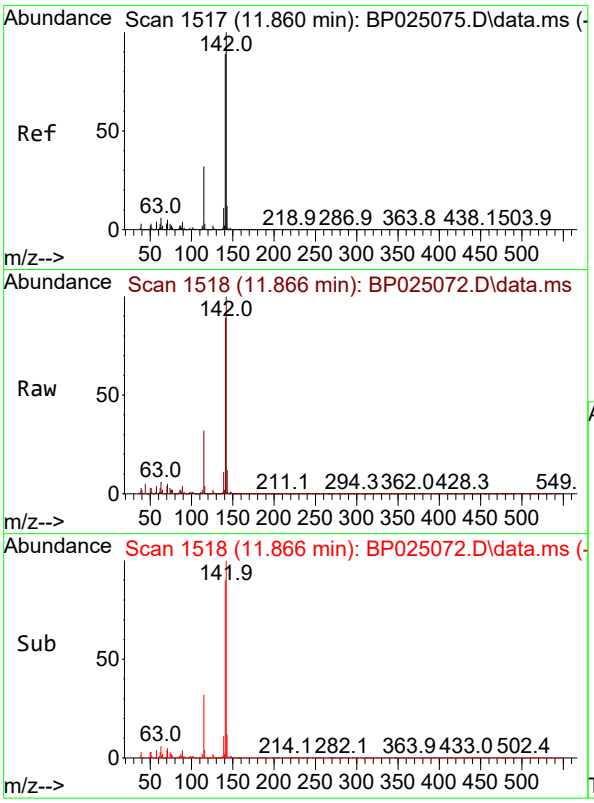


#36
4-Chloro-3-methylphenol
Concen: 4.270 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:107 Resp: 94437

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.0	69.6	104.4



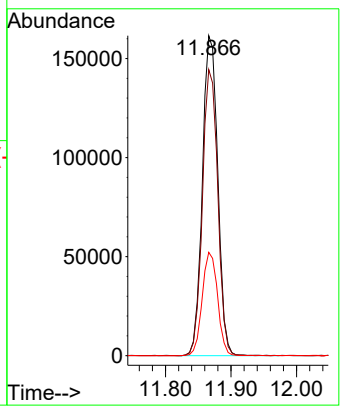


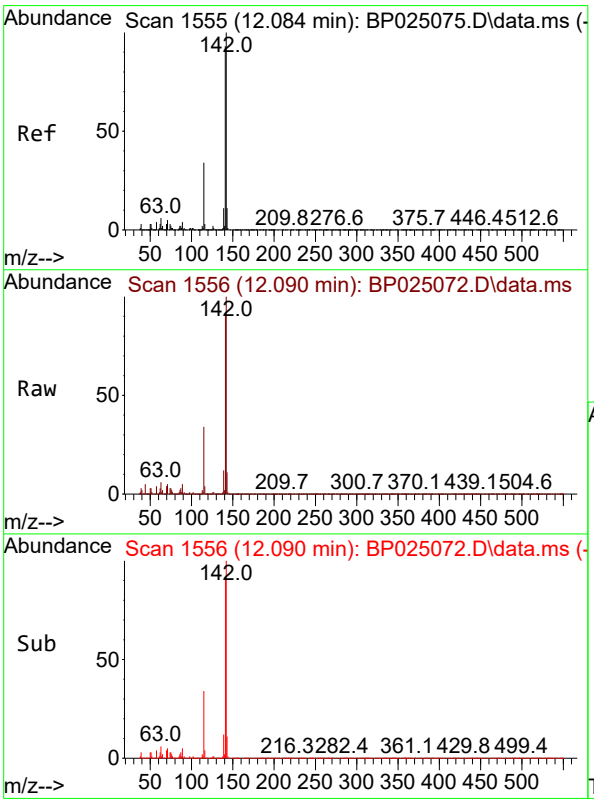
#37
2-Methylnaphthalene
Concen: 4.984 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 263643

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

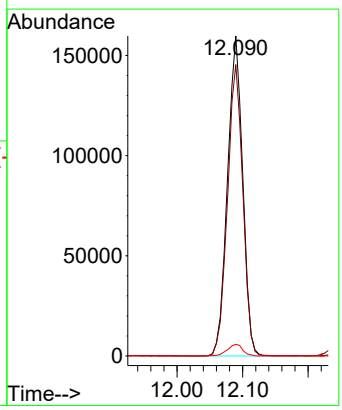


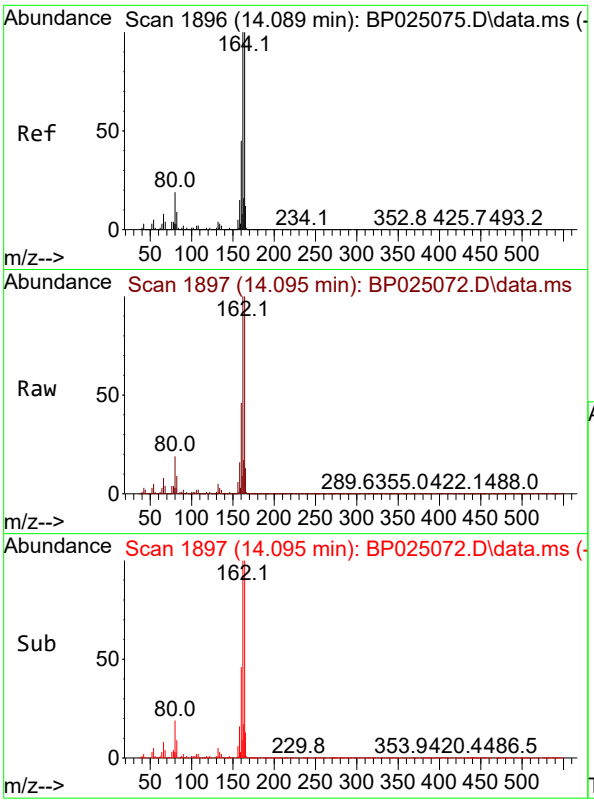


#38
1-Methylnaphthalene
Concen: 4.987 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:142 Resp: 257270

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1
116	3.7	2.7	4.1



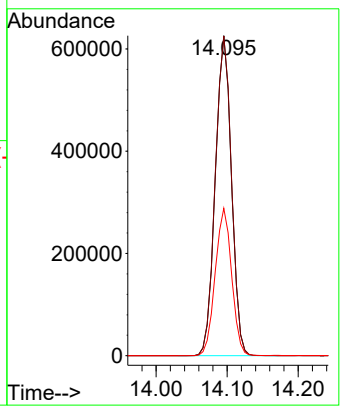


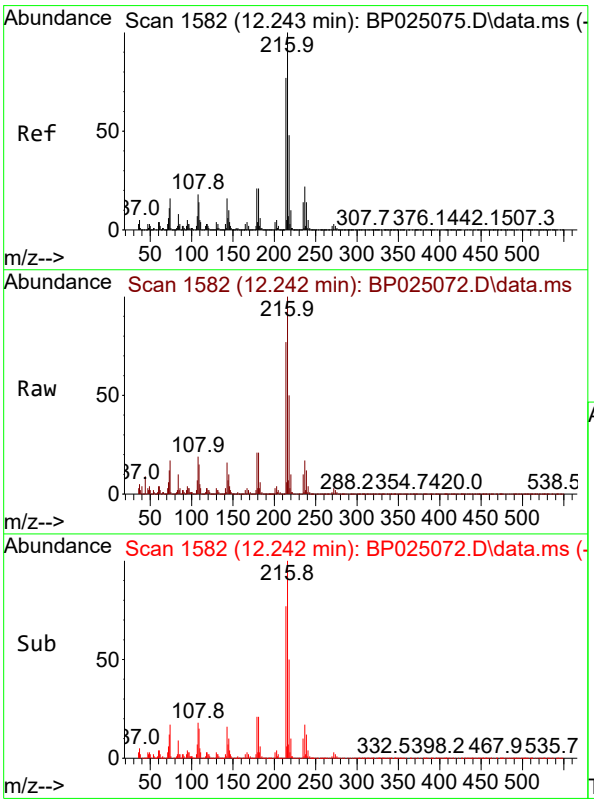
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 982759

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.3	120.5
160	46.1	35.9	53.9

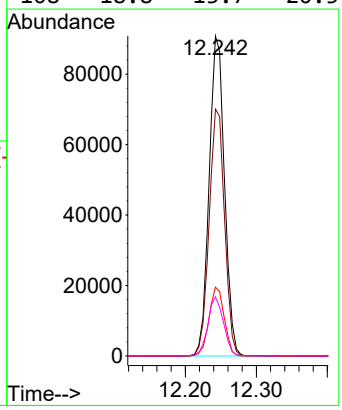


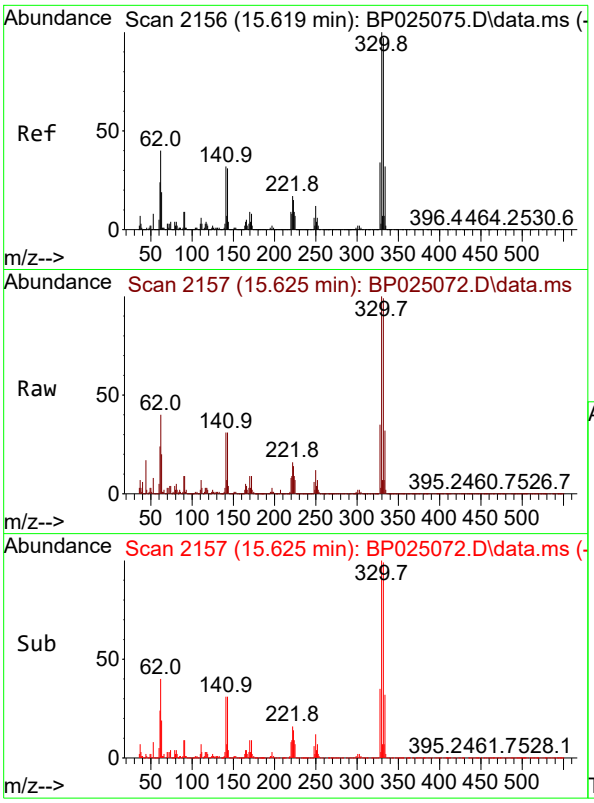


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.822 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:216 Resp: 136193

Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.4	93.6
179	21.4	16.5	24.7
108	18.8	13.7	20.5



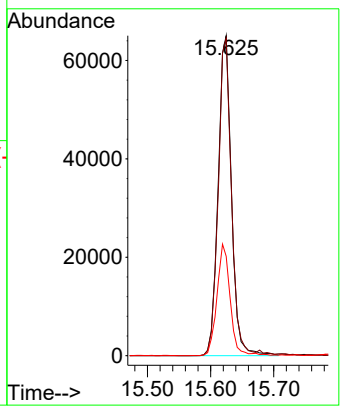


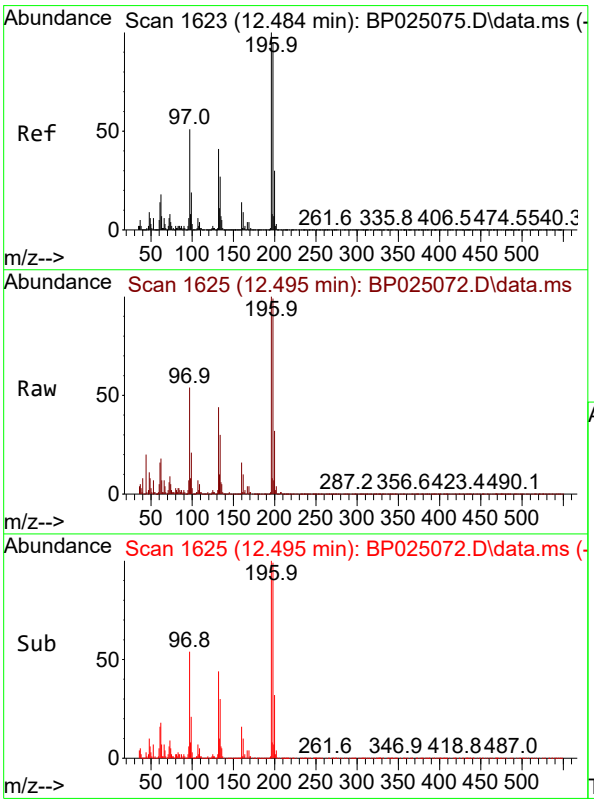
#42
2,4,6-Tribromophenol
Concen: 8.213 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 95353

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	34.7	26.0	39.0

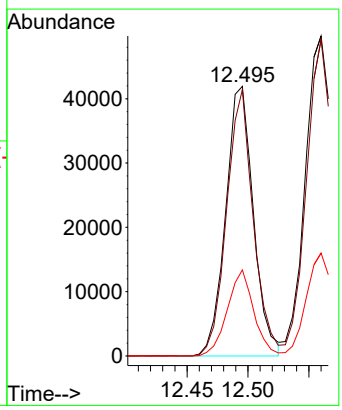


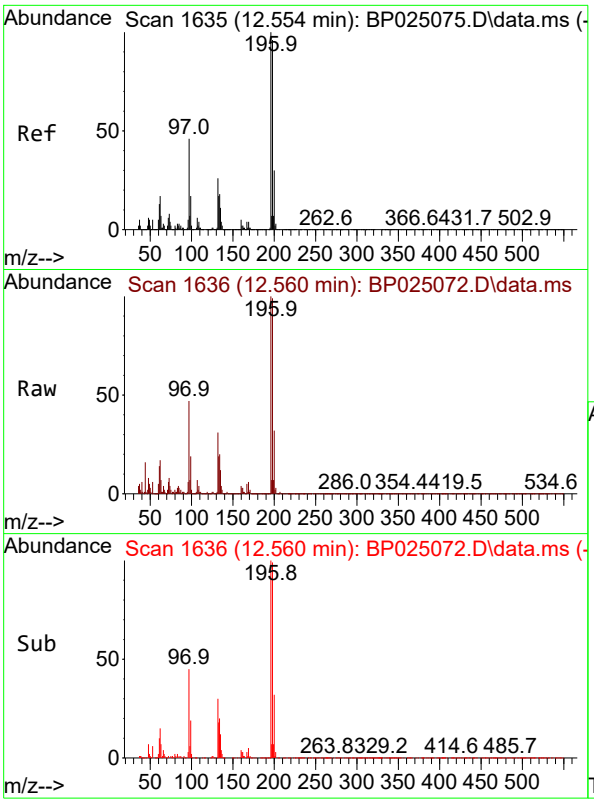


#43
2,4,6-Trichlorophenol
Concen: 3.890 ng
RT: 12.495 min Scan# 1625
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:196 Resp: 66524

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.2
200	31.9	24.3	36.5



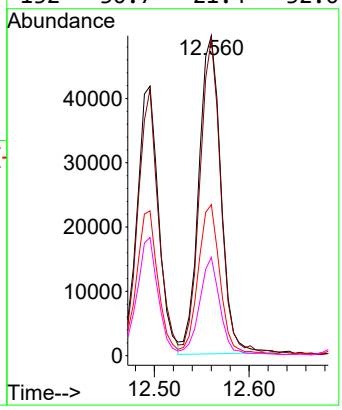


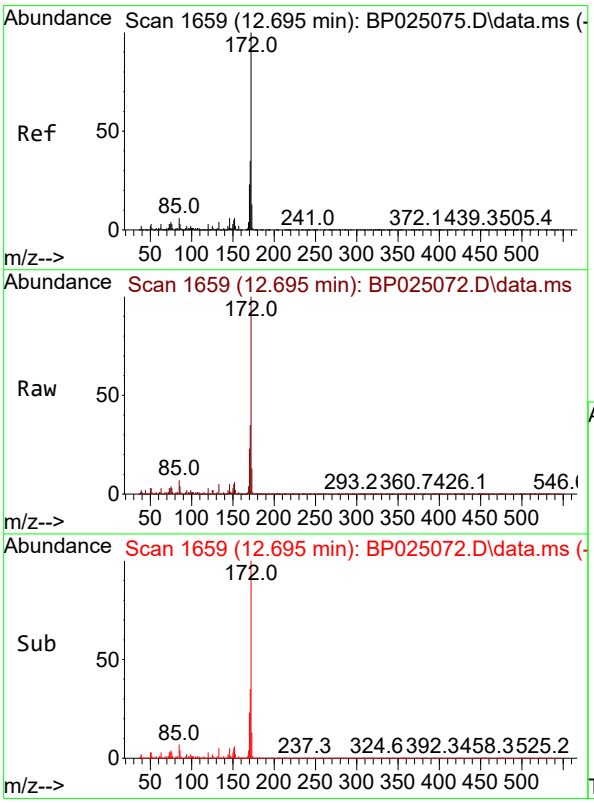
#44
2,4,5-Trichlorophenol
Concen: 4.135 ng
RT: 12.560 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 80137

Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.6	115.0
97	47.2	36.6	55.0
132	30.7	21.4	32.0

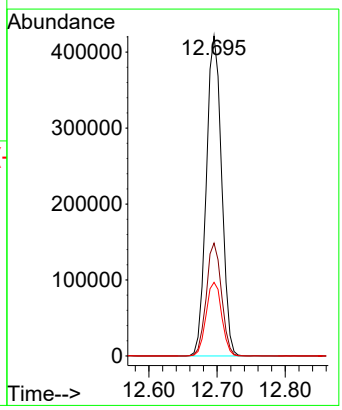


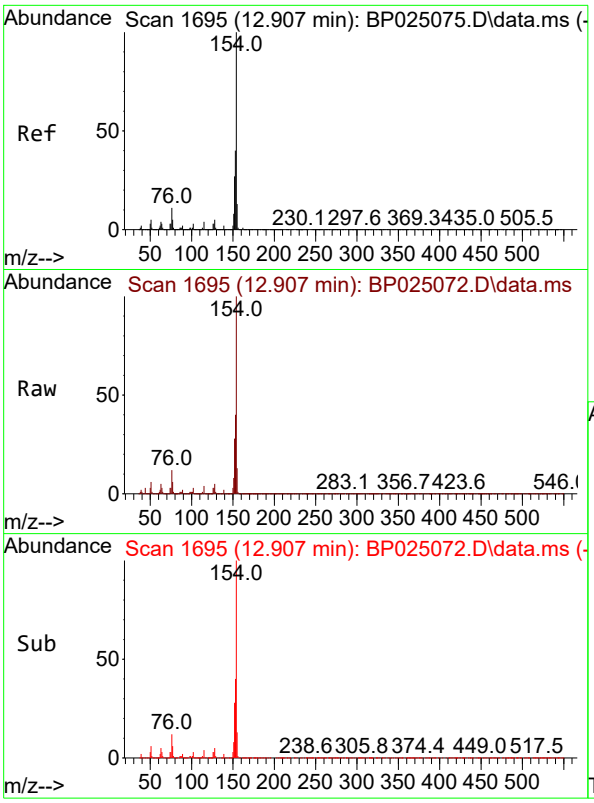


#45
2-Fluorobiphenyl
Concen: 10.365 ng
RT: 12.695 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:172 Resp: 657518

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.0	18.7	28.1



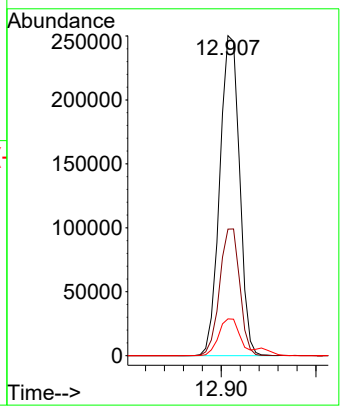


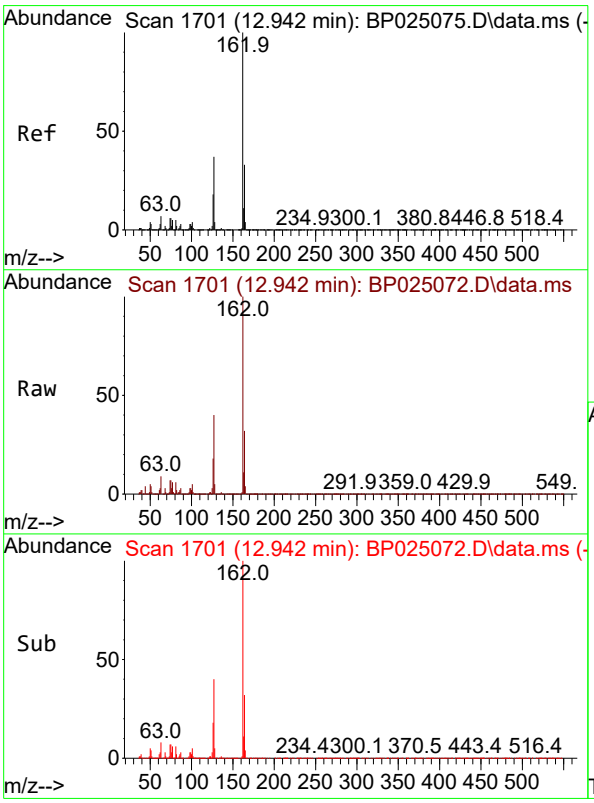
#46
1,1'-Biphenyl
Concen: 5.092 ng
RT: 12.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 364077

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	11.5	0.0	31.5

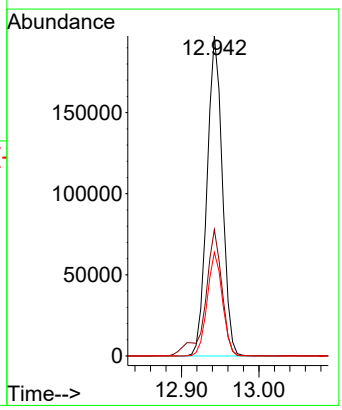


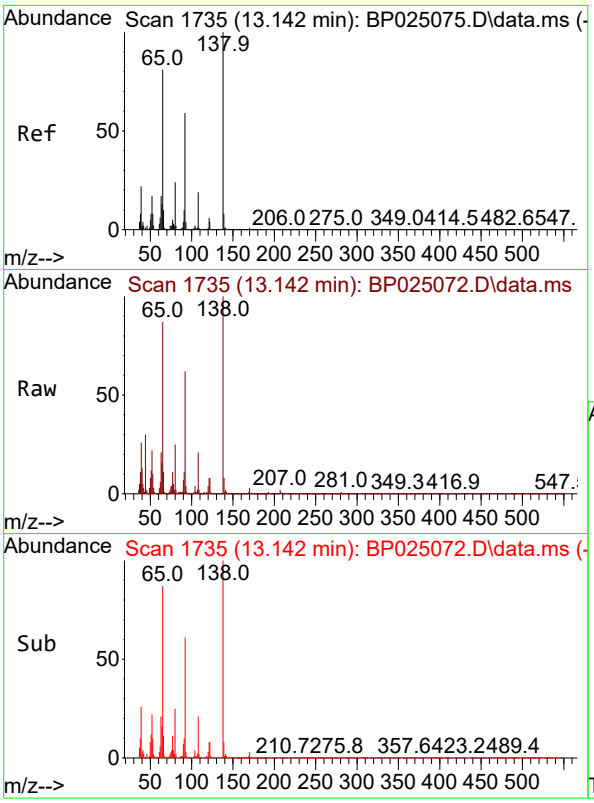


#47
2-Chloronaphthalene
Concen: 5.016 ng
RT: 12.942 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:162 Resp: 269579

Ion	Ratio	Lower	Upper
162	100		
127	39.5	29.4	44.2
164	32.4	26.4	39.6



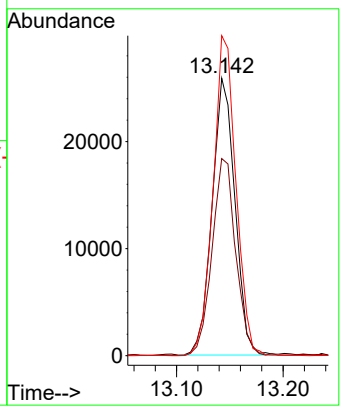


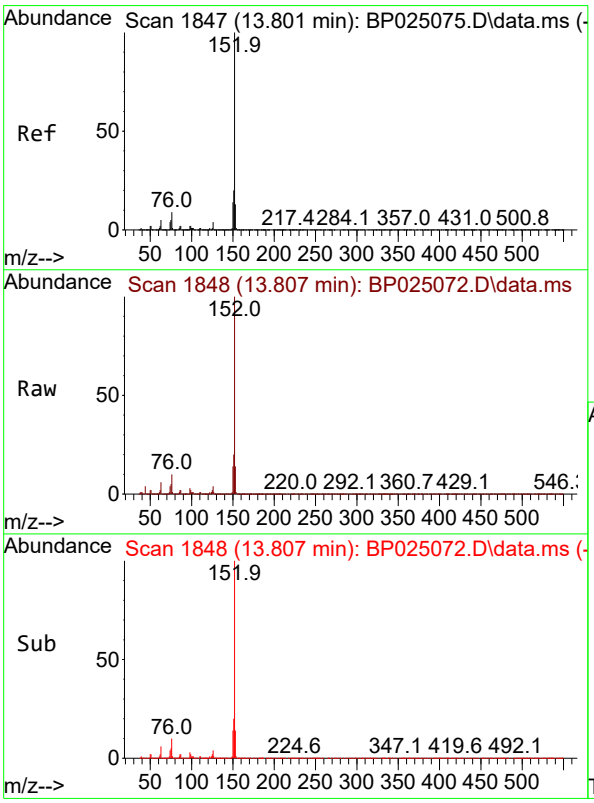
#48
2-Nitroaniline
Concen: 5.521 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38515

Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.7	88.1
138	115.3	99.0	148.4

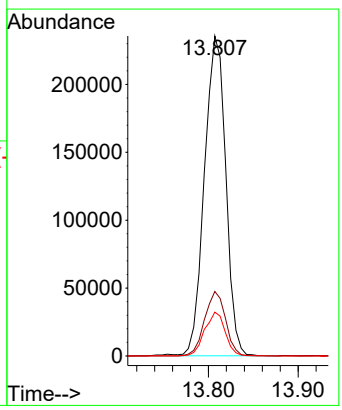


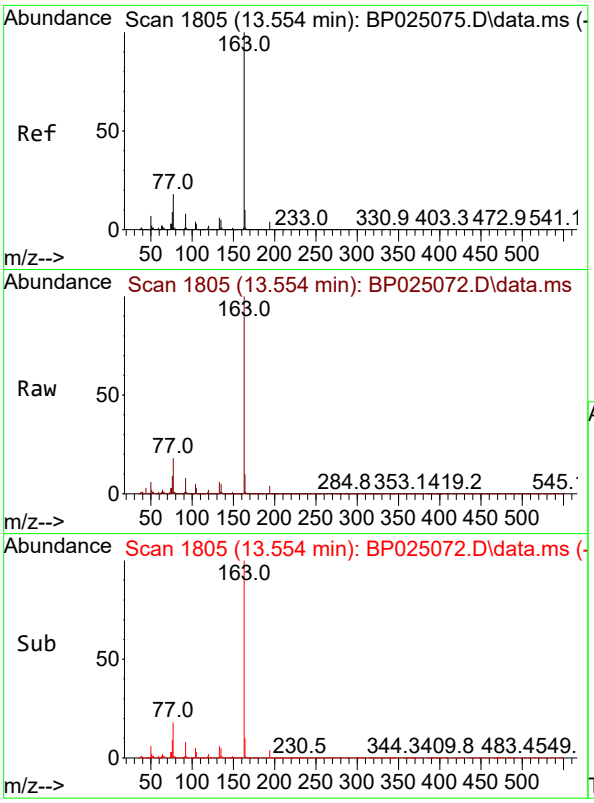


#49
Acenaphthylene
Concen: 4.726 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:152 Resp: 388781

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.7	10.7	16.1



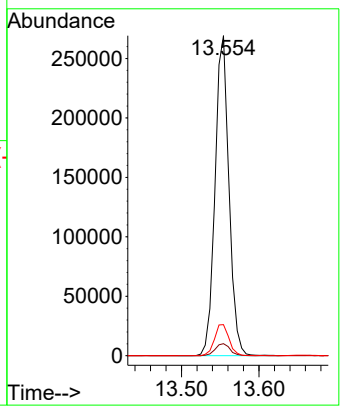


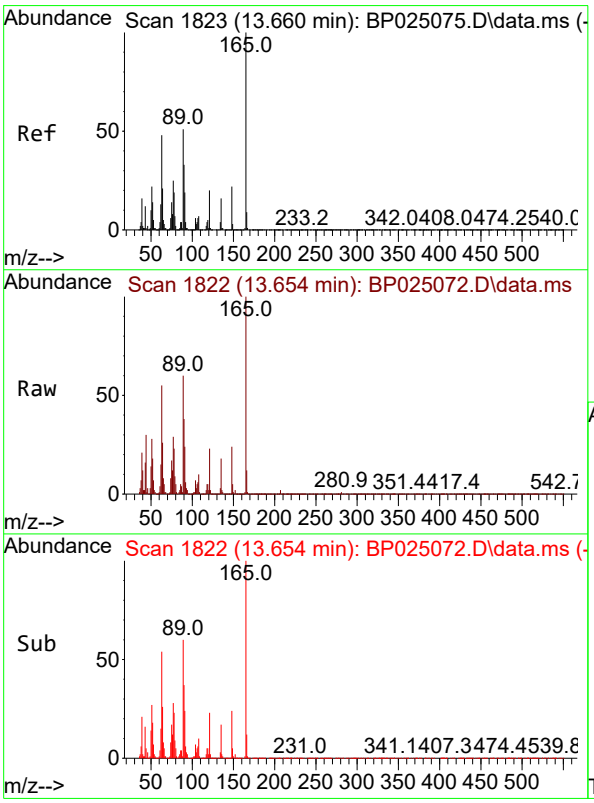
#50
Dimethylphthalate
Concen: 4.871 ng
RT: 13.554 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 335065

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.7	8.0	12.0

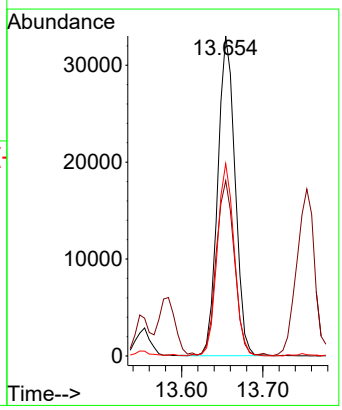


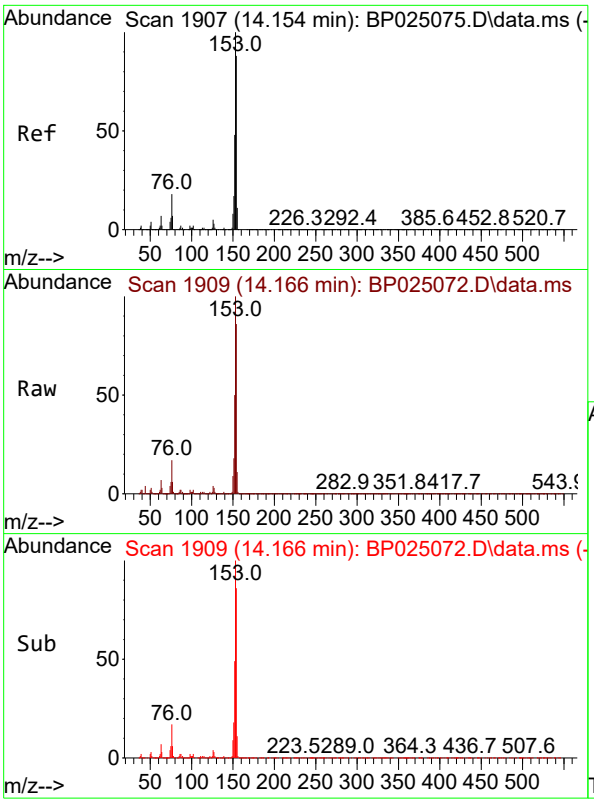


#51
2,6-Dinitrotoluene
Concen: 3.651 ng
RT: 13.654 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 48991

Ion	Ratio	Lower	Upper
165	100		
63	54.7	38.5	57.7
89	60.1	40.6	61.0



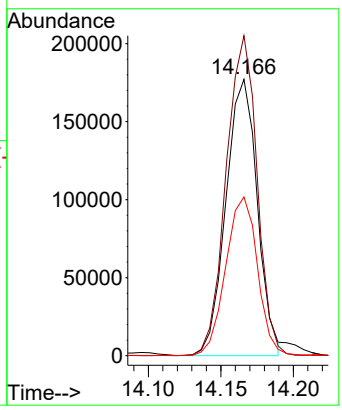


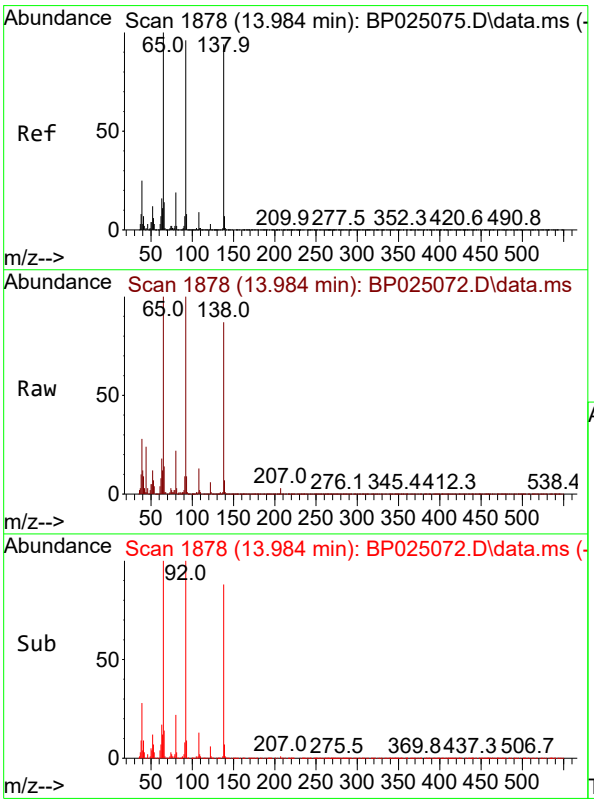
#52
Acenaphthene
Concen: 5.030 ng m
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 266690

Ion	Ratio	Lower	Upper
154	100		
153	115.8	90.6	136.0
152	57.5	43.8	65.8

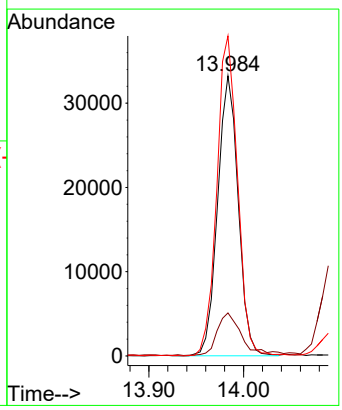


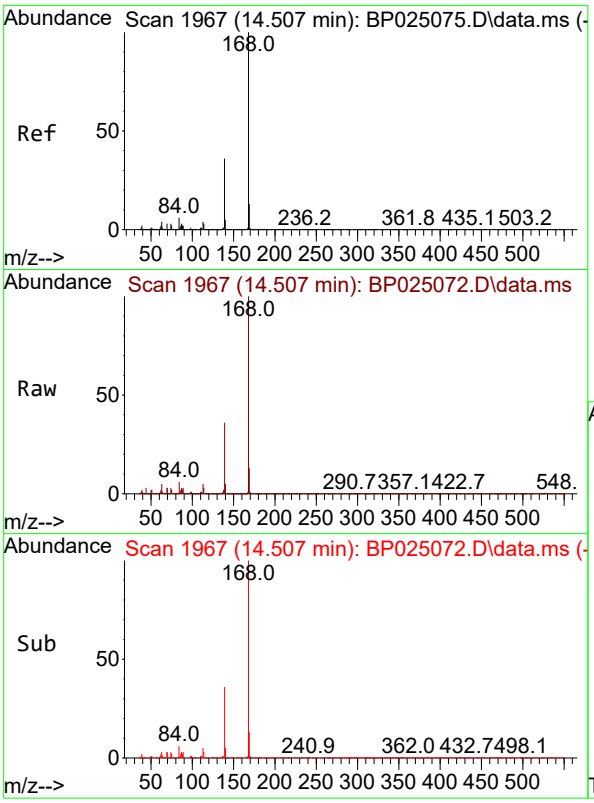


#53
3-Nitroaniline
Concen: 3.491 ng
RT: 13.984 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:138 Resp: 50202

Ion	Ratio	Lower	Upper
138	100		
108	15.4	7.8	11.8#
92	114.2	81.0	121.4



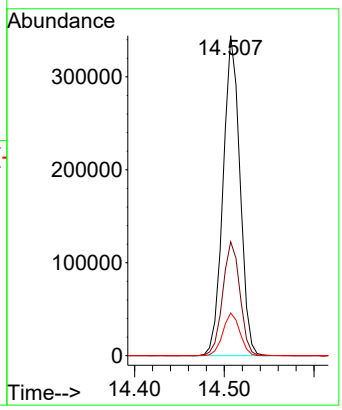


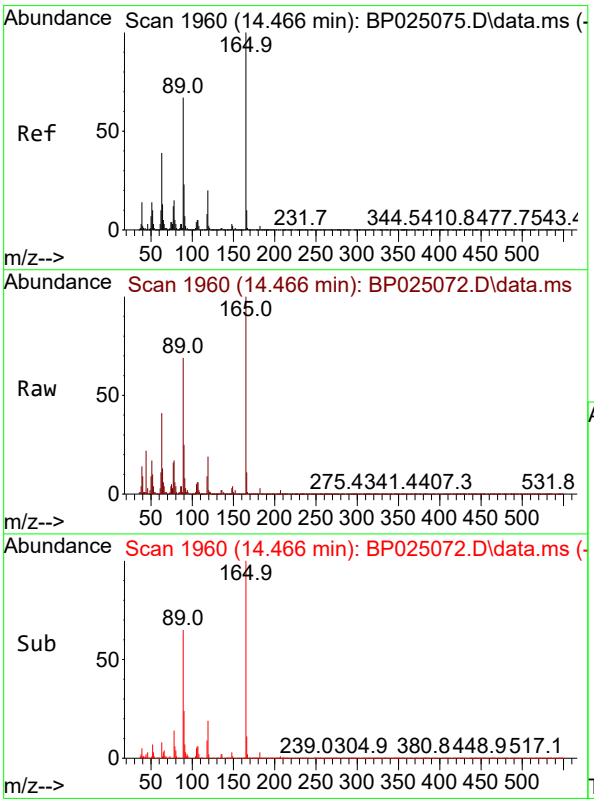
#55
Dibenzofuran
Concen: 5.135 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 449302

Ion	Ratio	Lower	Upper
168	100		
139	35.6	28.6	43.0
169	13.4	10.7	16.1

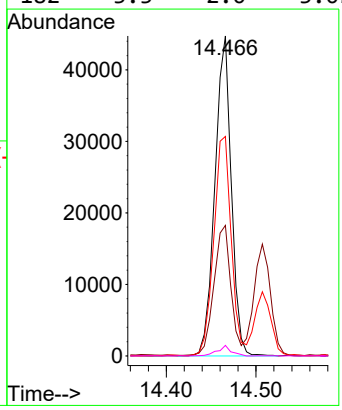


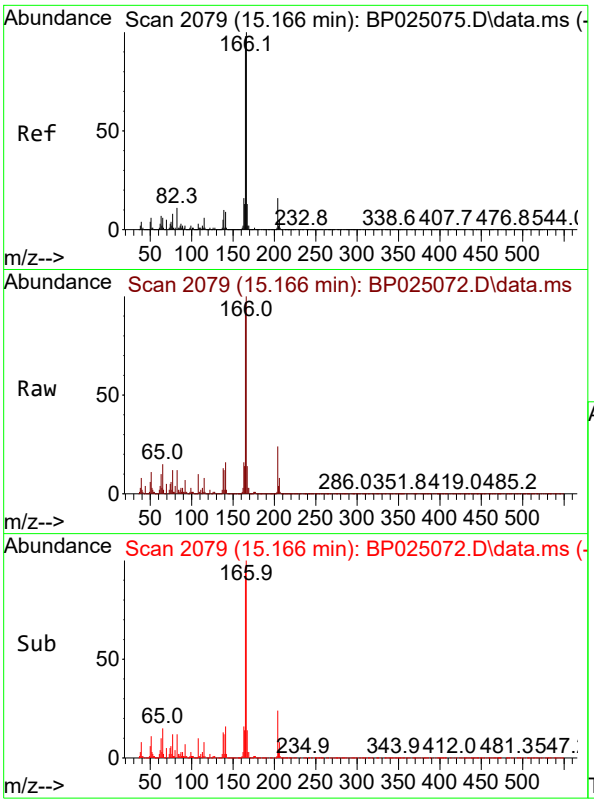


#57
2,4-Dinitrotoluene
Concen: 5.360 ng
RT: 14.466 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:165 Resp: 56730

Ion	Ratio	Lower	Upper
165	100		
63	40.8	31.0	46.4
89	68.6	53.4	80.0
182	3.3	2.0	3.0#



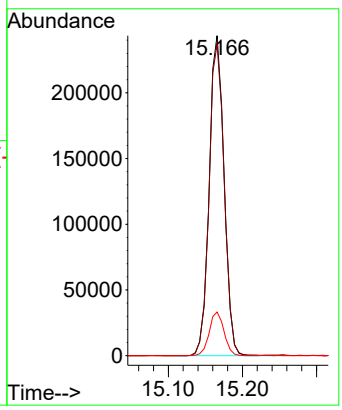


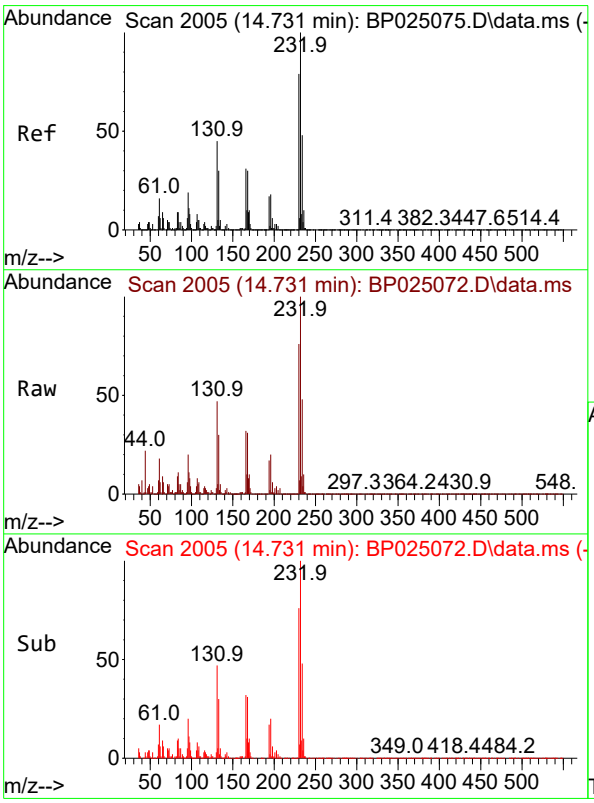
#58
Fluorene
Concen: 5.016 ng
RT: 15.166 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 339444

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.7	10.7	16.1

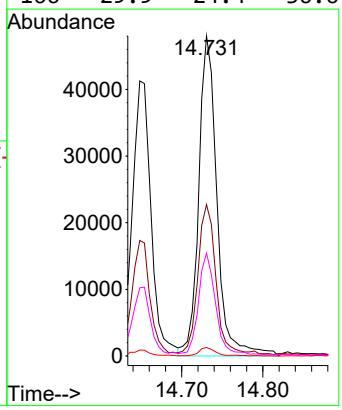


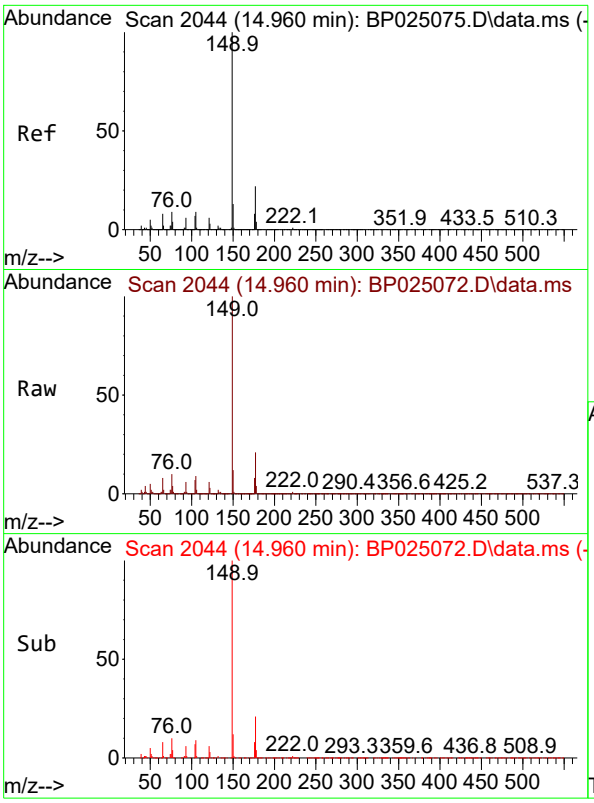


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.270 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:232 Resp: 74947

Ion	Ratio	Lower	Upper
232	100		
131	47.0	35.7	53.5
130	2.5	1.8	2.6
166	29.9	24.4	36.6



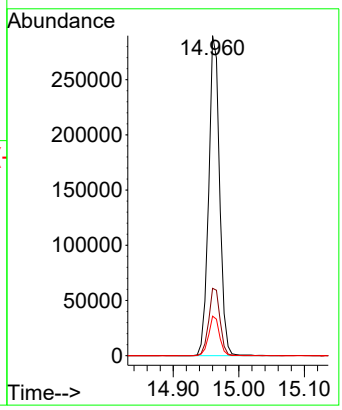


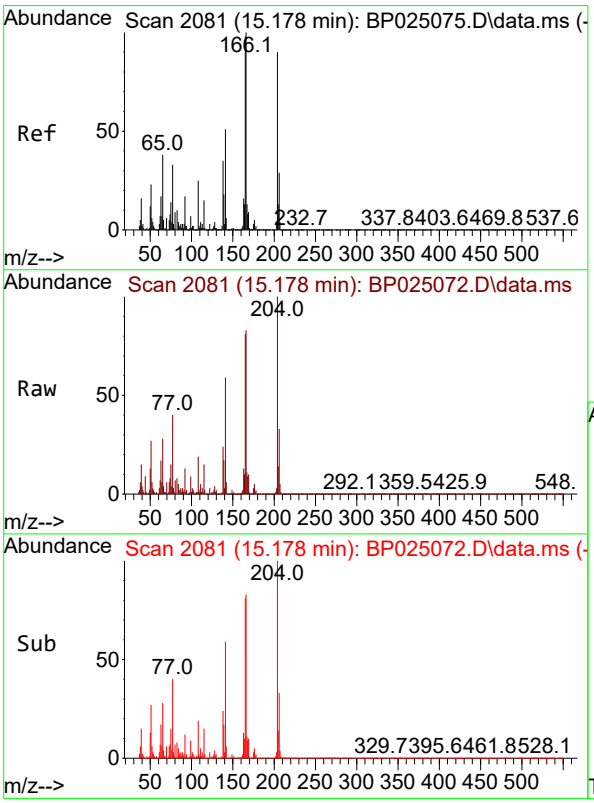
#60
Diethylphthalate
Concen: 4.865 ng
RT: 14.960 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 336119

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.8
150	12.4	10.2	15.2

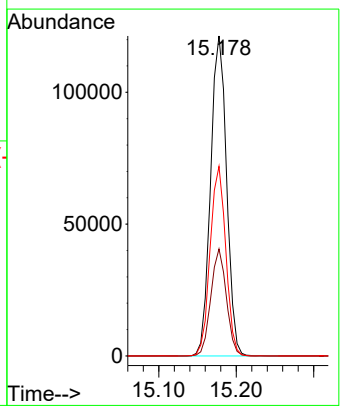


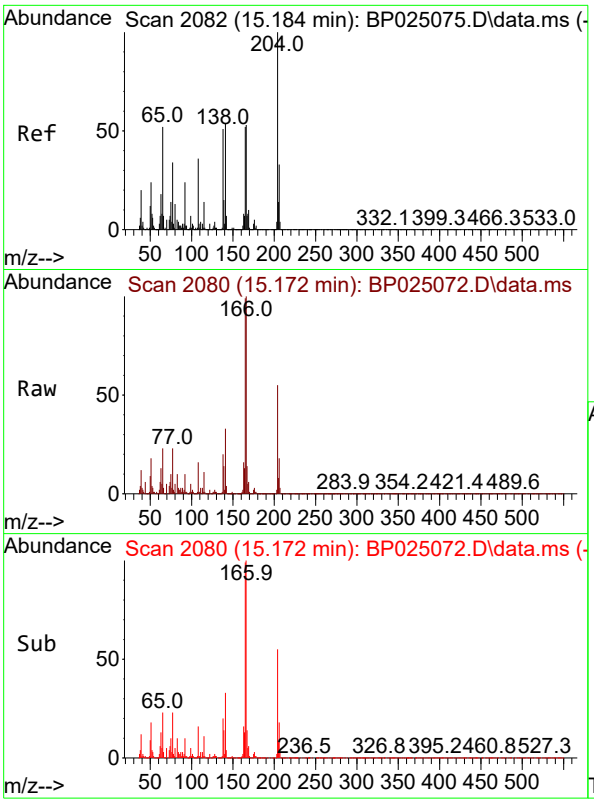


#61
4-Chlorophenyl-phenylether
Concen: 5.212 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:204 Resp: 174567

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.2	45.1	67.7



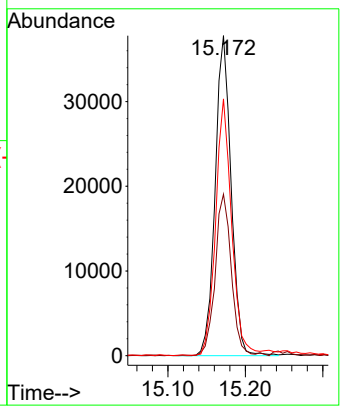


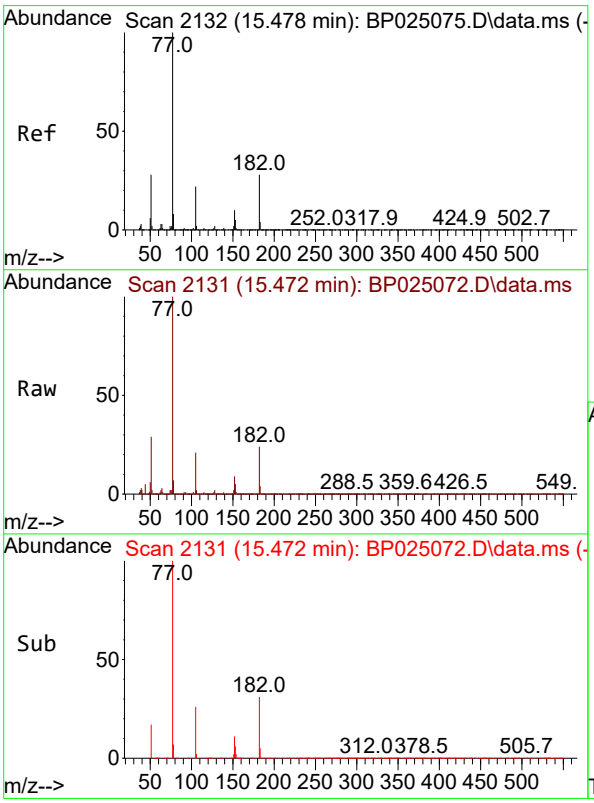
#62
4-Nitroaniline
Concen: 3.594 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 54190

Ion	Ratio	Lower	Upper
138	100		
92	50.4	26.0	66.0
108	80.2	50.0	90.0

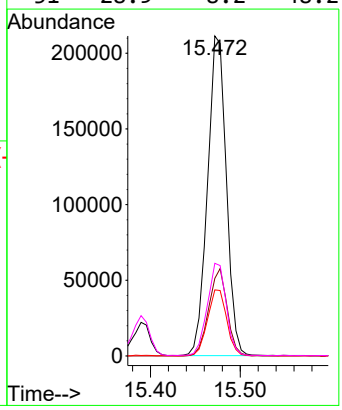


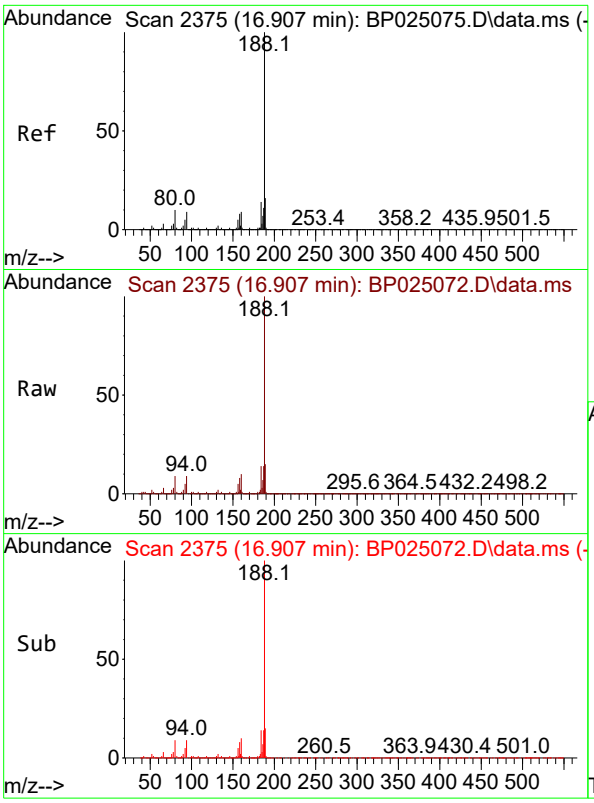


#63
Azobenzene
Concen: 4.995 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion: 77 Resp: 307304

Ion	Ratio	Lower	Upper
77	100		
182	24.3	7.7	47.7
105	20.6	1.9	41.9
51	28.9	8.2	48.2



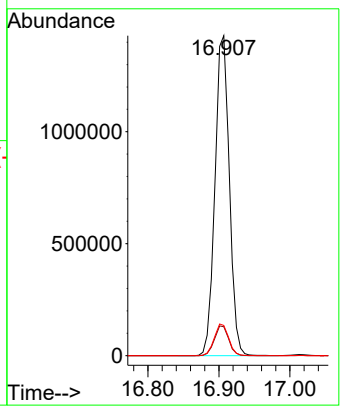


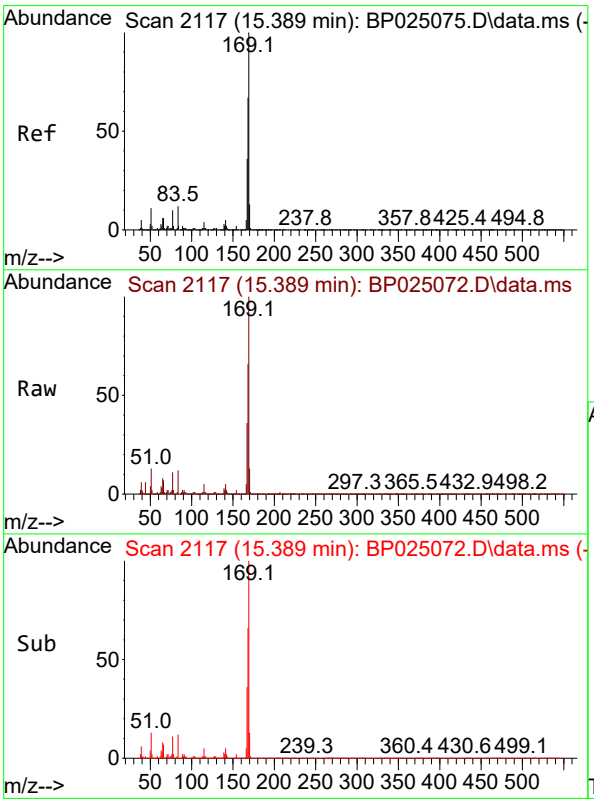
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 1998531

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.3	10.9
80	9.5	7.8	11.6

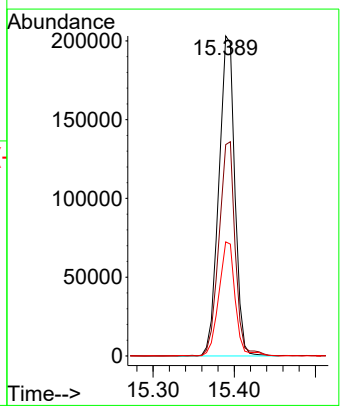


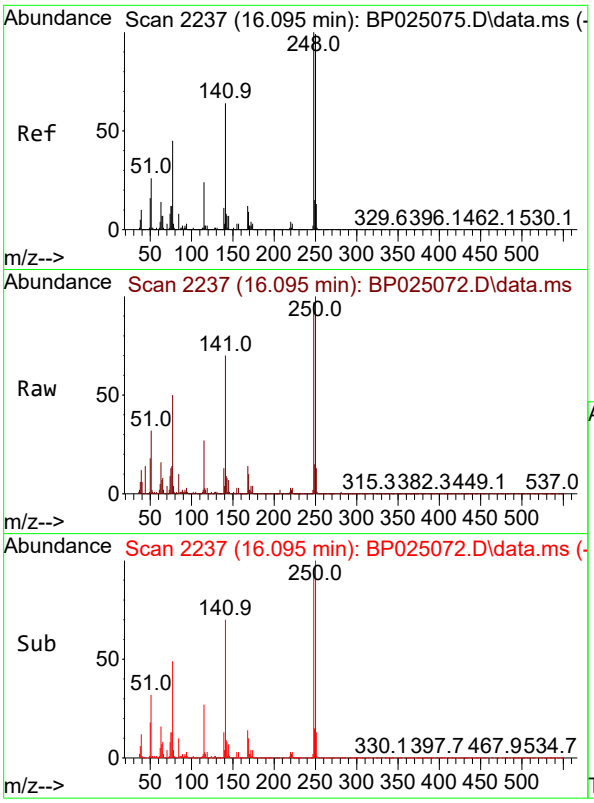


#66
n-Nitrosodiphenylamine
Concen: 4.863 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:169 Resp: 278113

Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.1	81.1
167	35.7	29.0	43.6



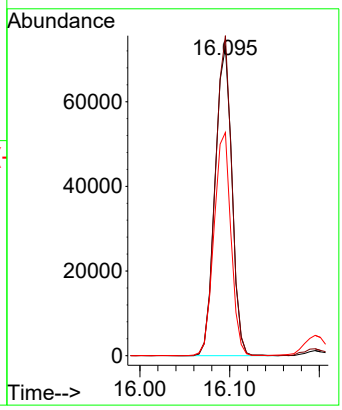


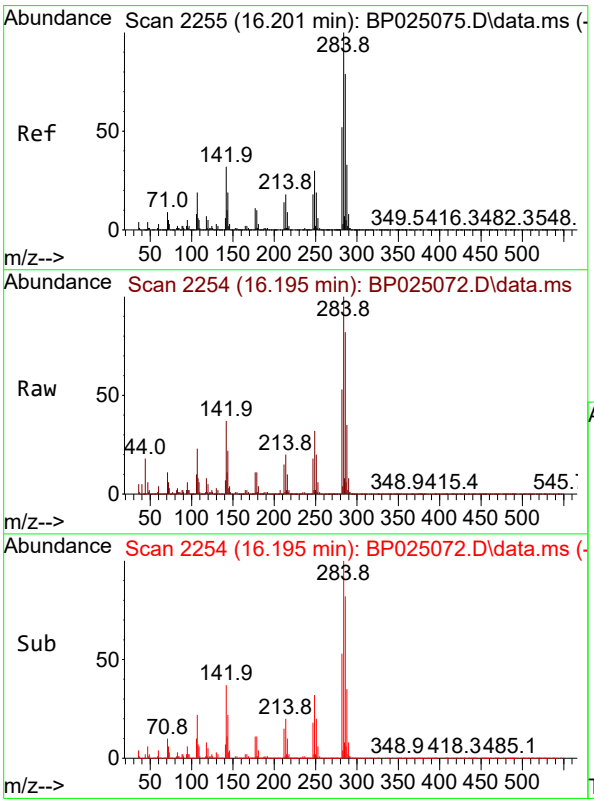
#67
4-Bromophenyl-phenylether
Concen: 4.658 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 95310

Ion	Ratio	Lower	Upper
248	100		
250	103.6	79.4	119.2
141	72.3	51.4	77.0

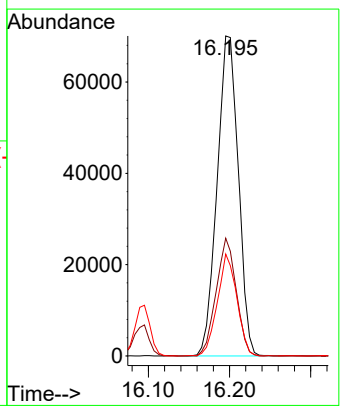


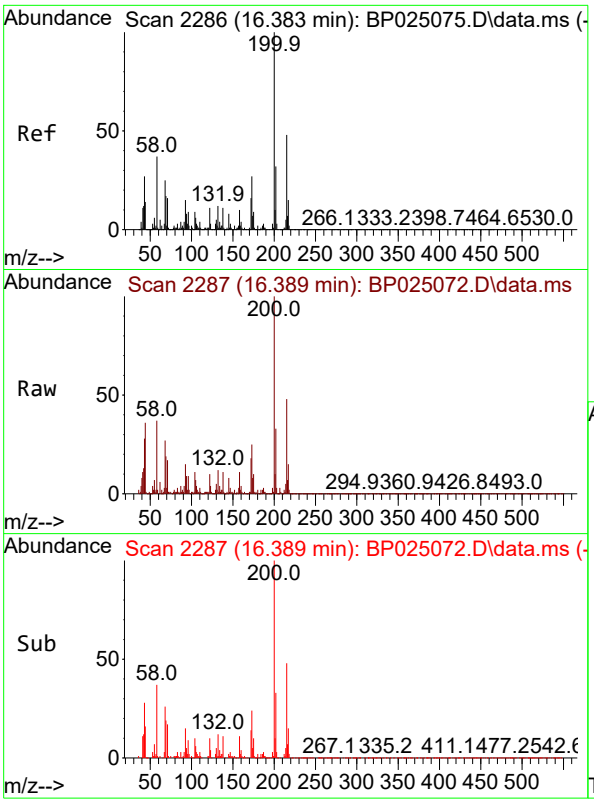


#68
Hexachlorobenzene
Concen: 5.093 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:284 Resp: 127389

Ion	Ratio	Lower	Upper
284	100		
142	36.8	25.9	38.9
249	31.9	23.8	35.8



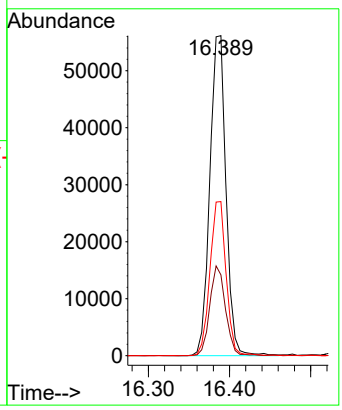


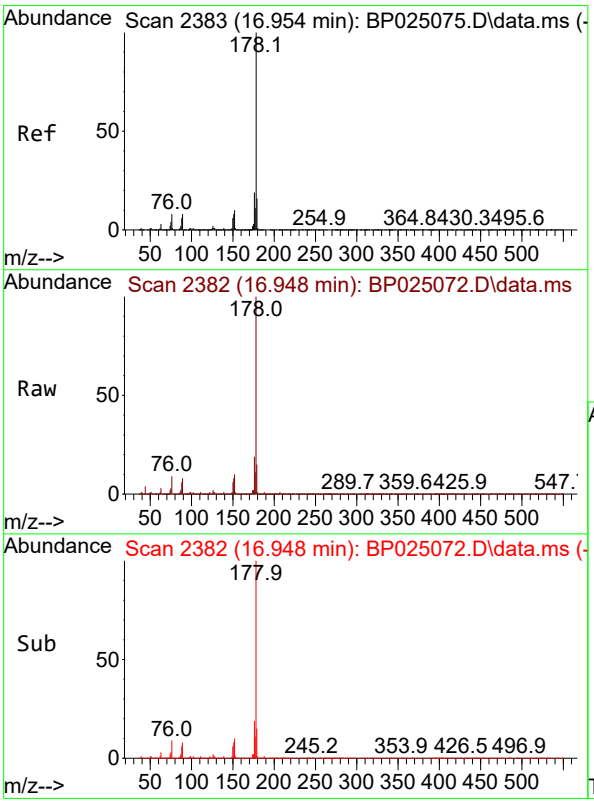
#69
Atrazine
Concen: 4.620 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 77424

Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.6	46.6
215	48.2	28.0	68.0

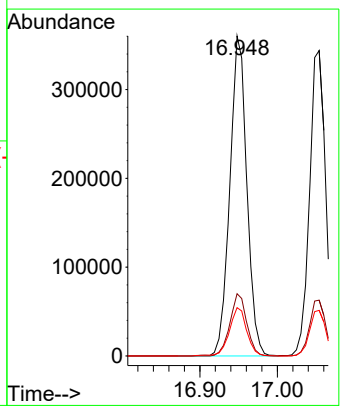


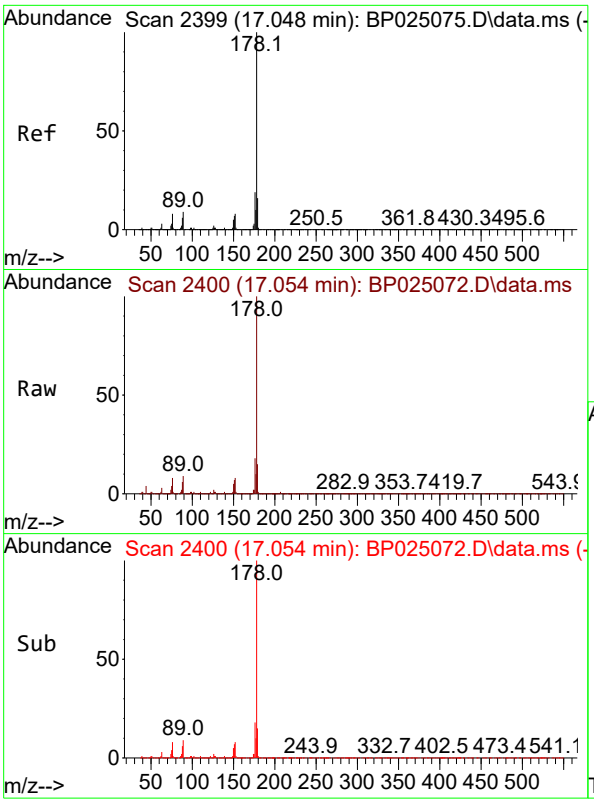


#71
Phenanthrene
Concen: 5.156 ng
RT: 16.948 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:178 Resp: 550598

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.1	12.6	19.0



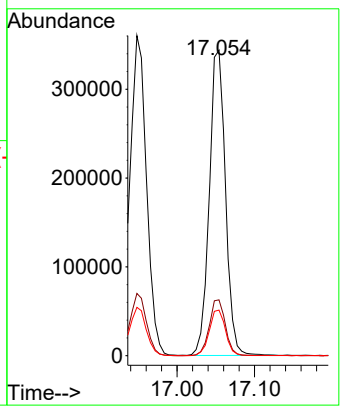


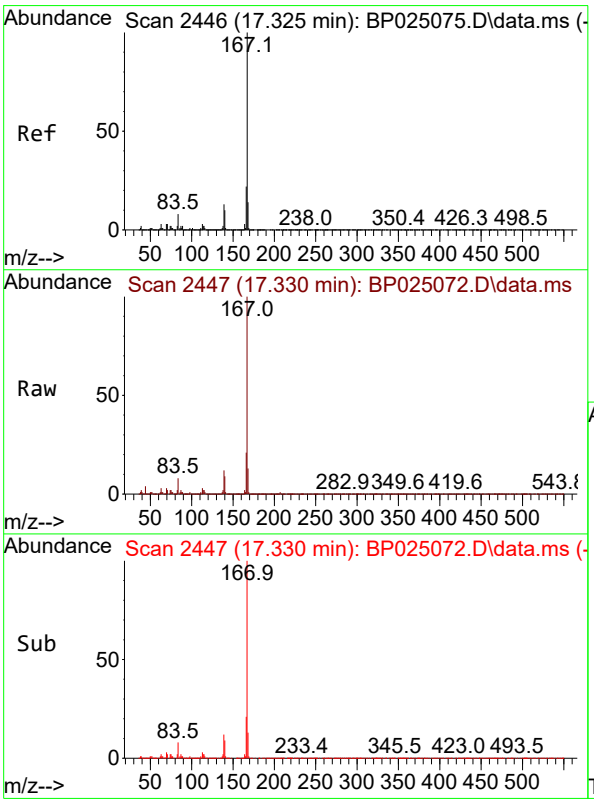
#72
Anthracene
Concen: 4.868 ng
RT: 17.054 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 498692

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.5	18.7

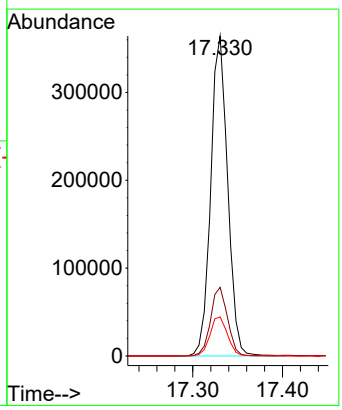


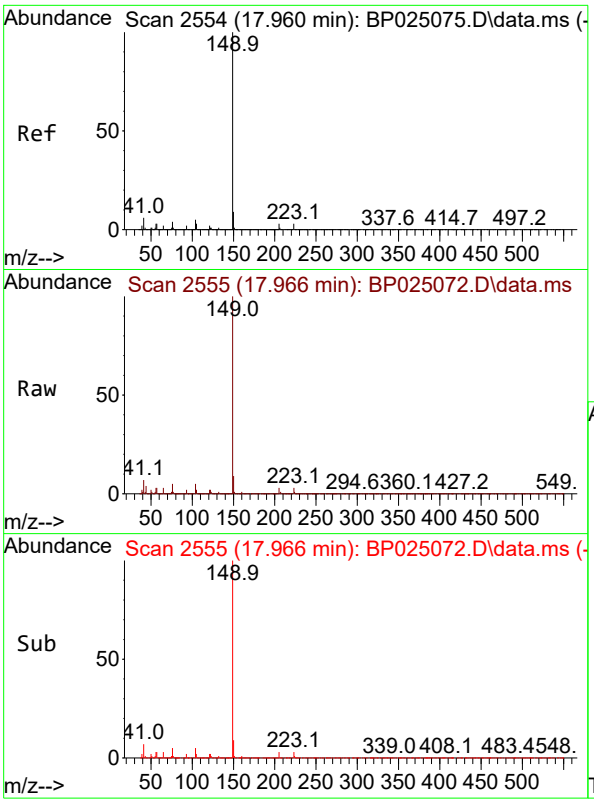


#73
Carbazole
Concen: 4.758 ng
RT: 17.330 min Scan# 2447
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:167 Resp: 476619

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.2	10.4	15.6



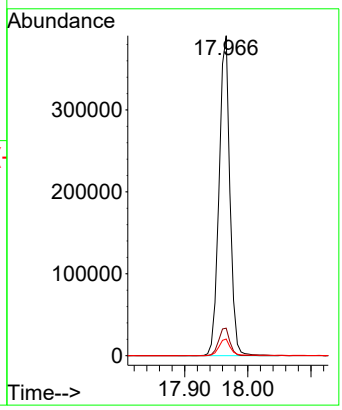


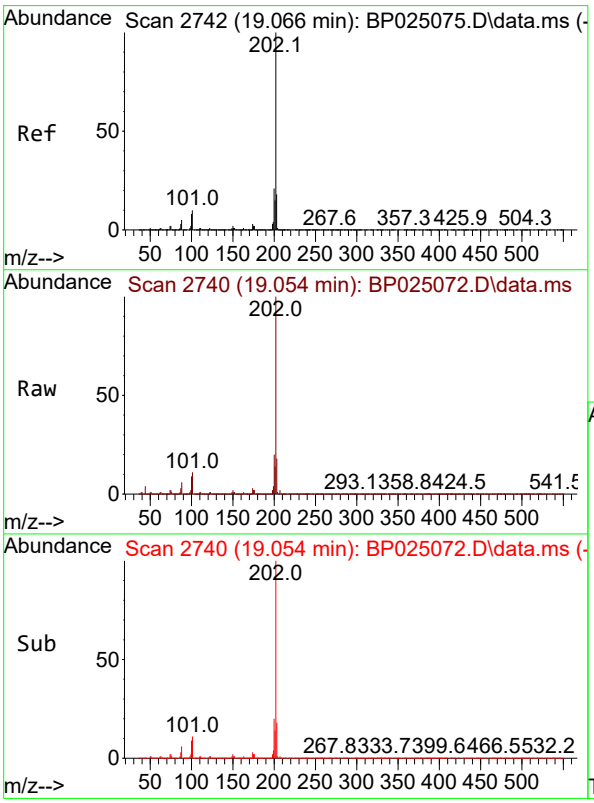
#74
Di-n-butylphthalate
Concen: 4.162 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 464272

Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	5.2	3.8	5.6

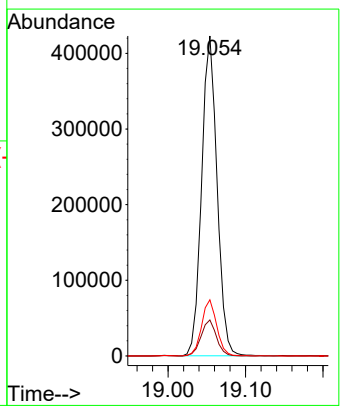


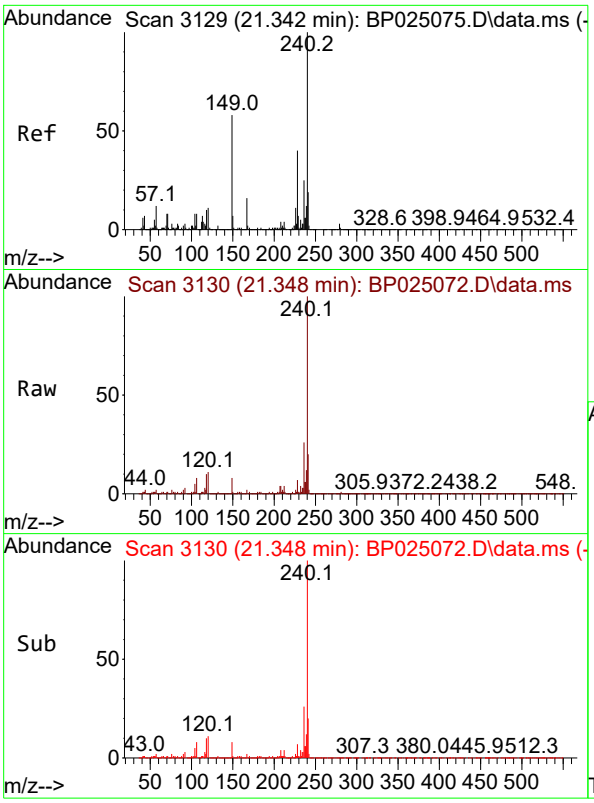


#75
Fluoranthene
Concen: 4.684 ng
RT: 19.054 min Scan# 2740
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 584660

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.4
203	17.6	0.0	37.6



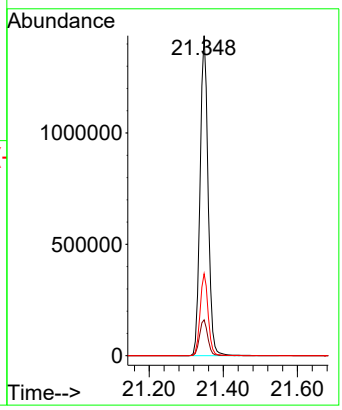


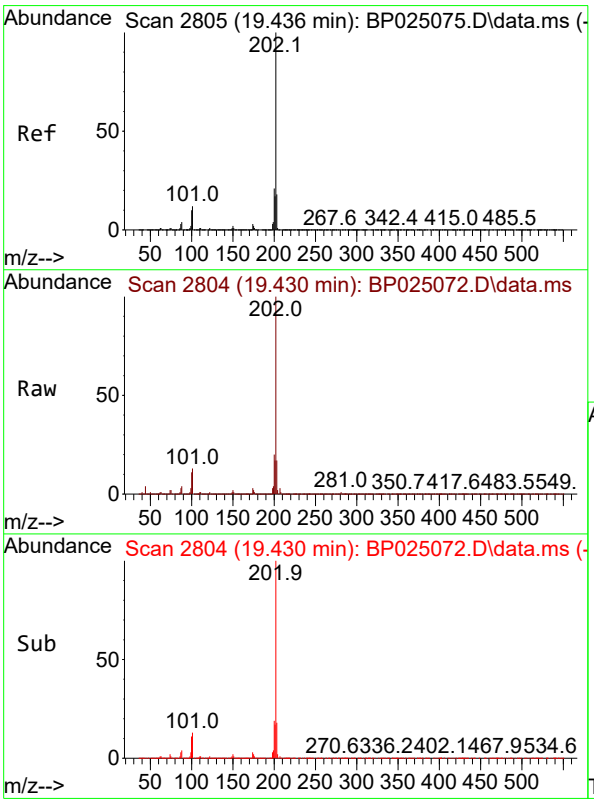
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 2143770

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.6	20.3	30.5

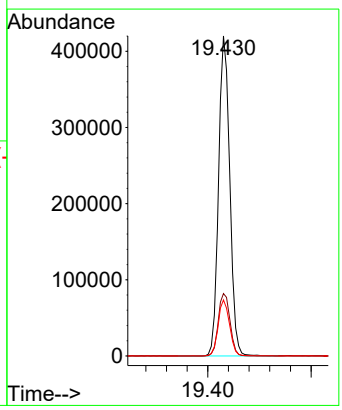


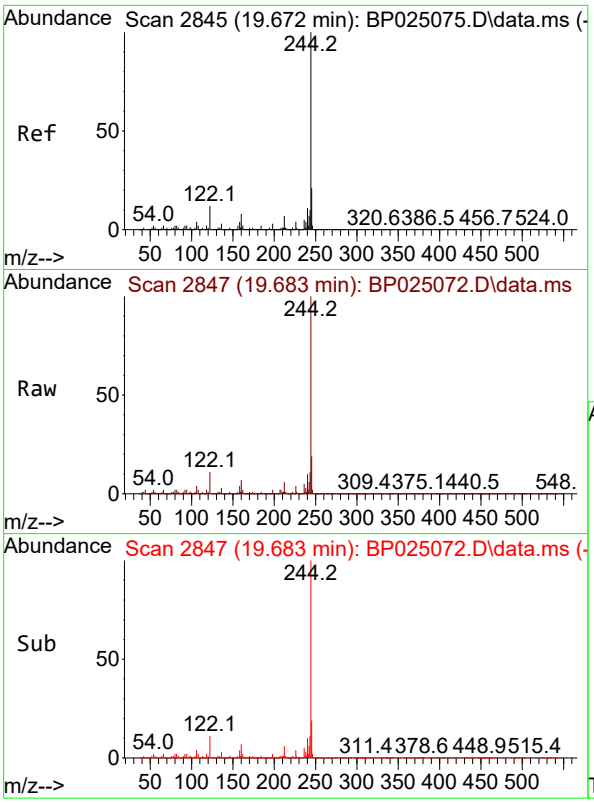


#78
Pyrene
Concen: 4.750 ng
RT: 19.430 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:202 Resp: 630754

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.1	25.7
203	17.5	14.1	21.1



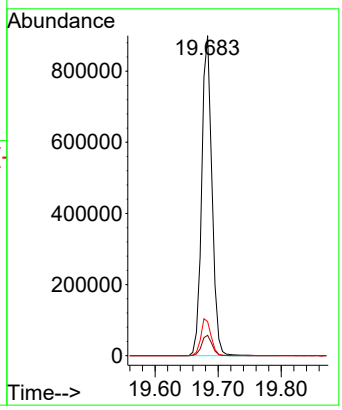


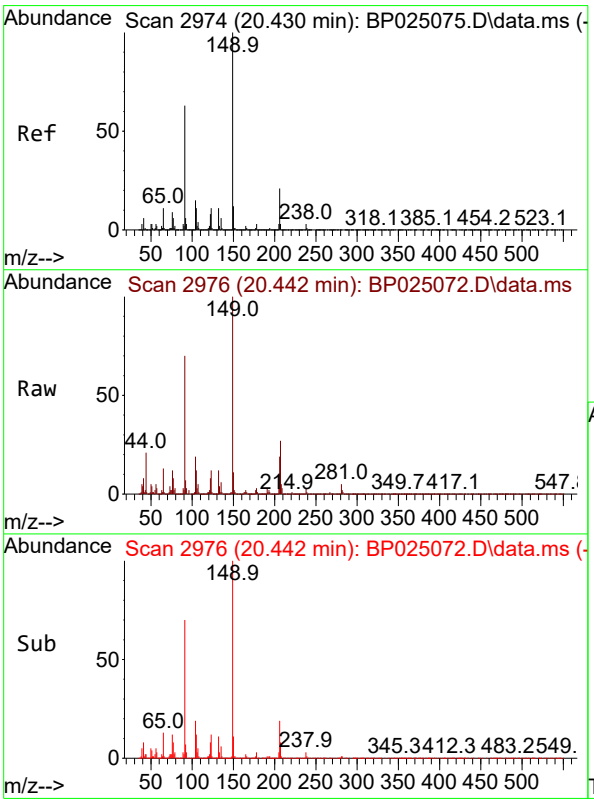
#79
Terphenyl-d14
Concen: 10.363 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 1010825

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.4	14.2

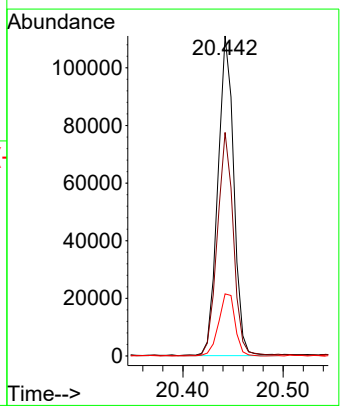


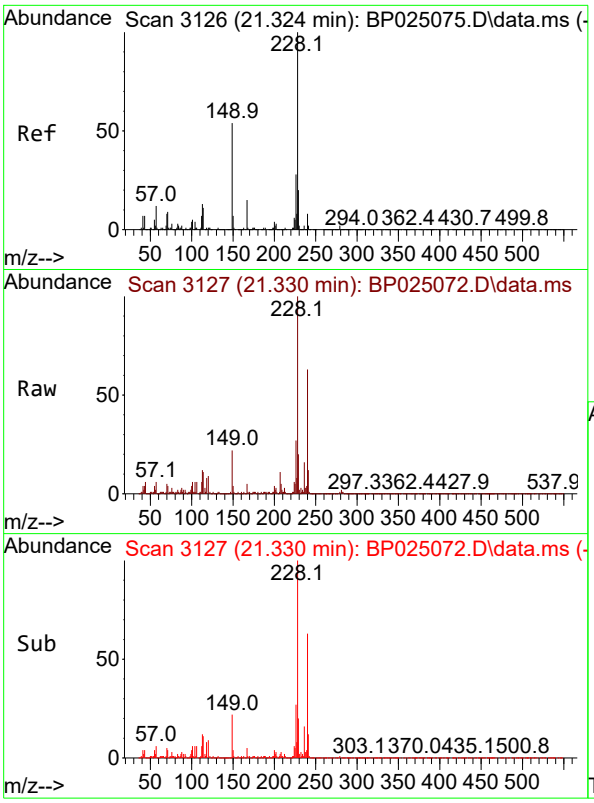


#80
Butylbenzylphthalate
Concen: 5.890 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:149 Resp: 122350

Ion	Ratio	Lower	Upper
149	100		
91	69.9	50.6	76.0
206	19.4	17.2	25.8



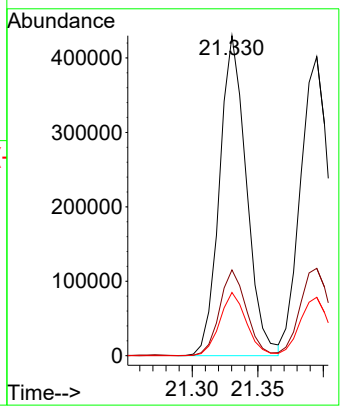


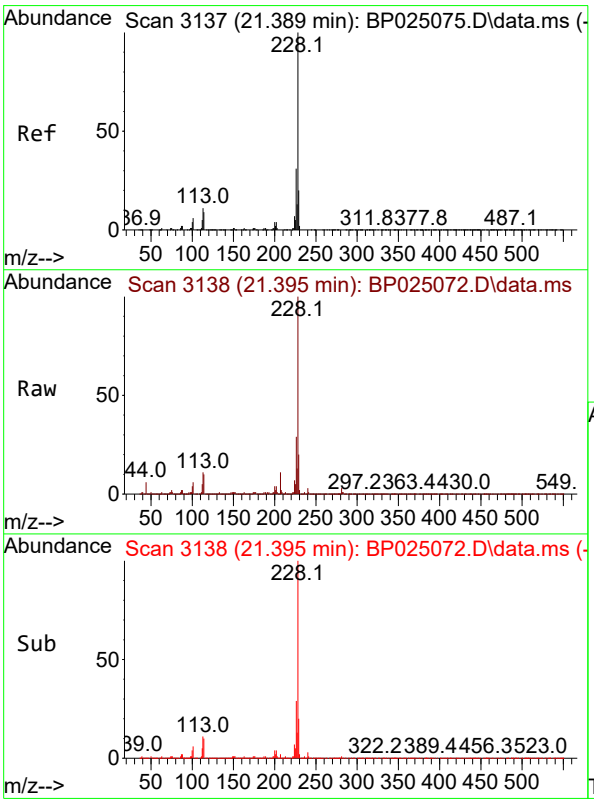
#81
Benzo(a)anthracene
Concen: 4.729 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 614350

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.7	16.0	24.0

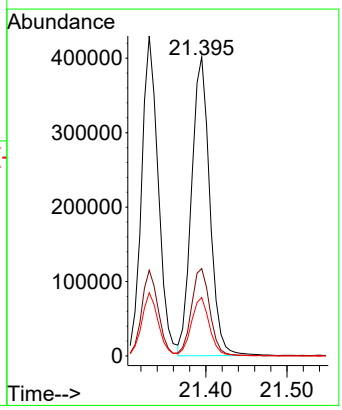


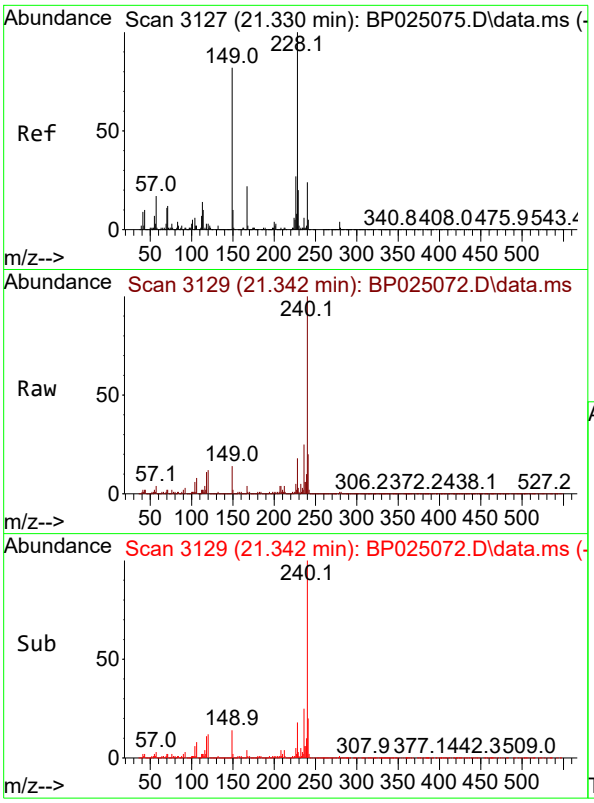


#83
Chrysene
Concen: 5.013 ng
RT: 21.395 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:228 Resp: 626717

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.4	36.6
229	19.5	16.0	24.0



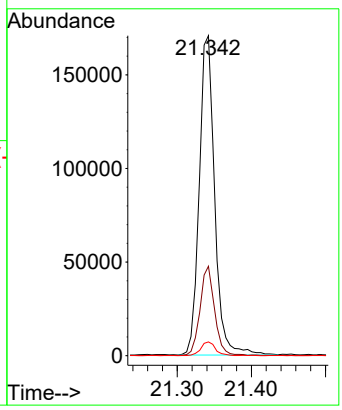


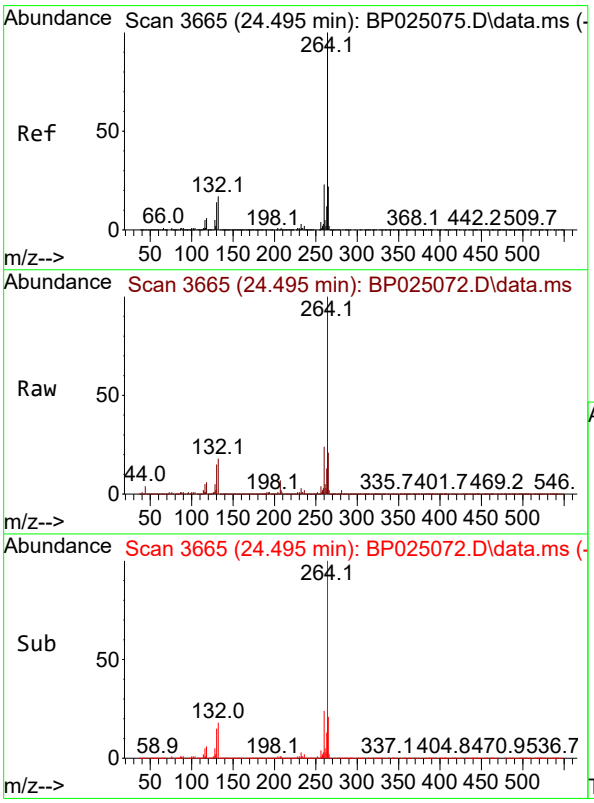
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.541 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 246749

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.9	32.9
279	4.3	3.5	5.3

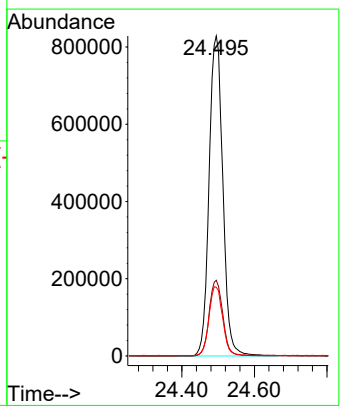


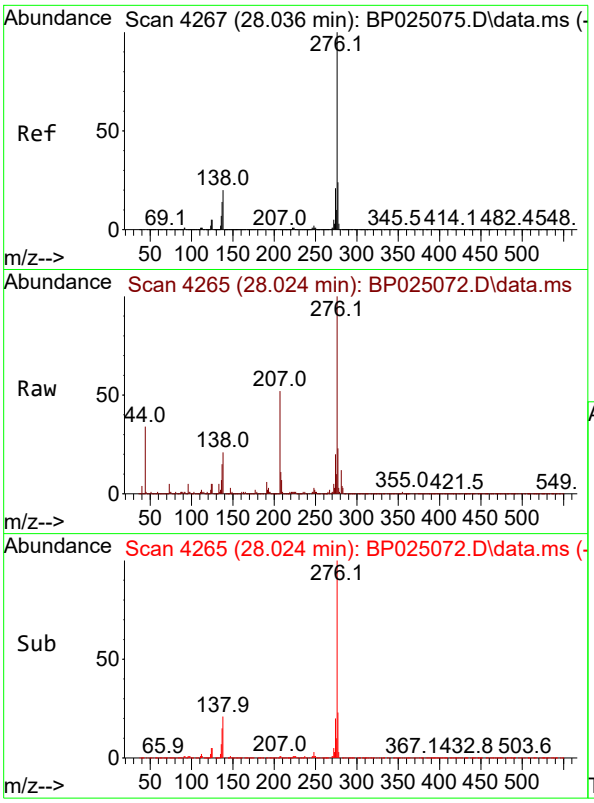


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:264 Resp: 2178150

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.5	17.7	26.5



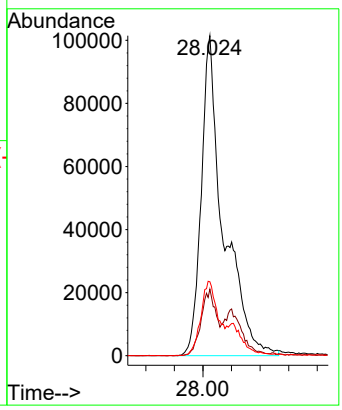


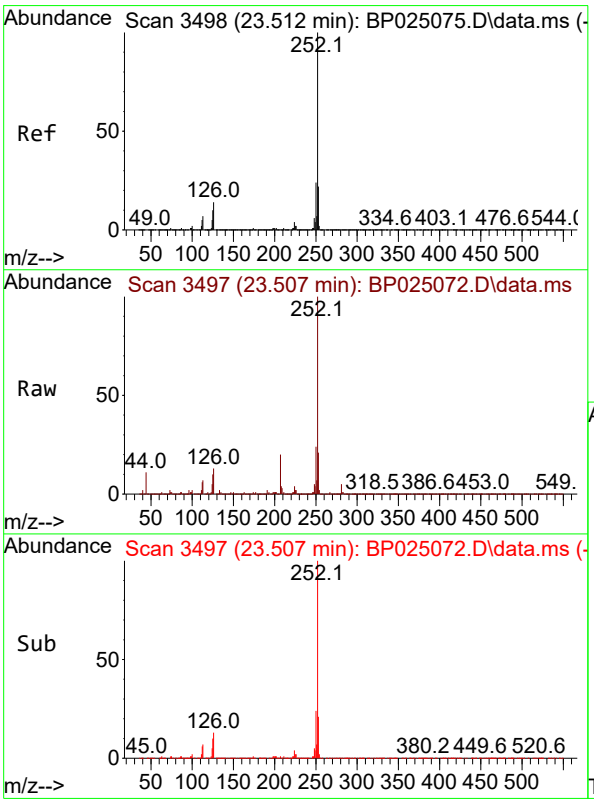
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.935 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 546143

Ion	Ratio	Lower	Upper
276	100		
138	14.0	13.0	19.6
277	17.8	15.9	23.9

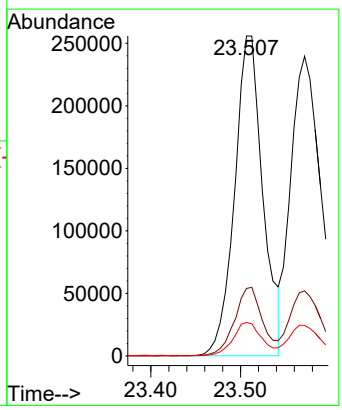


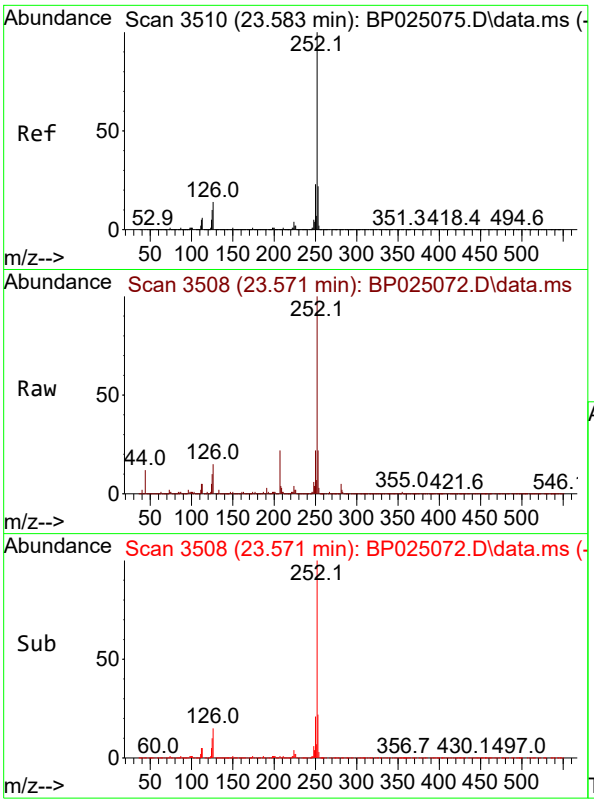


#88
Benzo(b)fluoranthene
Concen: 4.418 ng
RT: 23.507 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 560057

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.7	26.5
125	10.5	8.1	12.1



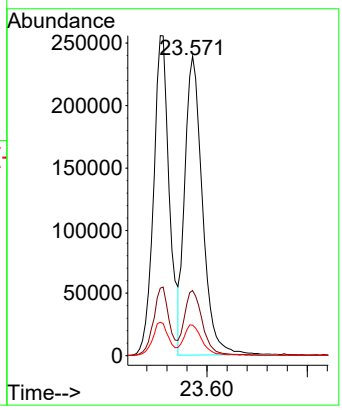


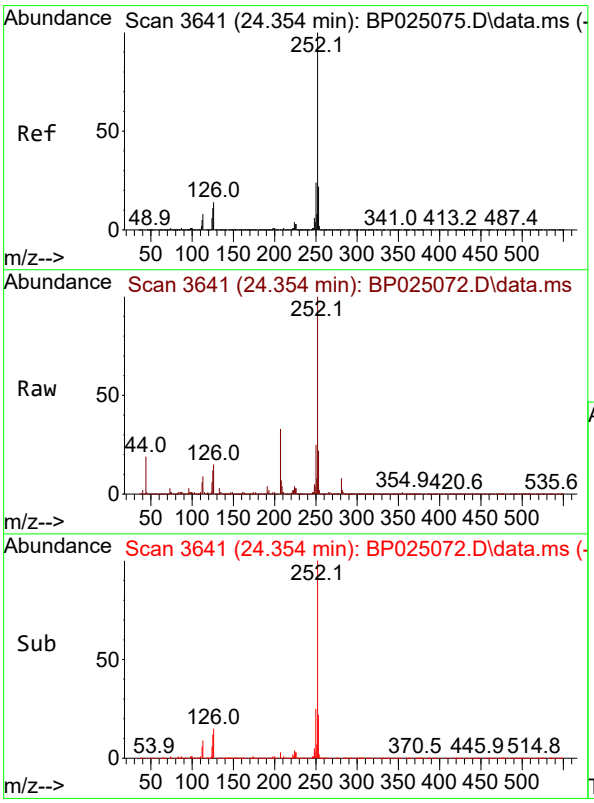
#89
Benzo(k)fluoranthene
Concen: 4.619 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 582662

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.2	8.2	12.2

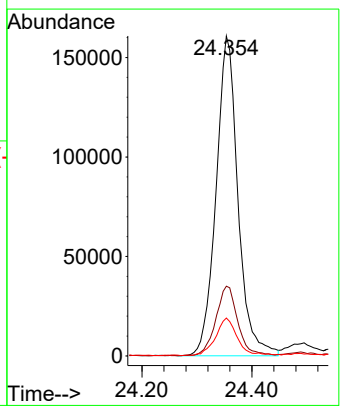


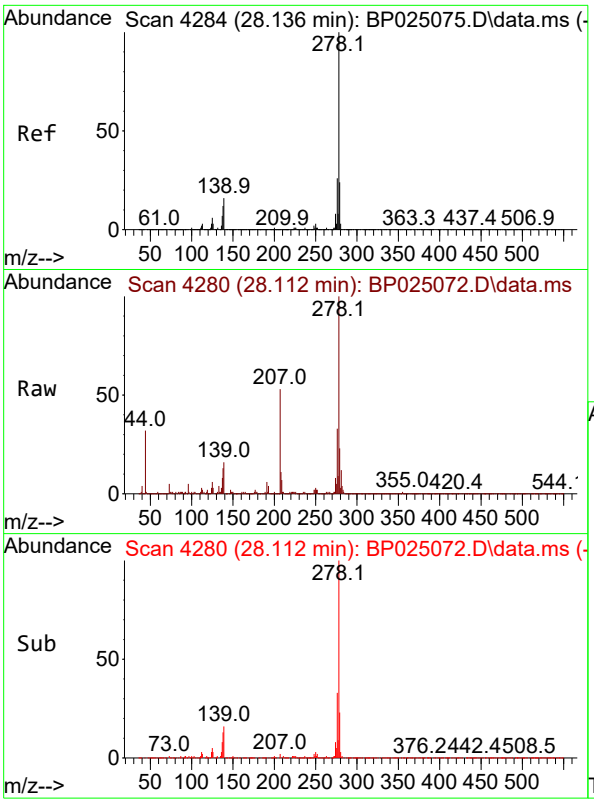


#90
Benzo(a)pyrene
Concen: 4.121 ng
RT: 24.354 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:252 Resp: 444644

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	9.0	13.4



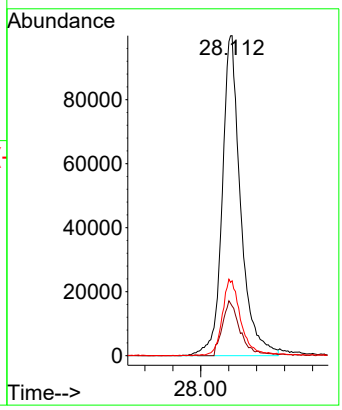


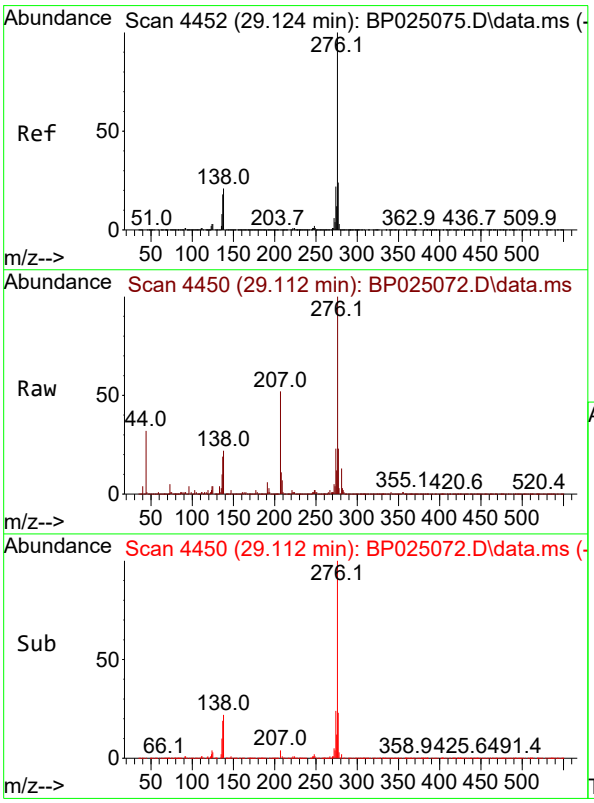
#91
Dibenzo(a,h)anthracene
Concen: 3.988 ng
RT: 28.112 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 457436

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.1	19.7
279	23.4	18.9	28.3

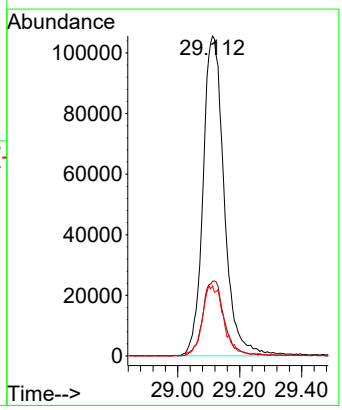




#92
Benzo(g,h,i)perylene
Concen: 4.207 ng
RT: 29.112 min Scan# 4450
Delta R.T. -0.012 min
Lab File: BP025072.D
Acq: 03 Jul 2025 10:21

Tgt Ion:276 Resp: 498456

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	21.9	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.449	152	342992	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	1376560	20.000	ng		0.01
39) Acenaphthene-d10	14.096	164	924609	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1970410	20.000	ng		0.00
76) Chrysene-d12	21.342	240	2172955	20.000	ng		0.00
86) Perylene-d12	24.489	264	2220570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	376746	19.462	ng		0.00
7) Phenol-d6	6.631	99	482699	19.108	ng		0.00
23) Nitrobenzene-d5	8.566	82	381978	18.454	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	198235	18.149	ng		0.00
45) 2-Fluorobiphenyl	12.701	172	1211432	20.297	ng		0.00
79) Terphenyl-d14	19.672	244	1997838	20.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	77575	10.306	ng		98
3) Pyridine	3.490	79	197662	9.598	ng		97
4) n-Nitrosodimethylamine	3.408	42	85827	9.836	ng	#	92
6) Aniline	6.790	93	227023	9.619	ng		98
8) 2-Chlorophenol	7.014	128	206980	9.556	ng		96
9) Benzaldehyde	6.602	77	154921	11.743	ng		98
10) Phenol	6.655	94	250593	9.763	ng		99
11) bis(2-Chloroethyl)ether	6.890	93	195263	9.885	ng		98
12) 1,3-Dichlorobenzene	7.343	146	245857	10.143	ng		98
13) 1,4-Dichlorobenzene	7.478	146	245523	10.004	ng		98
14) 1,2-Dichlorobenzene	7.790	146	237961	10.079	ng		98
15) Benzyl Alcohol	7.678	79	152168	9.025	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.978	45	260708	10.150	ng		97
17) 2-Methylphenol	7.878	107	155778	9.422	ng		98
18) Hexachloroethane	8.502	117	75576	9.453	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	146424	9.774	ng		97
20) 3+4-Methylphenols	8.196	107	213641	9.225	ng		97
22) Acetophenone	8.243	105	330725	10.159	ng		98
24) Nitrobenzene	8.608	77	201551	9.560	ng		99
25) Isophorone	9.137	82	367740	9.507	ng		100
26) 2-Nitrophenol	9.313	139	63769	9.106	ng		92
27) 2,4-Dimethylphenol	9.390	122	134296	9.307	ng		97
28) bis(2-Chloroethoxy)met...	9.625	93	255336	9.722	ng		99
29) 2,4-Dichlorophenol	9.843	162	181263	9.059	ng		99
30) 1,2,4-Trichlorobenzene	10.066	180	219650	9.913	ng		99
31) Naphthalene	10.243	128	709141	10.005	ng		99
32) Benzoic acid	9.455	122	79225	10.455	ng		95
33) 4-Chloroaniline	10.343	127	254489	9.621	ng		98
34) Hexachlorobutadiene	10.549	225	124190	9.767	ng		99
35) Caprolactam	11.084	113	59547	8.700	ng		94
36) 4-Chloro-3-methylphenol	11.478	107	192224	9.193	ng		99
37) 2-Methylnaphthalene	11.872	142	489608	9.790	ng		99
38) 1-Methylnaphthalene	12.084	142	484403	9.931	ng		100
40) 1,2,4,5-Tetrachloroben...	12.249	216	253871	9.554	ng		99
41) Hexachlorocyclopentadiene	12.243	237	55283	7.965	ng		96
43) 2,4,6-Trichlorophenol	12.490	196	136269	8.469	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

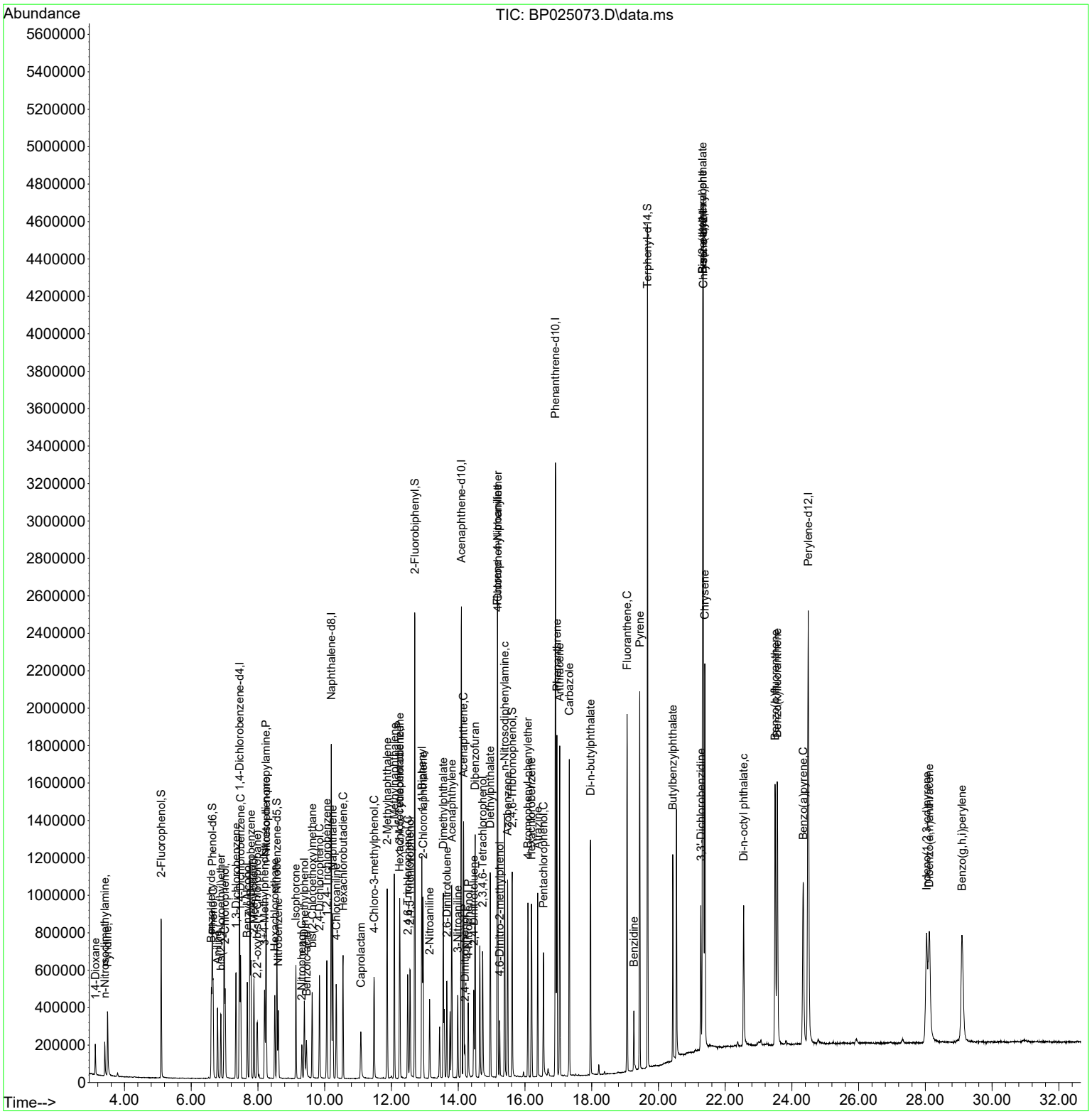
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	161200	8.840	ng		98
46) 1,1'-Biphenyl	12.913	154	663919	9.869	ng		99
47) 2-Chloronaphthalene	12.949	162	503580	9.959	ng		98
48) 2-Nitroaniline	13.143	65	85669	9.283	ng		97
49) Acenaphthylene	13.807	152	750027	9.692	ng		99
50) Dimethylphthalate	13.554	163	636102	9.828	ng		99
51) 2,6-Dinitrotoluene	13.660	165	110177	8.728	ng		95
52) Acenaphthene	14.160	154	496424m	9.953	ng		
53) 3-Nitroaniline	13.990	138	114723	8.481	ng	#	95
54) 2,4-Dinitrophenol	14.201	184	35399	10.737	ng		96
55) Dibenzofuran	14.507	168	838464	10.186	ng		100
56) 4-Nitrophenol	14.301	139	98038	7.853	ng		92
57) 2,4-Dinitrotoluene	14.466	165	131885	9.365	ng		98
58) Fluorene	15.172	166	639683	10.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	146800	8.890	ng		97
60) Diethylphthalate	14.960	149	636288	9.788	ng		98
61) 4-Chlorophenyl-phenyle...	15.184	204	317737	10.084	ng		98
62) 4-Nitroaniline	15.178	138	123493	8.706	ng		93
63) Azobenzene	15.478	77	589360	10.181	ng		97
65) 4,6-Dinitro-2-methylph...	15.243	198	52978	10.800	ng		87
66) n-Nitrosodiphenylamine	15.390	169	539820	9.573	ng		99
67) 4-Bromophenyl-phenylether	16.090	248	186736	9.256	ng		93
68) Hexachlorobenzene	16.195	284	236838	9.604	ng		98
69) Atrazine	16.384	200	164479	9.954	ng		100
70) Pentachlorophenol	16.554	266	129459	7.774	ng		98
71) Phenanthrene	16.960	178	1068228	10.146	ng		99
72) Anthracene	17.042	178	980773	9.710	ng		99
73) Carbazole	17.331	167	979377	9.917	ng		99
74) Di-n-butylphthalate	17.966	149	979540	8.907	ng		100
75) Fluoranthene	19.060	202	1203752	9.781	ng		99
77) Benzidine	19.266	184	192008	5.003	ng		99
78) Pyrene	19.442	202	1286495	9.559	ng		99
80) Butylbenzylphthalate	20.430	149	300028	9.024	ng		95
81) Benzo(a)anthracene	21.325	228	1276106	9.691	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	270931	6.834	ng		99
83) Chrysene	21.389	228	1246003	9.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.325	149	564998	7.999	ng		97
85) Di-n-octyl phthalate	22.554	149	662011	10.561	ng		97
87) Indeno(1,2,3-cd)pyrene	28.042	276	1222863	8.642	ng		98
88) Benzo(b)fluoranthene	23.495	252	1180548	9.134	ng		100
89) Benzo(k)fluoranthene	23.560	252	1252989	9.743	ng		99
90) Benzo(a)pyrene	24.342	252	963455	8.758	ng		99
91) Dibenzo(a,h)anthracene	28.118	278	1022797	8.747	ng		100
92) Benzo(g,h,i)perylene	29.095	276	1073371	8.886	ng		99

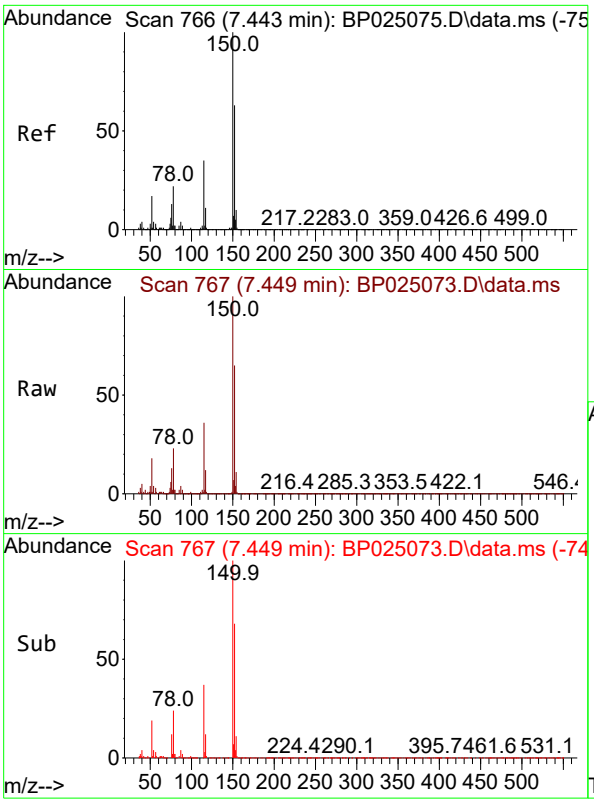
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025073.D
Acq On : 03 Jul 2025 11:02
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 03 15:51:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration



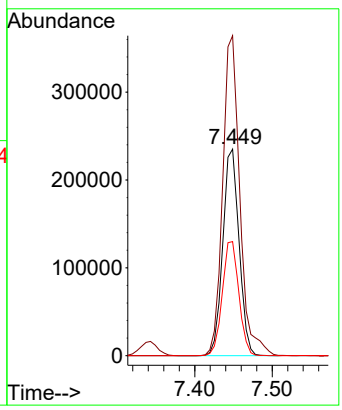


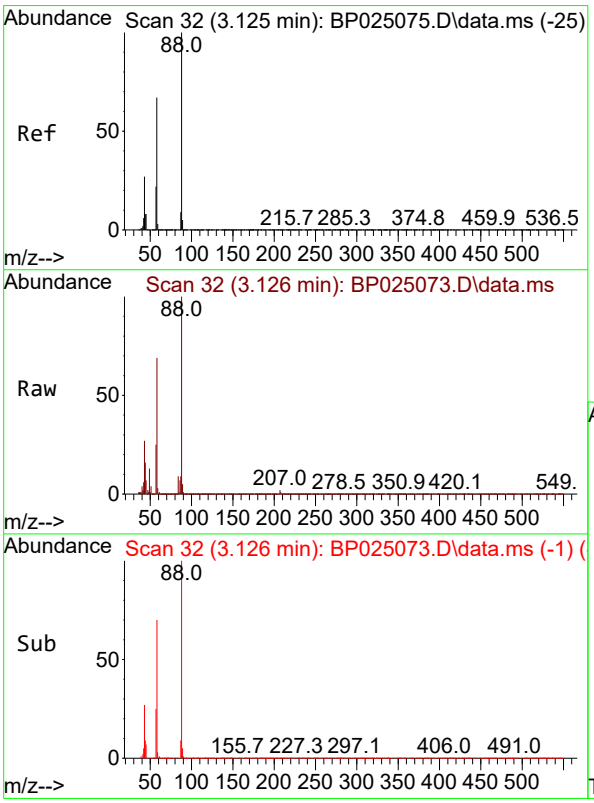
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.449 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 342992

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.1	189.1
115	55.2	44.3	66.5

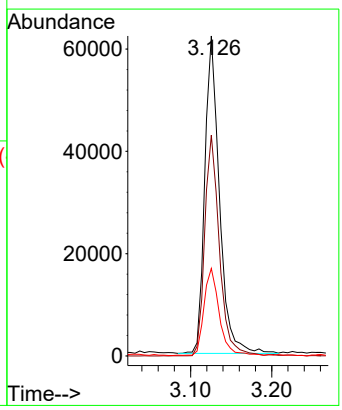


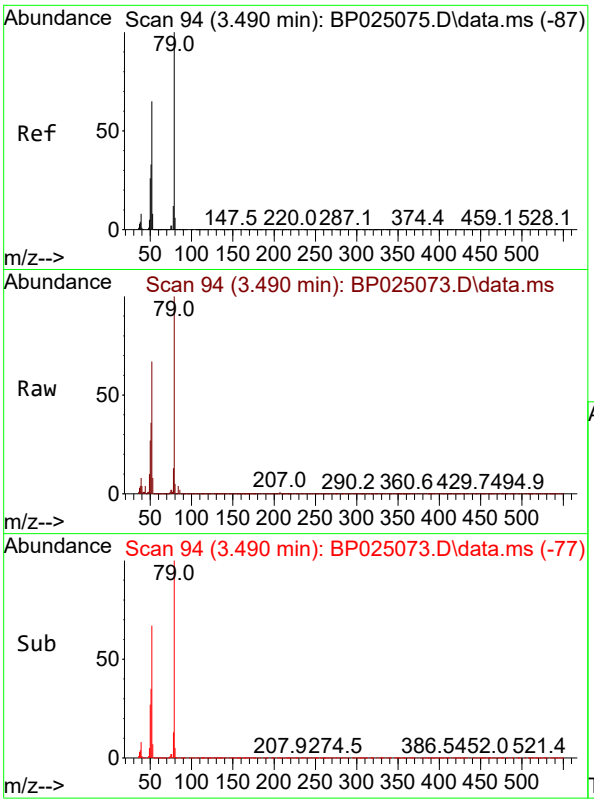


#2
1,4-Dioxane
Concen: 10.306 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 88 Resp: 77575

Ion	Ratio	Lower	Upper
88	100		
58	70.0	55.0	82.4
43	28.7	21.9	32.9



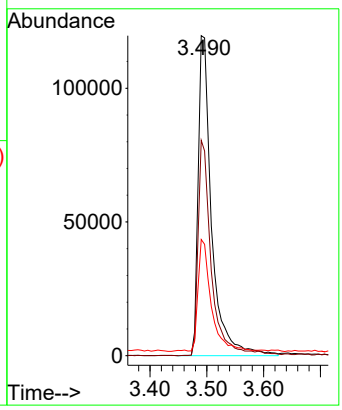


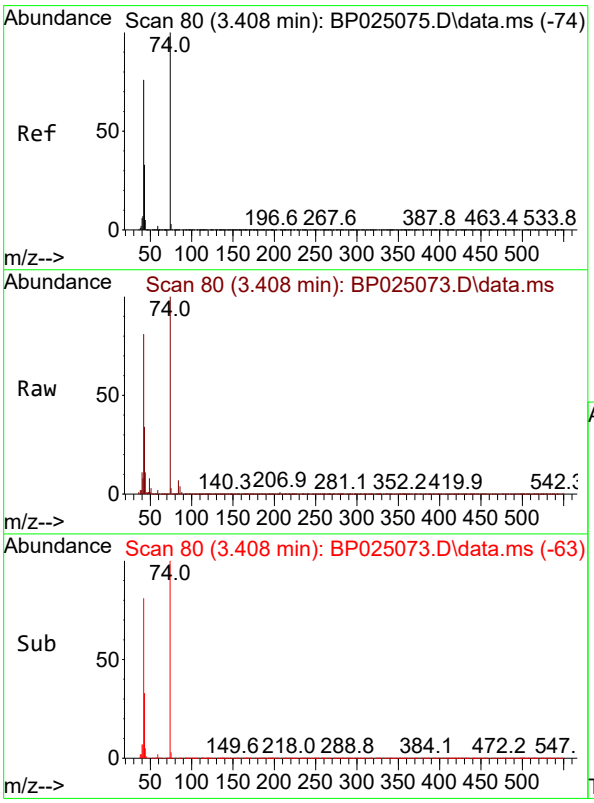
#3
Pyridine
Concen: 9.598 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 197662

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	36.3	26.8	40.2

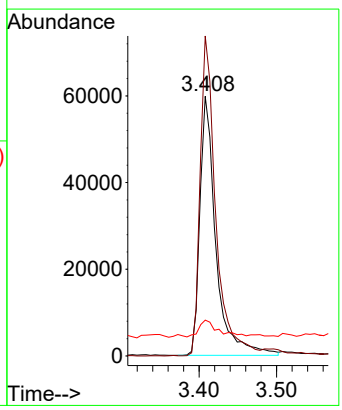


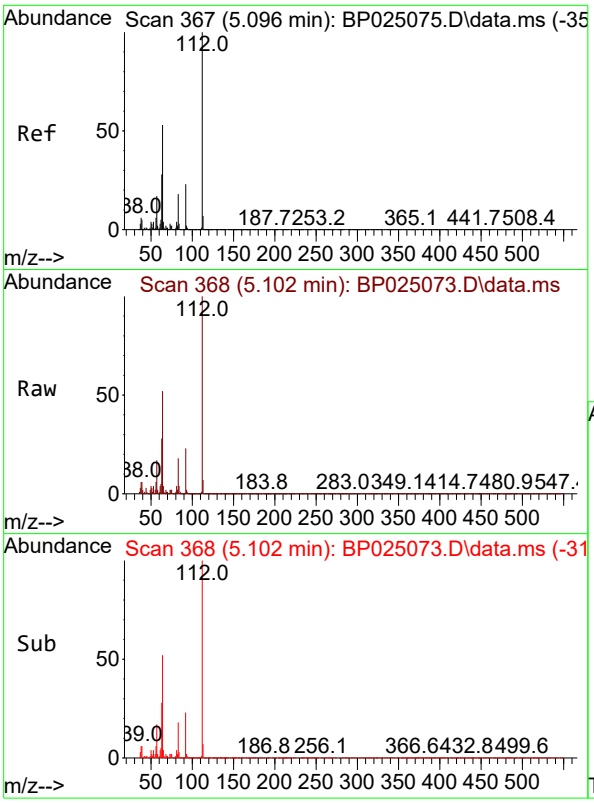


#4
n-Nitrosodimethylamine
Concen: 9.836 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 42 Resp: 85827

Ion	Ratio	Lower	Upper
42	100		
74	123.2	105.2	157.8
44	13.8	6.6	9.8#



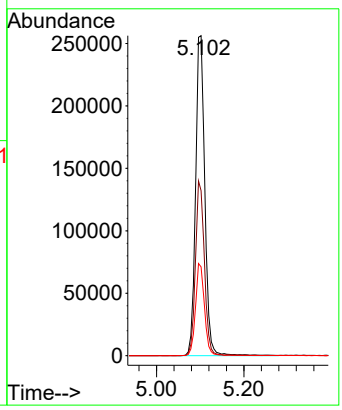


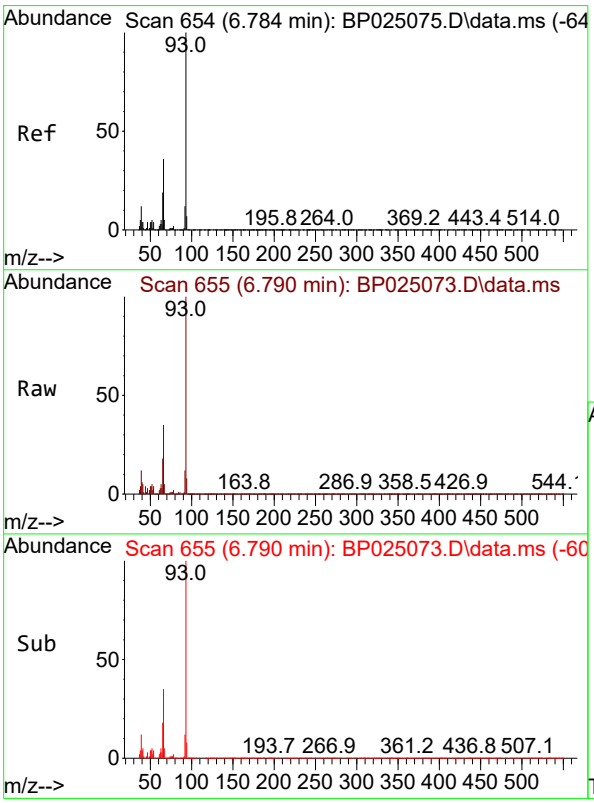
#5
2-Fluorophenol
Concen: 19.462 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 376746

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.0	63.0
63	27.7	22.2	33.2

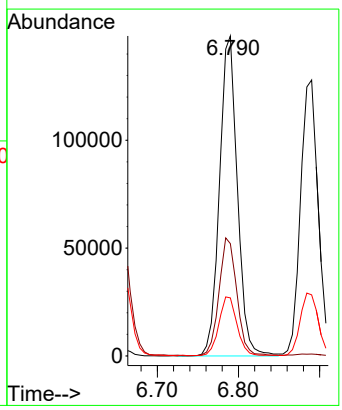


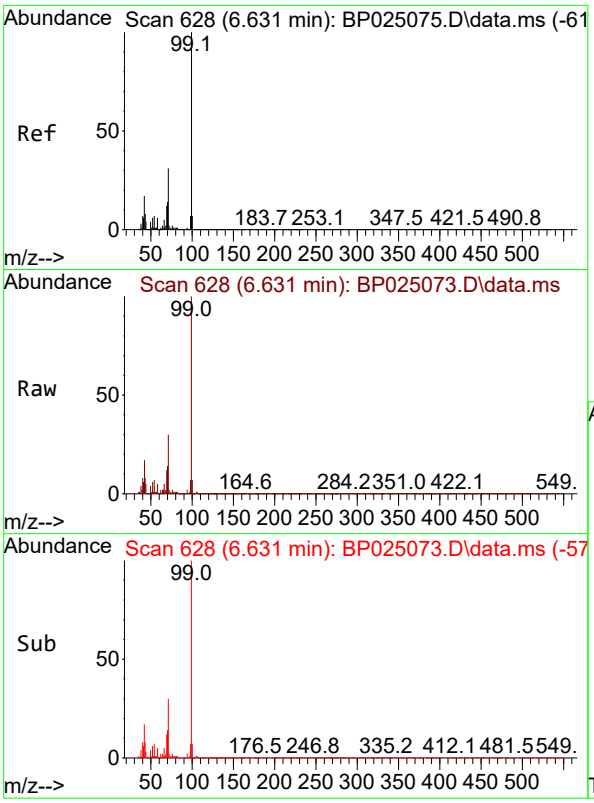


#6
Aniline
Concen: 9.619 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 227023

Ion	Ratio	Lower	Upper
93	100		
66	35.1	28.9	43.3
65	18.2	15.2	22.8



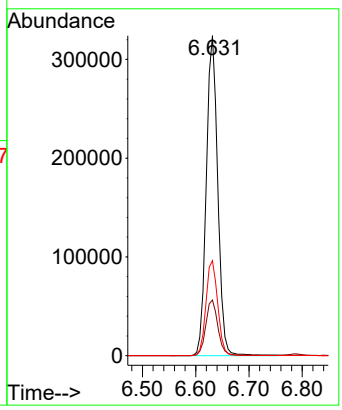


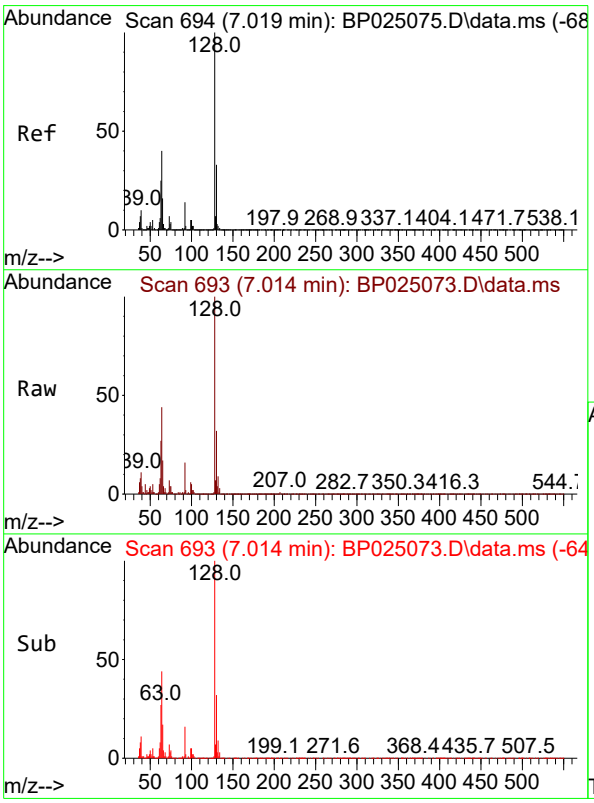
#7
Phenol-d6
Concen: 19.108 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 482699

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	29.7	24.4	36.6

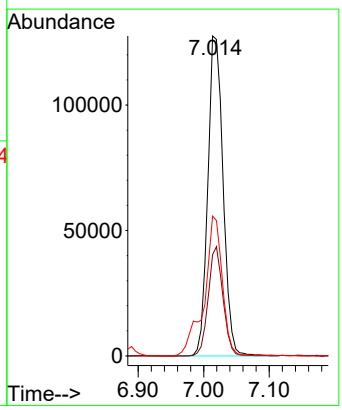


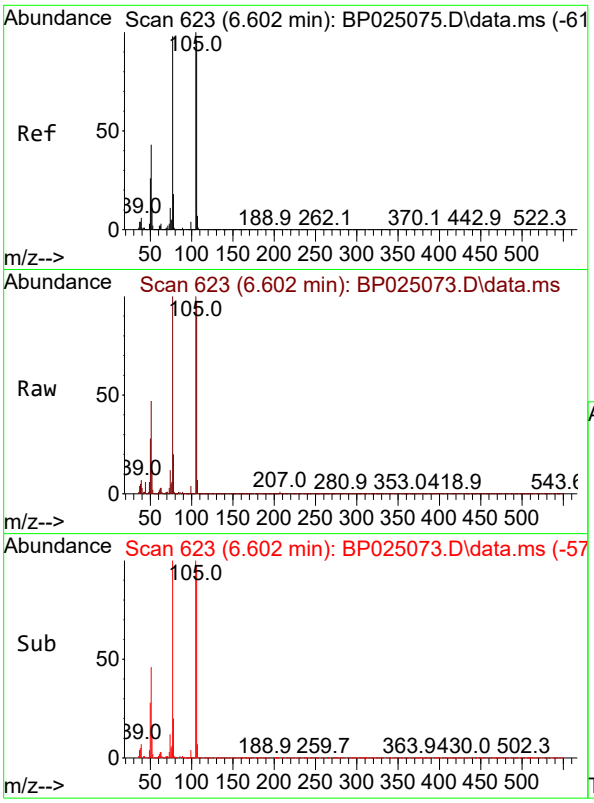


#8
2-Chlorophenol
Concen: 9.556 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:128 Resp: 206980

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.9	52.9
64	43.7	20.3	60.3



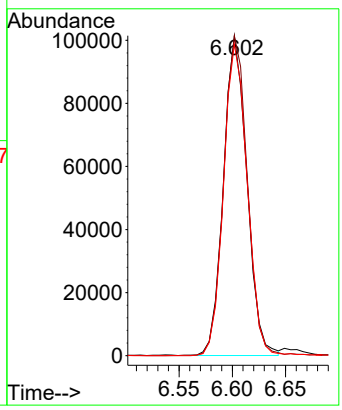


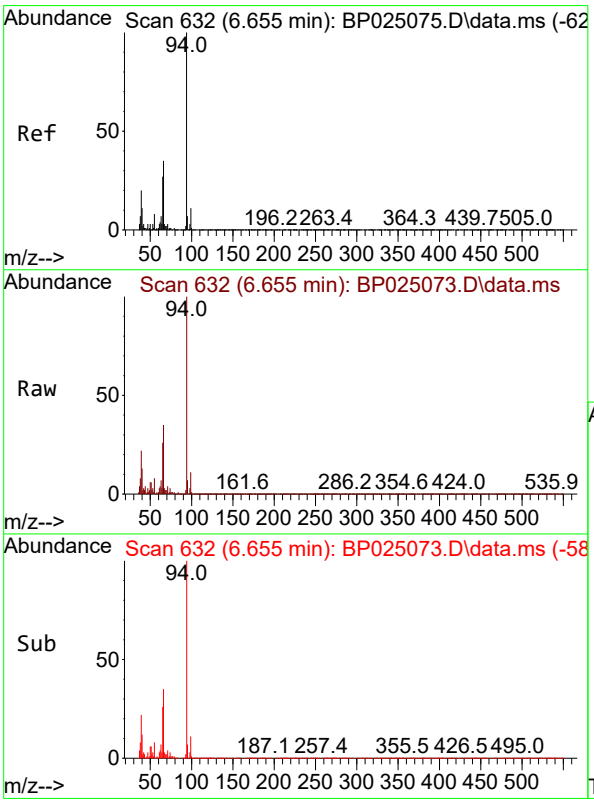
#9
Benzaldehyde
Concen: 11.743 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 154921

Ion	Ratio	Lower	Upper
77	100		
105	100.1	82.4	122.4
106	97.4	78.3	118.3

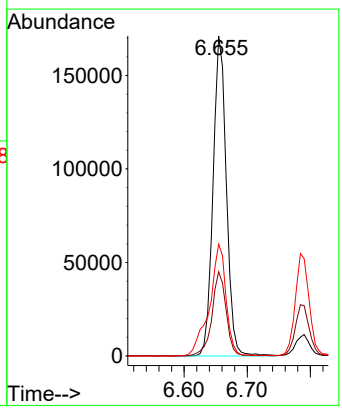


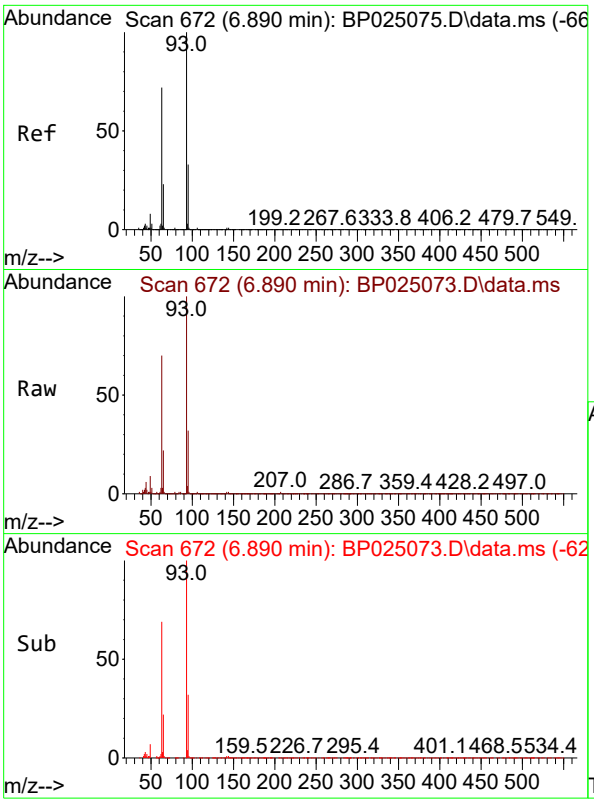


#10
Phenol
Concen: 9.763 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 94 Resp: 250593

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.9	14.6	54.6



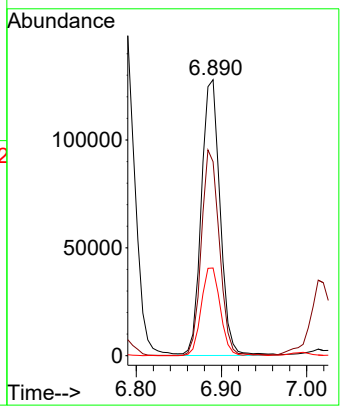


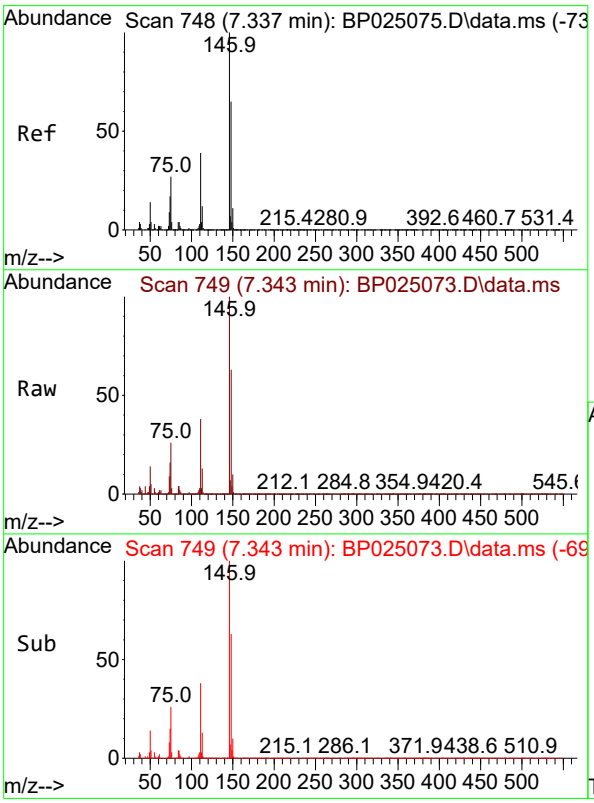
#11
bis(2-Chloroethyl)ether
Concen: 9.885 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 195263

Ion	Ratio	Lower	Upper
93	100		
63	70.2	51.9	91.9
95	31.8	12.4	52.4

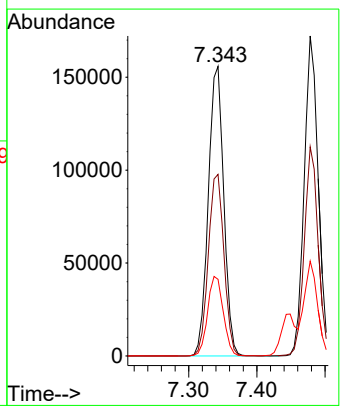


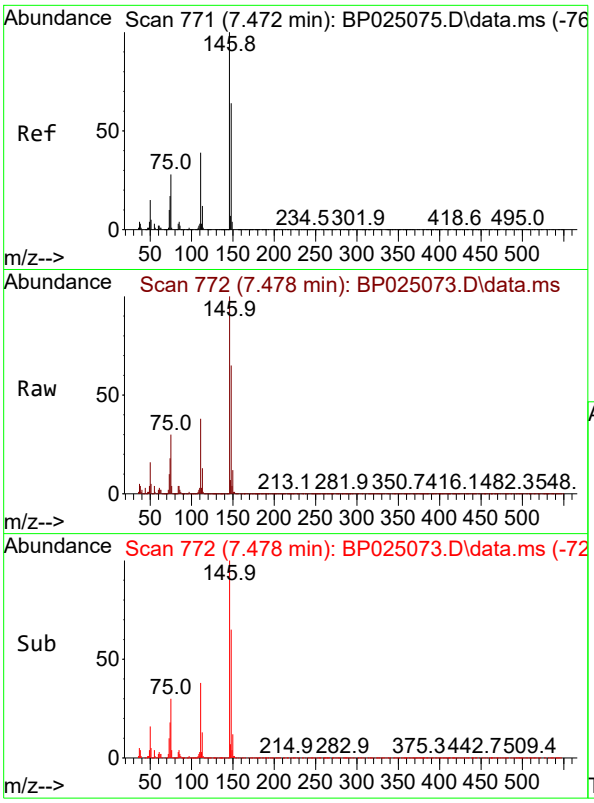


#12
1,3-Dichlorobenzene
Concen: 10.143 ng
RT: 7.343 min Scan# 749
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 245857

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	26.5	21.8	32.6



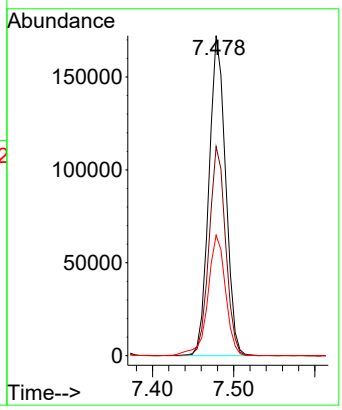


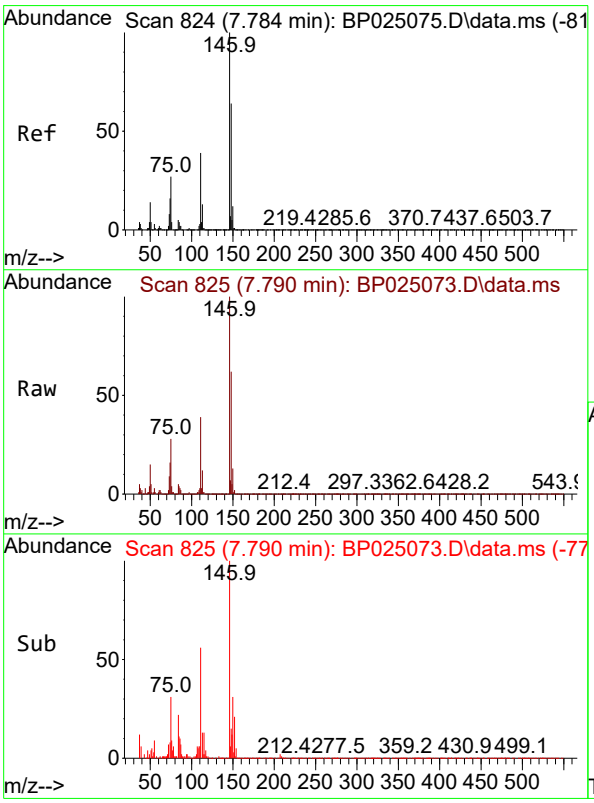
#13
1,4-Dichlorobenzene
Concen: 10.004 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 245523

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.1	76.7
111	37.7	31.2	46.8

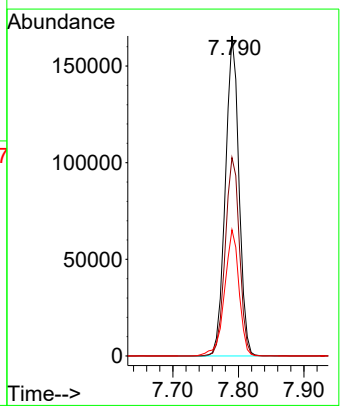


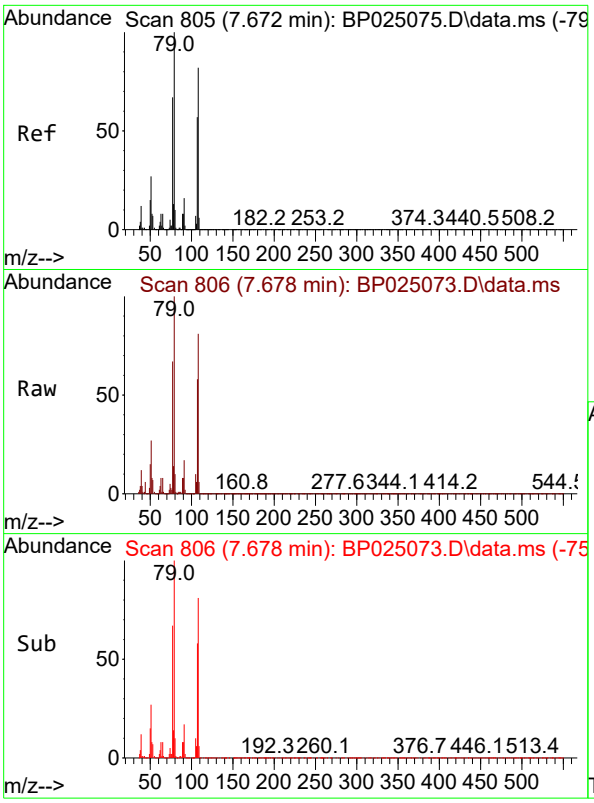


#14
1,2-Dichlorobenzene
Concen: 10.079 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:146 Resp: 237961

Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.1	76.7
111	39.5	31.2	46.8



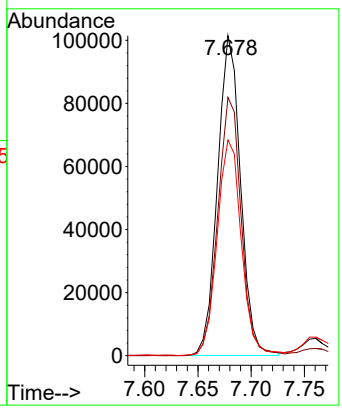


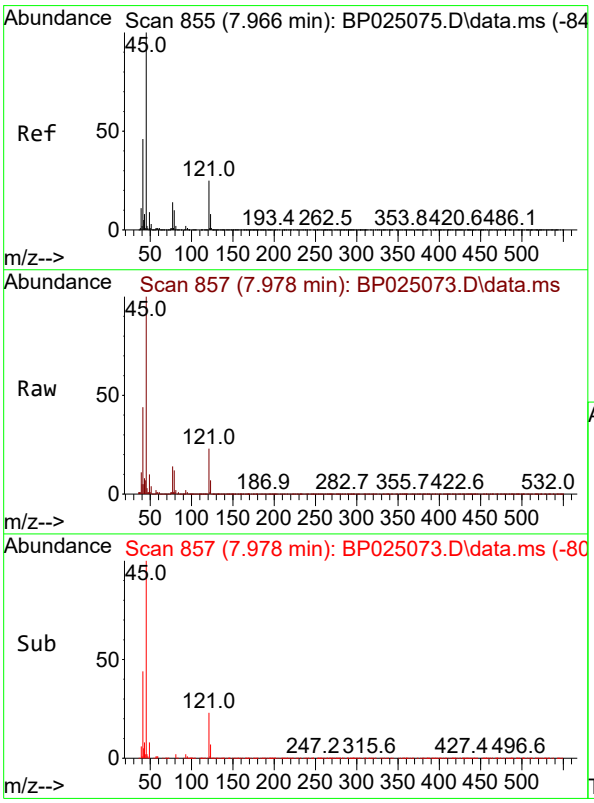
#15
Benzyl Alcohol
Concen: 9.025 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152168

Ion	Ratio	Lower	Upper
79	100		
108	80.7	66.0	99.0
77	67.4	53.4	80.2

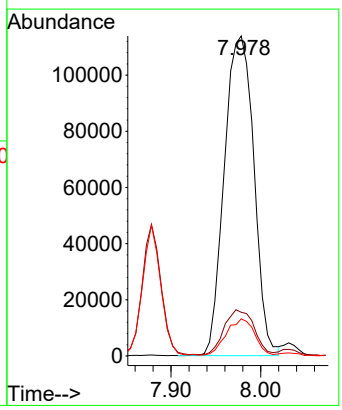


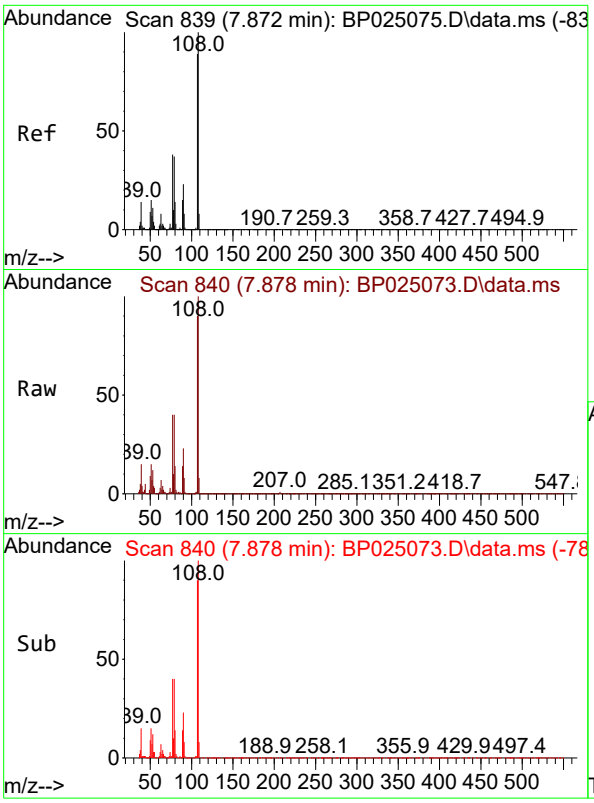


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.150 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 45 Resp: 260708

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	34.8
79	11.6	0.0	30.7



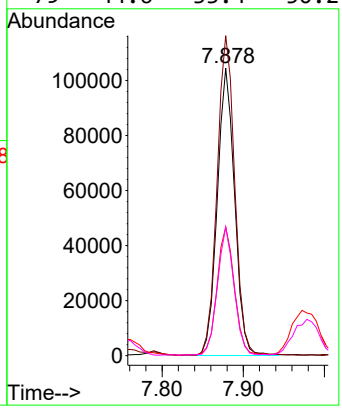


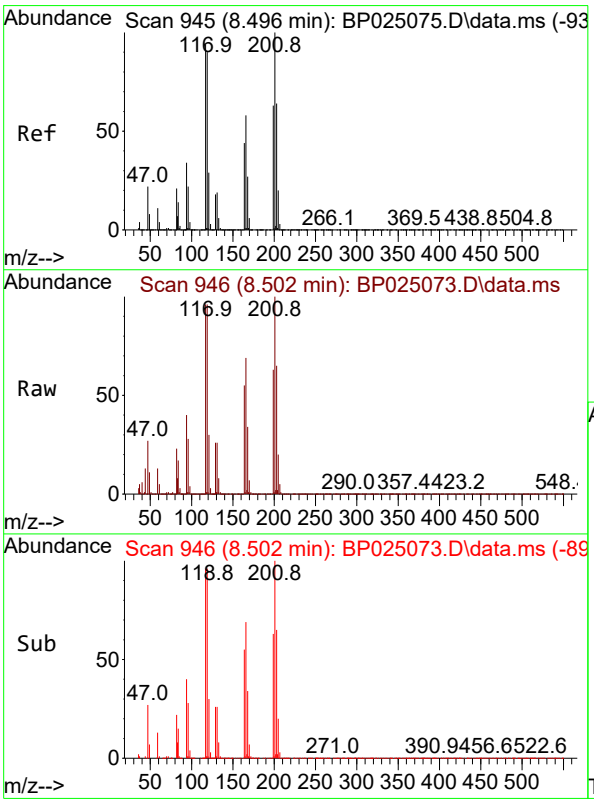
#17
2-Methylphenol
Concen: 9.422 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 155778

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.7	134.5
77	44.8	34.2	51.4
79	44.6	33.4	50.2

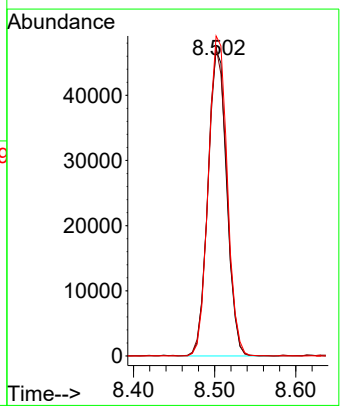


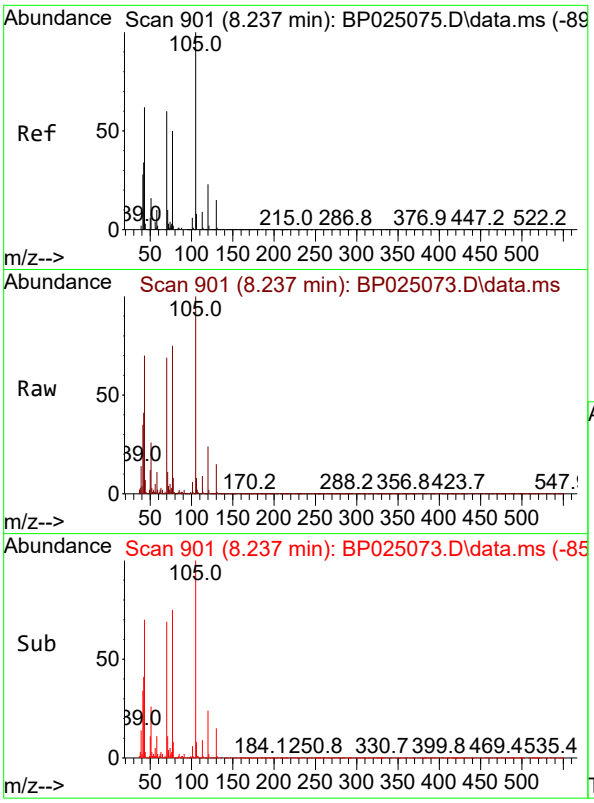


#18
Hexachloroethane
Concen: 9.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:117 Resp: 75576

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.6	115.0
201	104.6	85.4	128.2



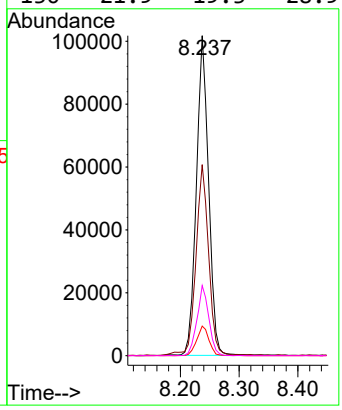


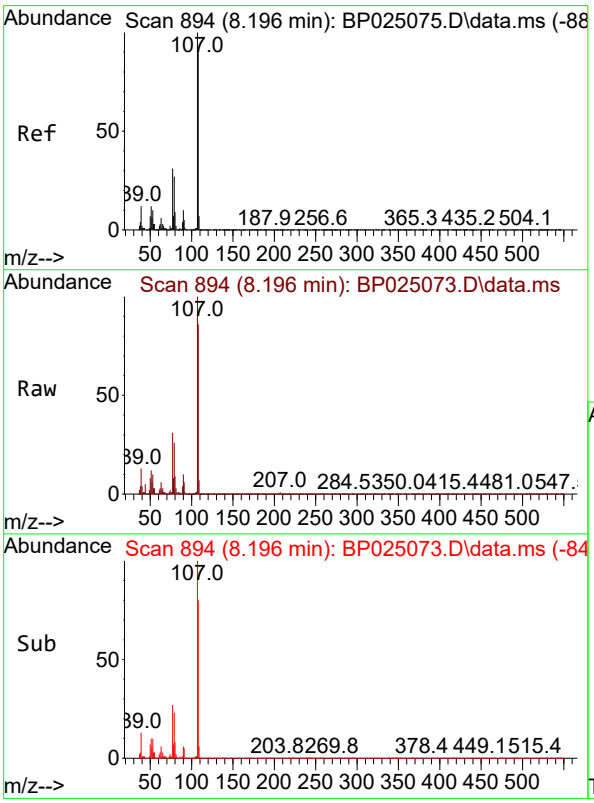
#19
n-Nitroso-di-n-propylamine
Concen: 9.774 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 146424

Ion	Ratio	Lower	Upper
70	100		
42	59.7	46.5	69.7
101	9.3	7.9	11.9
130	21.9	19.3	28.9

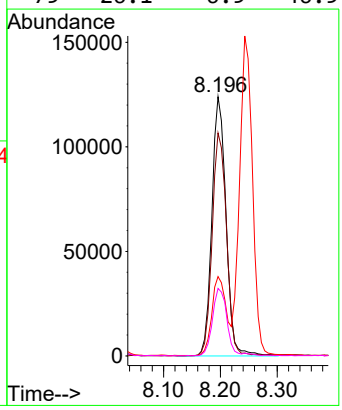


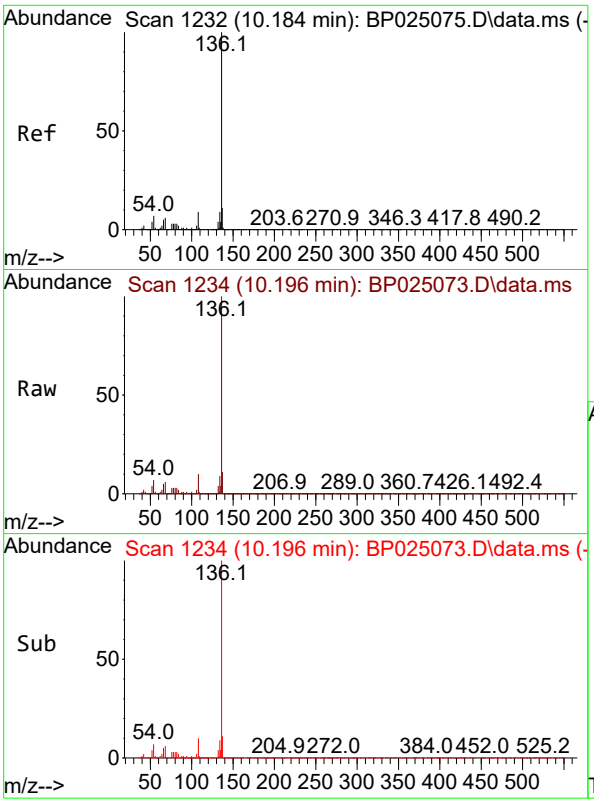


#20
3+4-Methylphenols
Concen: 9.225 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 213641

Ion	Ratio	Lower	Upper
107	100		
108	86.1	69.5	109.5
77	30.6	11.4	51.4
79	26.1	6.9	46.9



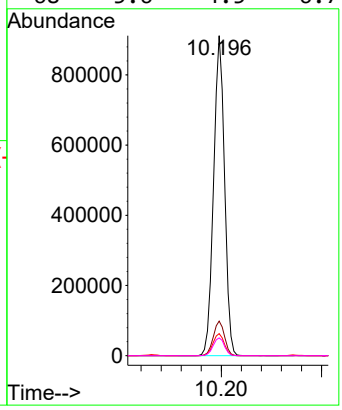


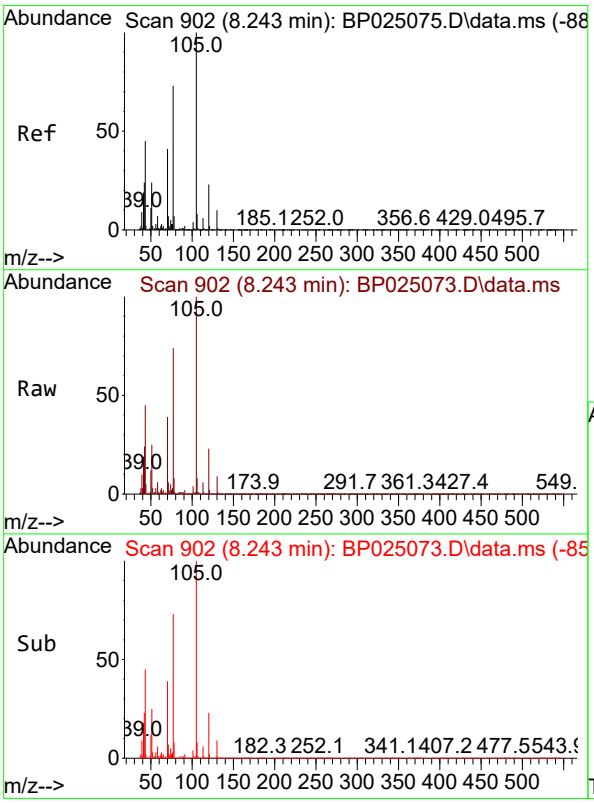
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1376560

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.9	5.4	8.2
68	5.6	4.5	6.7

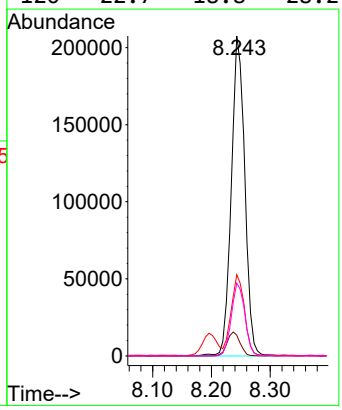


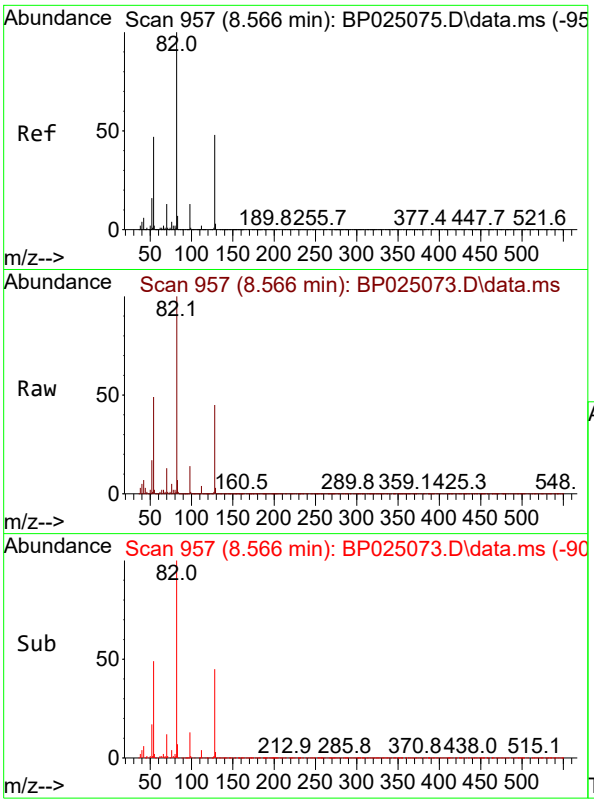


#22
Acetophenone
Concen: 10.159 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:105 Resp: 330725

Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.4	8.2
51	25.4	19.6	29.4
120	22.7	18.8	28.2



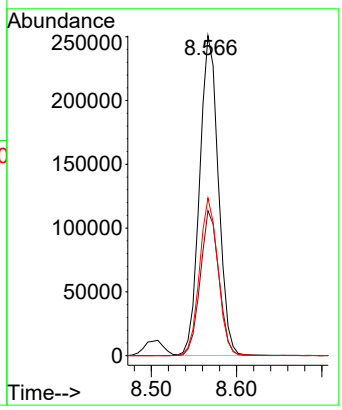


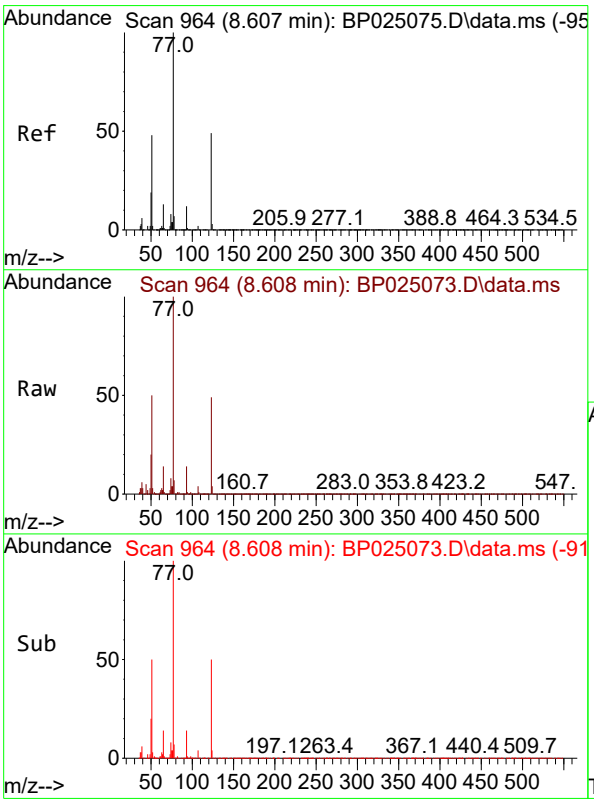
#23
Nitrobenzene-d5
Concen: 18.454 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 381978

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.4	57.6
54	49.3	37.8	56.6

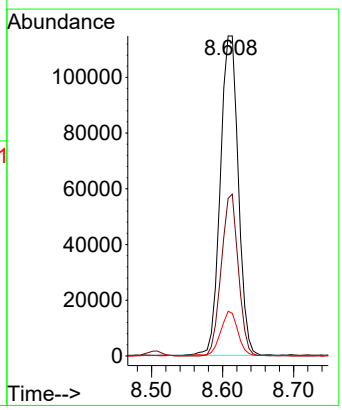


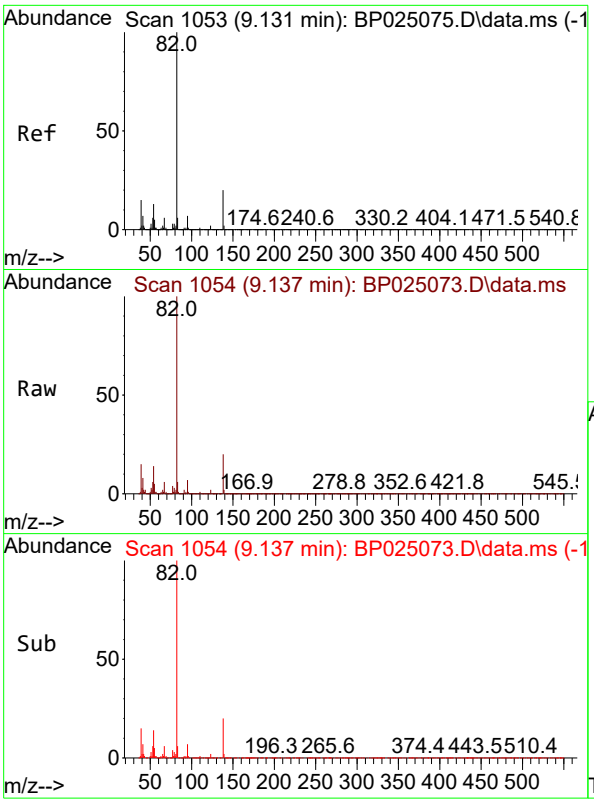


#24
Nitrobenzene
Concen: 9.560 ng
RT: 8.608 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 77 Resp: 201551

Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.0	58.6
65	14.0	10.7	16.1



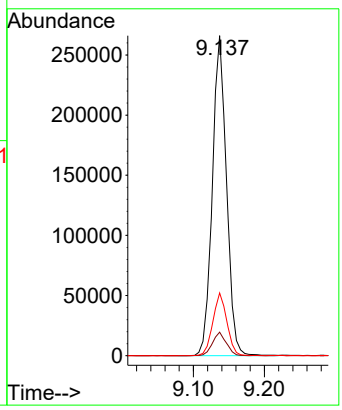


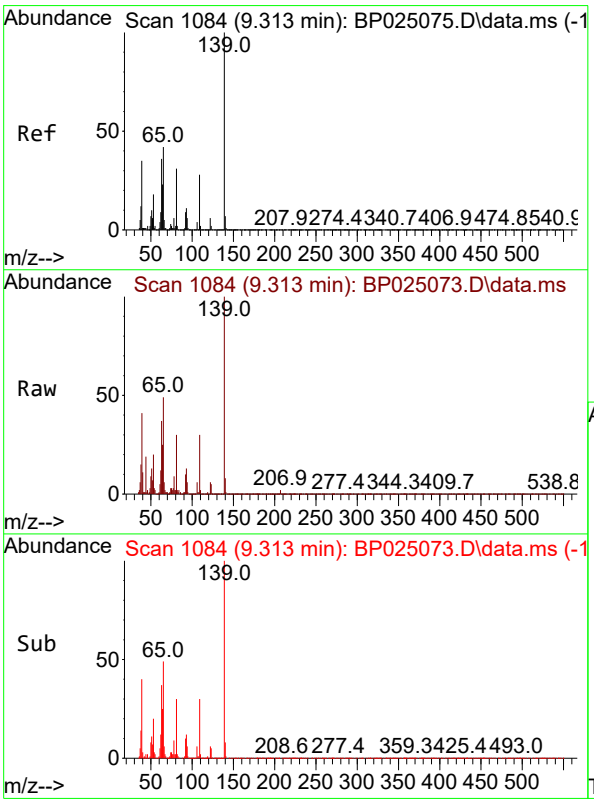
#25
Isophorone
Concen: 9.507 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 367740

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	19.6	15.7	23.5

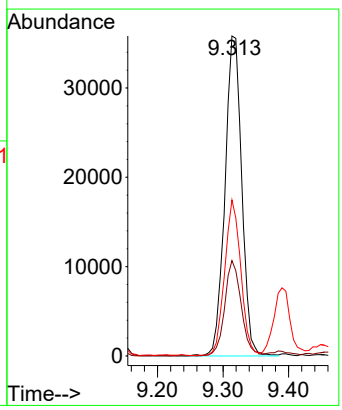


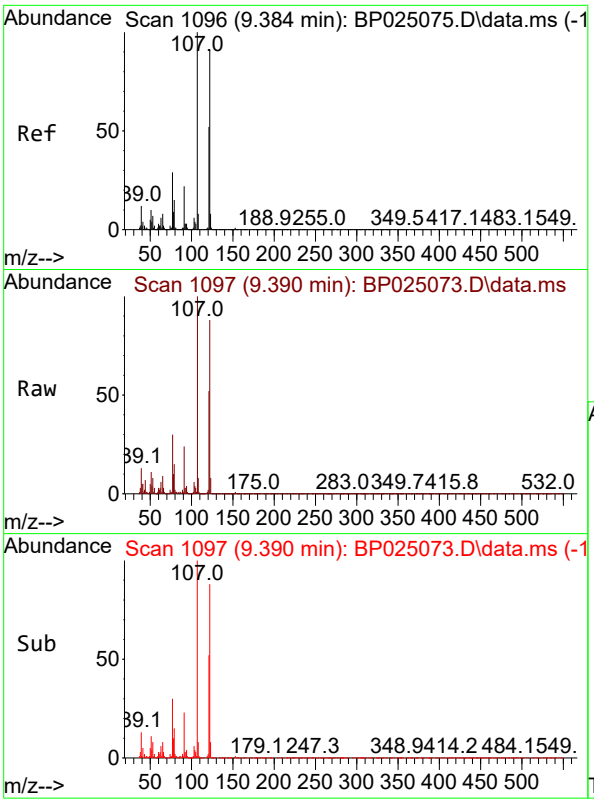


#26
2-Nitrophenol
Concen: 9.106 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	29.8	22.3	33.5
65	48.7	33.8	50.8



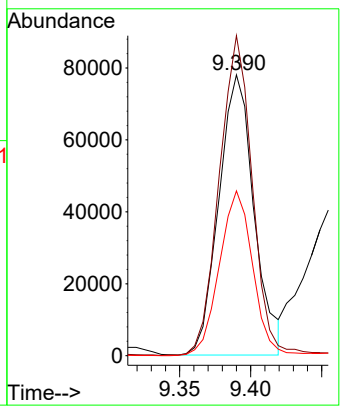


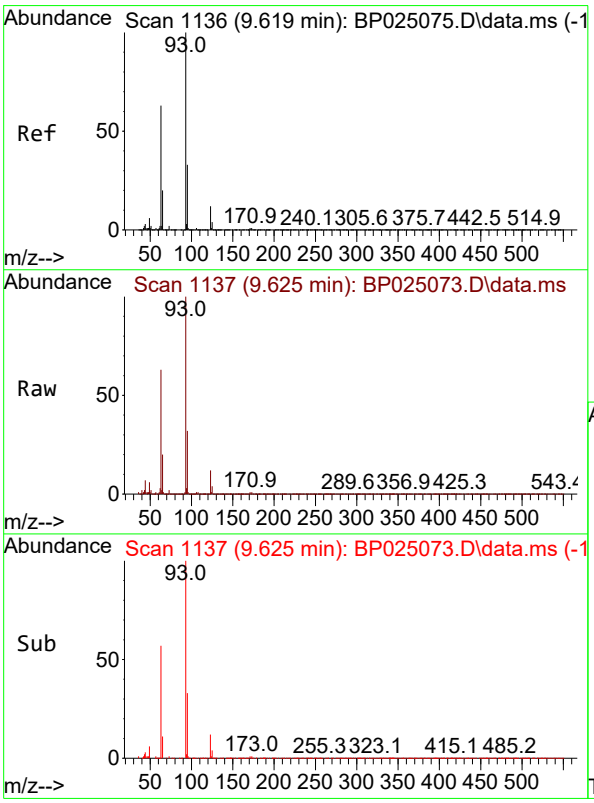
#27
2,4-Dimethylphenol
Concen: 9.307 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 134296

Ion	Ratio	Lower	Upper
122	100		
107	113.9	88.2	132.2
121	58.7	46.1	69.1

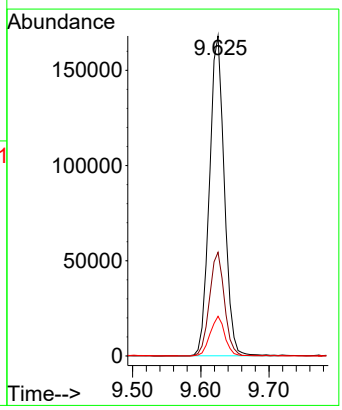


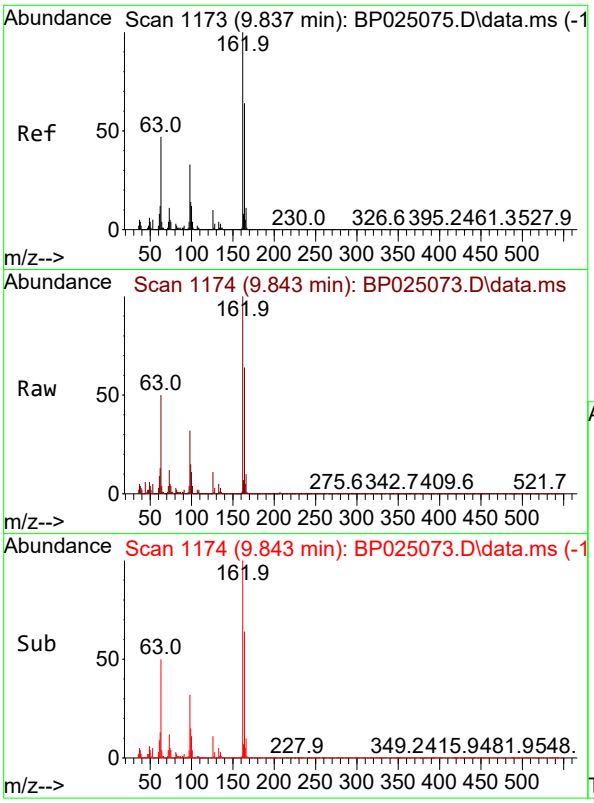


#28
bis(2-Chloroethoxy)methane
Concen: 9.722 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 93 Resp: 255336

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	12.4	10.1	15.1



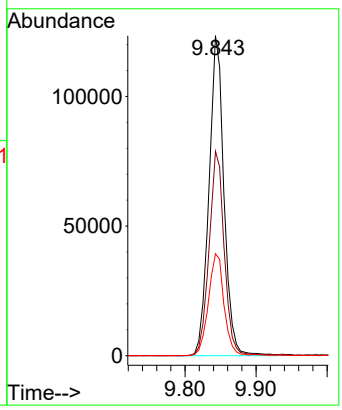


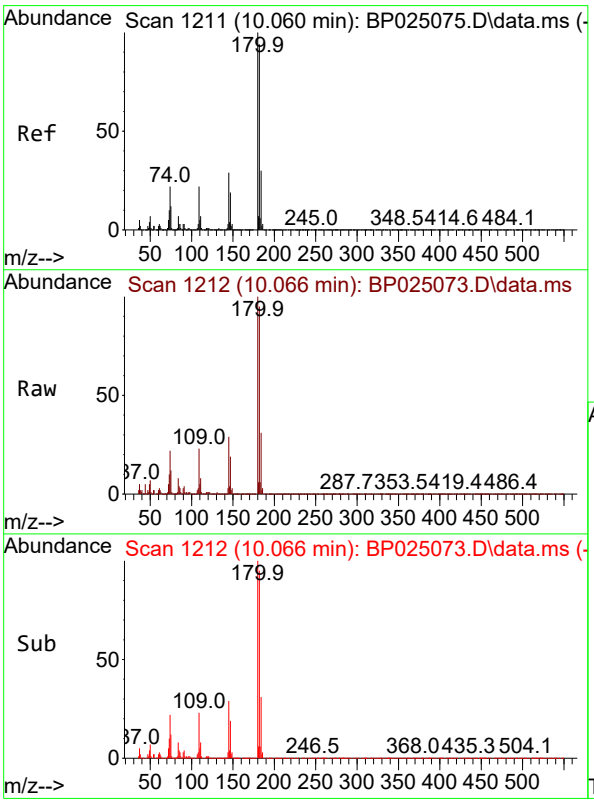
#29
2,4-Dichlorophenol
Concen: 9.059 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 181263

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	31.9	13.1	53.1

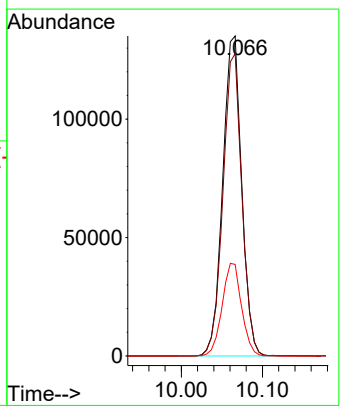


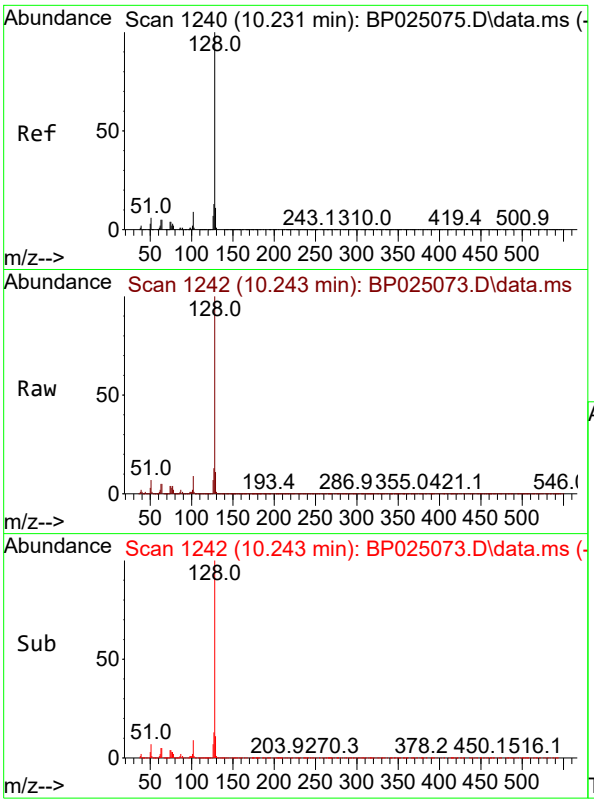


#30
1,2,4-Trichlorobenzene
Concen: 9.913 ng
RT: 10.066 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:180 Resp: 219650

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.1	112.7
145	28.6	23.3	34.9



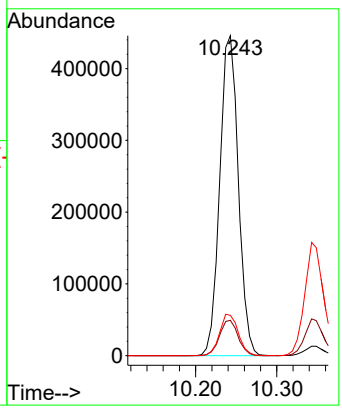


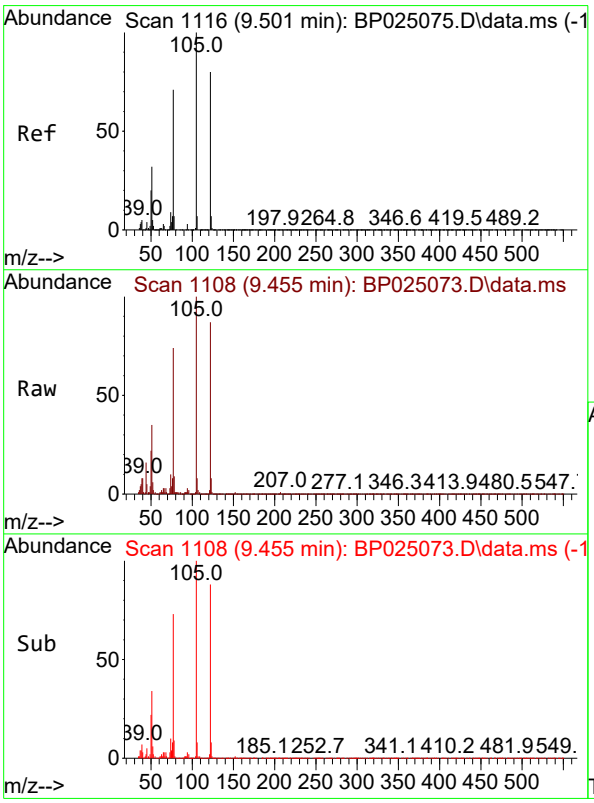
#31
Naphthalene
Concen: 10.005 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 709141

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6

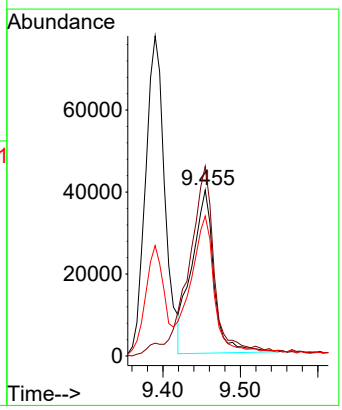


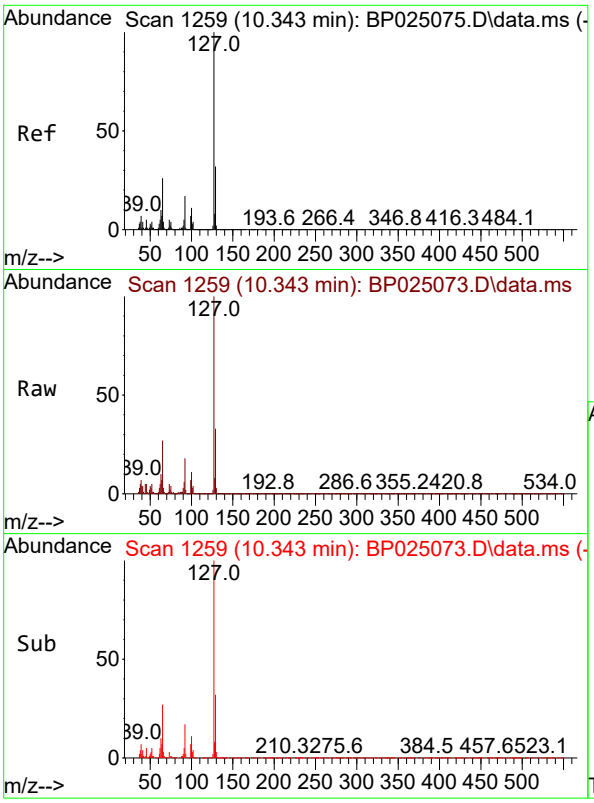


#32
Benzoic acid
Concen: 10.455 ng
RT: 9.455 min Scan# 1108
Delta R.T. -0.046 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:122 Resp: 79225

Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.0	141.0
77	84.3	67.6	107.6



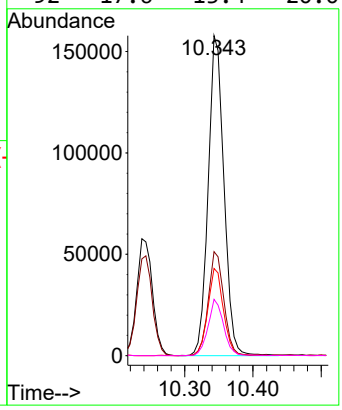


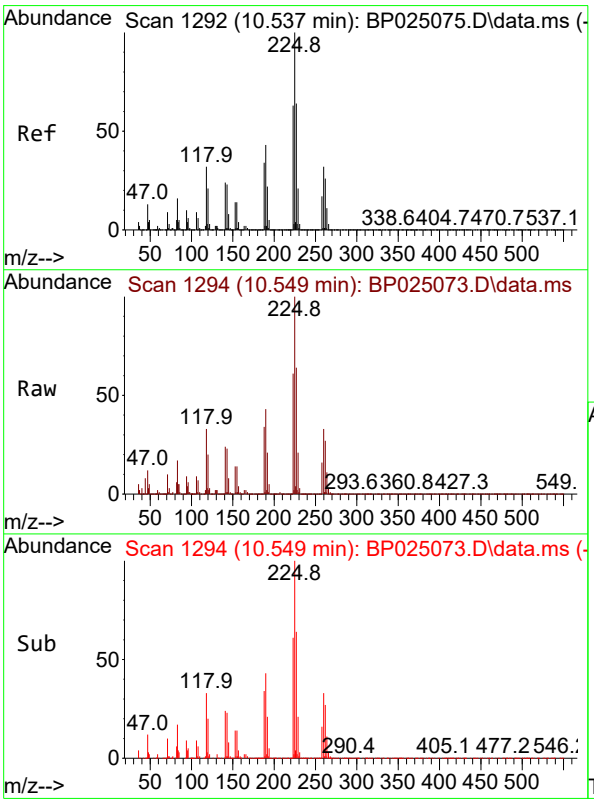
#33
4-Chloroaniline
Concen: 9.621 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 254489

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	27.3	21.0	31.6
92	17.6	13.4	20.0

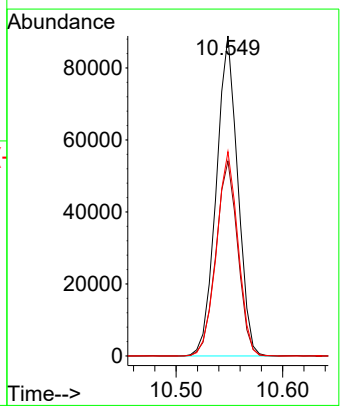


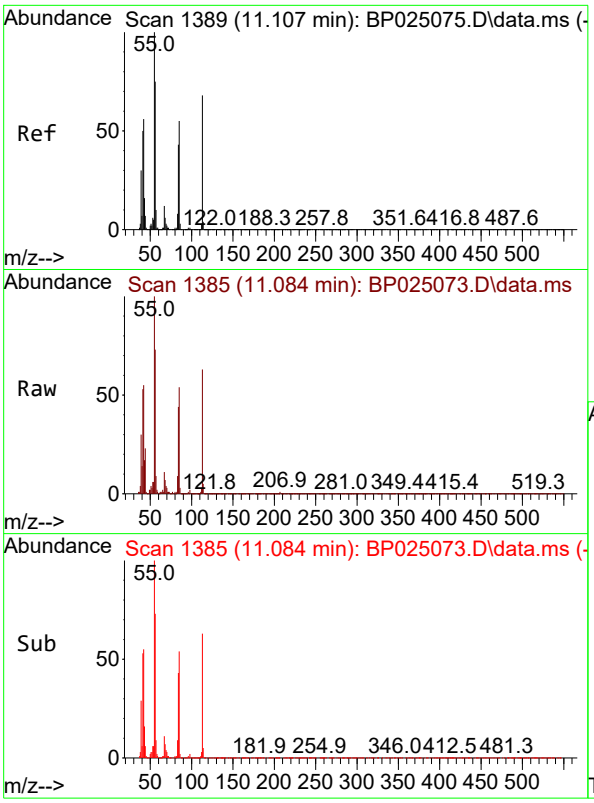


#34
Hexachlorobutadiene
Concen: 9.767 ng
RT: 10.549 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:225 Resp: 124190

Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.3	75.5
227	63.8	51.3	76.9



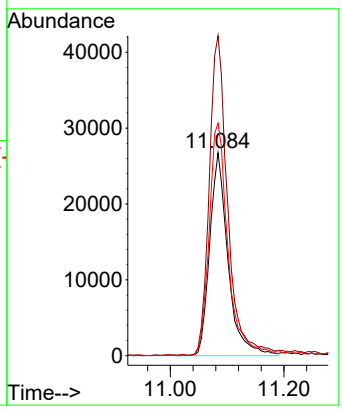


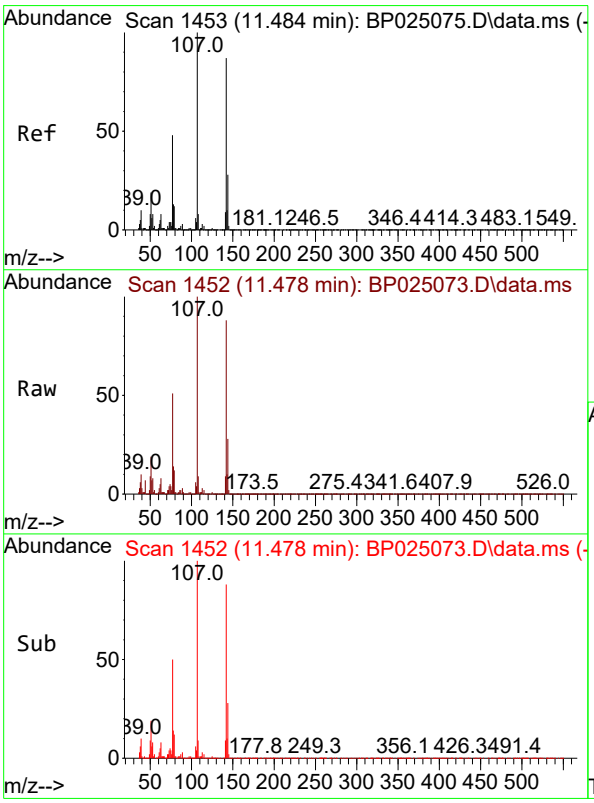
#35
Caprolactam
Concen: 8.700 ng
RT: 11.084 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 59547

Ion	Ratio	Lower	Upper
113	100		
55	157.7	128.1	168.1
56	114.6	90.7	130.7

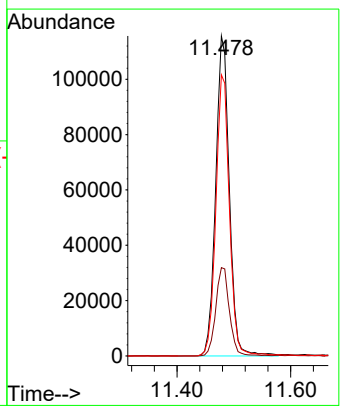


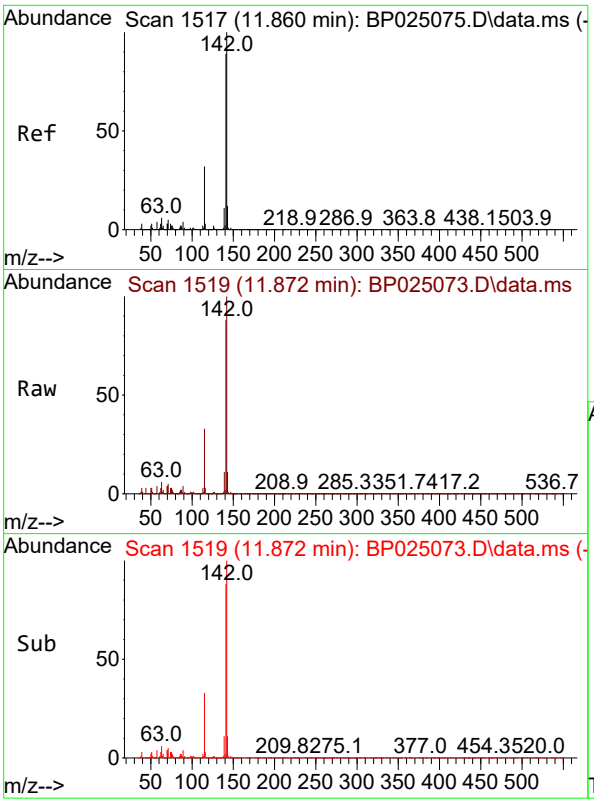


#36
4-Chloro-3-methylphenol
Concen: 9.193 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:107 Resp: 192224

Ion	Ratio	Lower	Upper
107	100		
144	27.6	22.4	33.6
142	87.9	69.6	104.4



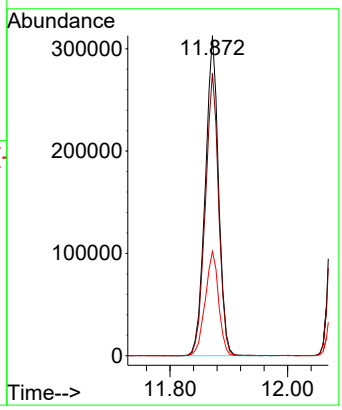


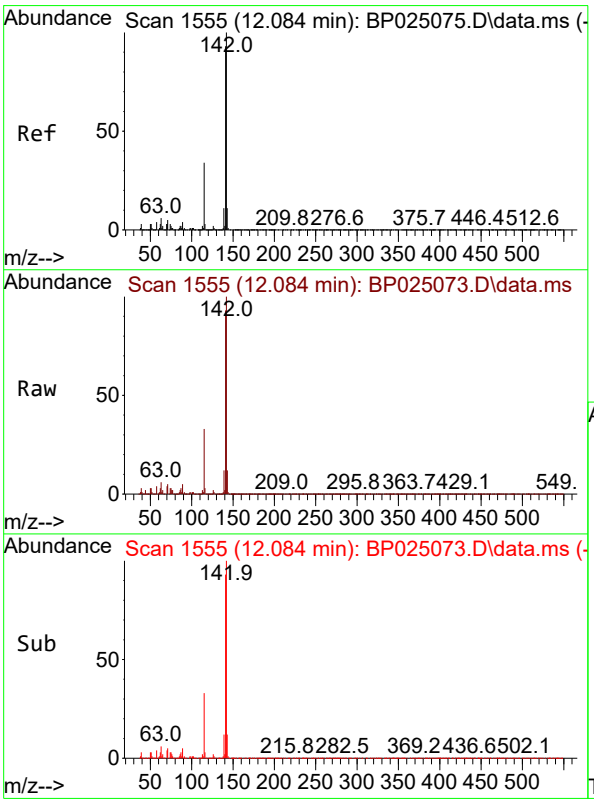
#37
2-Methylnaphthalene
Concen: 9.790 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 489608

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.2	106.8
115	32.6	25.9	38.9

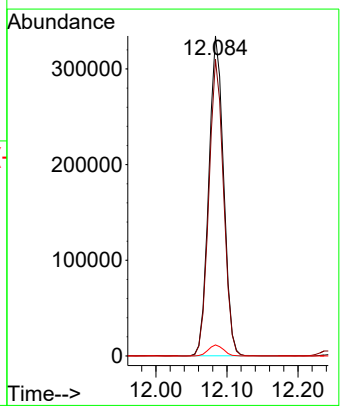


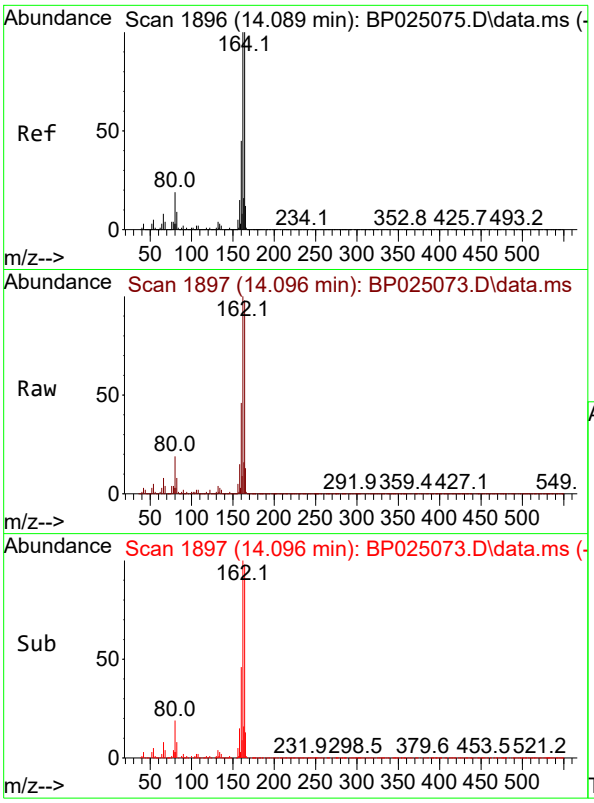


#38
1-Methylnaphthalene
Concen: 9.931 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:142 Resp: 484403

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1
116	3.5	2.7	4.1



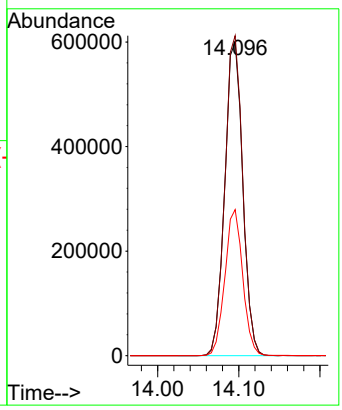


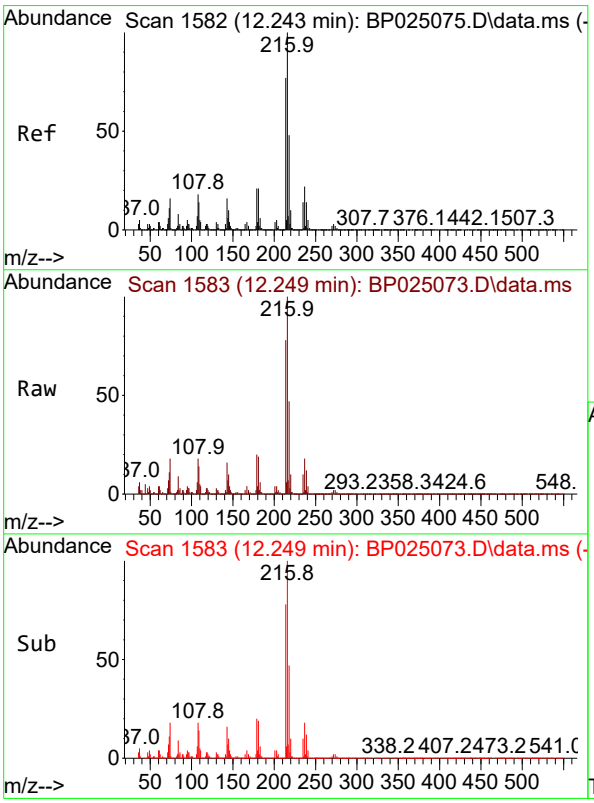
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.096 min Scan# 1
Delta R.T. 0.007 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 924609

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.3	120.5
160	46.5	35.9	53.9

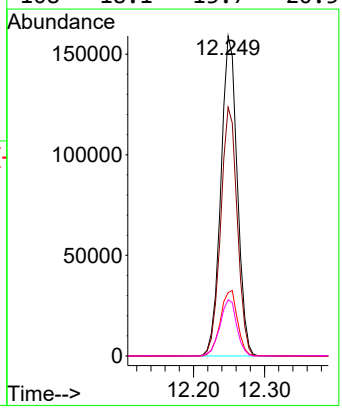


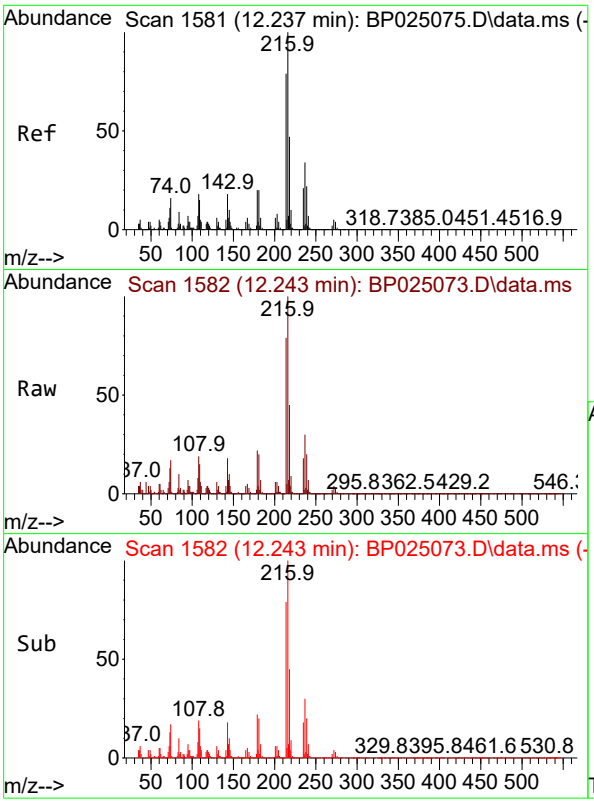


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.554 ng
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:216 Resp: 253871

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	21.3	16.5	24.7
108	18.1	13.7	20.5



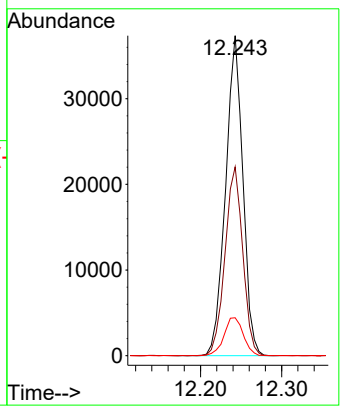


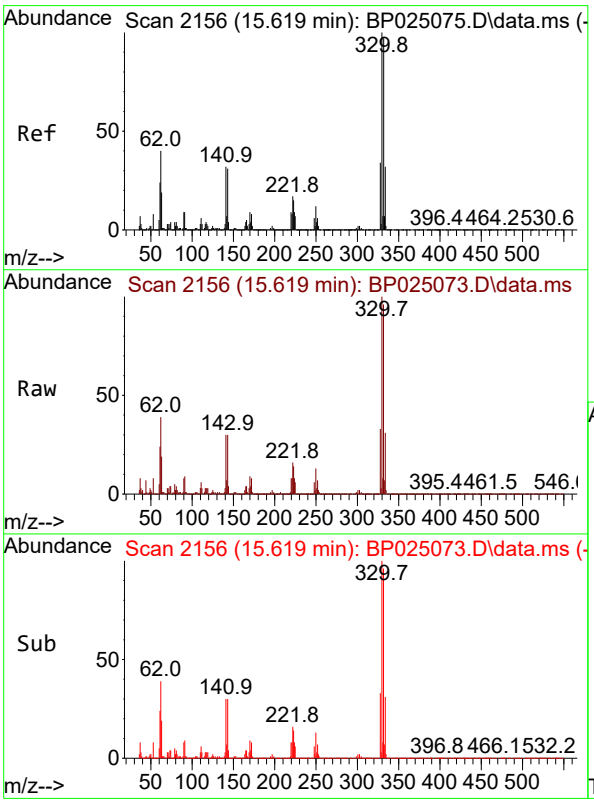
#41
Hexachlorocyclopentadiene
Concen: 7.965 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 55283

Ion	Ratio	Lower	Upper
237	100		
235	59.0	41.6	81.6
272	11.8	0.0	33.6

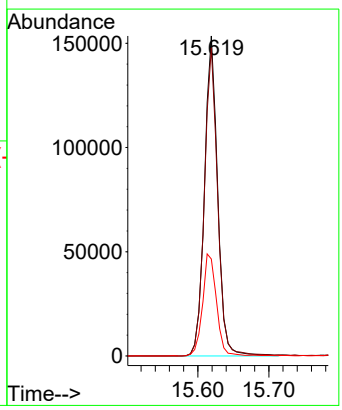


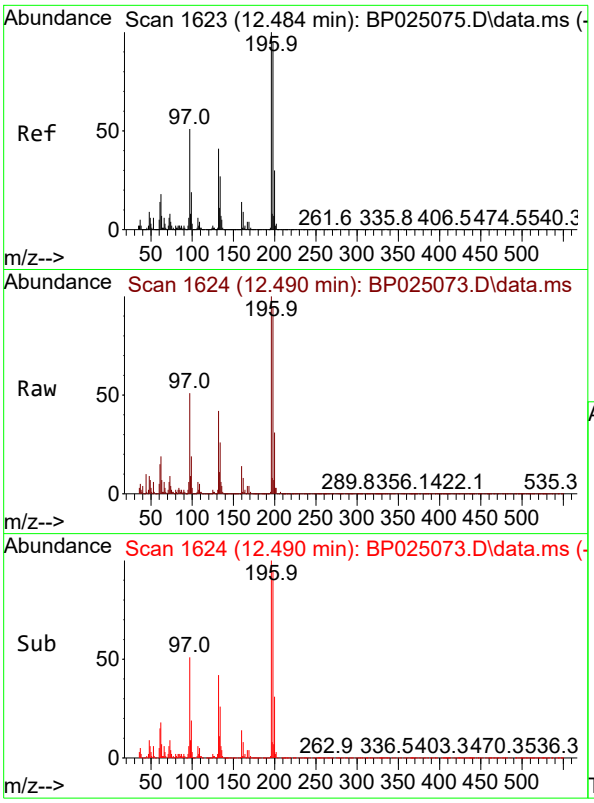


#42
2,4,6-Tribromophenol
Concen: 18.149 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:330 Resp: 198235

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	33.5	26.0	39.0



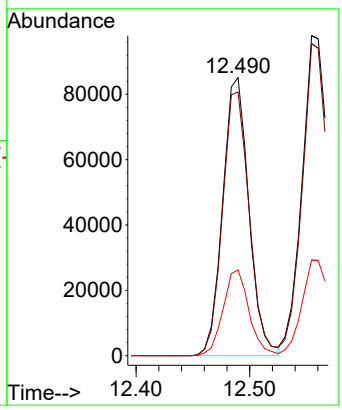


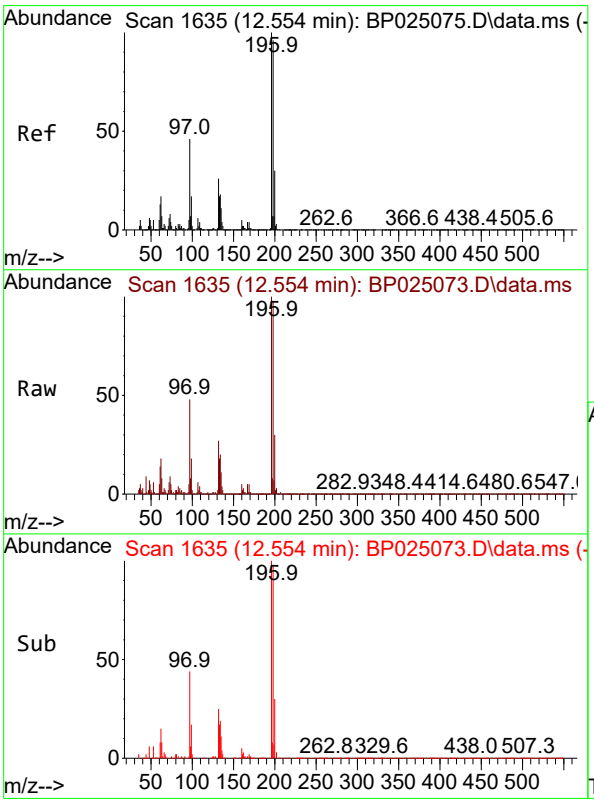
#43
2,4,6-Trichlorophenol
Concen: 8.469 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 136269

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.9	24.3	36.5

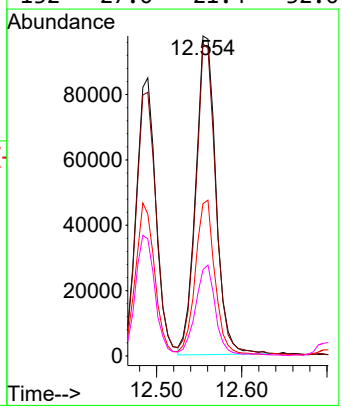


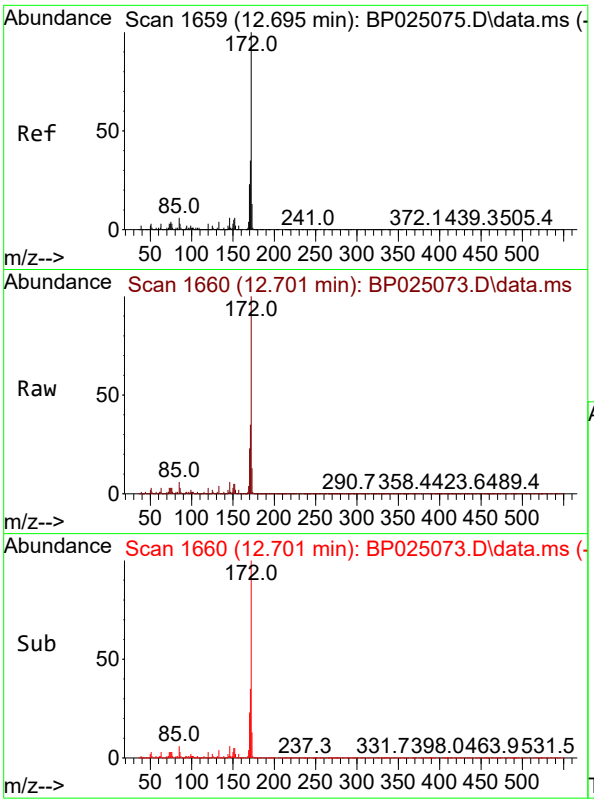


#44
2,4,5-Trichlorophenol
Concen: 8.840 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:196 Resp: 161200

Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.6	115.0
97	47.6	36.6	55.0
132	27.0	21.4	32.0



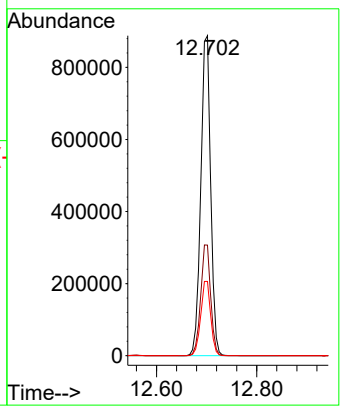


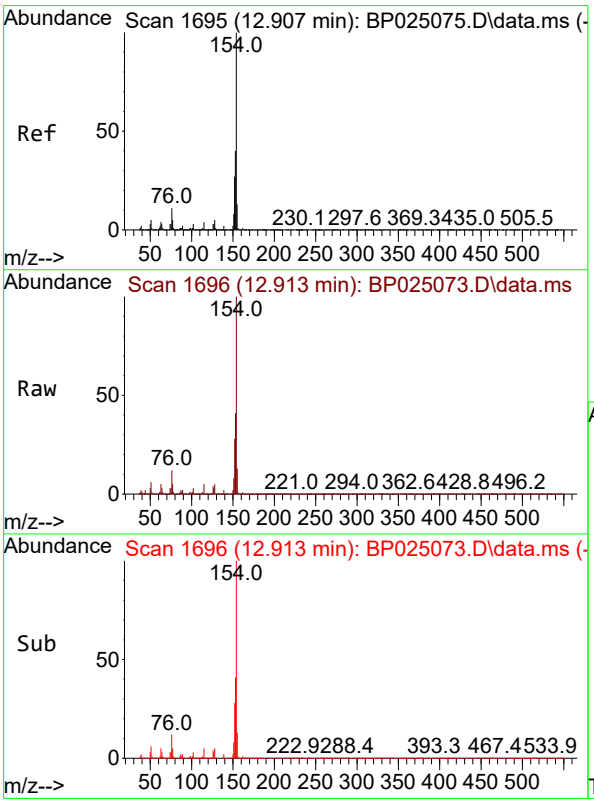
#45
2-Fluorobiphenyl
Concen: 20.297 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 1211432

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.2
170	23.2	18.7	28.1

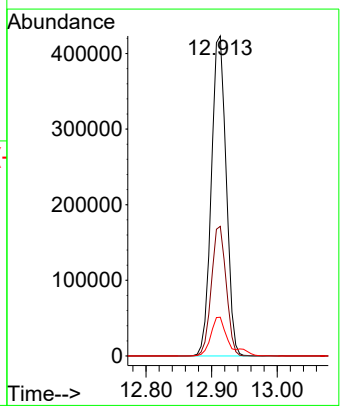


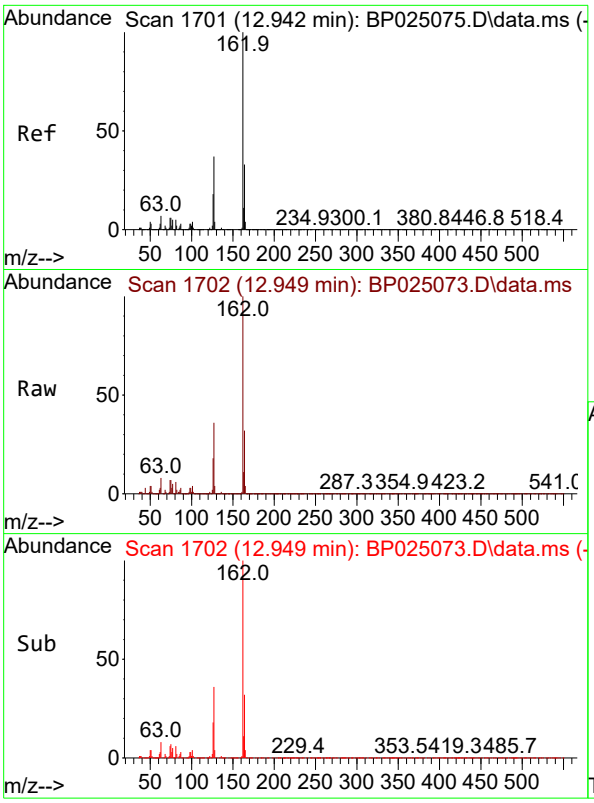


#46
1,1'-Biphenyl
Concen: 9.869 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 663919

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.2	60.2
76	12.1	0.0	31.5



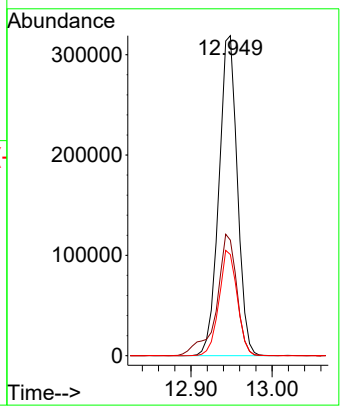


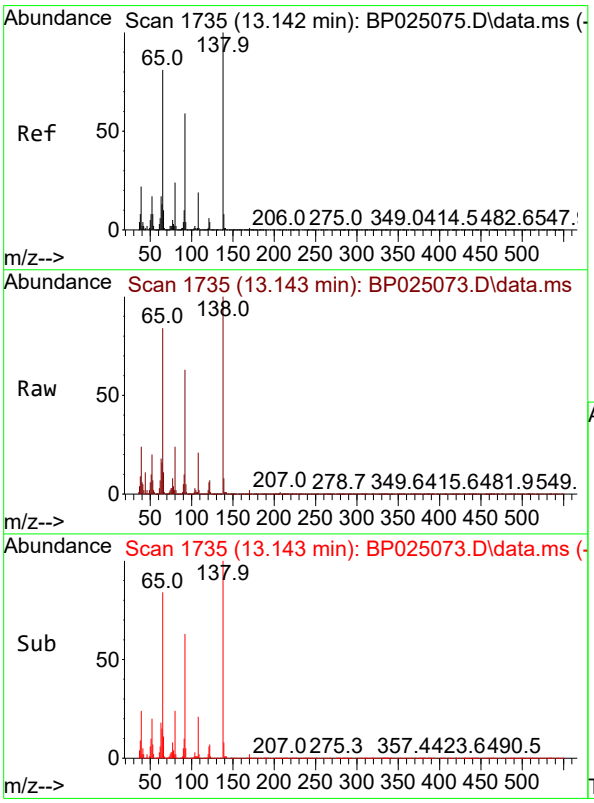
#47
2-Chloronaphthalene
Concen: 9.959 ng
RT: 12.949 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 503580

Ion	Ratio	Lower	Upper
162	100		
127	36.1	29.4	44.2
164	31.6	26.4	39.6

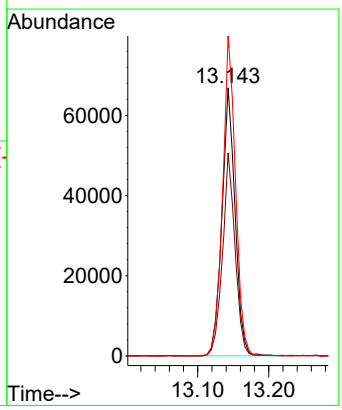


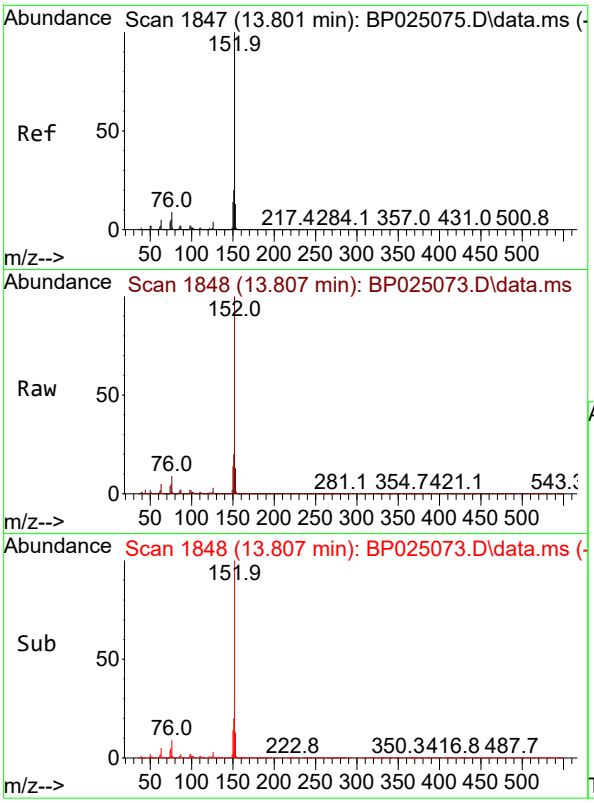


#48
2-Nitroaniline
Concen: 9.283 ng
RT: 13.143 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion: 65 Resp: 85669

Ion	Ratio	Lower	Upper
65	100		
92	75.7	58.7	88.1
138	119.3	99.0	148.4



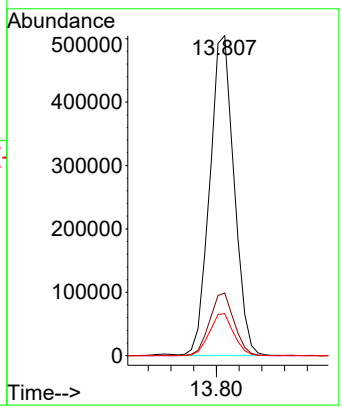


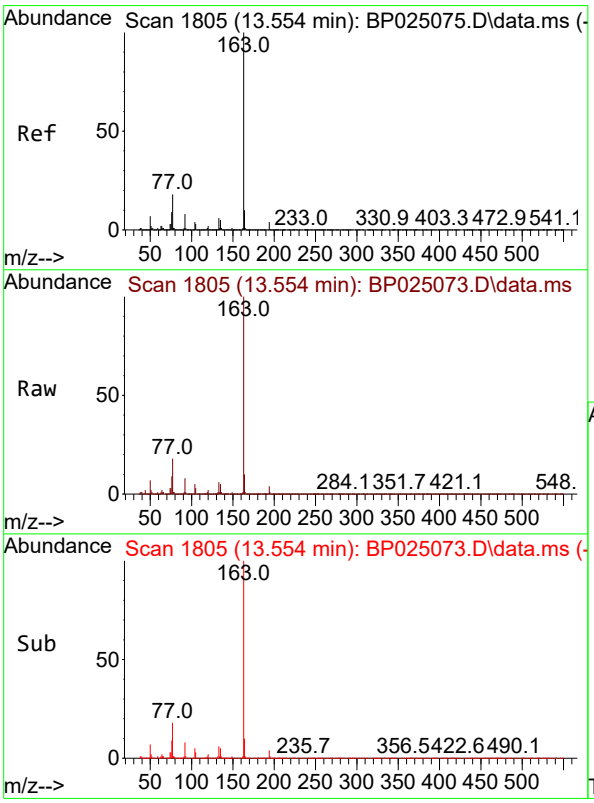
#49
Acenaphthylene
Concen: 9.692 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 750027

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.2	10.7	16.1

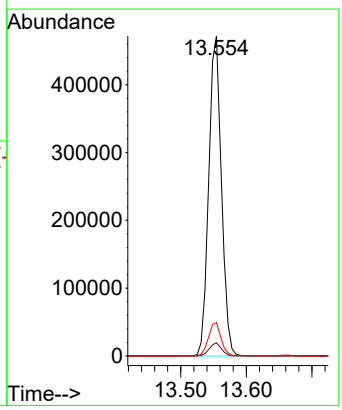


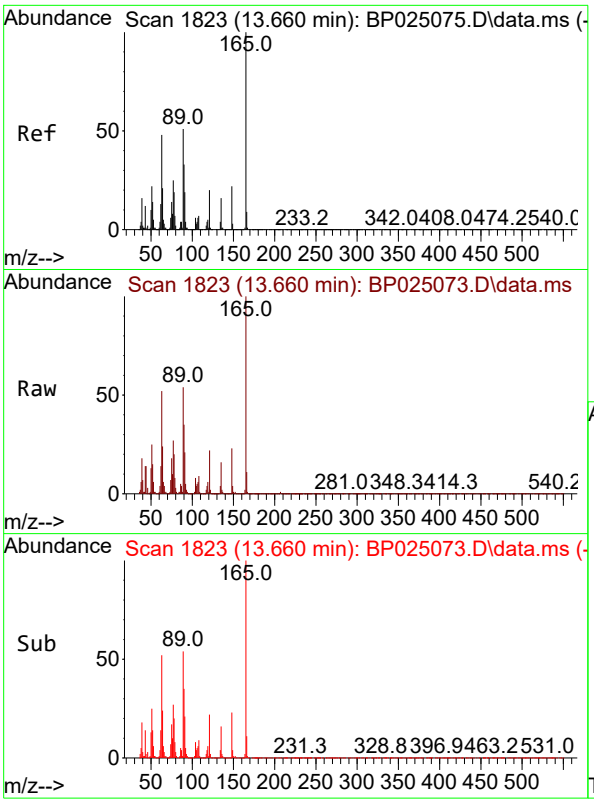


#50
Dimethylphthalate
Concen: 9.828 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:163 Resp: 636102

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.0	12.0



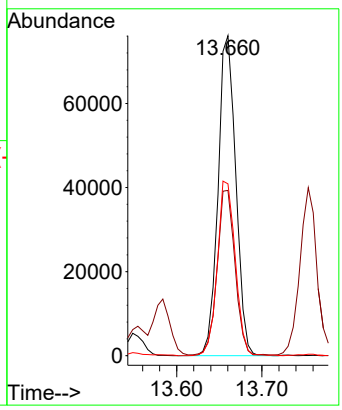


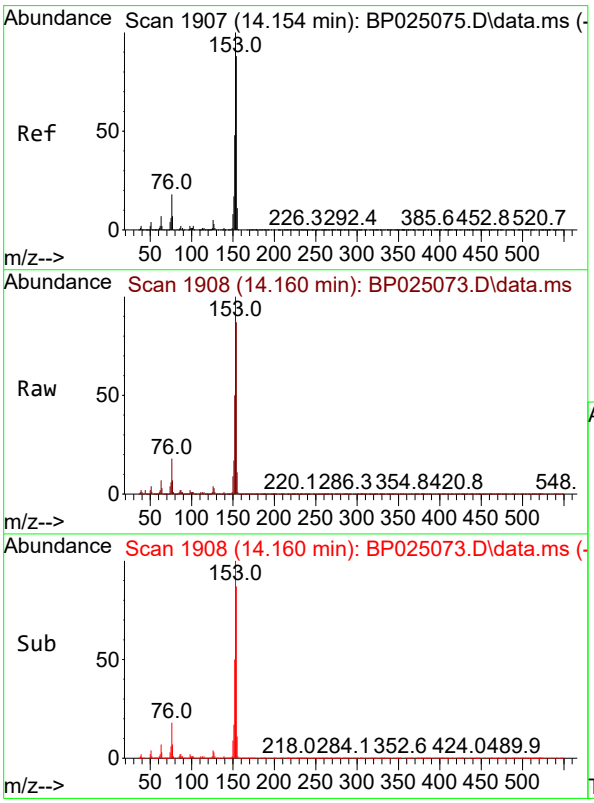
#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 110177

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.5	57.7
89	53.7	40.6	61.0

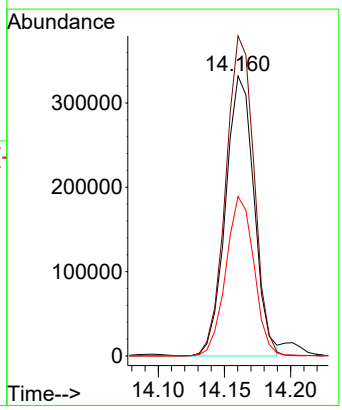


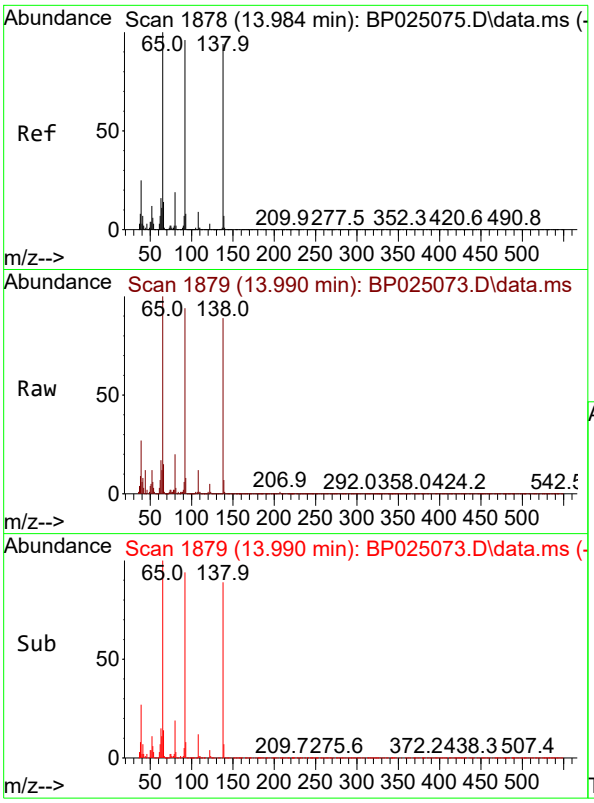


#52
Acenaphthene
Concen: 9.953 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:154 Resp: 496424

Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.6	136.0
152	57.0	43.8	65.8



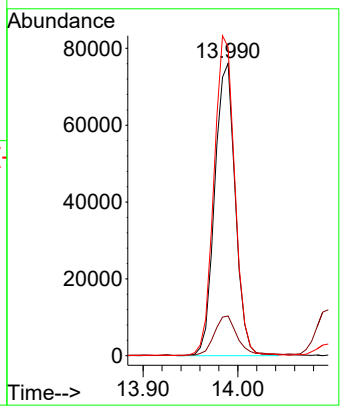


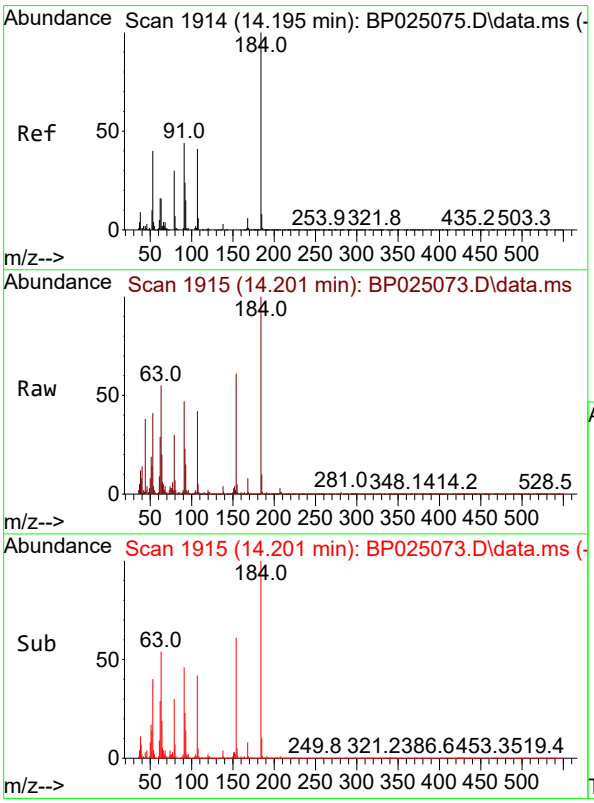
#53
3-Nitroaniline
Concen: 8.481 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 114723

Ion	Ratio	Lower	Upper
138	100		
108	13.6	7.8	11.8#
92	105.5	81.0	121.4

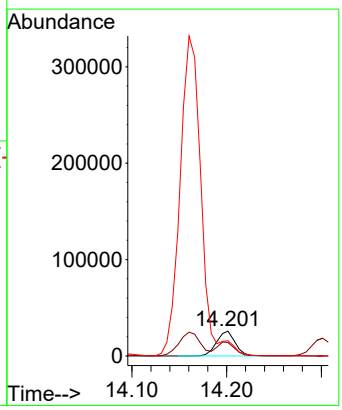


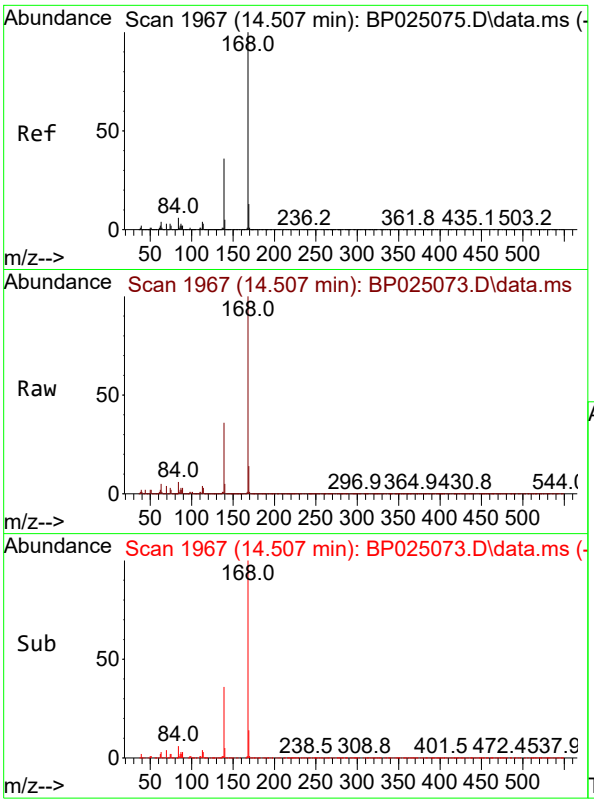


#54
2,4-Dinitrophenol
Concen: 10.737 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:184 Resp: 35399

Ion	Ratio	Lower	Upper
184	100		
63	54.7	47.4	71.0
154	61.2	47.8	71.8



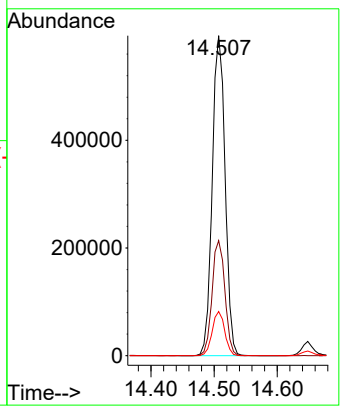


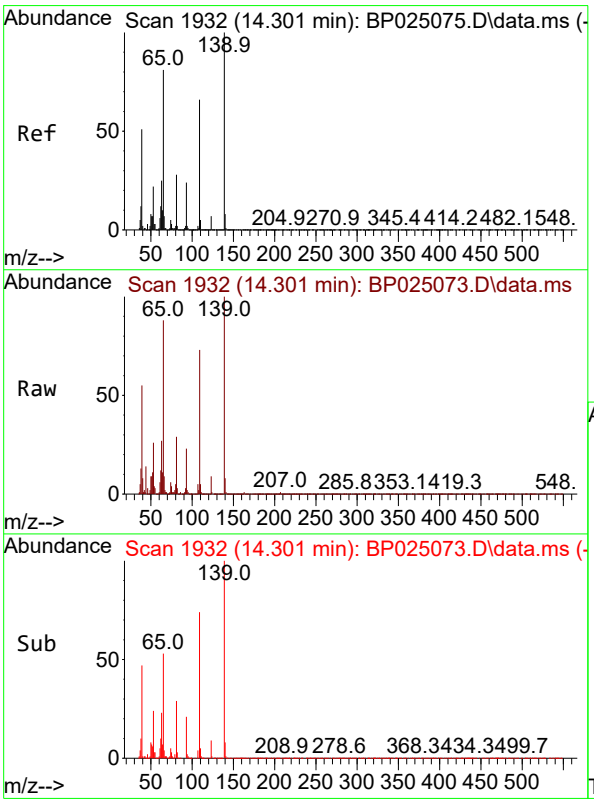
#55
Dibenzofuran
Concen: 10.186 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 838464

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.6	43.0
169	13.8	10.7	16.1

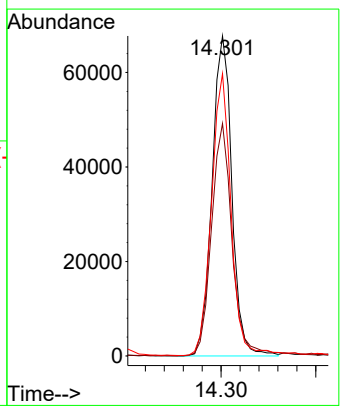


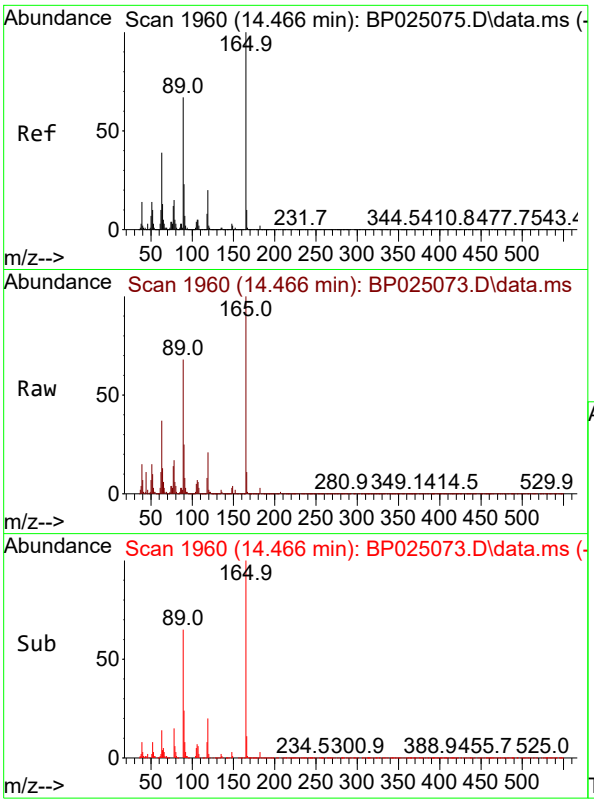


#56
4-Nitrophenol
Concen: 7.853 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:139 Resp: 98038

Ion	Ratio	Lower	Upper
139	100		
109	72.6	45.9	85.9
65	88.2	61.4	101.4



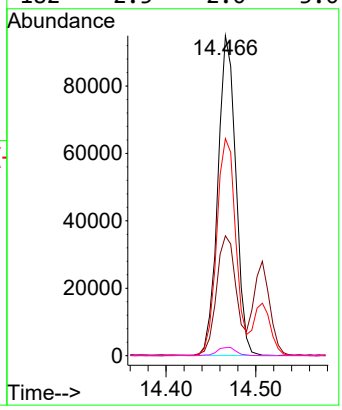


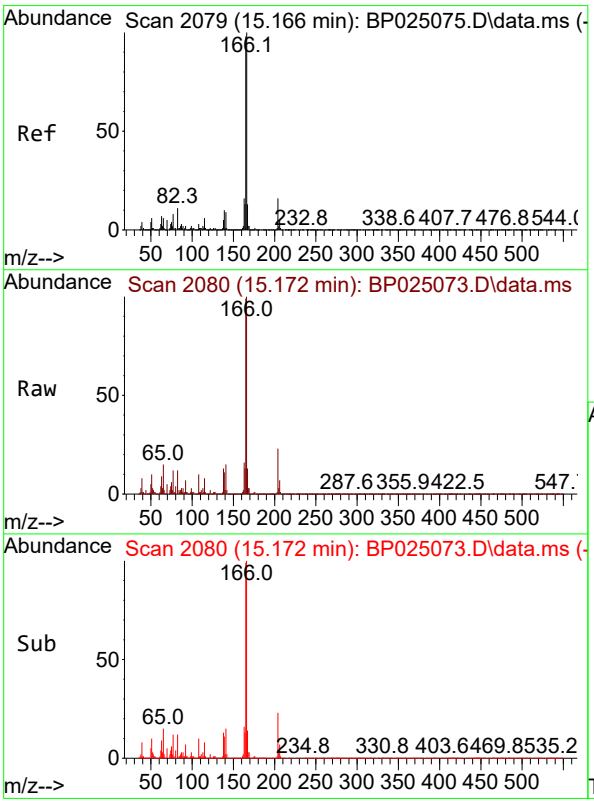
#57
2,4-Dinitrotoluene
Concen: 9.365 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 131885

Ion	Ratio	Lower	Upper
165	100		
63	37.5	31.0	46.4
89	67.9	53.4	80.0
182	2.5	2.0	3.0

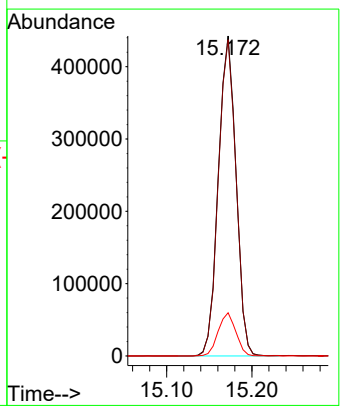


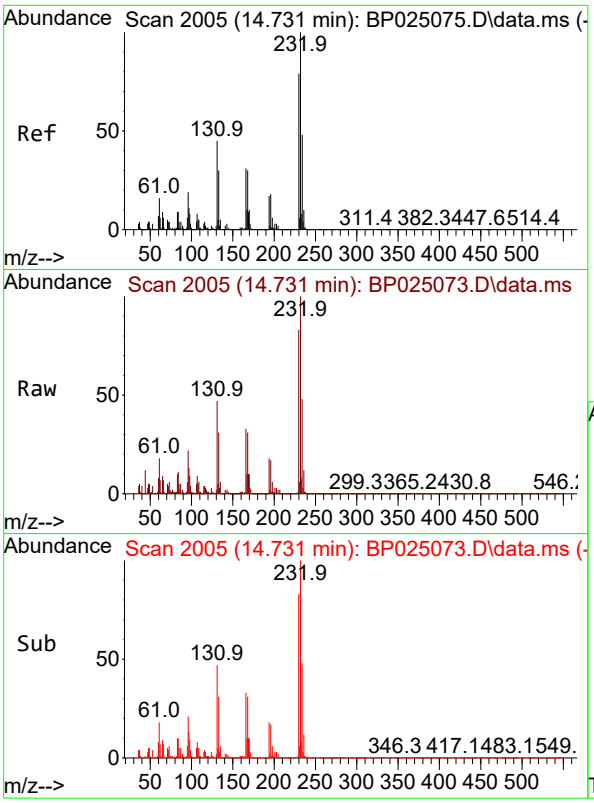


#58
Fluorene
Concen: 10.047 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:166 Resp: 639683

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	13.5	10.7	16.1



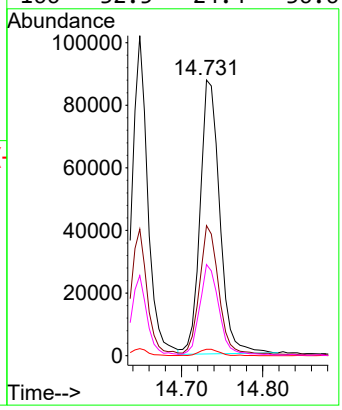


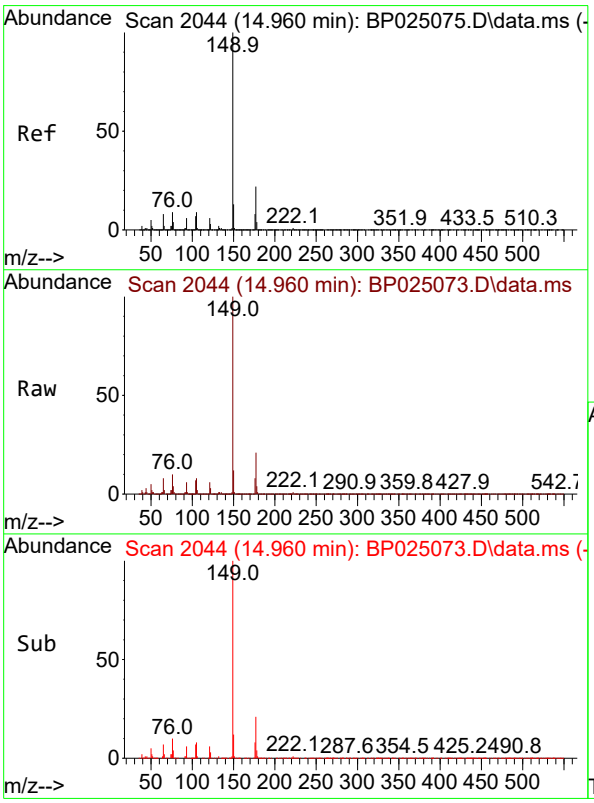
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.890 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 146800

Ion	Ratio	Lower	Upper
232	100		
131	46.4	35.7	53.5
130	2.5	1.8	2.6
166	32.5	24.4	36.6

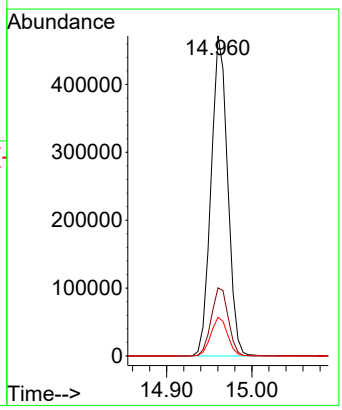


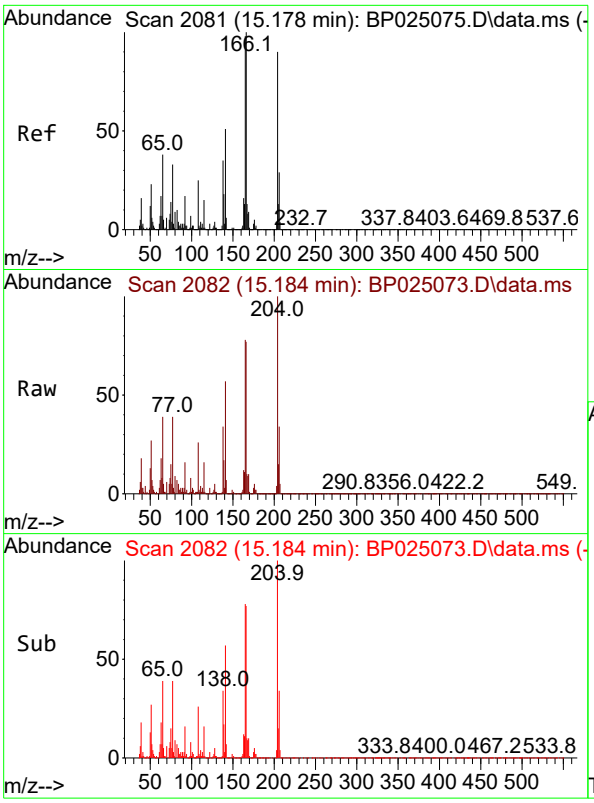


#60
Diethylphthalate
Concen: 9.788 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 636288

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.8	26.8
150	12.1	10.2	15.2



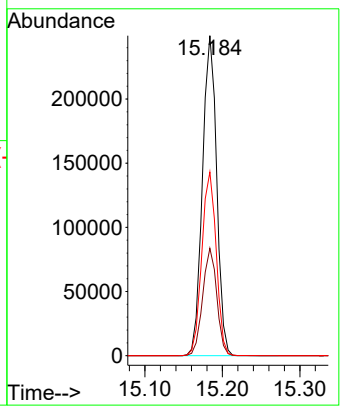


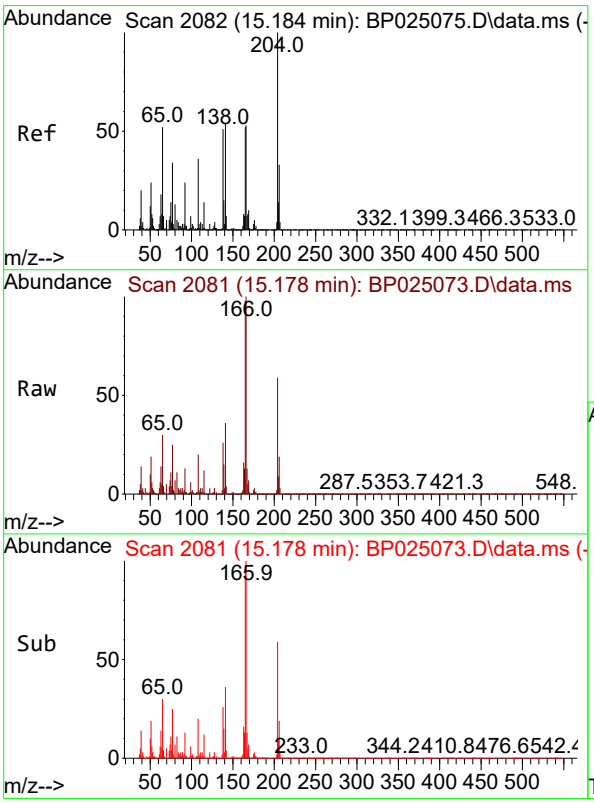
#61
4-Chlorophenyl-phenylether
Concen: 10.084 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 317737

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	57.4	45.1	67.7

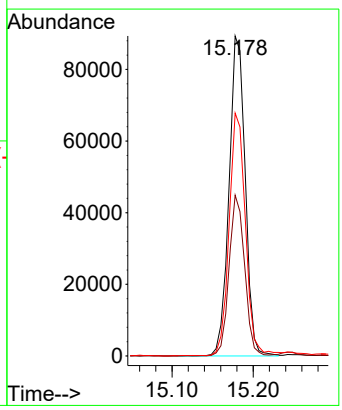


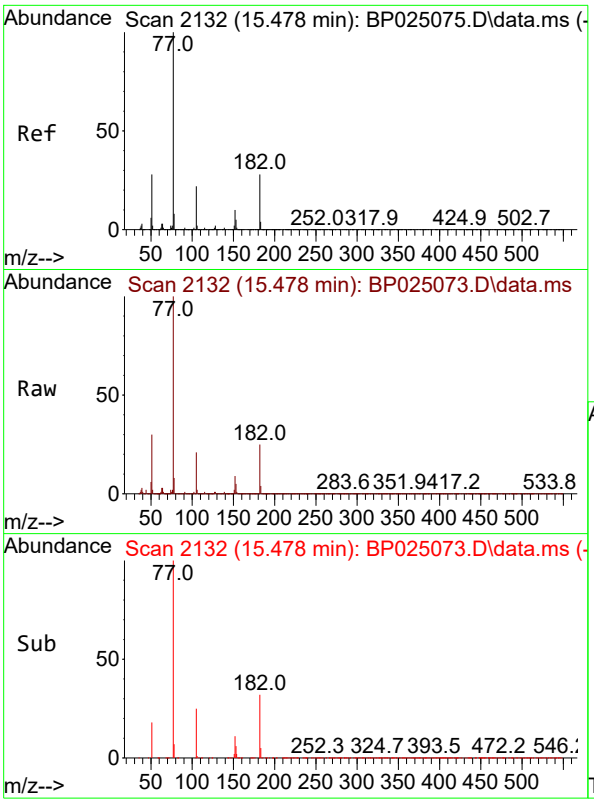


#62
4-Nitroaniline
Concen: 8.706 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:138 Resp: 123493

Ion	Ratio	Lower	Upper
138	100		
92	50.2	26.0	66.0
108	75.9	50.0	90.0



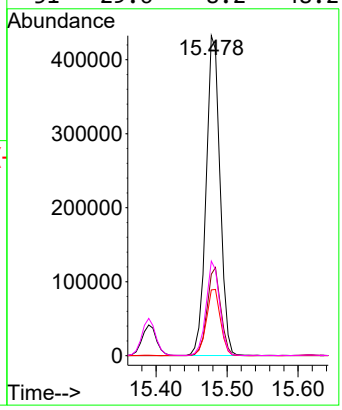


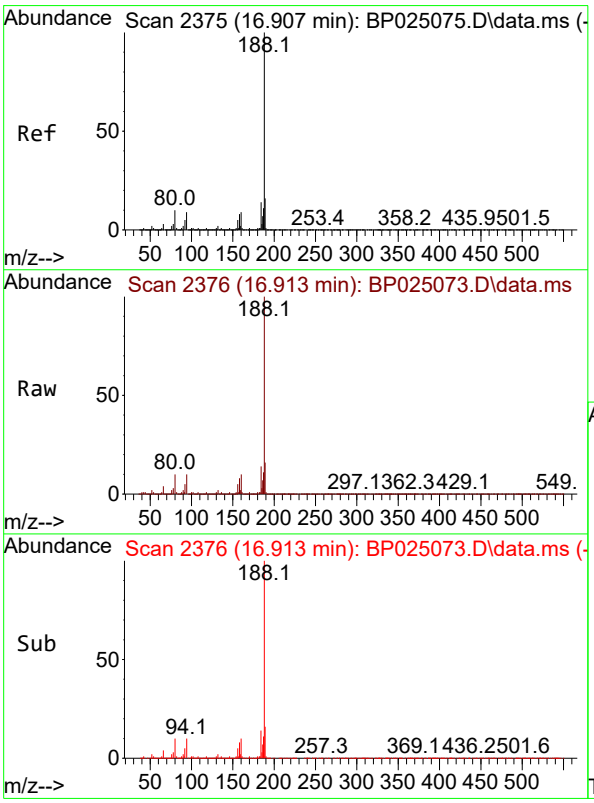
#63
Azobenzene
Concen: 10.181 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 589360

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.7	47.7
105	20.6	1.9	41.9
51	29.6	8.2	48.2

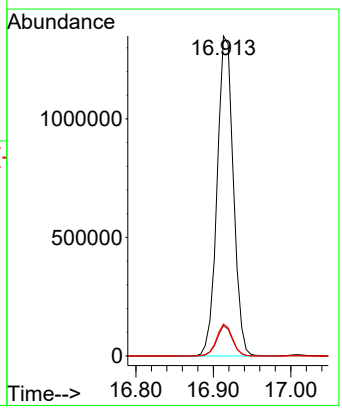


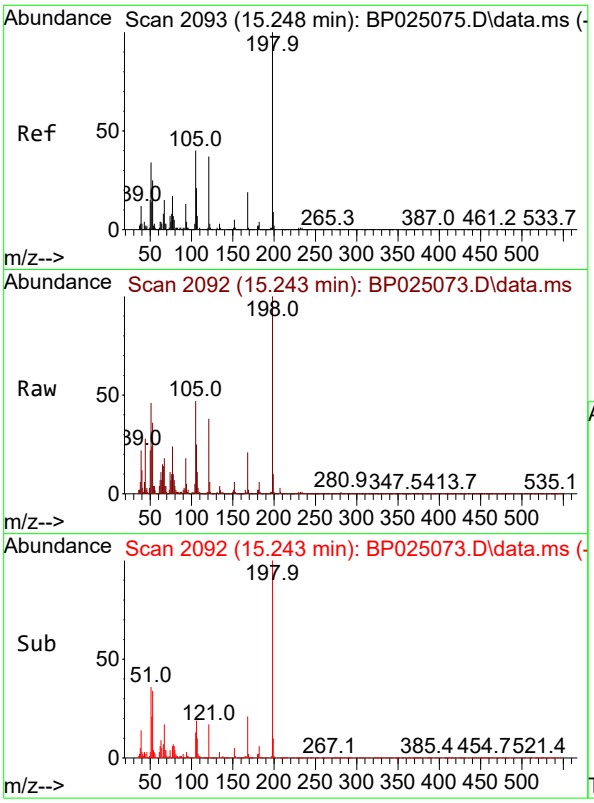


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:188 Resp: 1970410

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.3	10.9
80	10.0	7.8	11.6



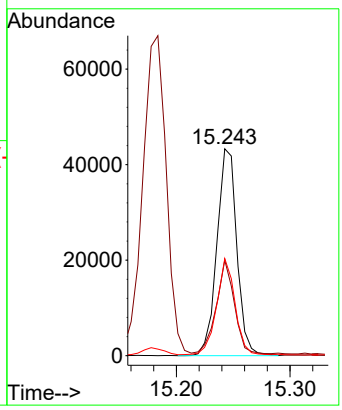


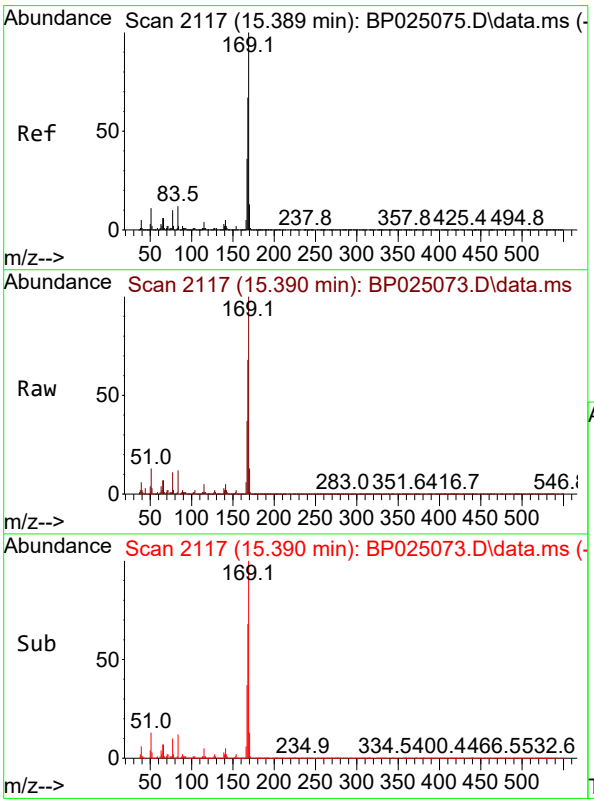
#65
4,6-Dinitro-2-methylphenol
Concen: 10.800 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 52978

Ion	Ratio	Lower	Upper
198	100		
51	46.1	16.8	56.8
105	46.9	20.8	60.8

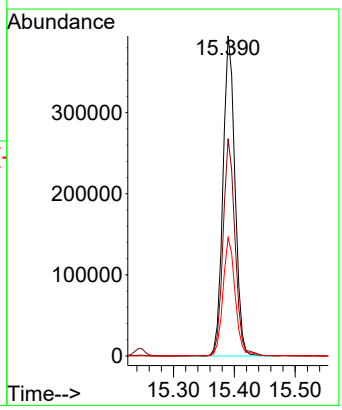


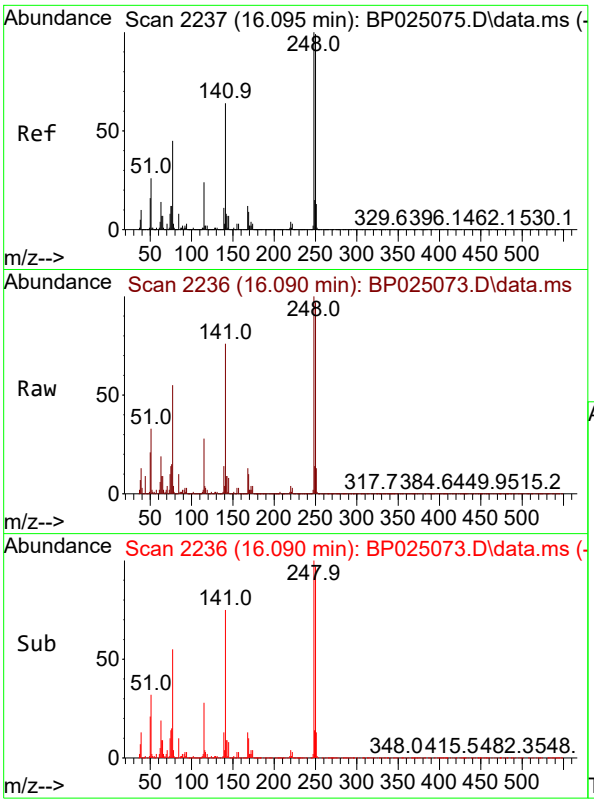


#66
n-Nitrosodiphenylamine
Concen: 9.573 ng
RT: 15.390 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:169 Resp: 539820

Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.0	29.0	43.6



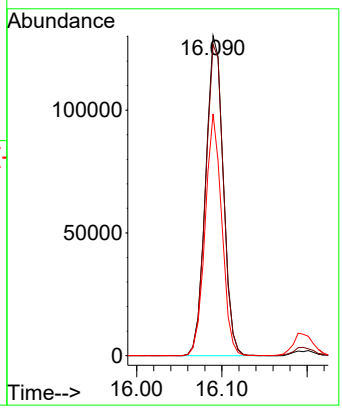


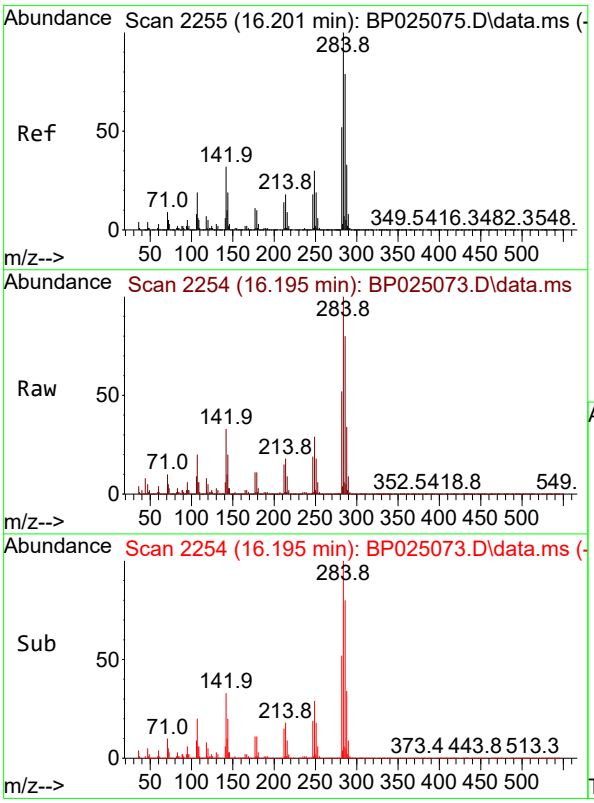
#67
4-Bromophenyl-phenylether
Concen: 9.256 ng
RT: 16.090 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 186736

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	75.5	51.4	77.0

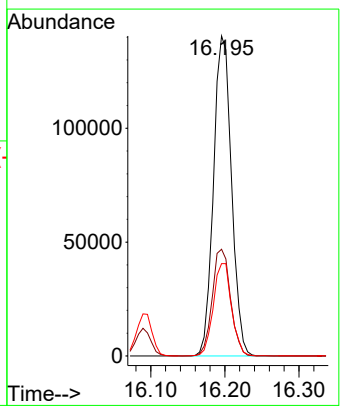


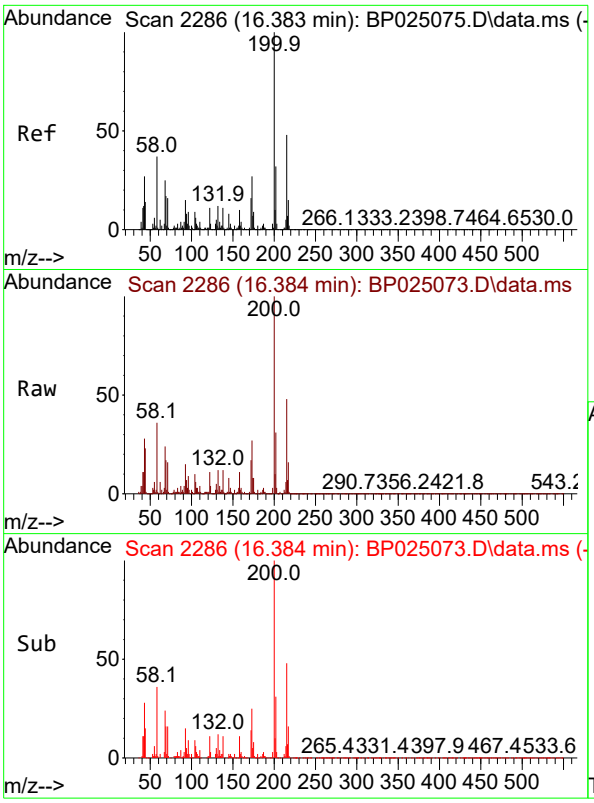


#68
Hexachlorobenzene
Concen: 9.604 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:284 Resp: 236838

Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.9	38.9
249	28.9	23.8	35.8



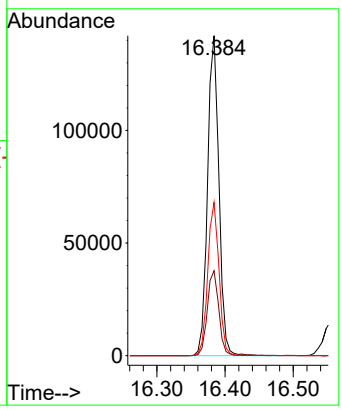


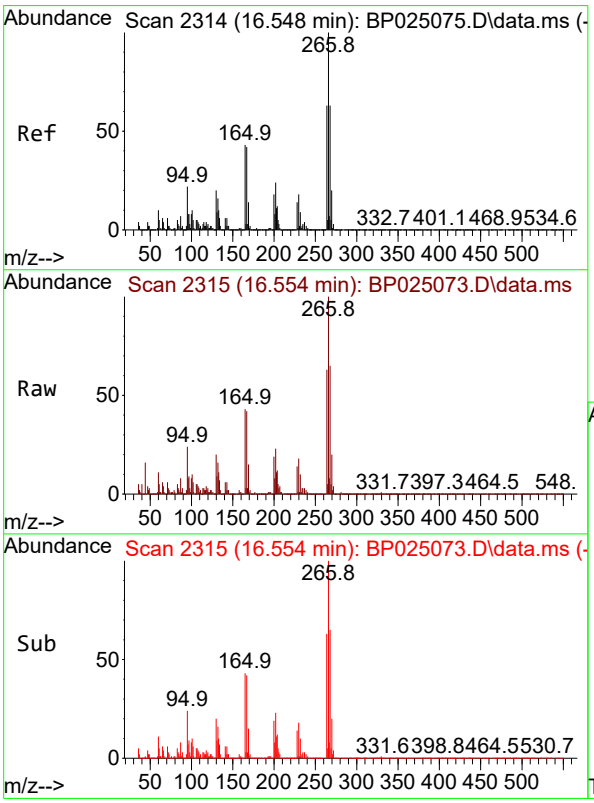
#69
Atrazine
Concen: 9.954 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 164479

Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	47.9	28.0	68.0

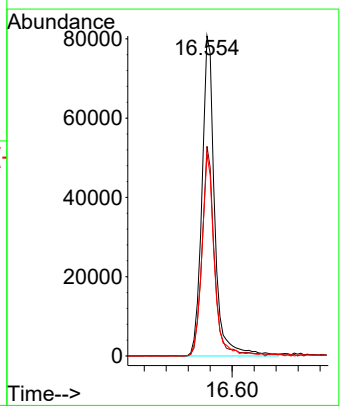


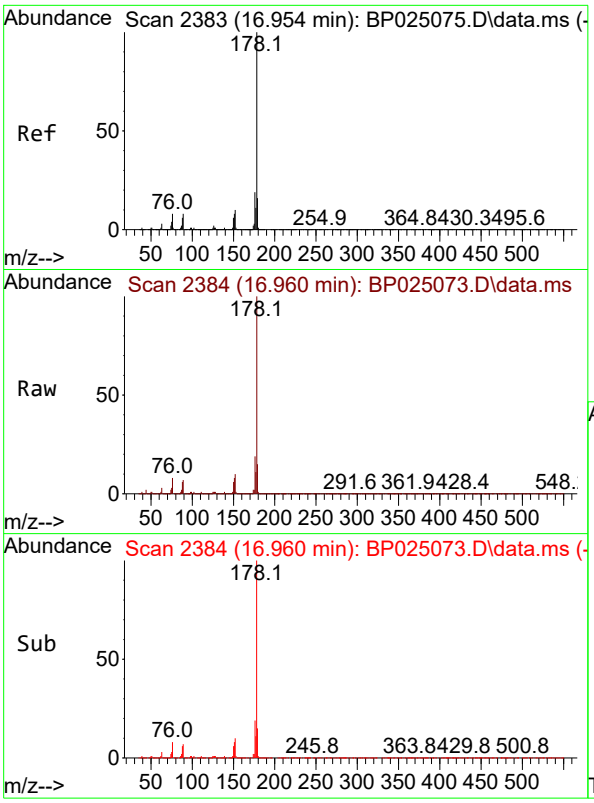


#70
Pentachlorophenol
Concen: 7.774 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:266 Resp: 129459

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.4	75.6
264	63.0	50.2	75.2



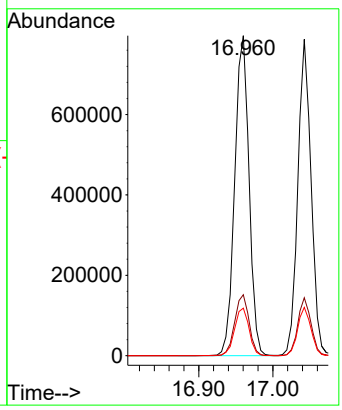


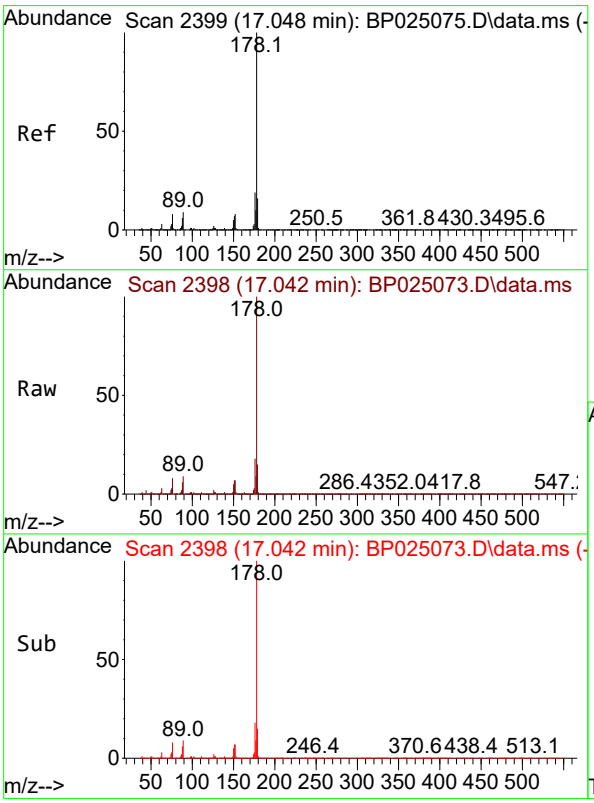
#71
Phenanthrene
Concen: 10.146 ng
RT: 16.960 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 1068228

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.8	12.6	19.0

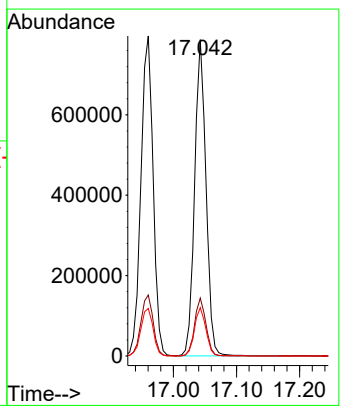


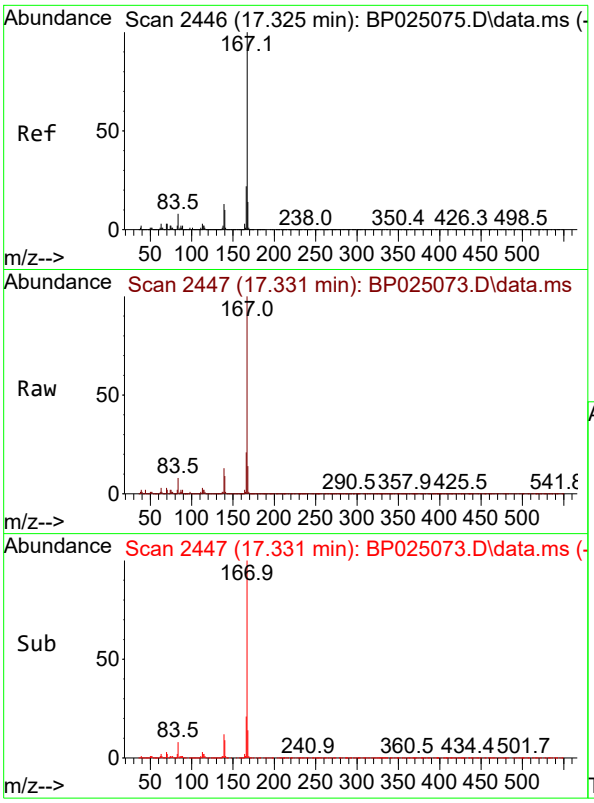


#72
Anthracene
Concen: 9.710 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:178 Resp: 980773

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.5	18.7



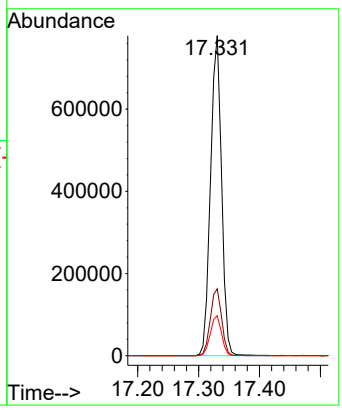


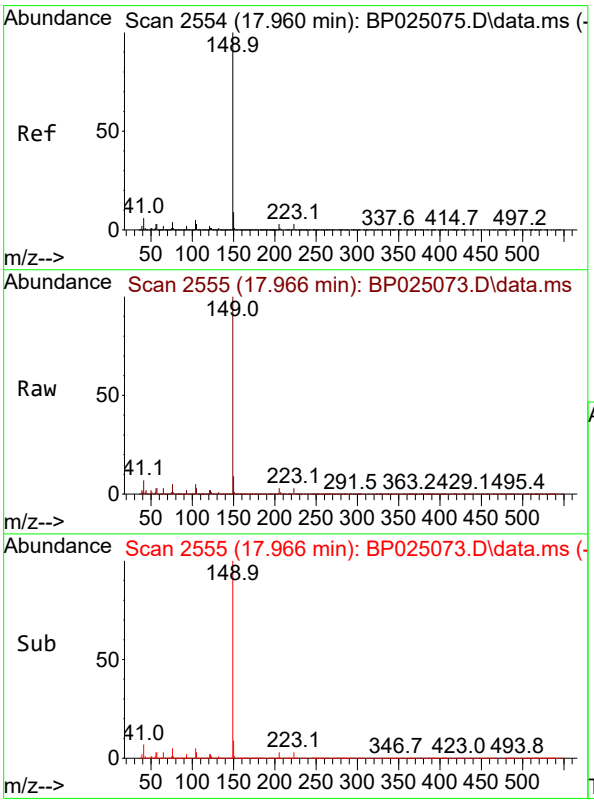
#73
Carbazole
Concen: 9.917 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 979377

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.5	10.4	15.6

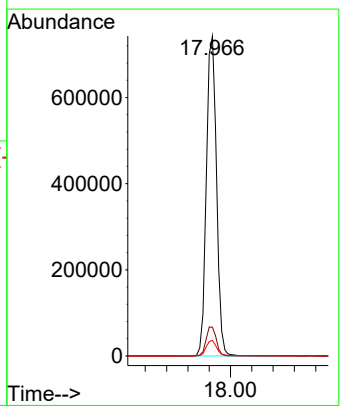


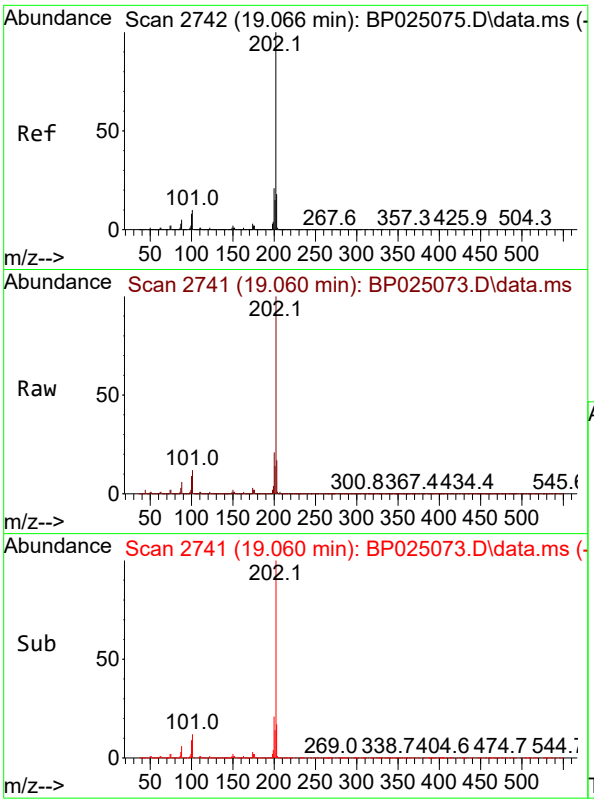


#74
Di-n-butylphthalate
Concen: 8.907 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 979540

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.9	3.8	5.6



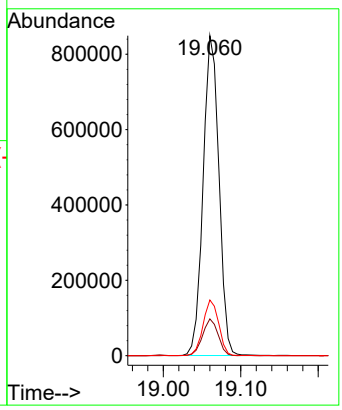


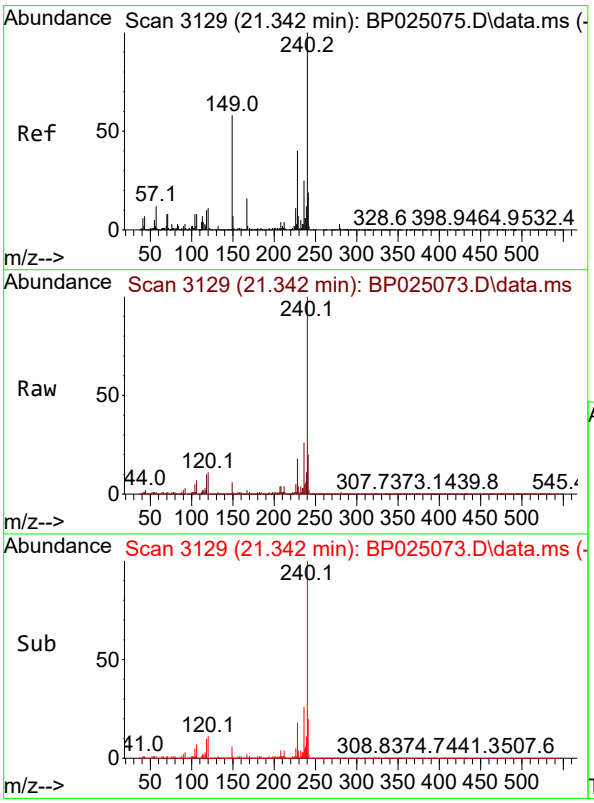
#75
Fluoranthene
Concen: 9.781 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 1203752

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.4
203	17.4	0.0	37.6

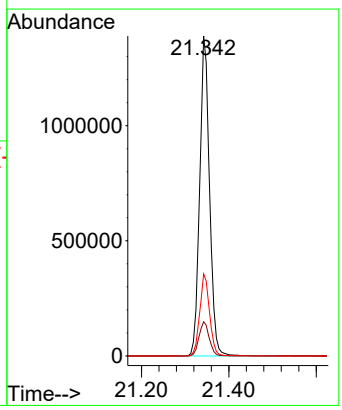


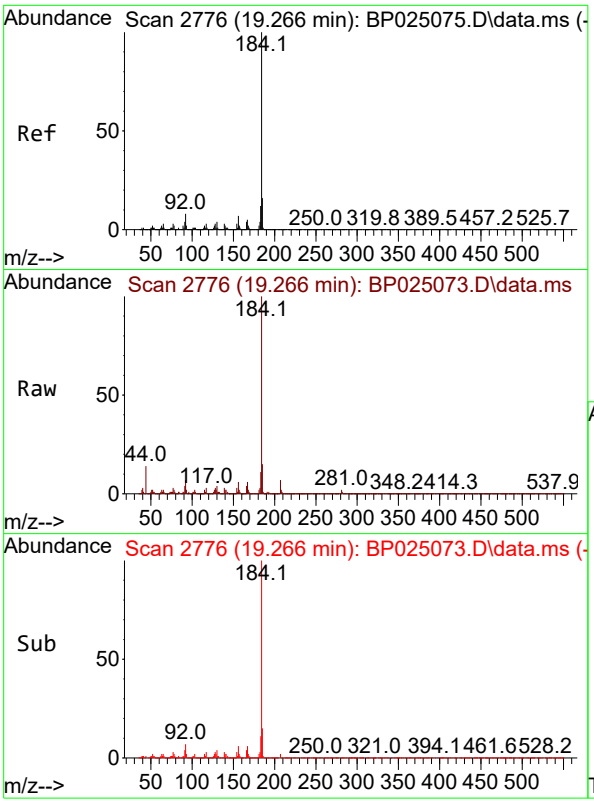


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:240 Resp: 2172955

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	20.3	30.5



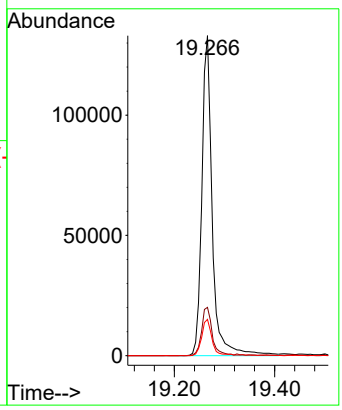


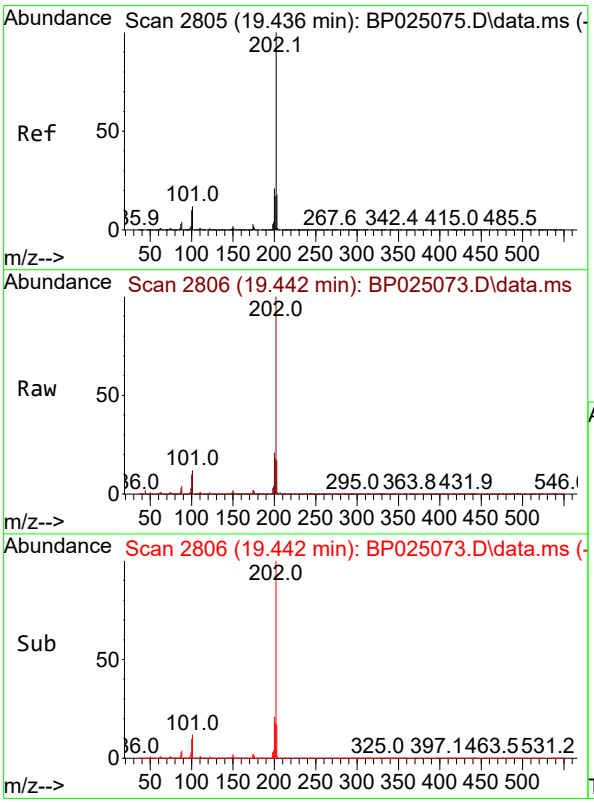
#77
Benzidine
Concen: 5.003 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 192008

Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	11.4	9.4	14.2

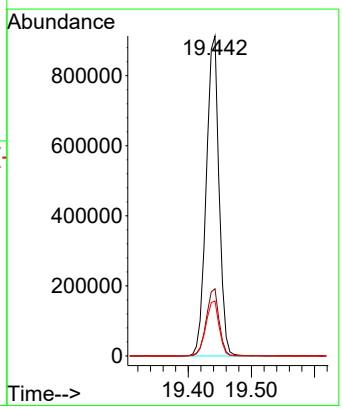


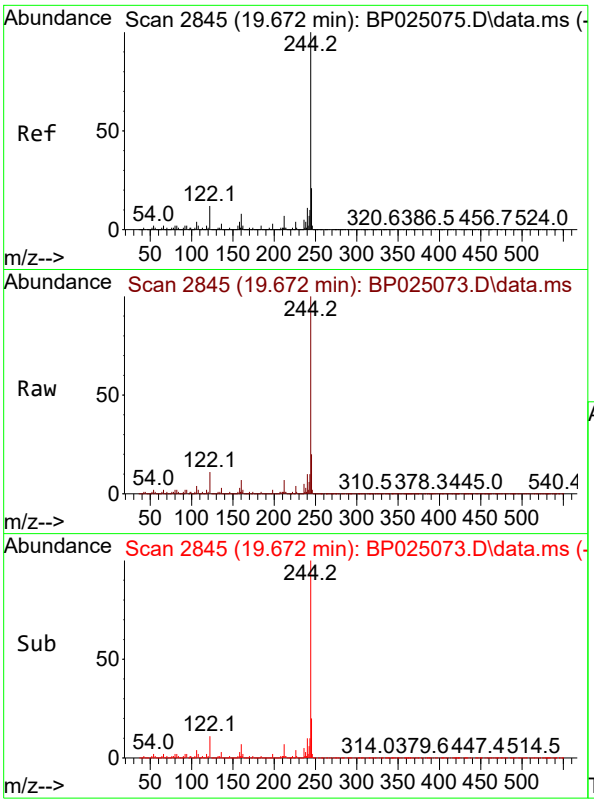


#78
Pyrene
Concen: 9.559 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:202 Resp: 1286495

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.1	21.1



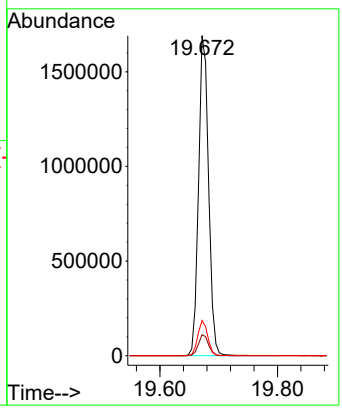


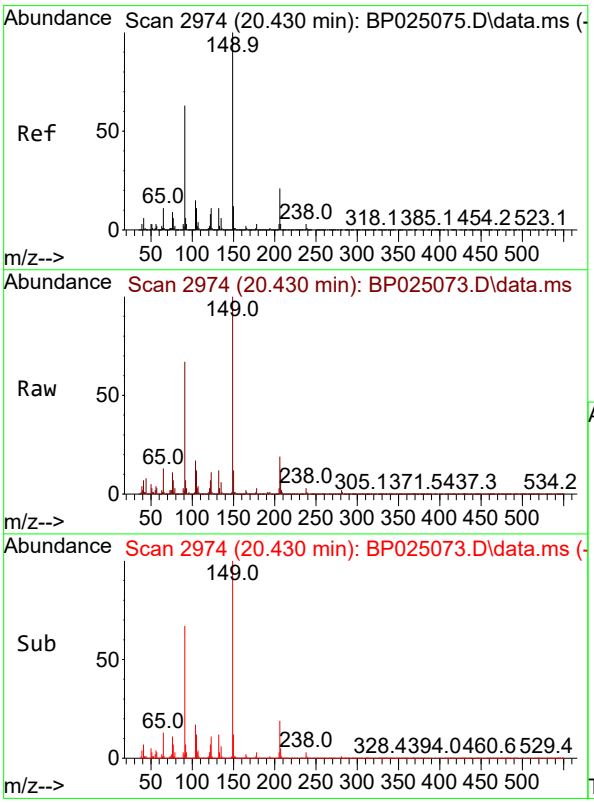
#79
Terphenyl-d14
Concen: 20.207 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1997838

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	11.0	9.4	14.2

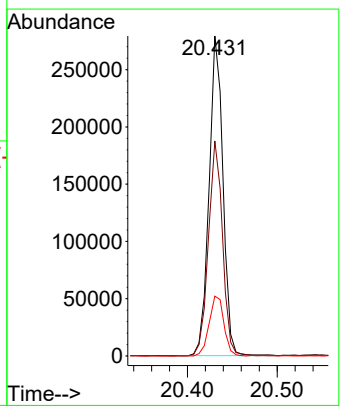


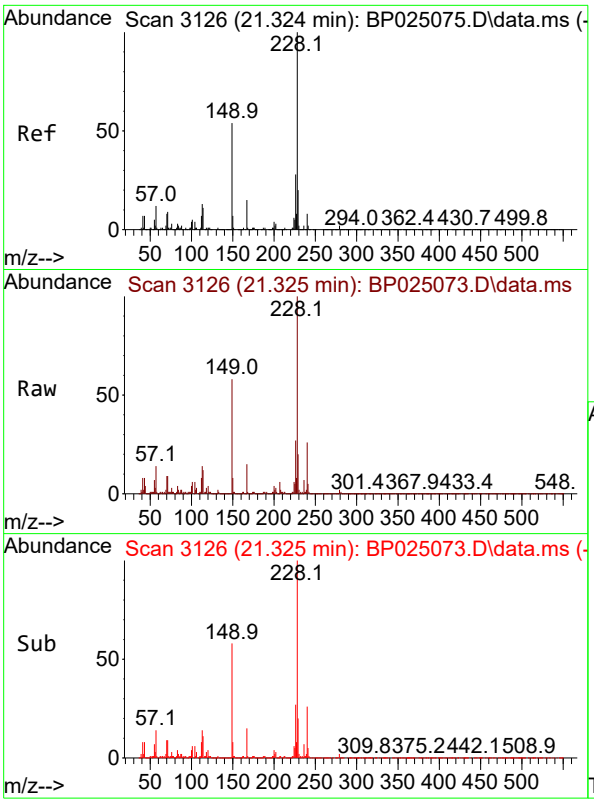


#80
Butylbenzylphthalate
Concen: 9.024 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 300028

Ion	Ratio	Lower	Upper
149	100		
91	67.2	50.6	76.0
206	18.7	17.2	25.8



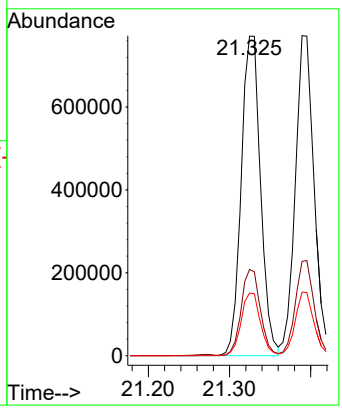


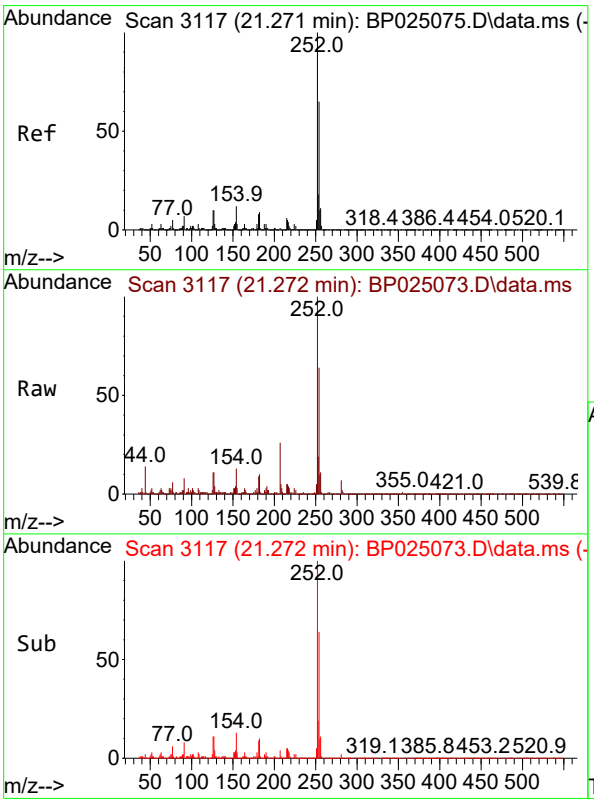
#81
Benzo(a)anthracene
Concen: 9.691 ng
RT: 21.325 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1276106

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.6	16.0	24.0

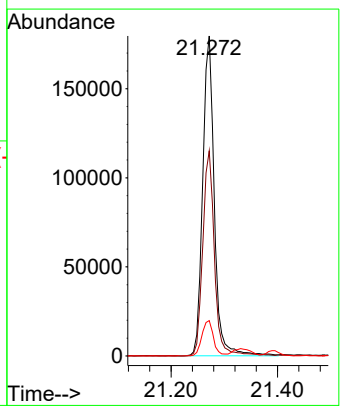


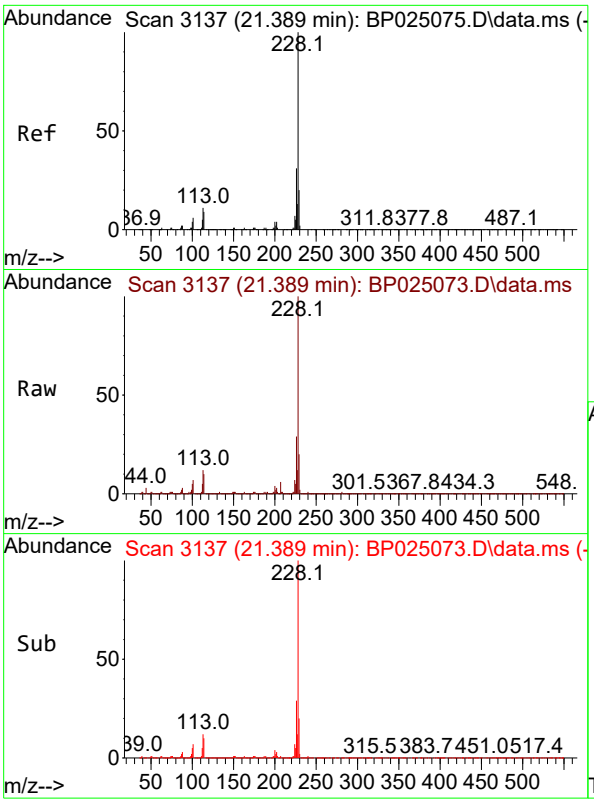


#82
3,3'-Dichlorobenzidine
Concen: 6.834 ng
RT: 21.272 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 270931

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.9	77.9
126	11.0	8.1	12.1



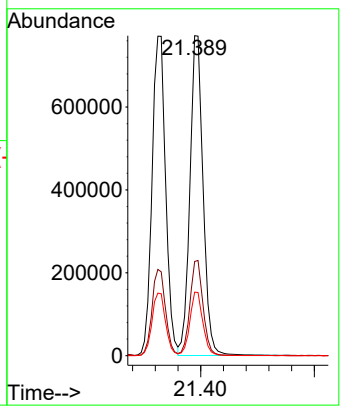


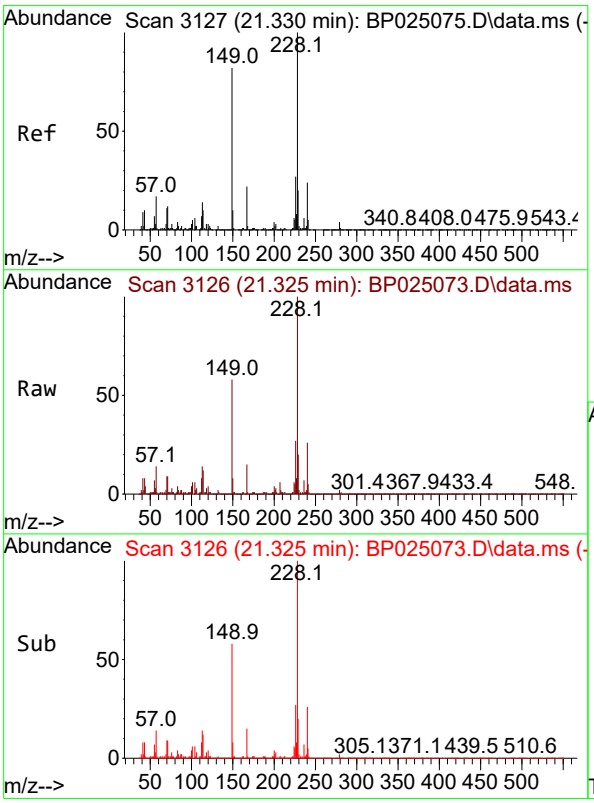
#83
Chrysene
Concen: 9.832 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1246003

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	19.9	16.0	24.0

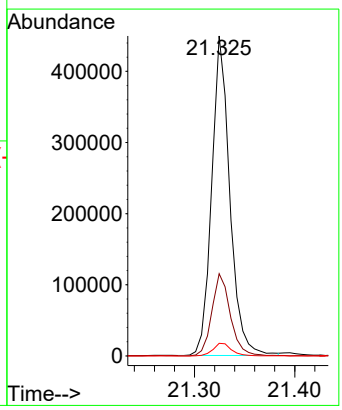


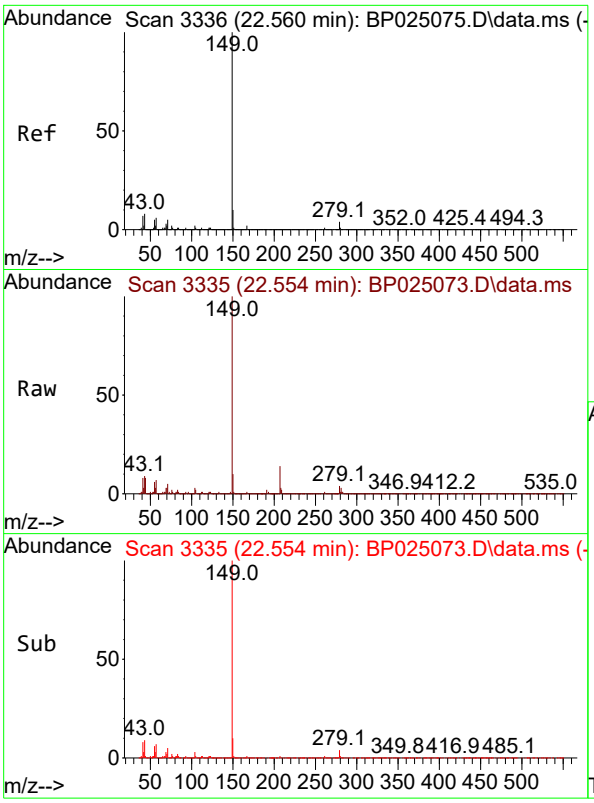


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.999 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:149 Resp: 564998

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.9	32.9
279	3.9	3.5	5.3



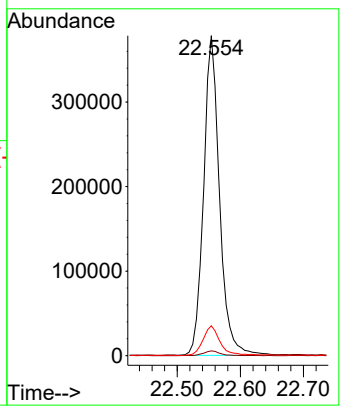


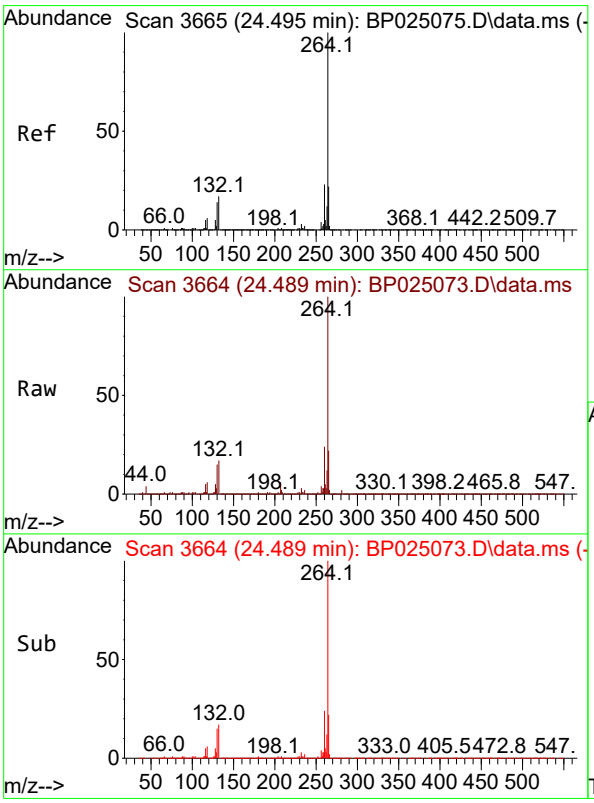
#85
Di-n-octyl phthalate
Concen: 10.561 ng
RT: 22.554 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 662011

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	6.9	10.3

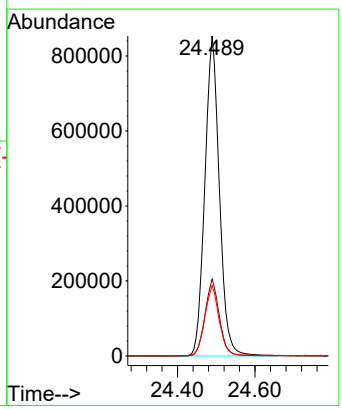


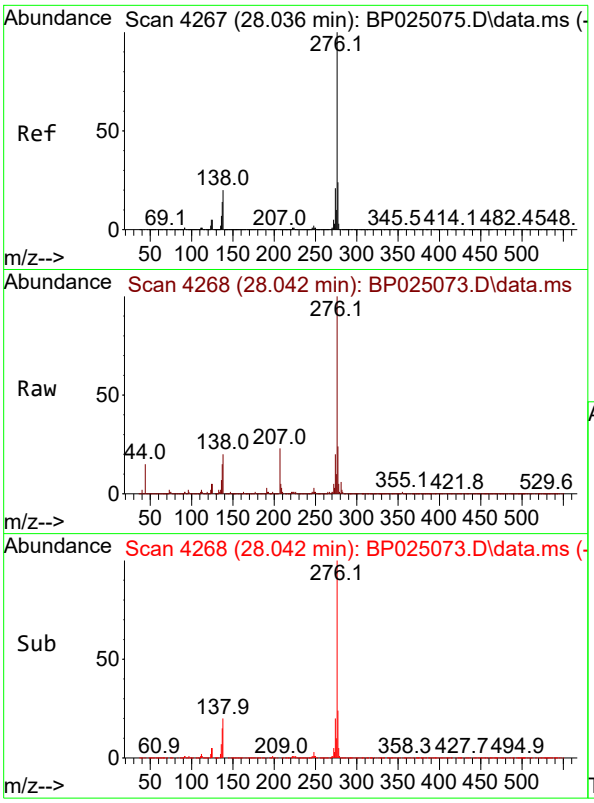


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.489 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:264 Resp: 2220570

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	22.0	17.7	26.5



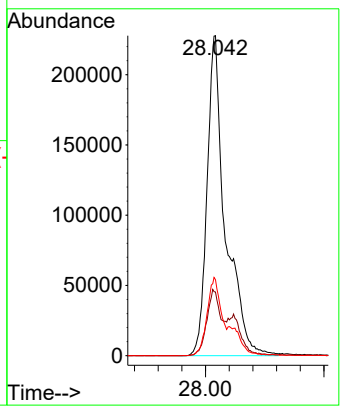


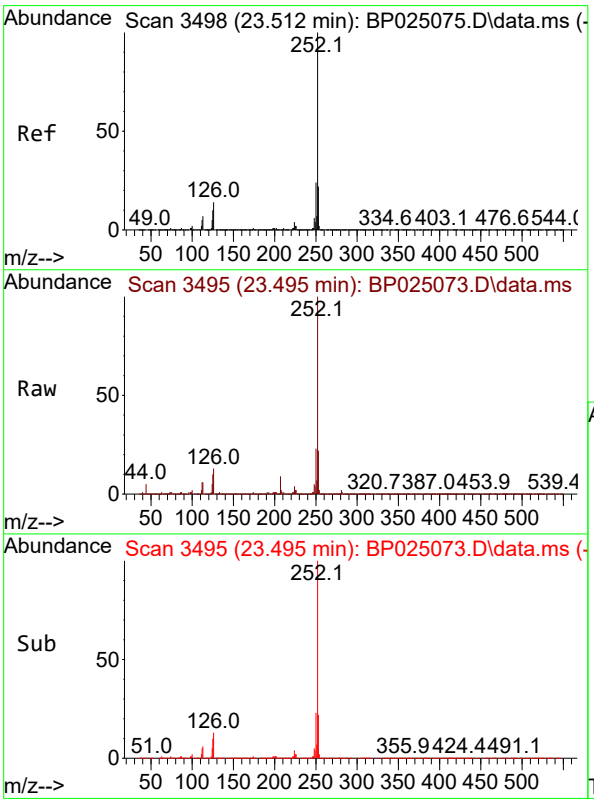
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.642 ng
RT: 28.042 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 1222863

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.0	19.6
277	18.8	15.9	23.9

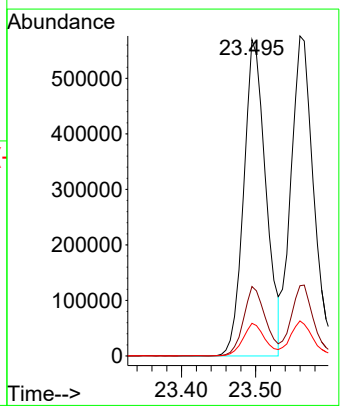


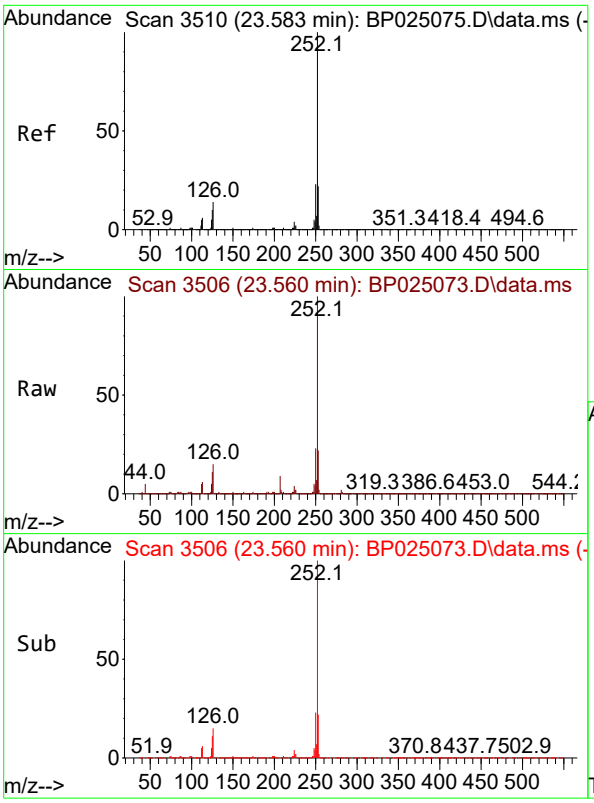


#88
Benzo(b)fluoranthene
Concen: 9.134 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 1180548

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.3	8.1	12.1



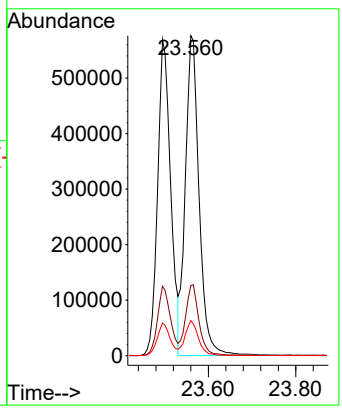


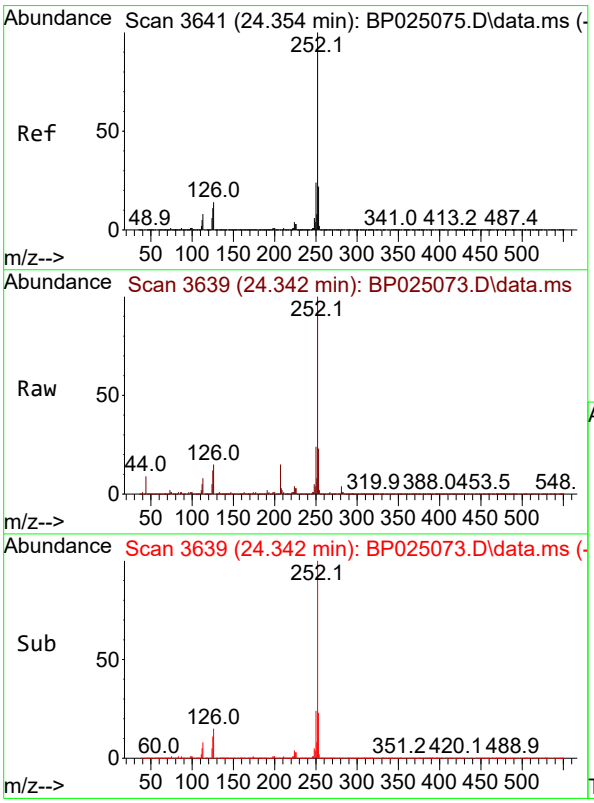
#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 1252989

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	8.2	12.2

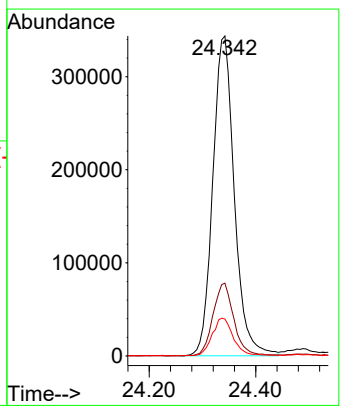


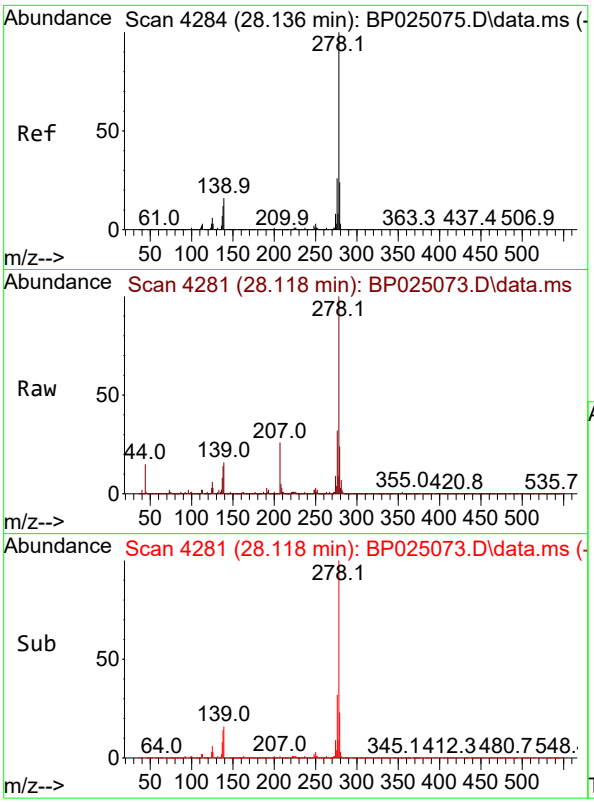


#90
Benzo(a)pyrene
Concen: 8.758 ng
RT: 24.342 min Scan# 3639
Delta R.T. -0.012 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:252 Resp: 963455

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.5	9.0	13.4



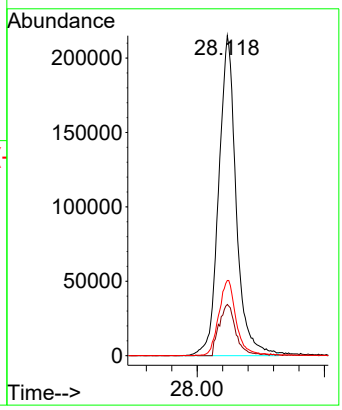


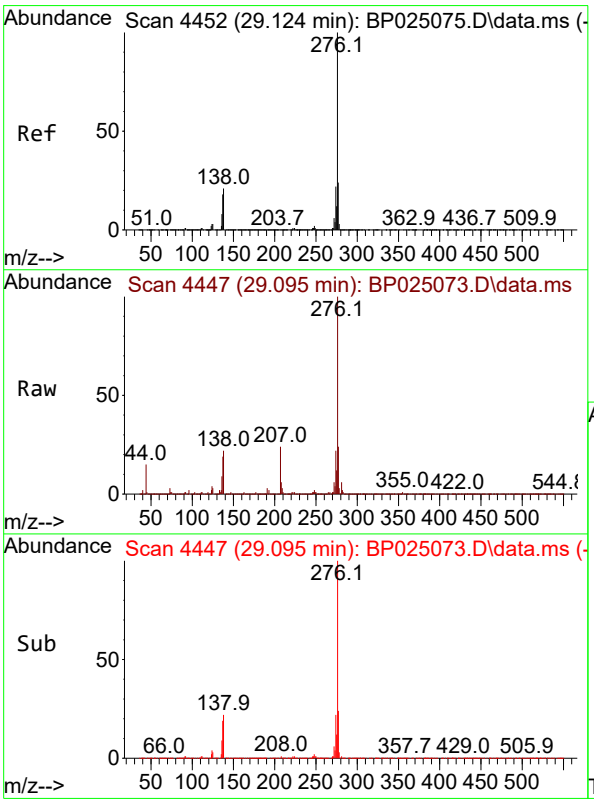
#91
Dibenzo(a,h)anthracene
Concen: 8.747 ng
RT: 28.118 min Scan# 4
Delta R.T. -0.017 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 1022797

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	23.5	18.9	28.3

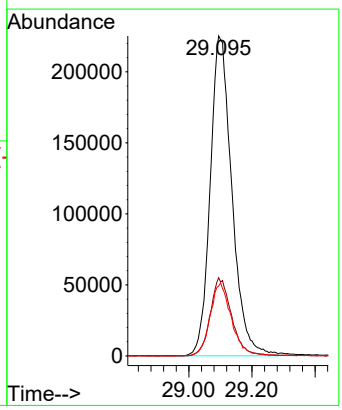




#92
Benzo(g,h,i)perylene
Concen: 8.886 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025073.D
Acq: 03 Jul 2025 11:02

Tgt Ion:276 Resp: 1073371

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	21.8	16.9	25.3



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng		0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng		0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng		0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	842975	41.776	ng		0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng		0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng		-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng		0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng		98
3) Pyridine	3.490	79	444402	20.702	ng		98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng	#	98
6) Aniline	6.784	93	511196	20.777	ng		99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng		98
9) Benzaldehyde	6.596	77	319740	23.250	ng		99
10) Phenol	6.655	94	554695	20.731	ng		99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng		99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng		99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng		98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng		100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng		99
17) 2-Methylphenol	7.878	107	359925	20.883	ng		99
18) Hexachloroethane	8.502	117	171635	20.594	ng		96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng		97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng		99
22) Acetophenone	8.243	105	733244	21.234	ng		99
24) Nitrobenzene	8.613	77	465912	20.834	ng		98
25) Isophorone	9.131	82	857174	20.891	ng		100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng		97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng		99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng		99
31) Naphthalene	10.237	128	1578374	20.993	ng		99
32) Benzoic acid	9.472	122	222091	18.881	ng		99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng		98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng		99
35) Caprolactam	11.096	113	148067	20.394	ng		99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng		100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng		99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng		99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng		100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng		97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025074.D
Acq On : 03 Jul 2025 11:44
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Jul 03 15:52:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 15:38:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

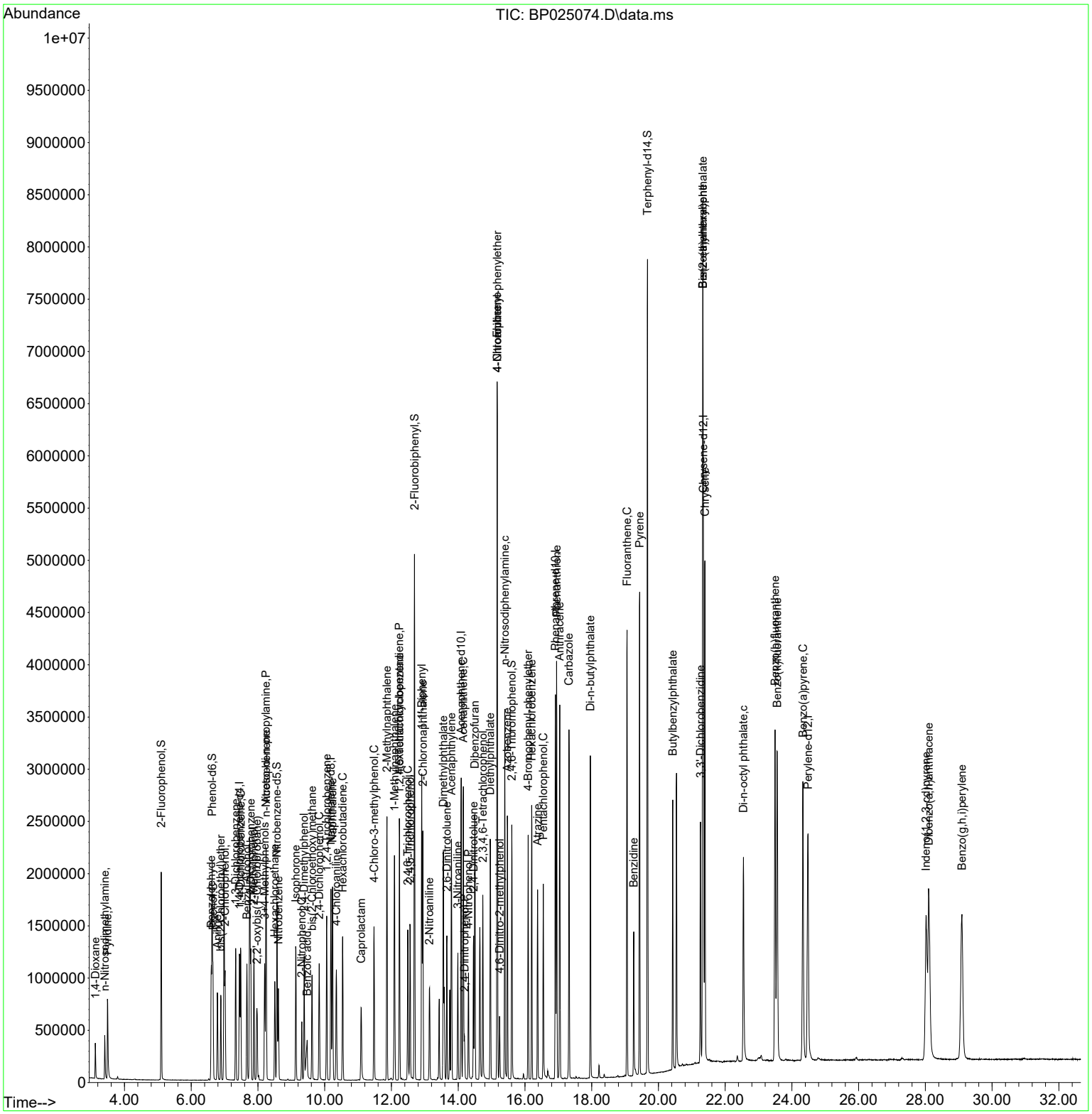
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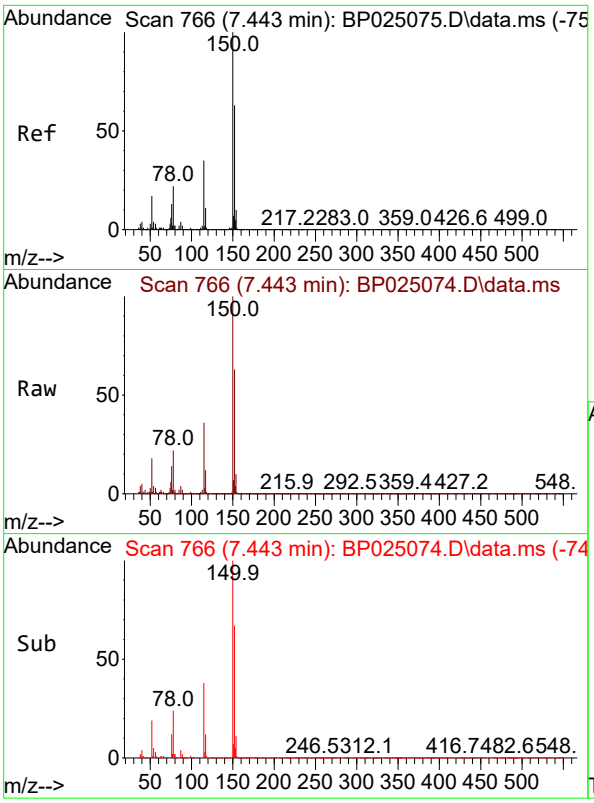
ICAL Form

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



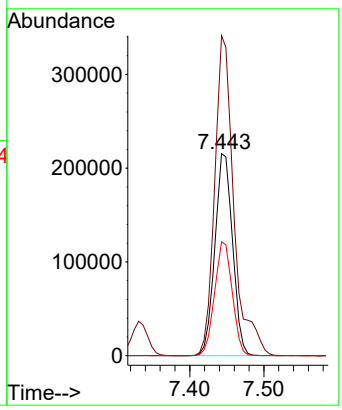


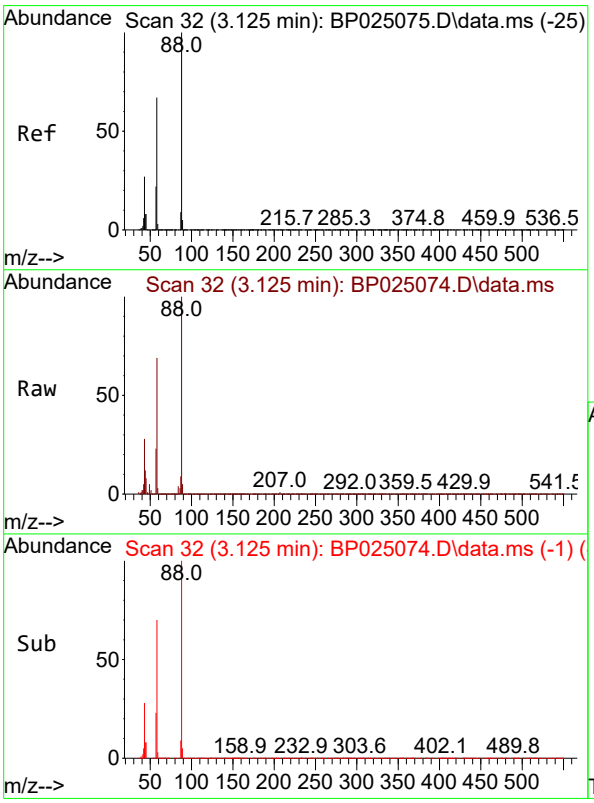
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

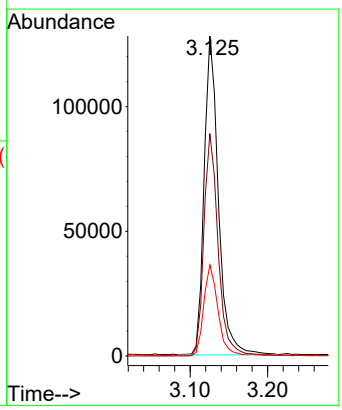


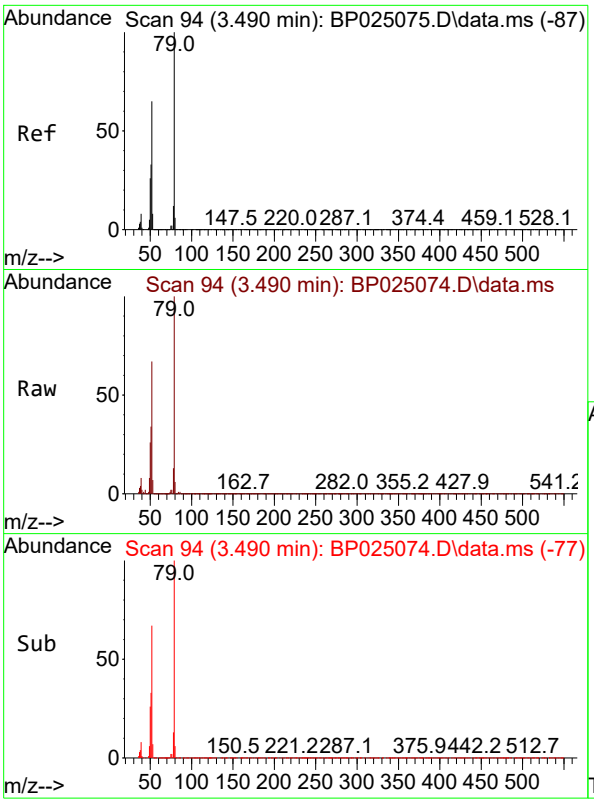


#2
1,4-Dioxane
Concen: 20.836 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



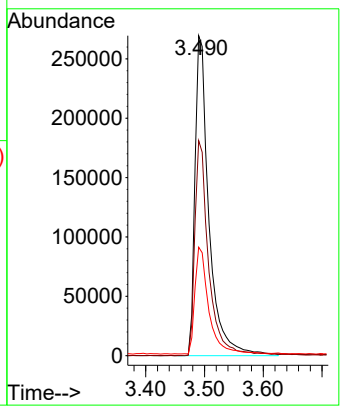


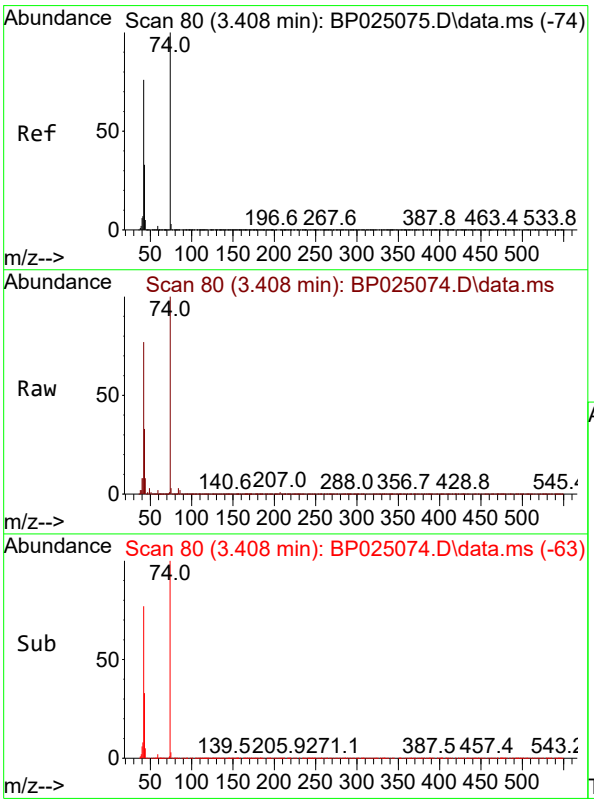
#3
Pyridine
Concen: 20.702 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

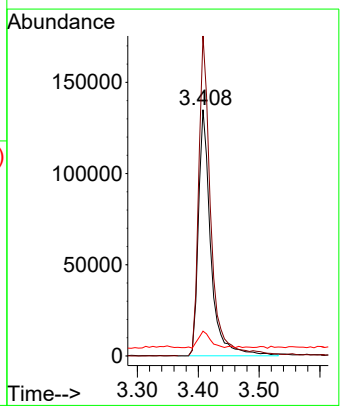


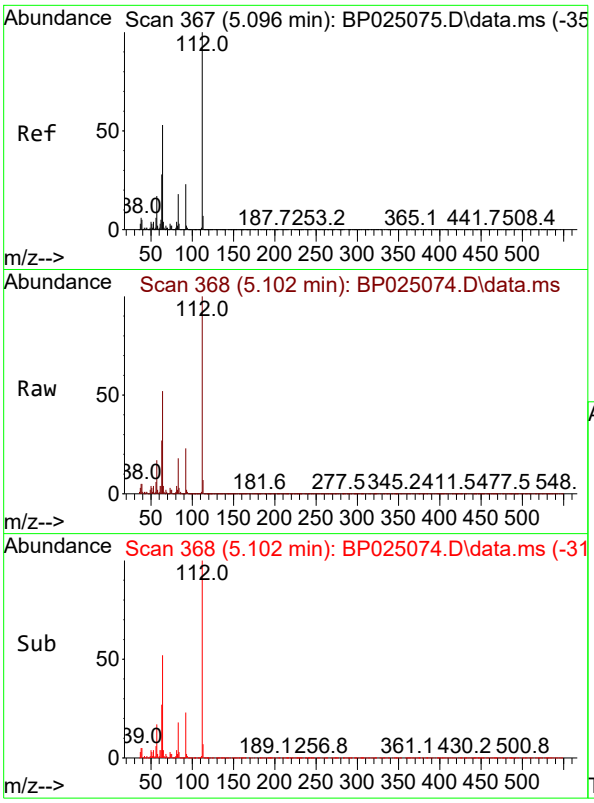


#4
n-Nitrosodimethylamine
Concen: 20.874 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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#



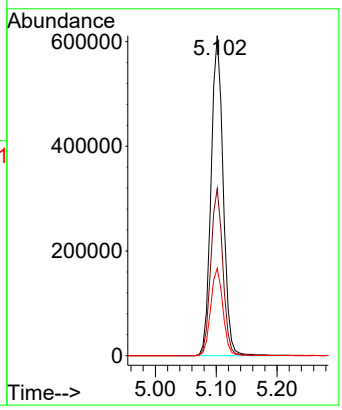


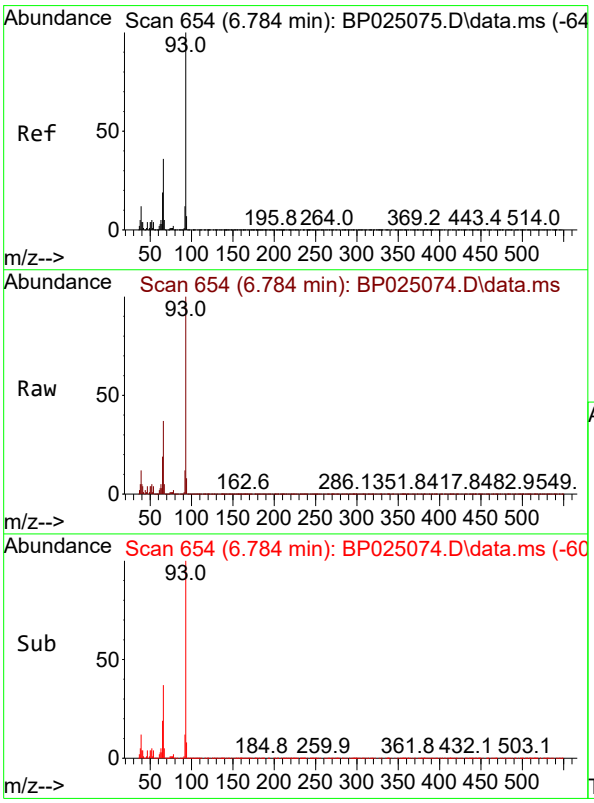
#5
2-Fluorophenol
Concen: 41.776 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

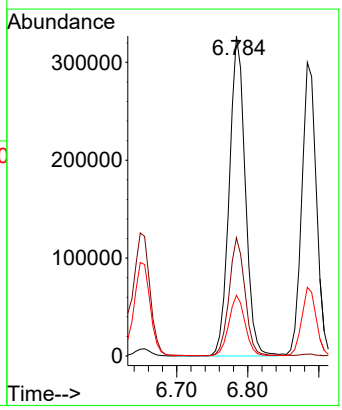


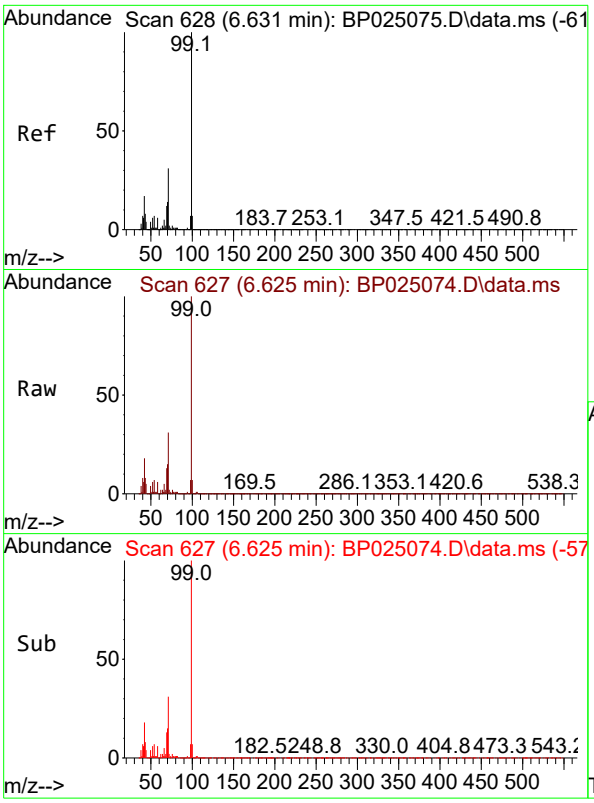


#6
Aniline
Concen: 20.777 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



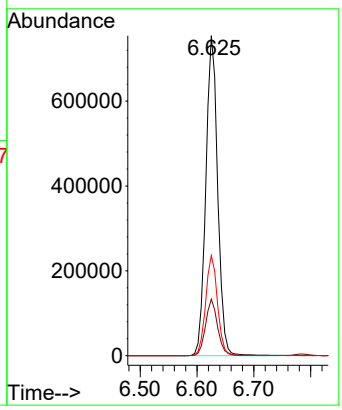


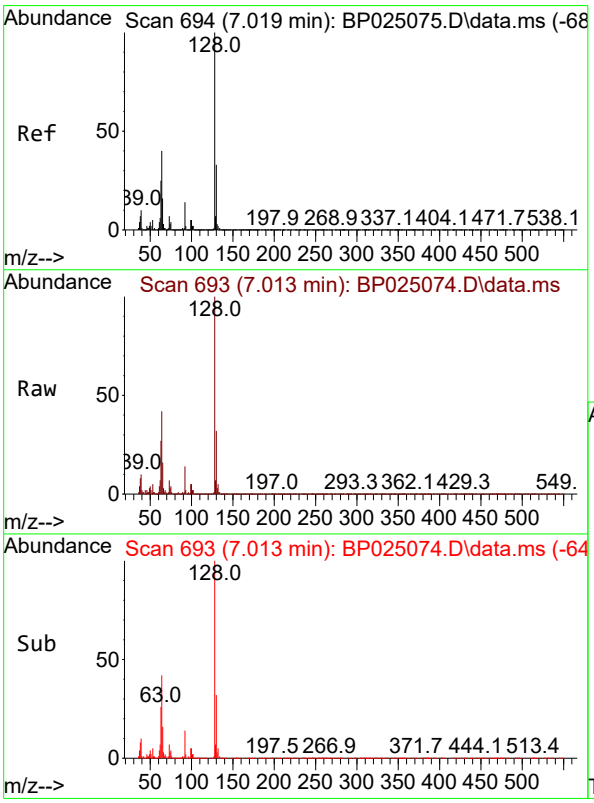
#7
Phenol-d6
Concen: 41.286 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

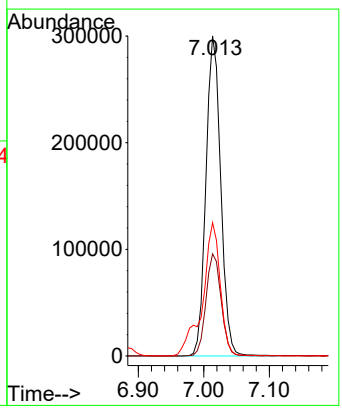


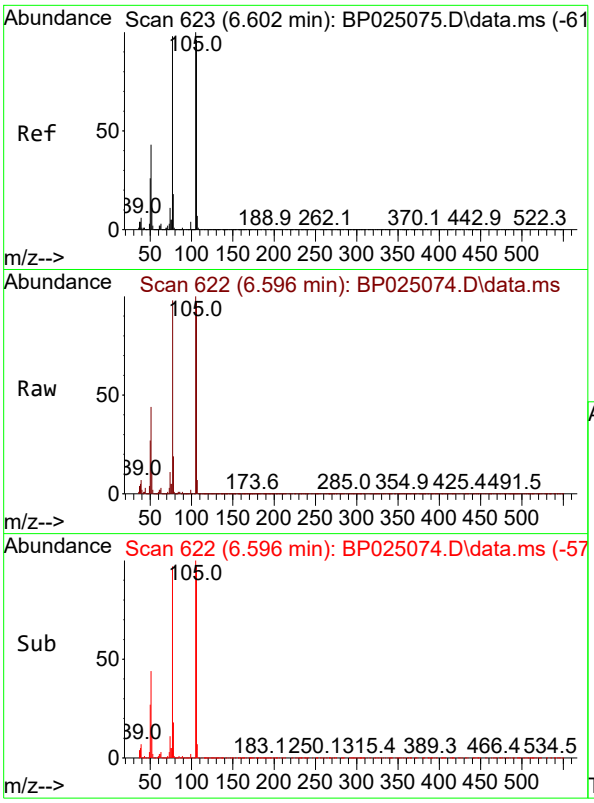


#8
2-Chlorophenol
Concen: 20.908 ng
RT: 7.013 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



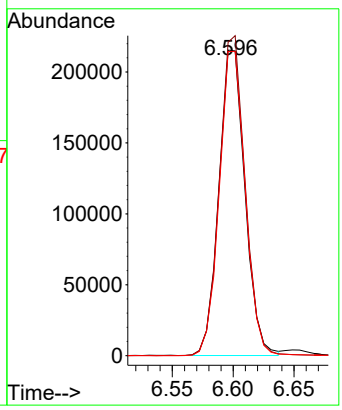


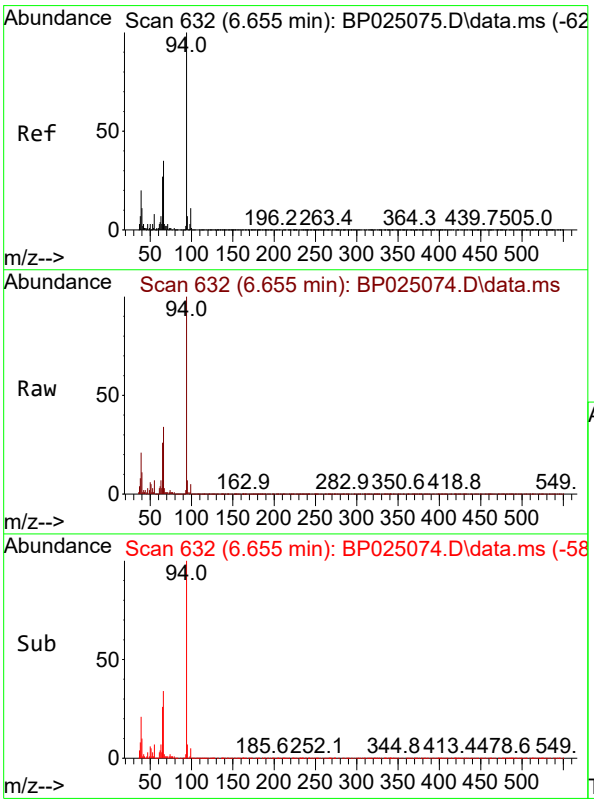
#9
Benzaldehyde
Concen: 23.250 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

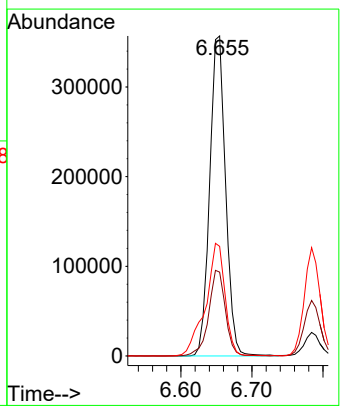


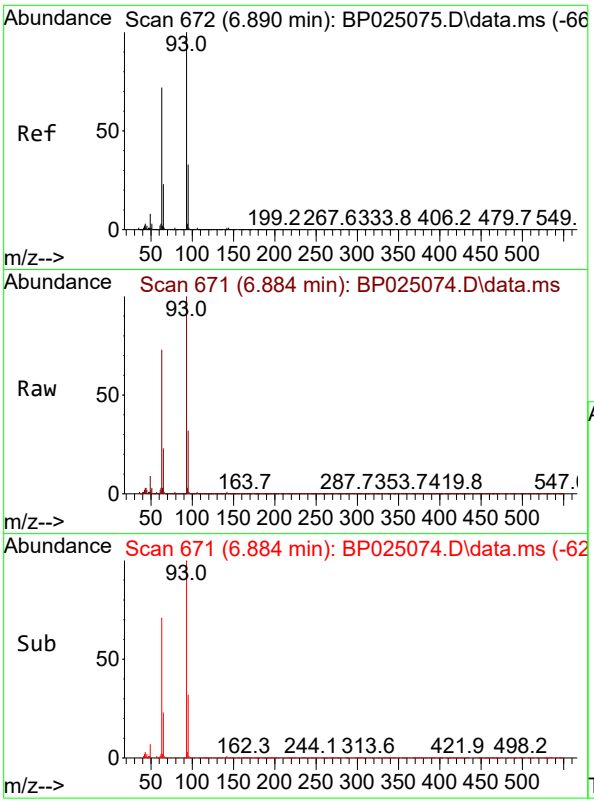


#10
Phenol
Concen: 20.731 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



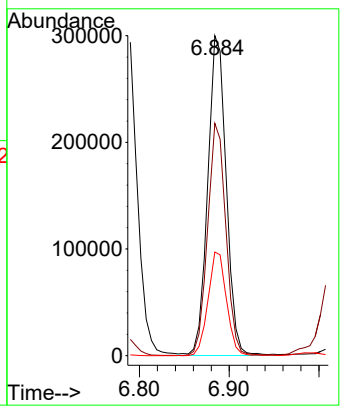


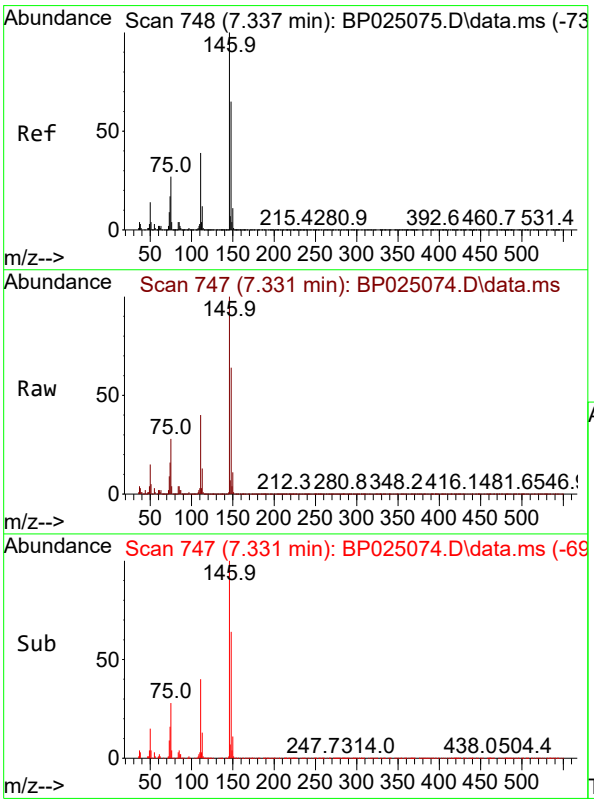
#11
bis(2-Chloroethyl)ether
Concen: 20.838 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

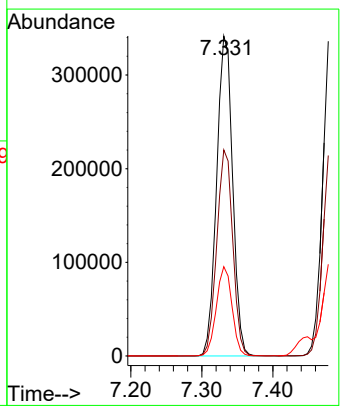


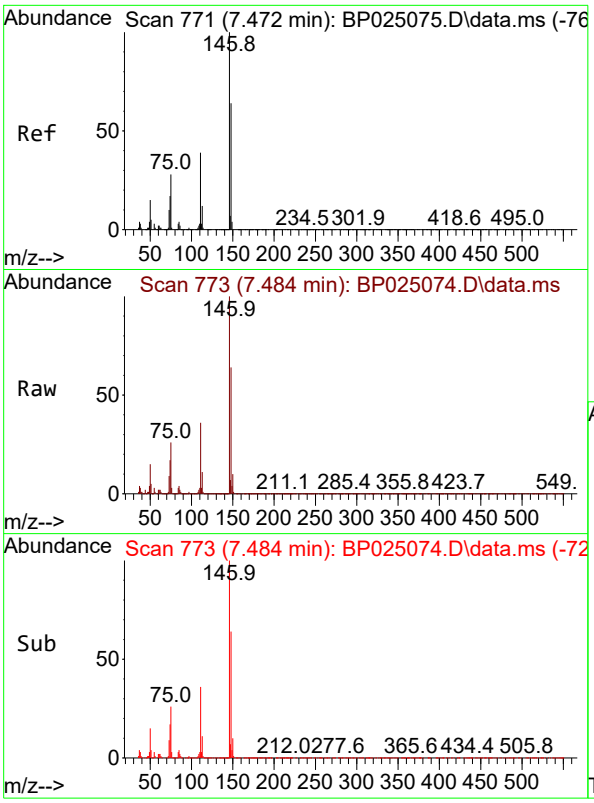


#12
1,3-Dichlorobenzene
Concen: 21.016 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



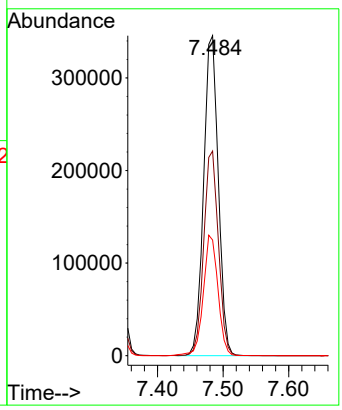


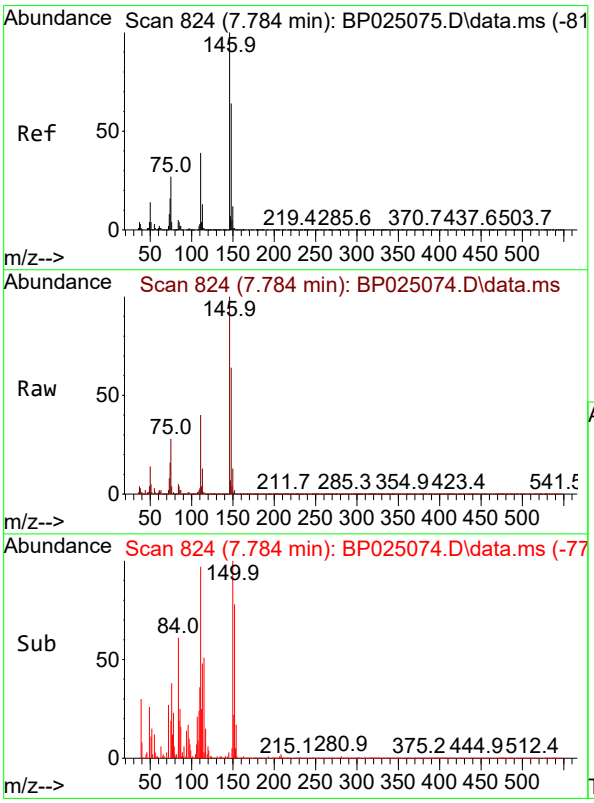
#13
1,4-Dichlorobenzene
Concen: 21.030 ng
RT: 7.484 min Scan# 7
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

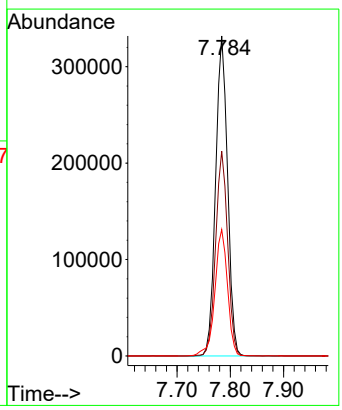


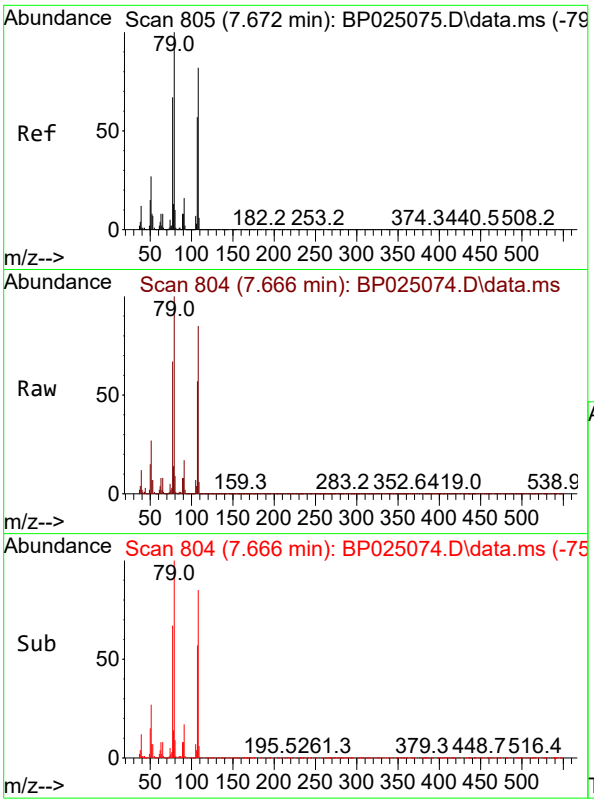


#14
1,2-Dichlorobenzene
Concen: 20.995 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



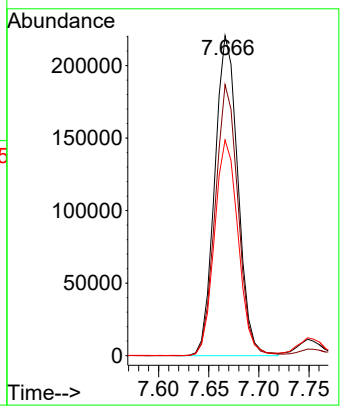


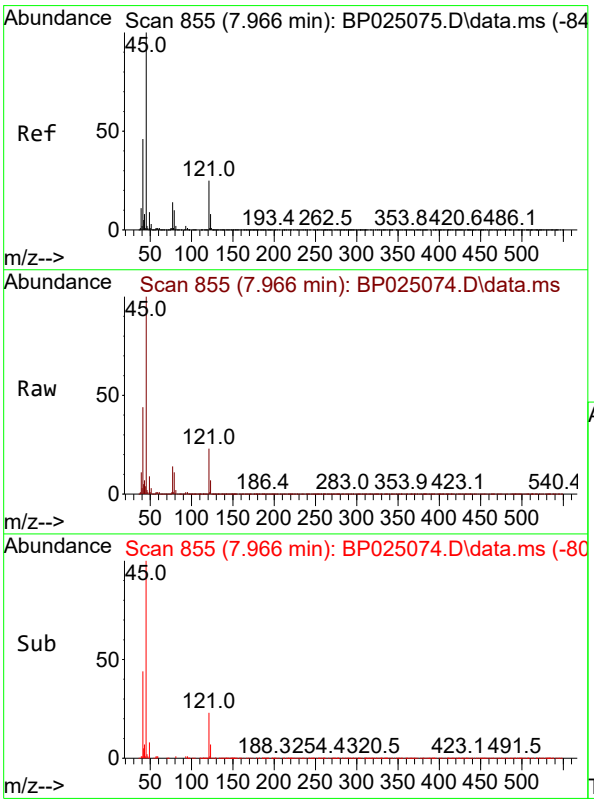
#15
Benzyl Alcohol
Concen: 20.160 ng
RT: 7.666 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

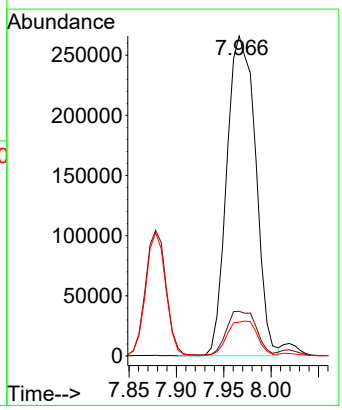


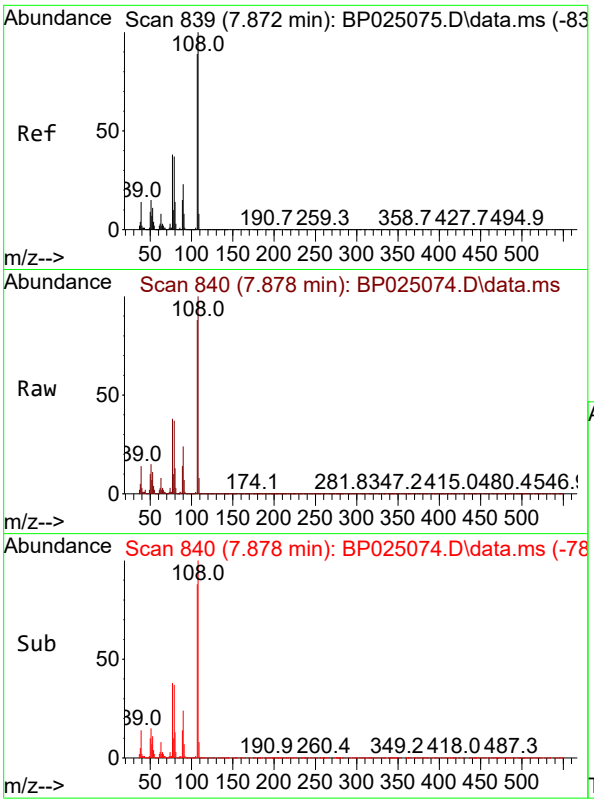


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.963 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



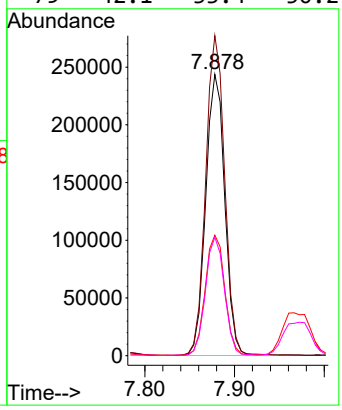


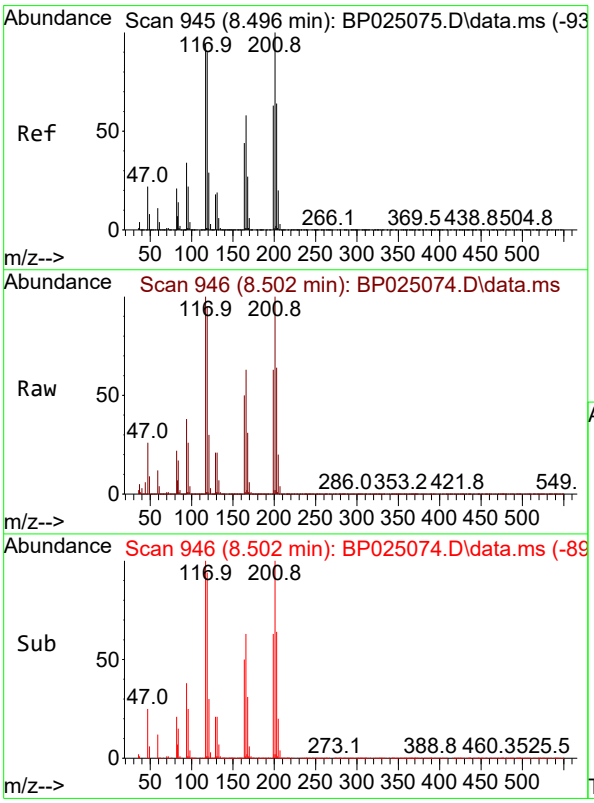
#17
2-Methylphenol
Concen: 20.883 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

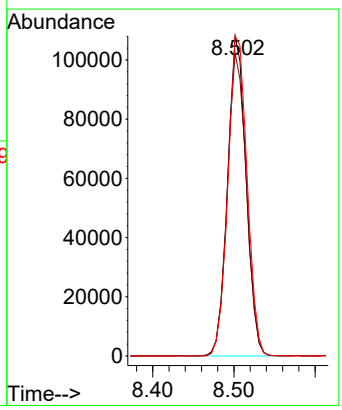


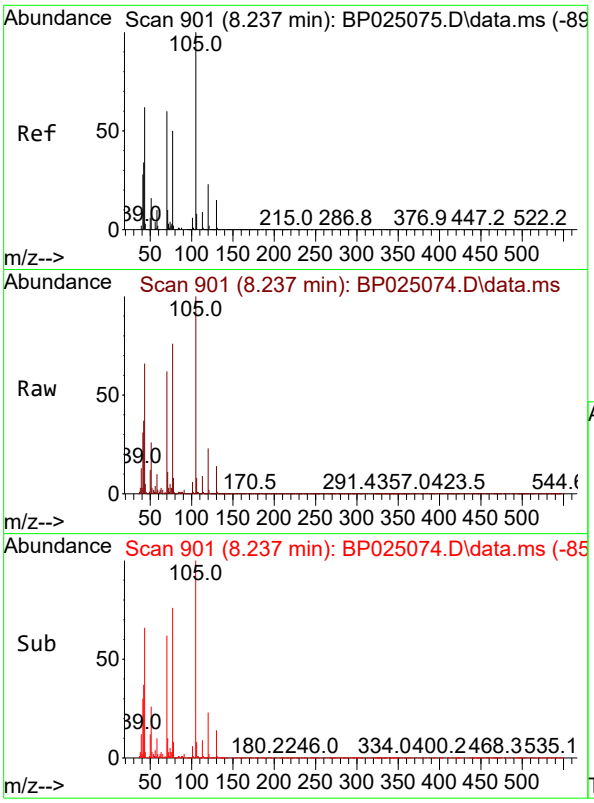


#18
Hexachloroethane
Concen: 20.594 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



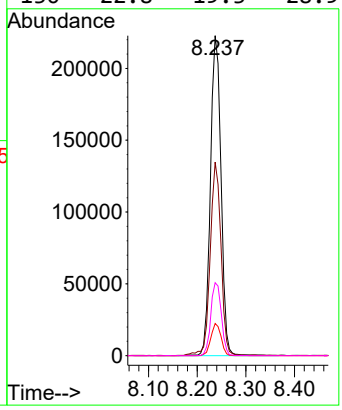


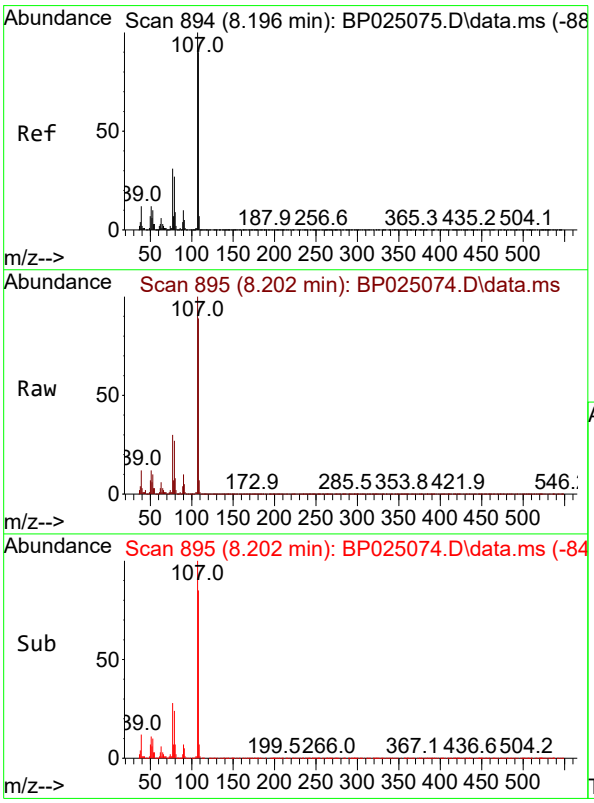
#19
n-Nitroso-di-n-propylamine
Concen: 21.473 ng
RT: 8.237 min Scan# 9(
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

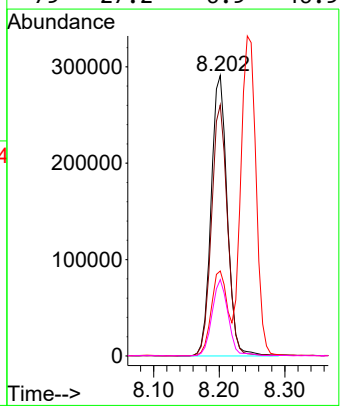


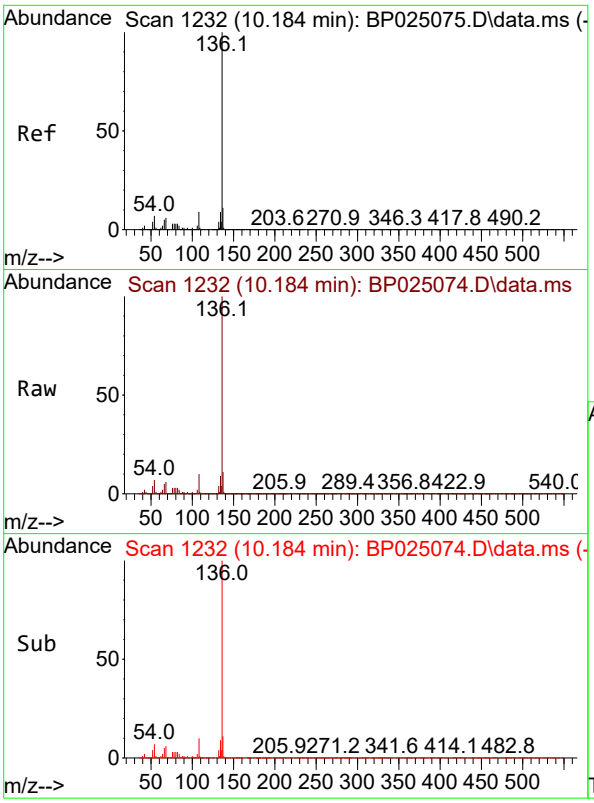


#20
3+4-Methylphenols
Concen: 20.484 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



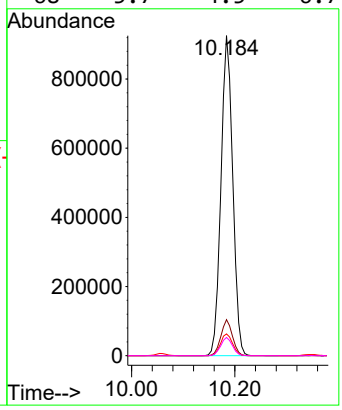


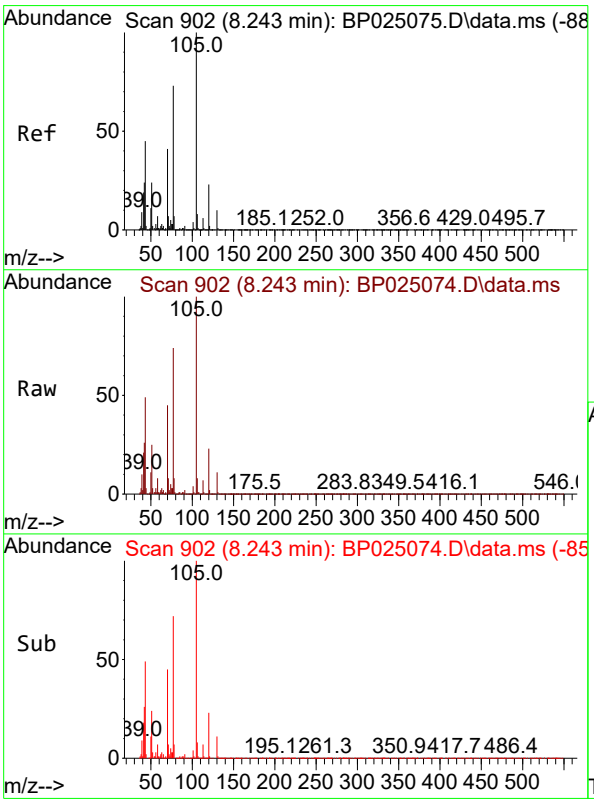
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

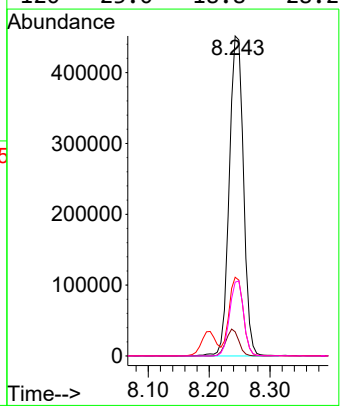


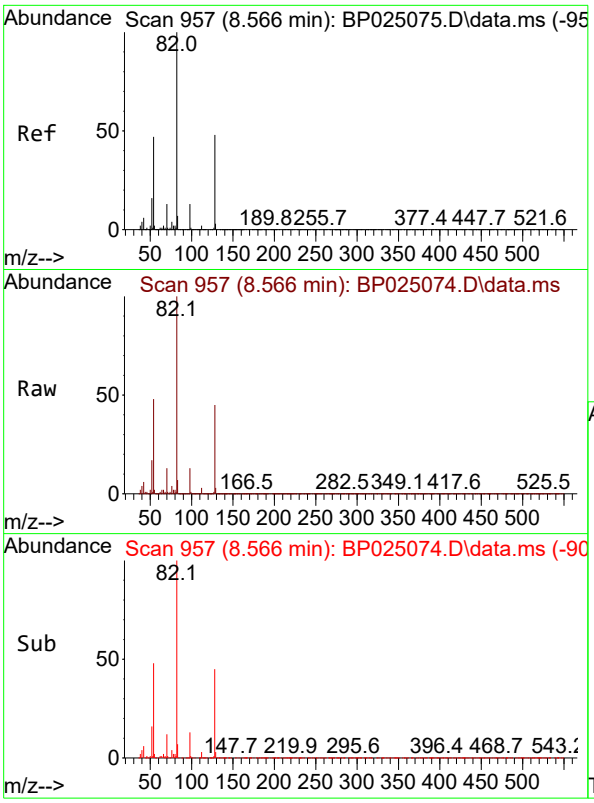


#22
Acetophenone
Concen: 21.234 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



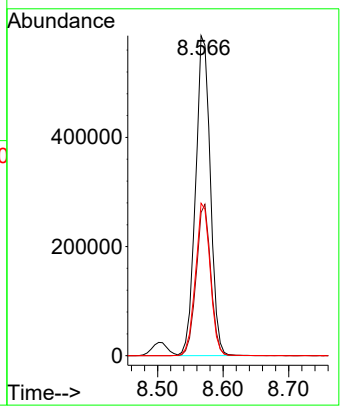


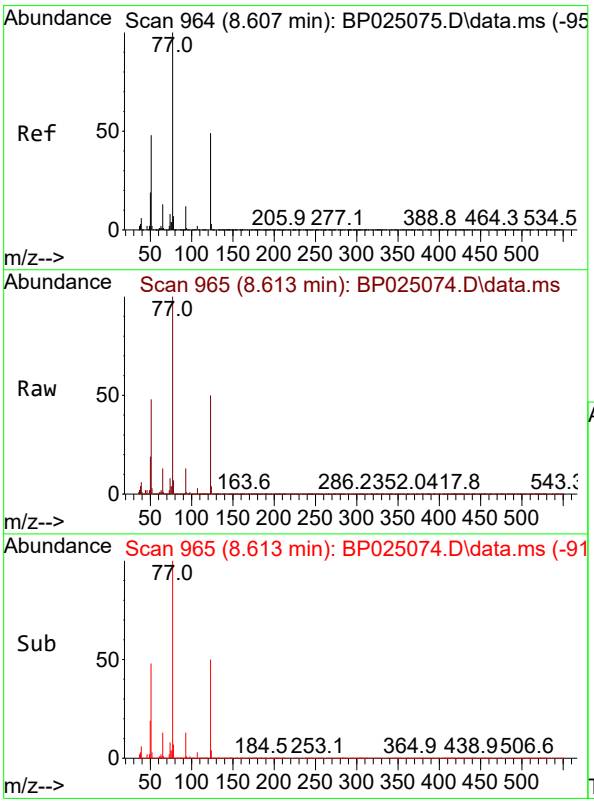
#23
Nitrobenzene-d5
Concen: 41.814 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

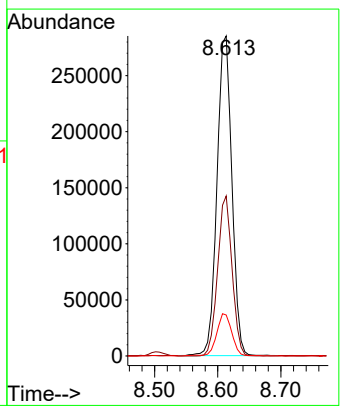


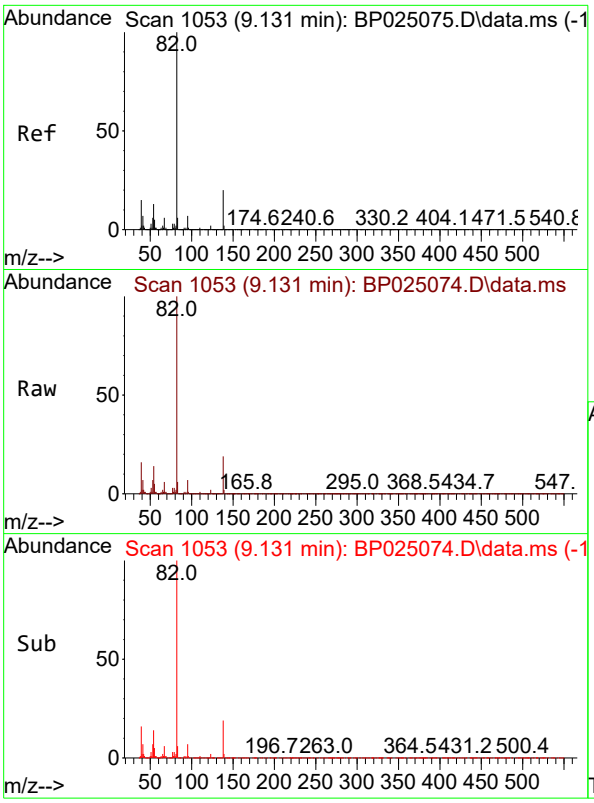


#24
Nitrobenzene
Concen: 20.834 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



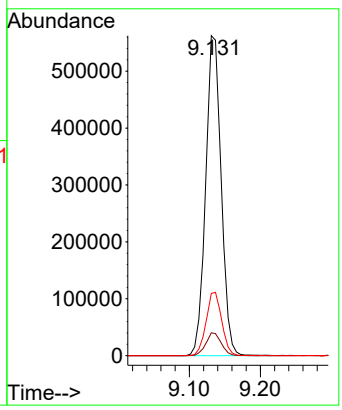


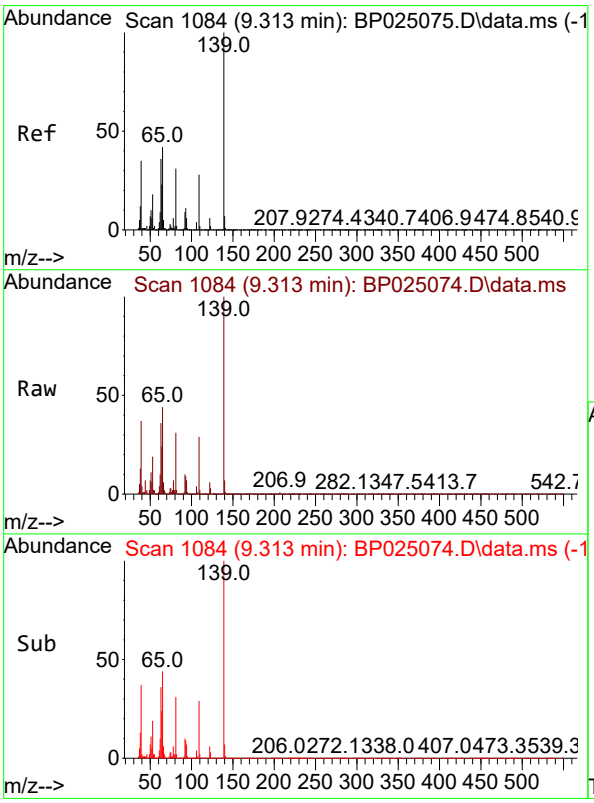
#25
Isophorone
Concen: 20.891 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

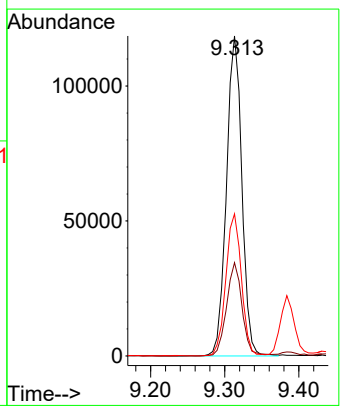


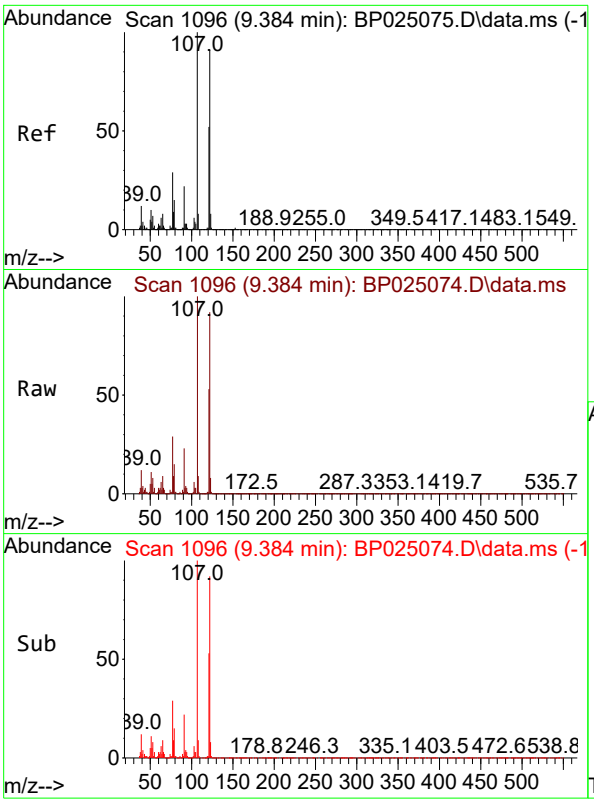


#26
2-Nitrophenol
Concen: 17.980 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



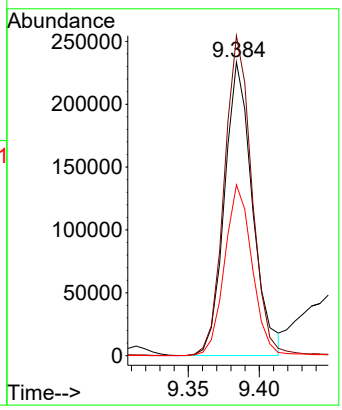


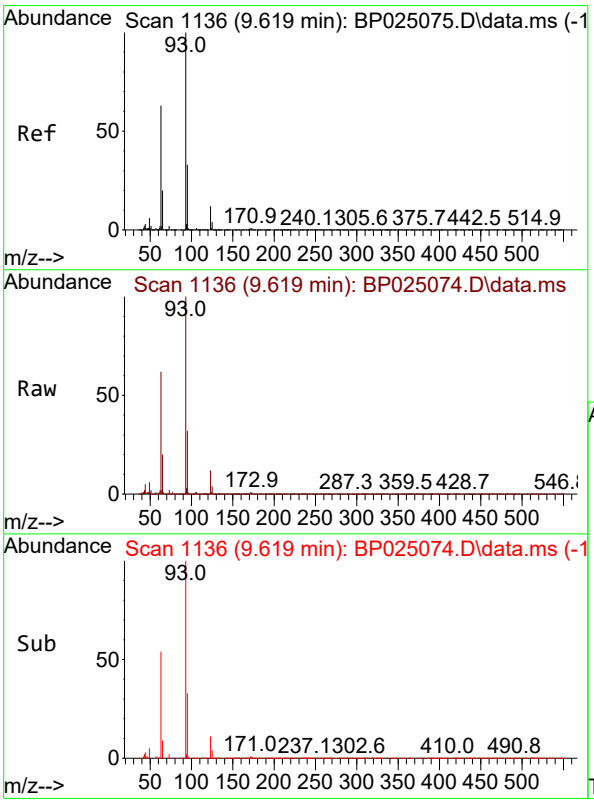
#27
2,4-Dimethylphenol
Concen: 20.834 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

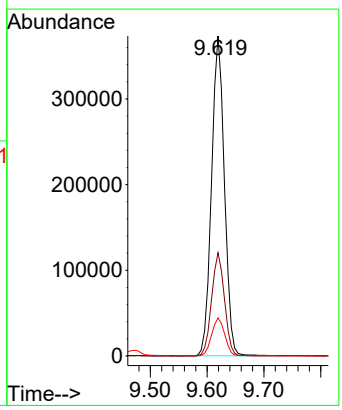


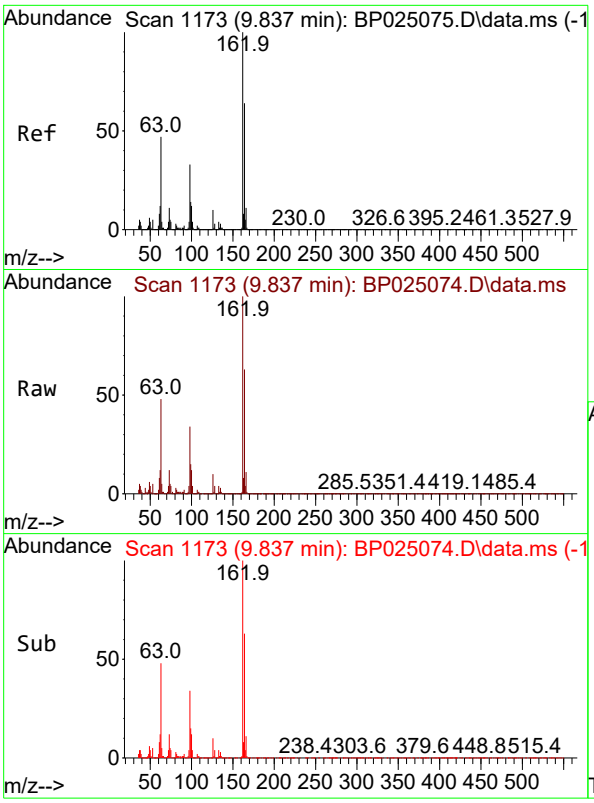


#28
bis(2-Chloroethoxy)methane
Concen: 21.009 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



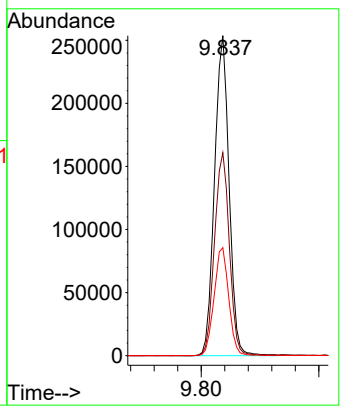


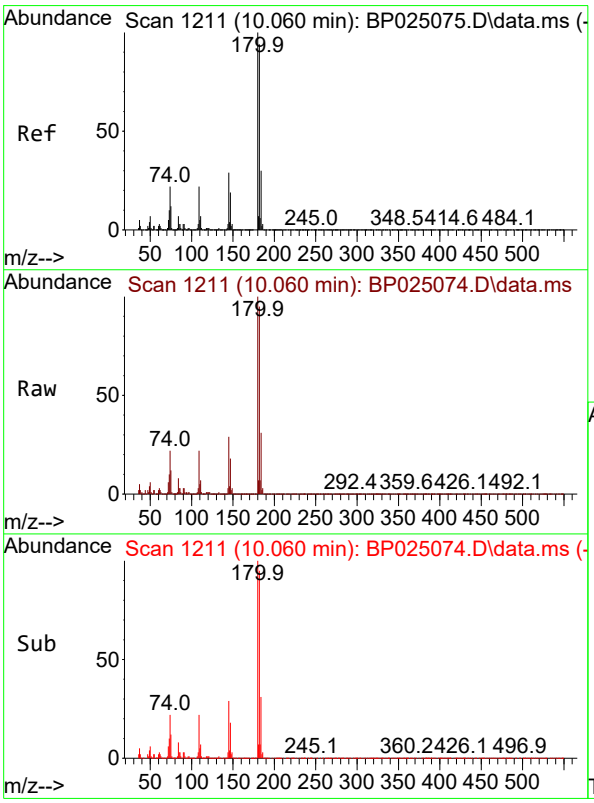
#29
2,4-Dichlorophenol
Concen: 20.519 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

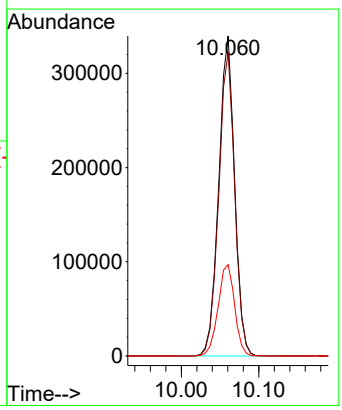


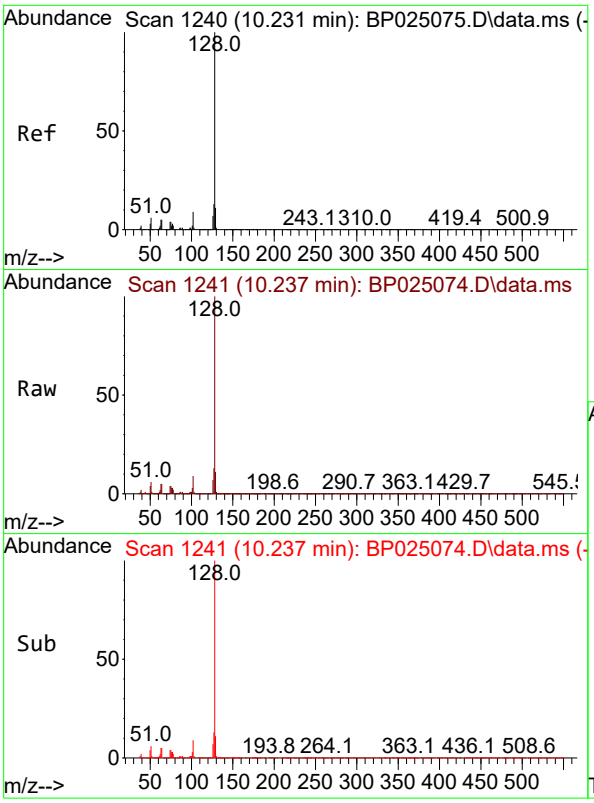


#30
1,2,4-Trichlorobenzene
Concen: 20.592 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



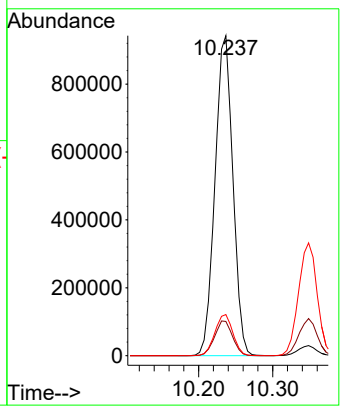


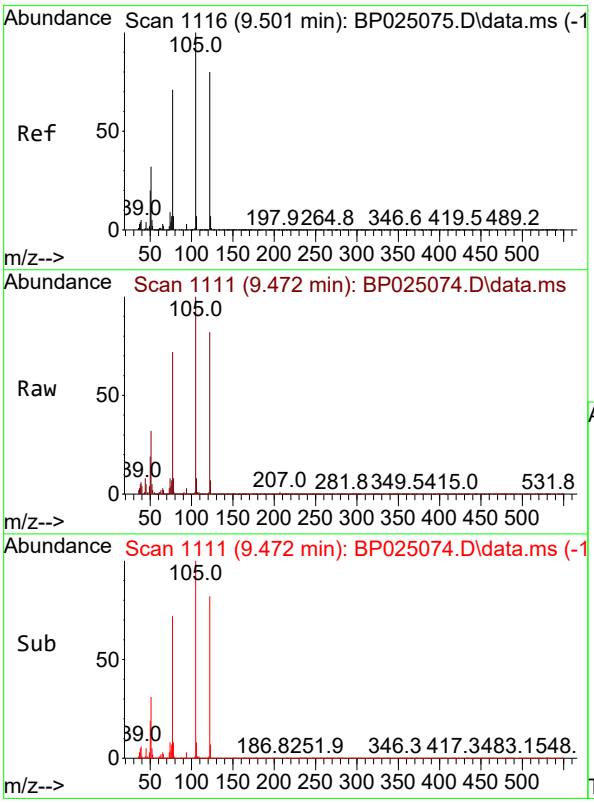
#31
Naphthalene
Concen: 20.993 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

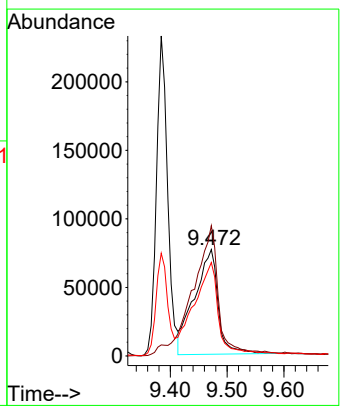


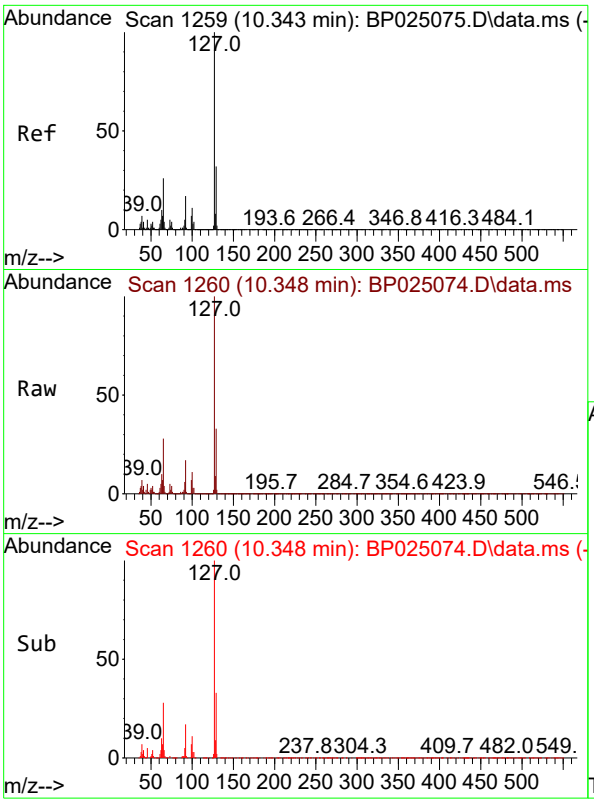


#32
Benzoic acid
Concen: 18.881 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



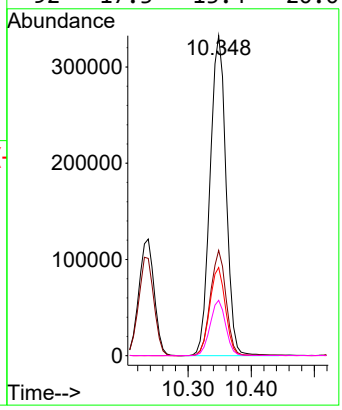


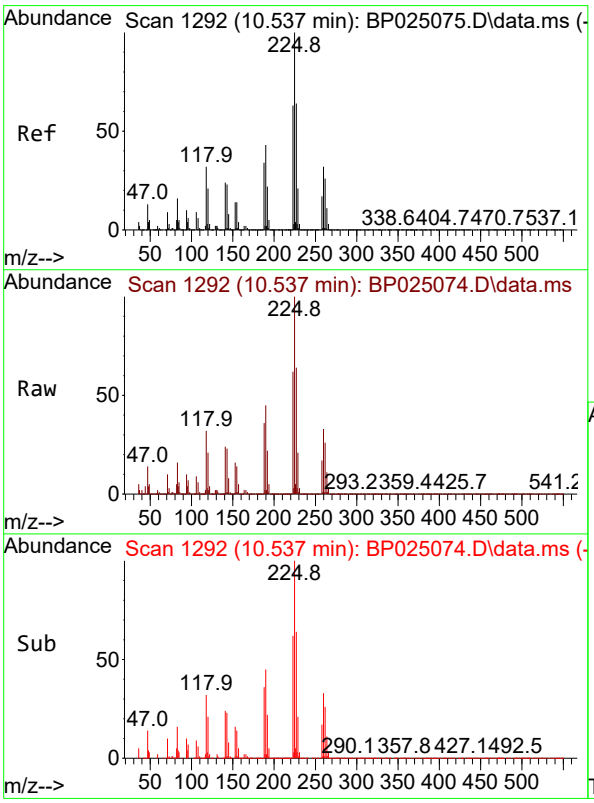
#33
4-Chloroaniline
Concen: 20.779 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

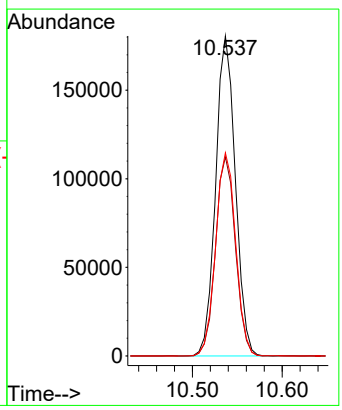


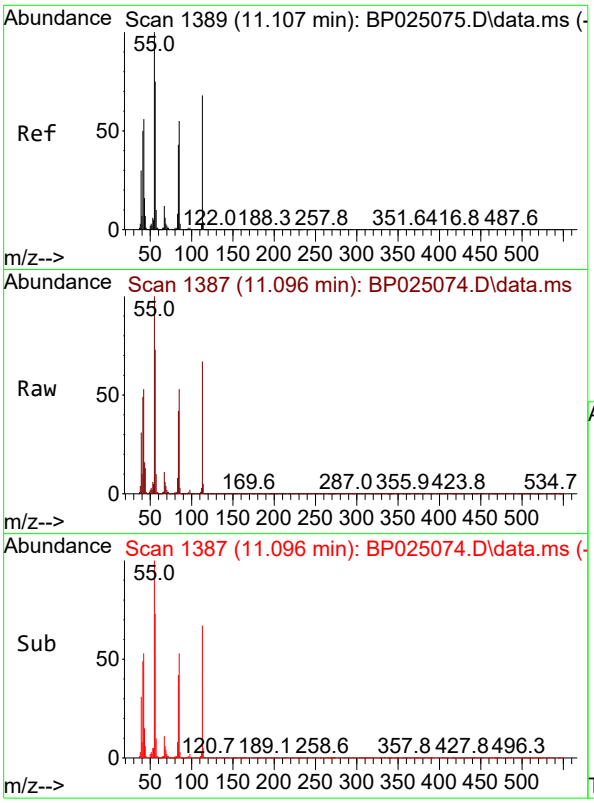


#34
Hexachlorobutadiene
Concen: 20.394 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



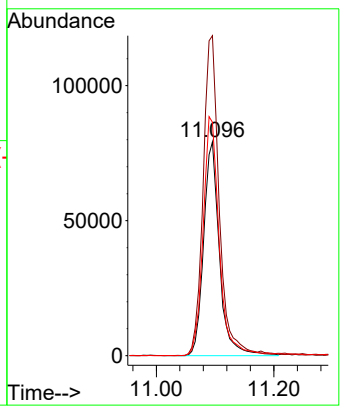


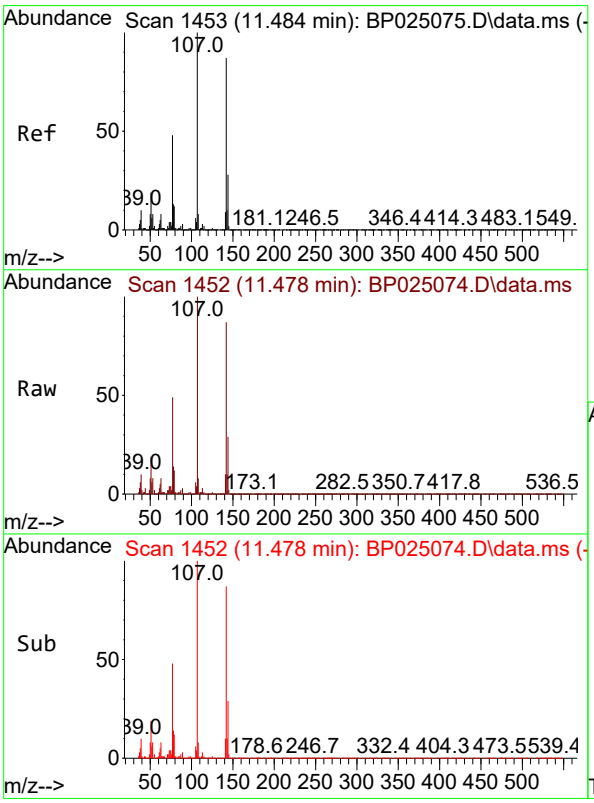
#35
Caprolactam
Concen: 20.394 ng
RT: 11.096 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

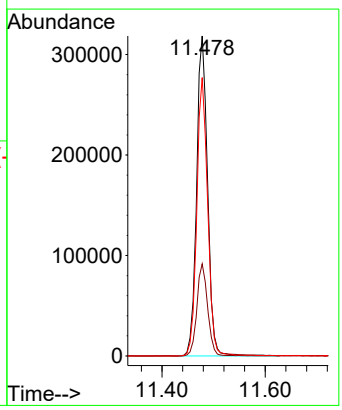


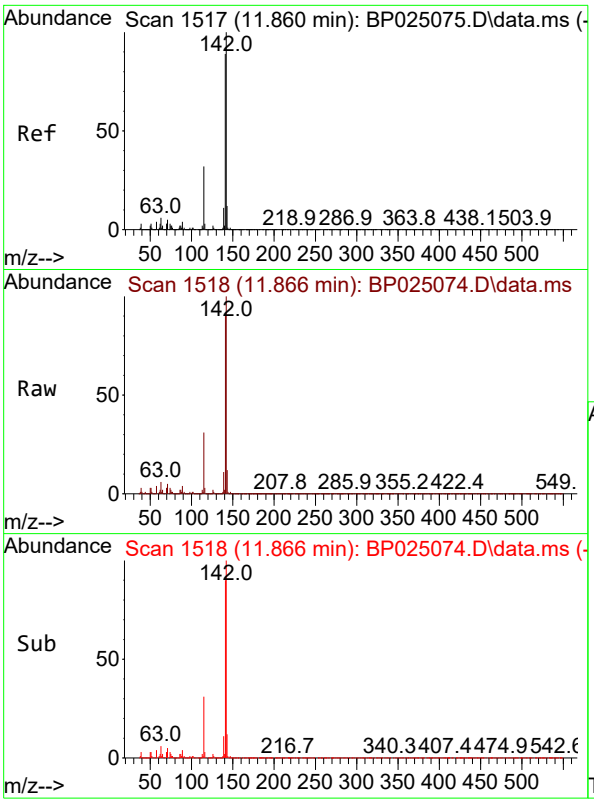


#36
4-Chloro-3-methylphenol
Concen: 21.146 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



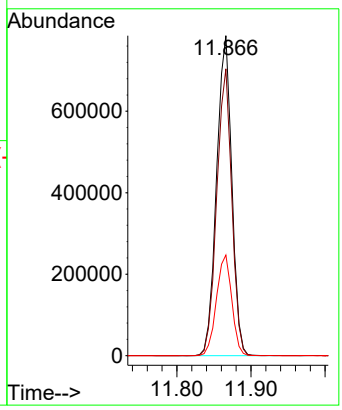


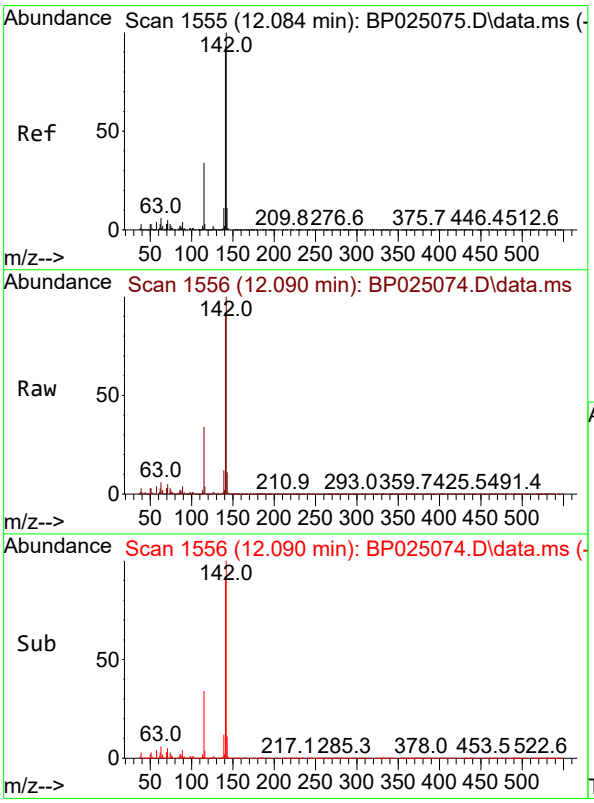
#37
2-Methylnaphthalene
Concen: 21.075 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

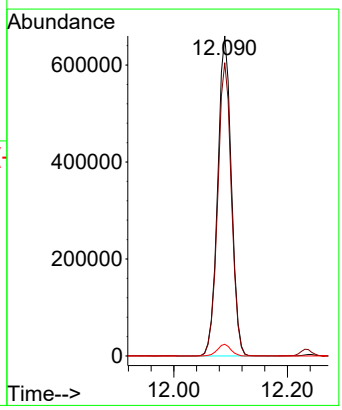


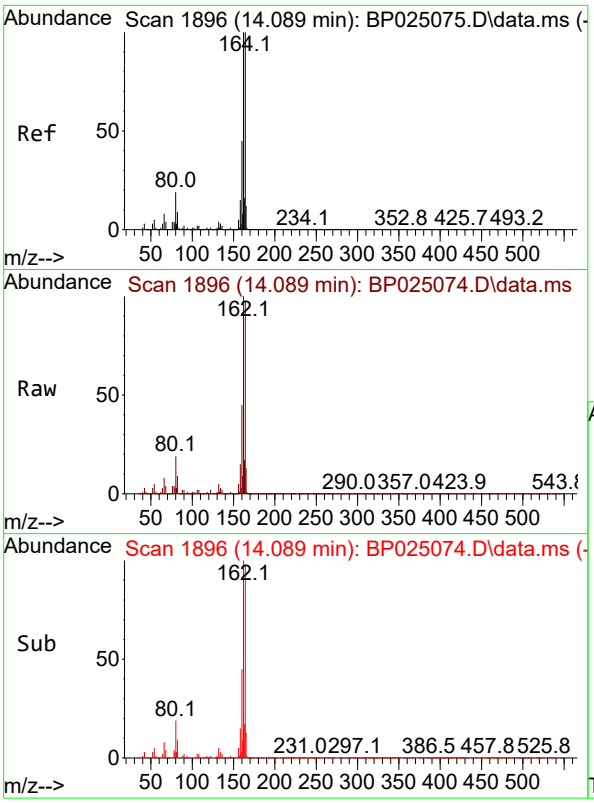


#38
1-Methylnaphthalene
Concen: 21.243 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



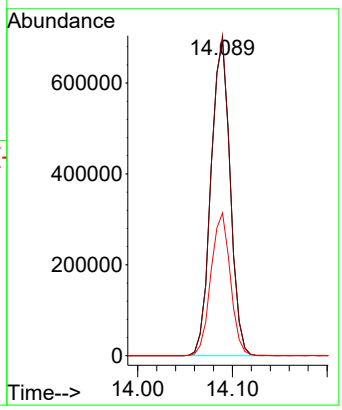


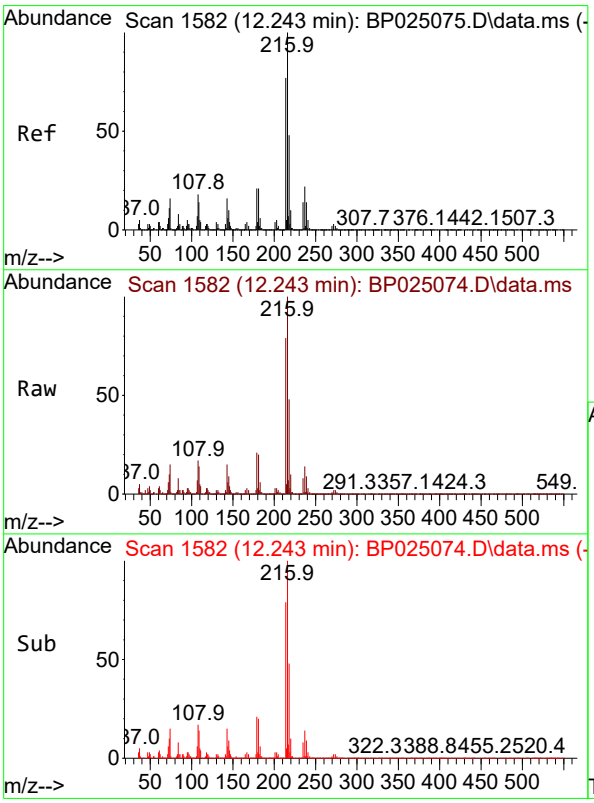
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

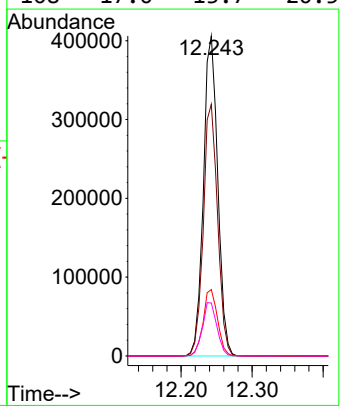


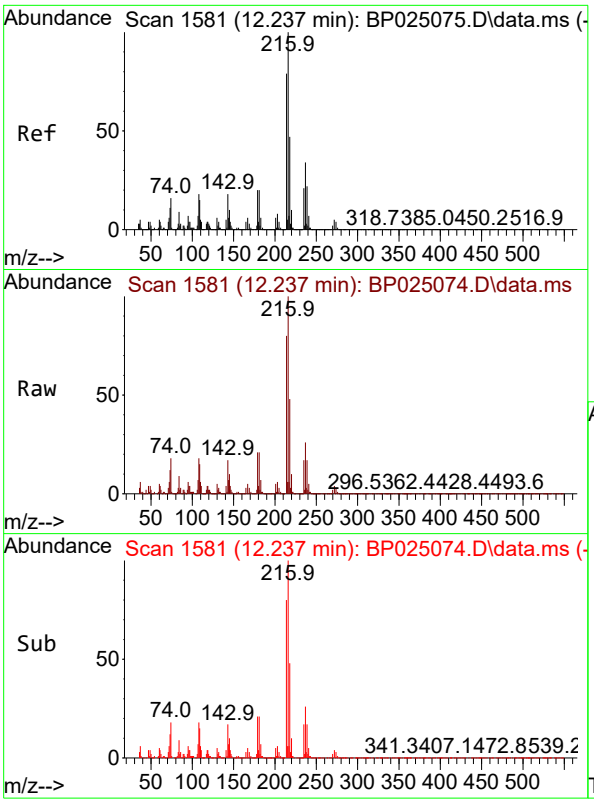


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.326 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



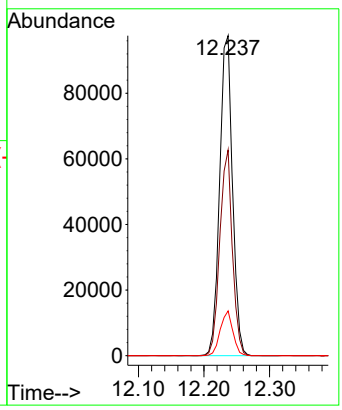


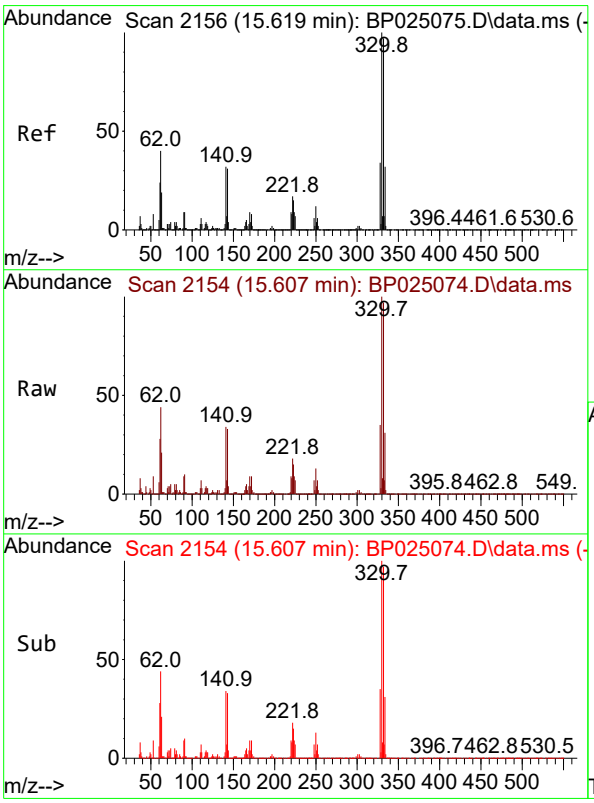
#41
Hexachlorocyclopentadiene
Concen: 17.986 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

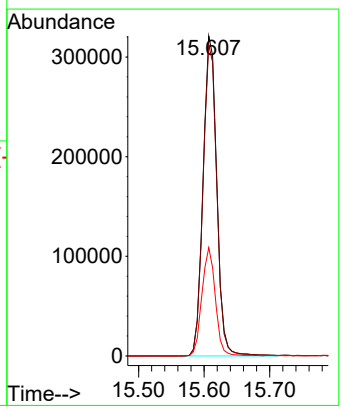


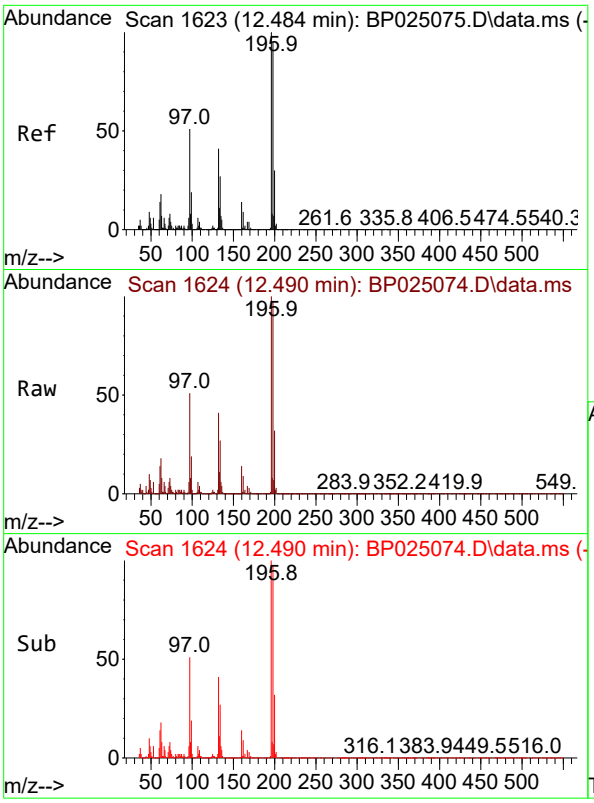


#42
2,4,6-Tribromophenol
Concen: 40.634 ng
RT: 15.607 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



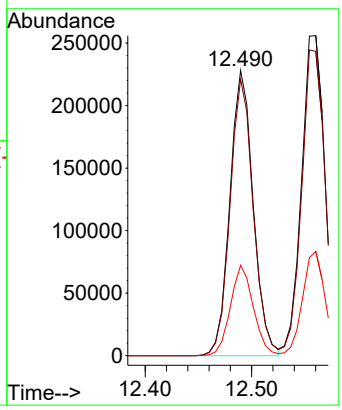


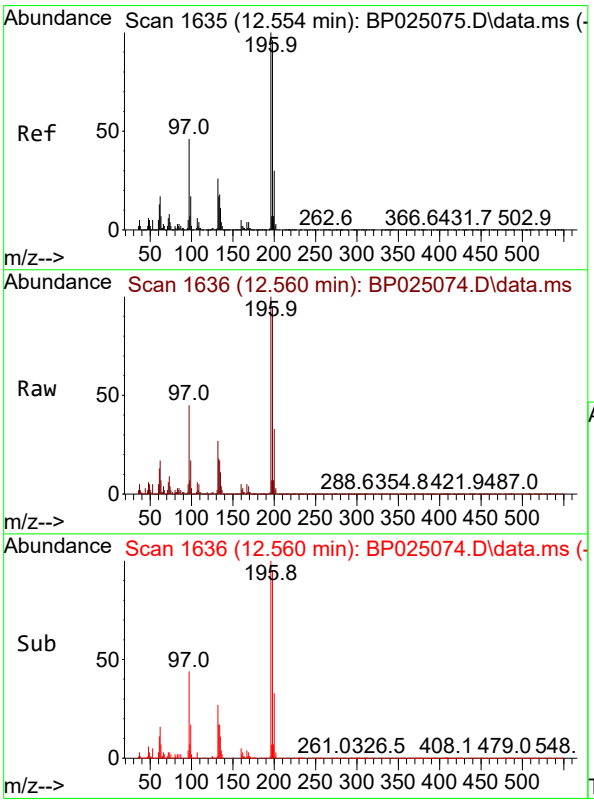
#43
2,4,6-Trichlorophenol
Concen: 20.418 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

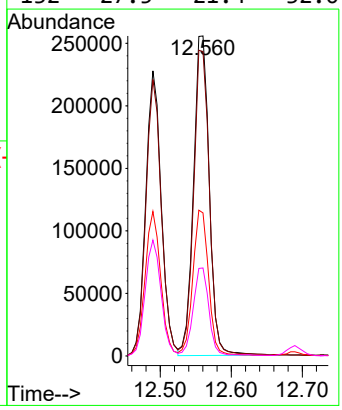


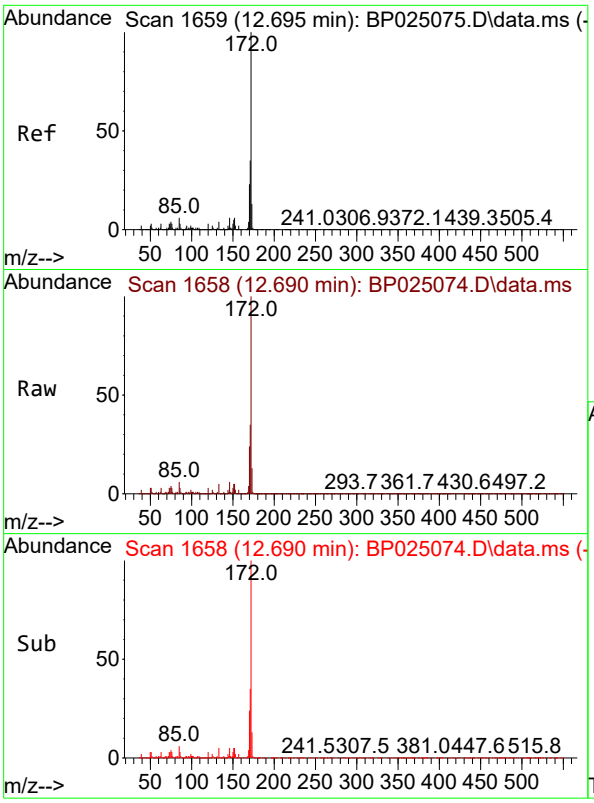


#44
2,4,5-Trichlorophenol
Concen: 20.566 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



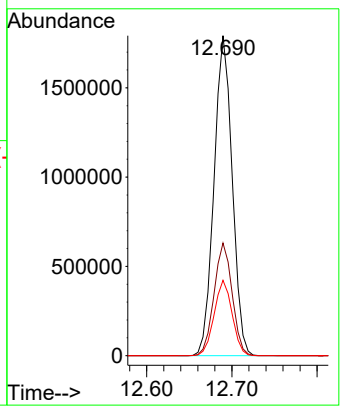


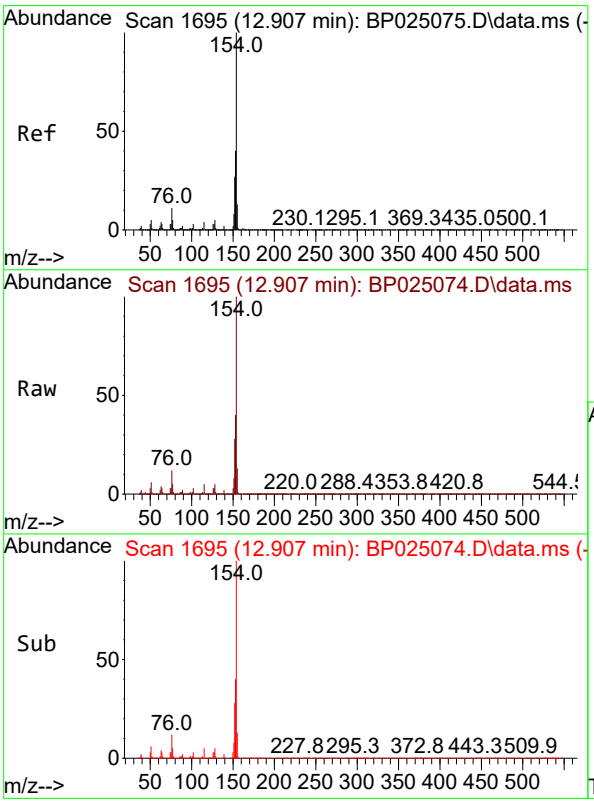
#45
2-Fluorobiphenyl
Concen: 42.179 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

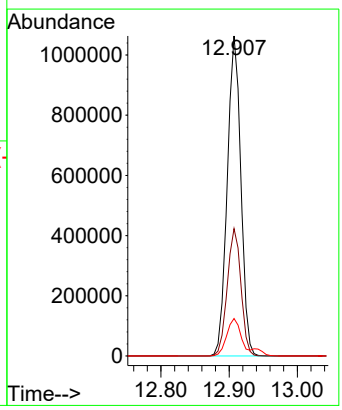


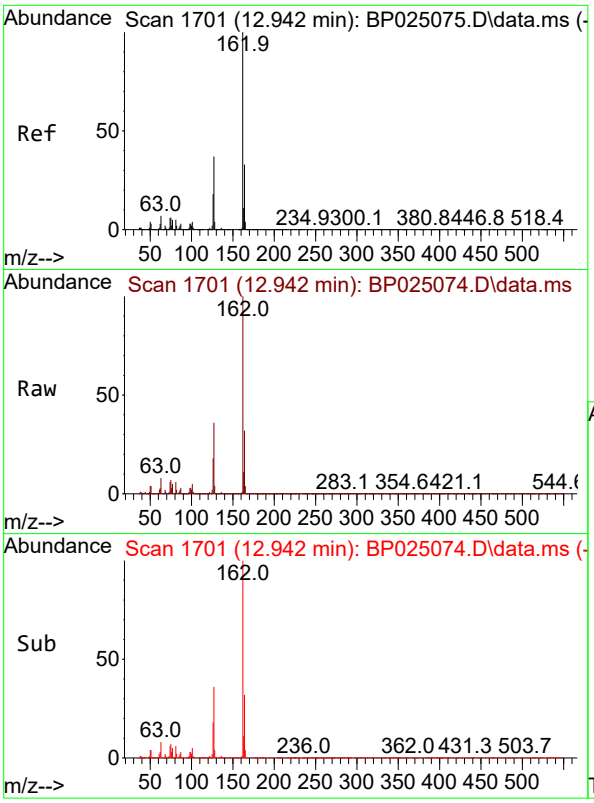


#46
1,1'-Biphenyl
Concen: 20.751 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



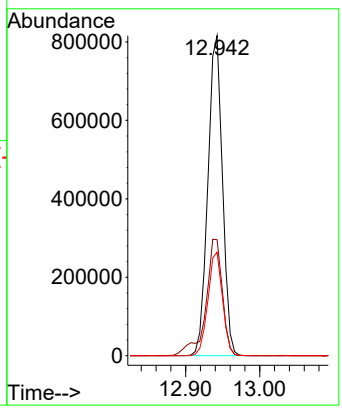


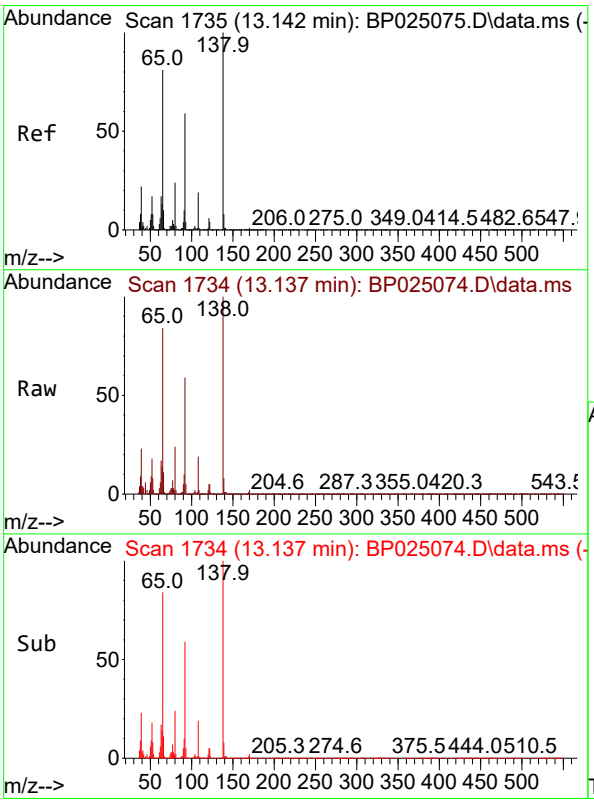
#47
2-Chloronaphthalene
Concen: 20.865 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

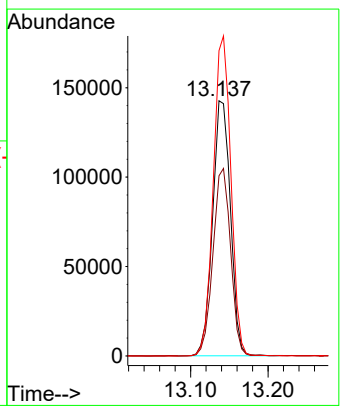


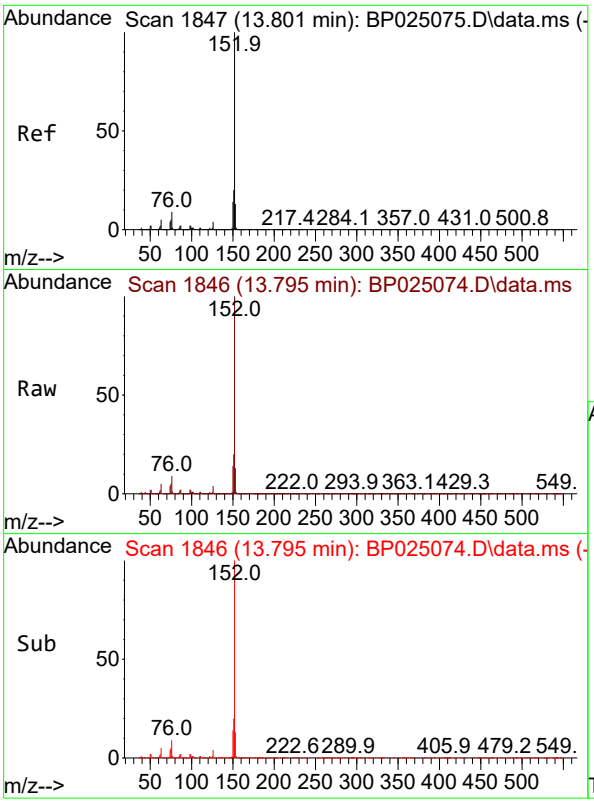


#48
2-Nitroaniline
Concen: 19.268 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



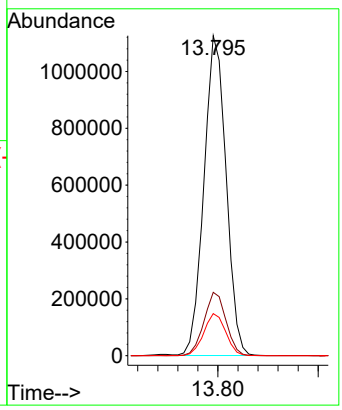


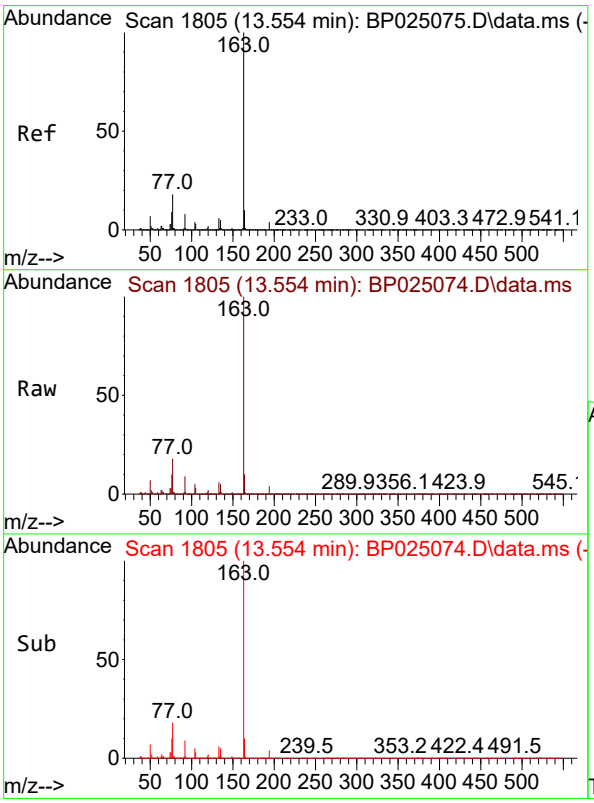
#49
Acenaphthylene
Concen: 21.159 ng
RT: 13.795 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

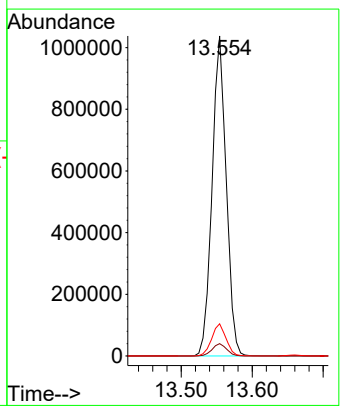


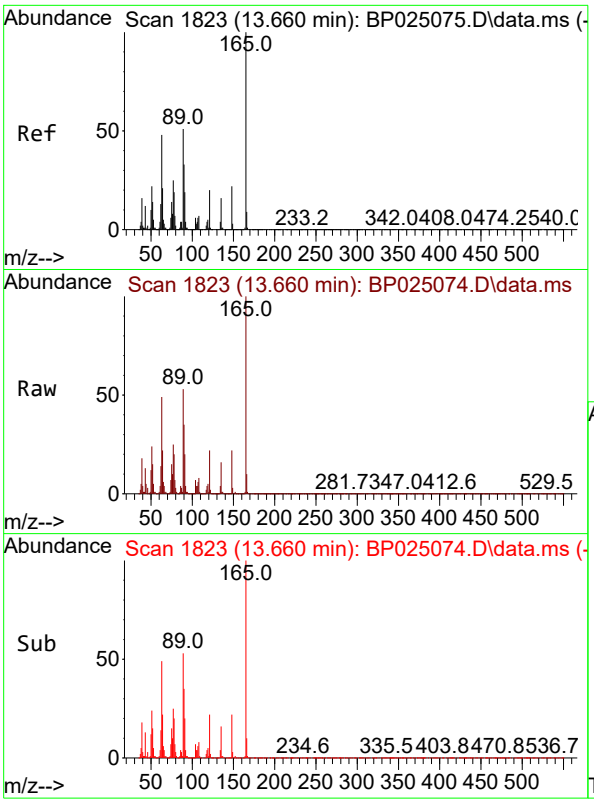


#50
Dimethylphthalate
Concen: 20.991 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



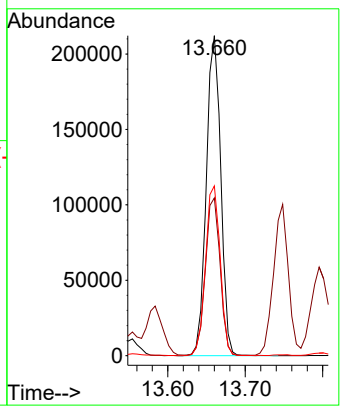


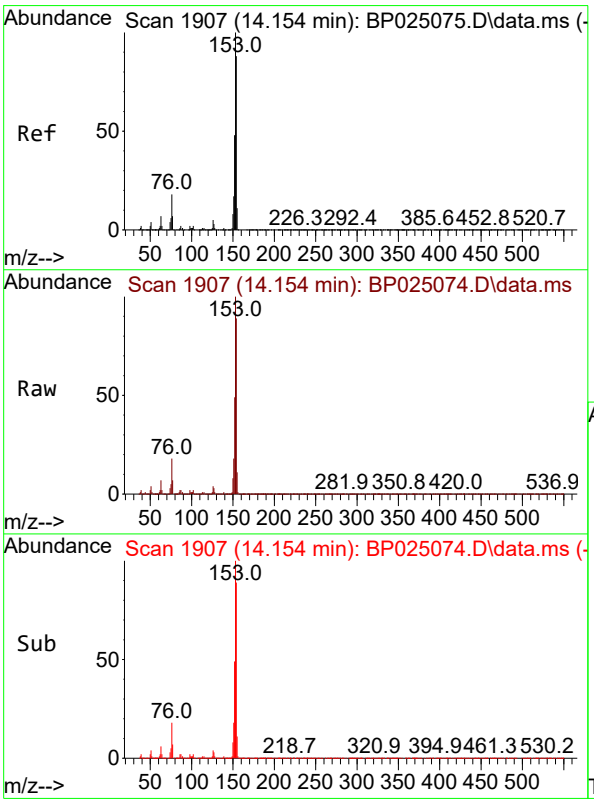
#51
2,6-Dinitrotoluene
Concen: 20.592 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

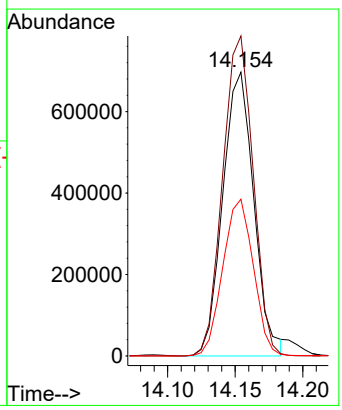


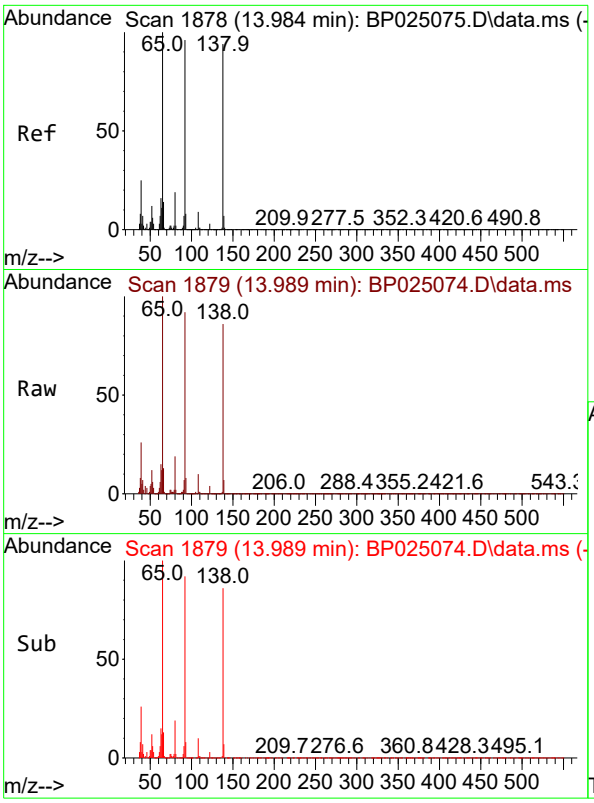


#52
Acenaphthene
Concen: 21.170 ng m
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



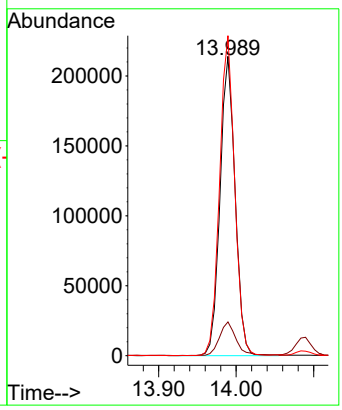


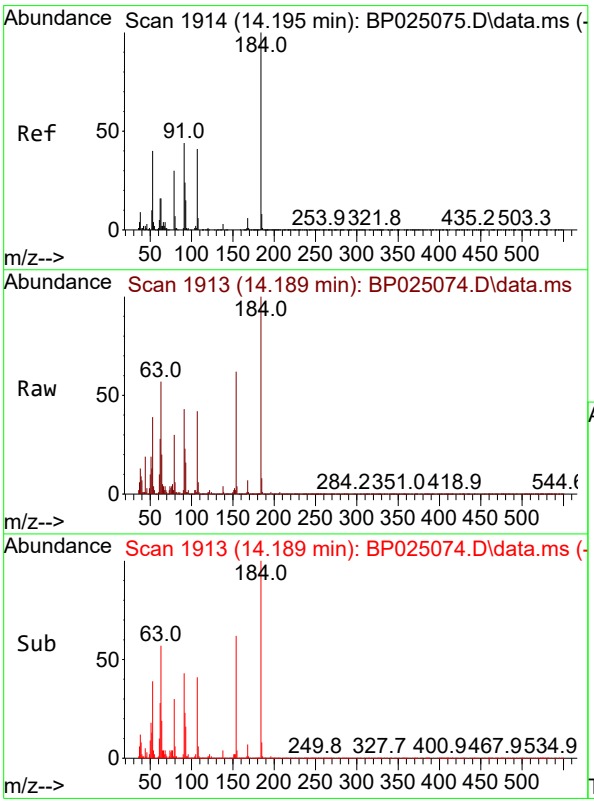
#53
3-Nitroaniline
Concen: 20.320 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

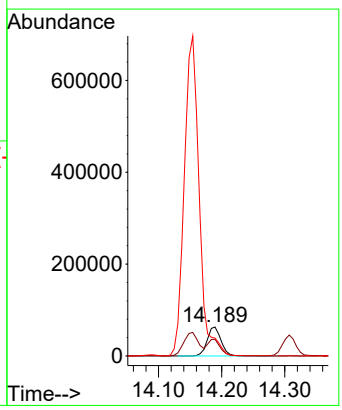


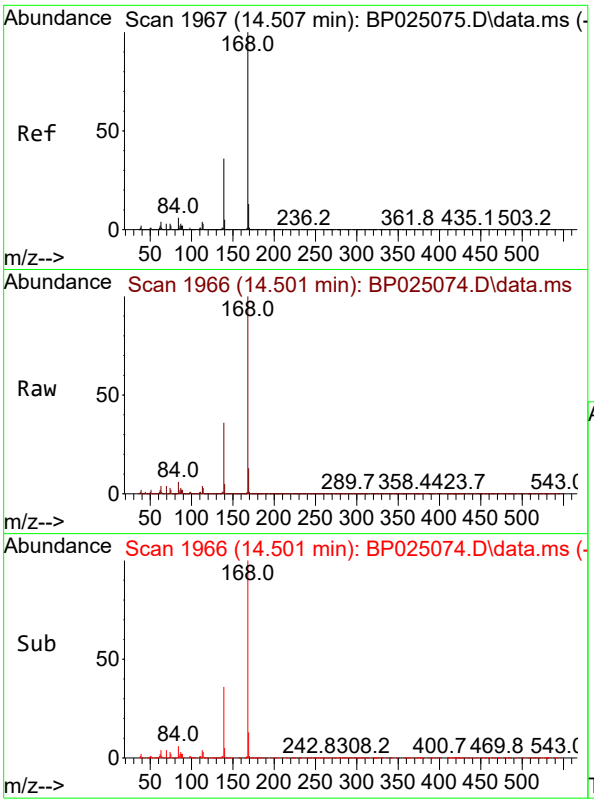


#54
2,4-Dinitrophenol
Concen: 19.115 ng
RT: 14.189 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



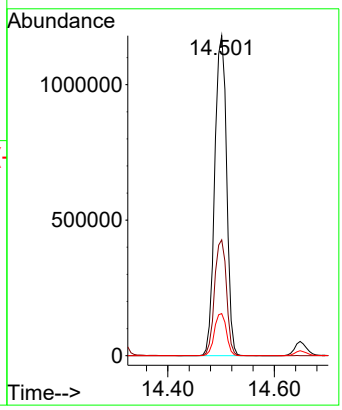


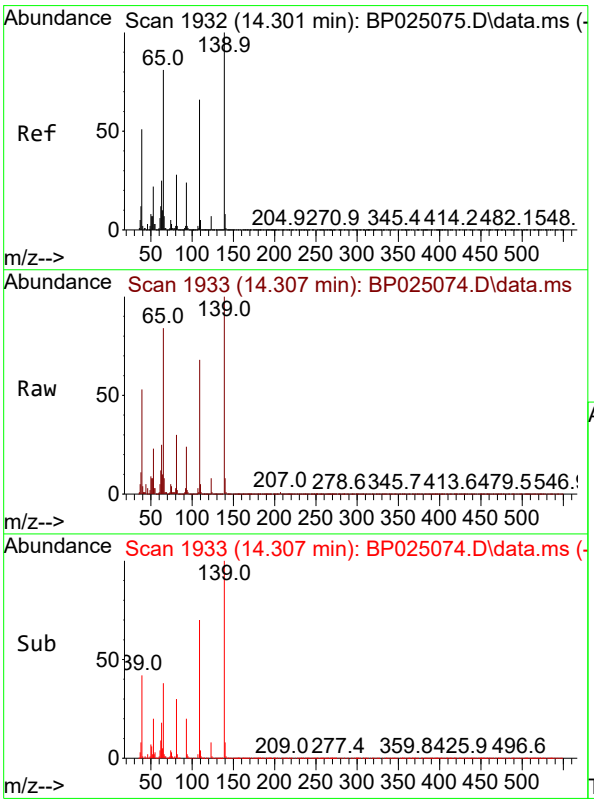
#55
Dibenzofuran
Concen: 20.961 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

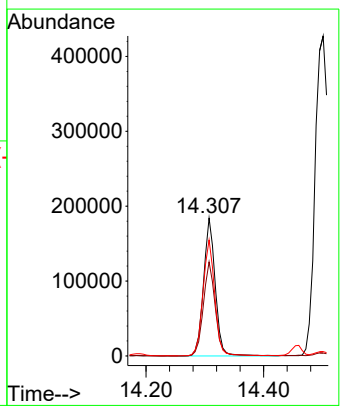


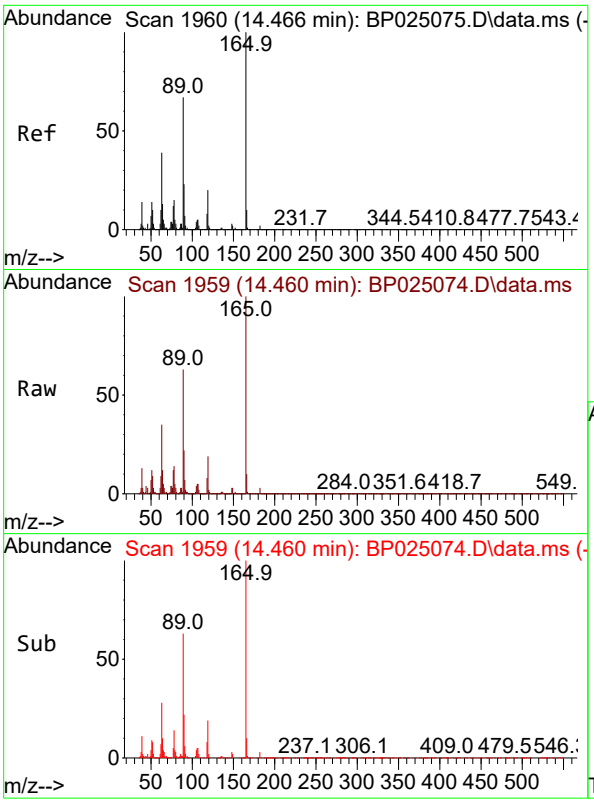


#56
4-Nitrophenol
Concen: 19.230 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



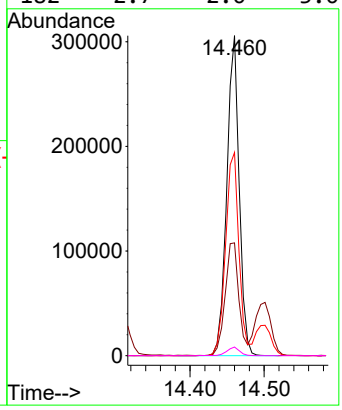


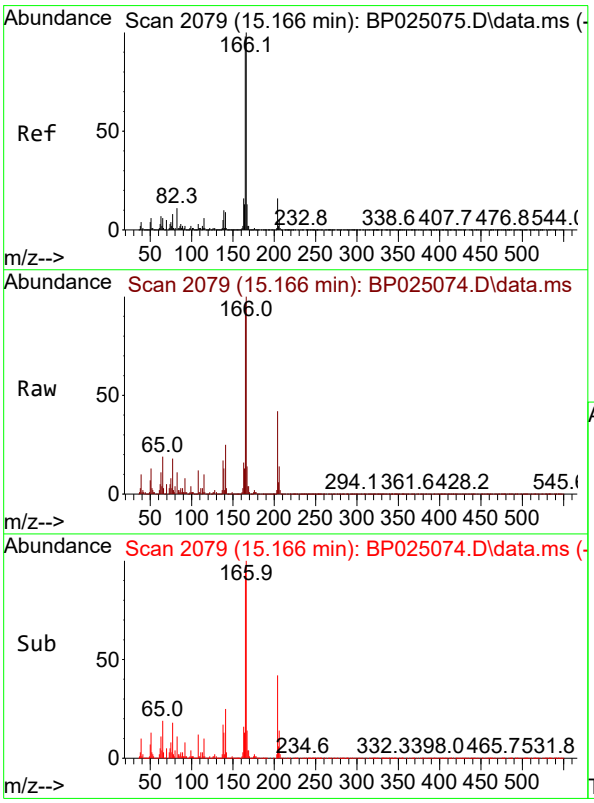
#57
2,4-Dinitrotoluene
Concen: 19.783 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

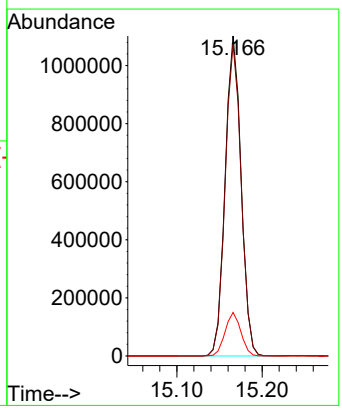


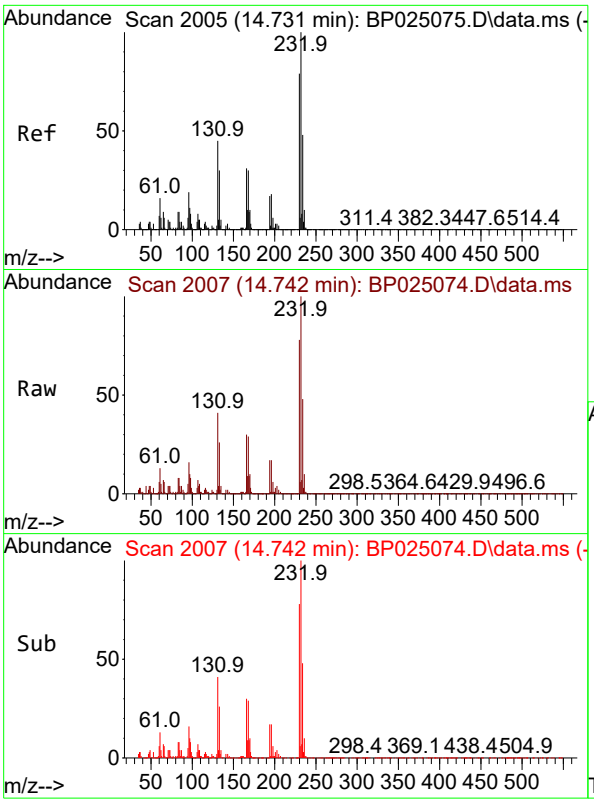


#58
Fluorene
Concen: 21.301 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



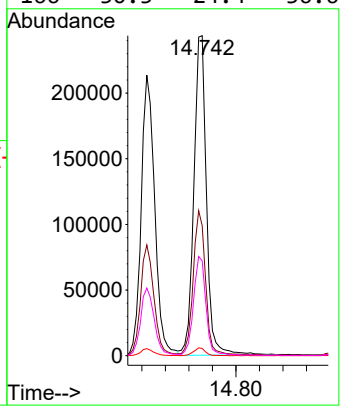


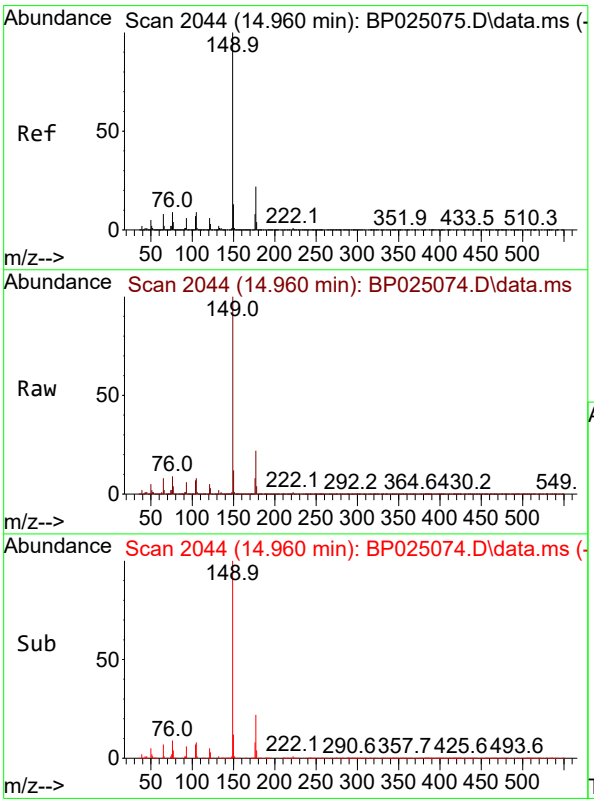
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.726 ng
RT: 14.742 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

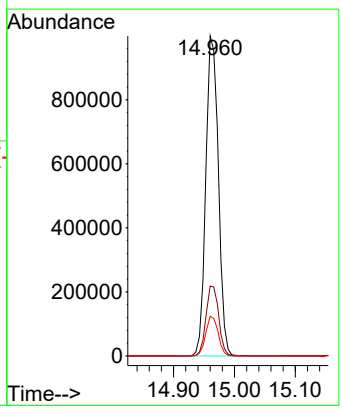


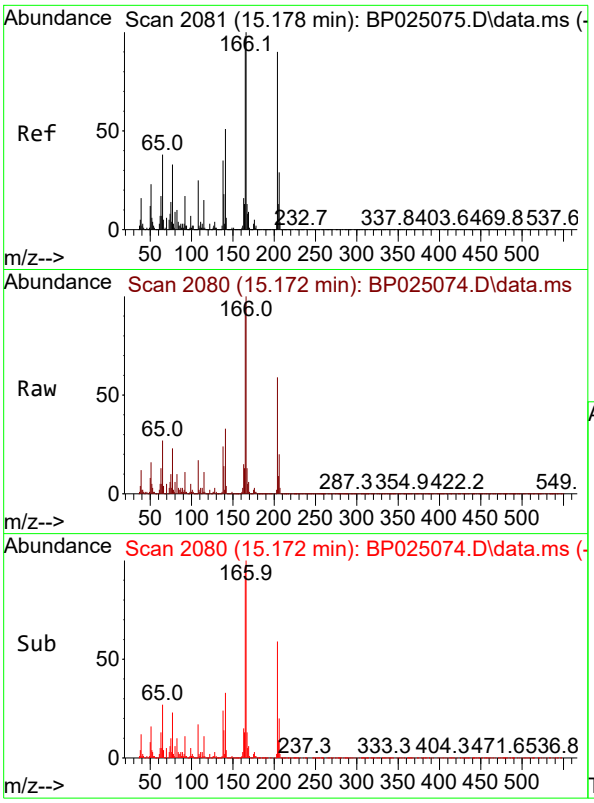


#60
Diethylphthalate
Concen: 20.887 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



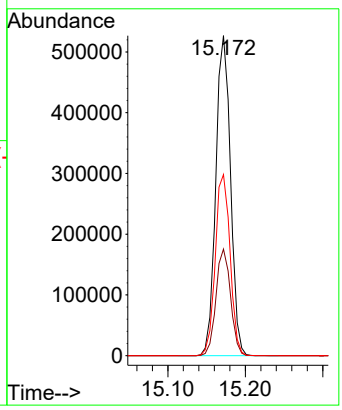


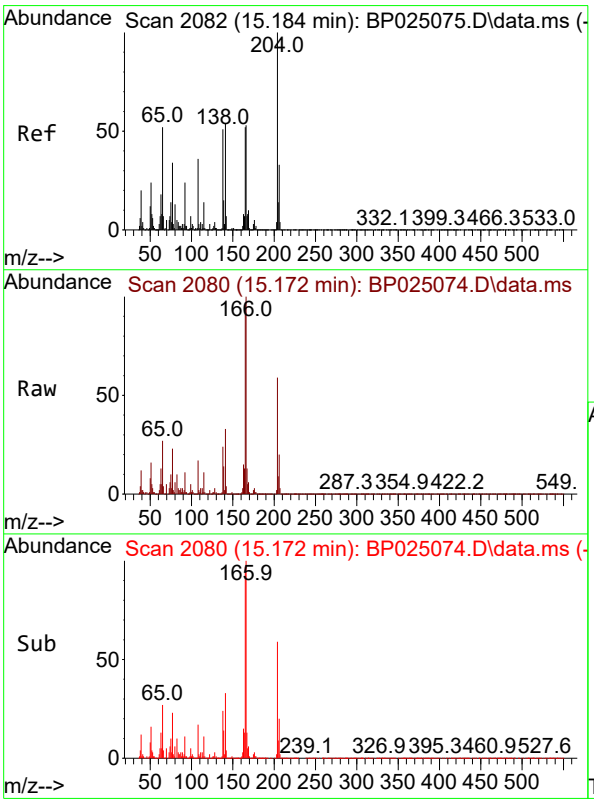
#61
4-Chlorophenyl-phenylether
Concen: 20.828 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

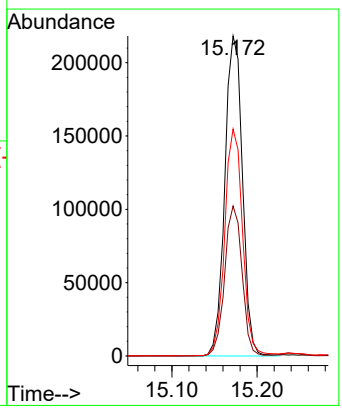


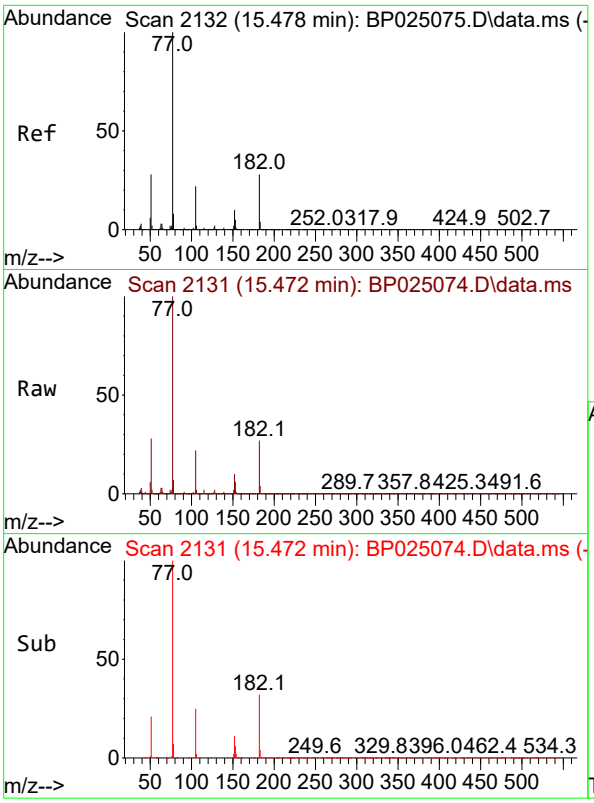


#62
4-Nitroaniline
Concen: 20.933 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



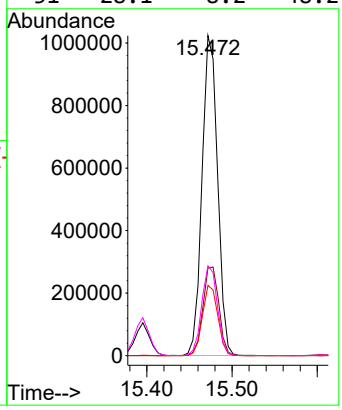


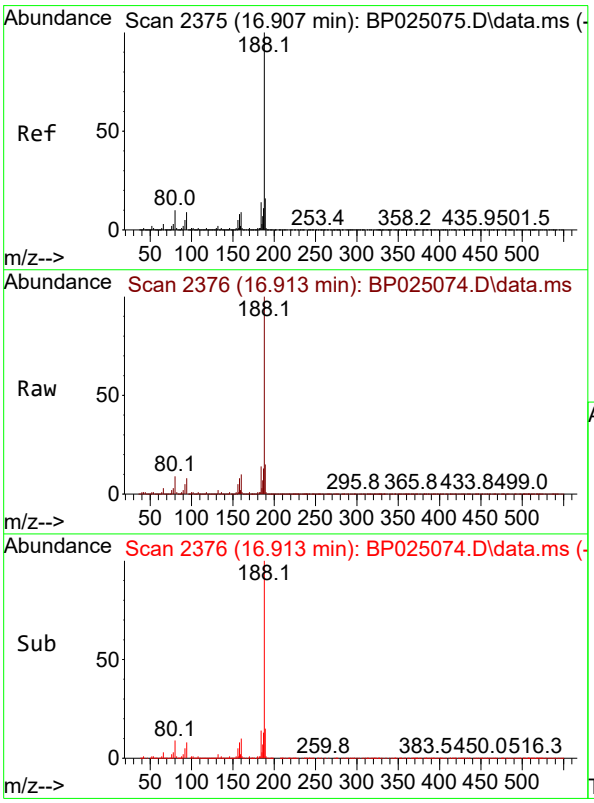
#63
Azobenzene
Concen: 21.209 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

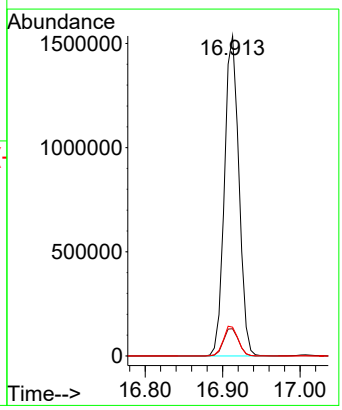


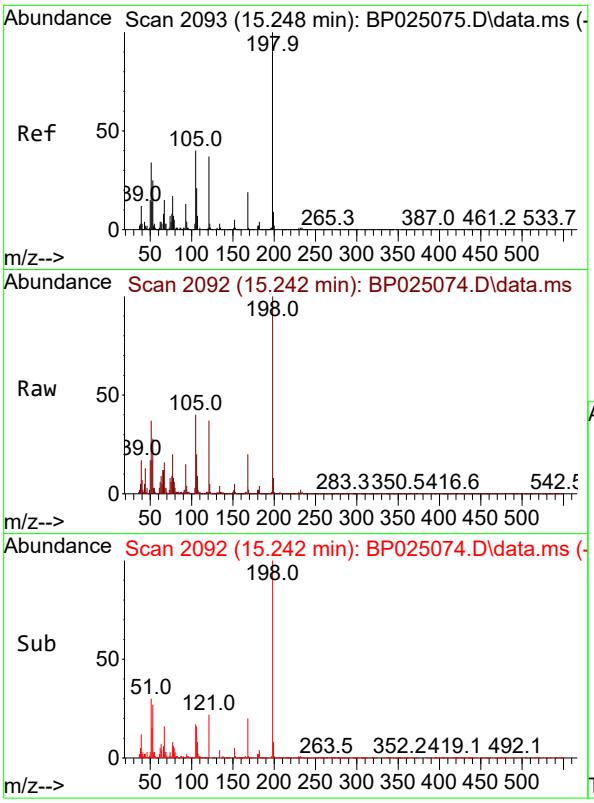


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



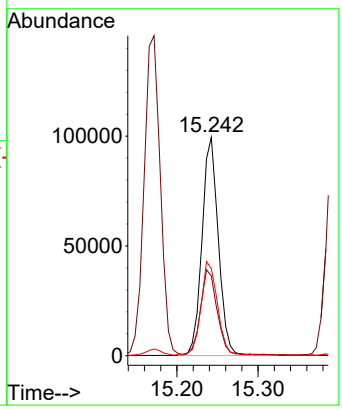


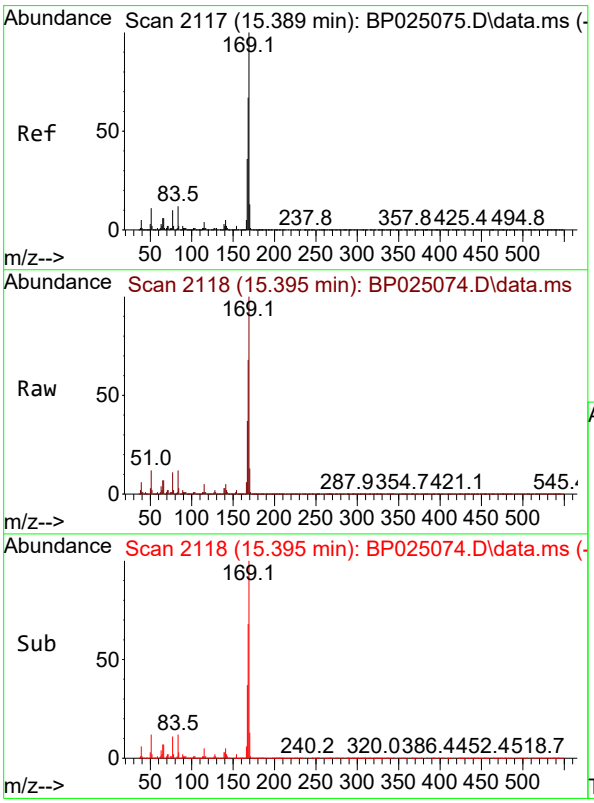
#65
4,6-Dinitro-2-methylphenol
Concen: 19.064 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

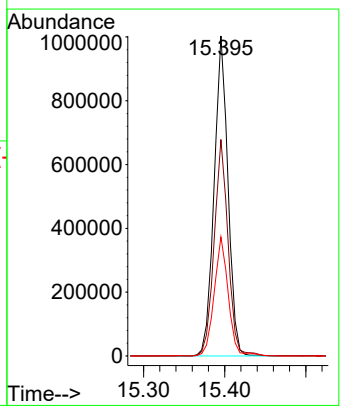


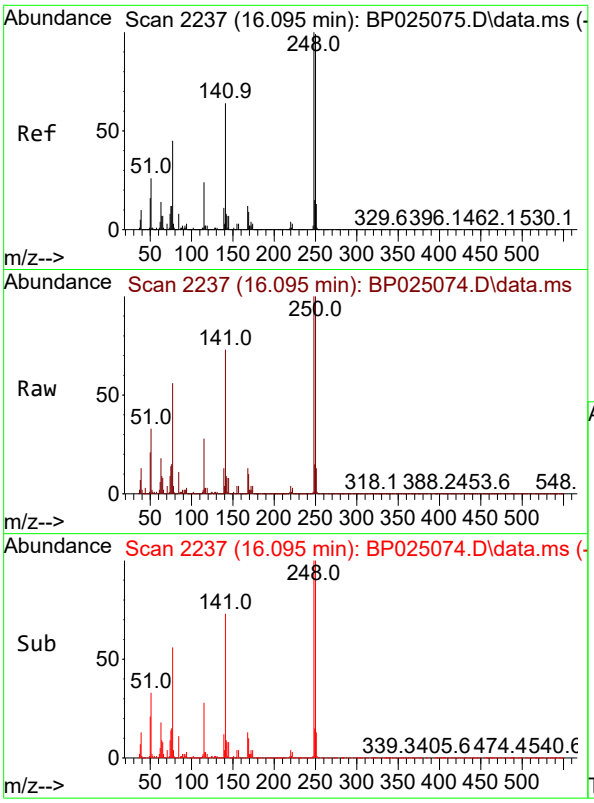


#66
n-Nitrosodiphenylamine
Concen: 20.872 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



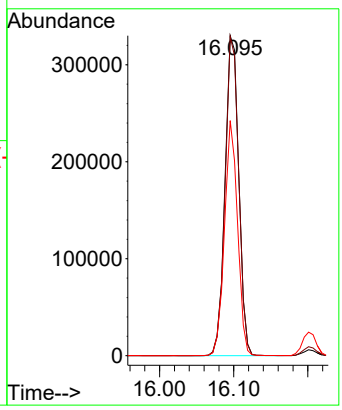


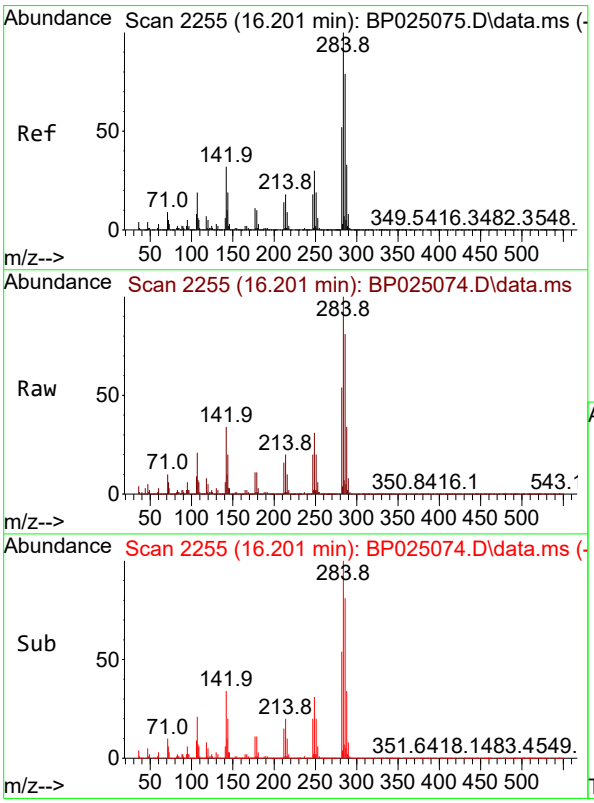
#67
4-Bromophenyl-phenylether
Concen: 20.847 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

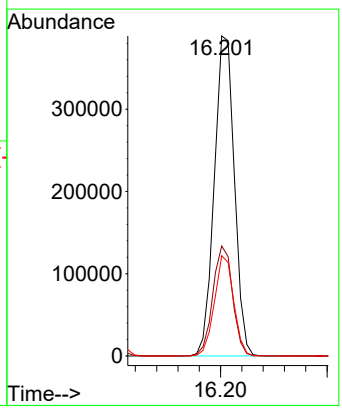


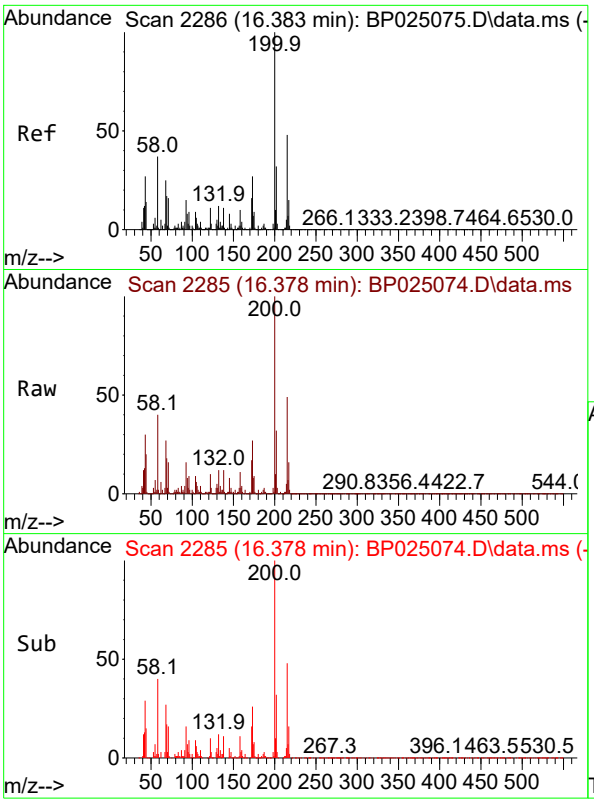


#68
Hexachlorobenzene
Concen: 20.375 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



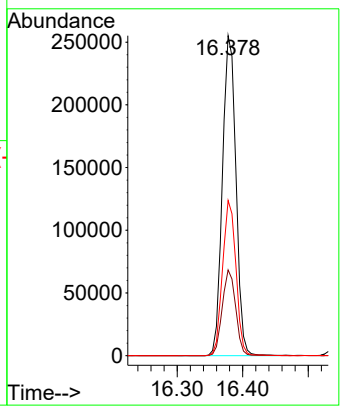


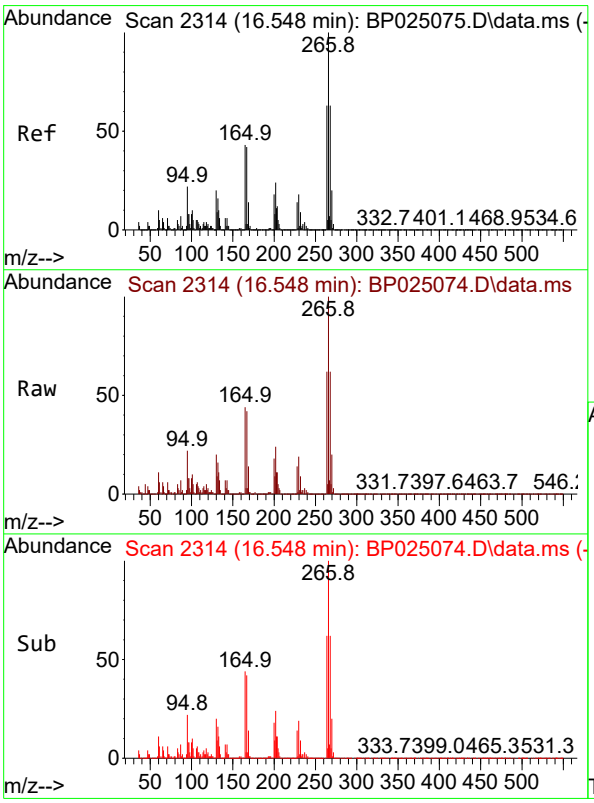
#69
Atrazine
Concen: 21.787 ng
RT: 16.378 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

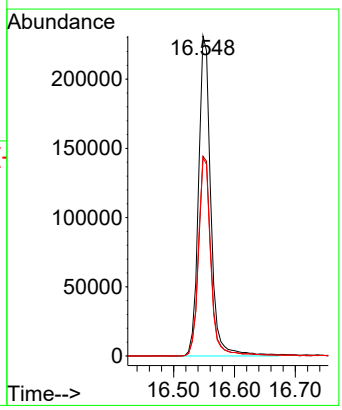


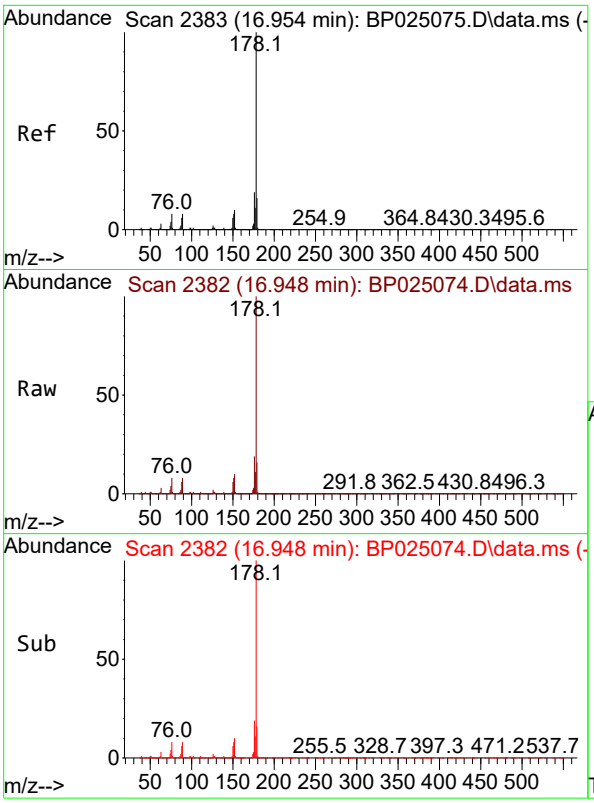


#70
Pentachlorophenol
Concen: 19.277 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



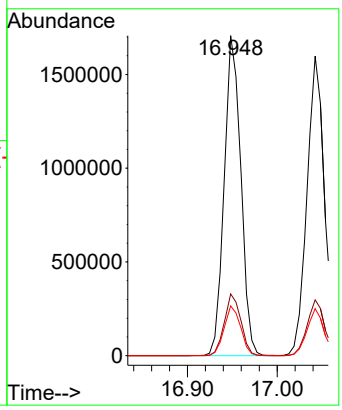


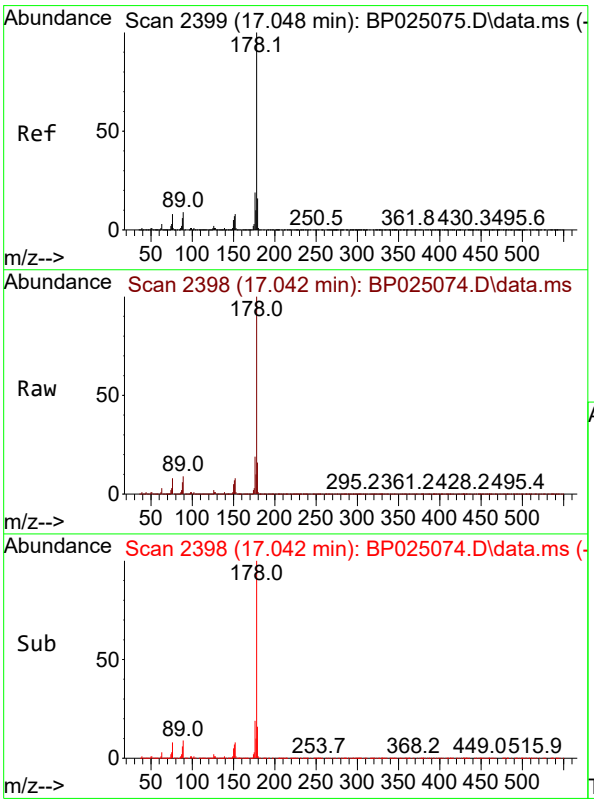
#71
Phenanthrene
Concen: 20.658 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

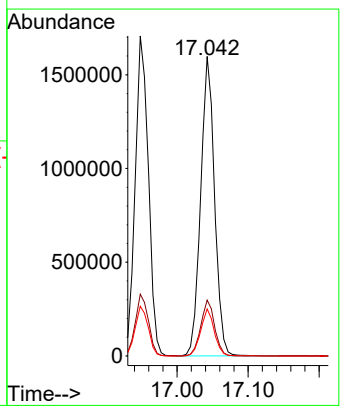


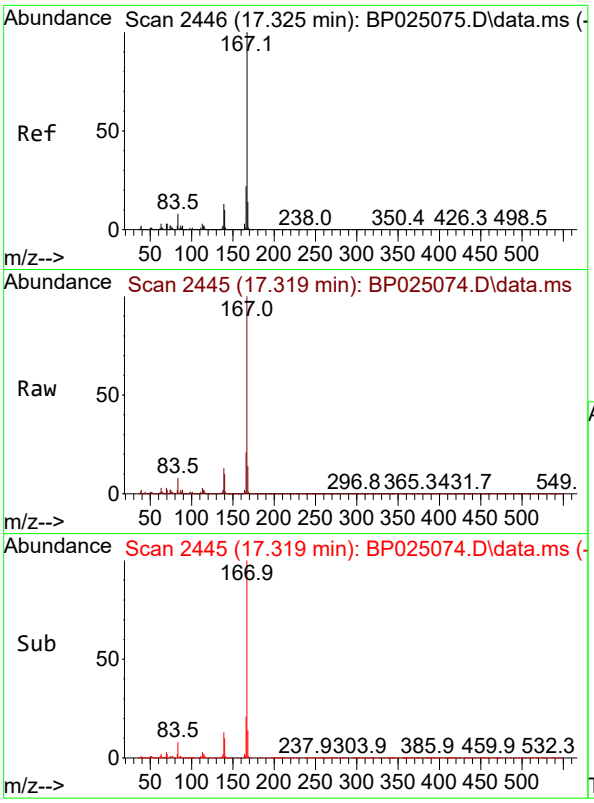


#72
Anthracene
Concen: 21.311 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



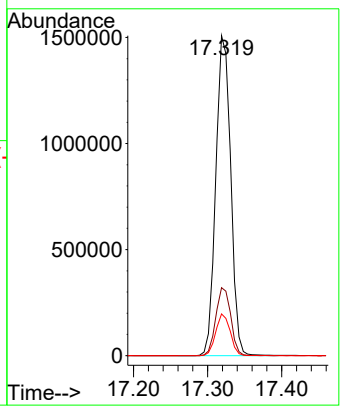


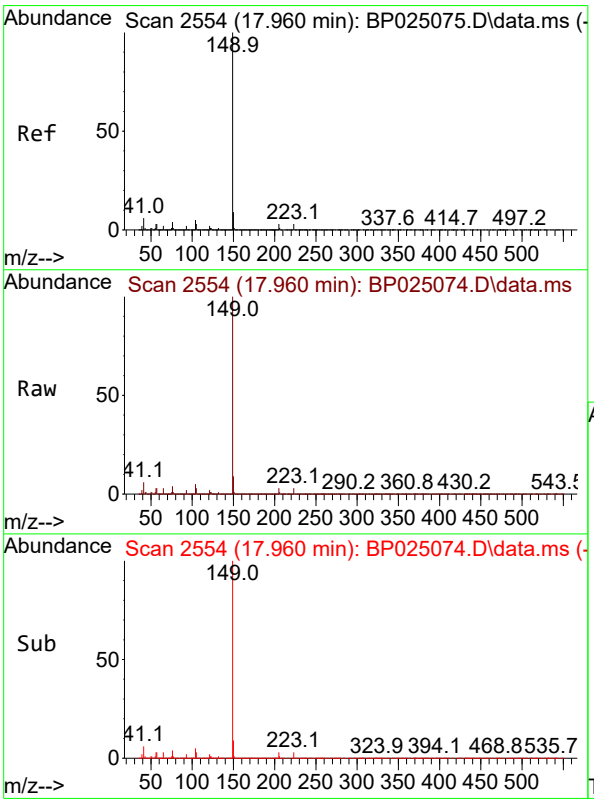
#73
Carbazole
Concen: 21.092 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

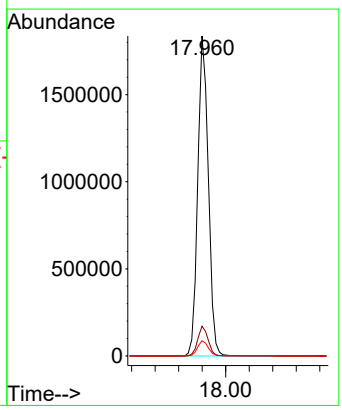


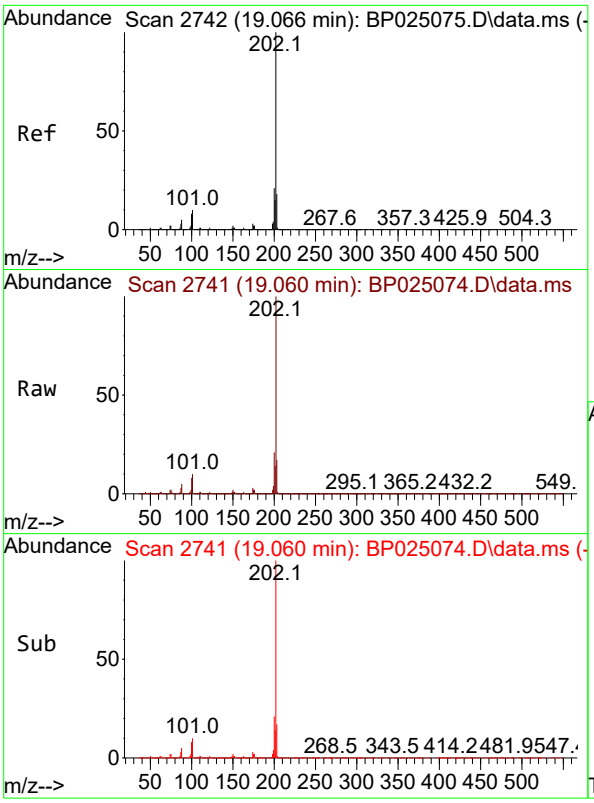


#74
Di-n-butylphthalate
Concen: 20.548 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



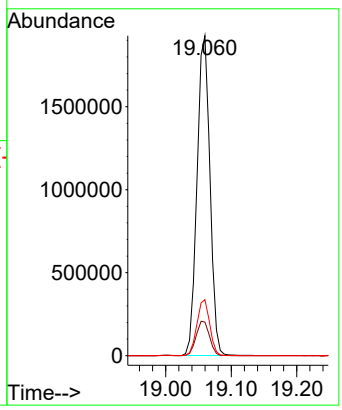


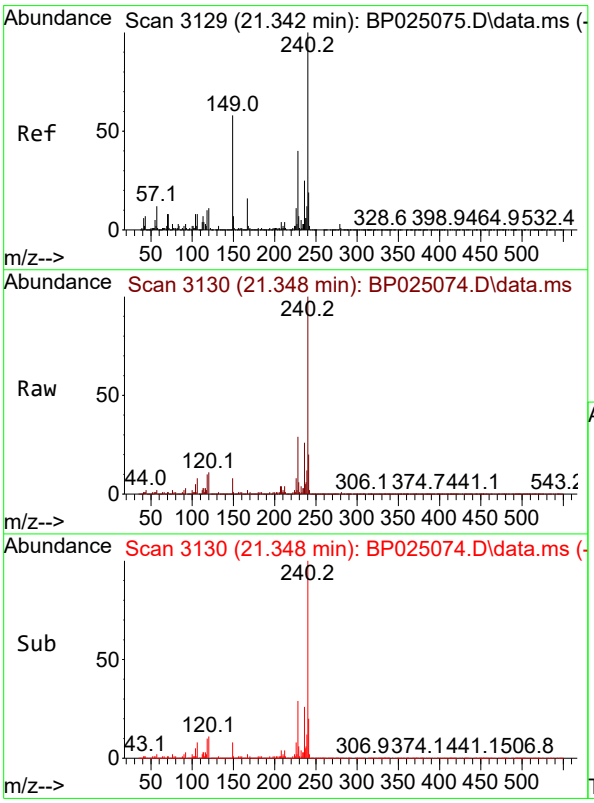
#75
Fluoranthene
Concen: 21.293 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

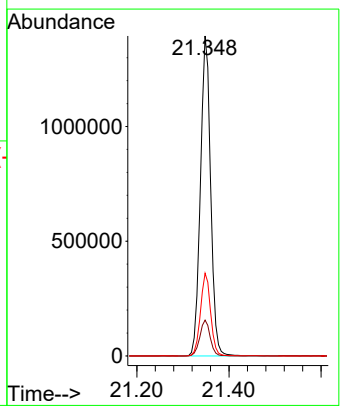


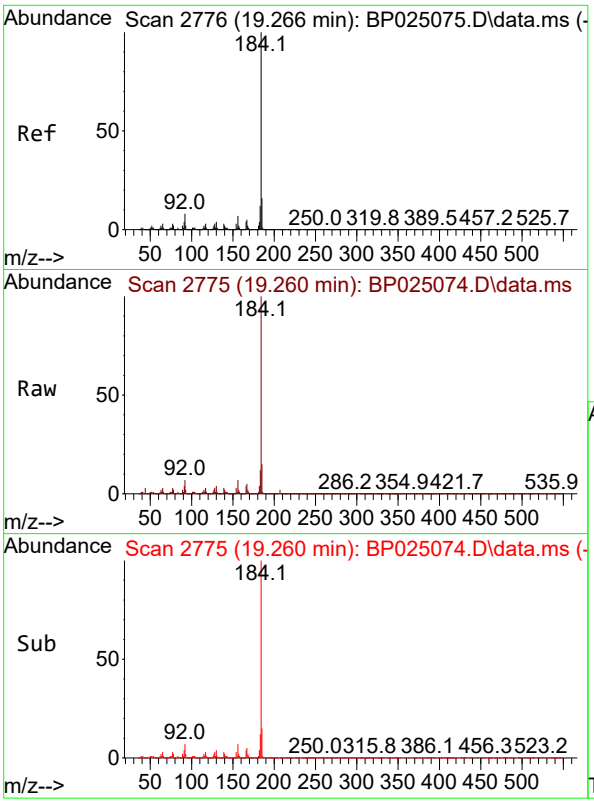


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.348 min Scan# 3130
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



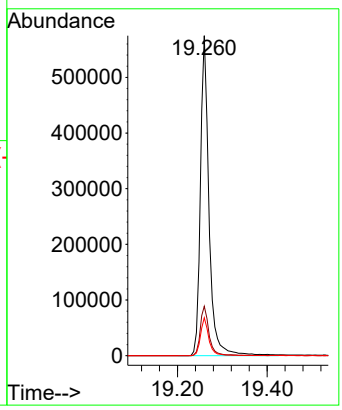


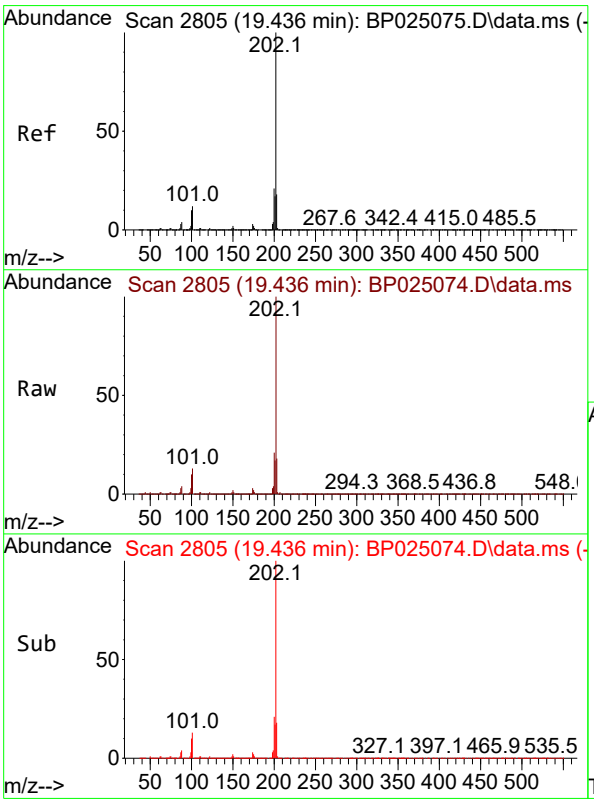
#77
Benzidine
Concen: 20.041 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

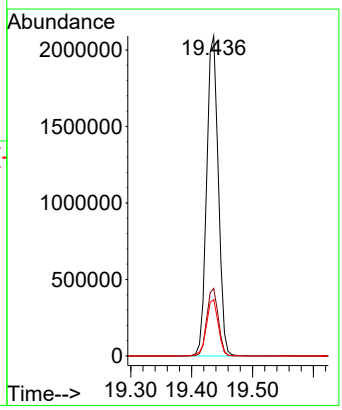


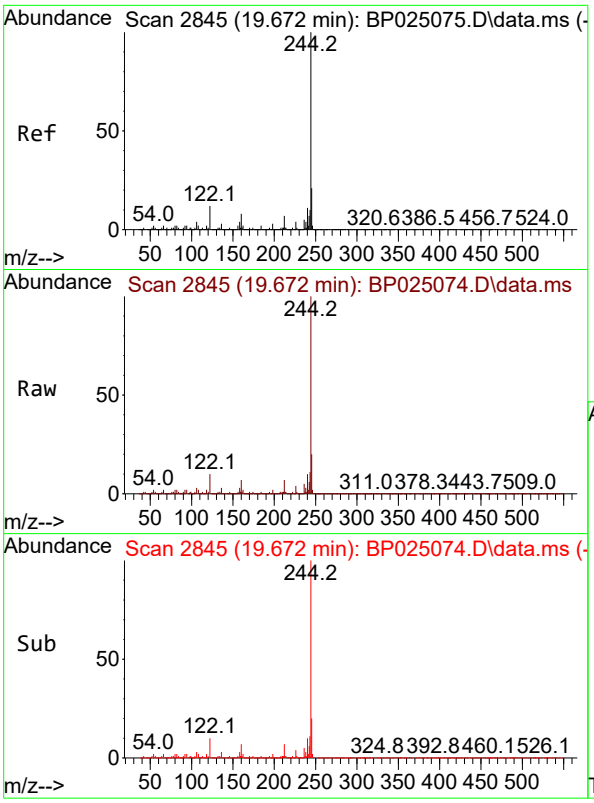


#78
Pyrene
Concen: 20.788 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



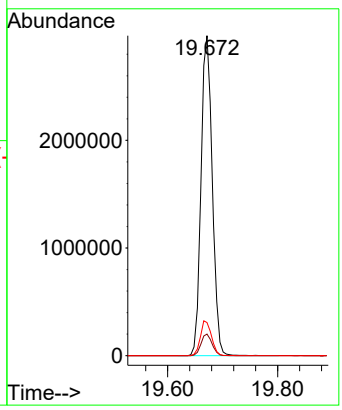


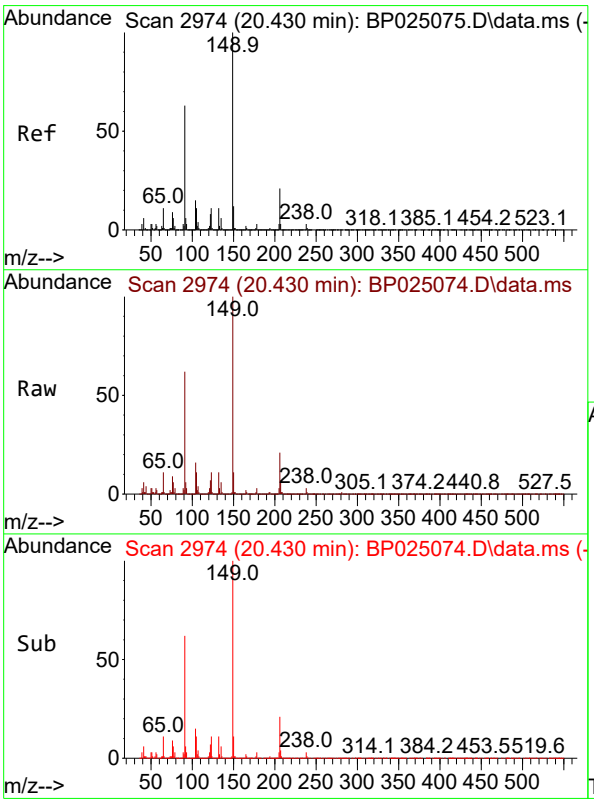
#79
Terphenyl-d14
Concen: 42.993 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

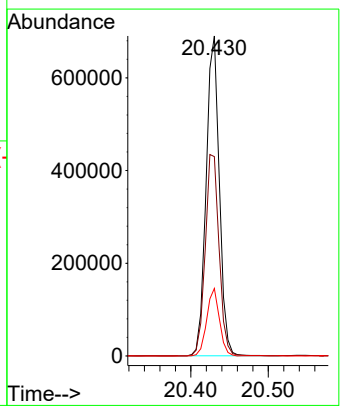


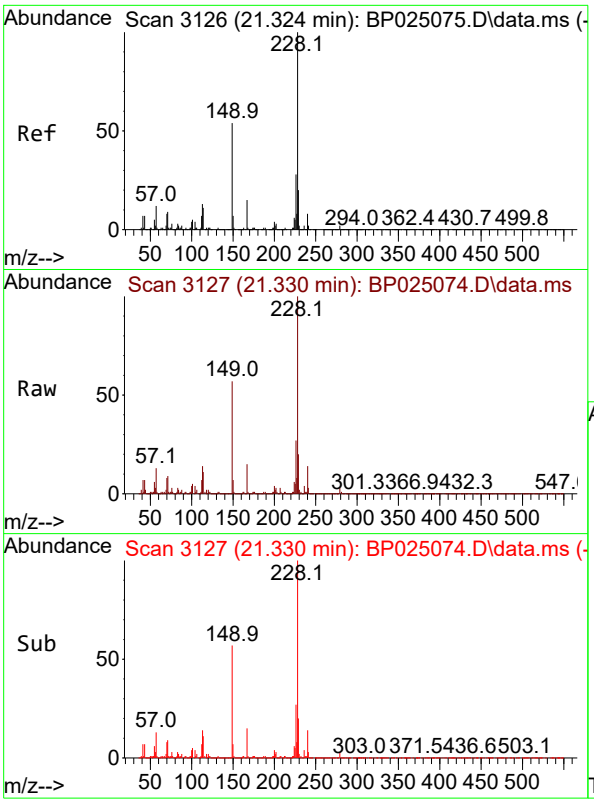


#80
Butylbenzylphthalate
Concen: 18.287 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



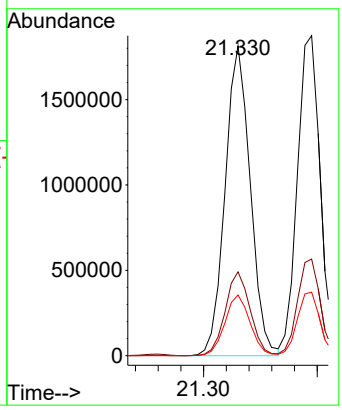


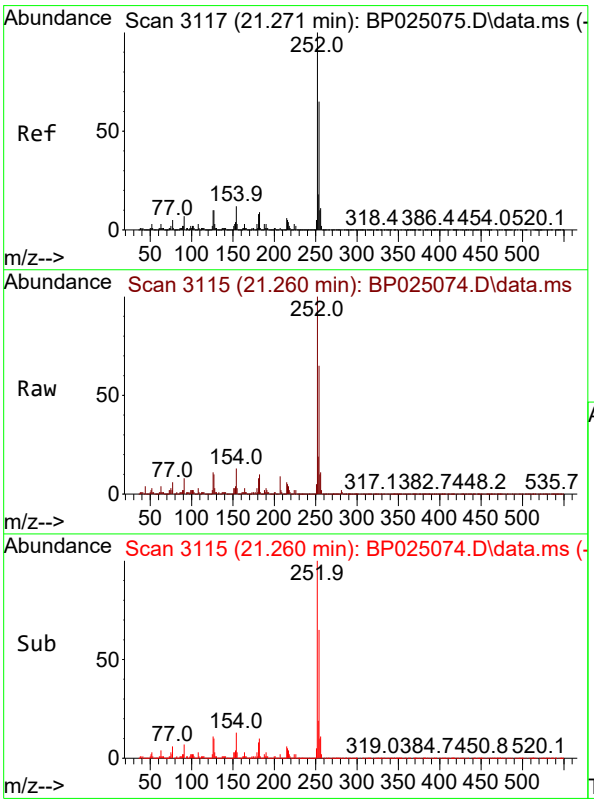
#81
Benzo(a)anthracene
Concen: 21.329 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

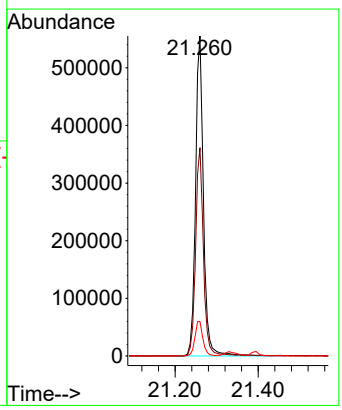


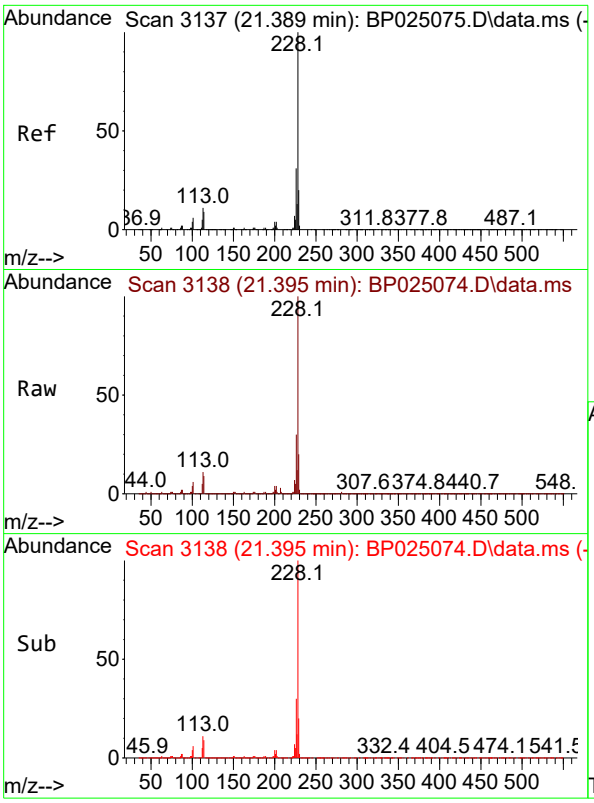


#82
3,3'-Dichlorobenzidine
Concen: 18.647 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



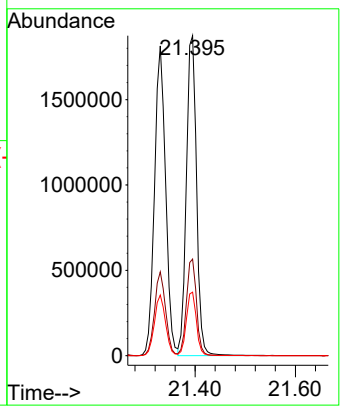


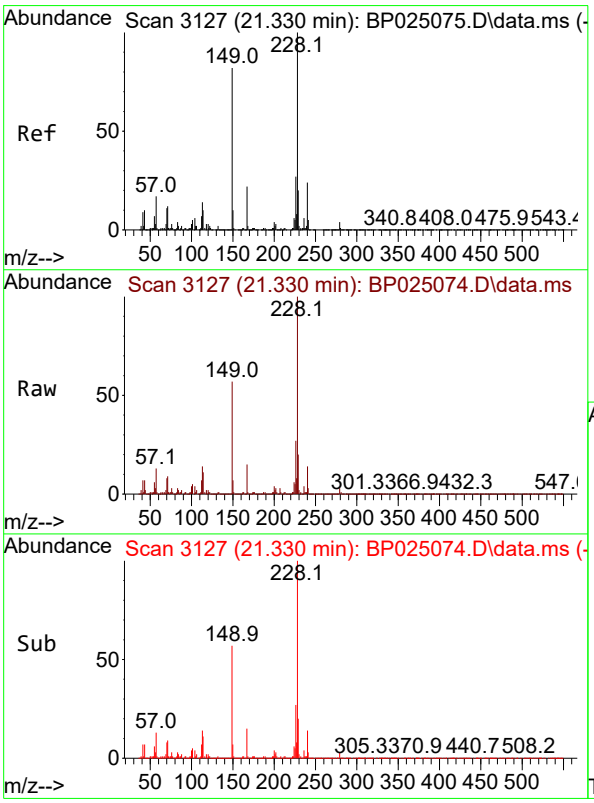
#83
Chrysene
Concen: 20.977 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

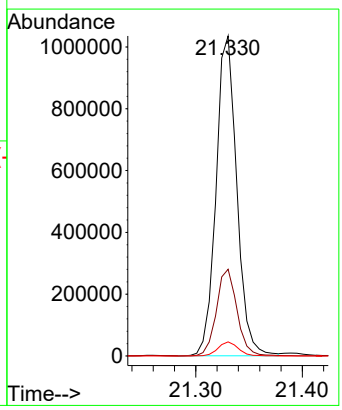


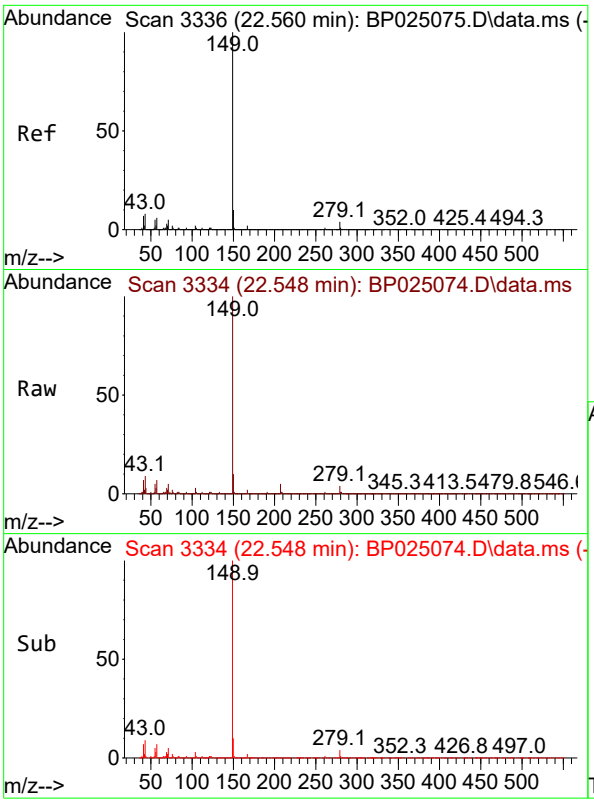


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.886 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



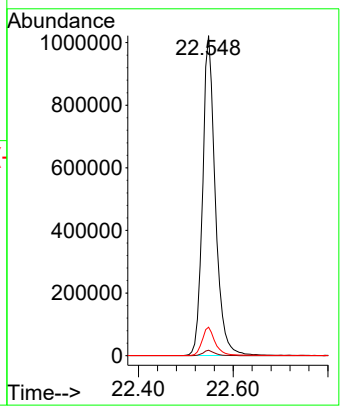


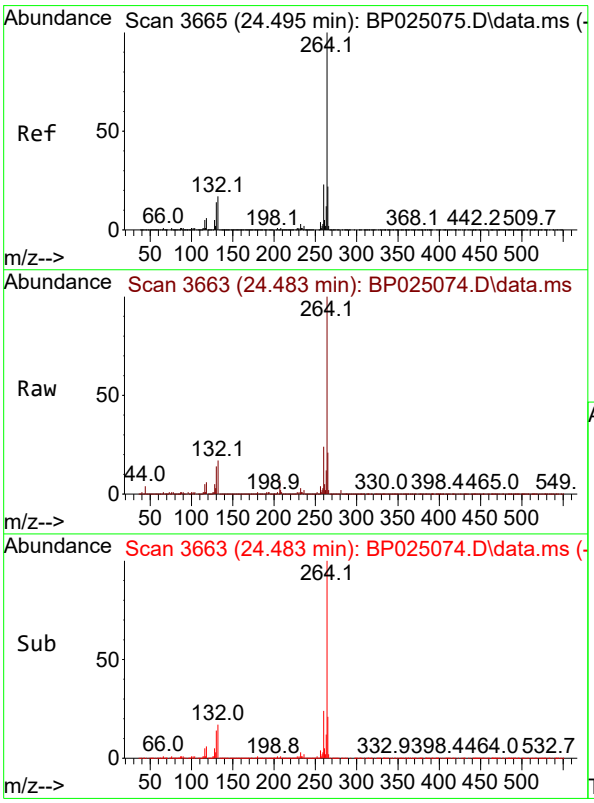
#85
Di-n-octyl phthalate
Concen: 18.935 ng
RT: 22.548 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

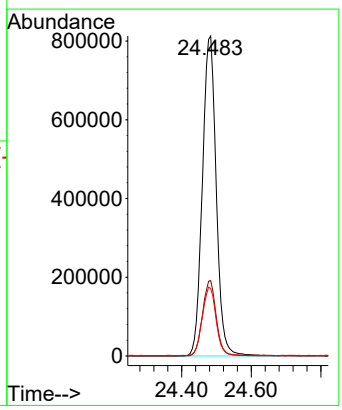


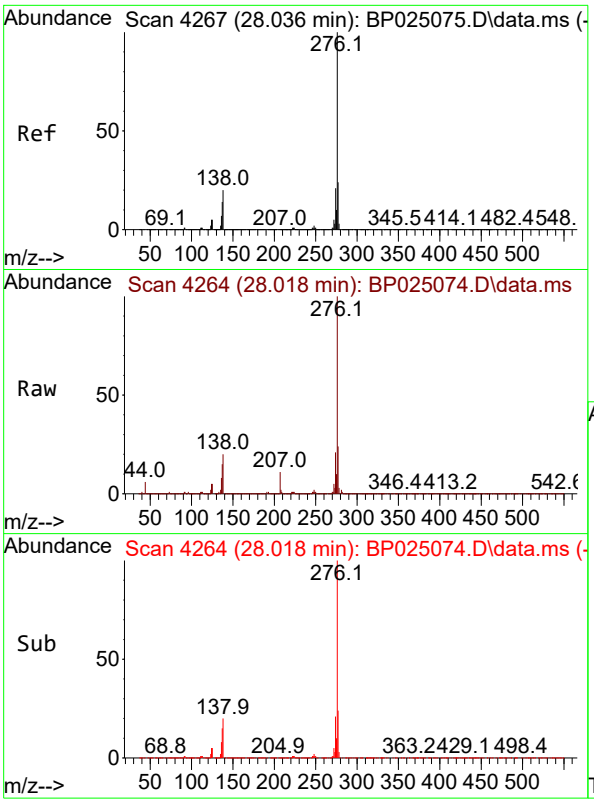


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



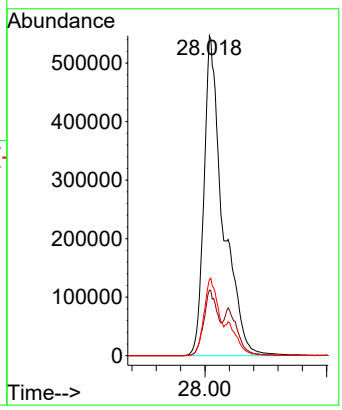


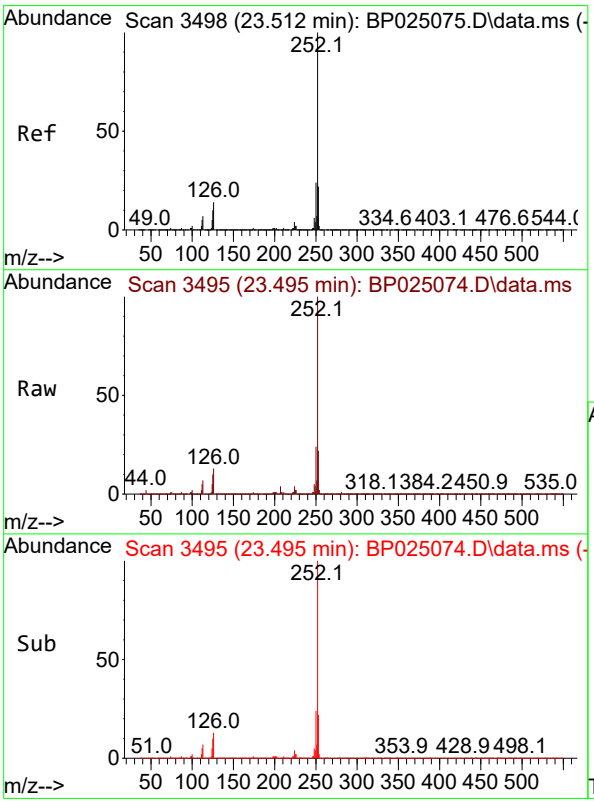
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.677 ng
RT: 28.018 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

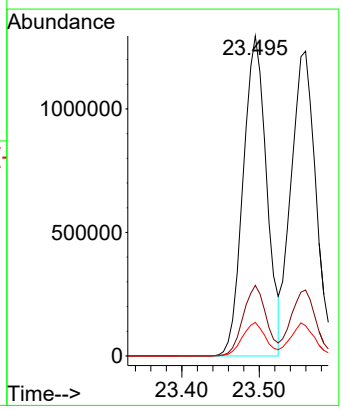


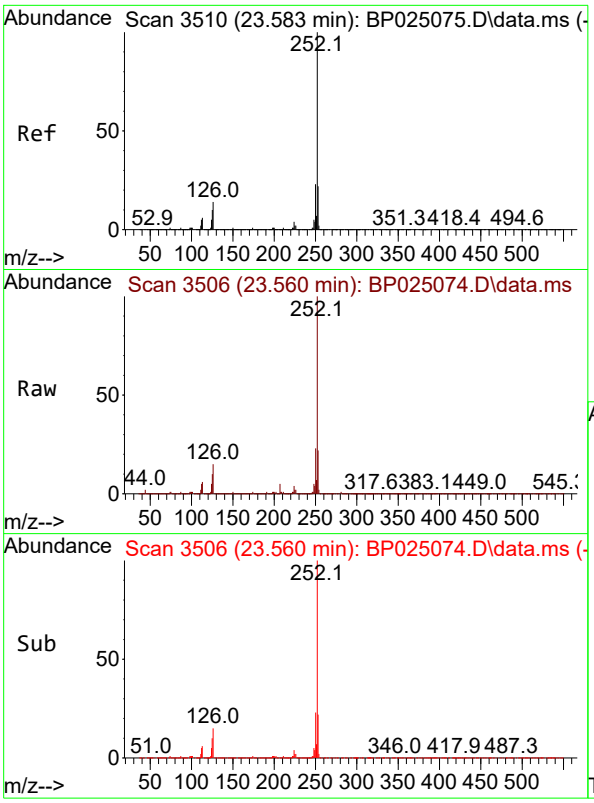


#88
Benzo(b)fluoranthene
Concen: 20.872 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



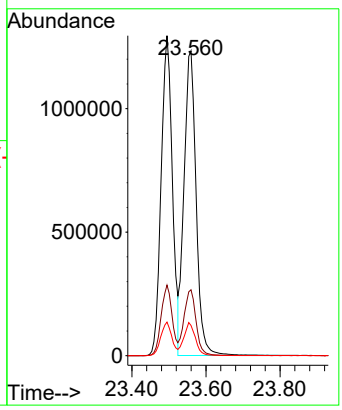


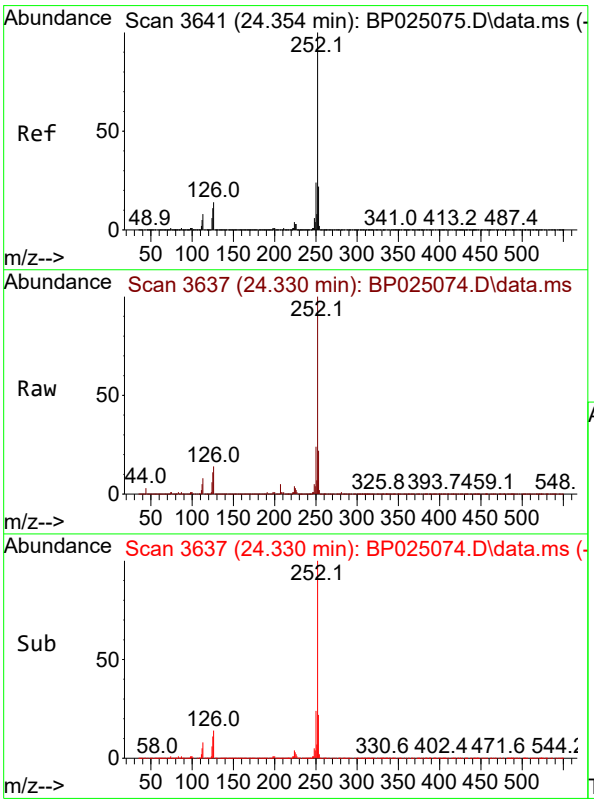
#89
Benzo(k)fluoranthene
Concen: 21.560 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

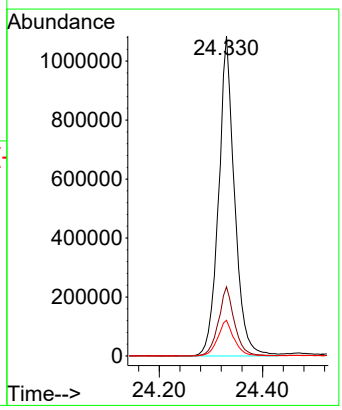


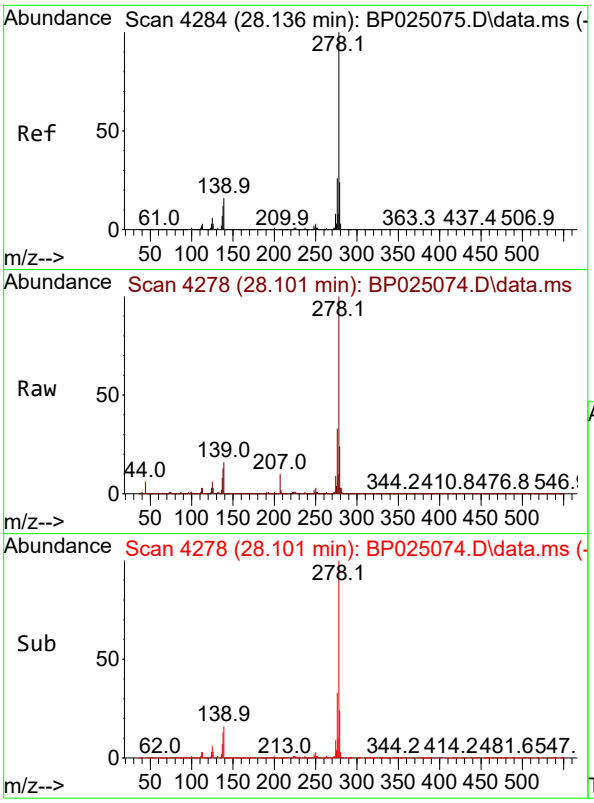


#90
Benzo(a)pyrene
Concen: 20.892 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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



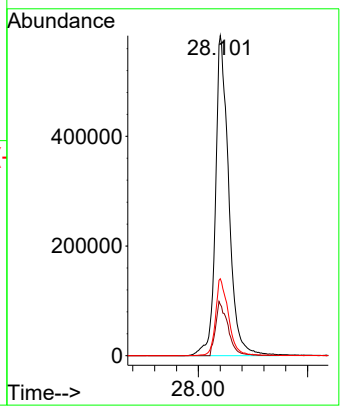


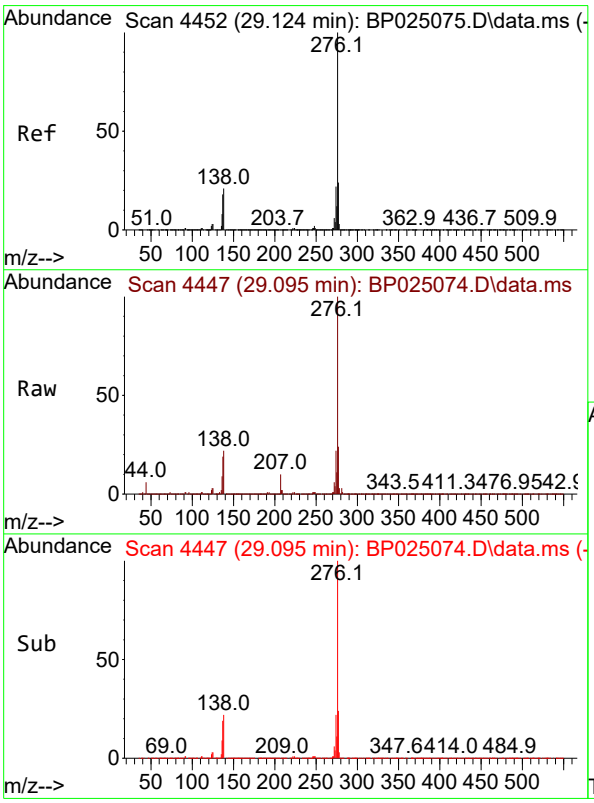
#91
Dibenzo(a,h)anthracene
Concen: 20.842 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

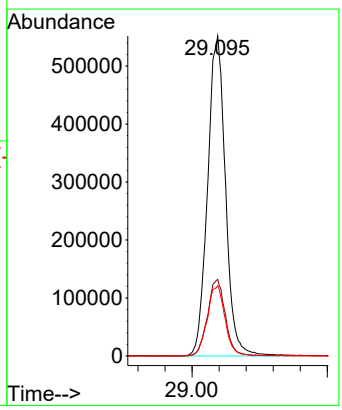




#92
Benzo(g,h,i)perylene
Concen: 20.695 ng
RT: 29.095 min Scan# 4447
Delta R.T. -0.029 min
Lab File: BP025074.D
Acq: 03 Jul 2025 11:44

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

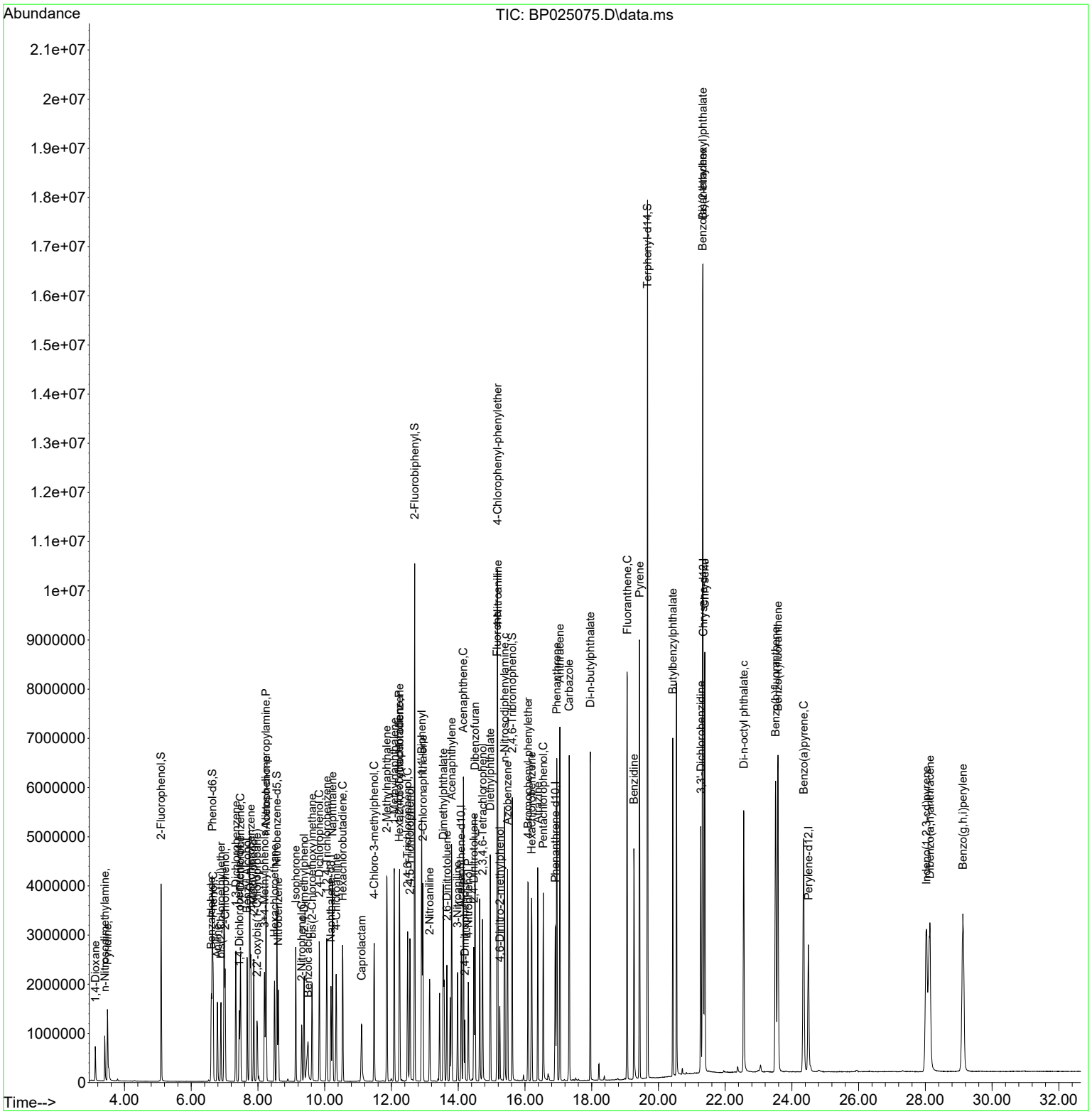
(#) = qualifier out of range (m) = manual integration (+) = signals summed

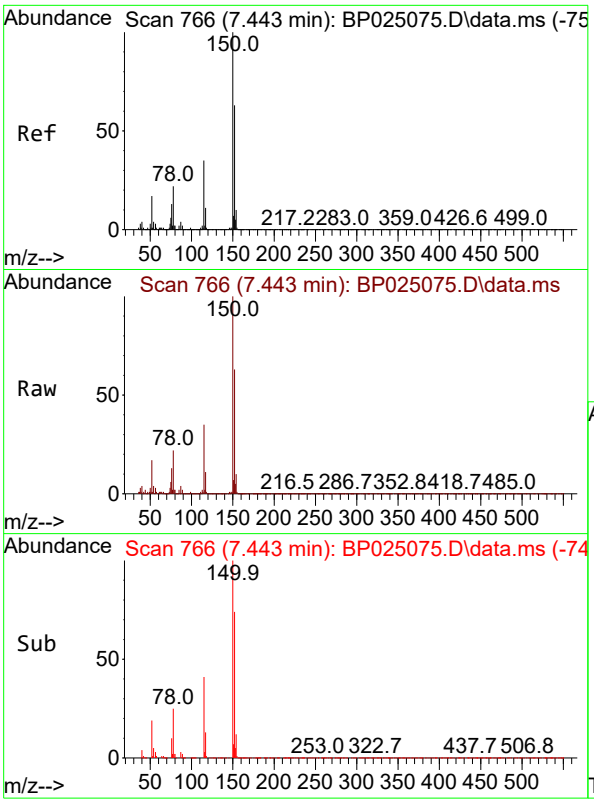
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025075.D
Acq On : 03 Jul 2025 12:25
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

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



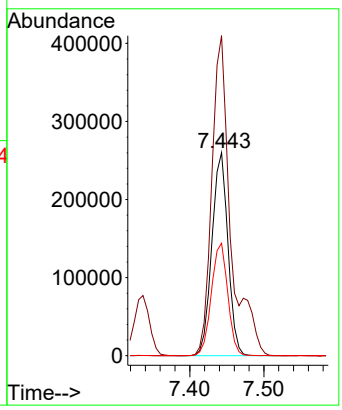


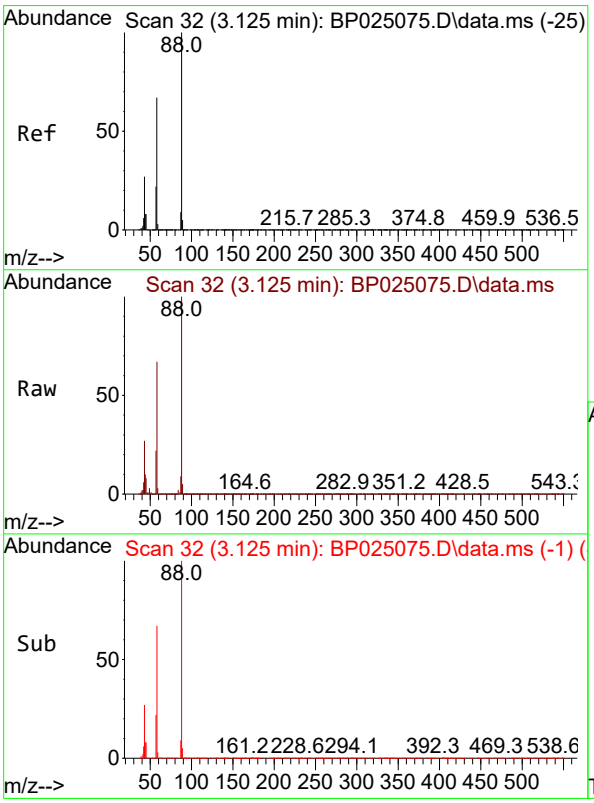
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

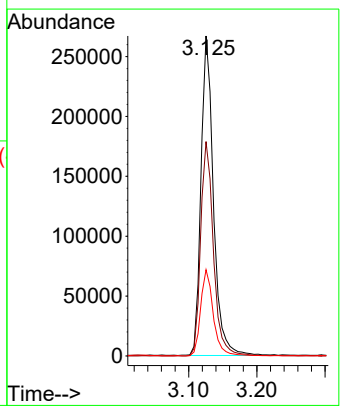


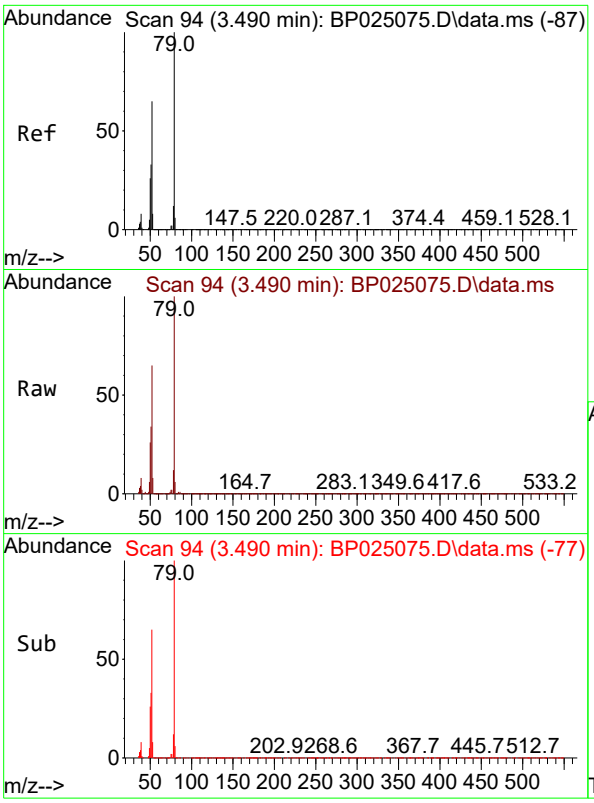


#2
1,4-Dioxane
Concen: 39.642 ng
RT: 3.125 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



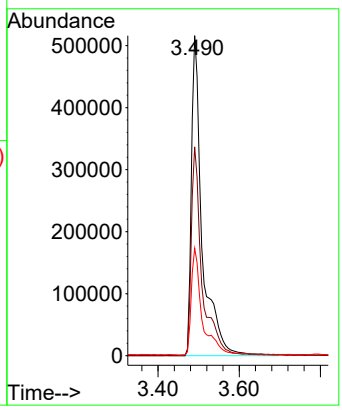


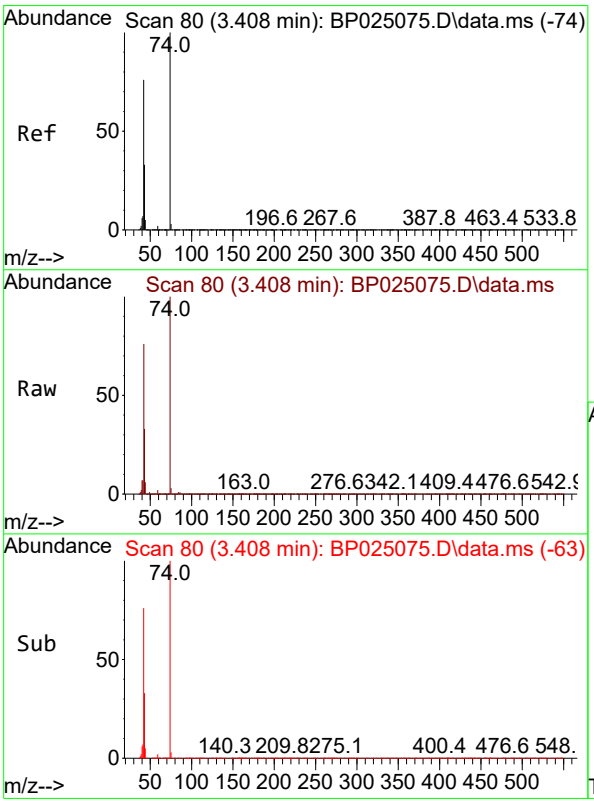
#3
Pyridine
Concen: 40.903 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

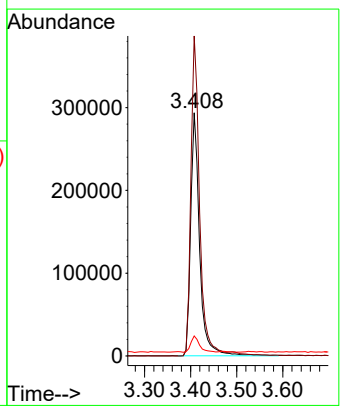


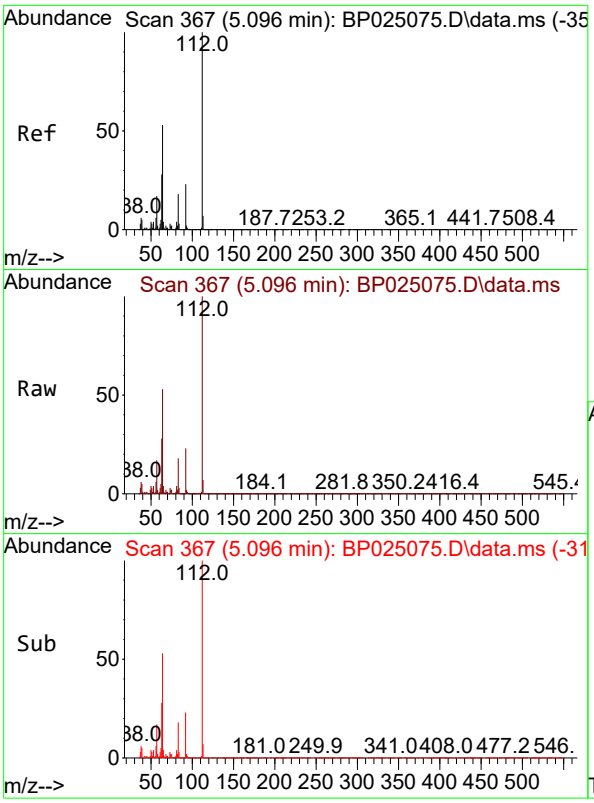


#4
n-Nitrosodimethylamine
Concen: 39.780 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



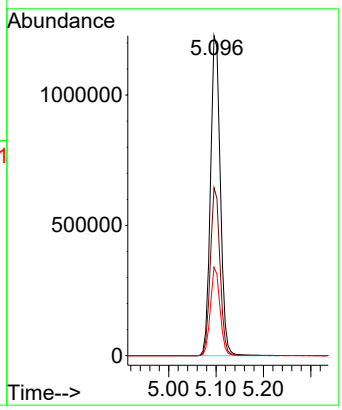


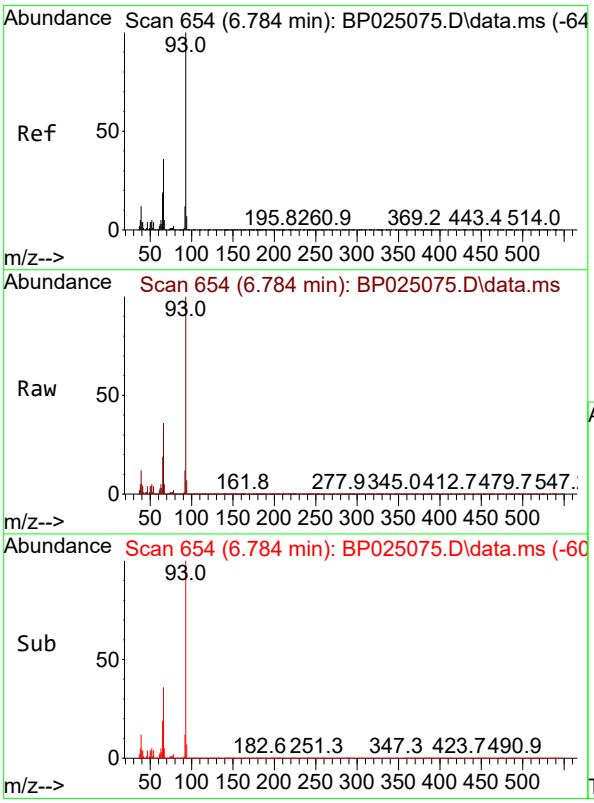
#5
2-Fluorophenol
Concen: 80.342 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

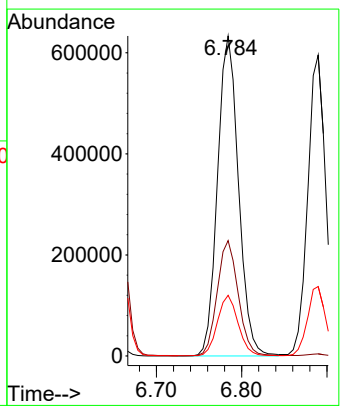


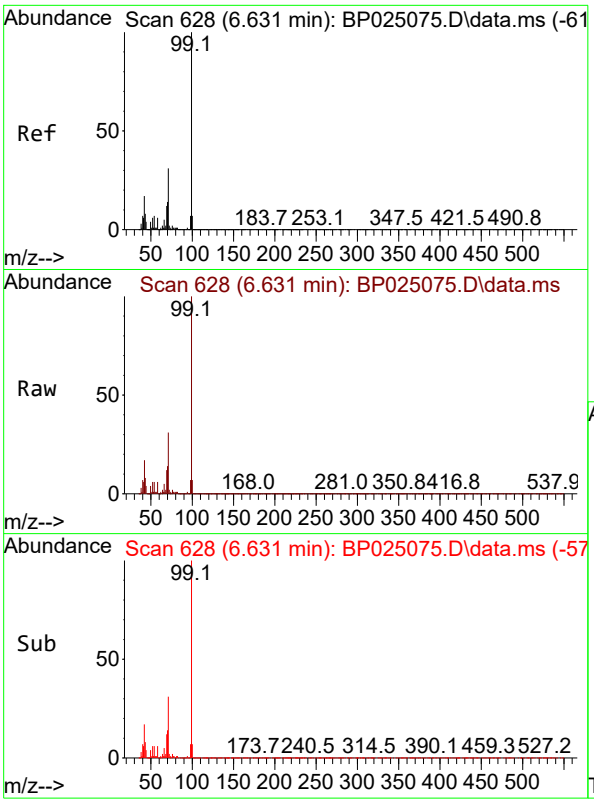


#6
Aniline
Concen: 40.335 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



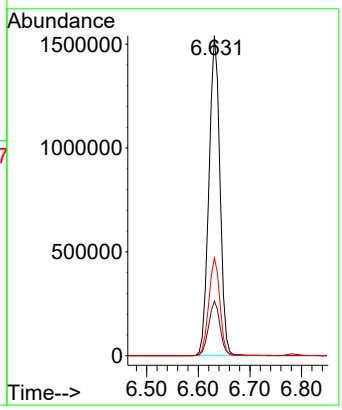


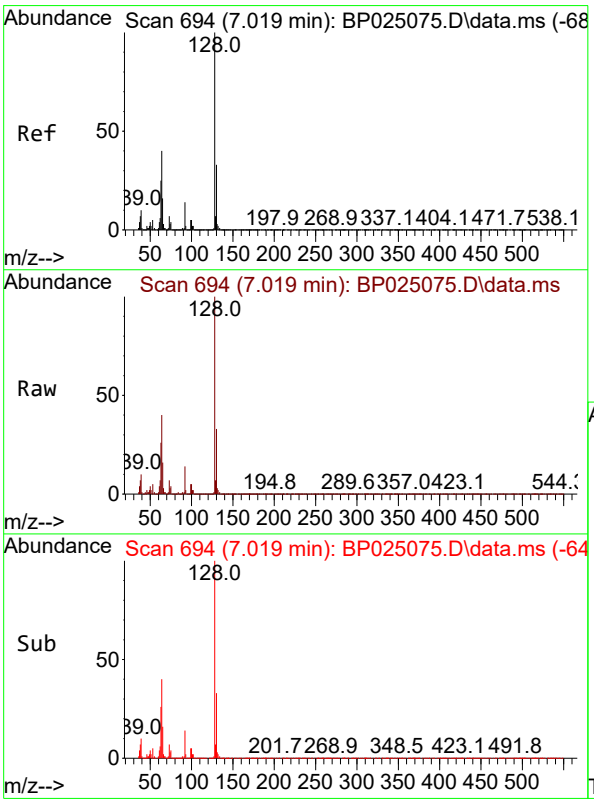
#7
Phenol-d6
Concen: 79.204 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

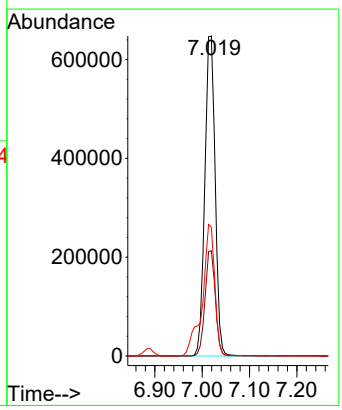


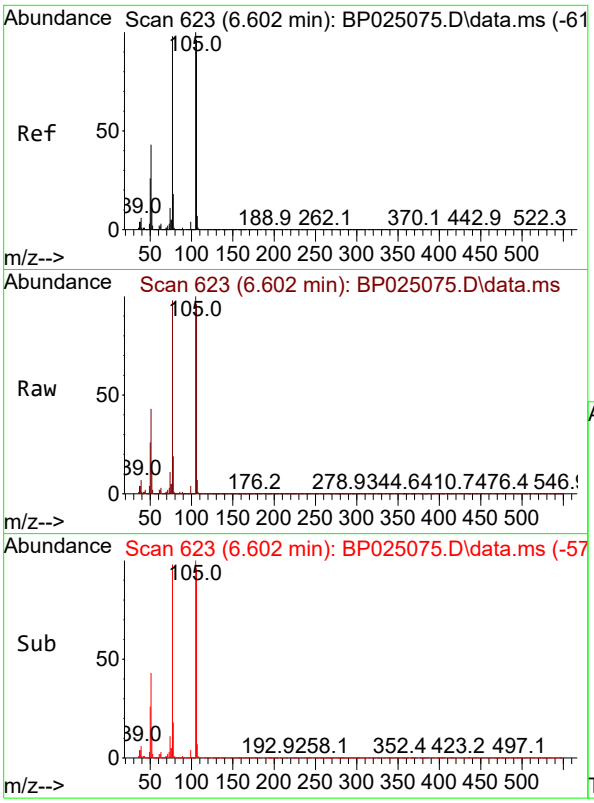


#8
2-Chlorophenol
Concen: 39.775 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



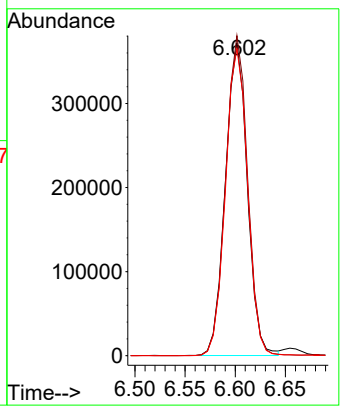


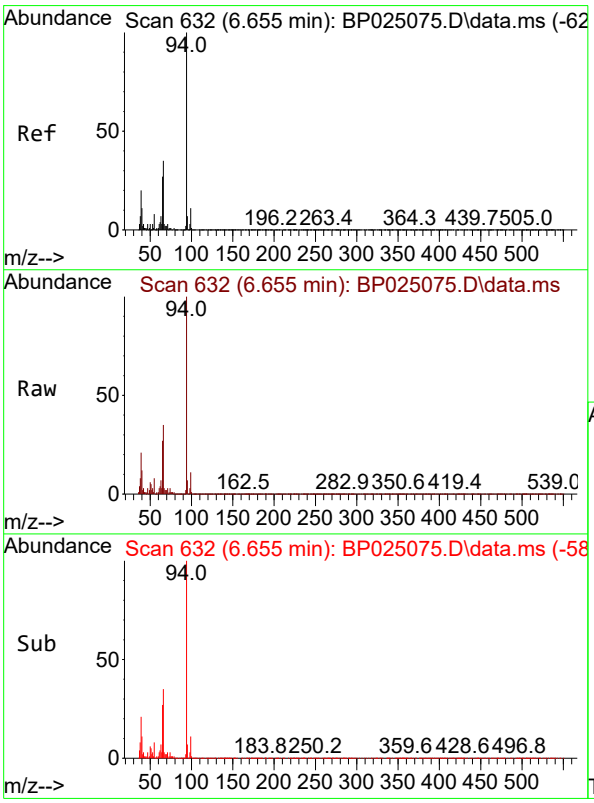
#9
Benzaldehyde
Concen: 37.634 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

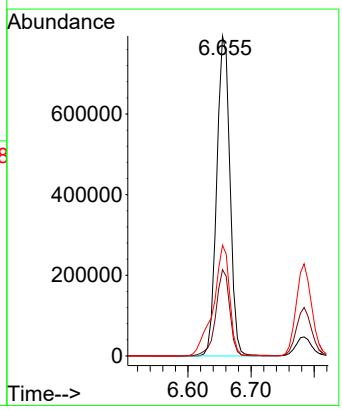


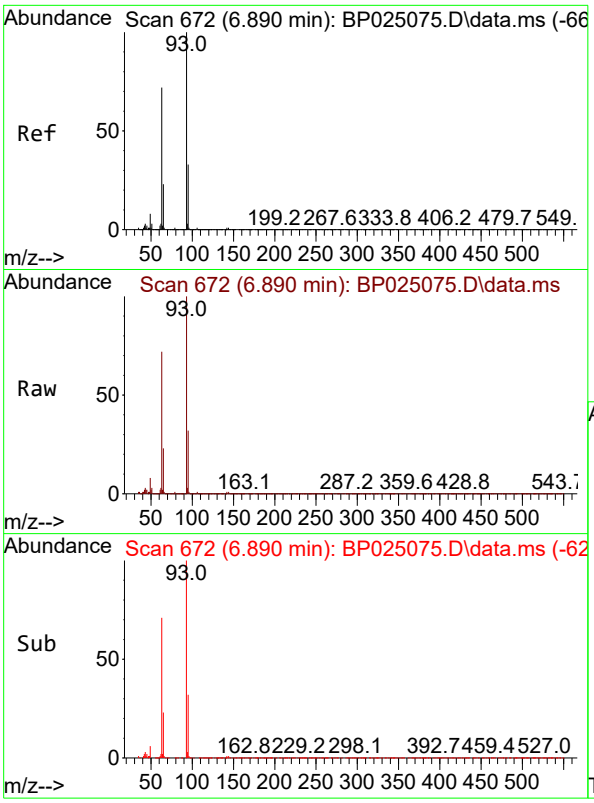


#10
Phenol
Concen: 39.348 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



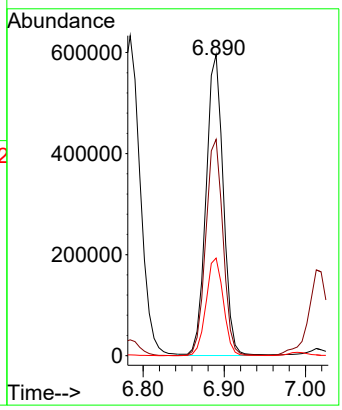


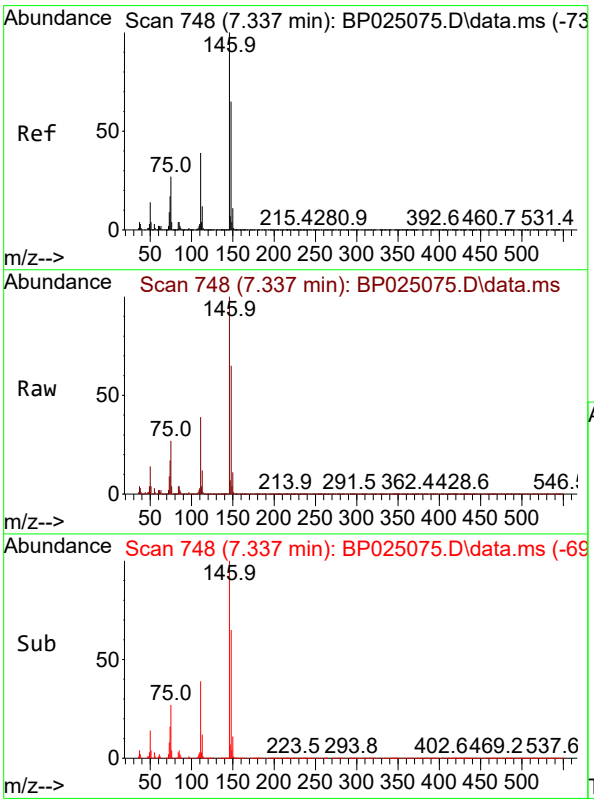
#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

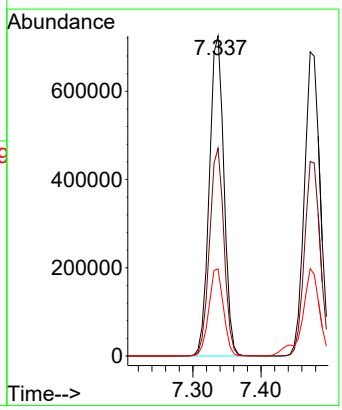


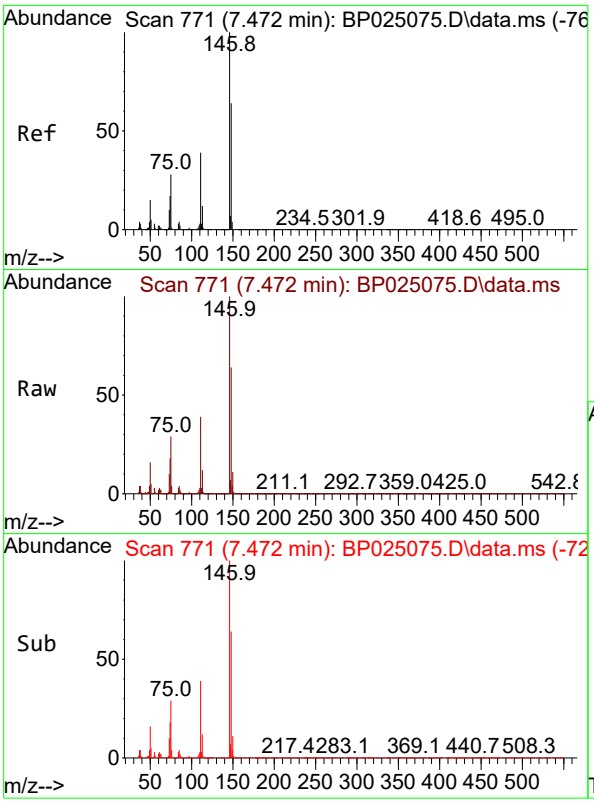


#12
1,3-Dichlorobenzene
Concen: 39.020 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



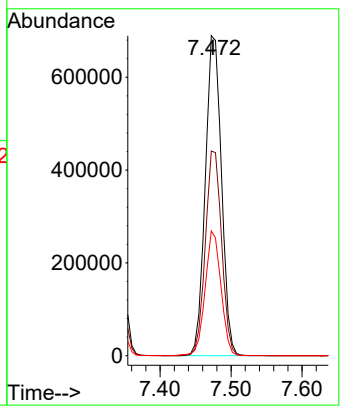


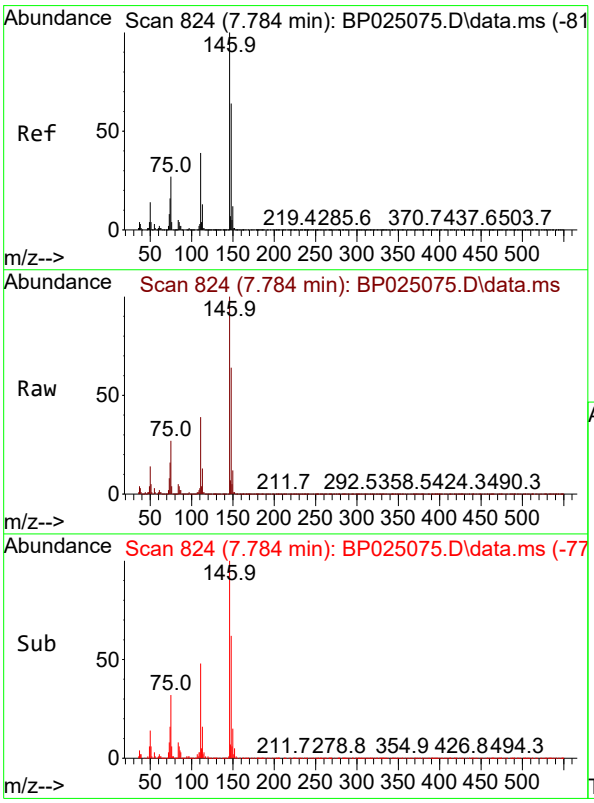
#13
1,4-Dichlorobenzene
Concen: 39.109 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

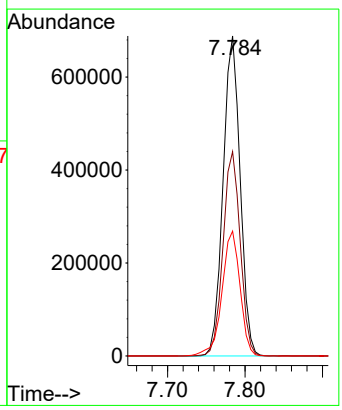


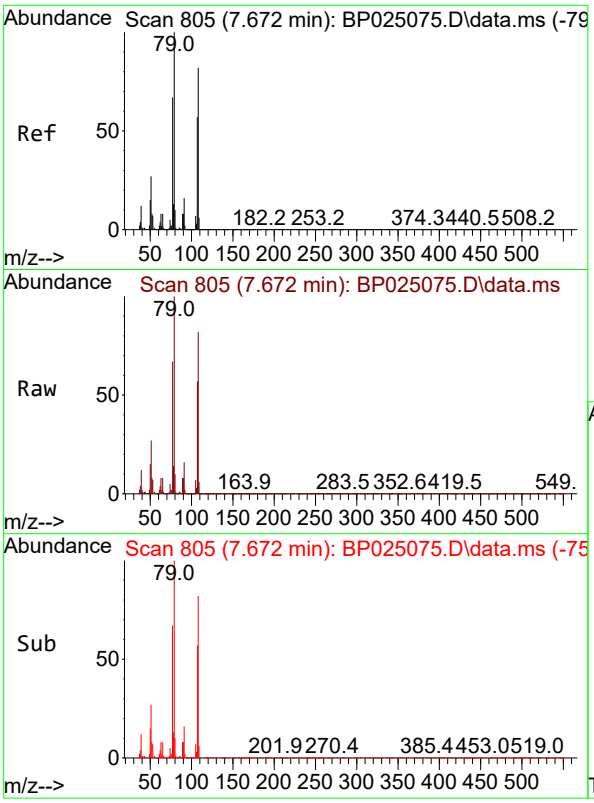


#14
1,2-Dichlorobenzene
Concen: 39.206 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



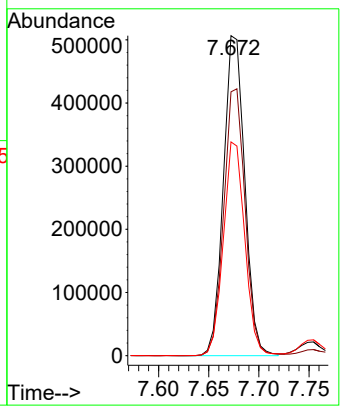


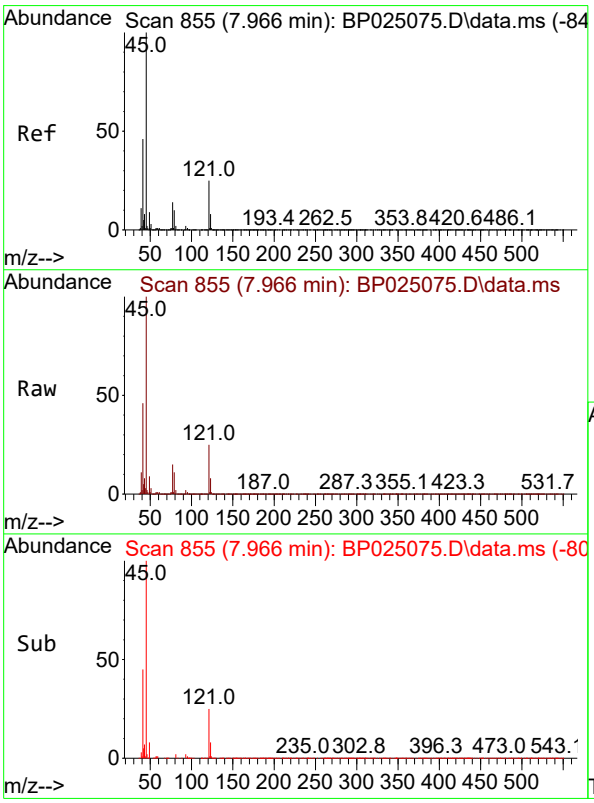
#15
Benzyl Alcohol
Concen: 38.947 ng
RT: 7.672 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

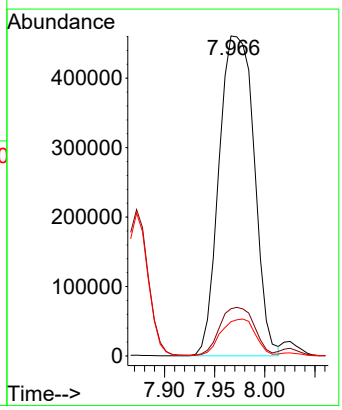


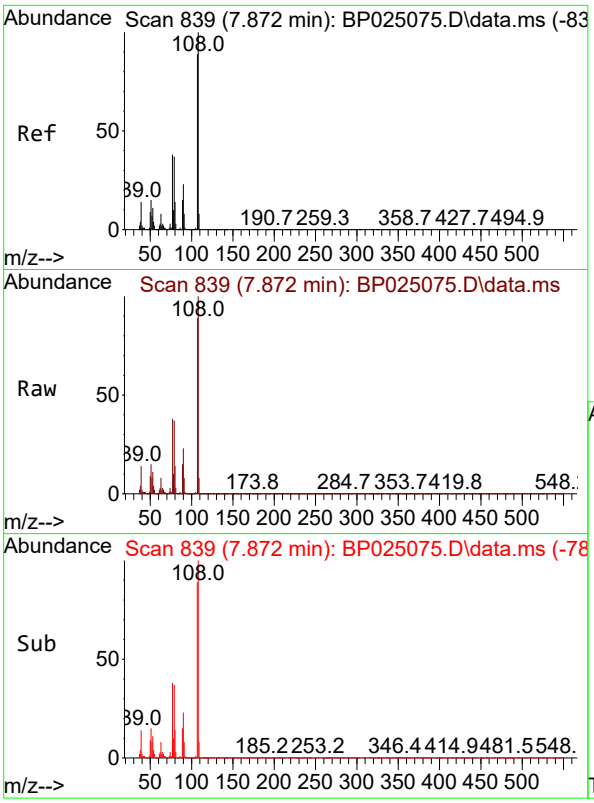


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.282 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



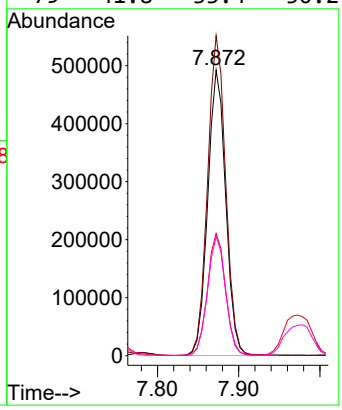


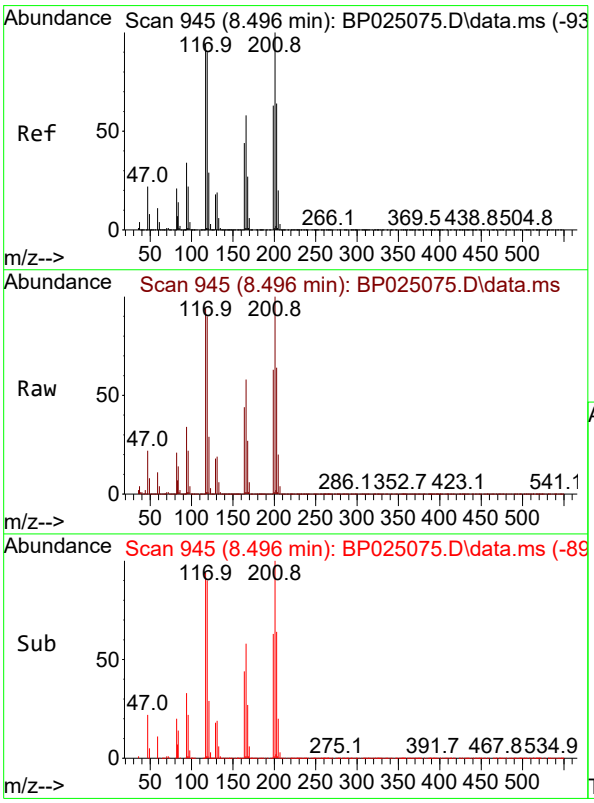
#17
2-Methylphenol
Concen: 40.195 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

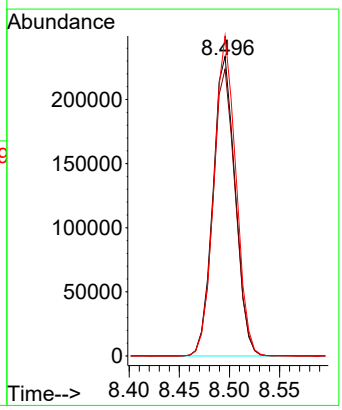


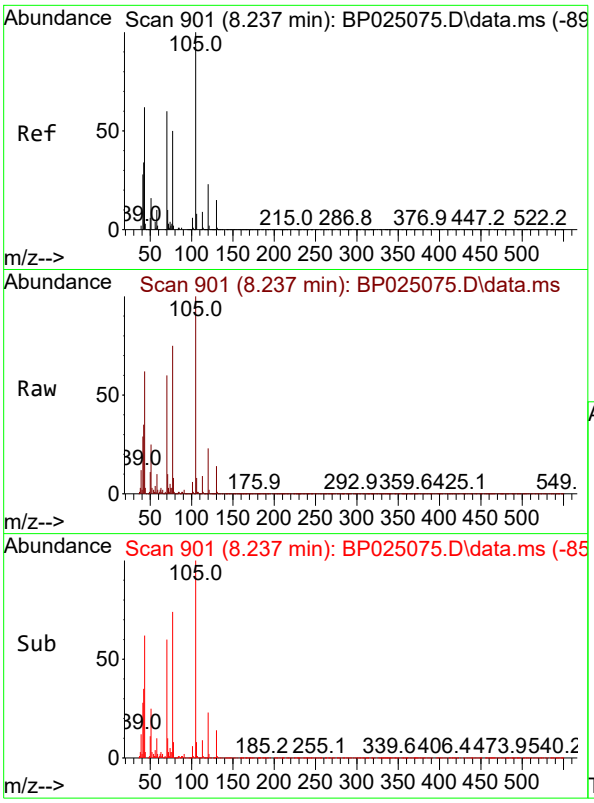


#18
Hexachloroethane
Concen: 39.510 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



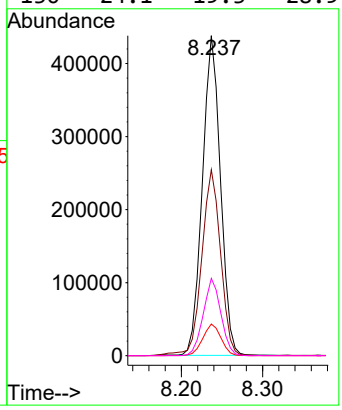


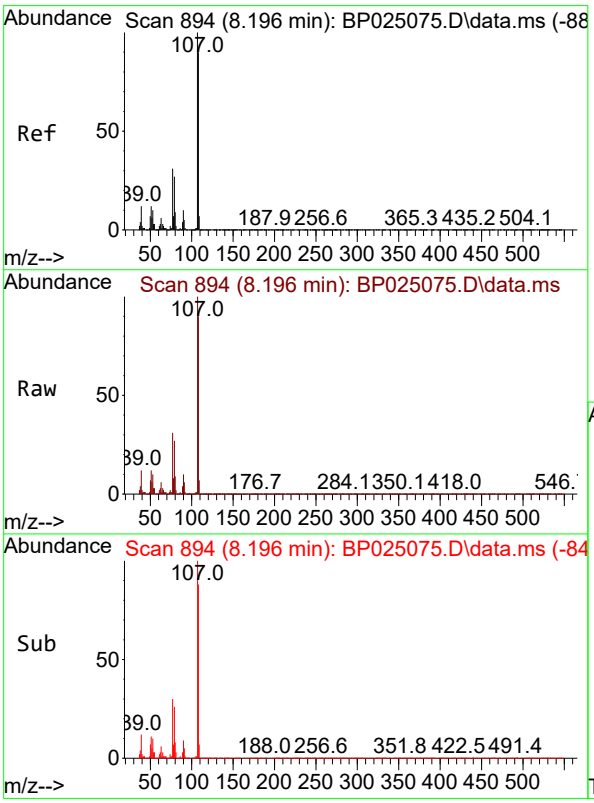
#19
n-Nitroso-di-n-propylamine
Concen: 39.605 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

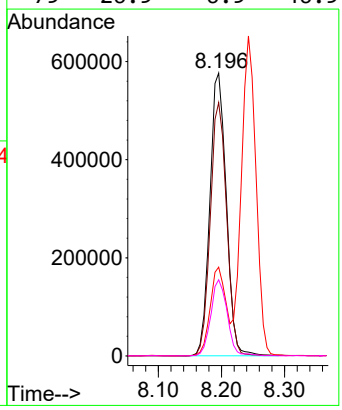


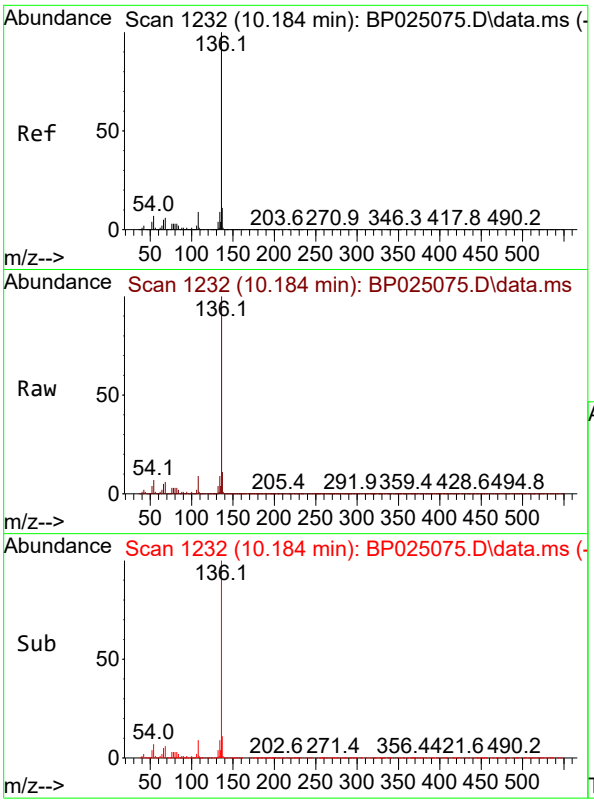


#20
3+4-Methylphenols
Concen: 39.511 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



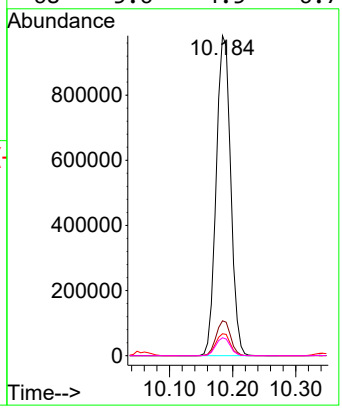


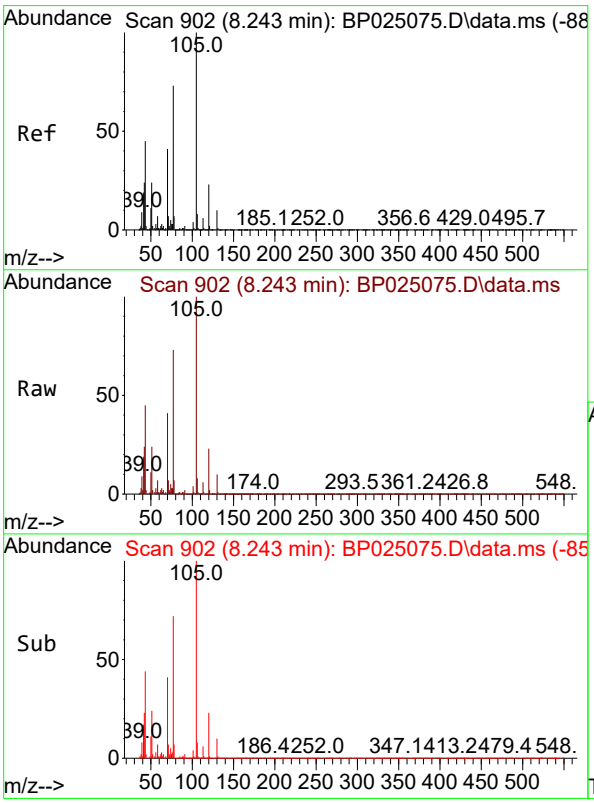
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

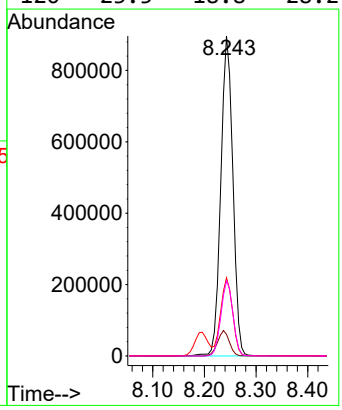


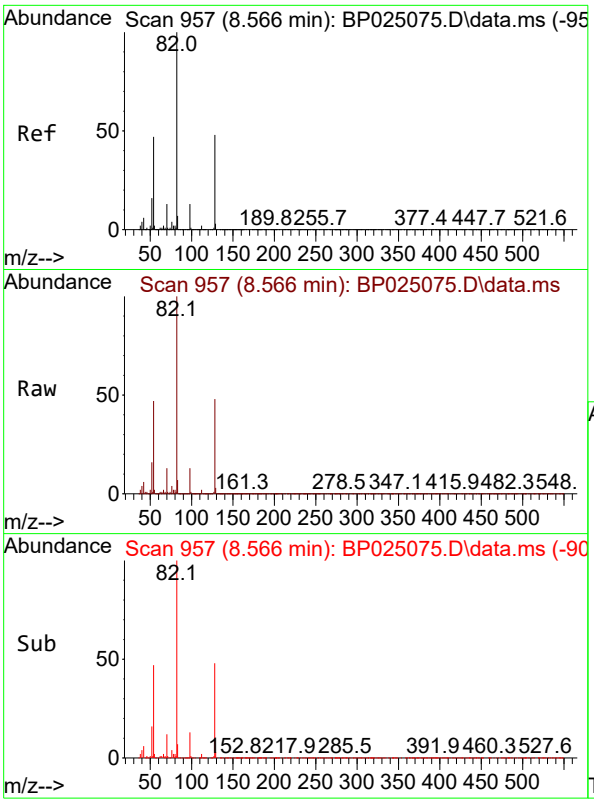


#22
Acetophenone
Concen: 39.332 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



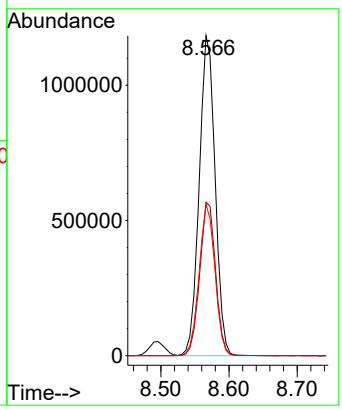


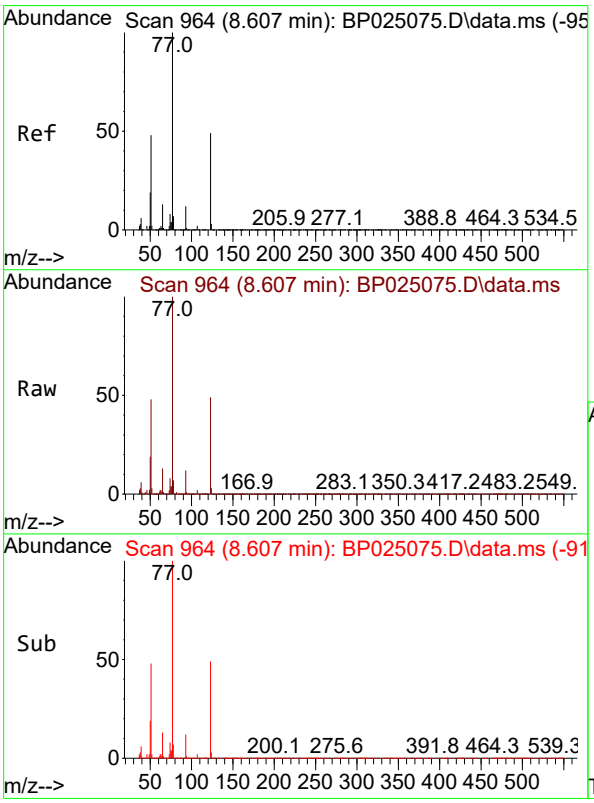
#23
Nitrobenzene-d5
Concen: 81.616 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

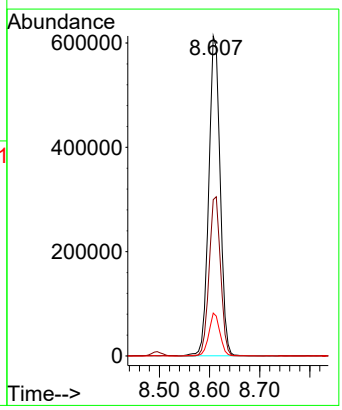


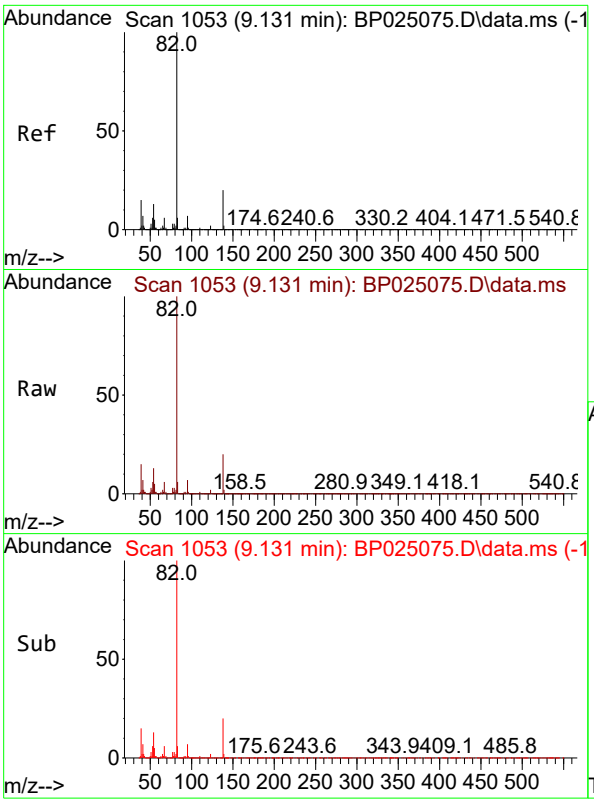


#24
Nitrobenzene
Concen: 40.457 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



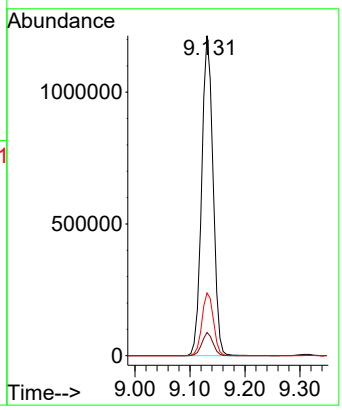


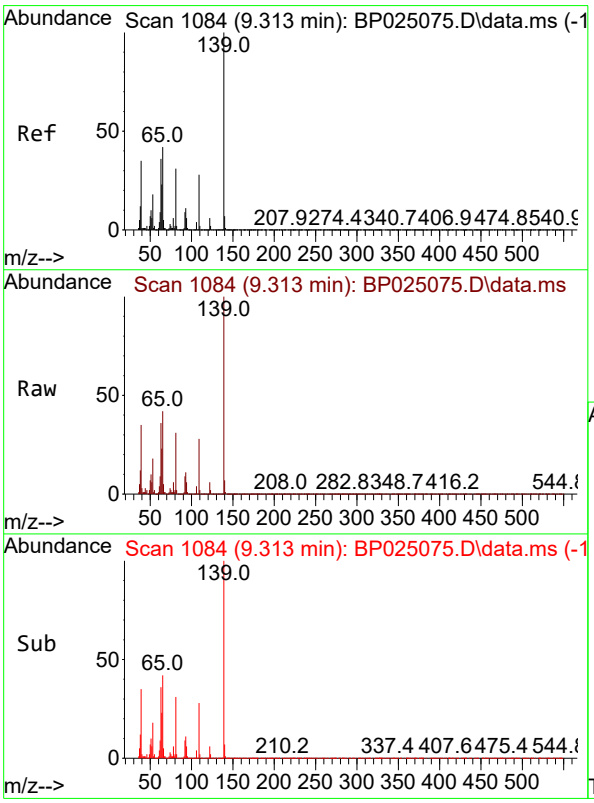
#25
Isophorone
Concen: 39.740 ng
RT: 9.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

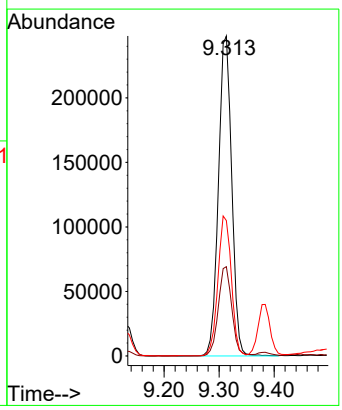


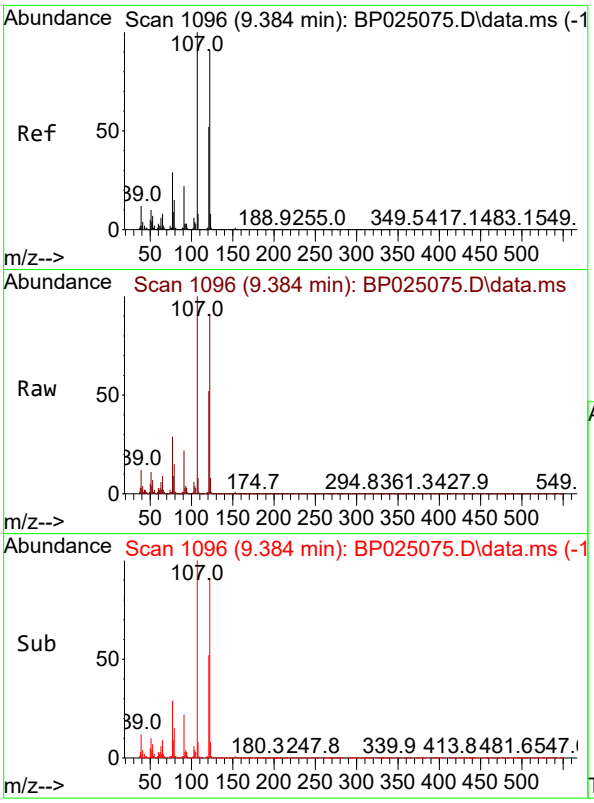


#26
2-Nitrophenol
Concen: 36.734 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



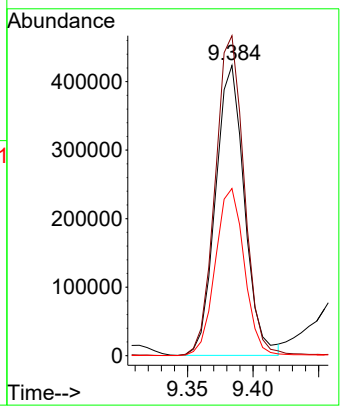


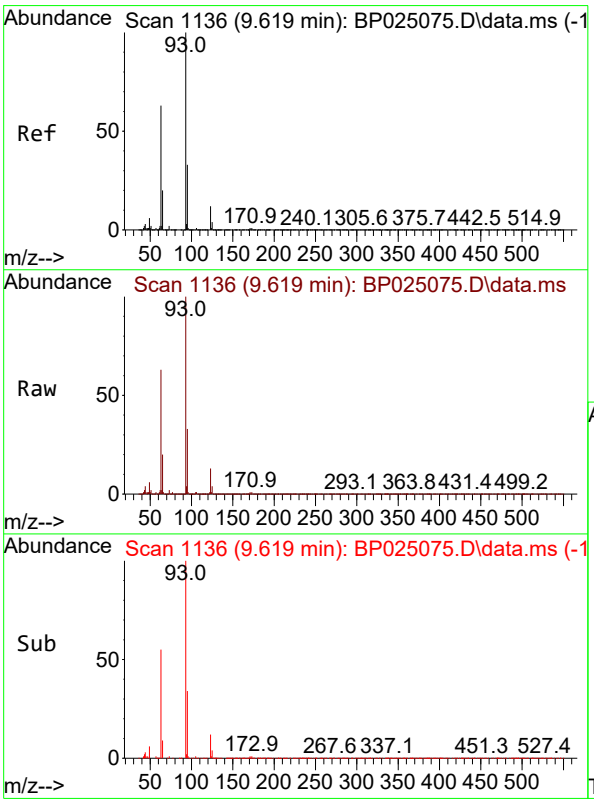
#27
2,4-Dimethylphenol
Concen: 39.698 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

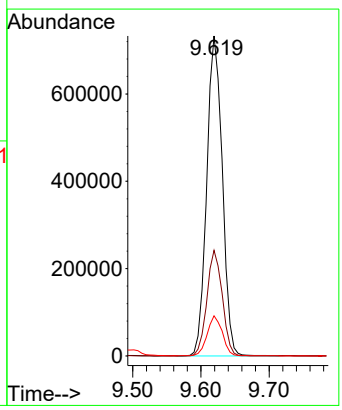


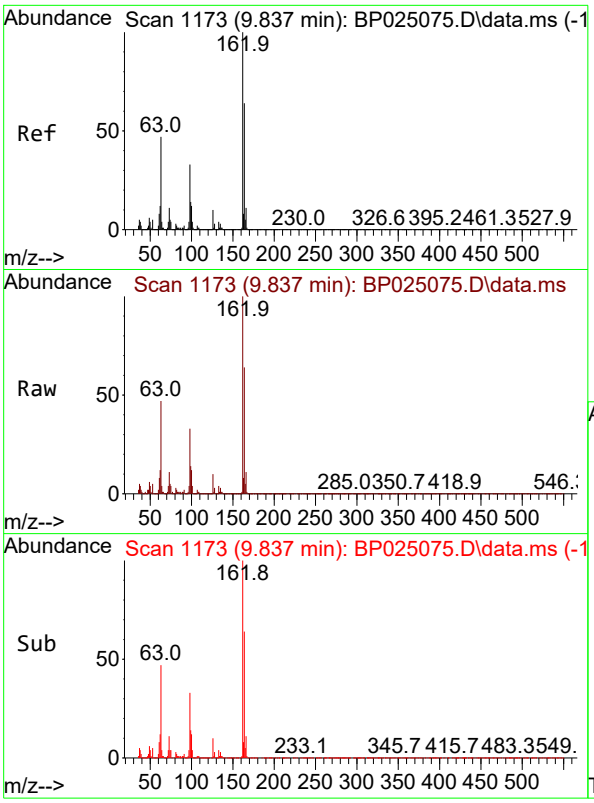


#28
bis(2-Chloroethoxy)methane
Concen: 39.172 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



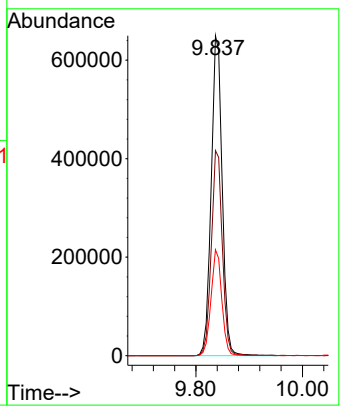


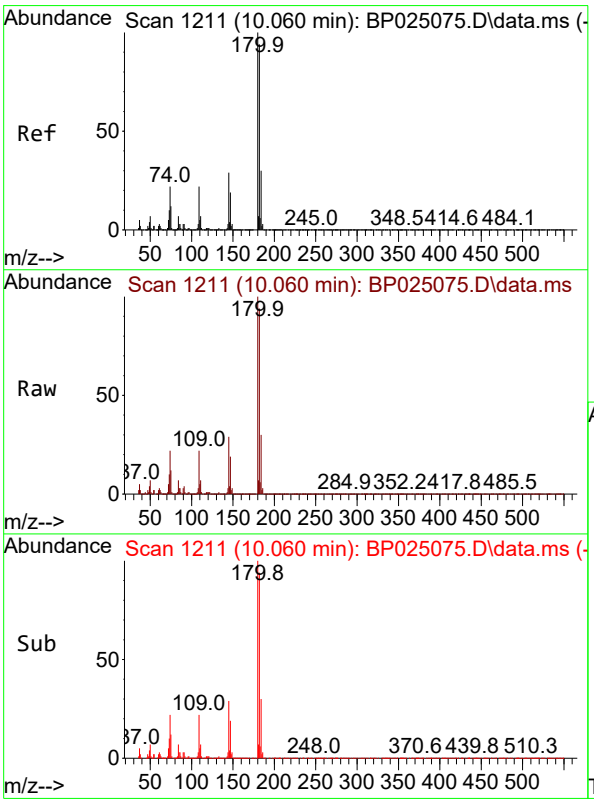
#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

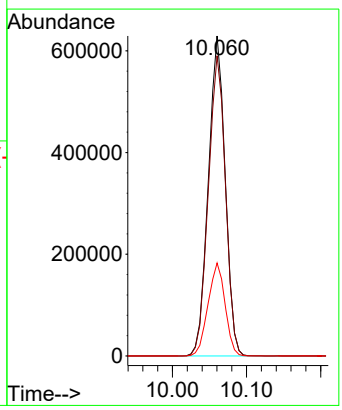


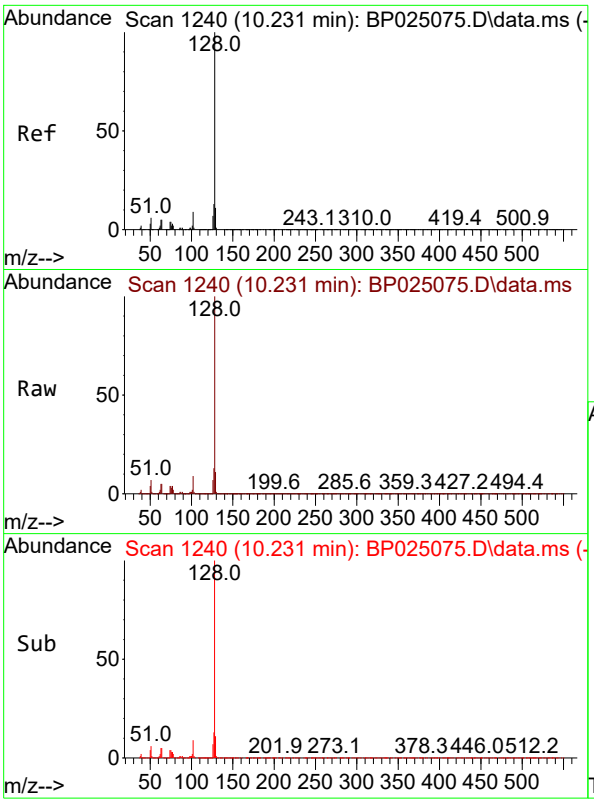


#30
1,2,4-Trichlorobenzene
Concen: 39.625 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



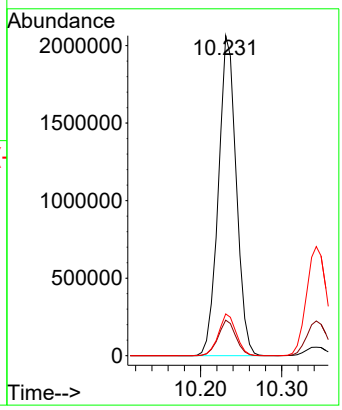


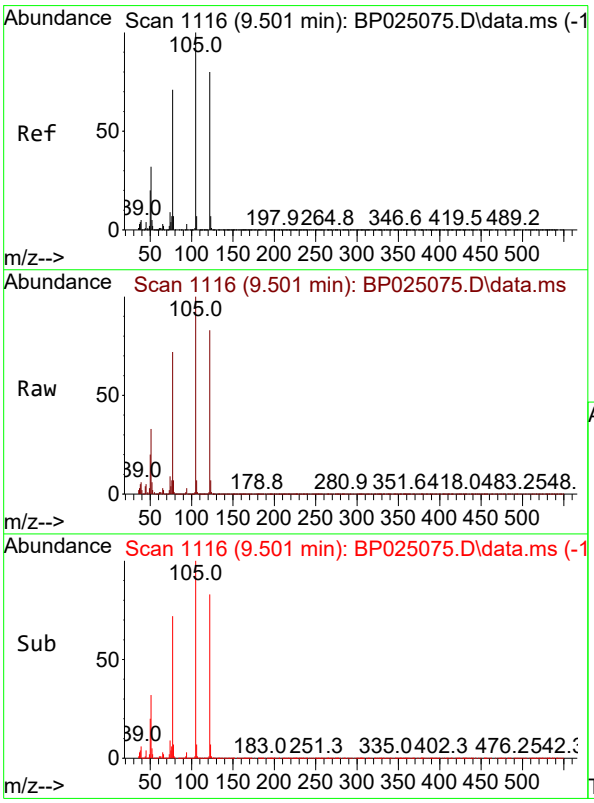
#31
Naphthalene
Concen: 39.276 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

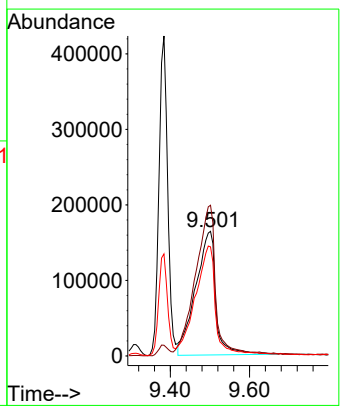


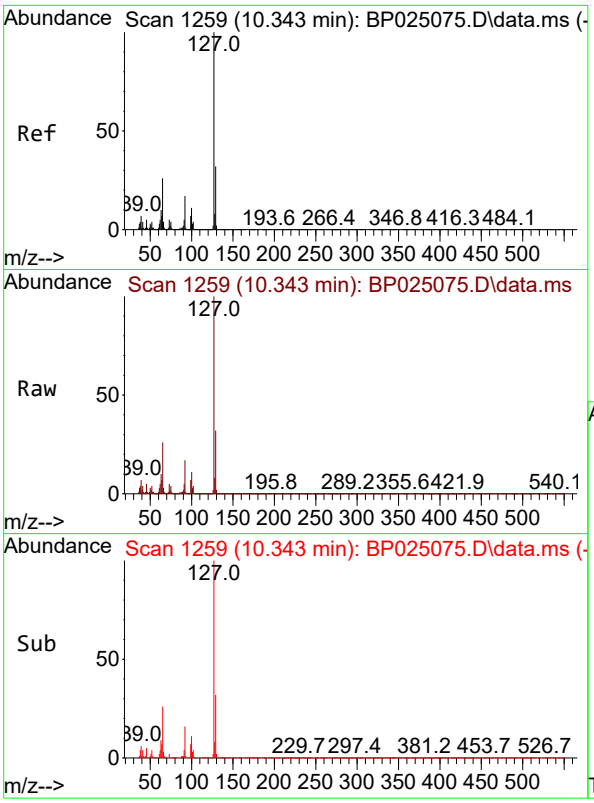


#32
Benzoic acid
Concen: 38.533 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



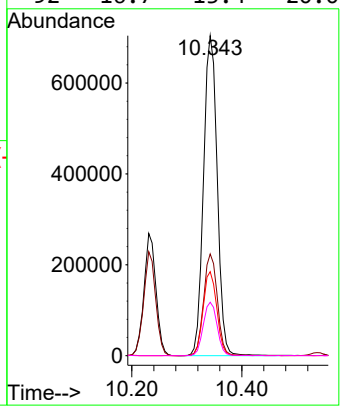


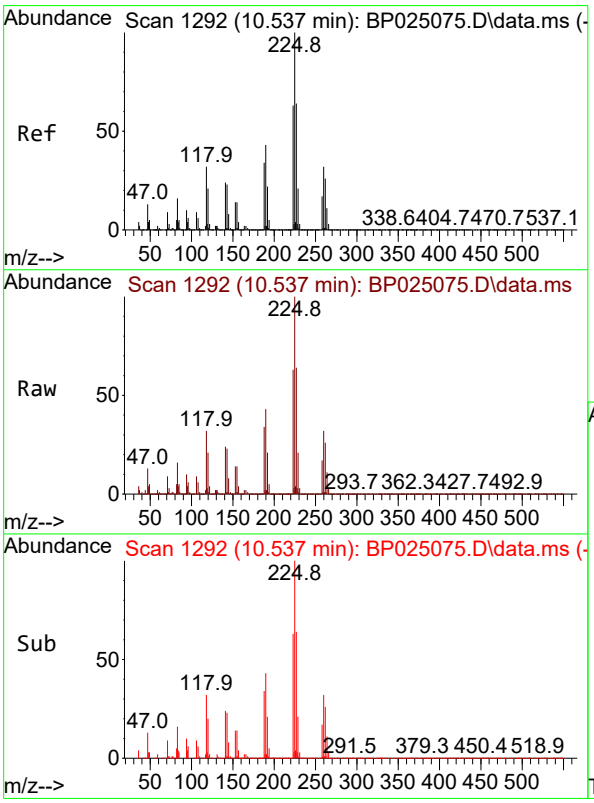
#33
4-Chloroaniline
Concen: 40.595 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

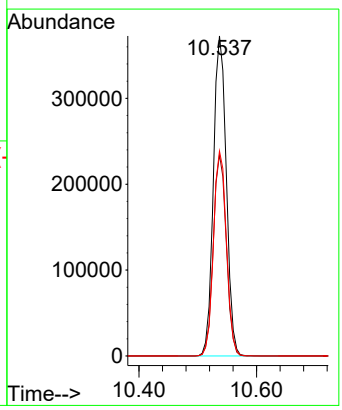


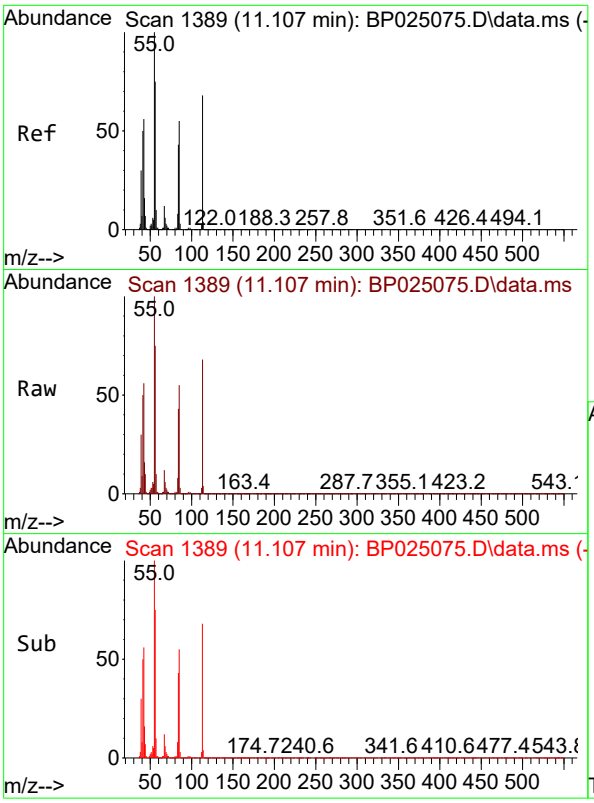


#34
Hexachlorobutadiene
Concen: 39.409 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



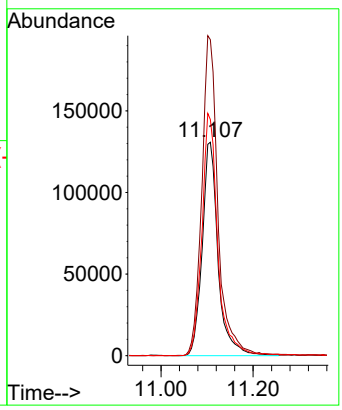


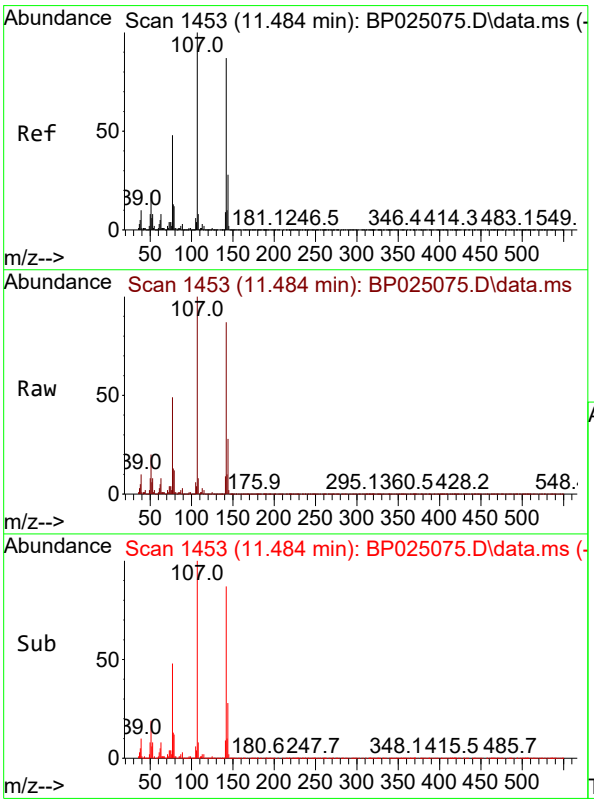
#35
Caprolactam
Concen: 40.469 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

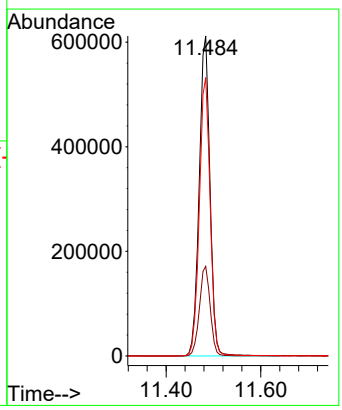


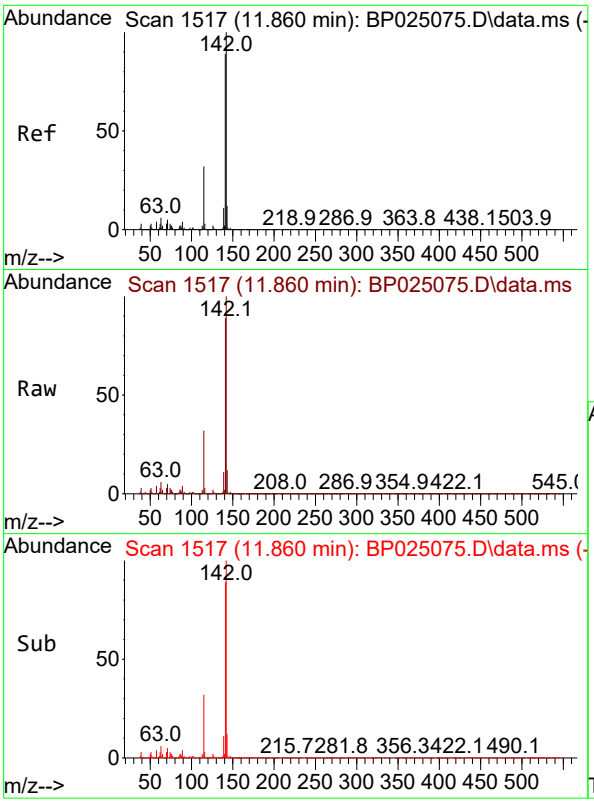


#36
4-Chloro-3-methylphenol
Concen: 40.733 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



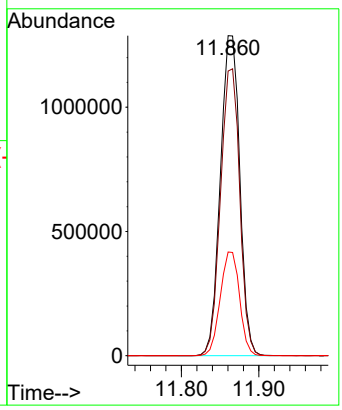


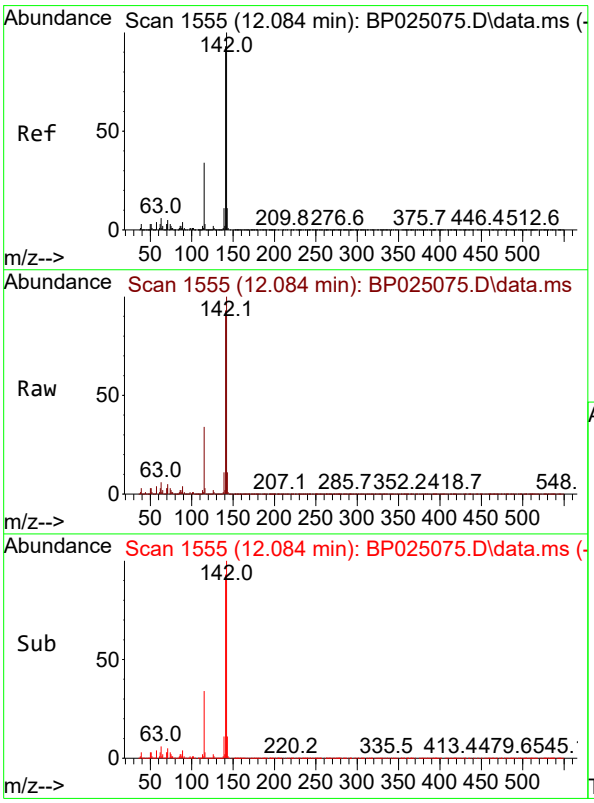
#37
2-Methylnaphthalene
Concen: 39.530 ng
RT: 11.860 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

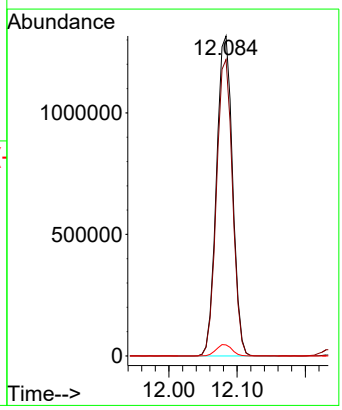


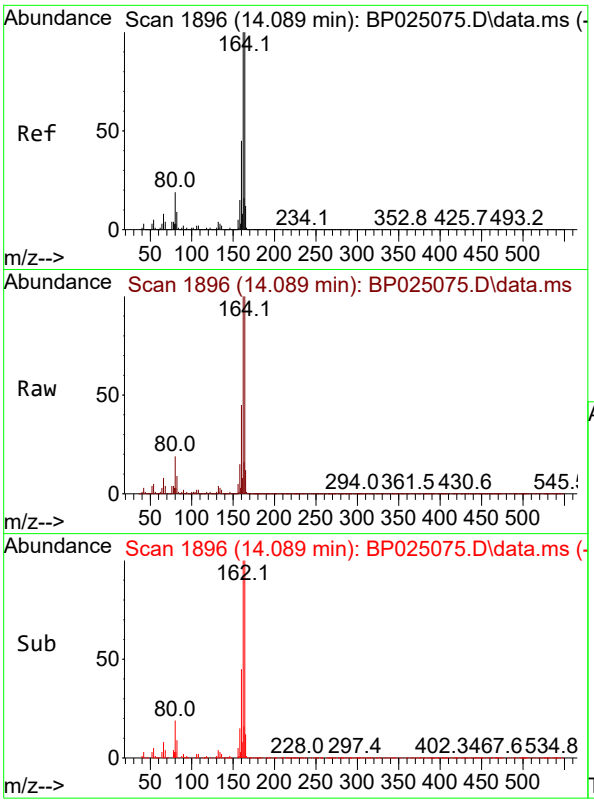


#38
1-Methylnaphthalene
Concen: 39.054 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



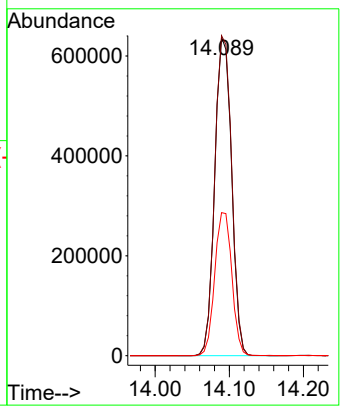


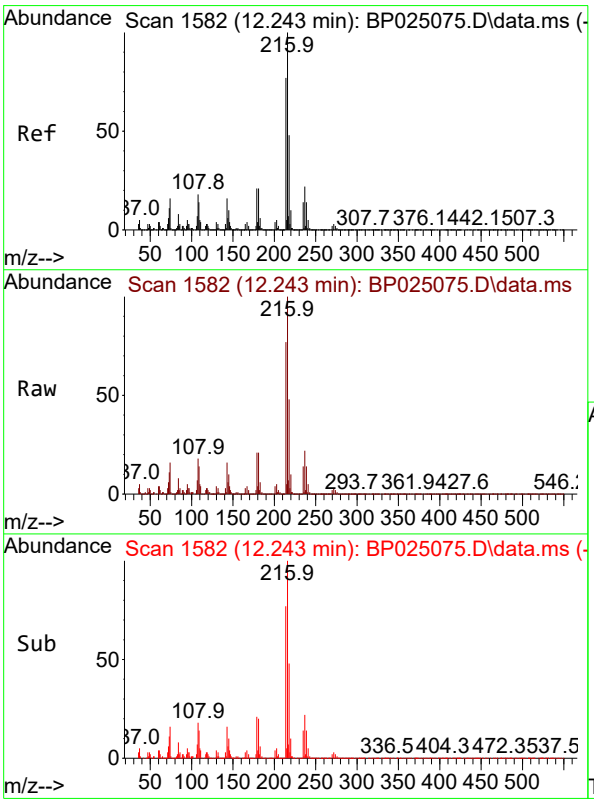
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

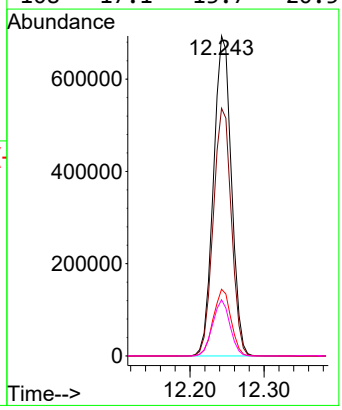


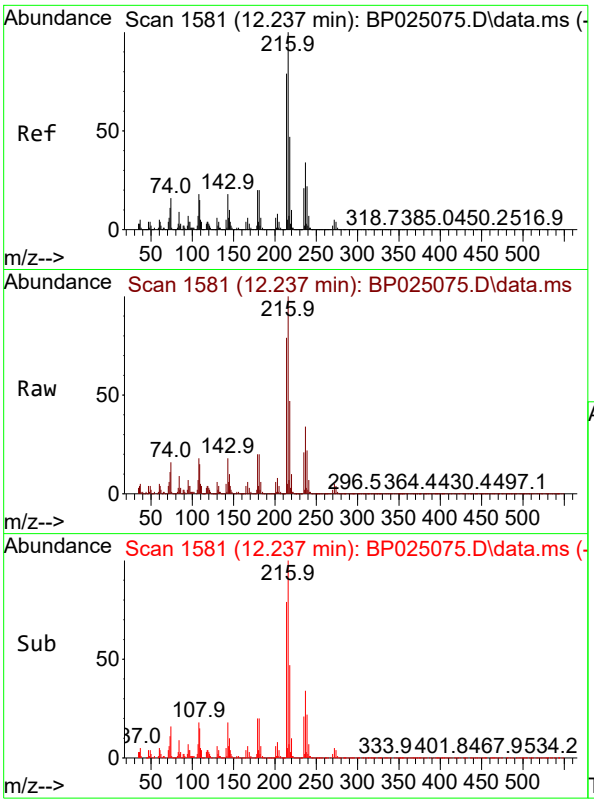


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.396 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



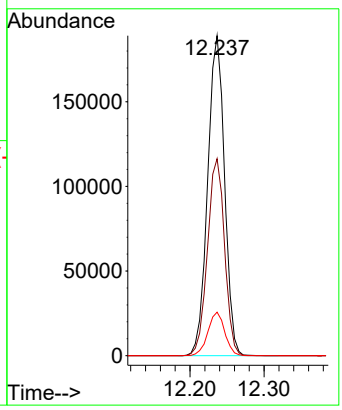


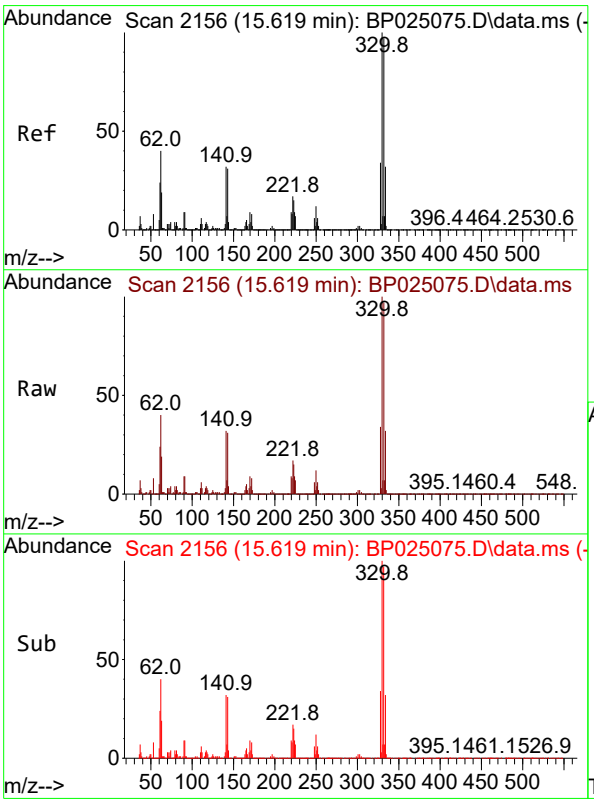
#41
Hexachlorocyclopentadiene
Concen: 39.695 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

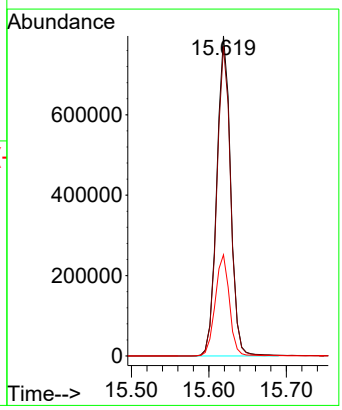


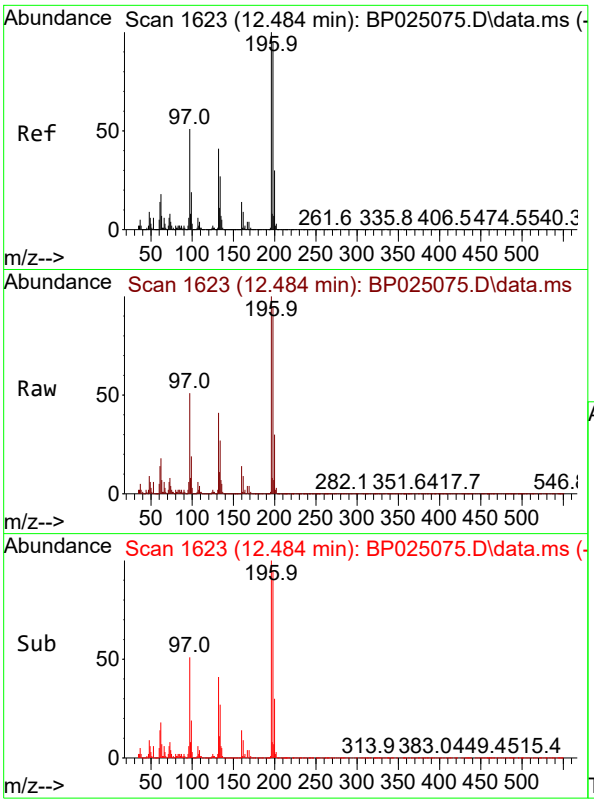


#42
2,4,6-Tribromophenol
Concen: 83.301 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



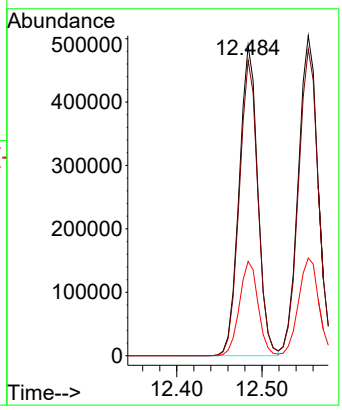


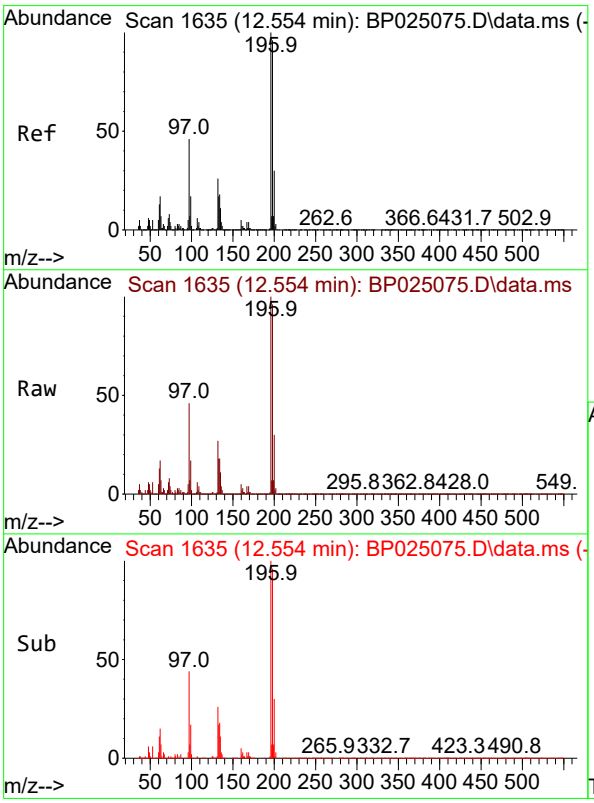
#43
2,4,6-Trichlorophenol
Concen: 42.497 ng
RT: 12.484 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

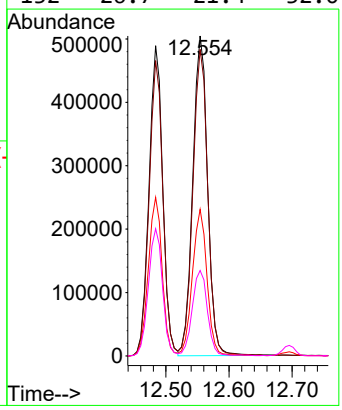


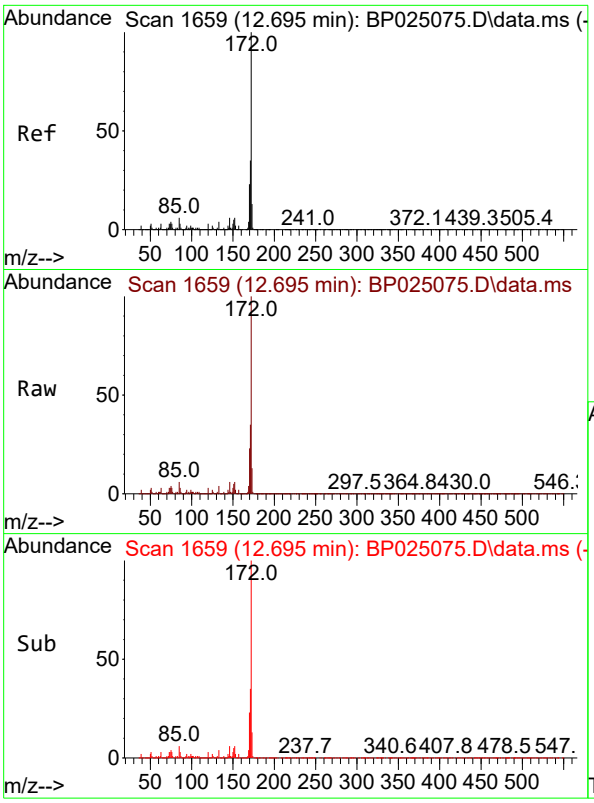


#44
2,4,5-Trichlorophenol
Concen: 41.668 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



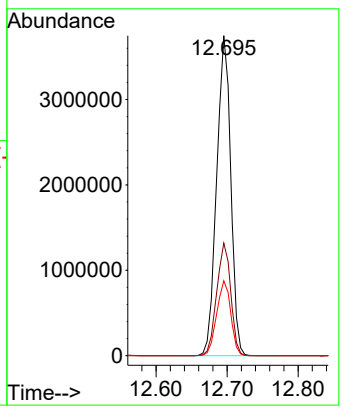


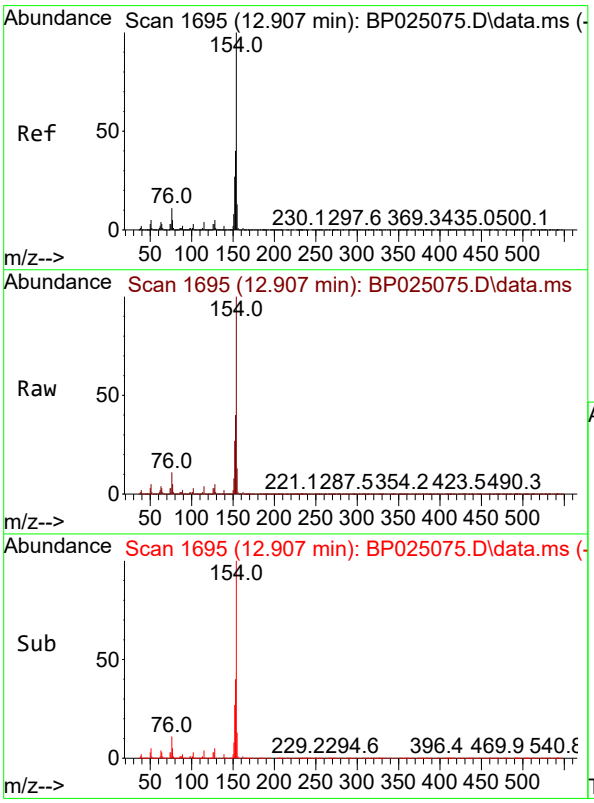
#45
2-Fluorobiphenyl
Concen: 79.265 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

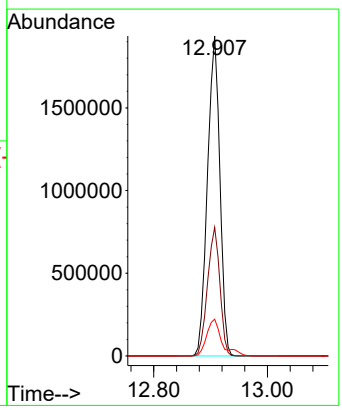


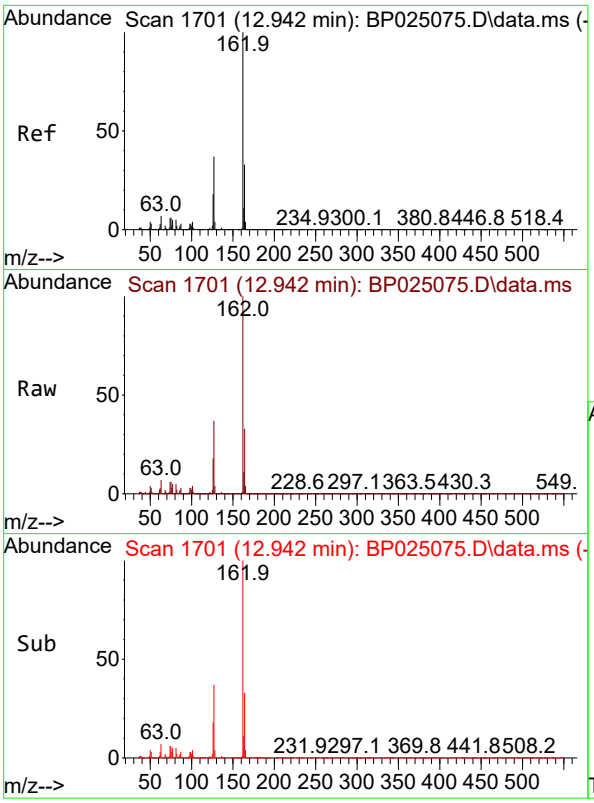


#46
1,1'-Biphenyl
Concen: 39.957 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



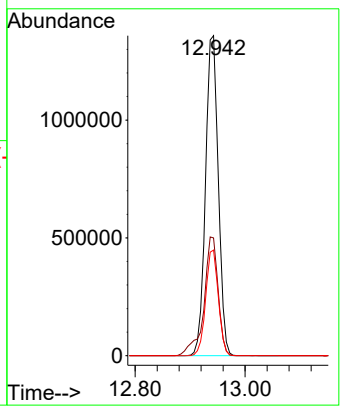


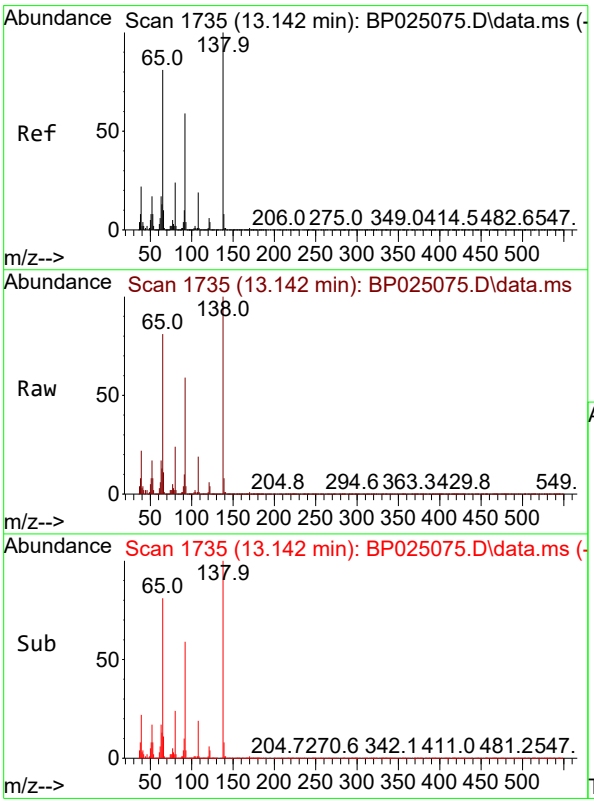
#47
2-Chloronaphthalene
Concen: 39.891 ng
RT: 12.942 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

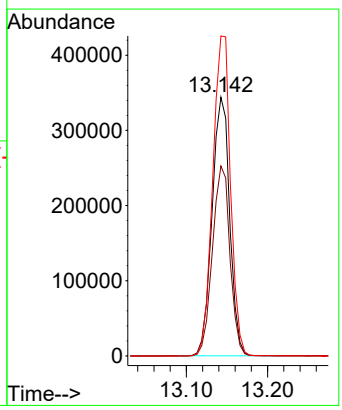


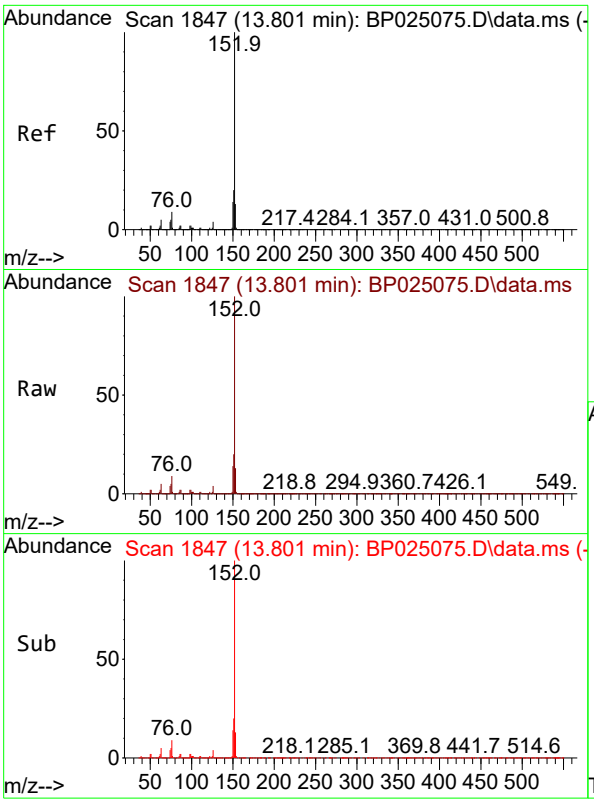


#48
2-Nitroaniline
Concen: 39.182 ng
RT: 13.142 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



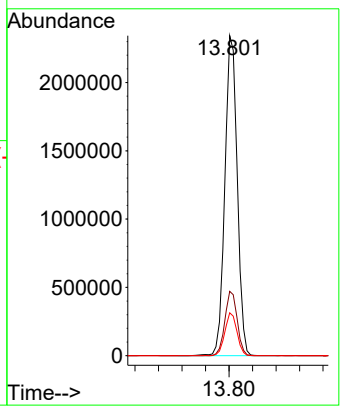


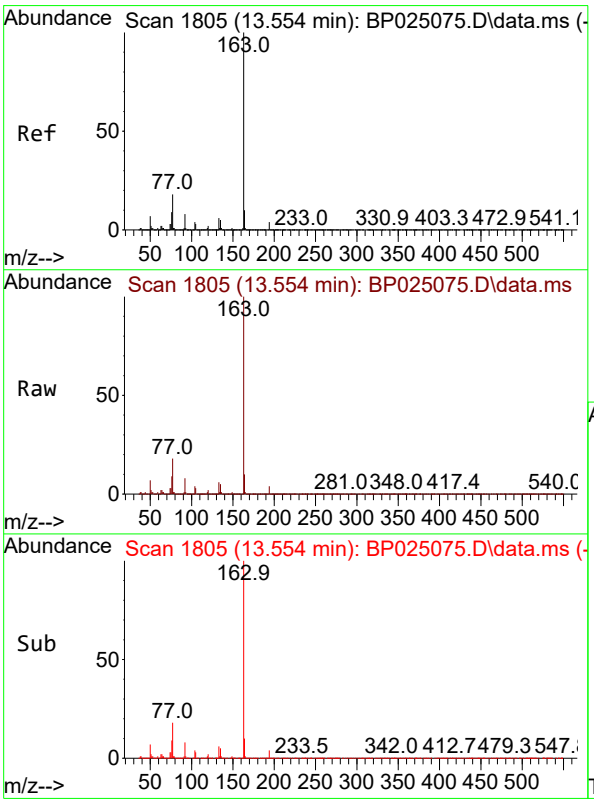
#49
Acenaphthylene
Concen: 40.657 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

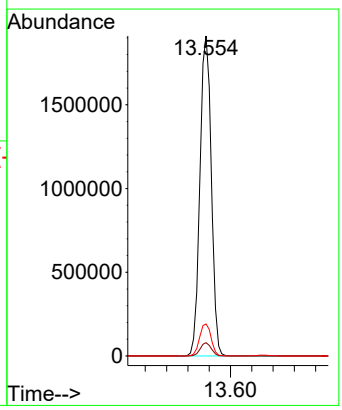


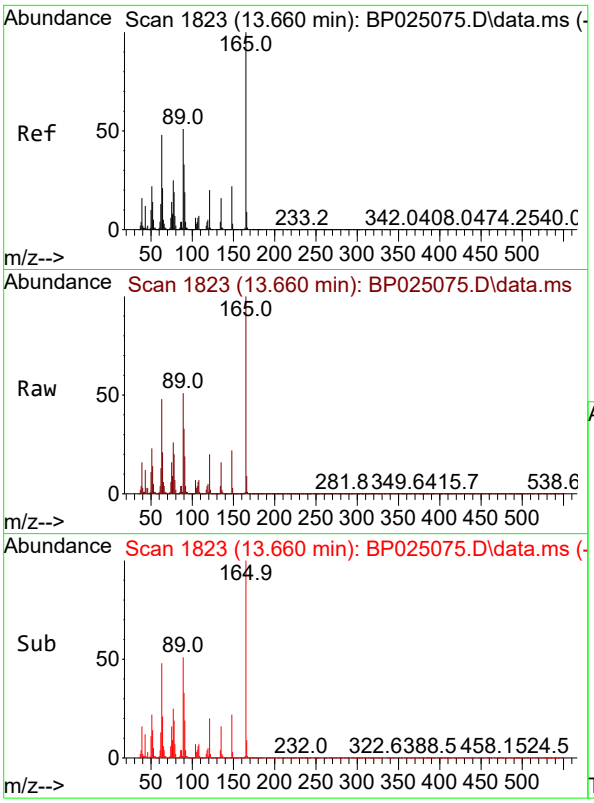


#50
Dimethylphthalate
Concen: 40.234 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



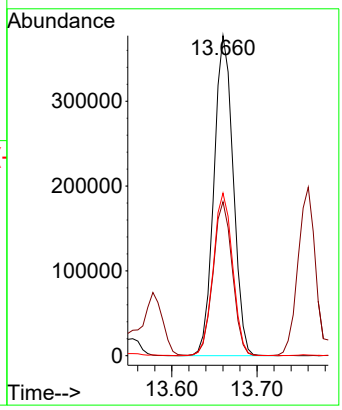


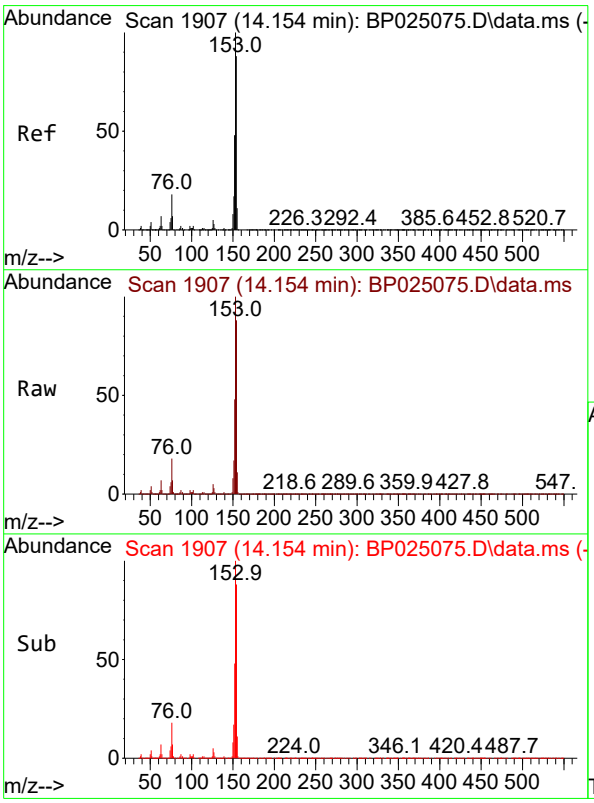
#51
2,6-Dinitrotoluene
Concen: 43.253 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

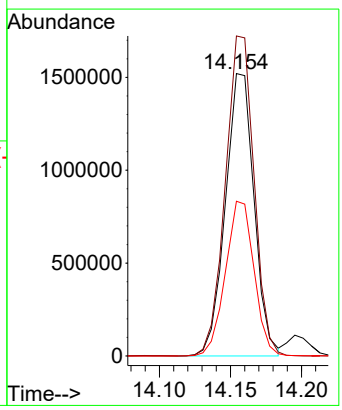


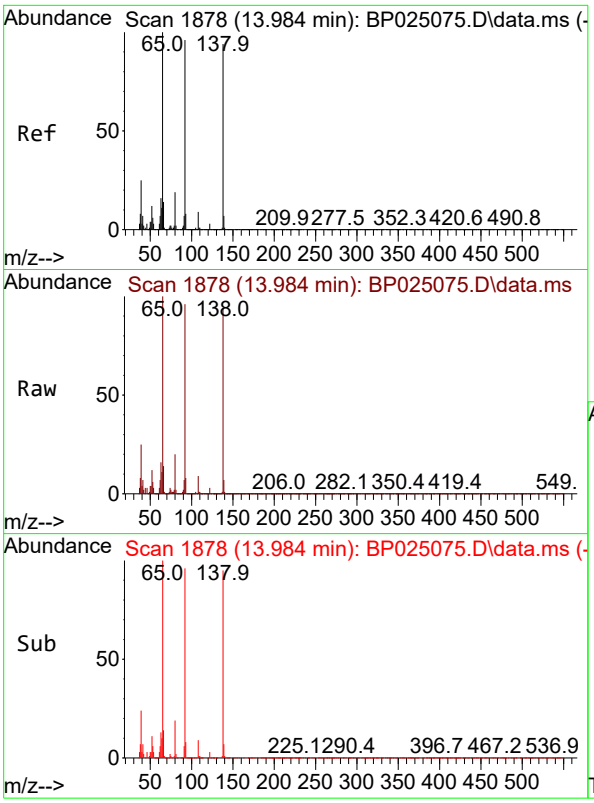


#52
Acenaphthene
Concen: 39.537 ng
RT: 14.154 min Scan# 1907
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



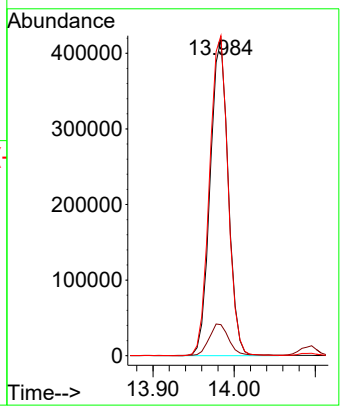


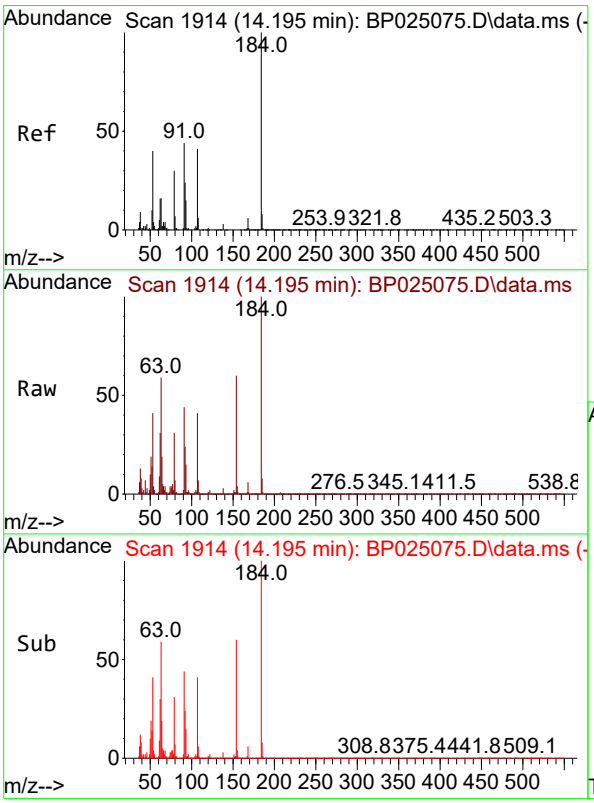
#53
3-Nitroaniline
Concen: 43.937 ng
RT: 13.984 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

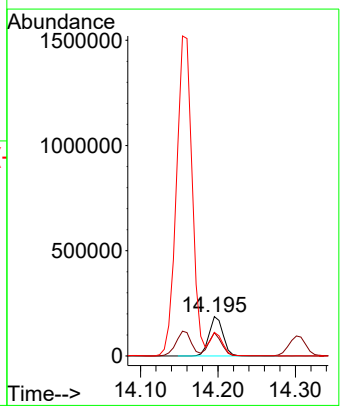


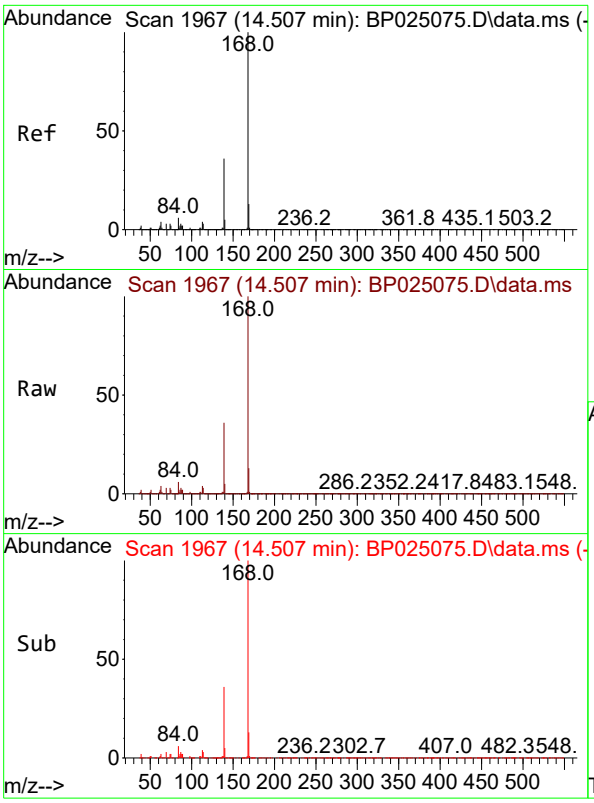


#54
2,4-Dinitrophenol
Concen: 38.110 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



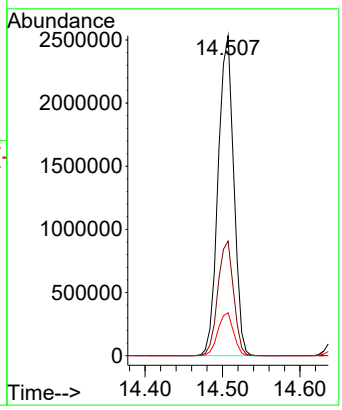


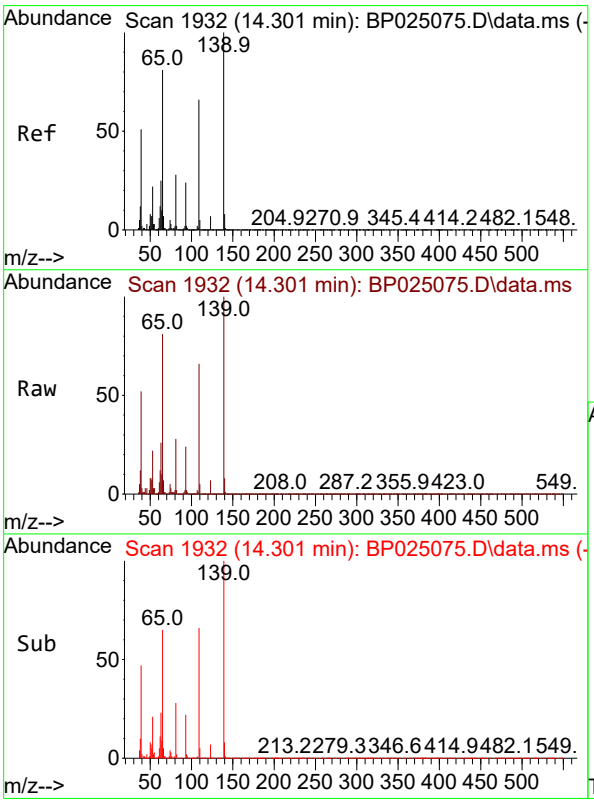
#55
Dibenzofuran
Concen: 39.719 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

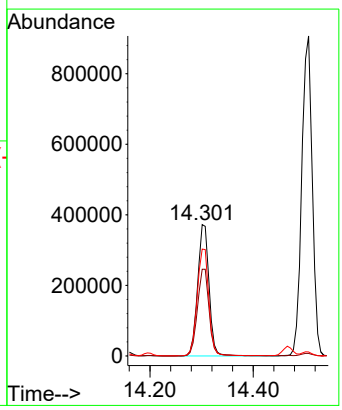


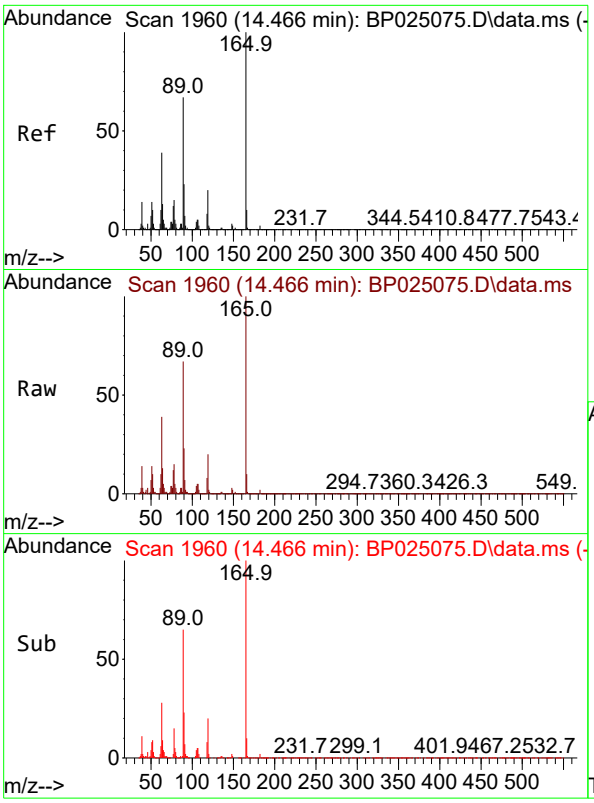


#56
4-Nitrophenol
Concen: 42.263 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



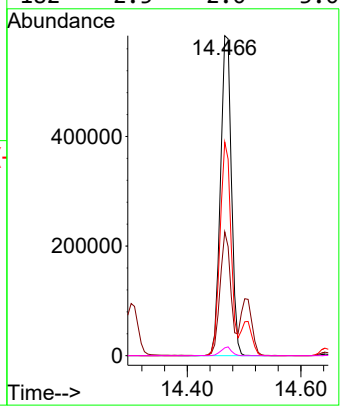


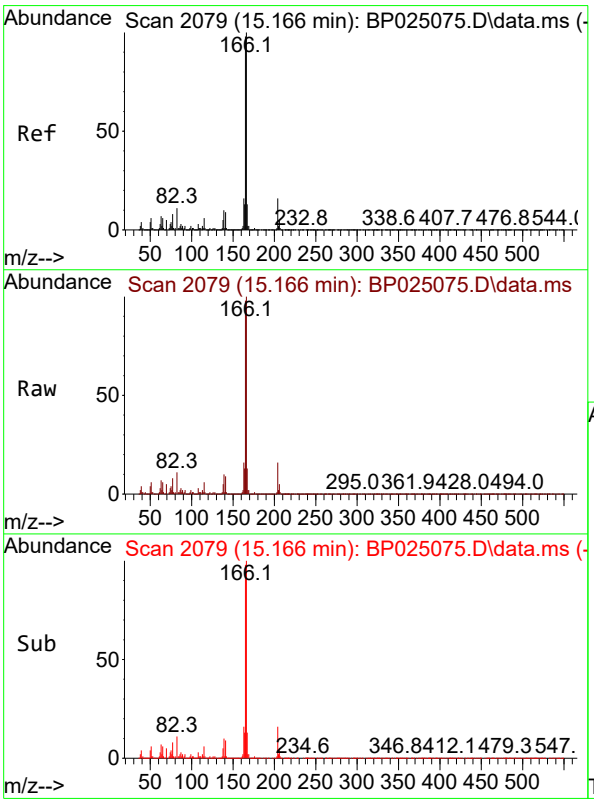
#57
2,4-Dinitrotoluene
Concen: 39.572 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

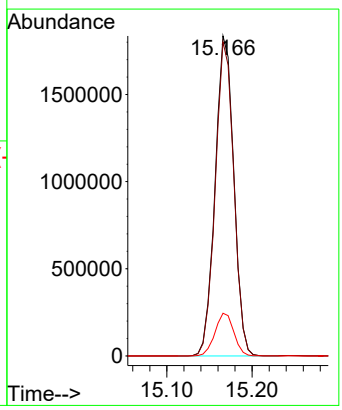


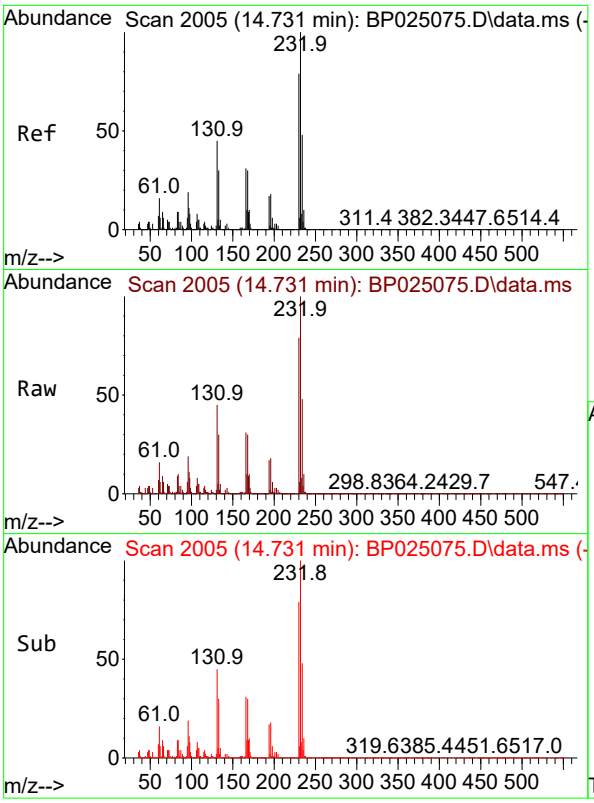


#58
Fluorene
Concen: 40.454 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



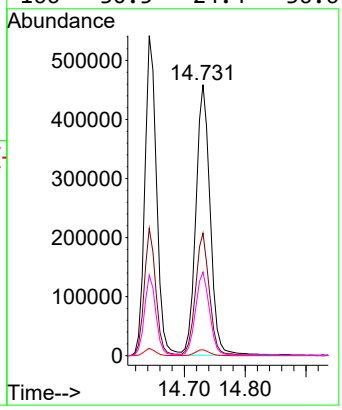


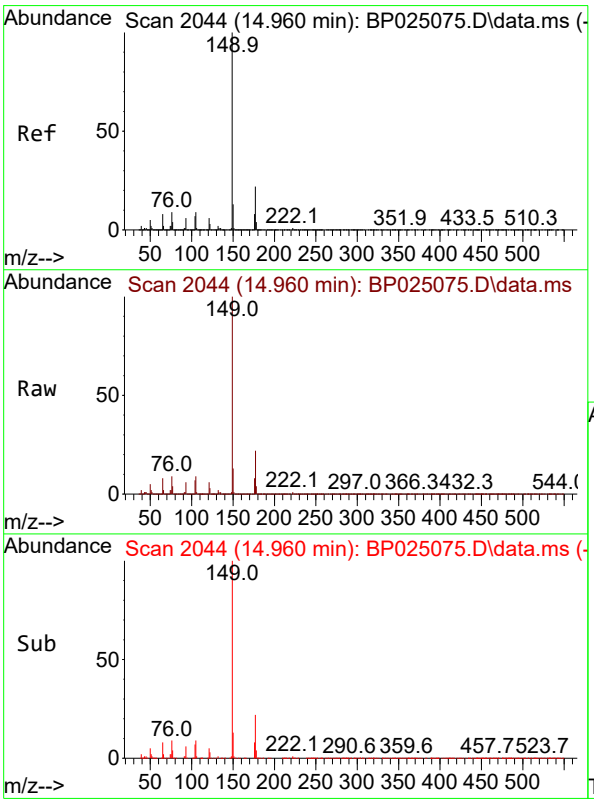
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.458 ng
RT: 14.731 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

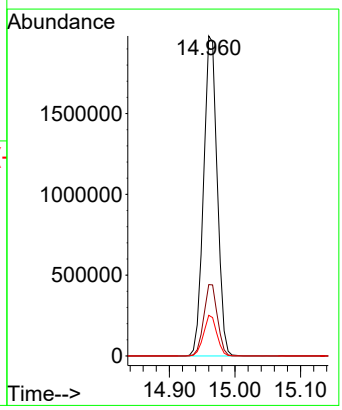


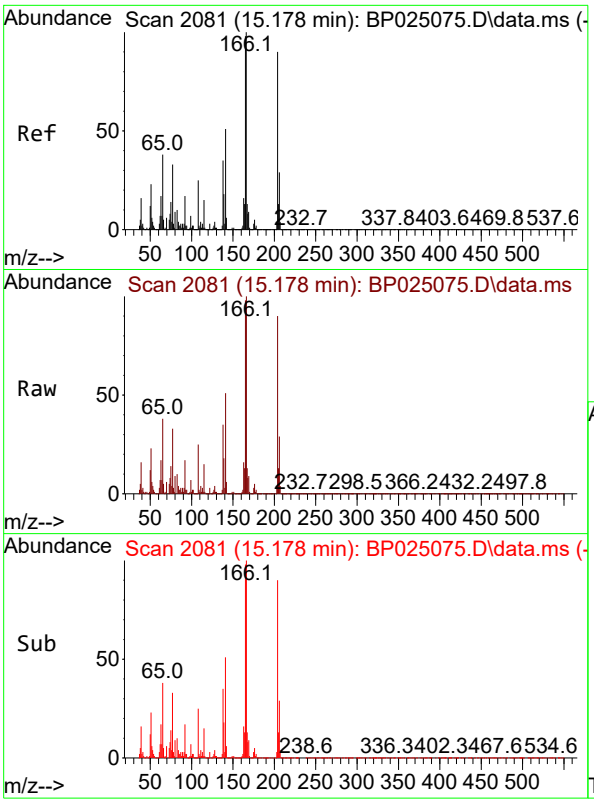


#60
Diethylphthalate
Concen: 40.639 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



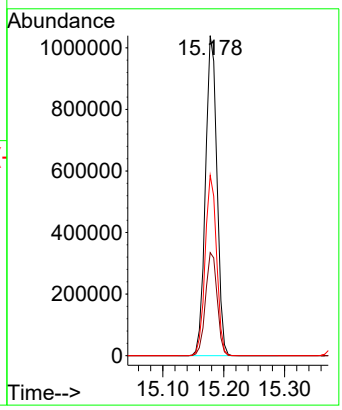


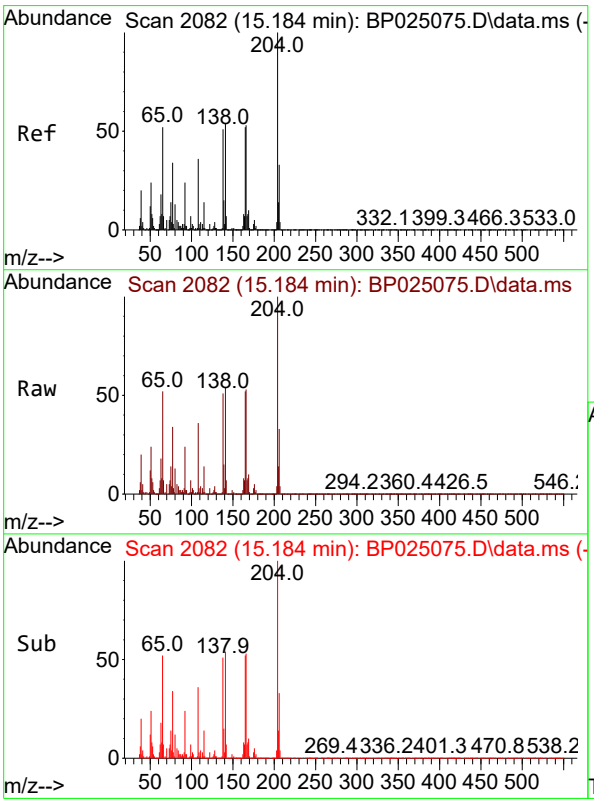
#61
4-Chlorophenyl-phenylether
Concen: 39.829 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

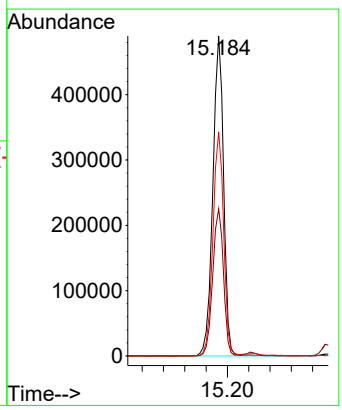


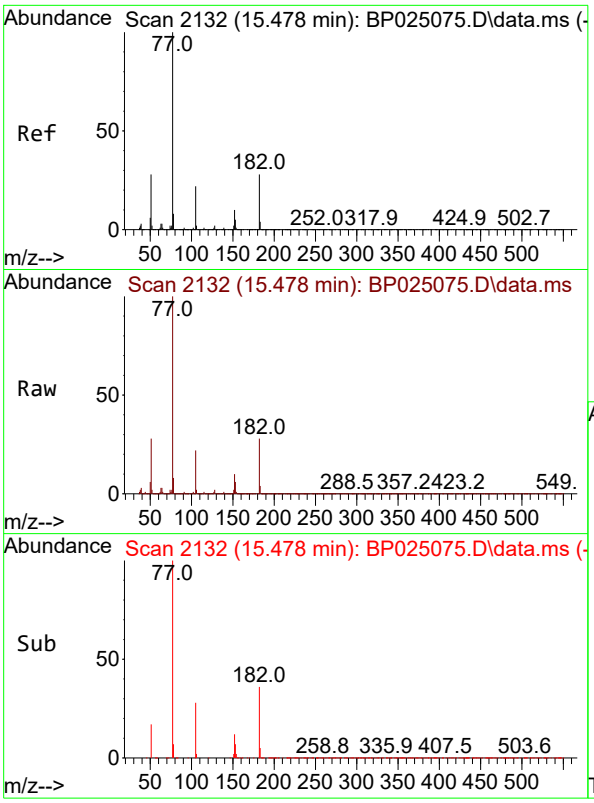


#62
4-Nitroaniline
Concen: 44.618 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



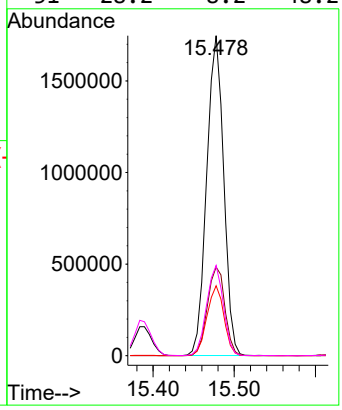


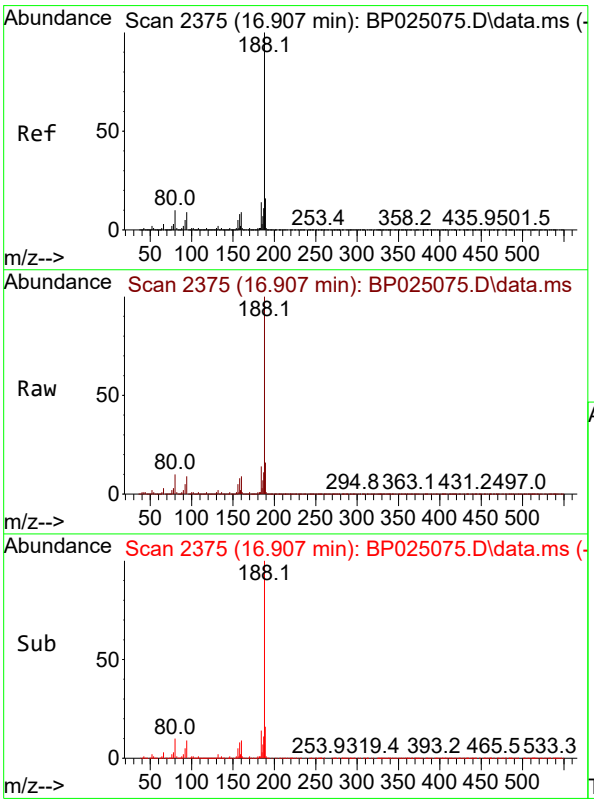
#63
Azobenzene
Concen: 40.400 ng
RT: 15.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

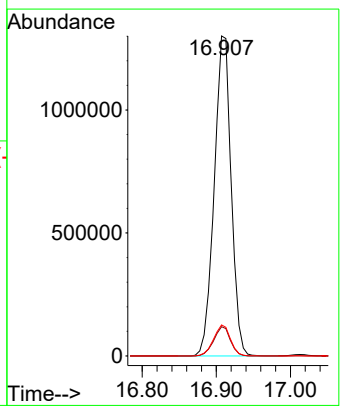


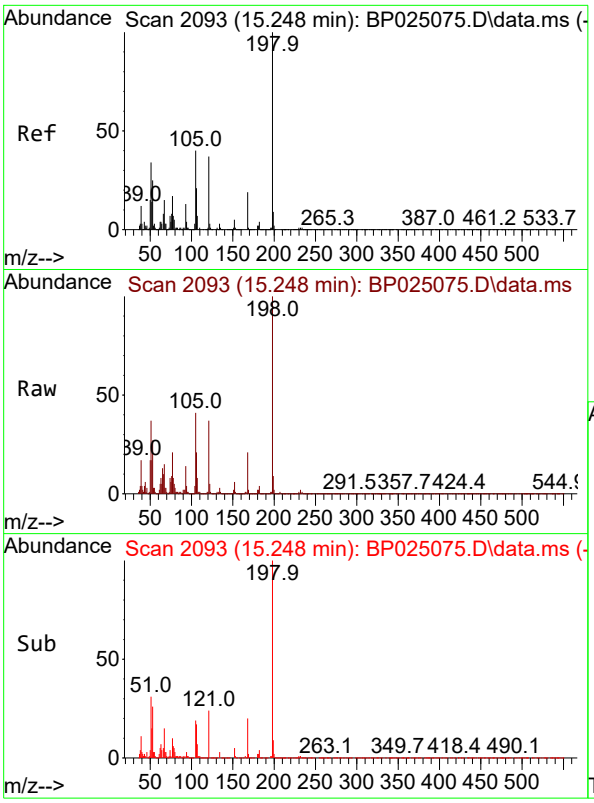


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



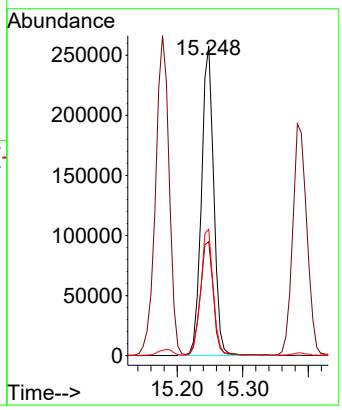


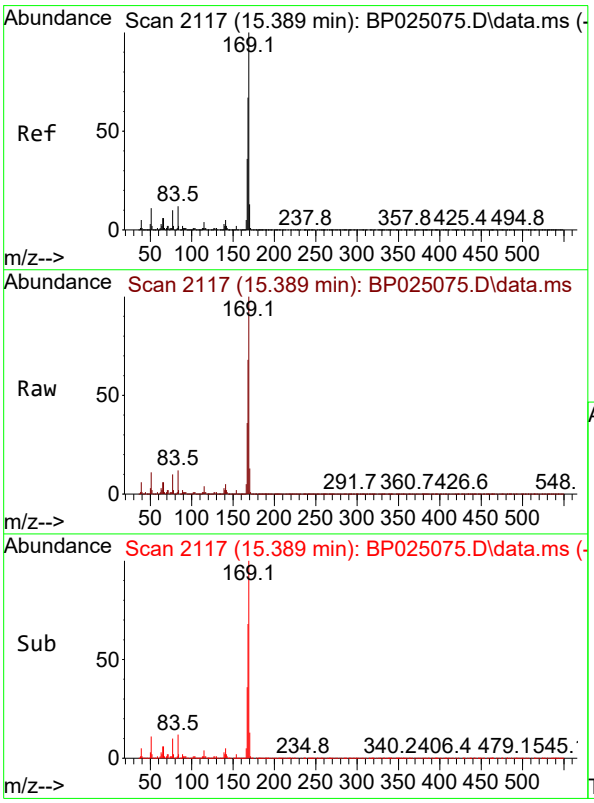
#65
4,6-Dinitro-2-methylphenol
Concen: 37.190 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

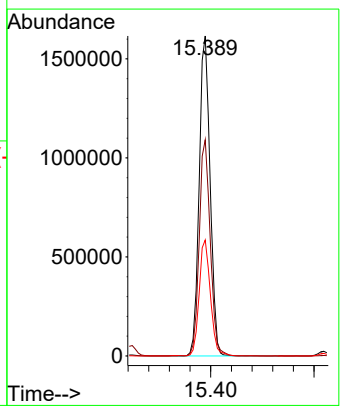


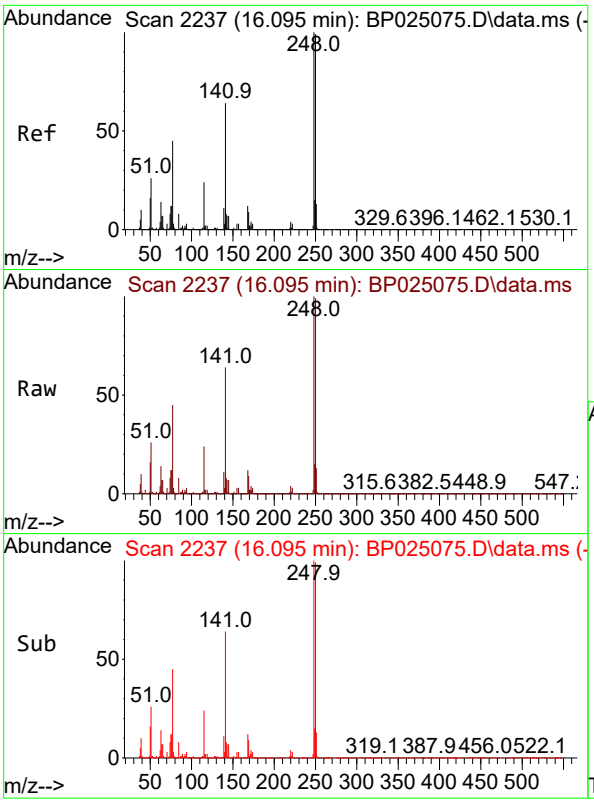


#66
n-Nitrosodiphenylamine
Concen: 40.069 ng
RT: 15.389 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



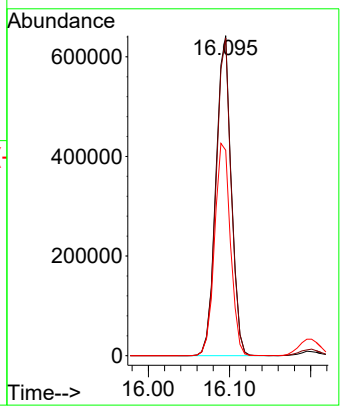


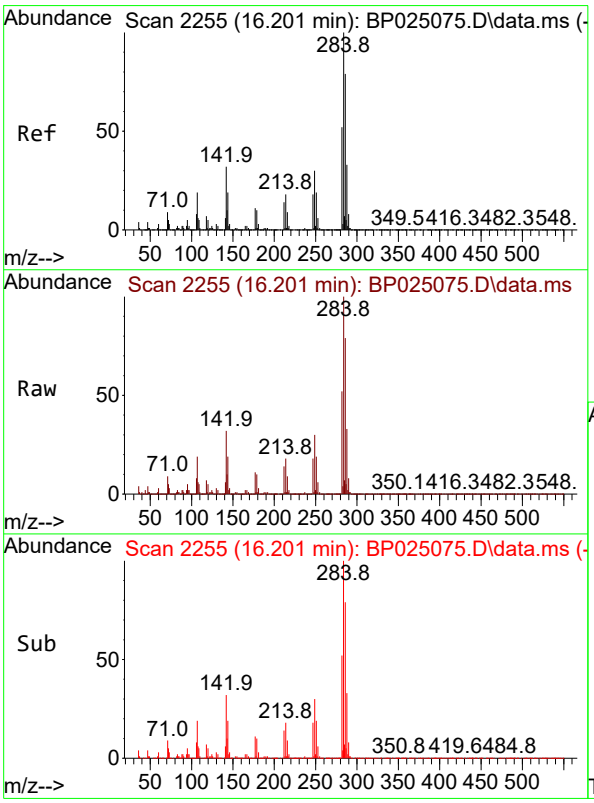
#67
4-Bromophenyl-phenylether
Concen: 39.961 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

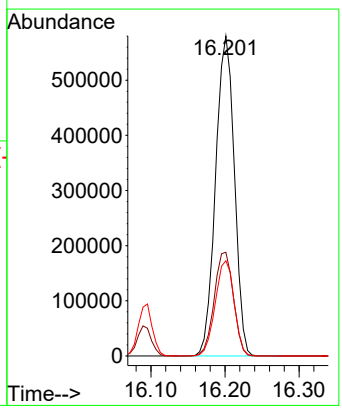


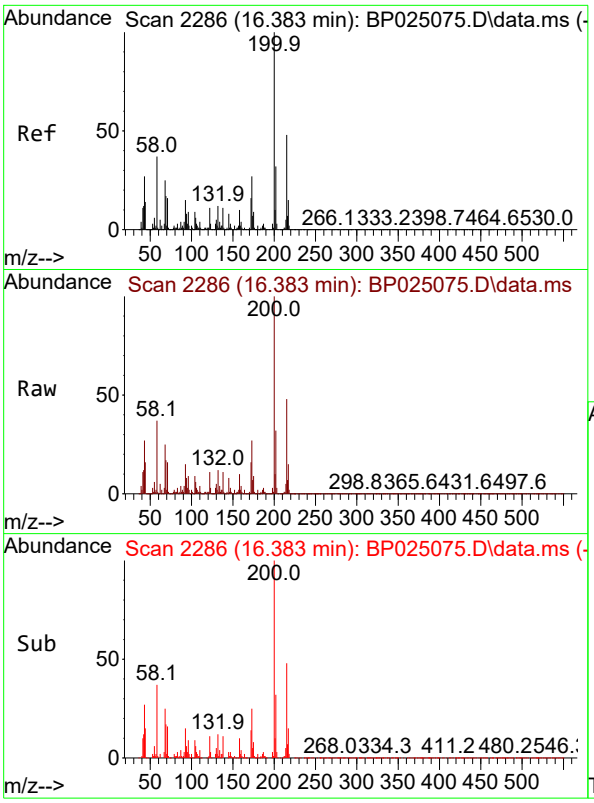


#68
Hexachlorobenzene
Concen: 39.541 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



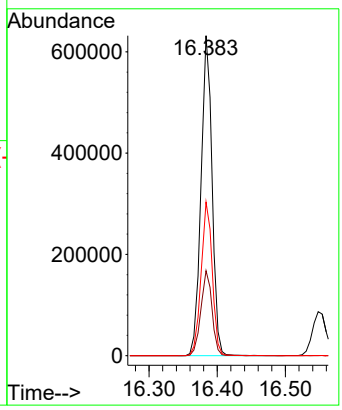


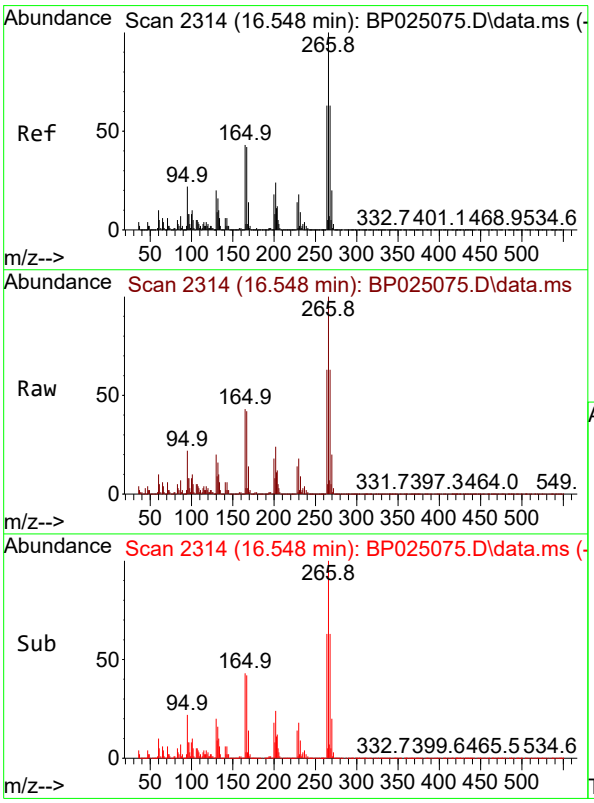
#69
Atrazine
Concen: 41.121 ng
RT: 16.383 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

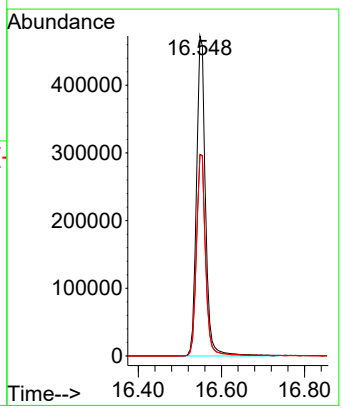


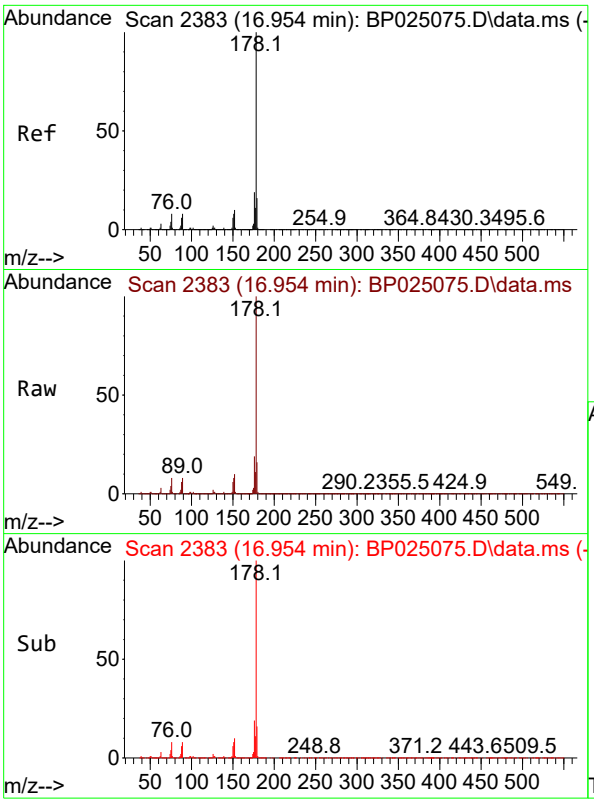


#70
Pentachlorophenol
Concen: 40.604 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



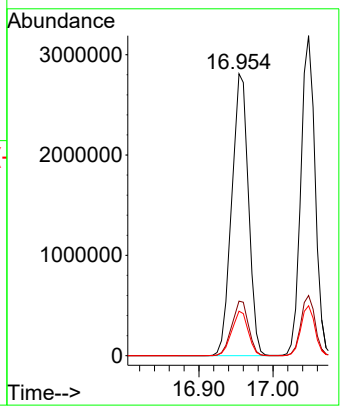


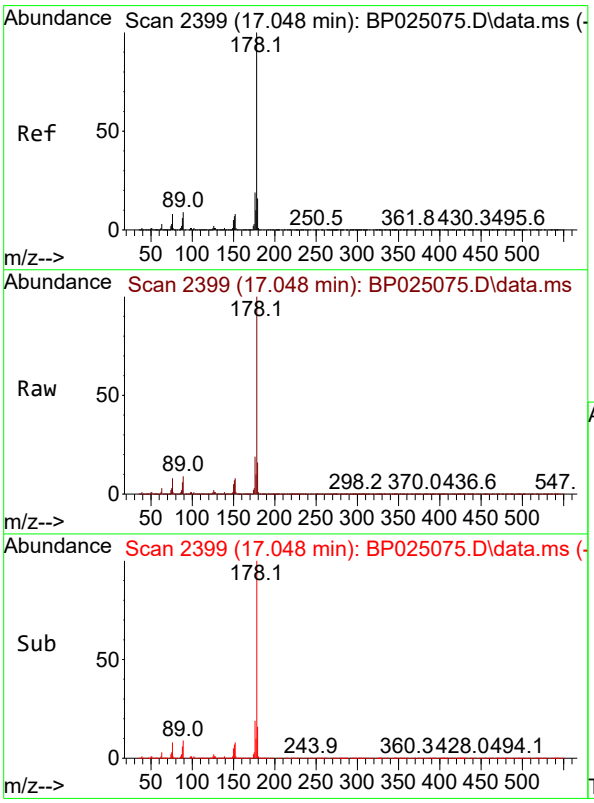
#71
Phenanthrene
Concen: 39.993 ng
RT: 16.954 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

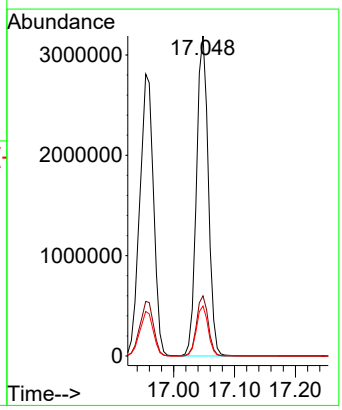


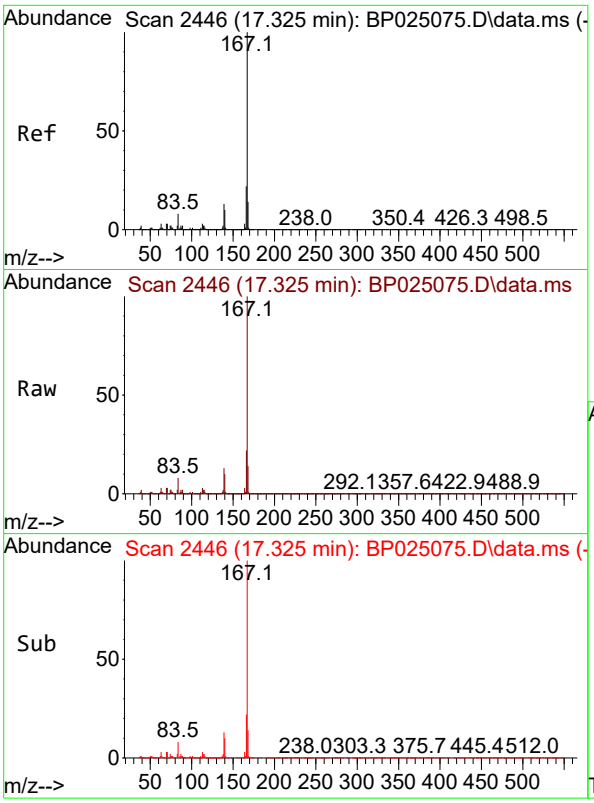


#72
Anthracene
Concen: 40.434 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



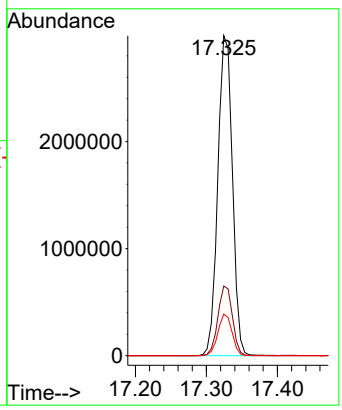


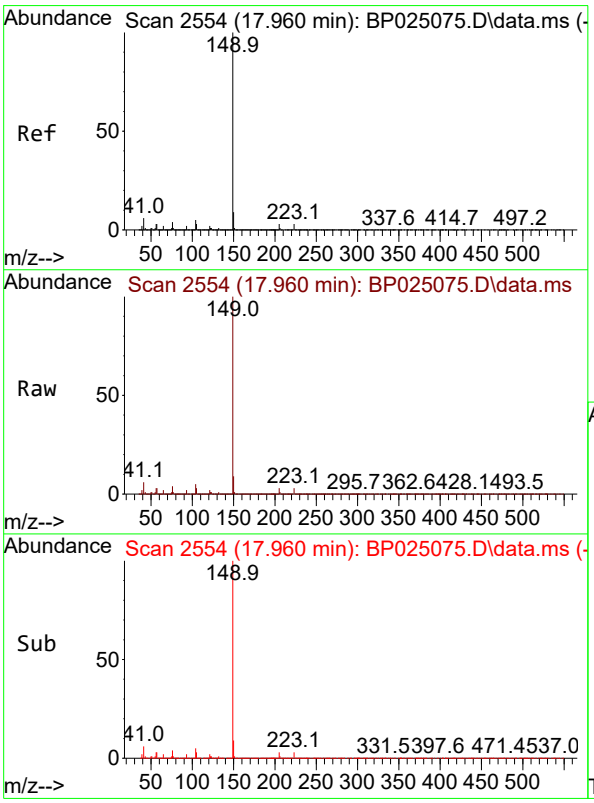
#73
Carbazole
Concen: 41.064 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

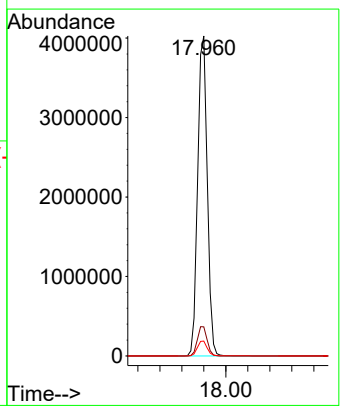


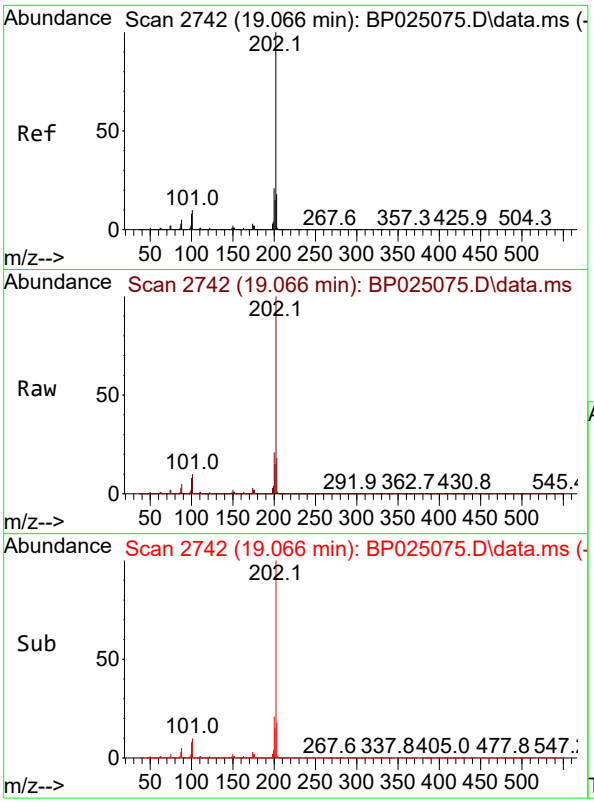


#74
Di-n-butylphthalate
Concen: 42.536 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



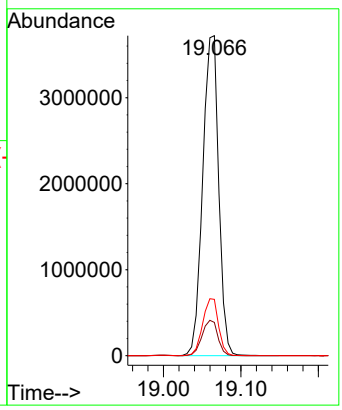


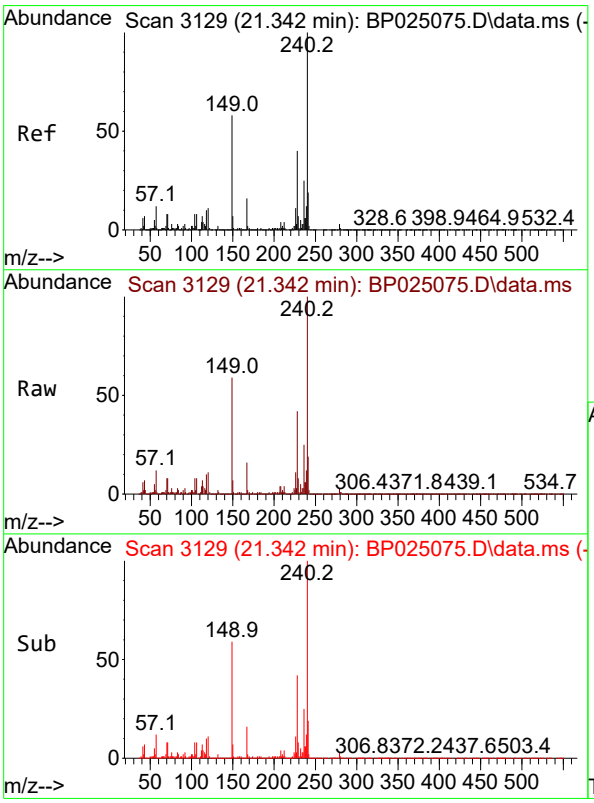
#75
Fluoranthene
Concen: 41.300 ng
RT: 19.066 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

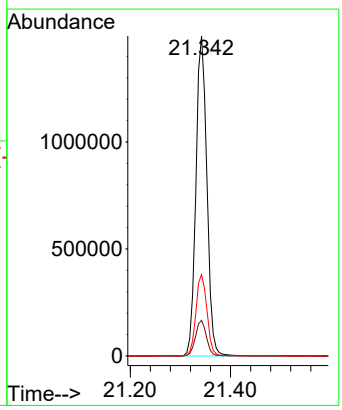


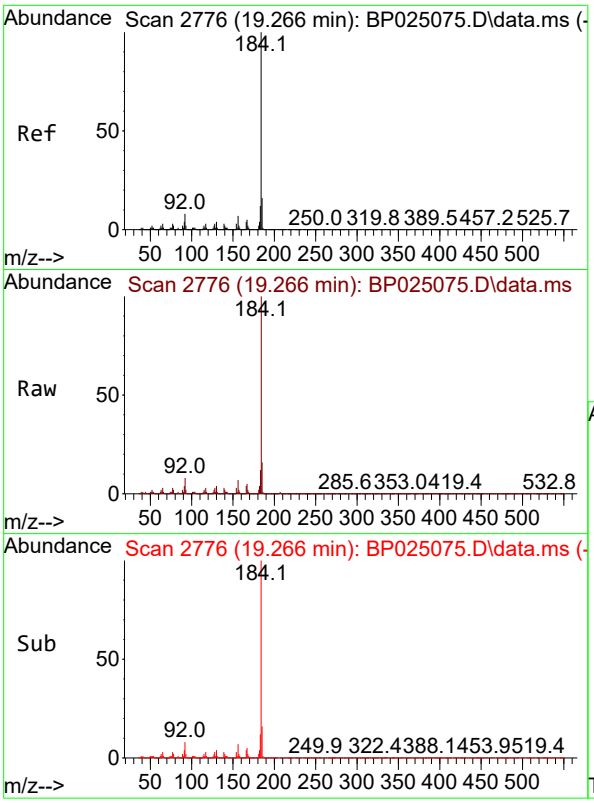


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



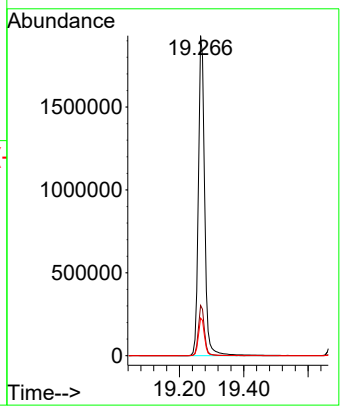


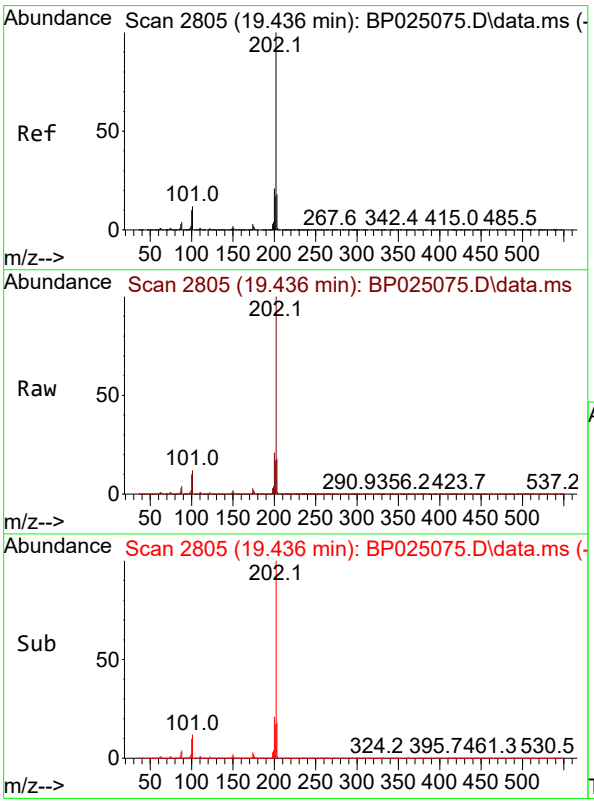
#77
Benzidine
Concen: 64.686 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

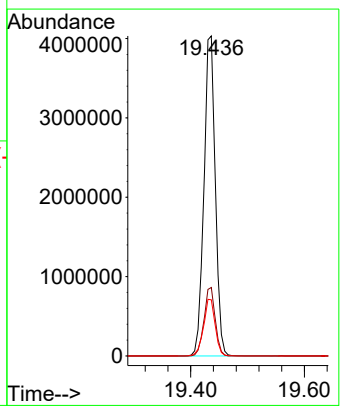


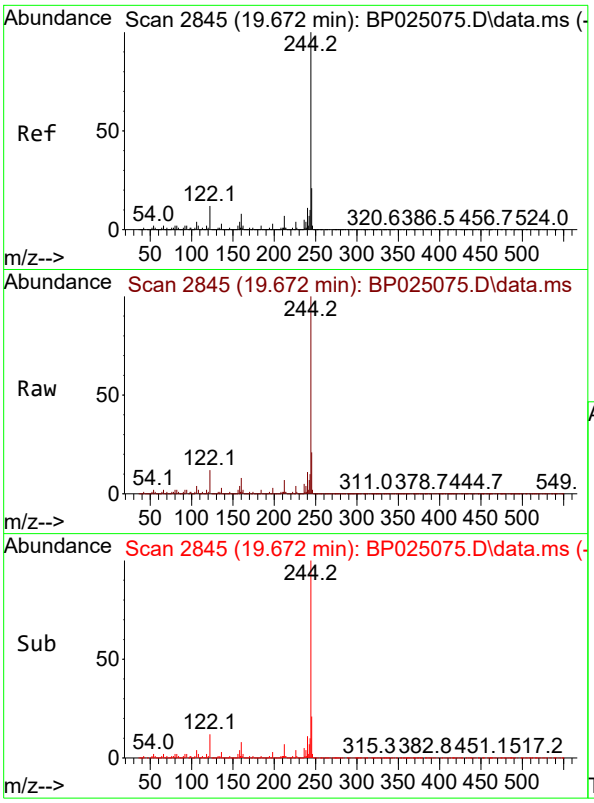


#78
Pyrene
Concen: 39.765 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



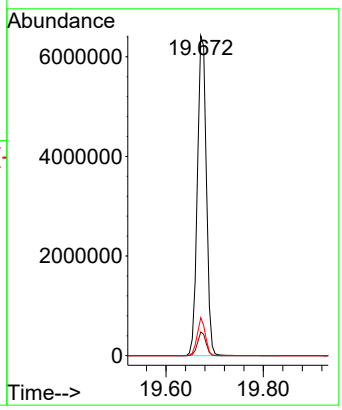


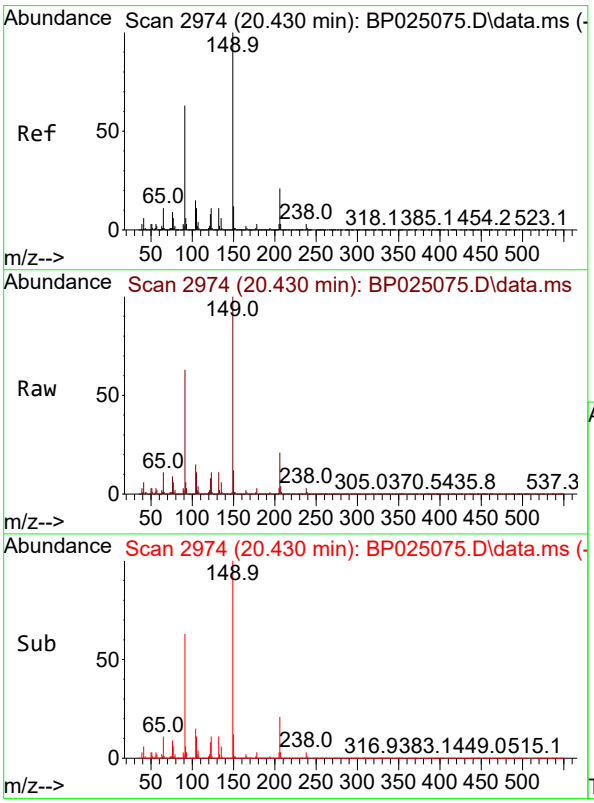
#79
Terphenyl-d14
Concen: 80.394 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

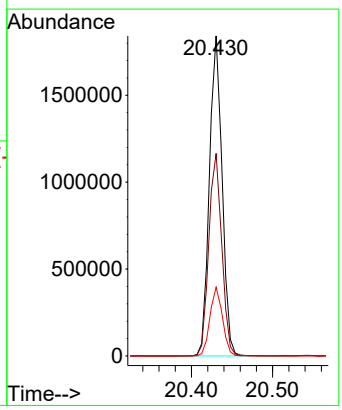


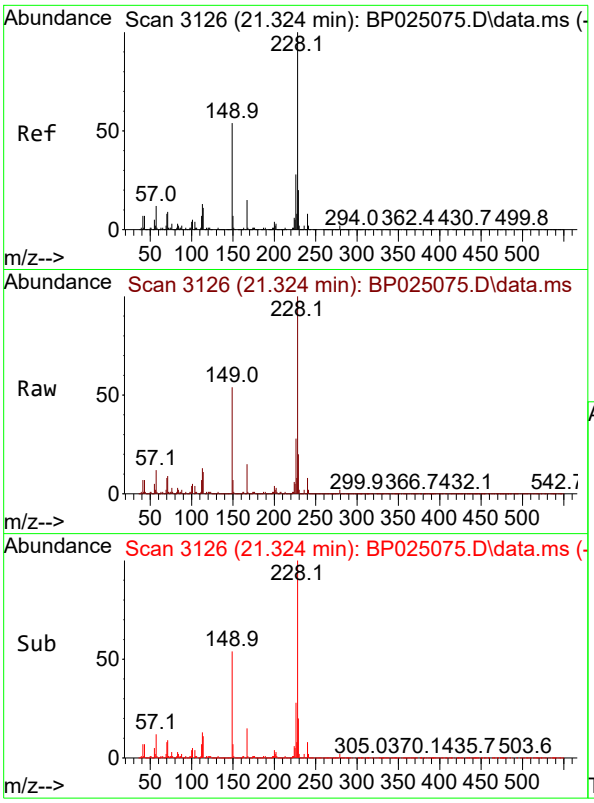


#80
Butylbenzylphthalate
Concen: 37.765 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



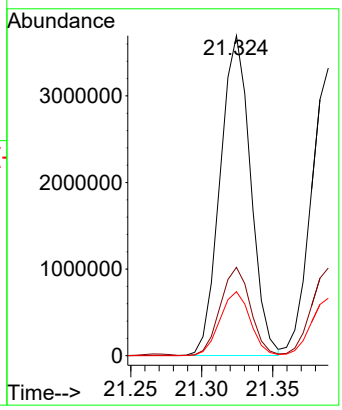


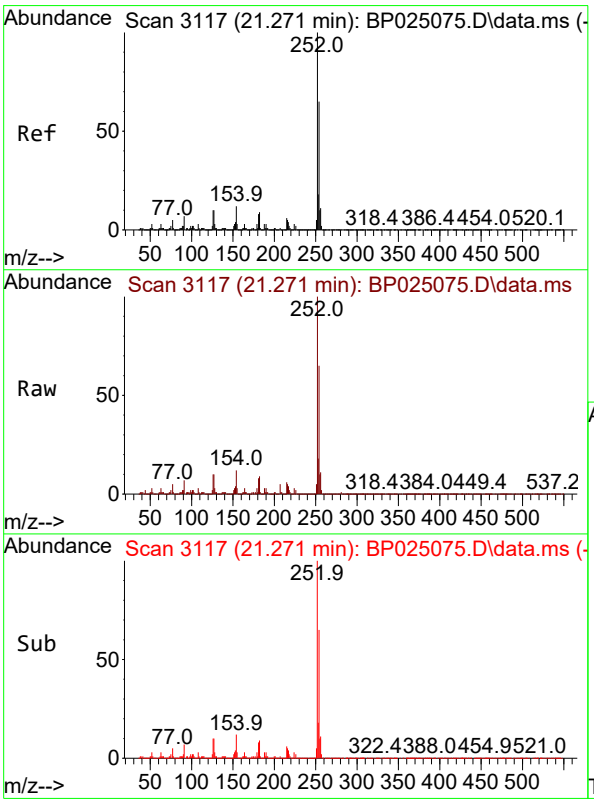
#81
Benzo(a)anthracene
Concen: 40.169 ng
RT: 21.324 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

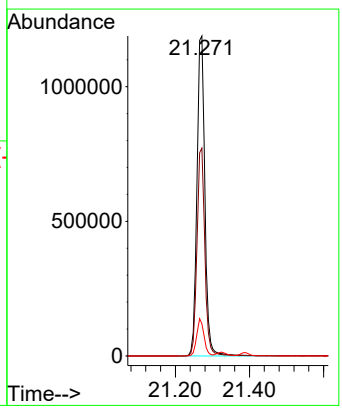


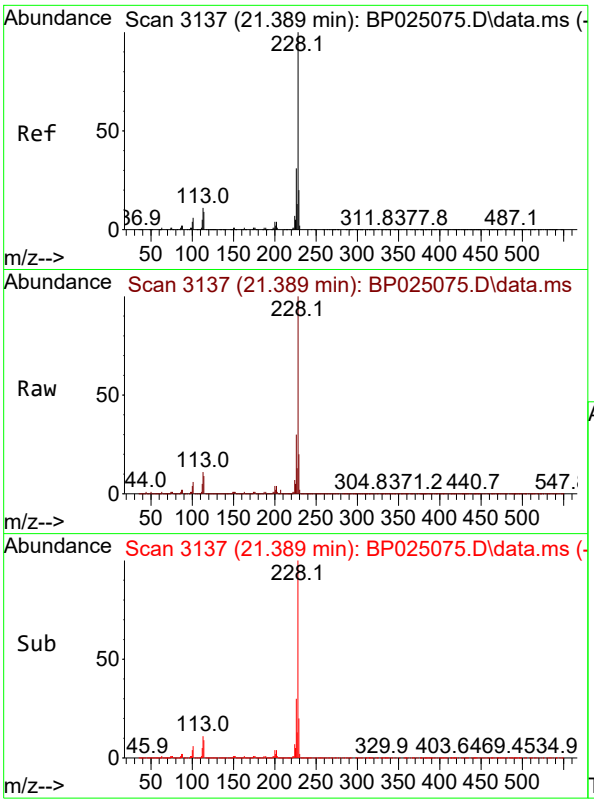


#82
3,3'-Dichlorobenzidine
Concen: 42.735 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



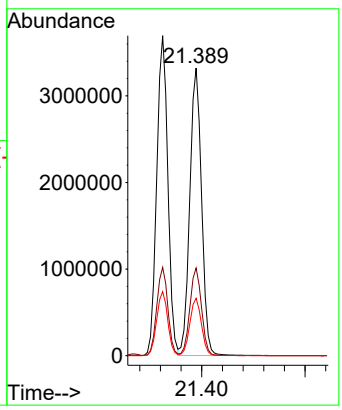


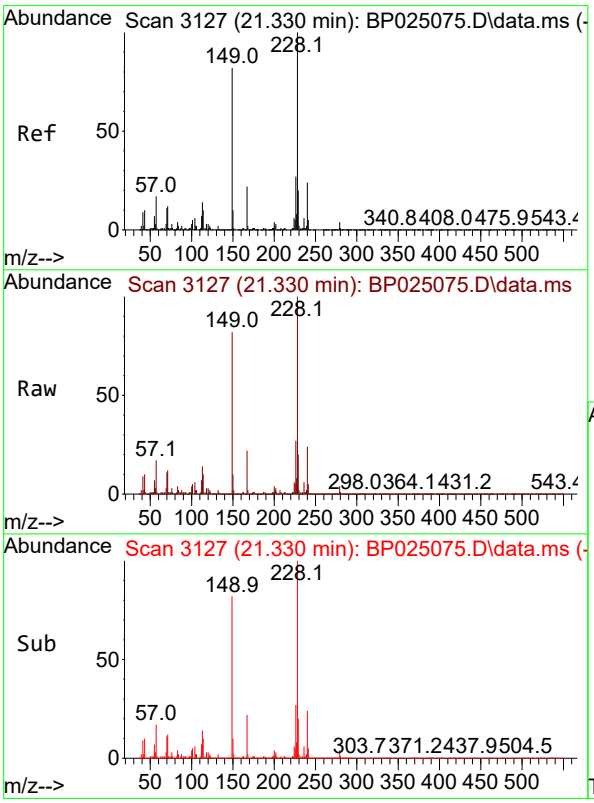
#83
Chrysene
Concen: 39.742 ng
RT: 21.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

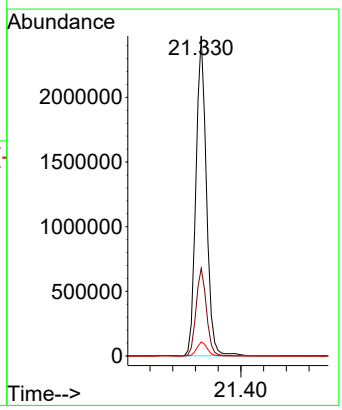


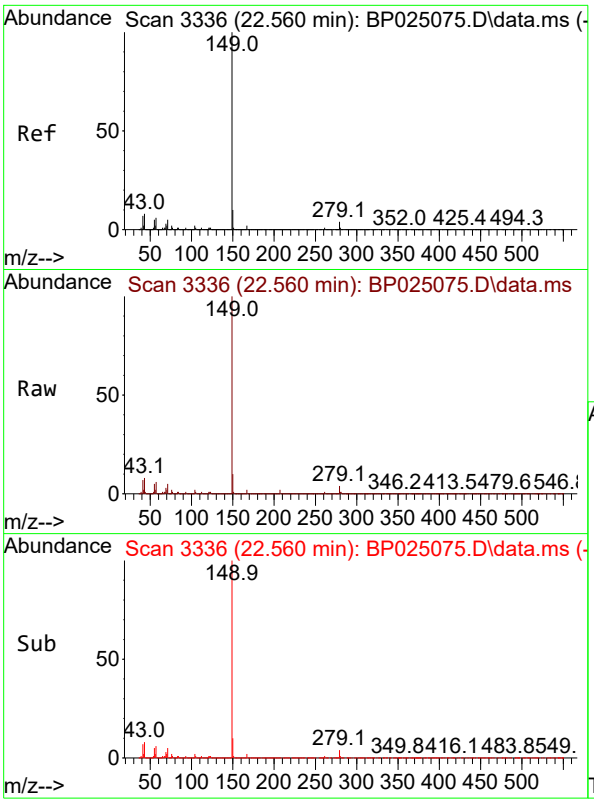


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.232 ng
RT: 21.330 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



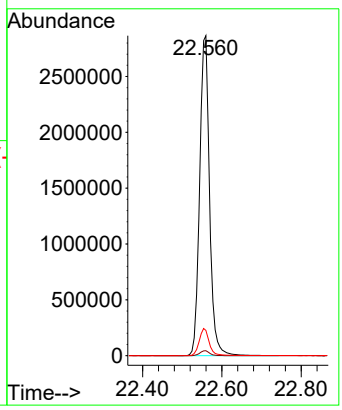


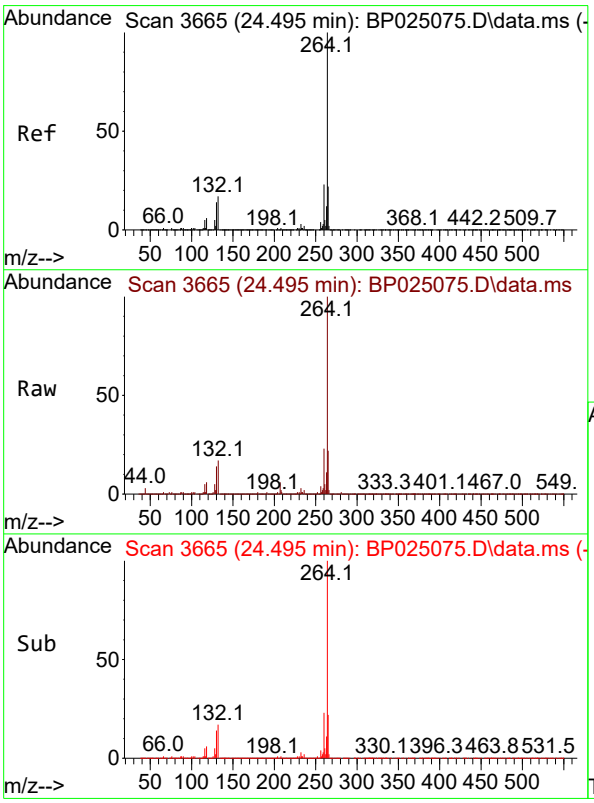
#85
Di-n-octyl phthalate
Concen: 38.152 ng
RT: 22.560 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

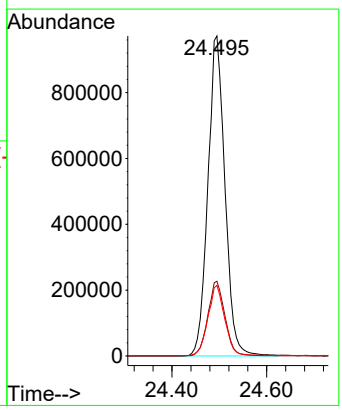


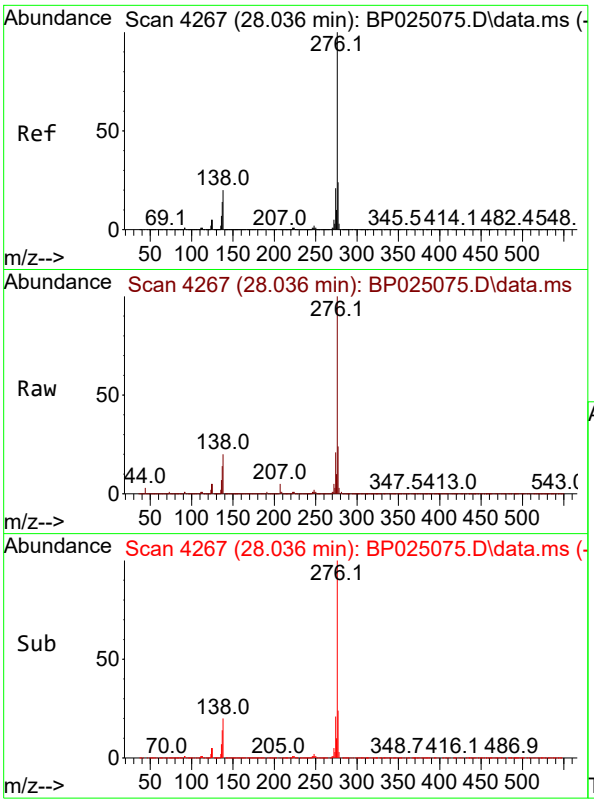


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.495 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



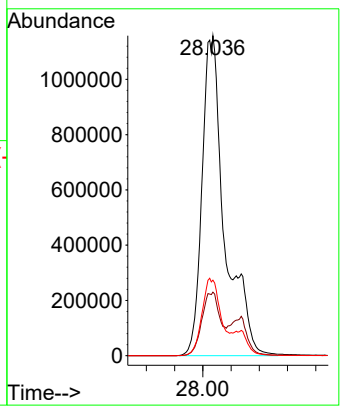


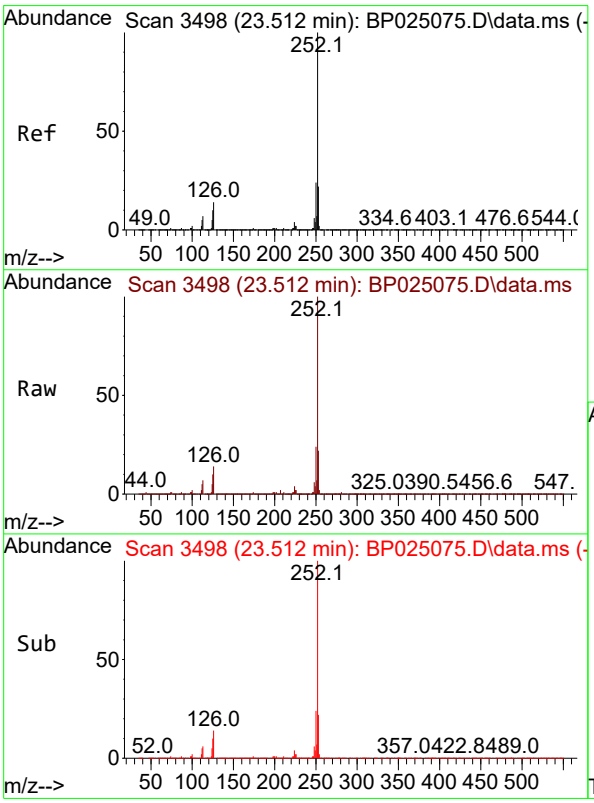
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.785 ng m
RT: 28.036 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

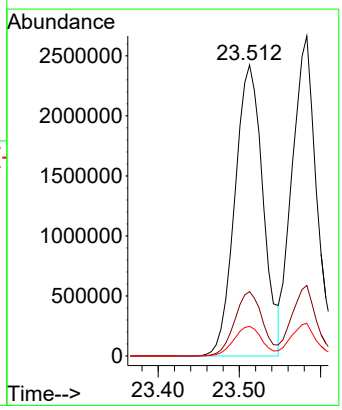


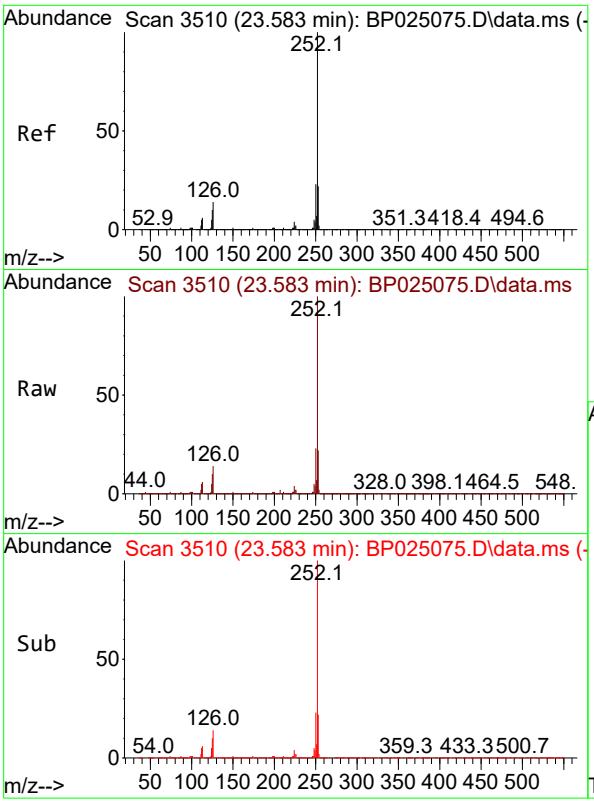


#88
Benzo(b)fluoranthene
Concen: 41.258 ng
RT: 23.512 min Scan# 3498
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



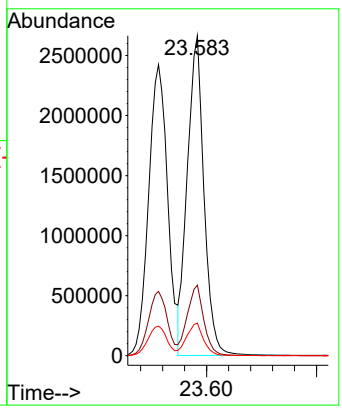


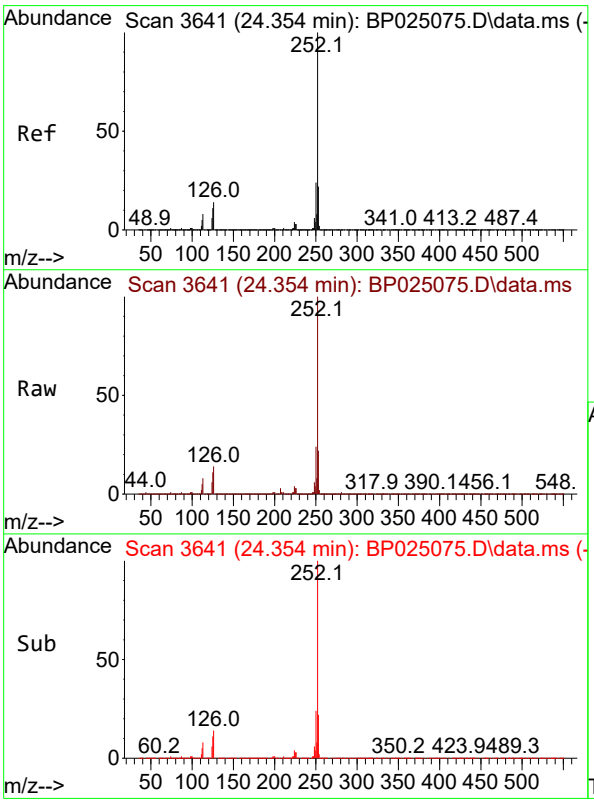
#89
Benzo(k)fluoranthene
Concen: 39.833 ng
RT: 23.583 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

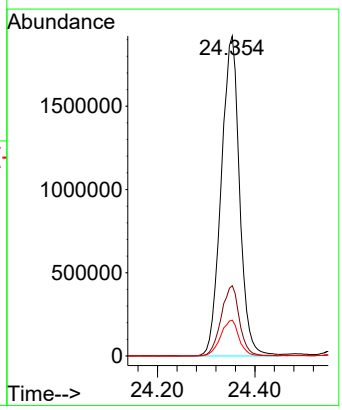


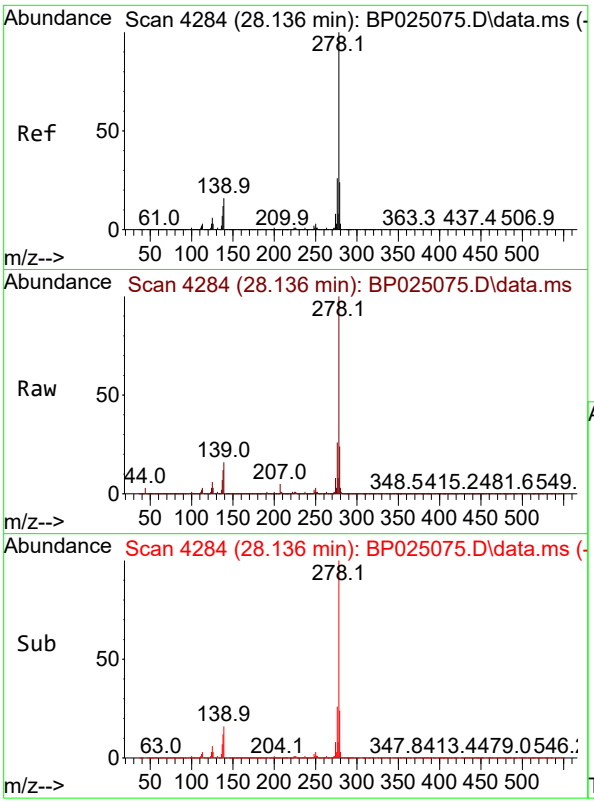


#90
Benzo(a)pyrene
Concen: 41.697 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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



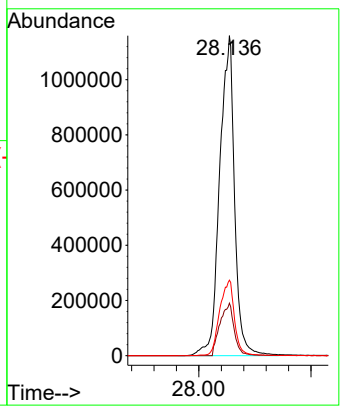


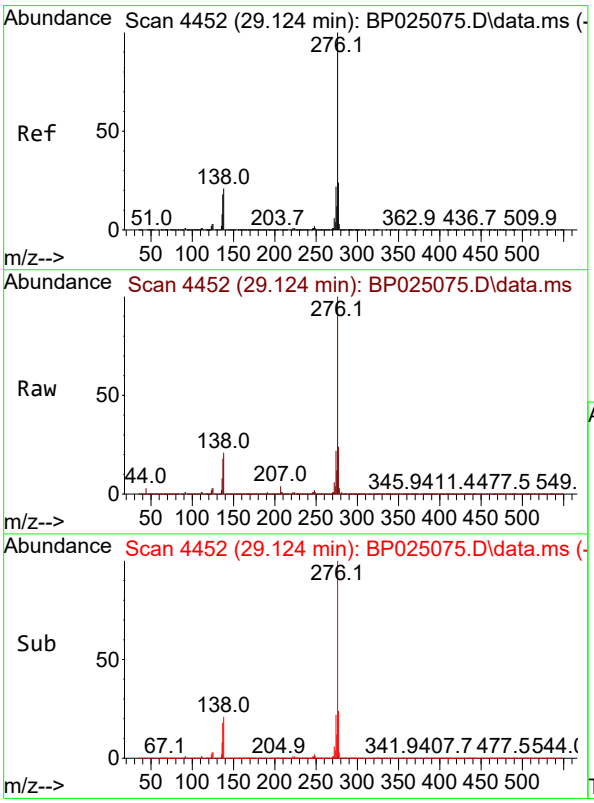
#91
Dibenzo(a,h)anthracene
Concen: 41.673 ng
RT: 28.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

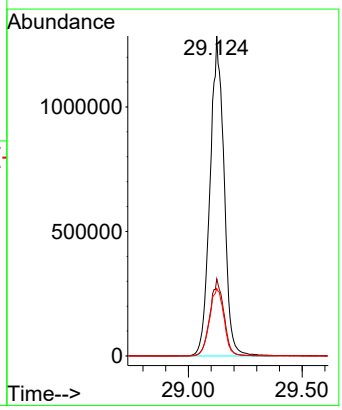




#92
Benzo(g,h,i)perylene
Concen: 41.443 ng
RT: 29.124 min Scan# 4452
Delta R.T. 0.000 min
Lab File: BP025075.D
Acq: 03 Jul 2025 12:25

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

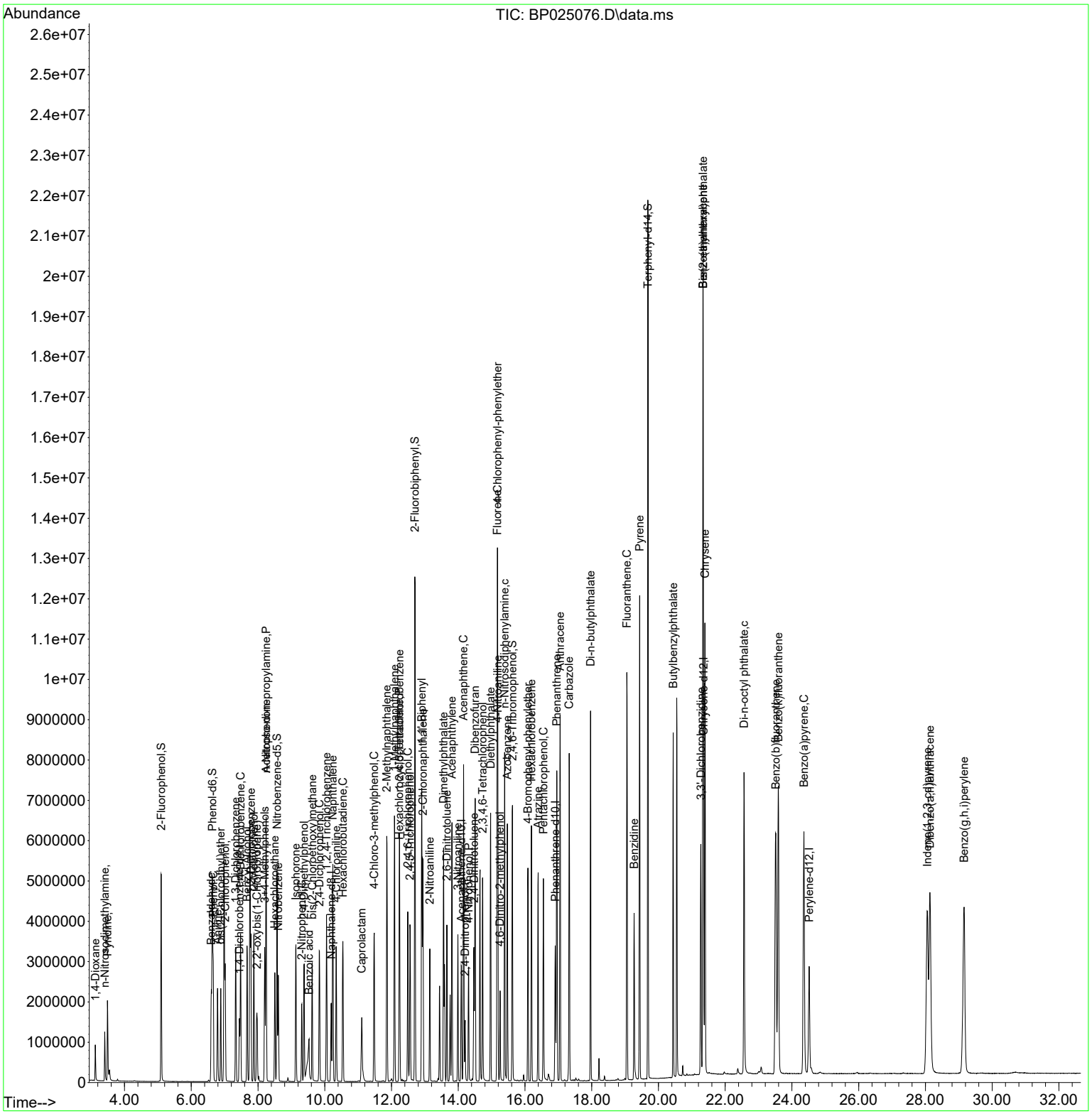
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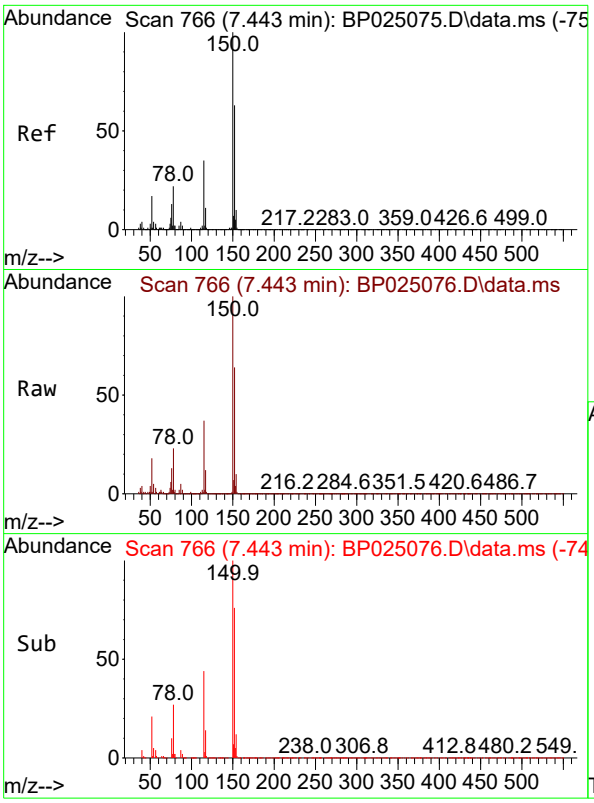
ICAL Form

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



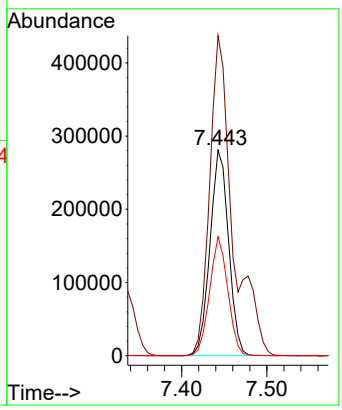


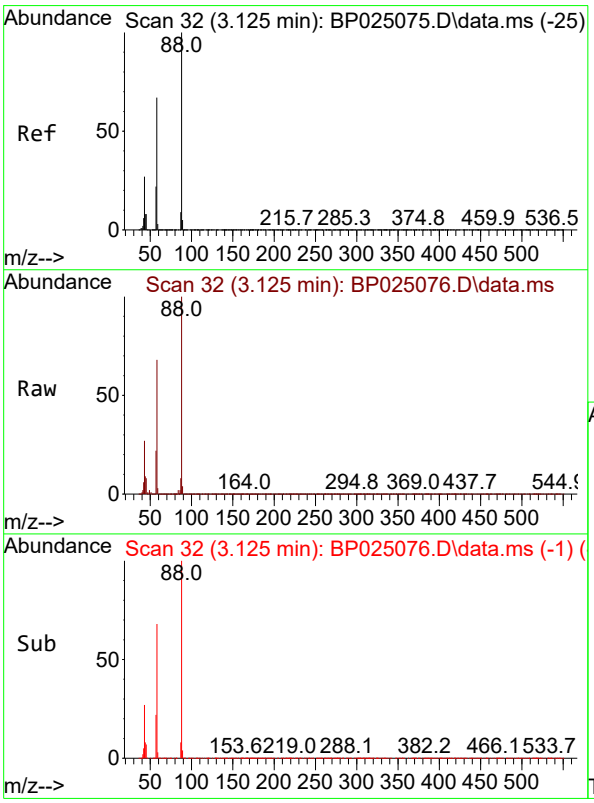
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

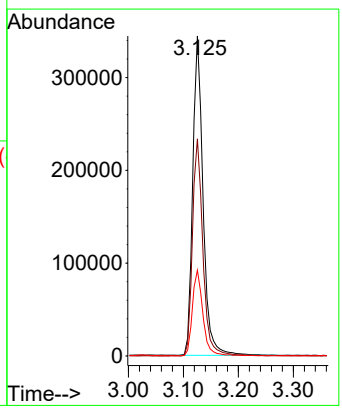


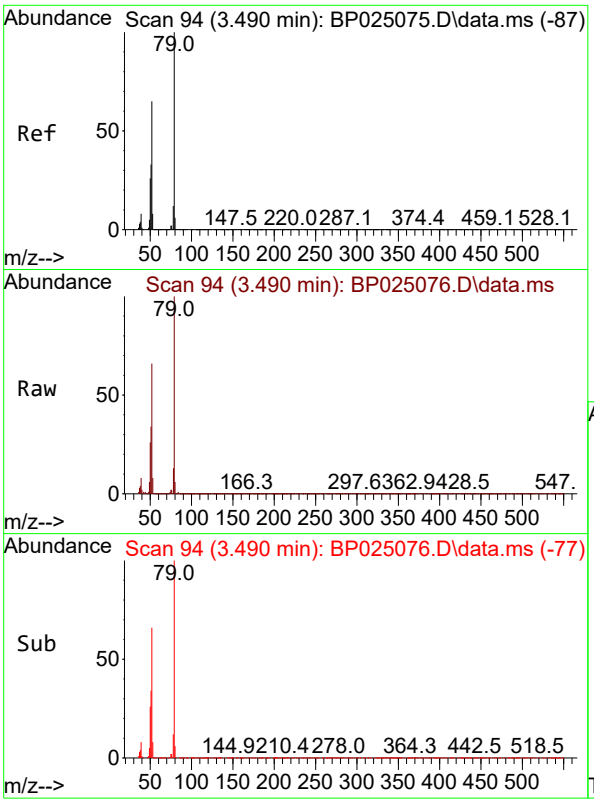


#2
1,4-Dioxane
Concen: 47.849 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



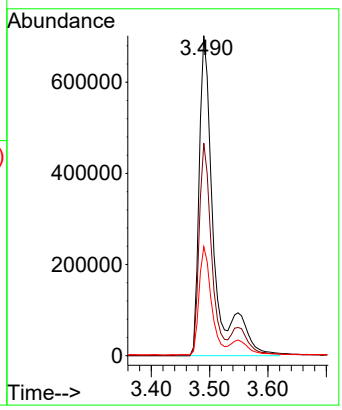


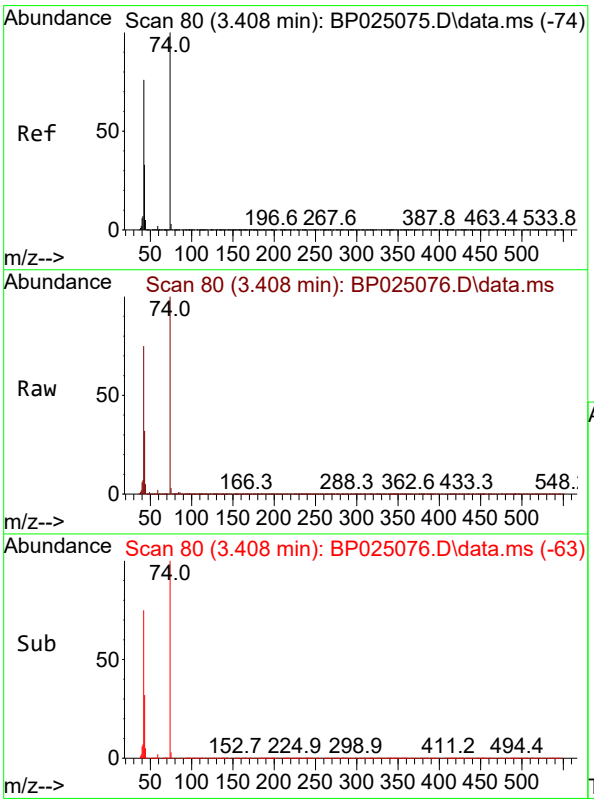
#3
Pyridine
Concen: 48.762 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

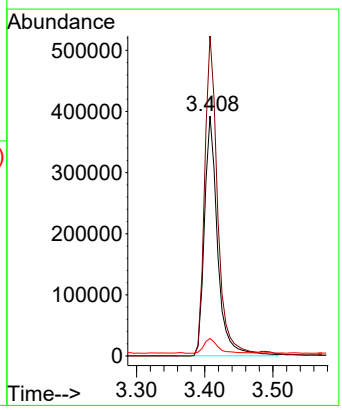


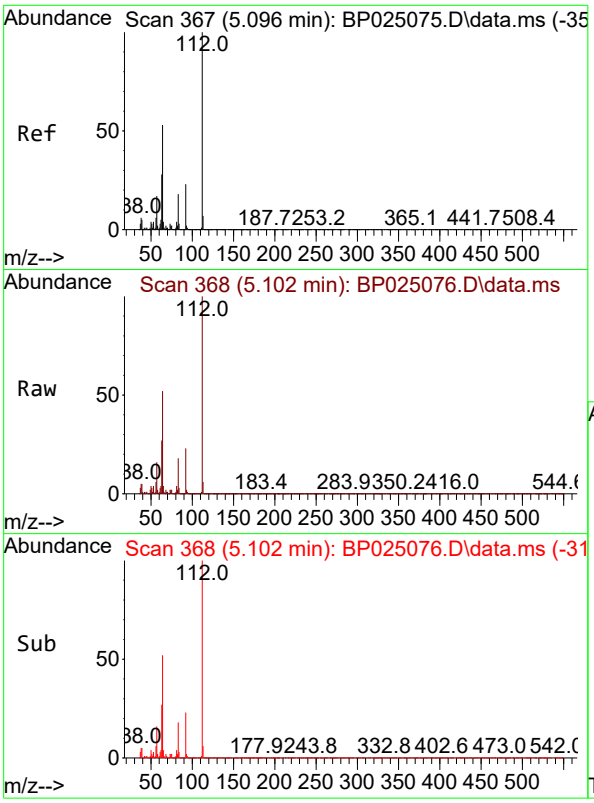


#4
n-Nitrosodimethylamine
Concen: 48.471 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



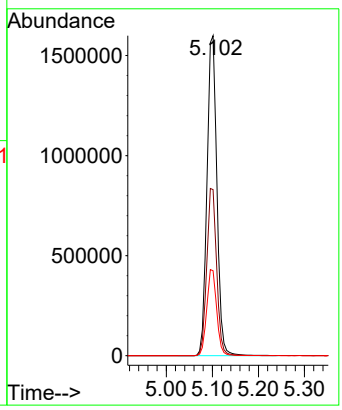


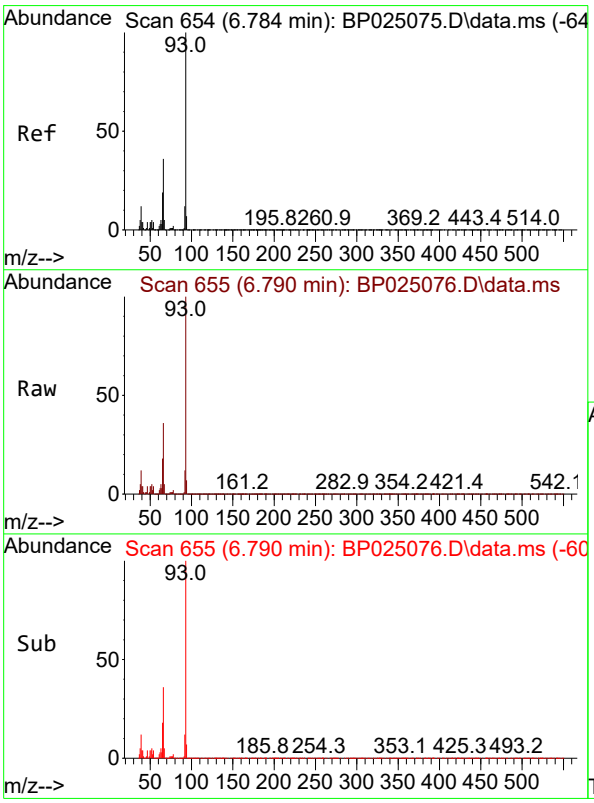
#5
2-Fluorophenol
Concen: 99.811 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

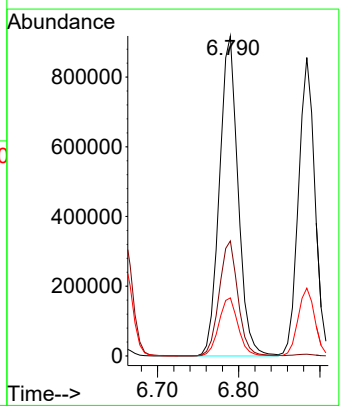


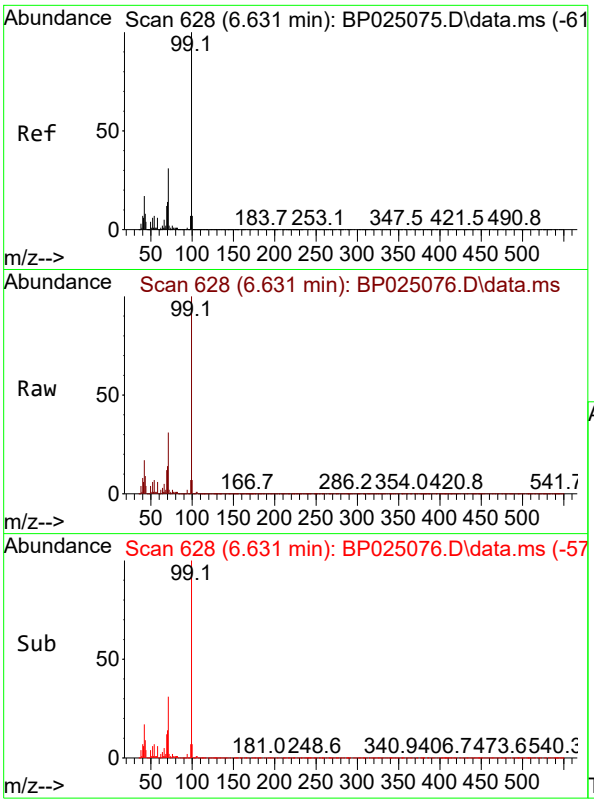


#6
Aniline
Concen: 49.800 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



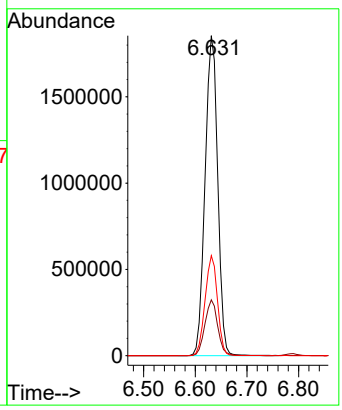


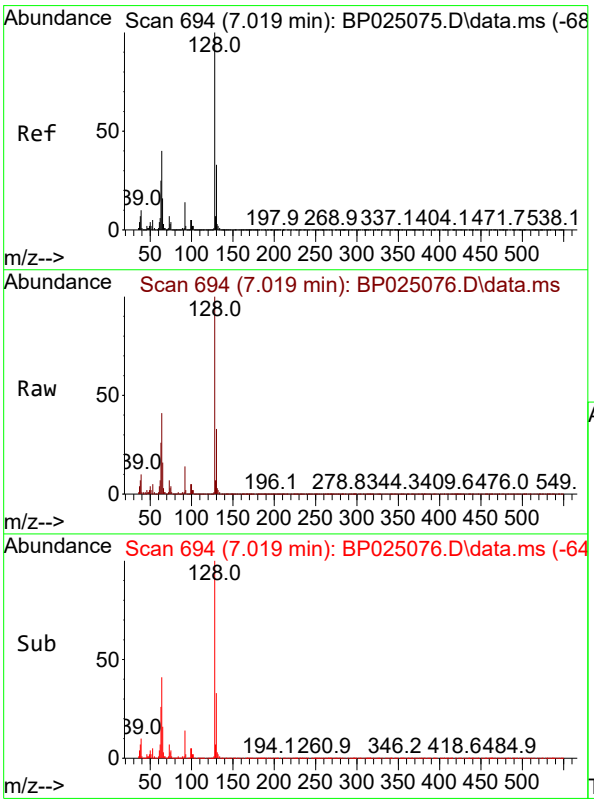
#7
Phenol-d6
Concen: 99.945 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

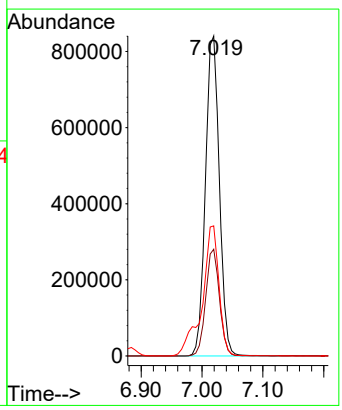


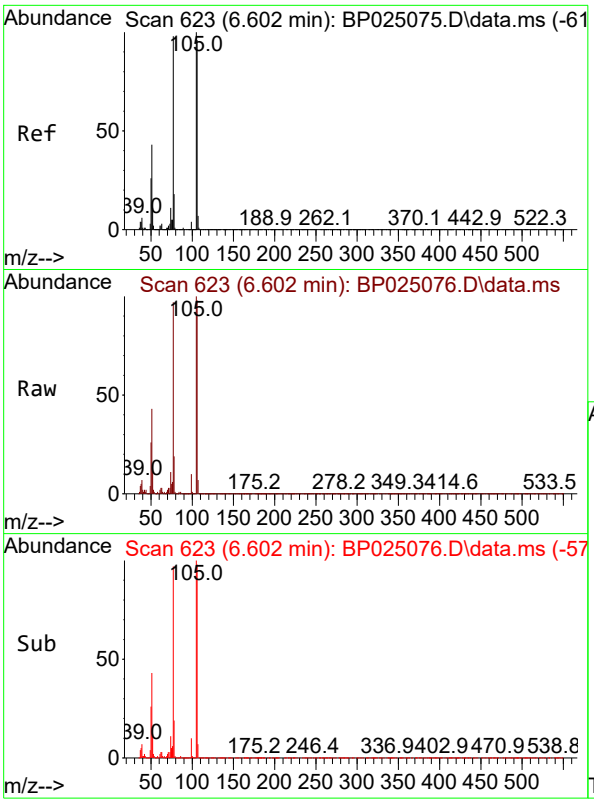


#8
2-Chlorophenol
Concen: 49.491 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



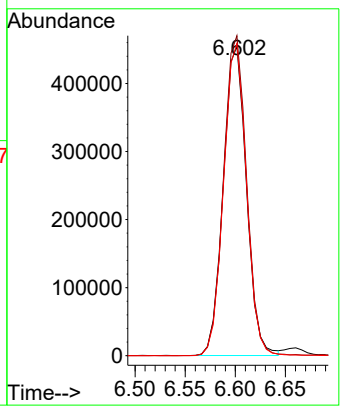


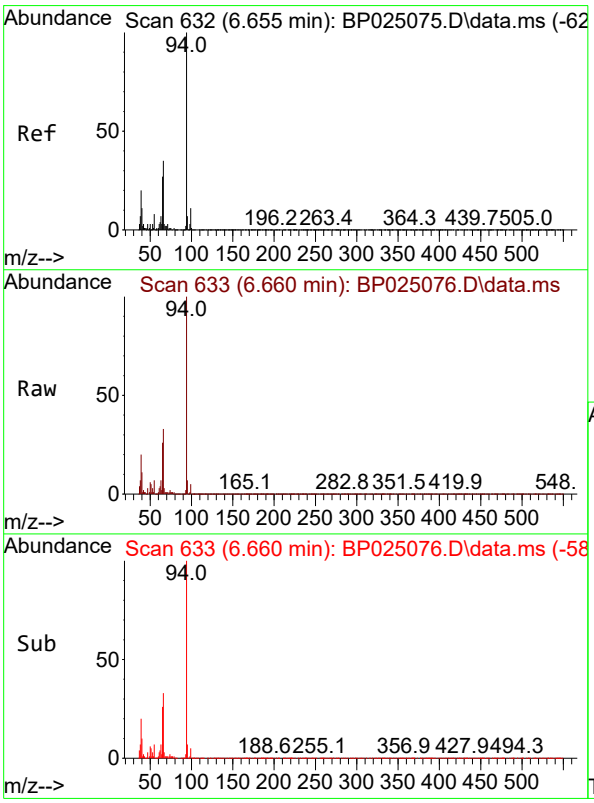
#9
Benzaldehyde
Concen: 44.476 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

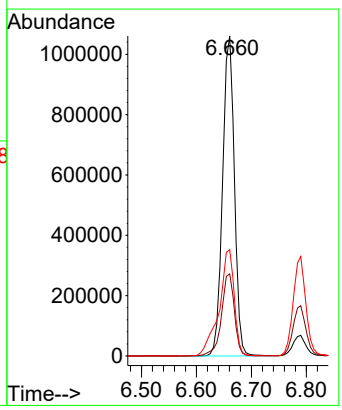


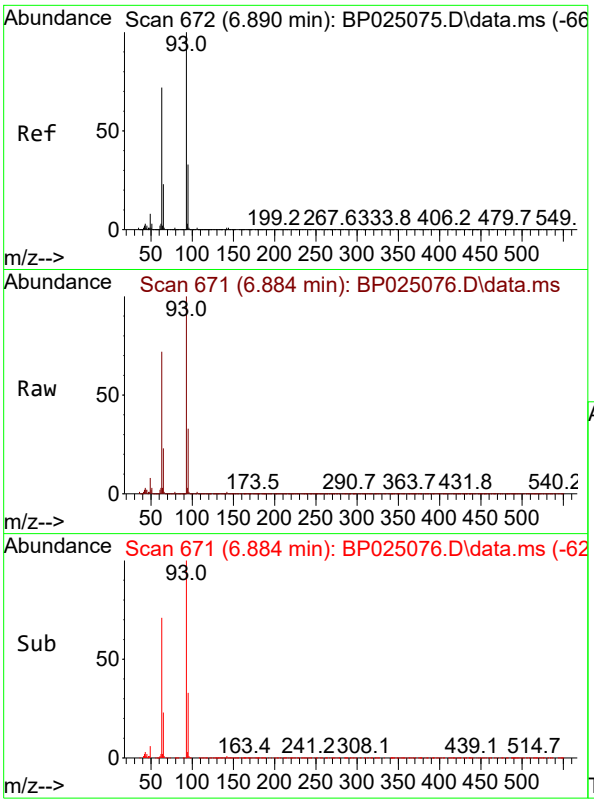


#10
Phenol
Concen: 49.596 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



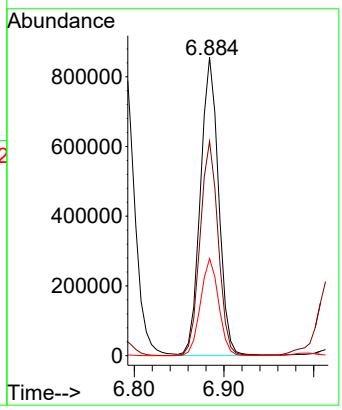


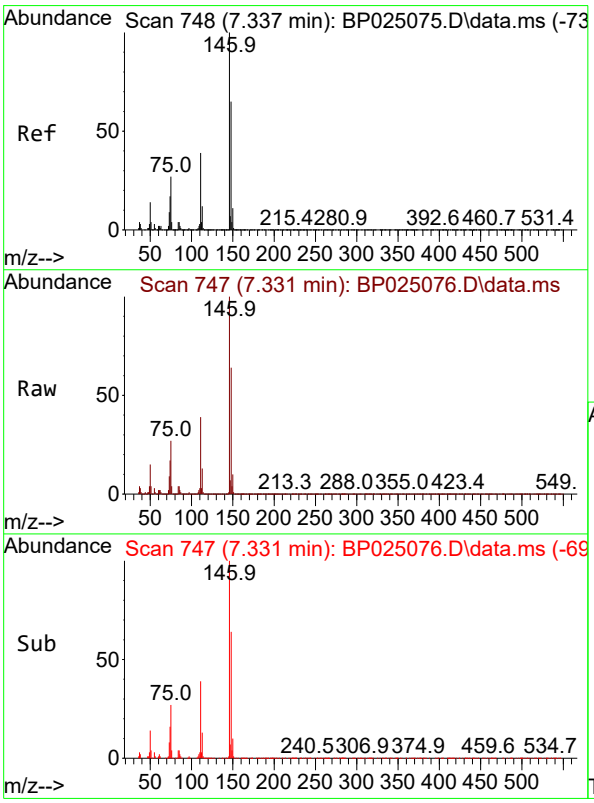
#11
bis(2-Chloroethyl)ether
Concen: 49.001 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

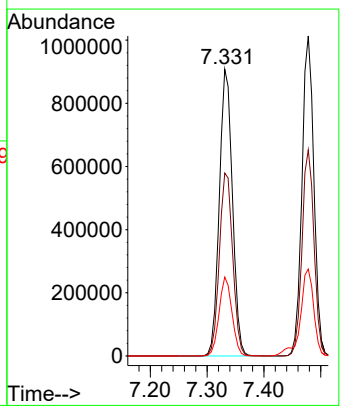


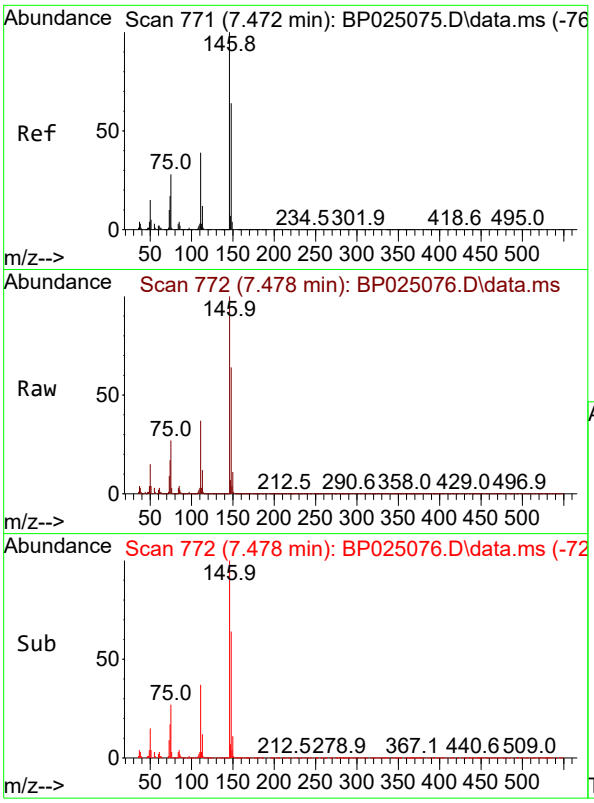


#12
1,3-Dichlorobenzene
Concen: 48.321 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



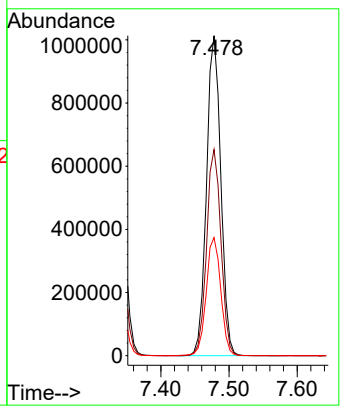


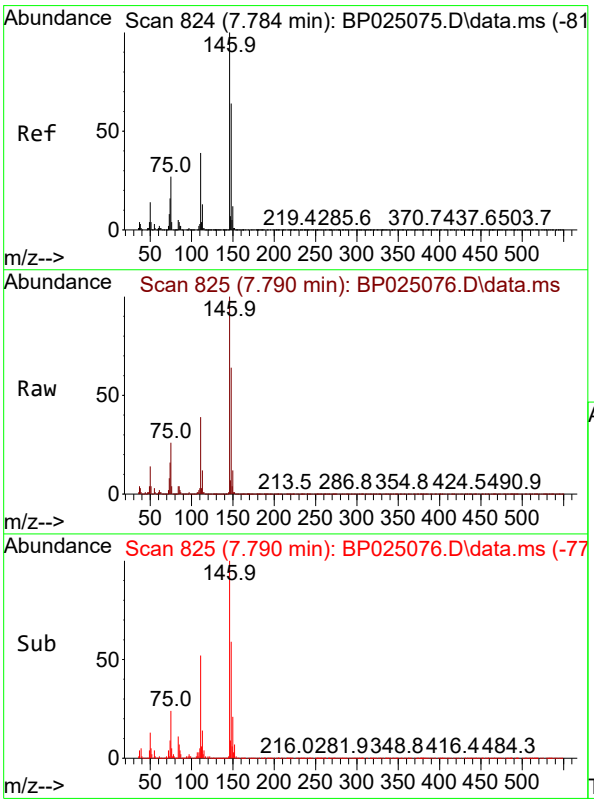
#13
1,4-Dichlorobenzene
Concen: 48.343 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

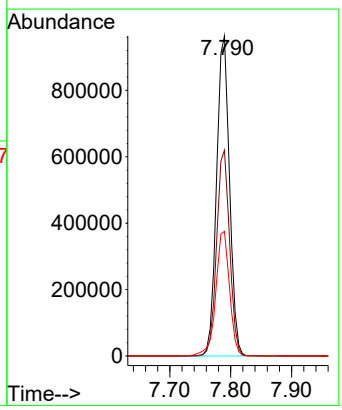


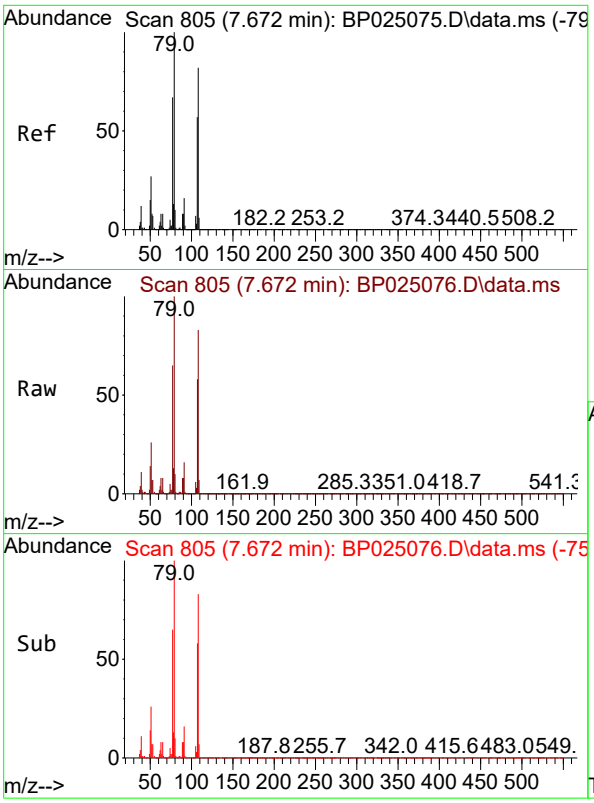


#14
1,2-Dichlorobenzene
Concen: 48.270 ng
RT: 7.790 min Scan# 825
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



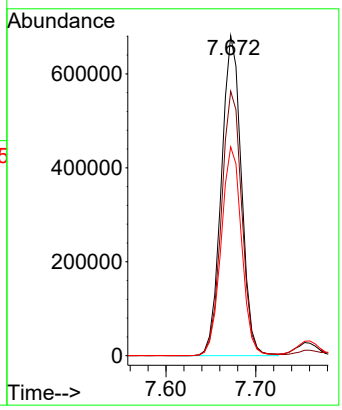


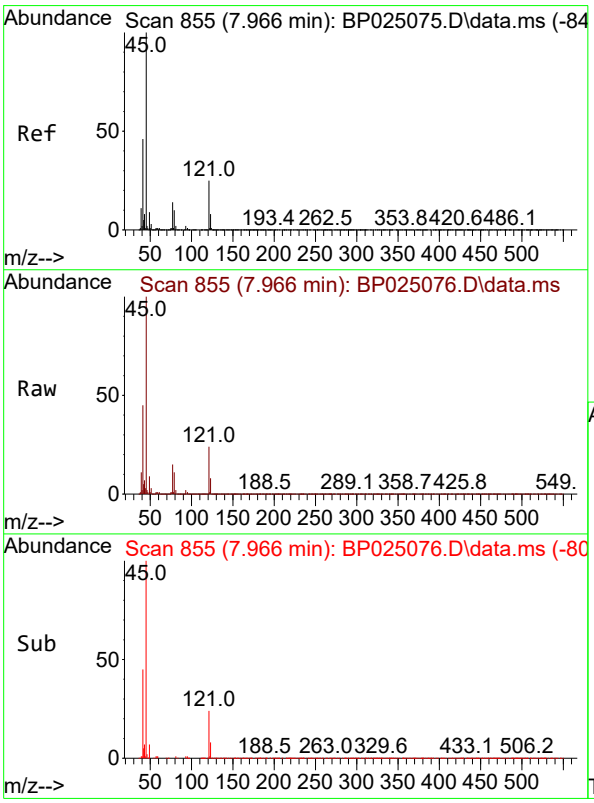
#15
Benzyl Alcohol
Concen: 50.356 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

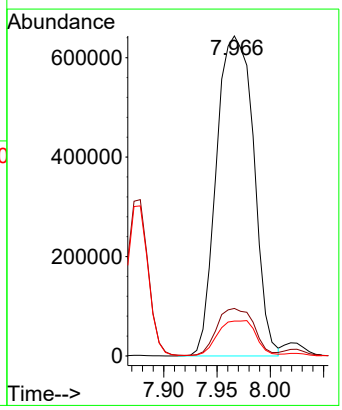


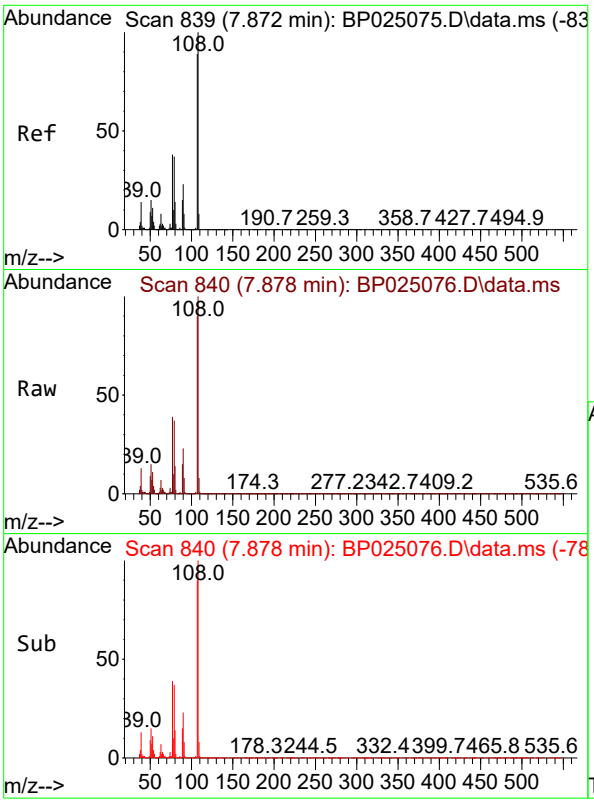


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.796 ng
RT: 7.966 min Scan# 855
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



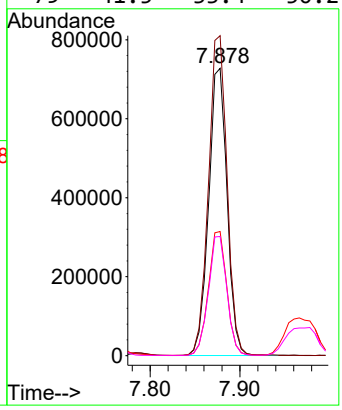


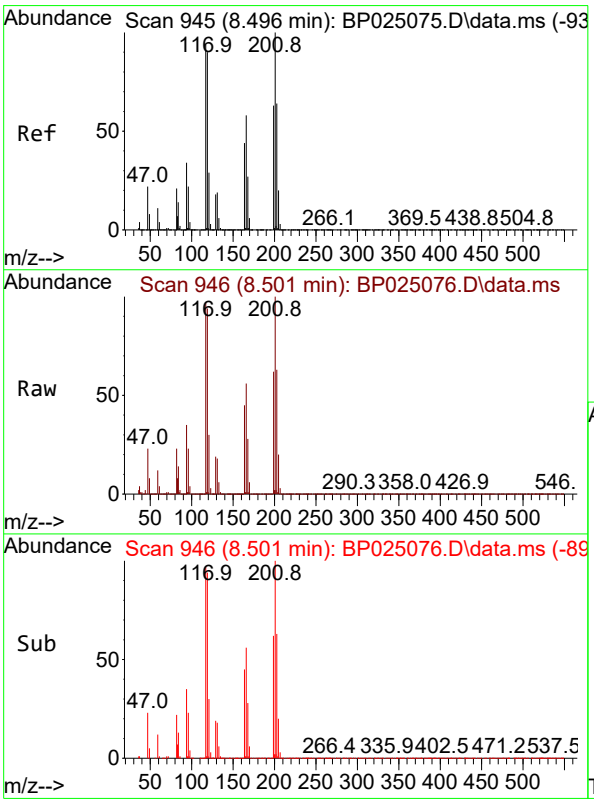
#17
2-Methylphenol
Concen: 50.517 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

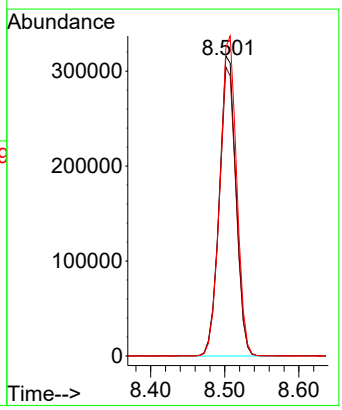


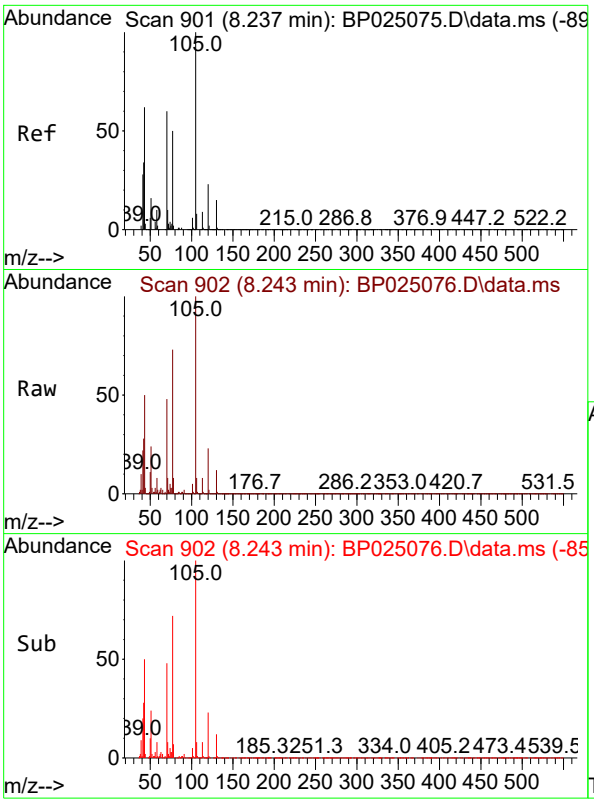


#18
Hexachloroethane
Concen: 49.671 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



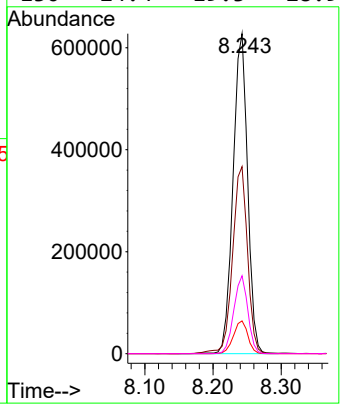


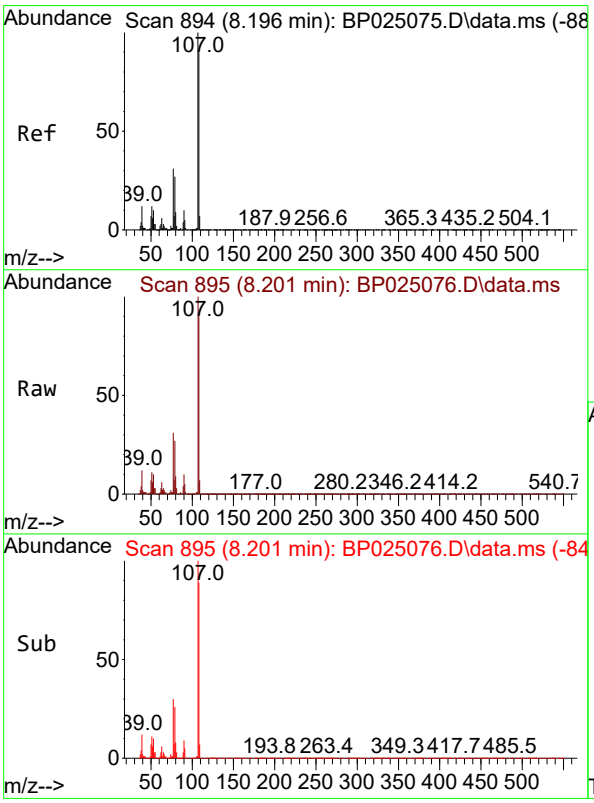
#19
n-Nitroso-di-n-propylamine
Concen: 49.874 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

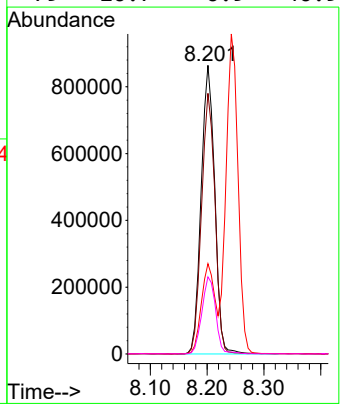


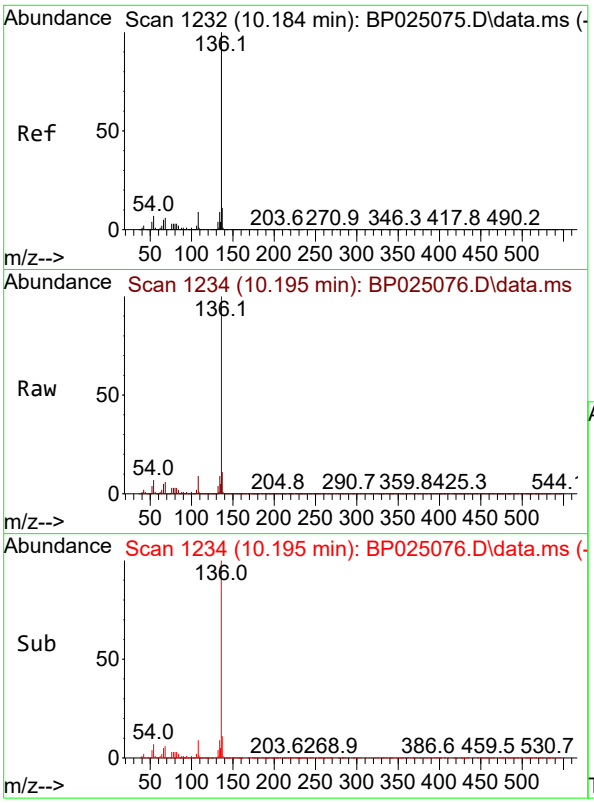


#20
3+4-Methylphenols
Concen: 49.653 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



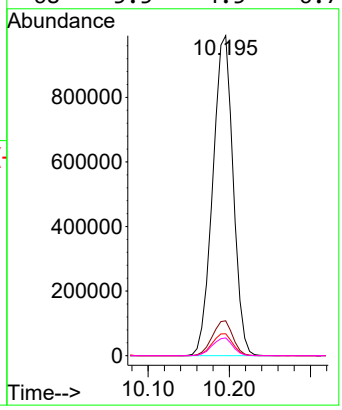


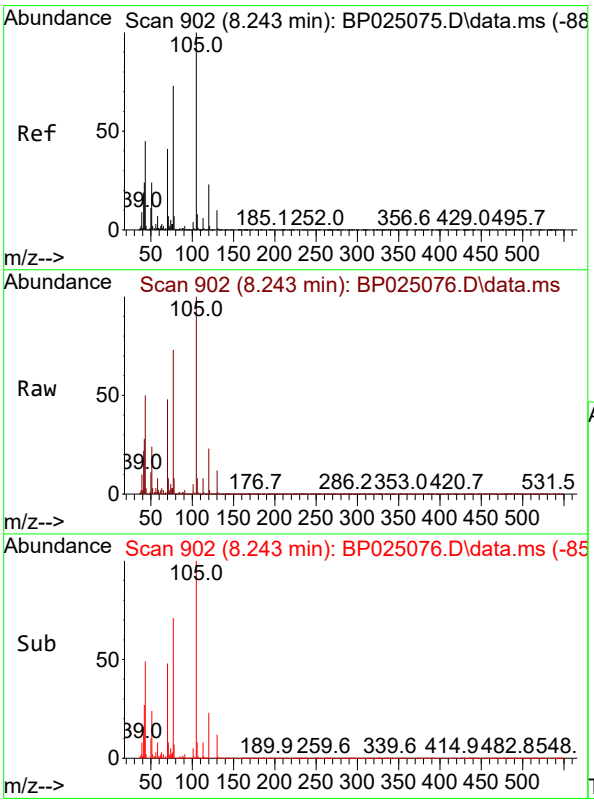
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

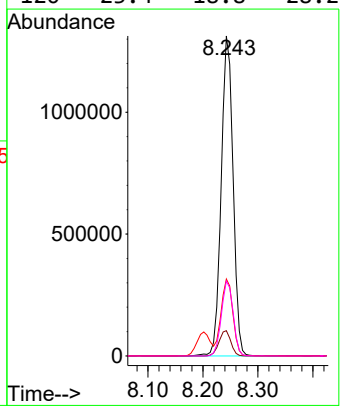


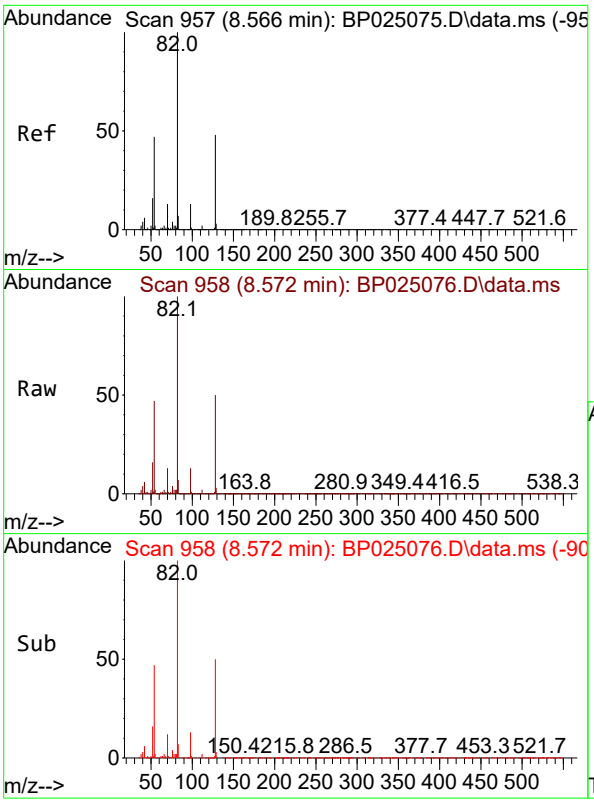


#22
Acetophenone
Concen: 48.182 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



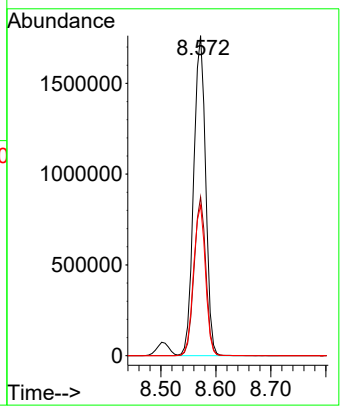


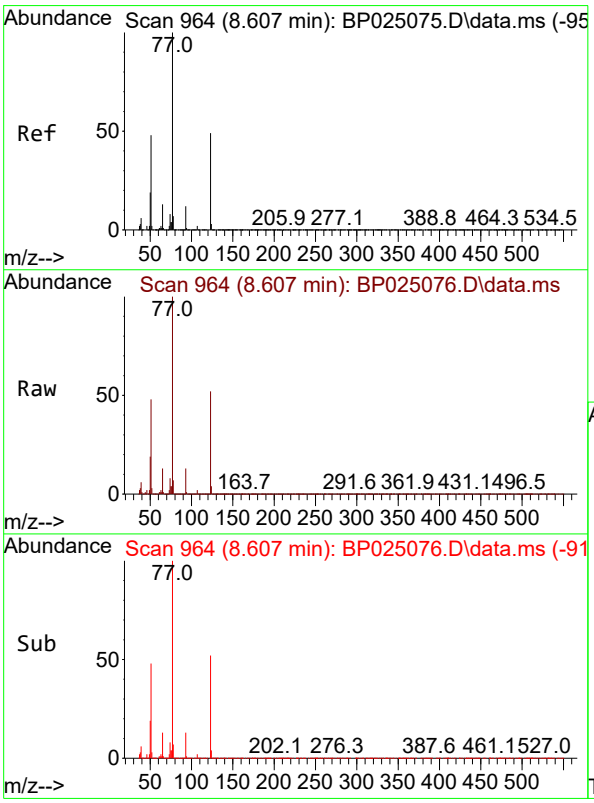
#23
Nitrobenzene-d5
Concen: 102.375 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

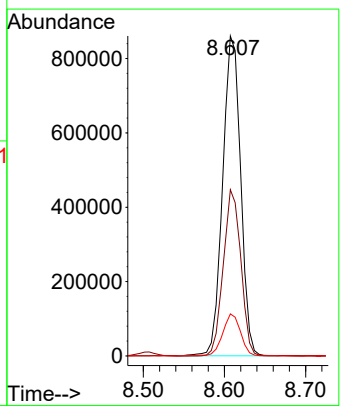


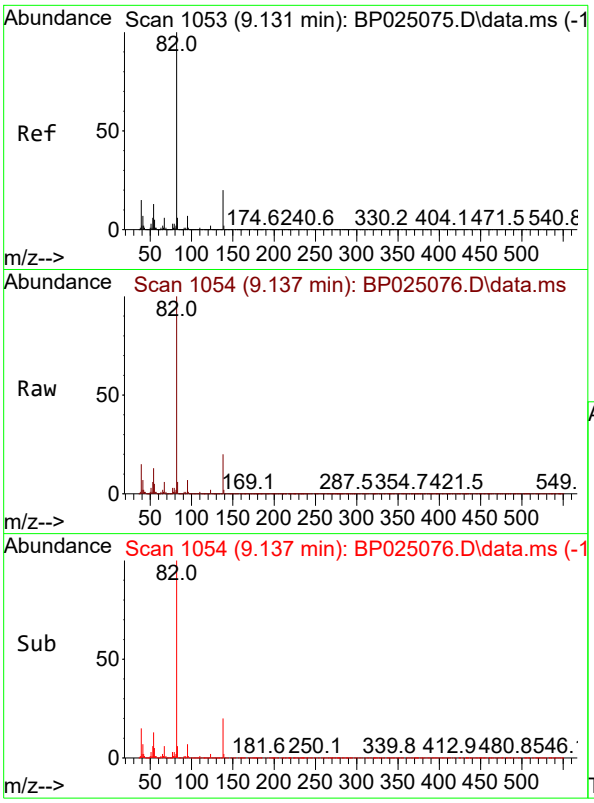


#24
Nitrobenzene
Concen: 50.040 ng
RT: 8.607 min Scan# 964
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



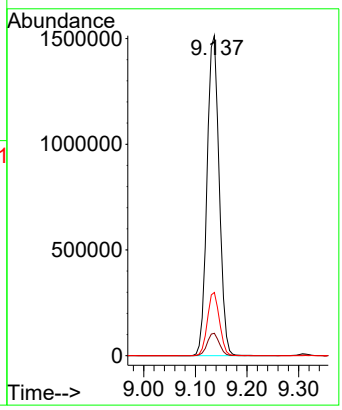


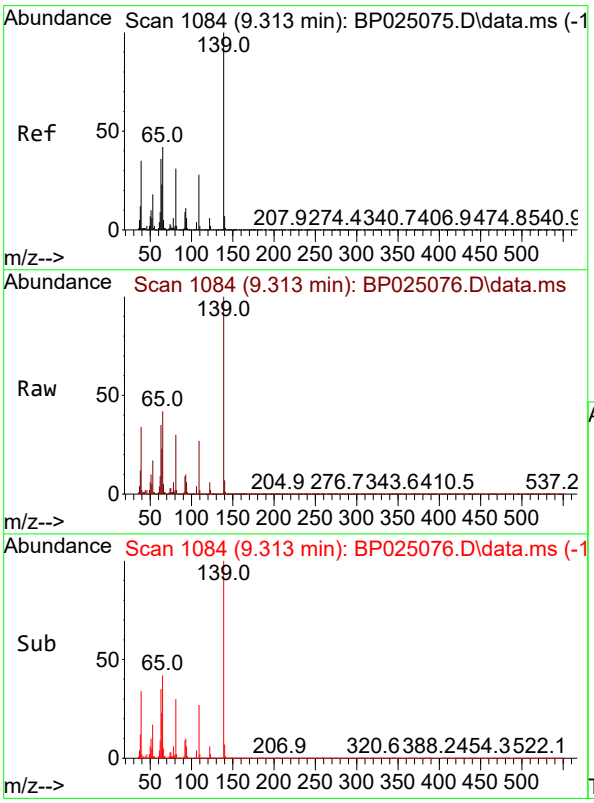
#25
Isophorone
Concen: 50.806 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

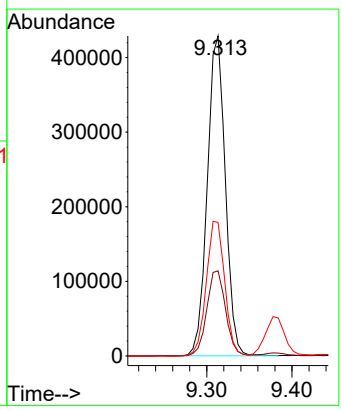


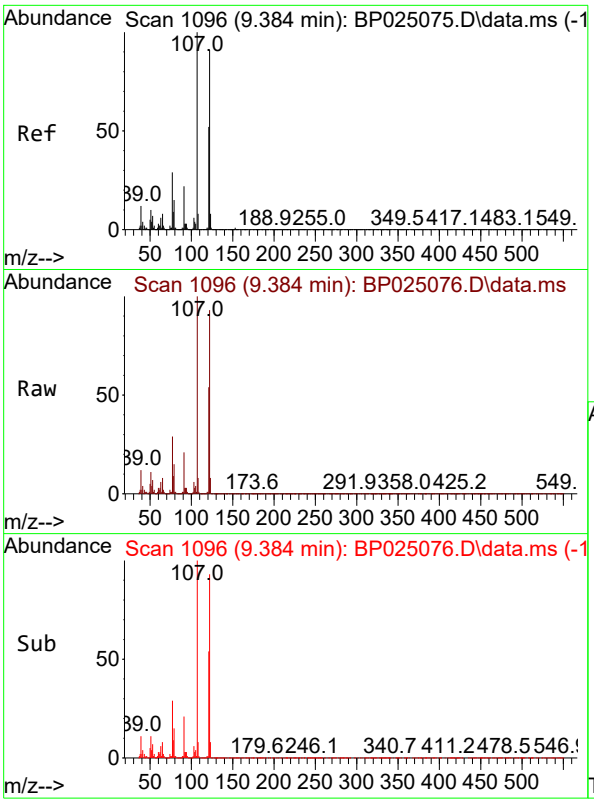


#26
2-Nitrophenol
Concen: 48.958 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



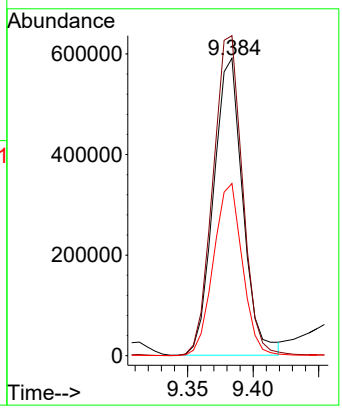


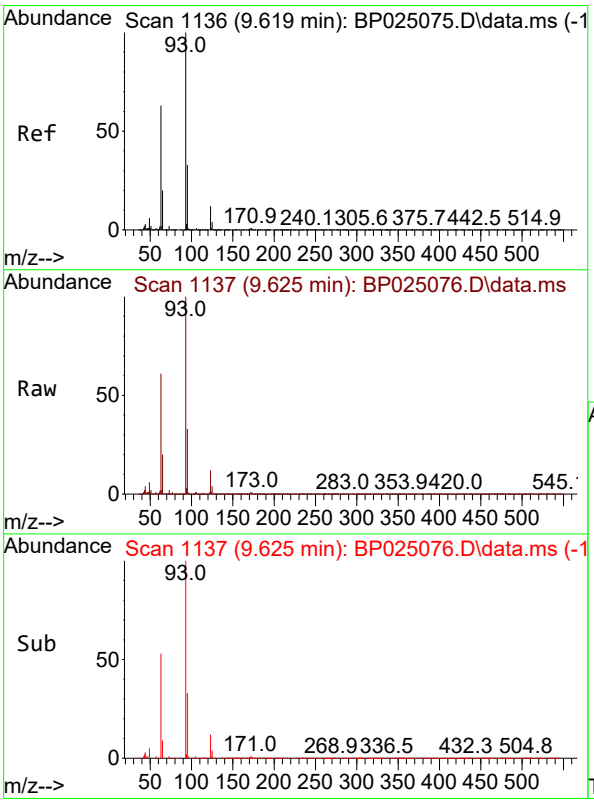
#27
2,4-Dimethylphenol
Concen: 50.760 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

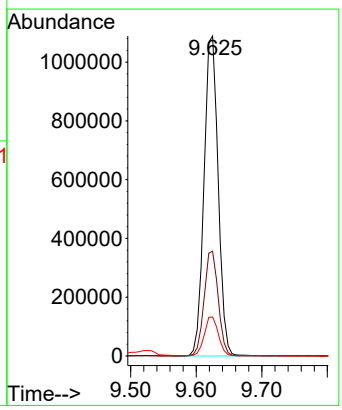


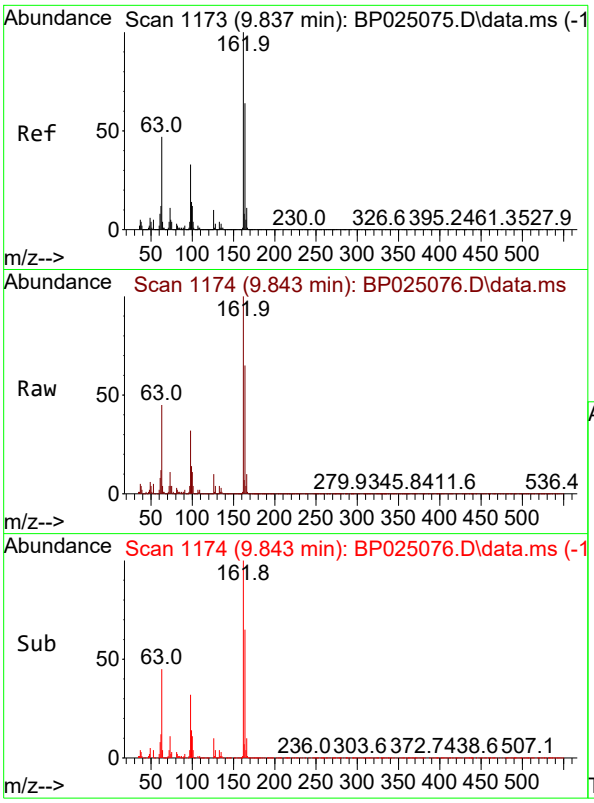


#28
bis(2-Chloroethoxy)methane
Concen: 49.669 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



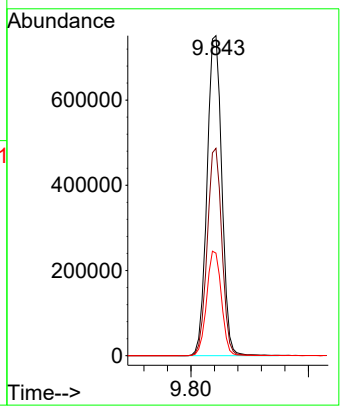


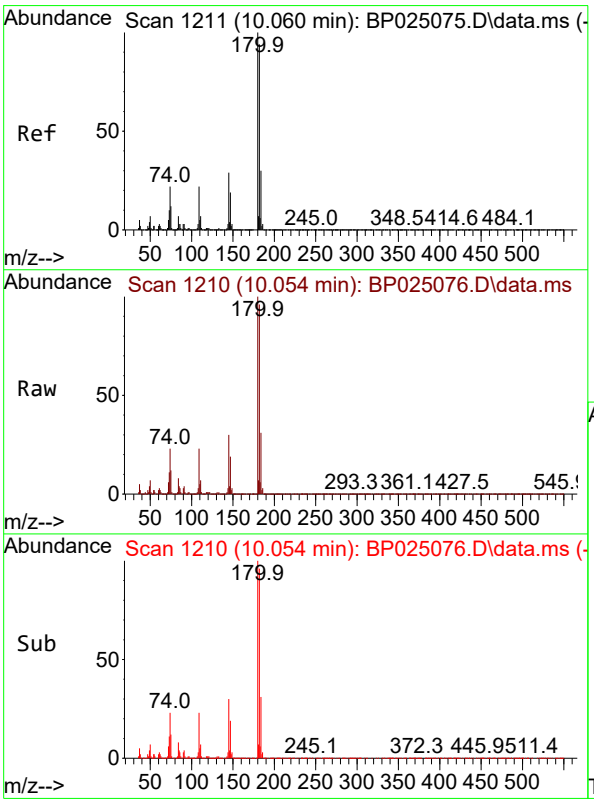
#29
2,4-Dichlorophenol
Concen: 52.364 ng
RT: 9.843 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

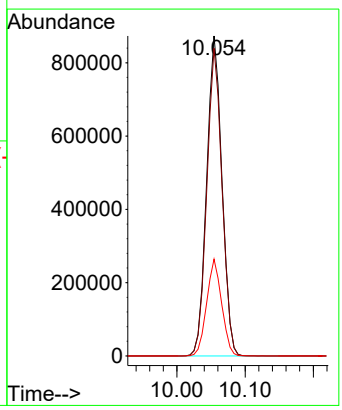


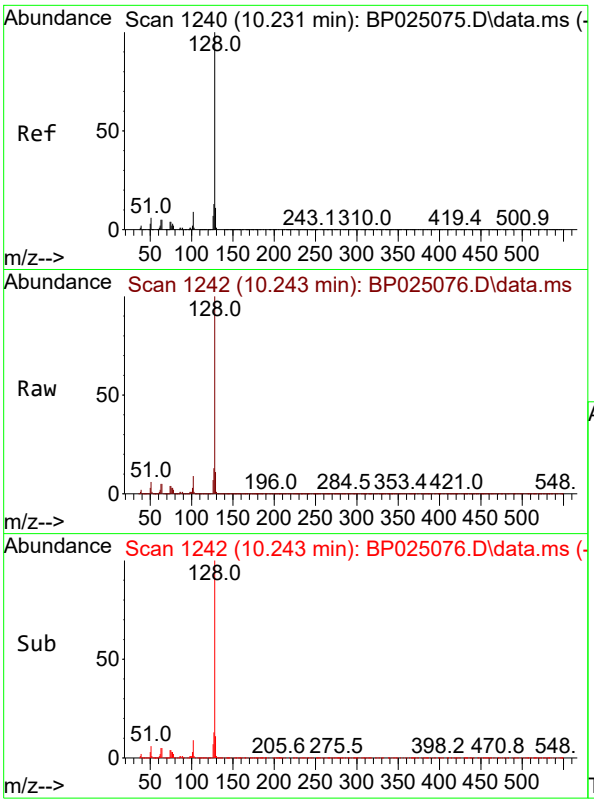


#30
1,2,4-Trichlorobenzene
Concen: 49.122 ng
RT: 10.054 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



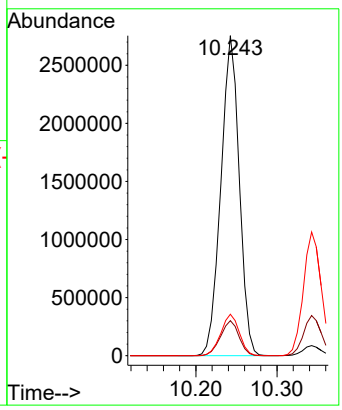


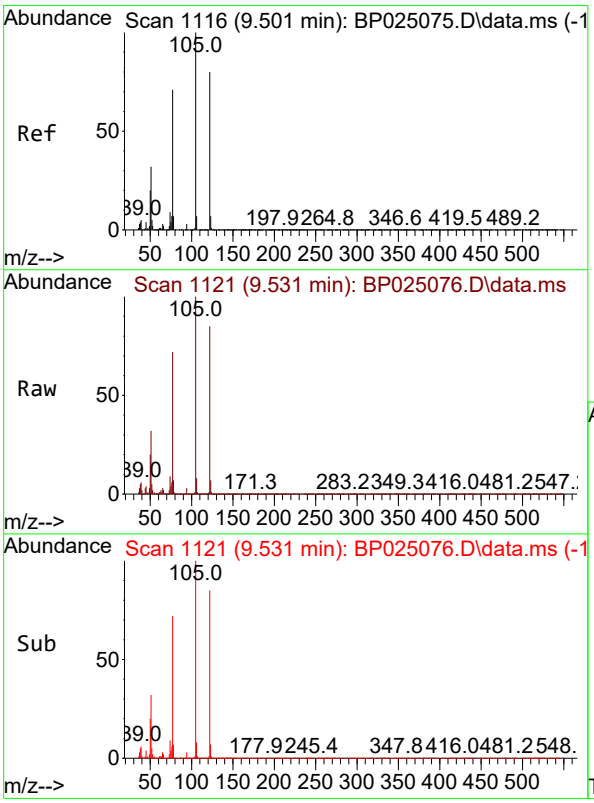
#31
Naphthalene
Concen: 48.793 ng
RT: 10.243 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

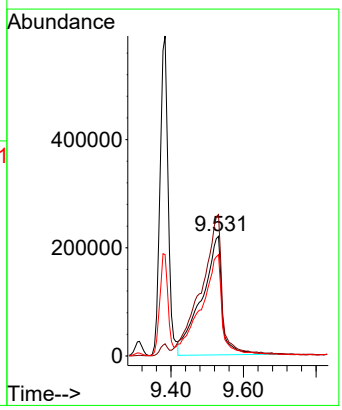


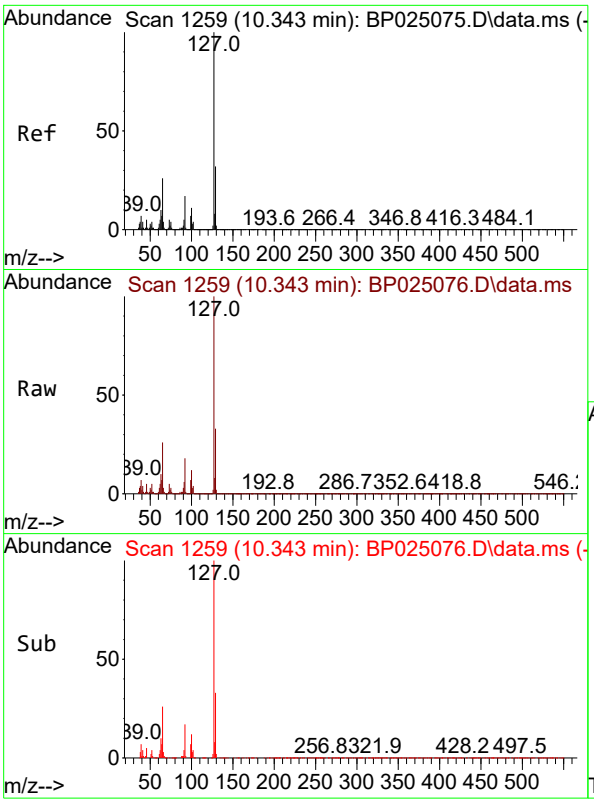


#32
Benzoic acid
Concen: 49.693 ng
RT: 9.531 min Scan# 1121
Delta R.T. 0.030 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



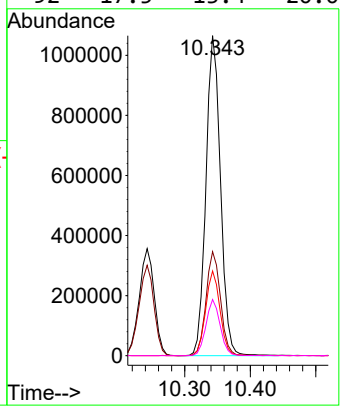


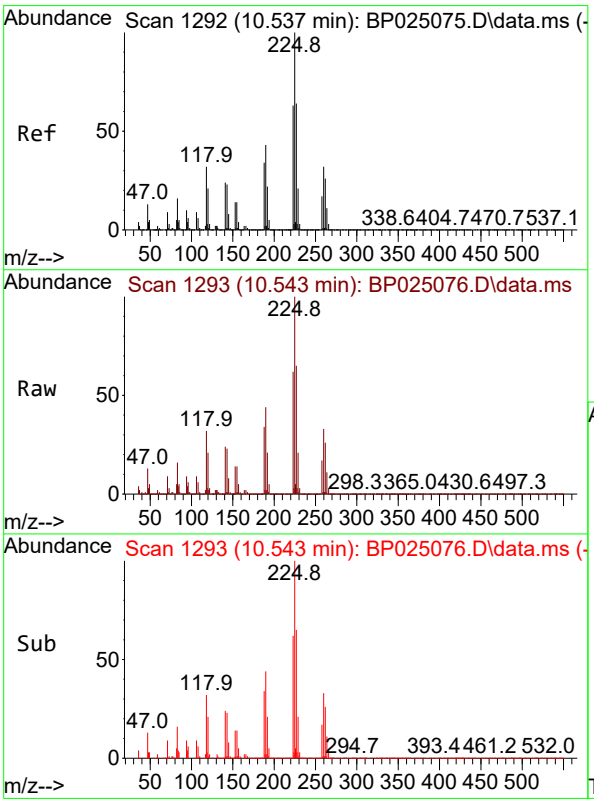
#33
4-Chloroaniline
Concen: 49.611 ng
RT: 10.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

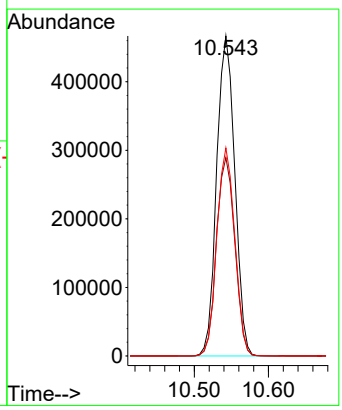


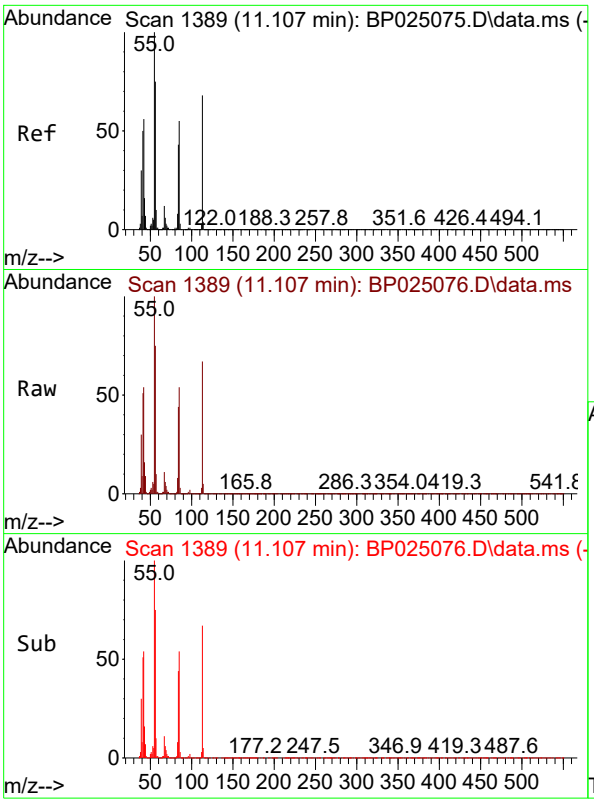


#34
Hexachlorobutadiene
Concen: 49.768 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



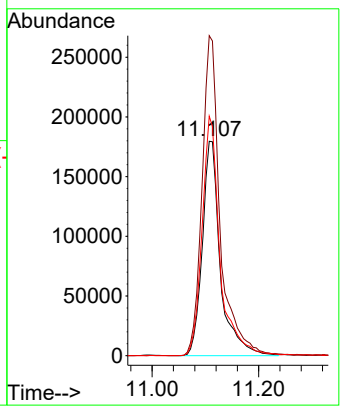


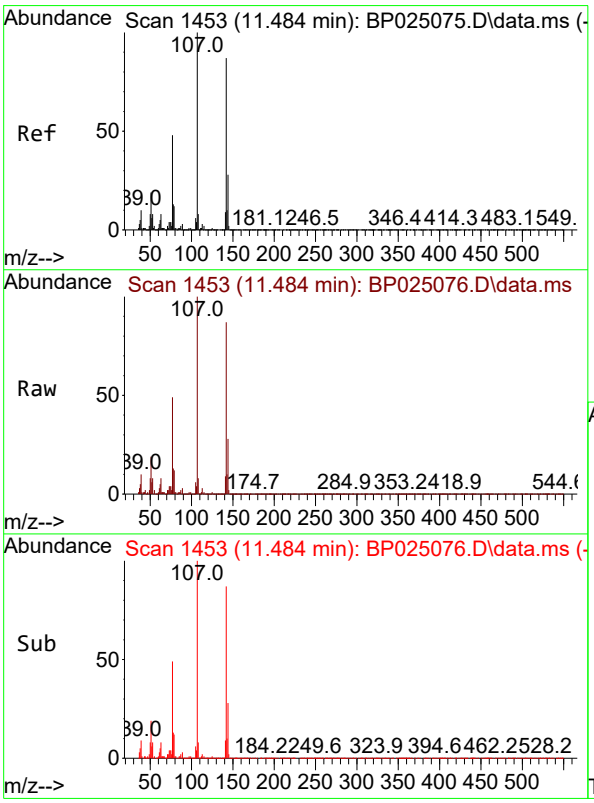
#35
Caprolactam
Concen: 49.189 ng
RT: 11.107 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

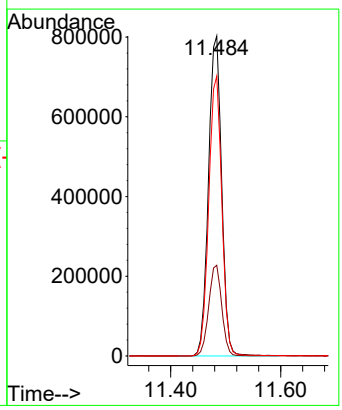


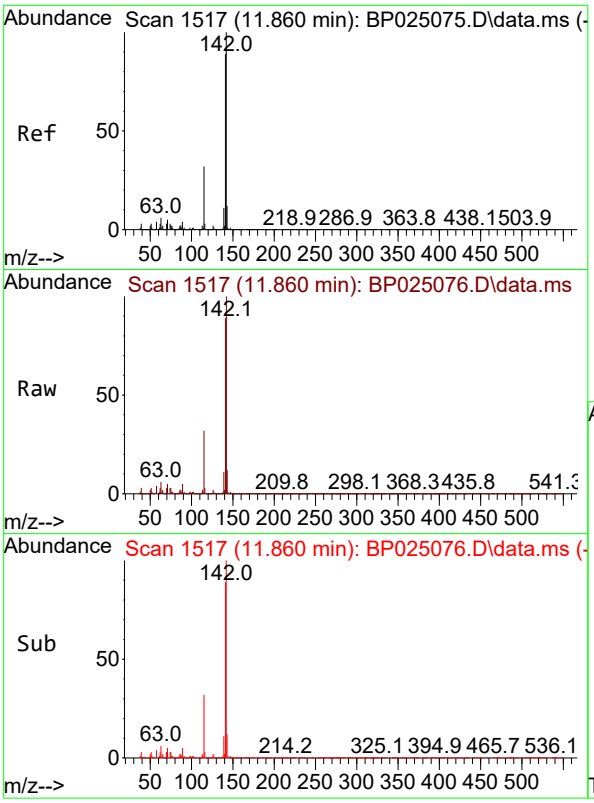


#36
4-Chloro-3-methylphenol
Concen: 50.915 ng
RT: 11.484 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



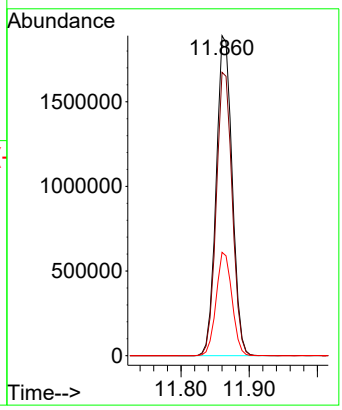


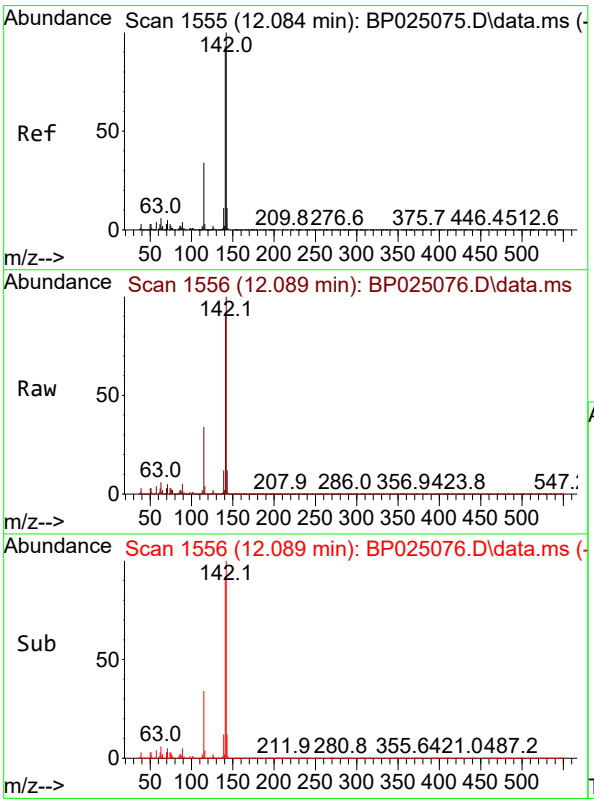
#37
2-Methylnaphthalene
Concen: 49.170 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

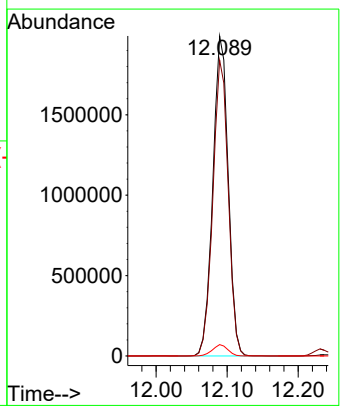


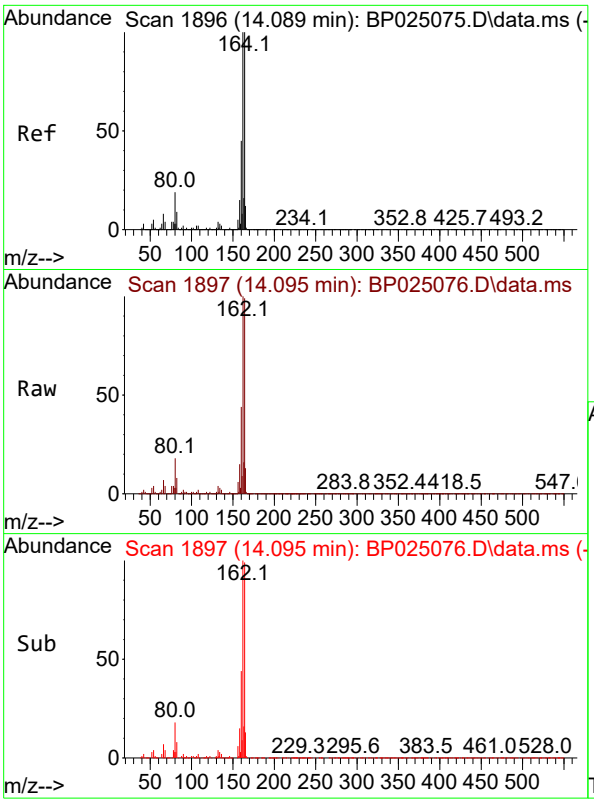


#38
1-Methylnaphthalene
Concen: 48.774 ng
RT: 12.089 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



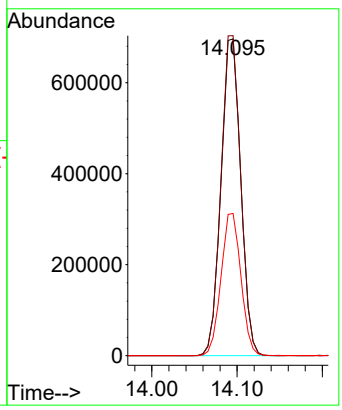


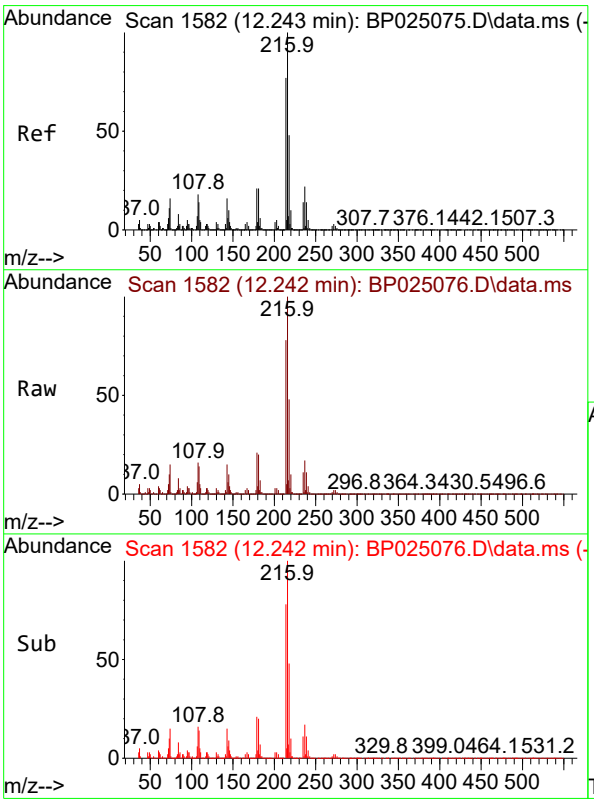
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

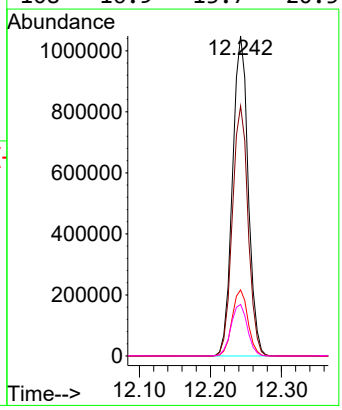


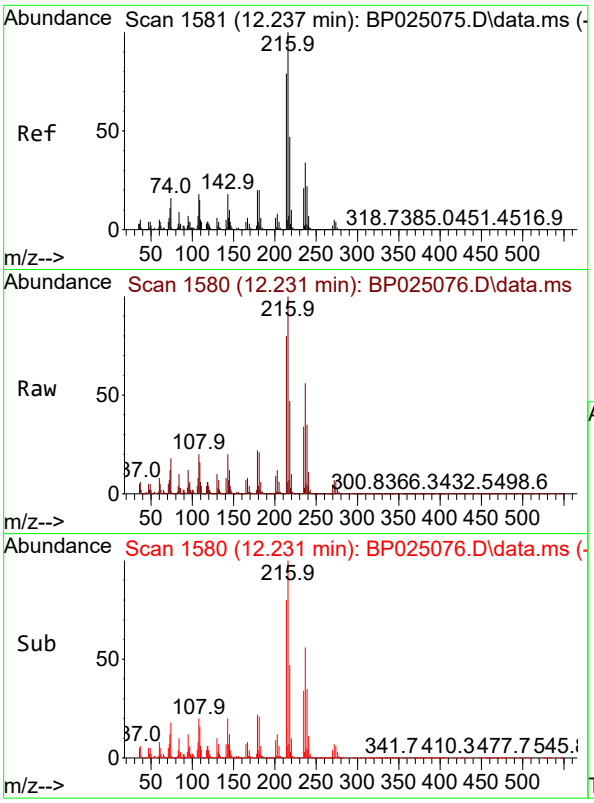


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.237 ng
RT: 12.242 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



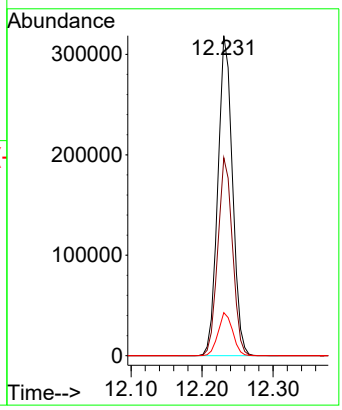


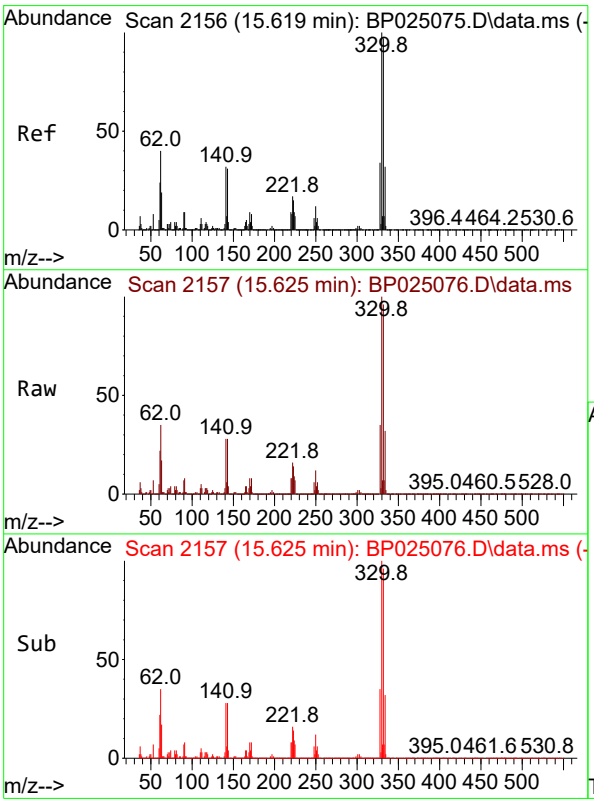
#41
Hexachlorocyclopentadiene
Concen: 53.975 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

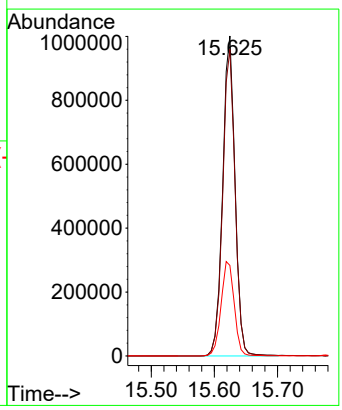


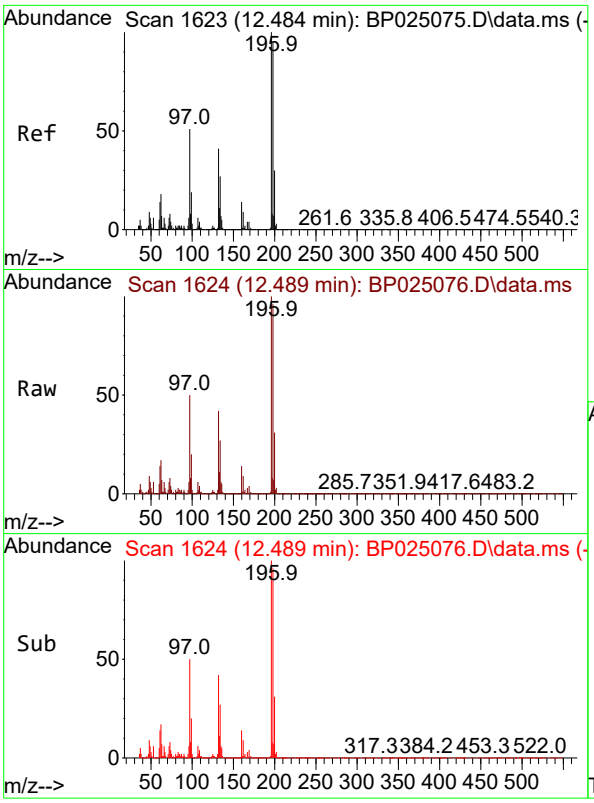


#42
2,4,6-Tribromophenol
Concen: 103.255 ng
RT: 15.625 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



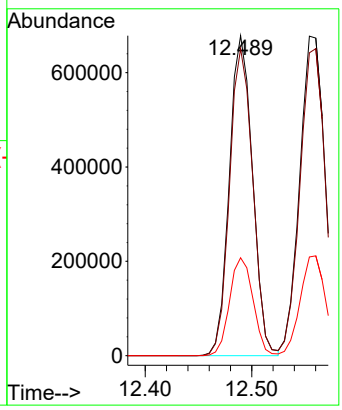


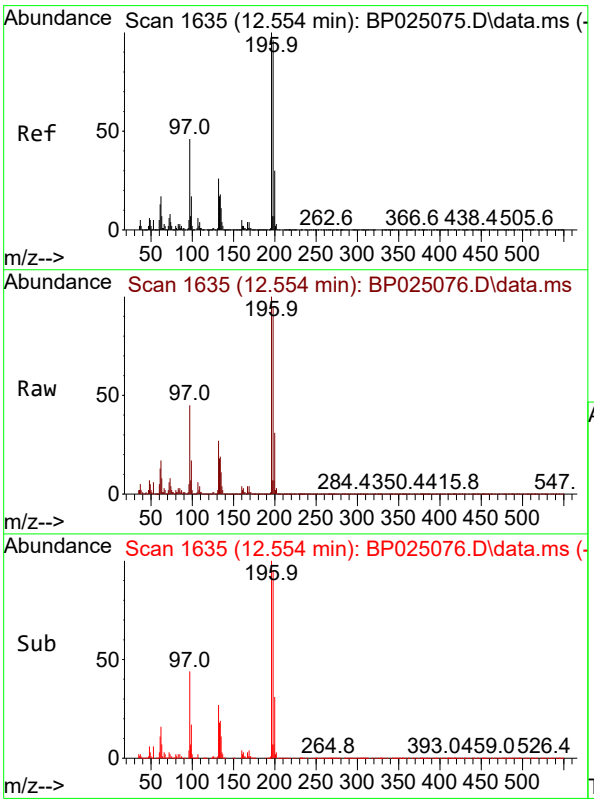
#43
2,4,6-Trichlorophenol
Concen: 52.823 ng
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

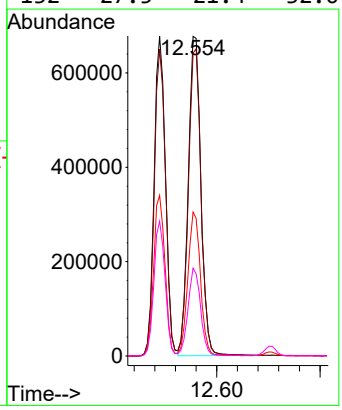


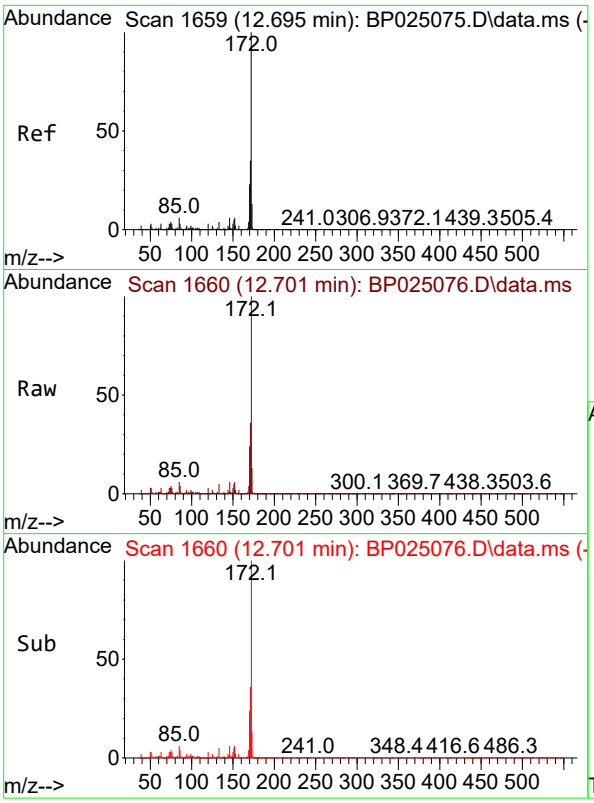


#44
2,4,5-Trichlorophenol
Concen: 52.275 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



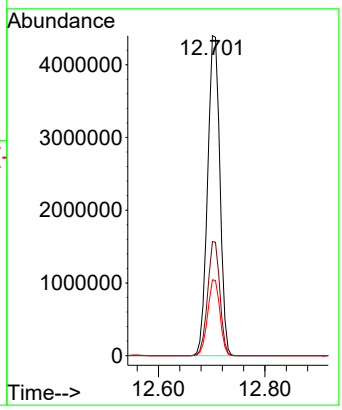


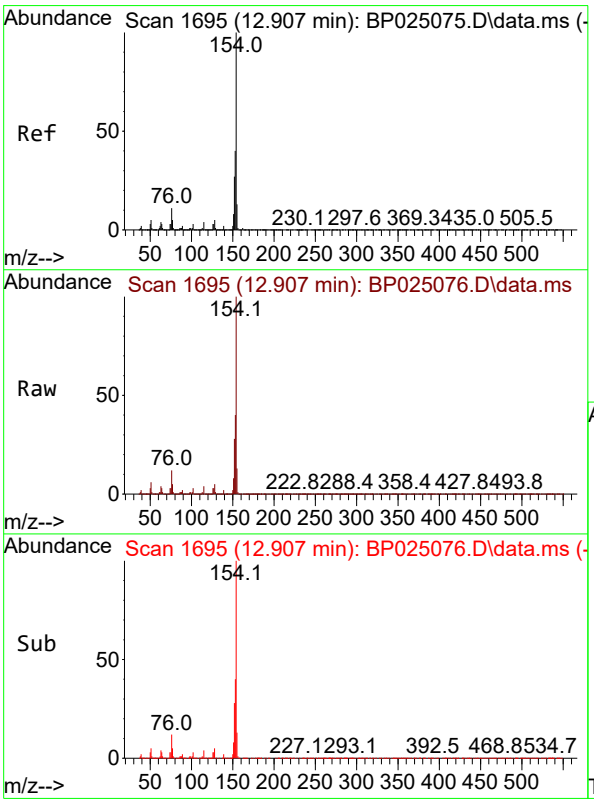
#45
2-Fluorobiphenyl
Concen: 97.594 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

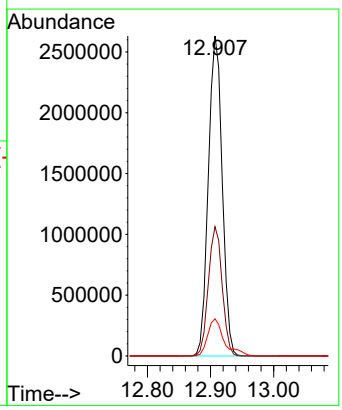


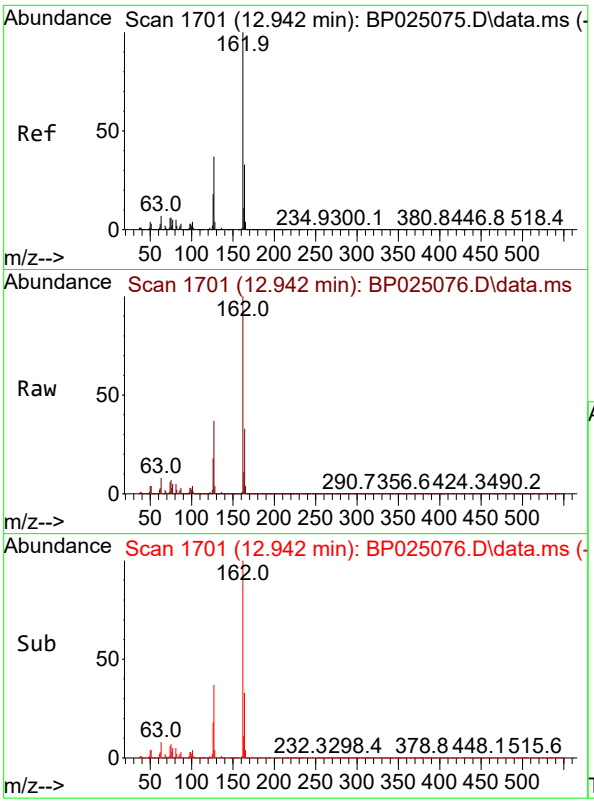


#46
1,1'-Biphenyl
Concen: 49.294 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



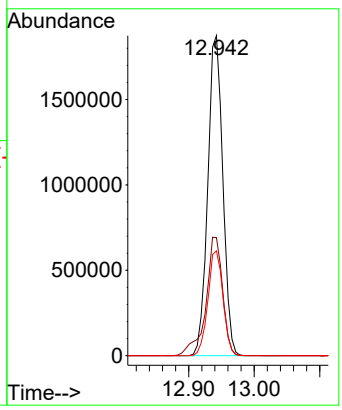


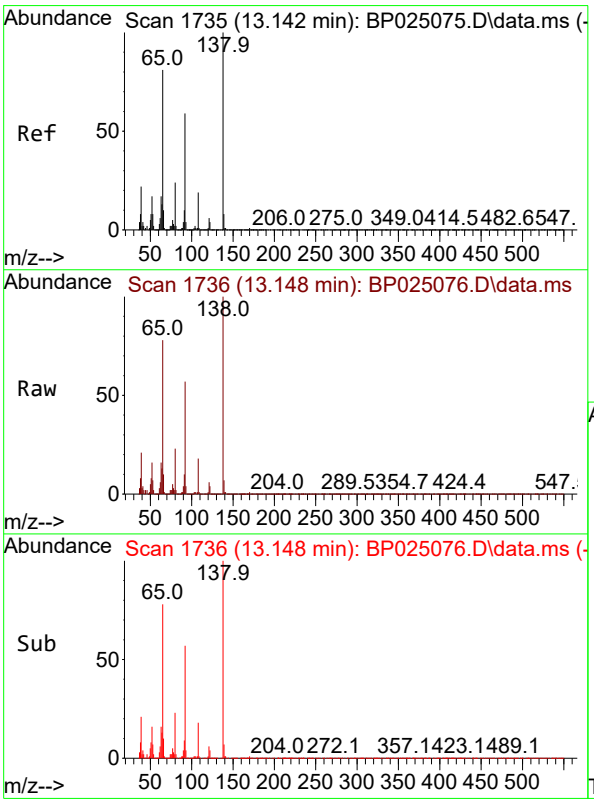
#47
2-Chloronaphthalene
Concen: 48.883 ng
RT: 12.942 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

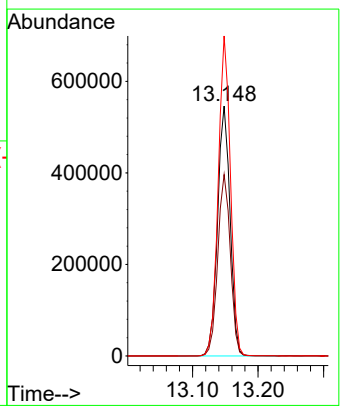


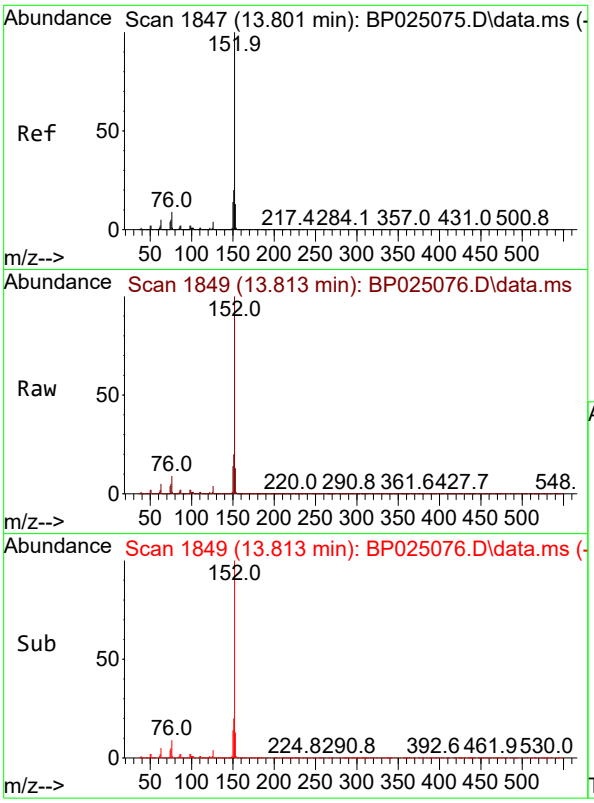


#48
2-Nitroaniline
Concen: 48.247 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



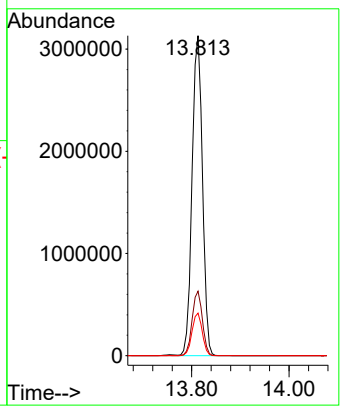


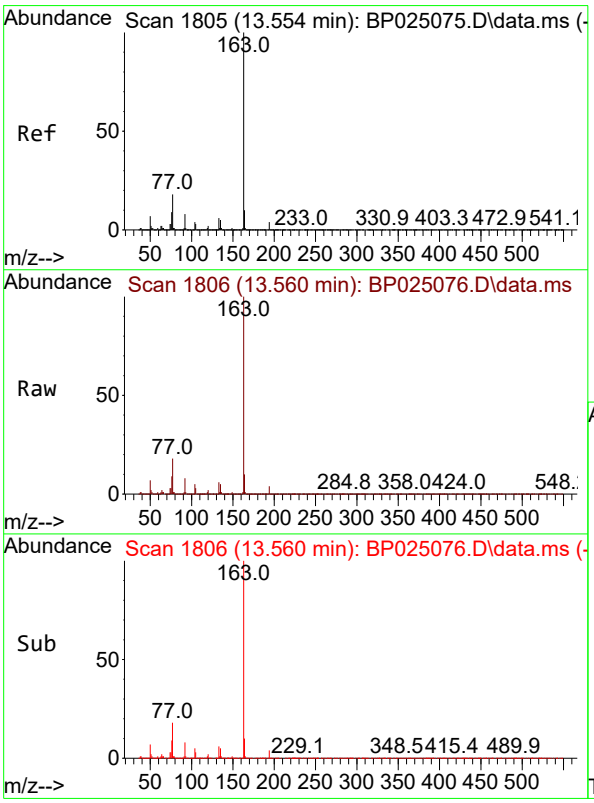
#49
Acenaphthylene
Concen: 49.571 ng
RT: 13.813 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

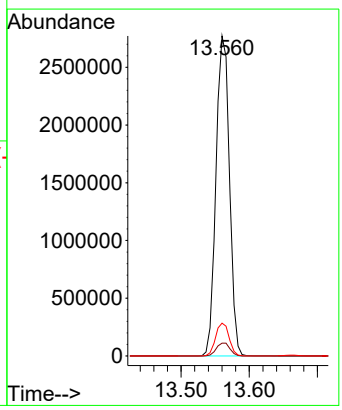


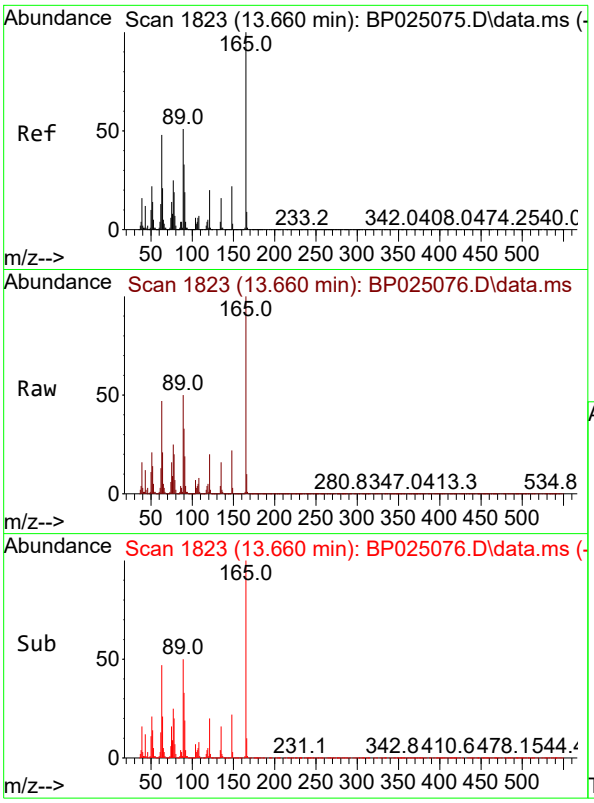


#50
Dimethylphthalate
Concen: 48.733 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



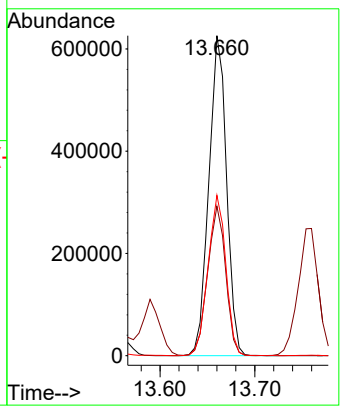


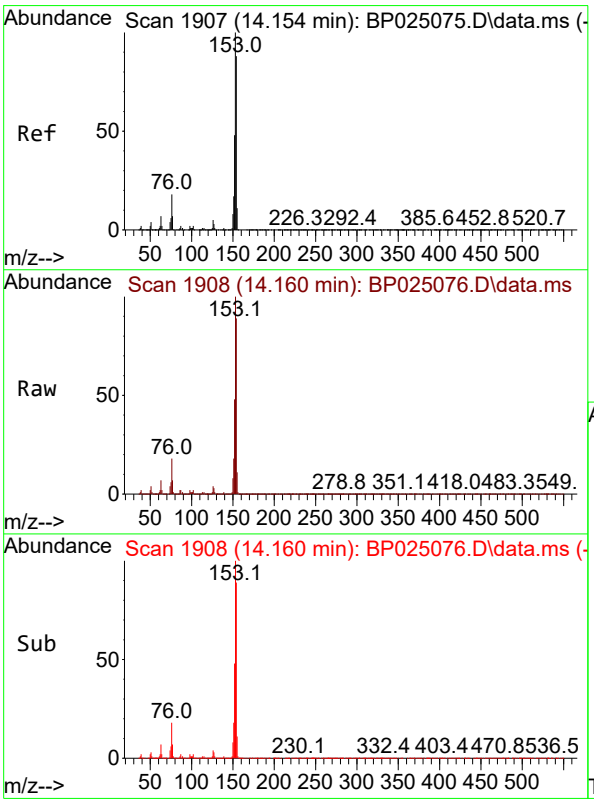
#51
2,6-Dinitrotoluene
Concen: 53.202 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

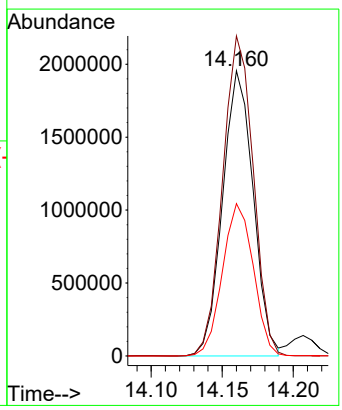


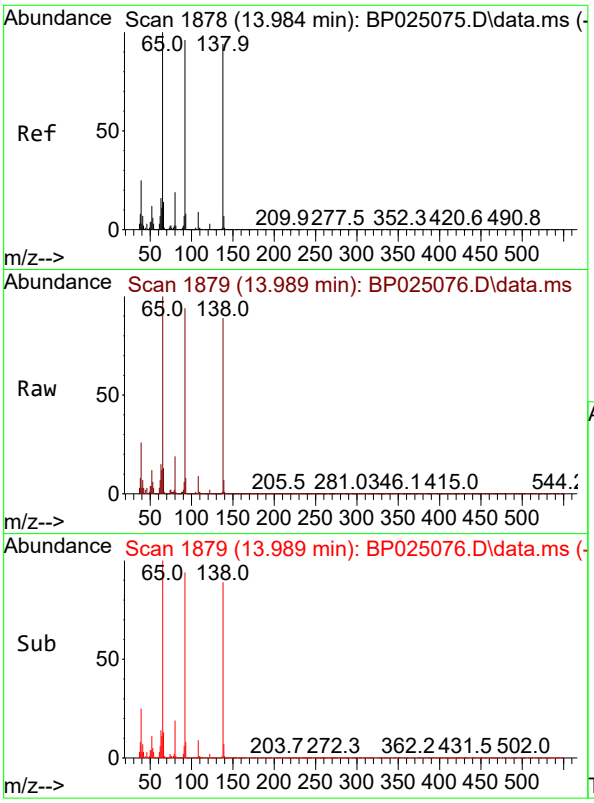


#52
Acenaphthene
Concen: 48.515 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



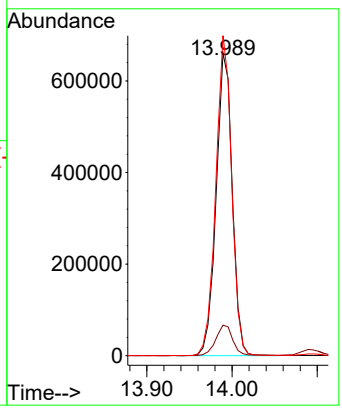


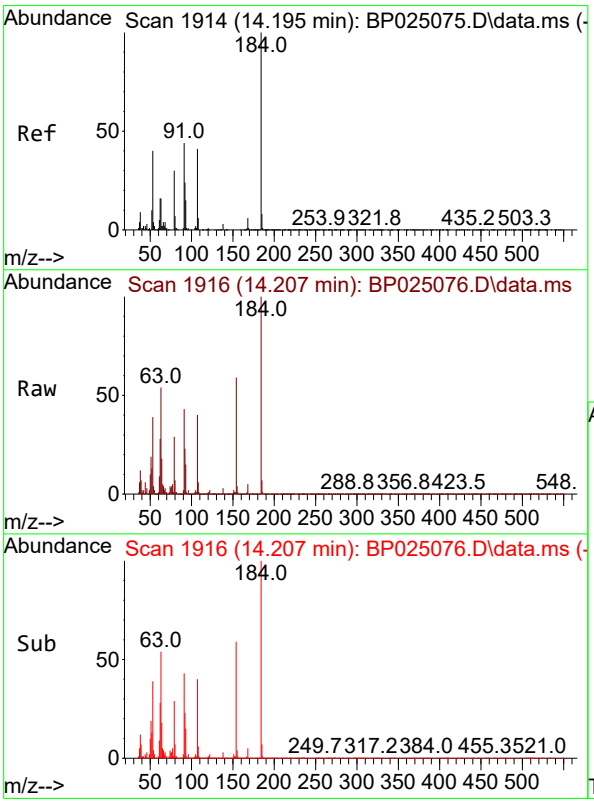
#53
3-Nitroaniline
Concen: 52.965 ng
RT: 13.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

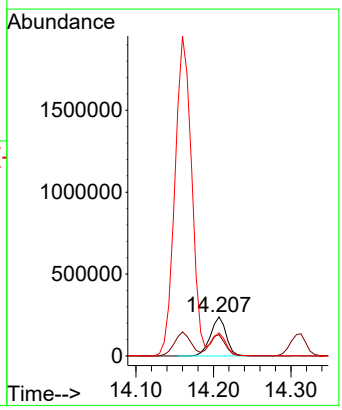


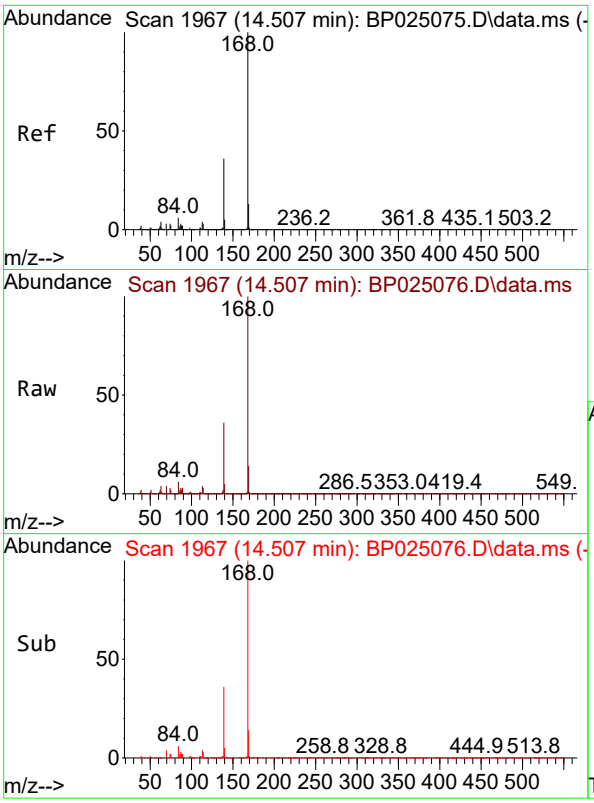


#54
2,4-Dinitrophenol
Concen: 47.384 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



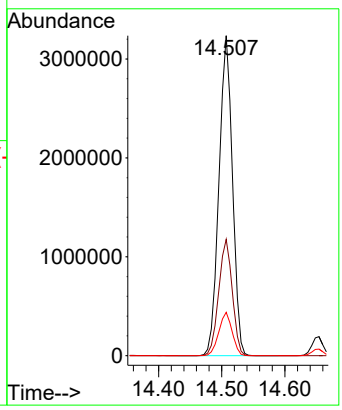


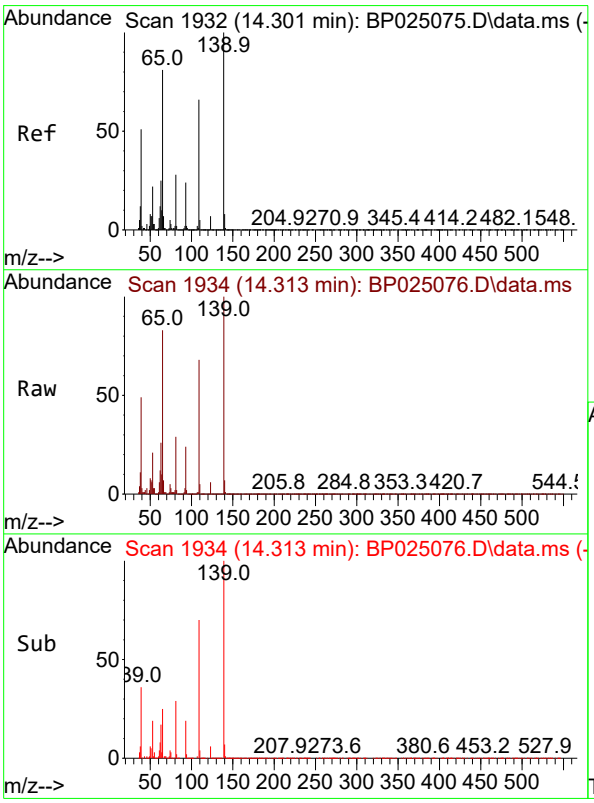
#55
Dibenzofuran
Concen: 48.287 ng
RT: 14.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

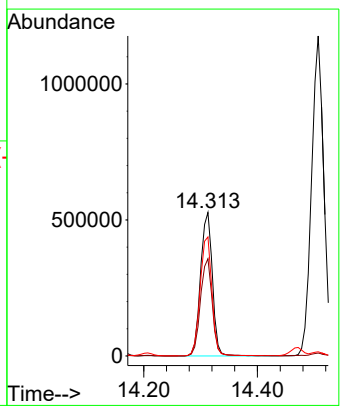


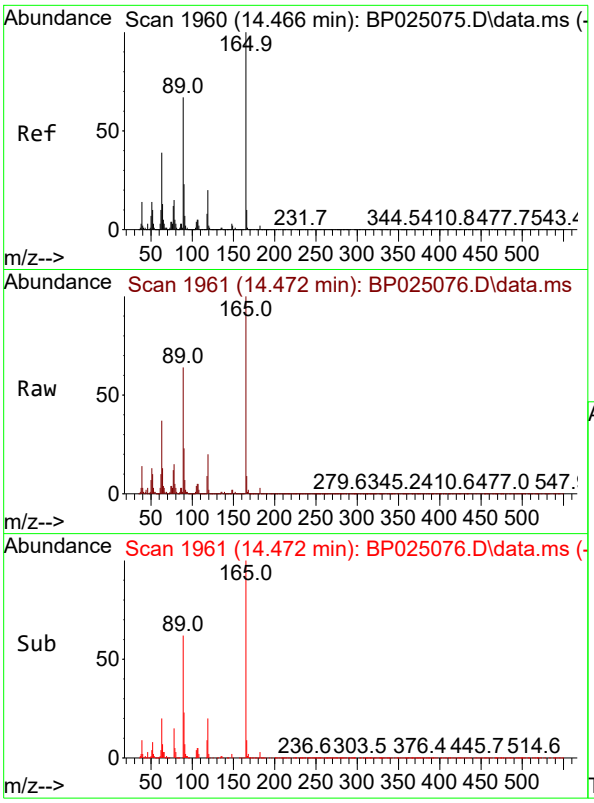


#56
4-Nitrophenol
Concen: 50.679 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



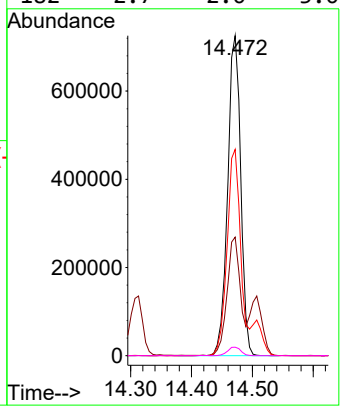


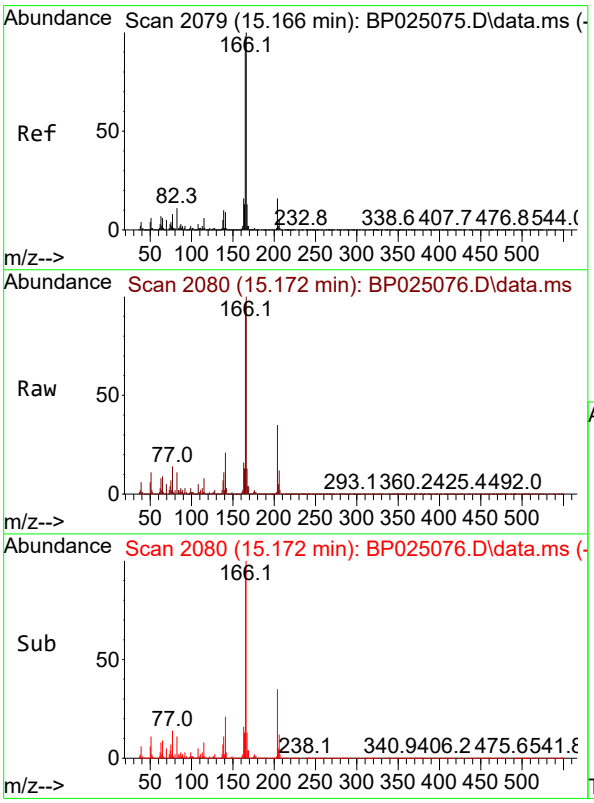
#57
2,4-Dinitrotoluene
Concen: 48.291 ng
RT: 14.472 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

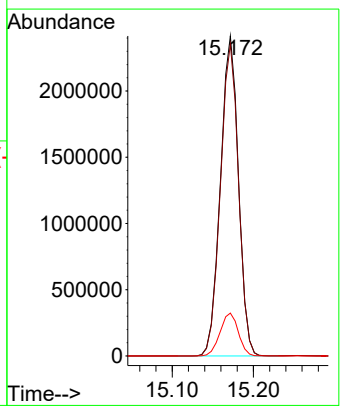


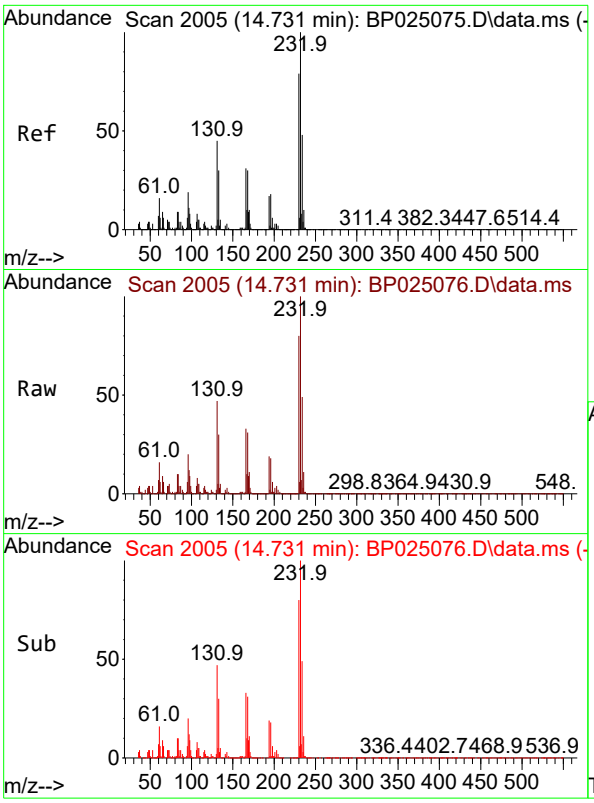


#58
Fluorene
Concen: 48.458 ng
RT: 15.172 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



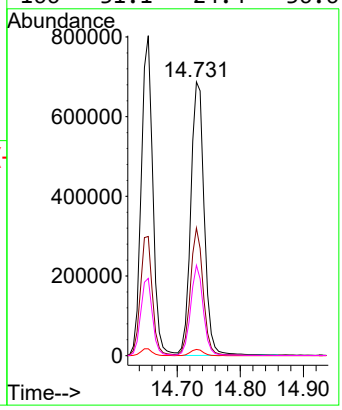


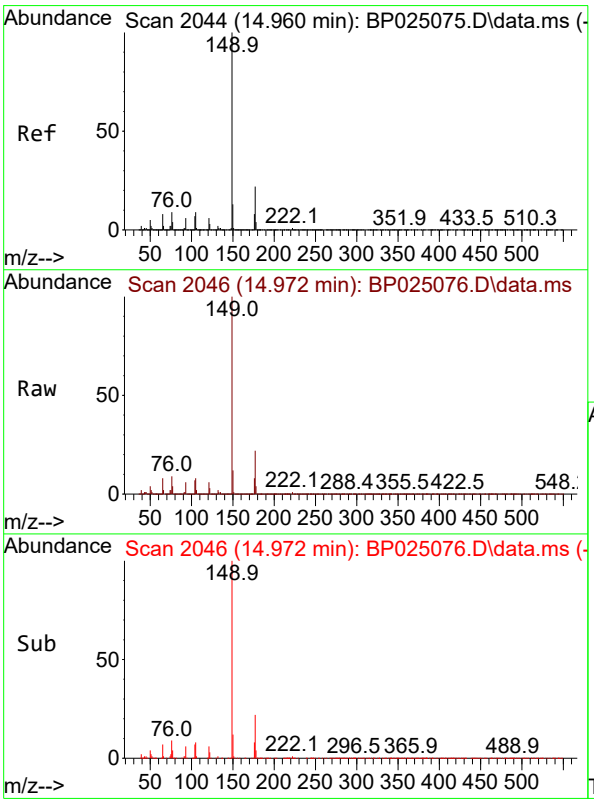
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.872 ng
RT: 14.731 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

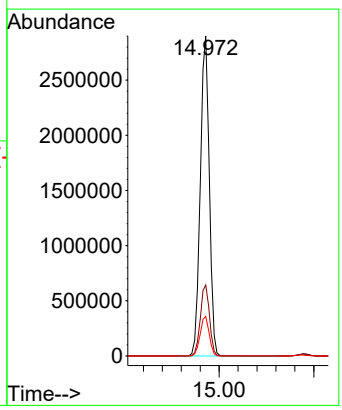


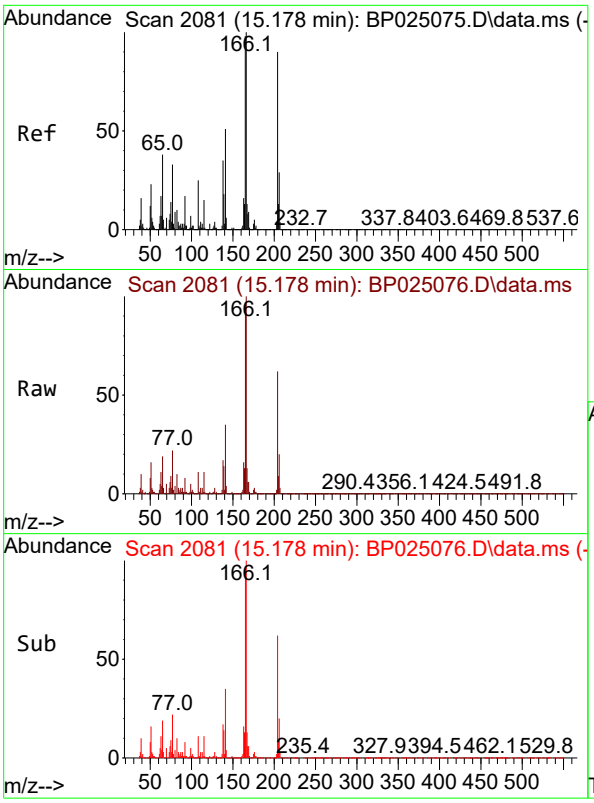


#60
Diethylphthalate
Concen: 48.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



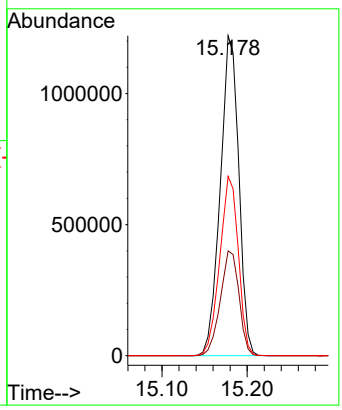


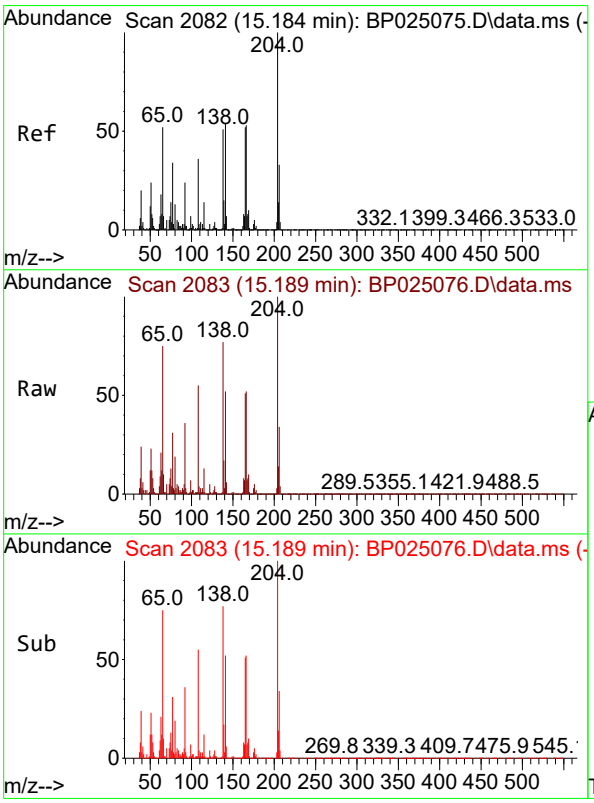
#61
4-Chlorophenyl-phenylether
Concen: 48.332 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

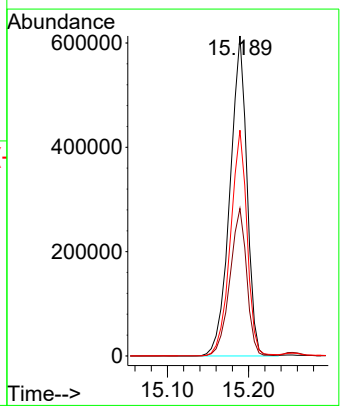


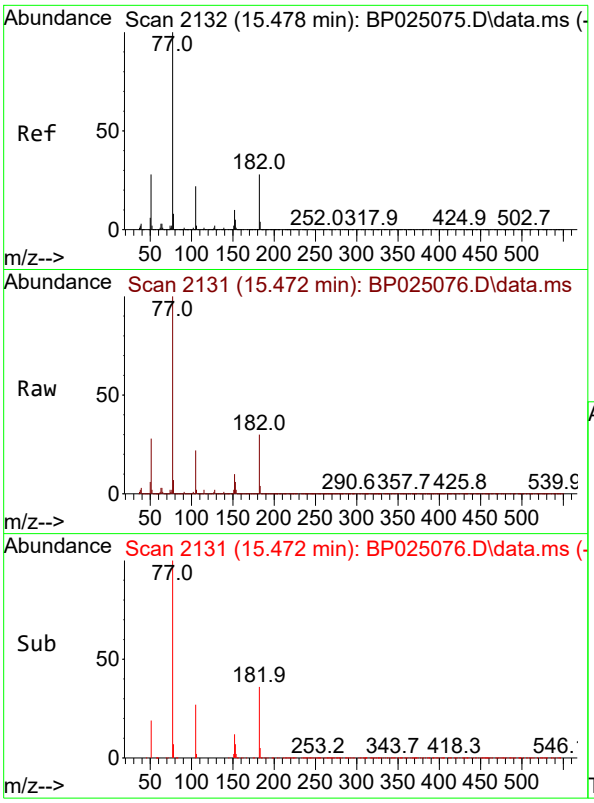


#62
4-Nitroaniline
Concen: 51.948 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



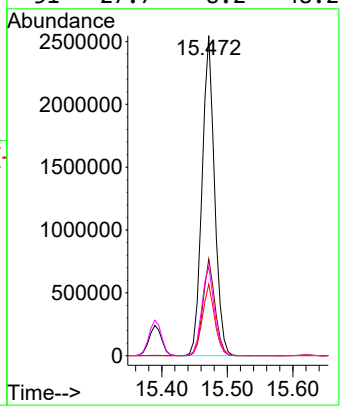


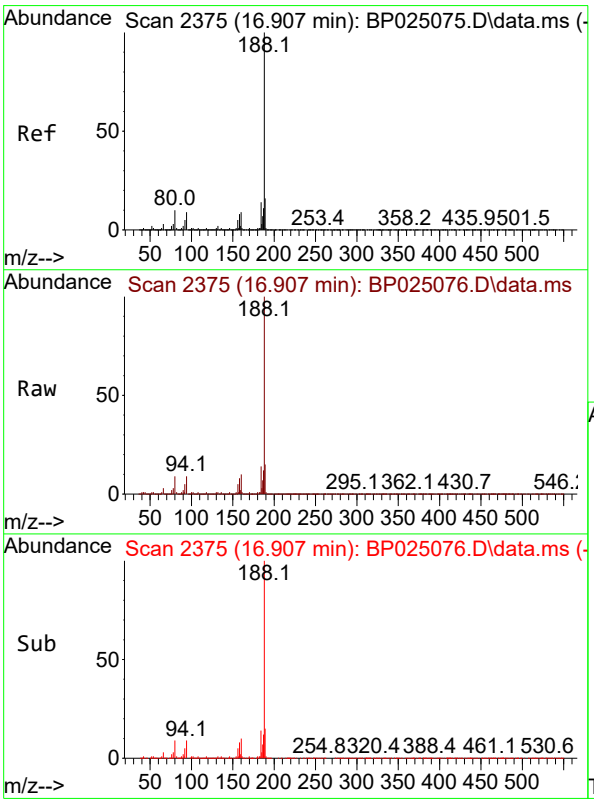
#63
Azobenzene
Concen: 48.355 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

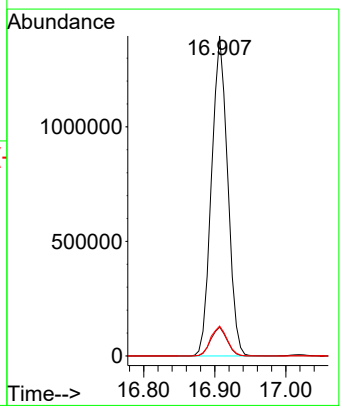


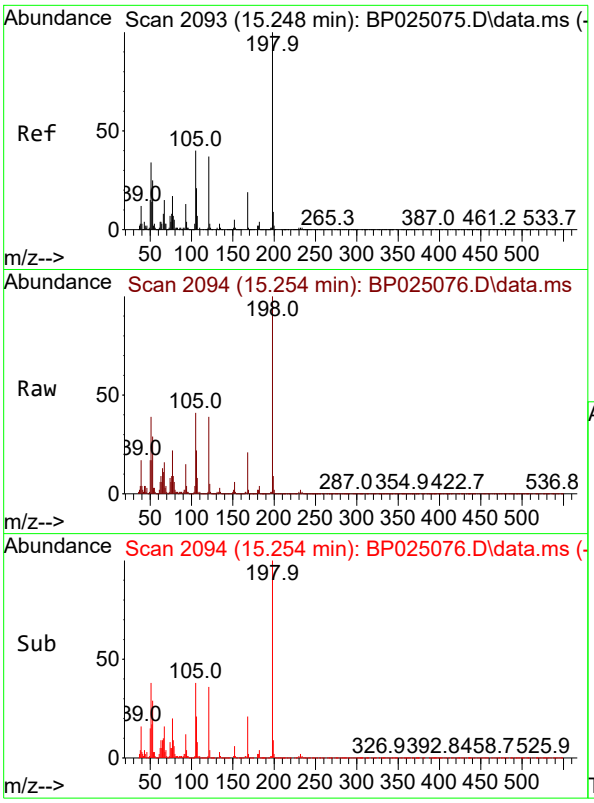


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



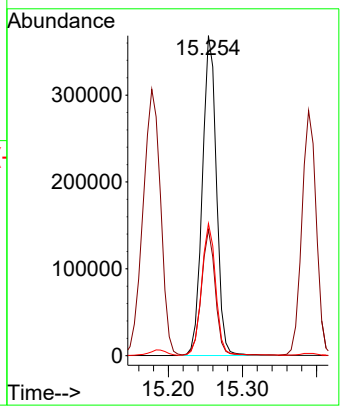


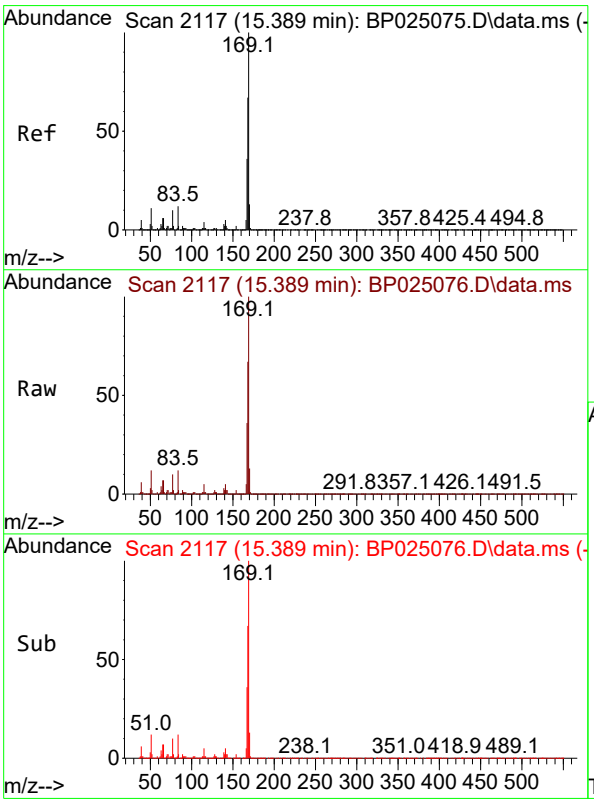
#65
4,6-Dinitro-2-methylphenol
Concen: 48.762 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

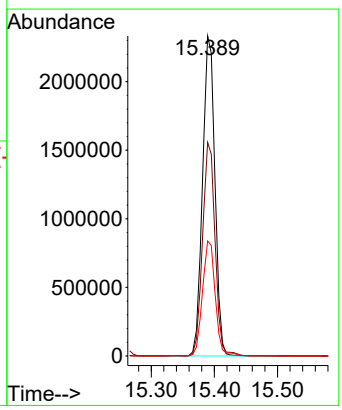


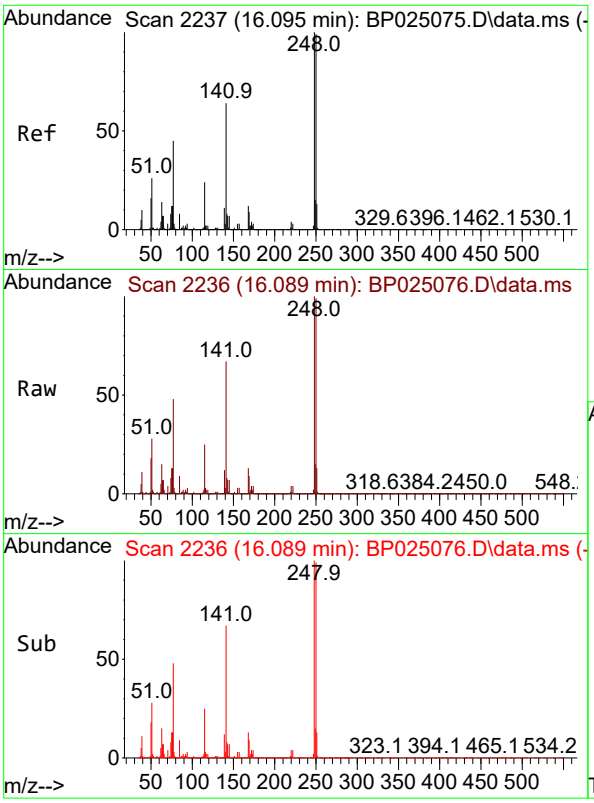


#66
n-Nitrosodiphenylamine
Concen: 50.162 ng
RT: 15.389 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



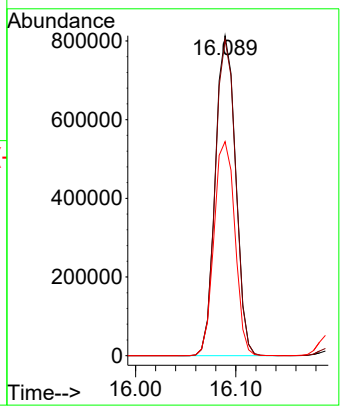


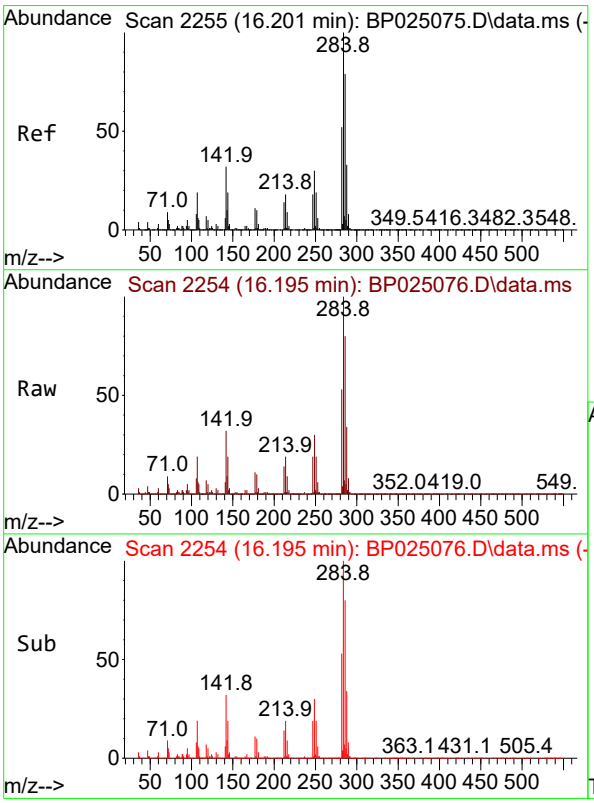
#67
4-Bromophenyl-phenylether
Concen: 50.881 ng
RT: 16.089 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

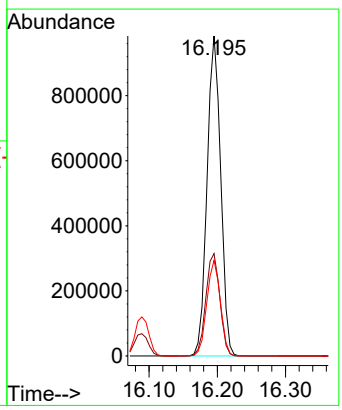


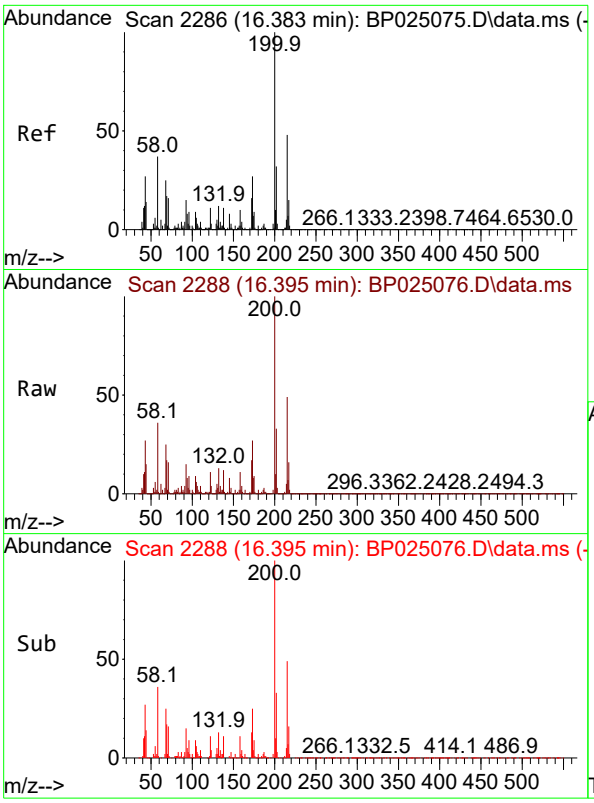


#68
Hexachlorobenzene
Concen: 49.621 ng
RT: 16.195 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



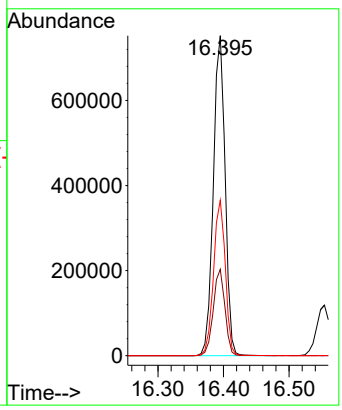


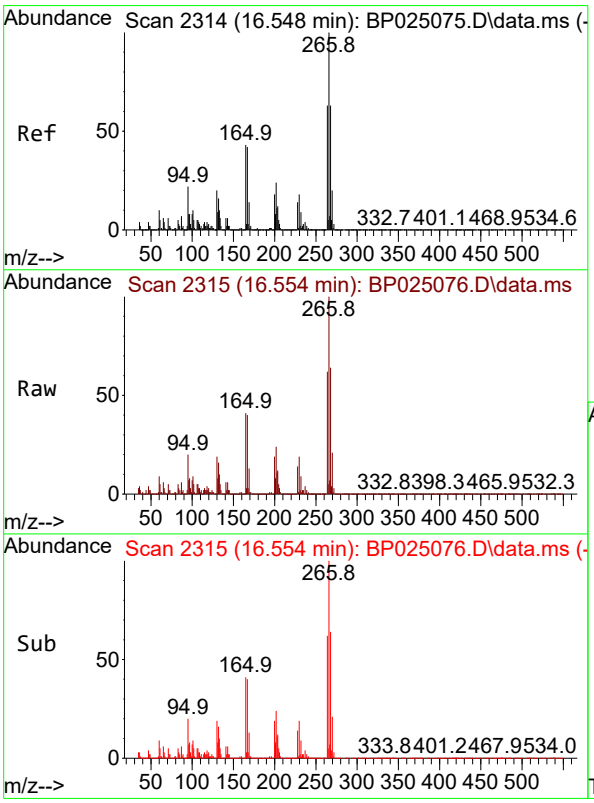
#69
Atrazine
Concen: 50.863 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

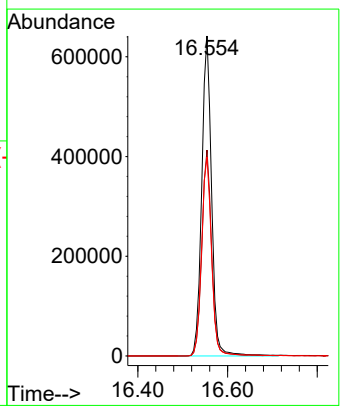


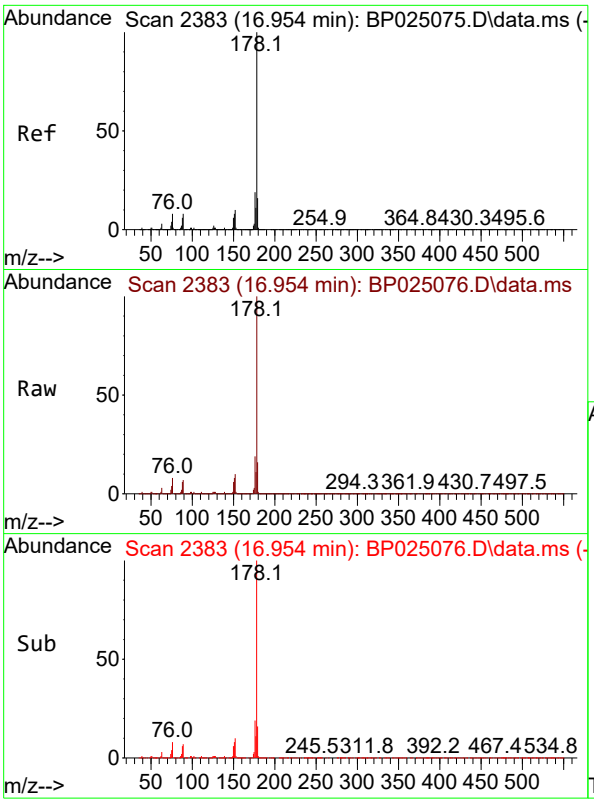


#70
Pentachlorophenol
Concen: 52.511 ng
RT: 16.554 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



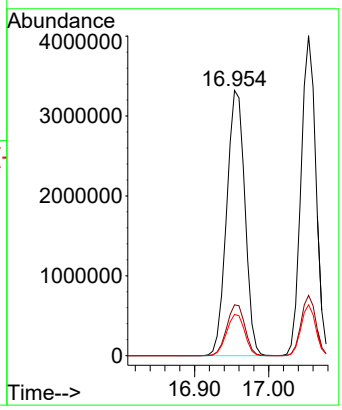


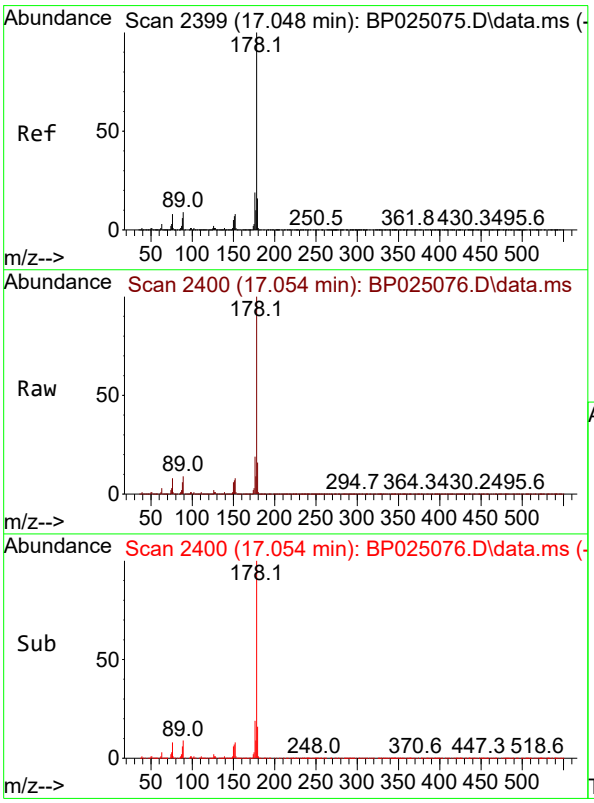
#71
Phenanthrene
Concen: 48.179 ng
RT: 16.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

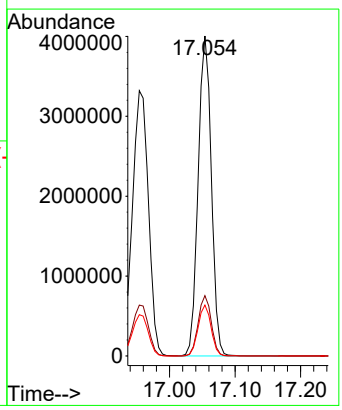


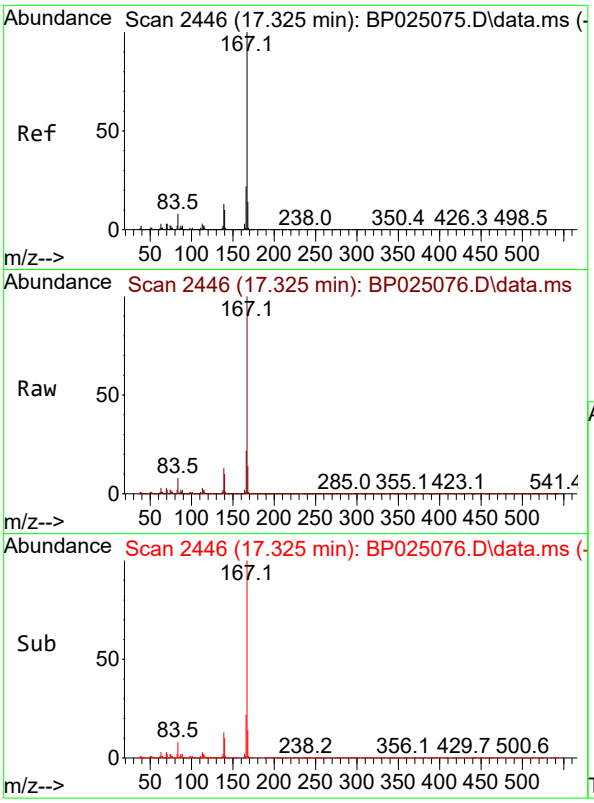


#72
Anthracene
Concen: 49.812 ng
RT: 17.054 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



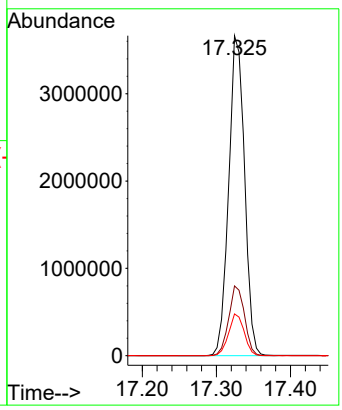


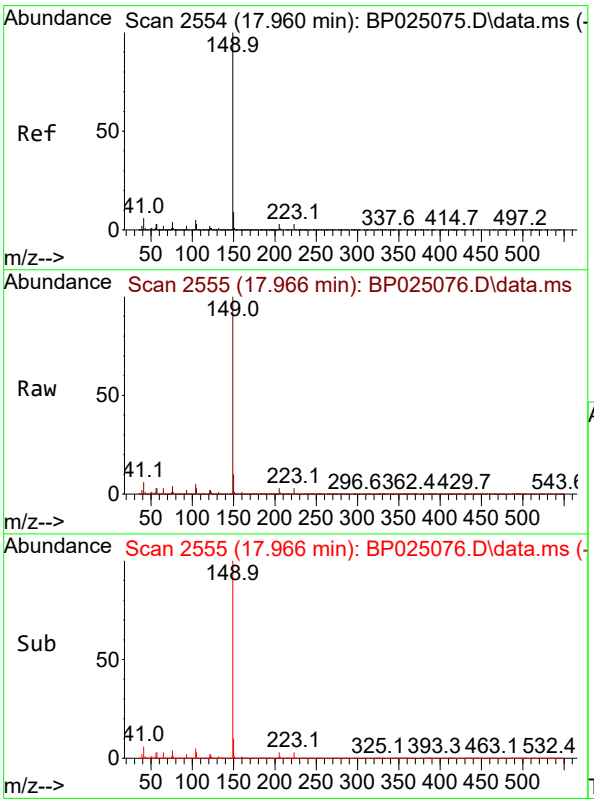
#73
Carbazole
Concen: 49.399 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

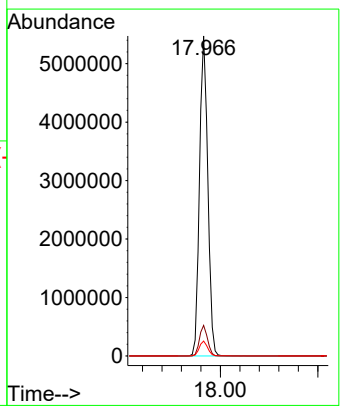


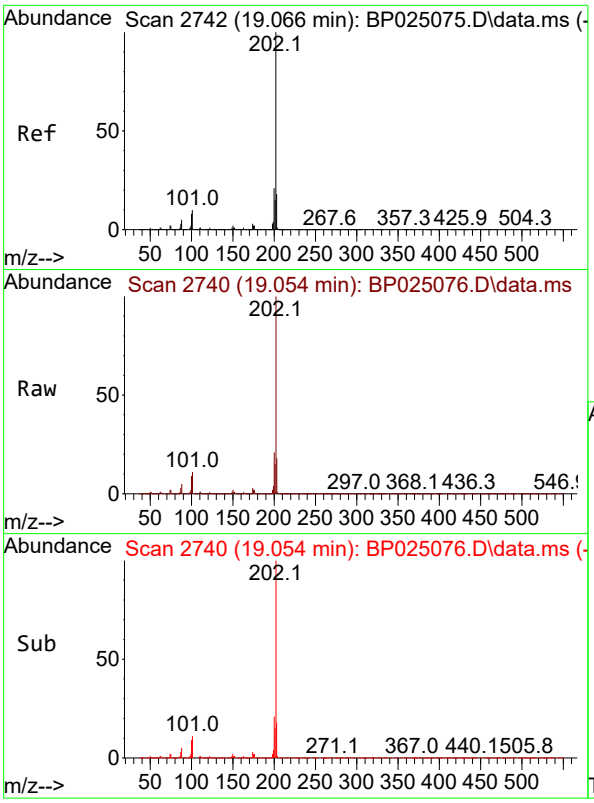


#74
Di-n-butylphthalate
Concen: 52.713 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



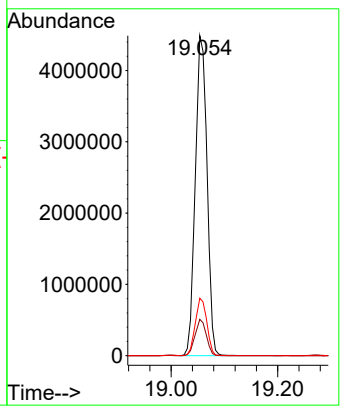


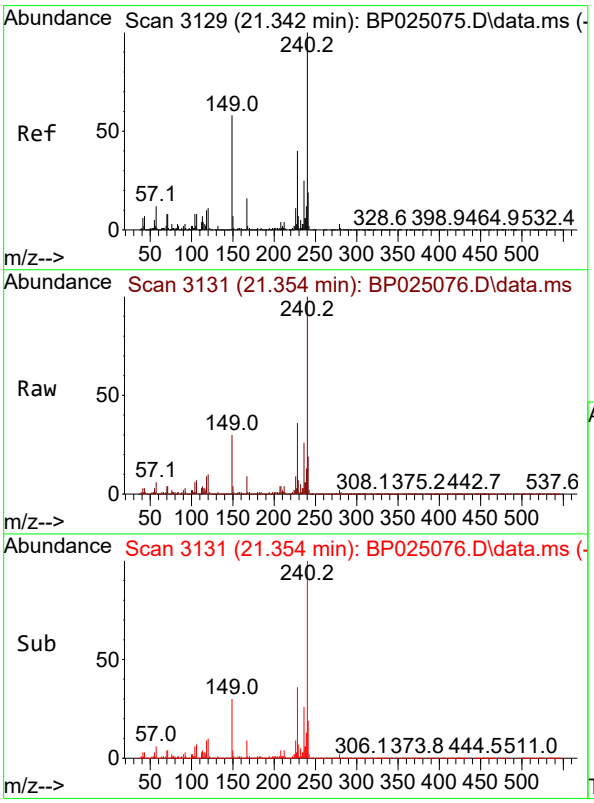
#75
Fluoranthene
Concen: 49.995 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

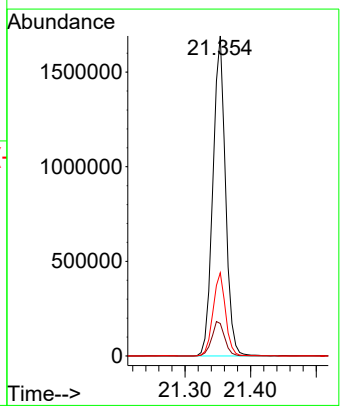


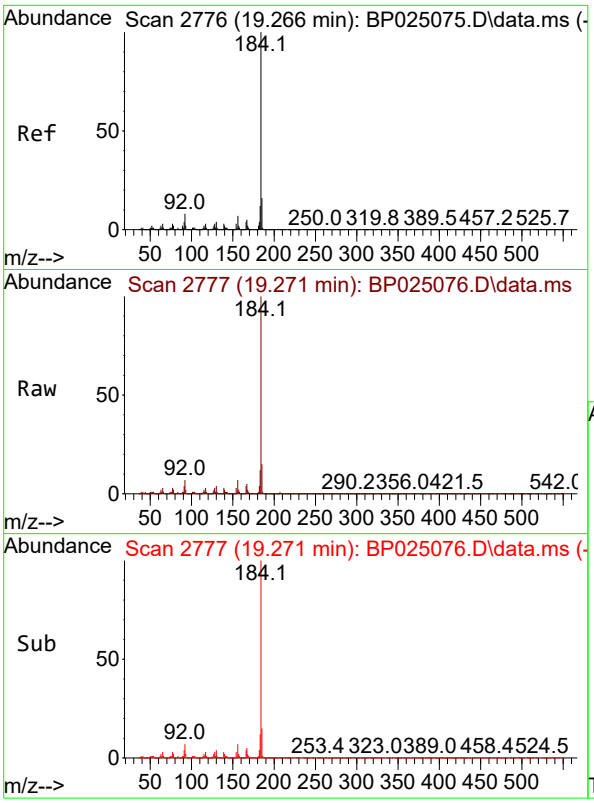


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



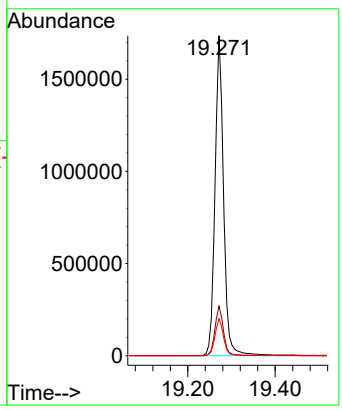


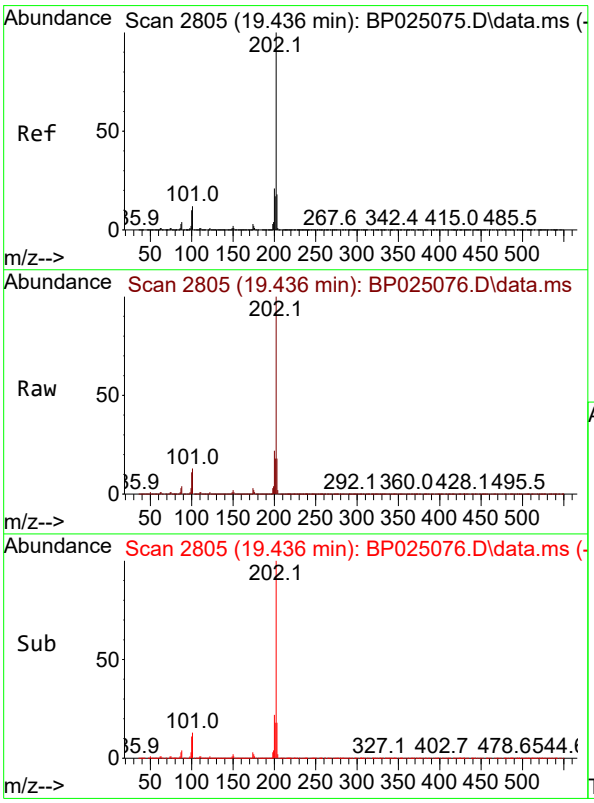
#77
Benzidine
Concen: 59.401 ng
RT: 19.271 min Scan# 2
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

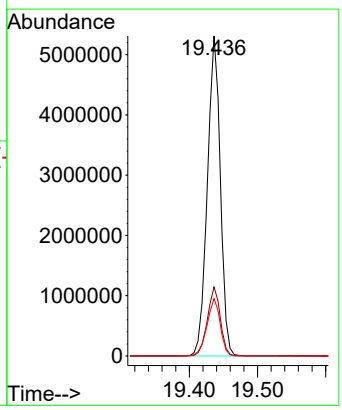


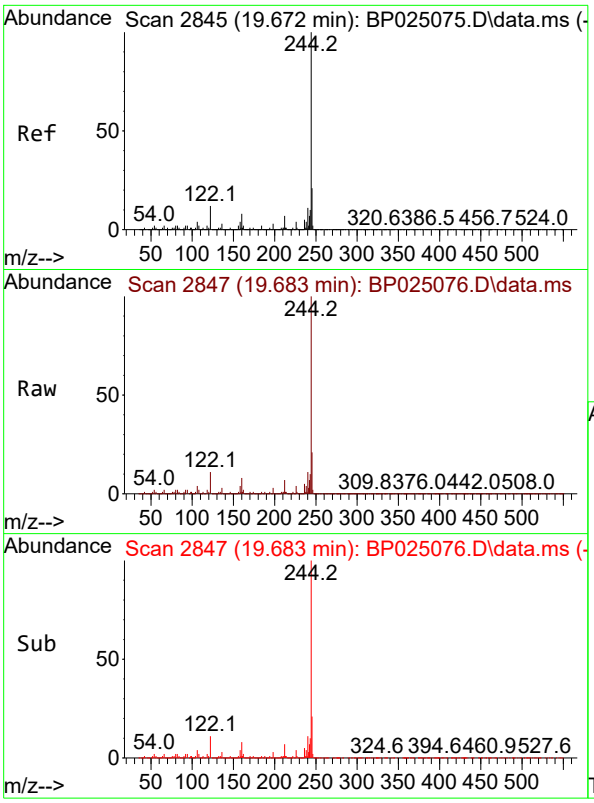


#78
Pyrene
Concen: 50.503 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



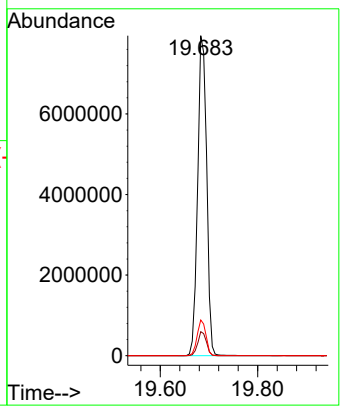


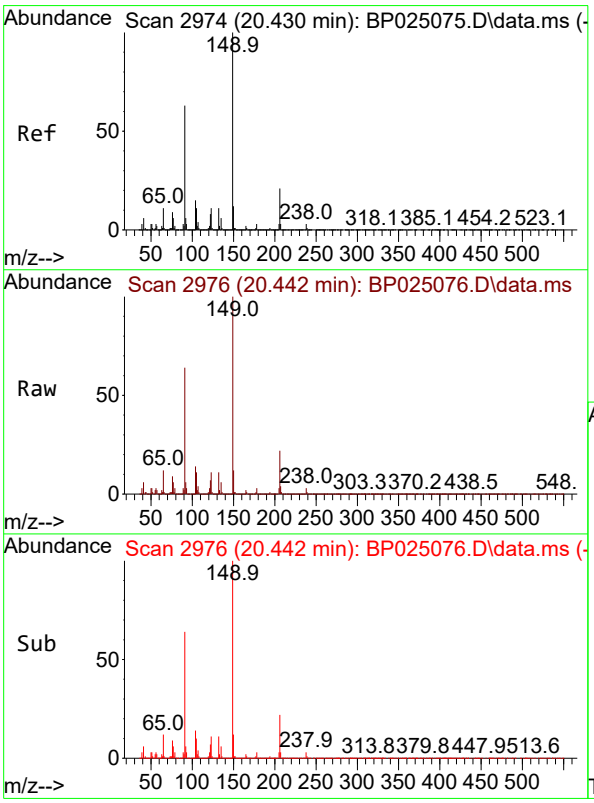
#79
Terphenyl-d14
Concen: 100.557 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

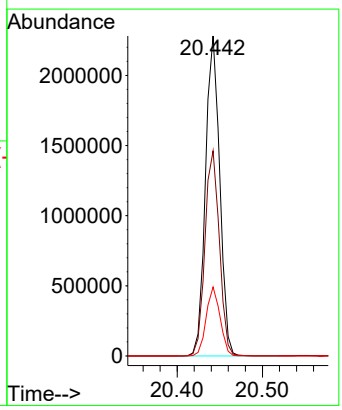


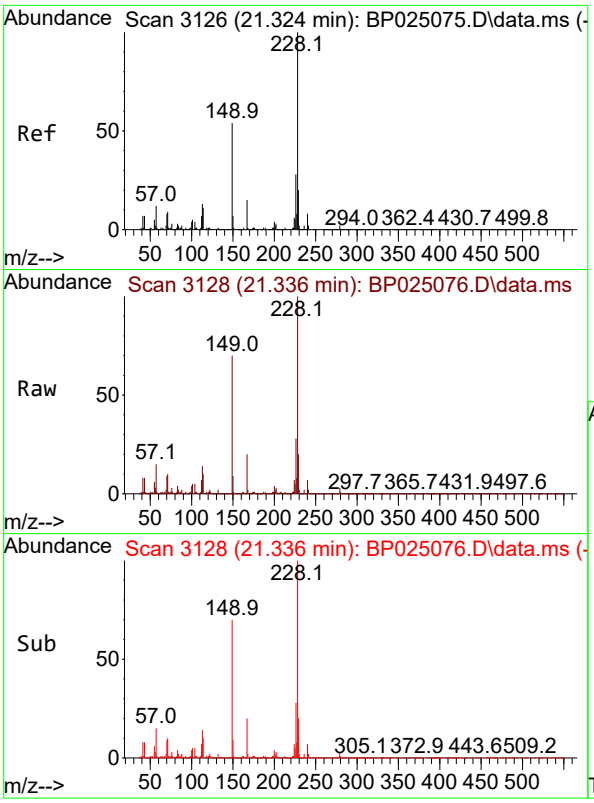


#80
Butylbenzylphthalate
Concen: 49.237 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



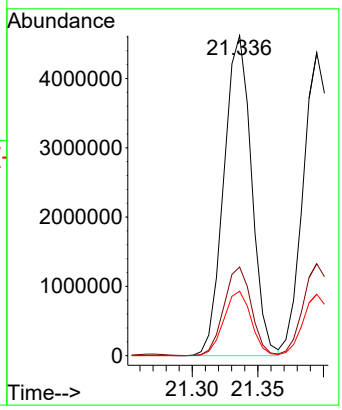


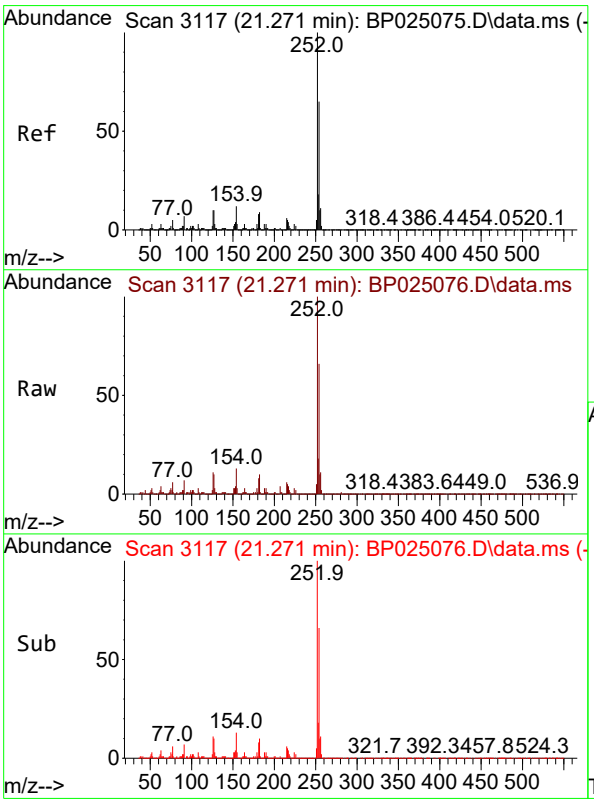
#81
Benzo(a)anthracene
Concen: 49.798 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

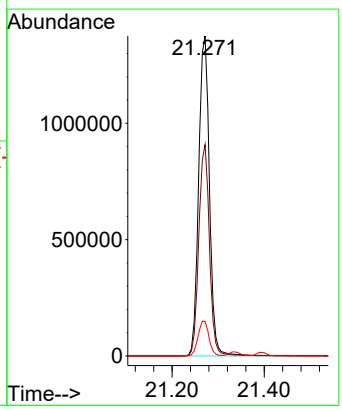


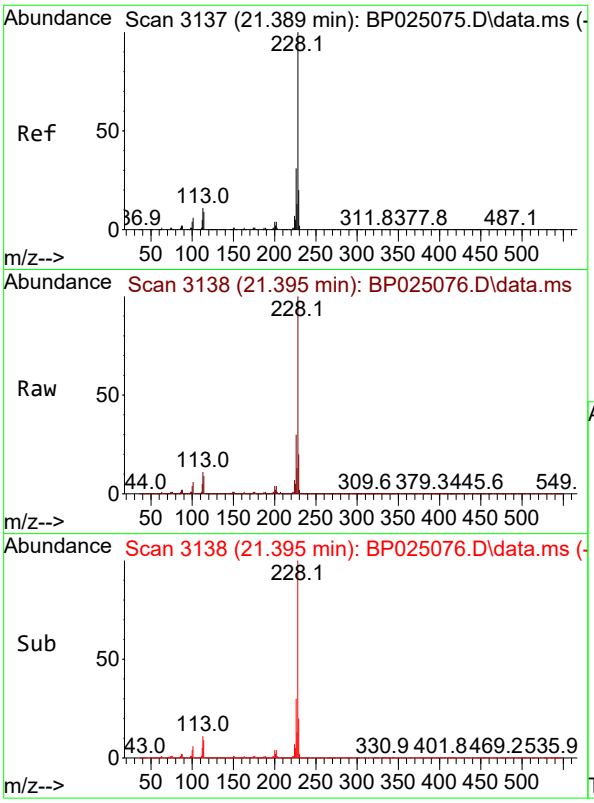


#82
3,3'-Dichlorobenzidine
Concen: 54.684 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



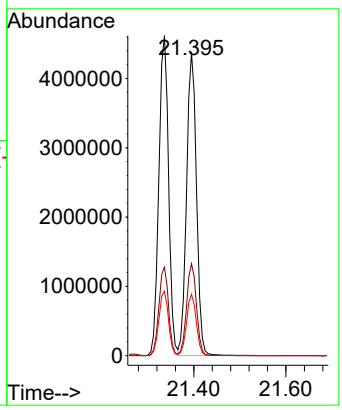


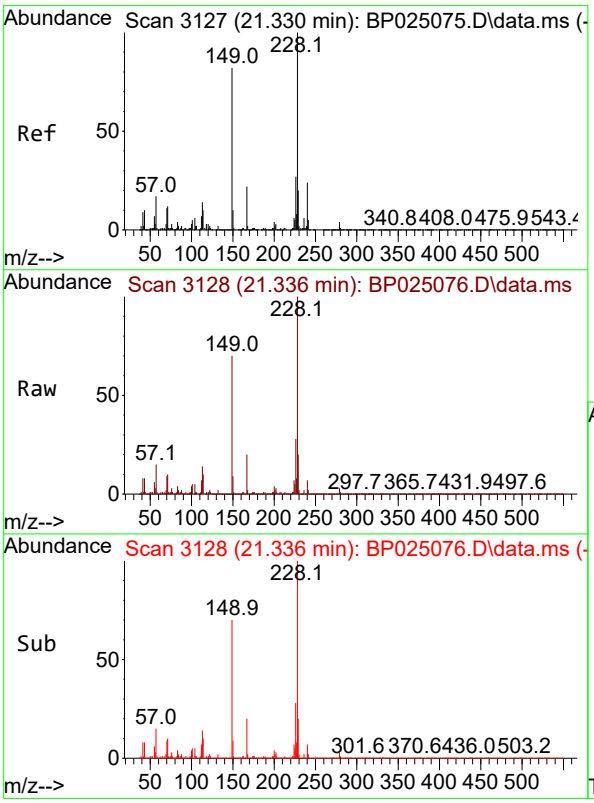
#83
Chrysene
Concen: 49.609 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

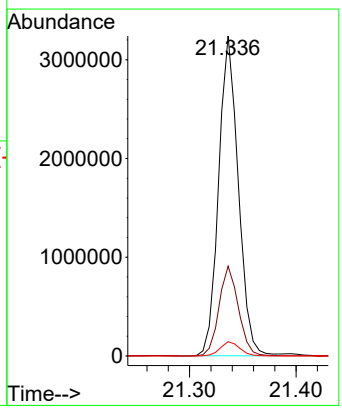


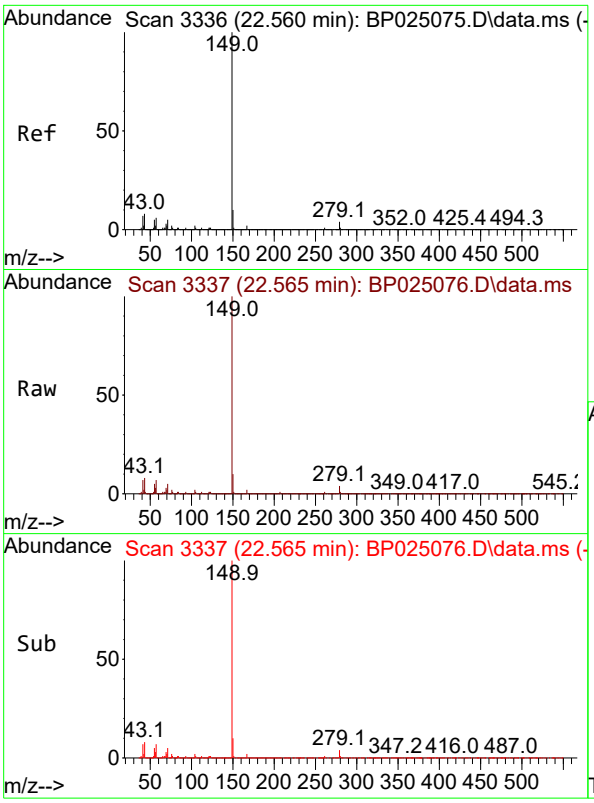


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.690 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



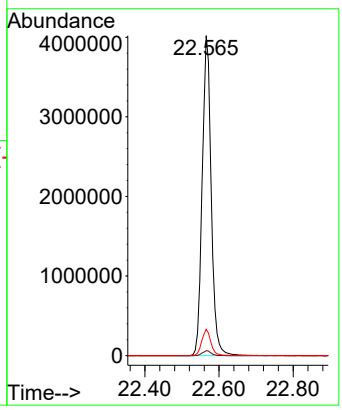


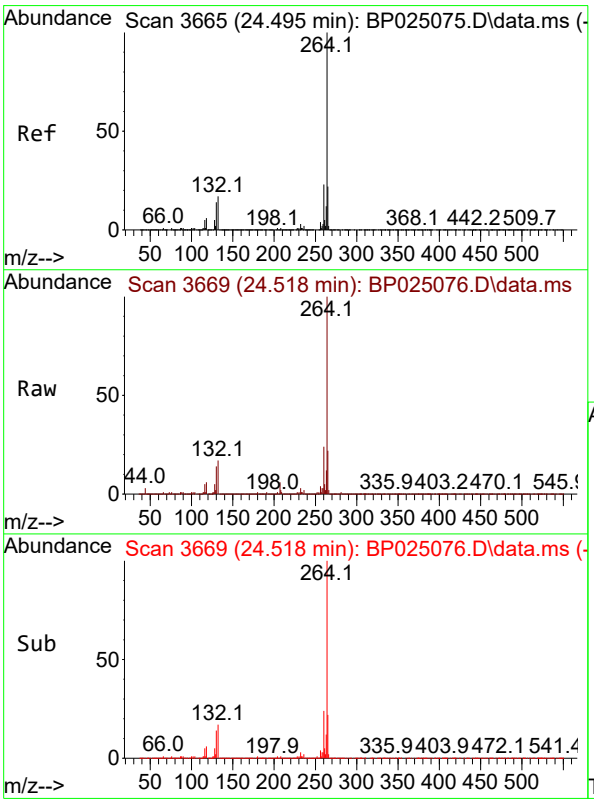
#85
Di-n-octyl phthalate
Concen: 50.271 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

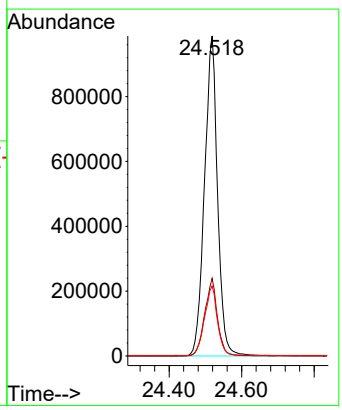


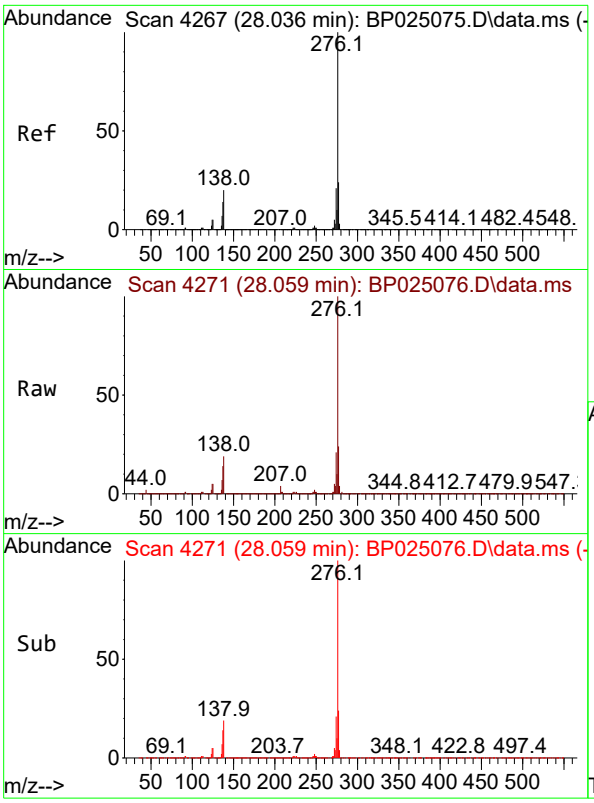


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.518 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



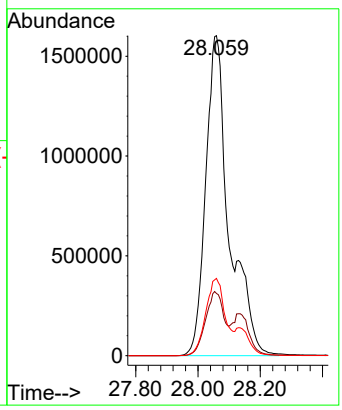


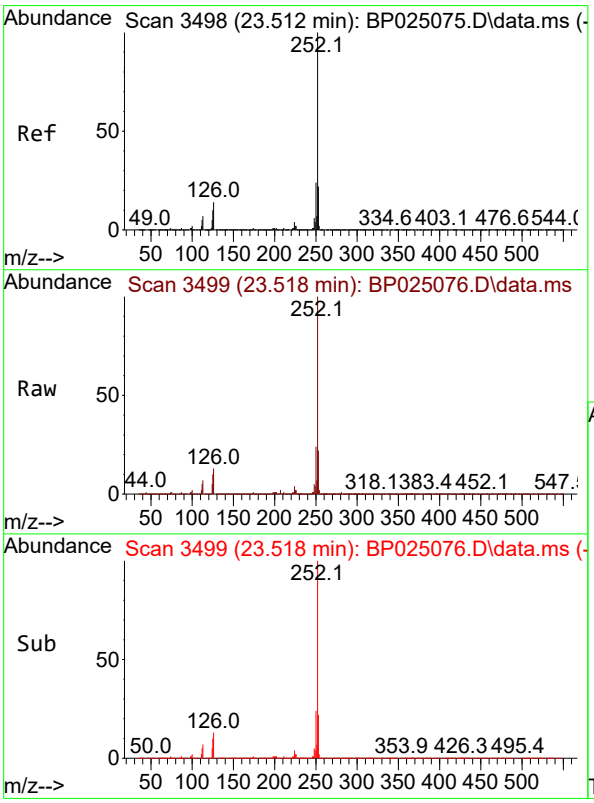
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.583 ng m
RT: 28.059 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

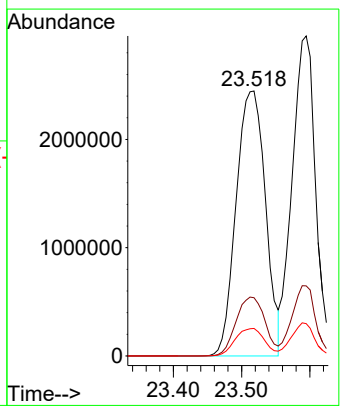


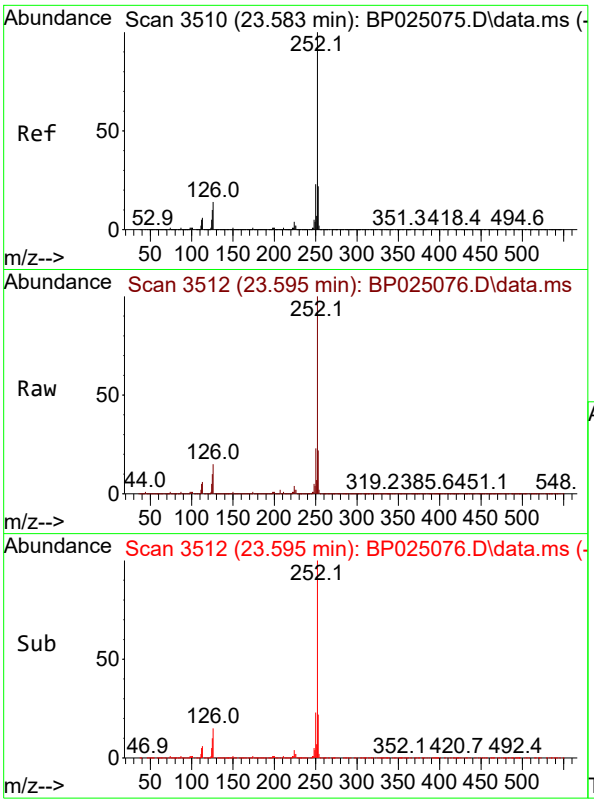


#88
Benzo(b)fluoranthene
Concen: 51.035 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



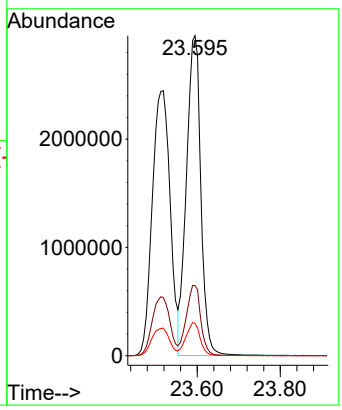


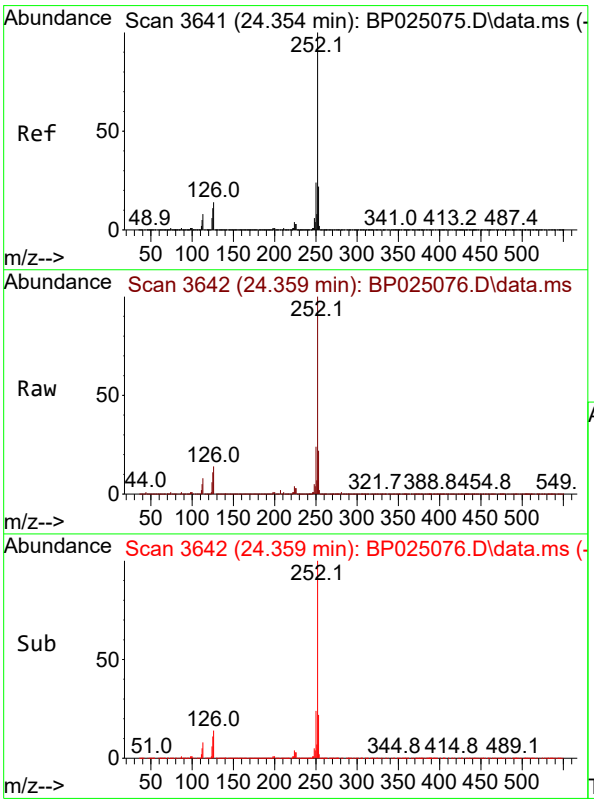
#89
Benzo(k)fluoranthene
Concen: 49.931 ng
RT: 23.595 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

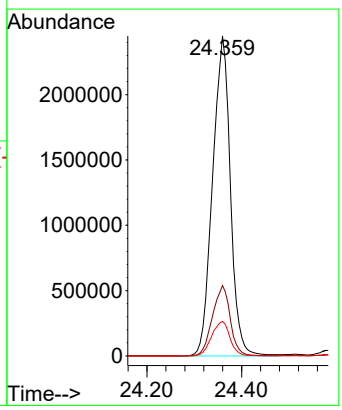


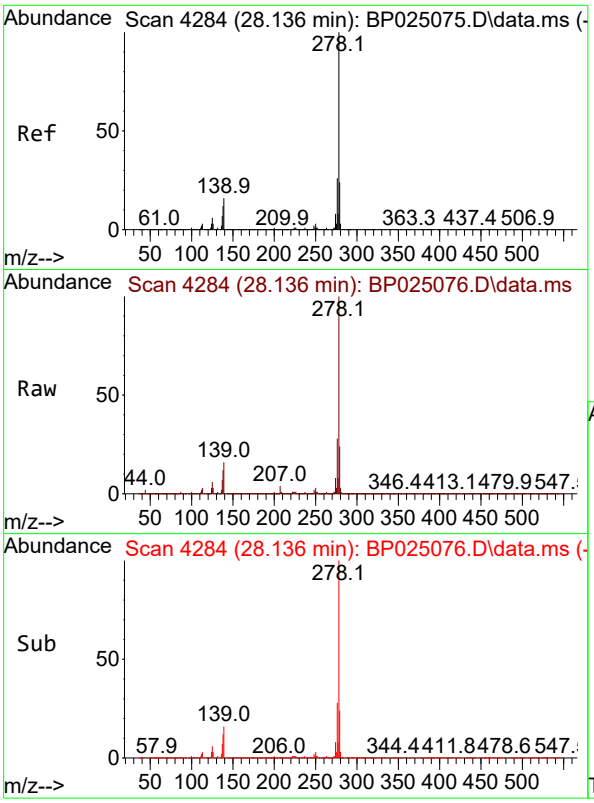


#90
Benzo(a)pyrene
Concen: 52.234 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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



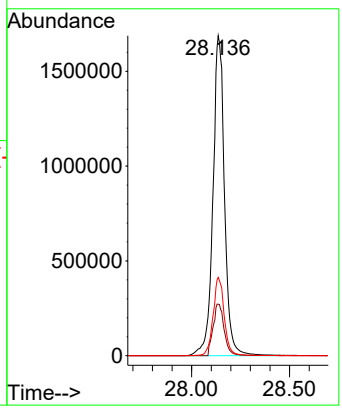


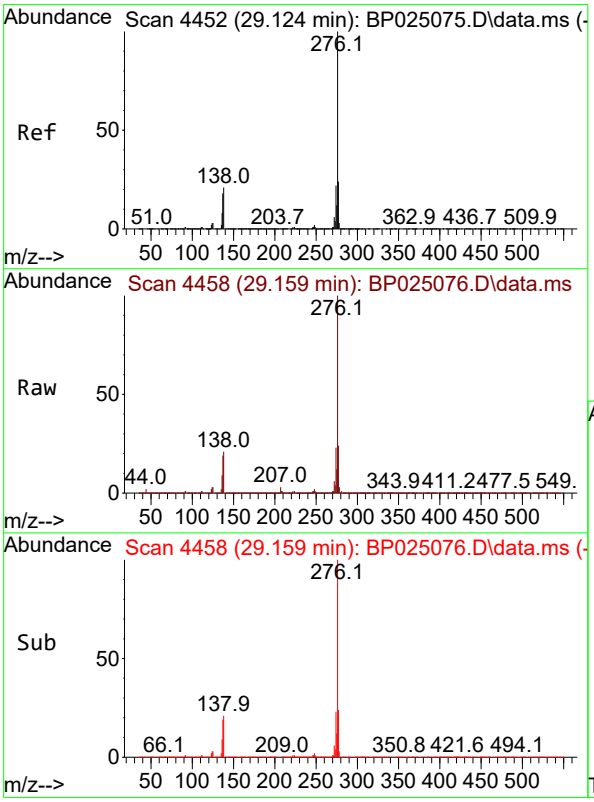
#91
Dibenzo(a,h)anthracene
Concen: 53.464 ng
RT: 28.136 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

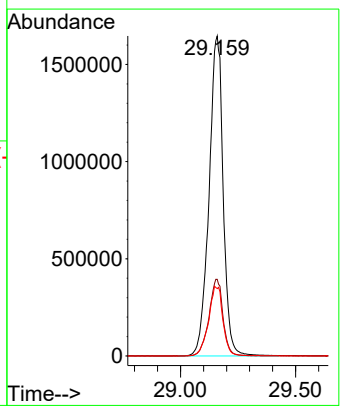




#92
Benzo(g,h,i)perylene
Concen: 52.480 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025076.D
Acq: 03 Jul 2025 13:07

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

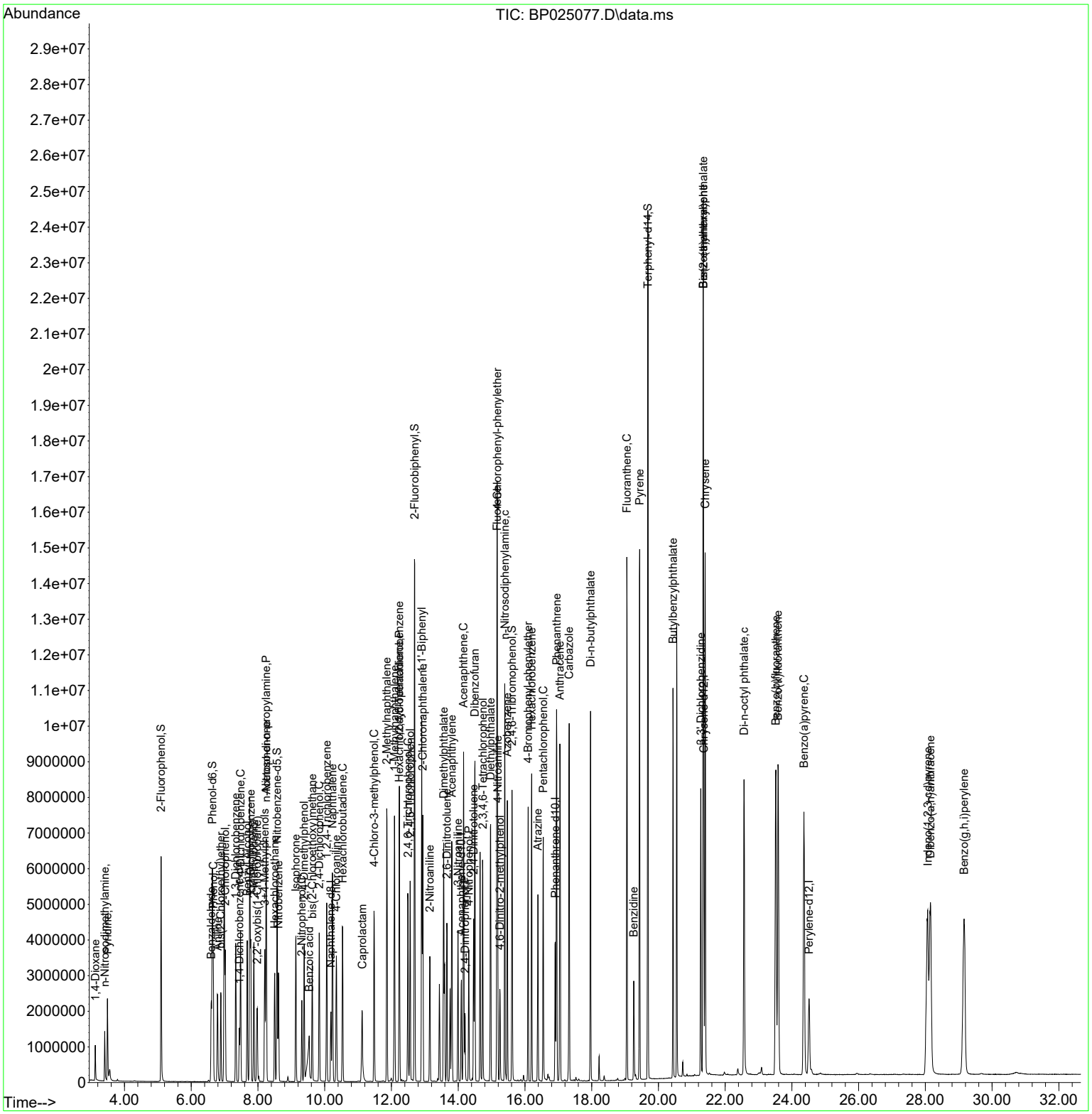
(#) = qualifier out of range (m) = manual integration (+) = signals summed

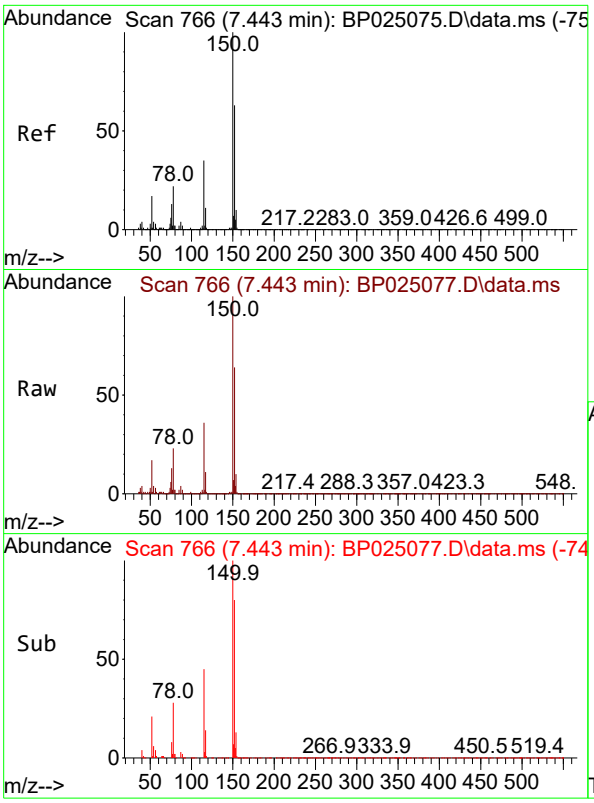
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025077.D
Acq On : 03 Jul 2025 13:49
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

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



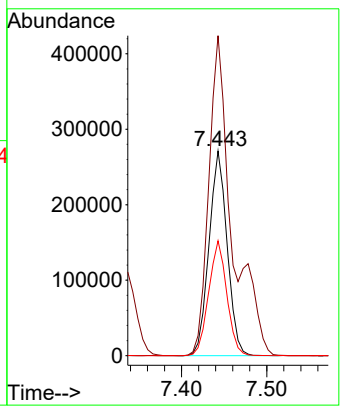


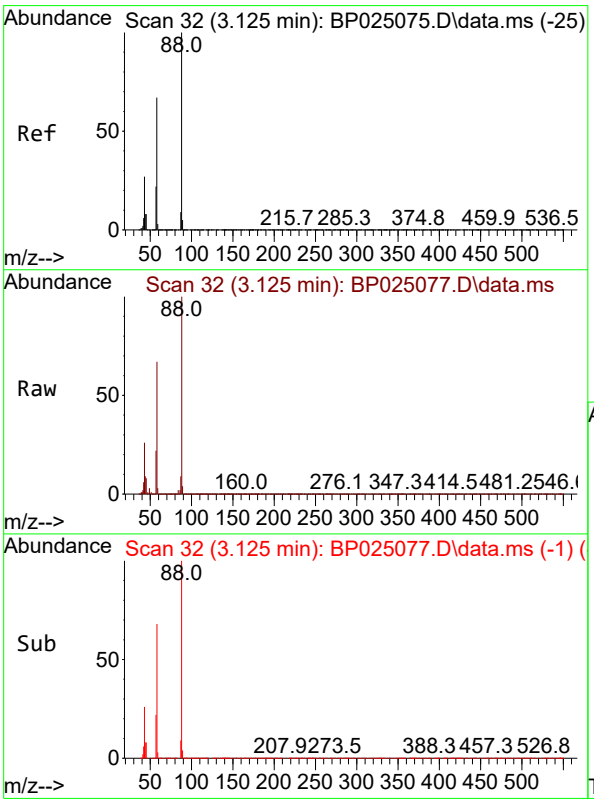
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

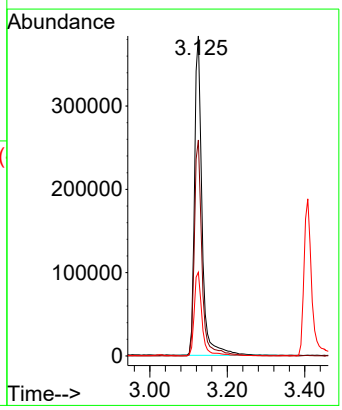


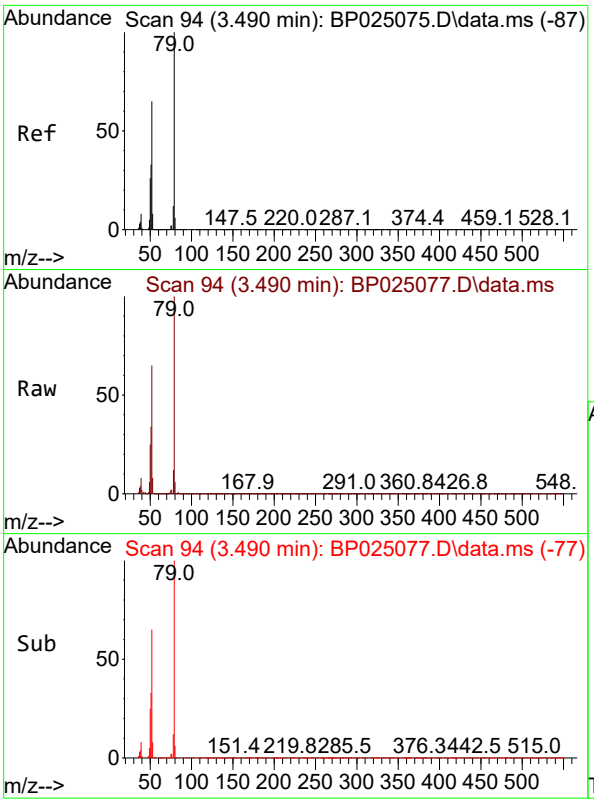


#2
1,4-Dioxane
Concen: 58.570 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



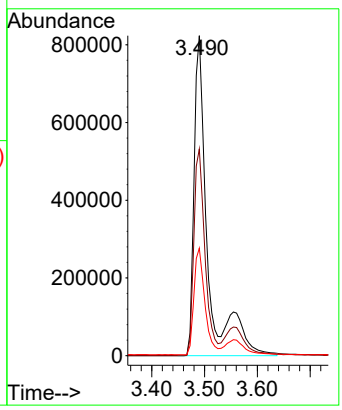


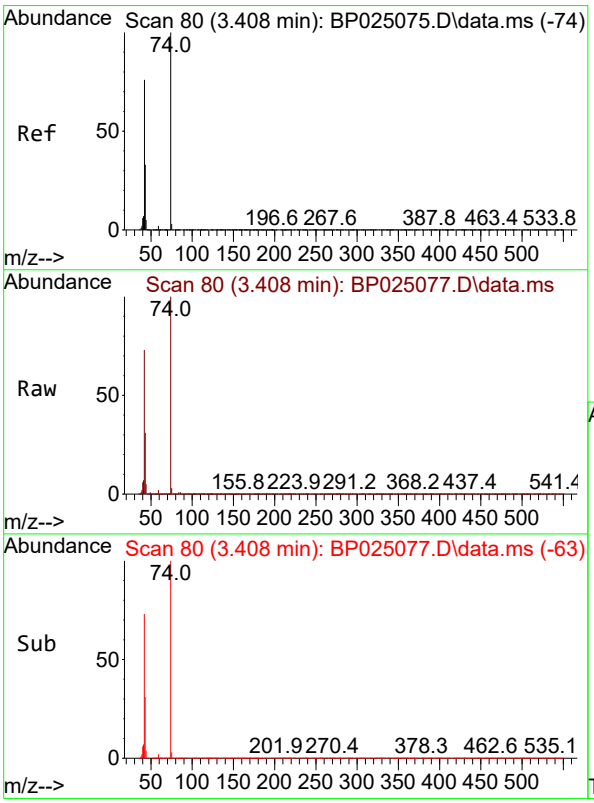
#3
Pyridine
Concen: 61.892 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

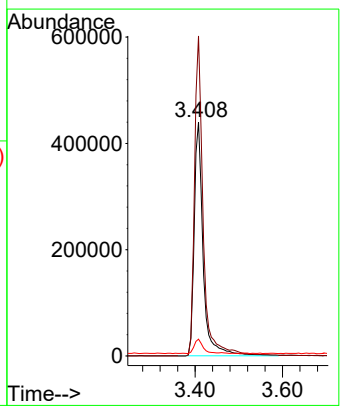


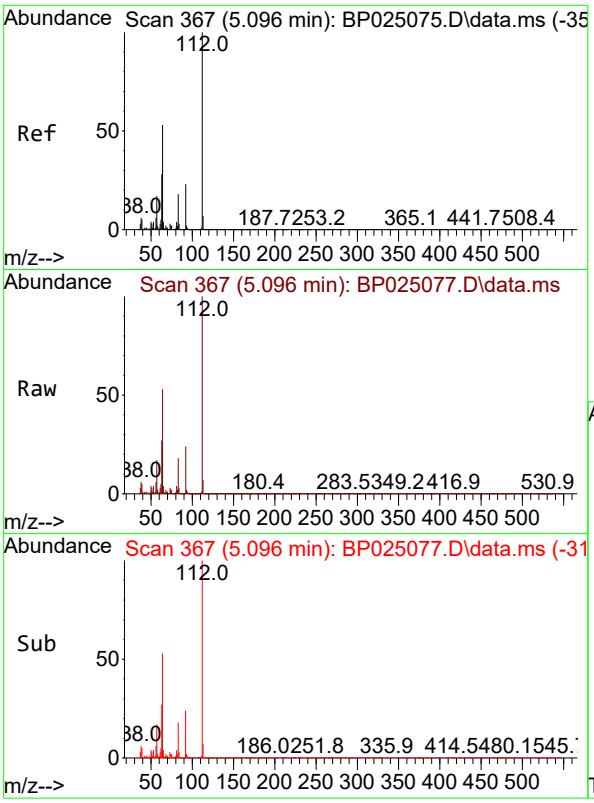


#4
n-Nitrosodimethylamine
Concen: 61.529 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



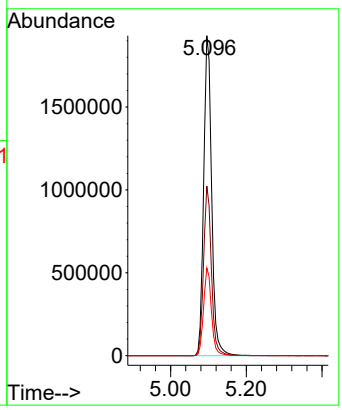


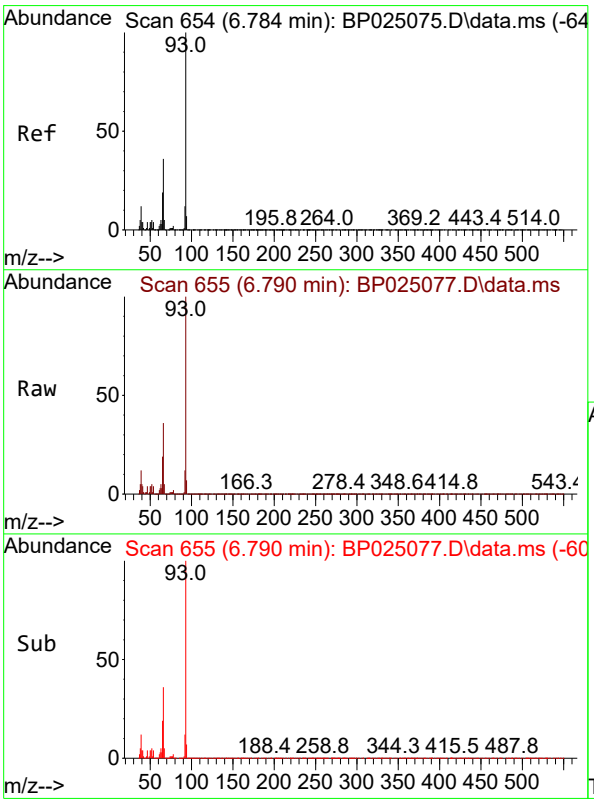
#5
2-Fluorophenol
Concen: 124.128 ng
RT: 5.096 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

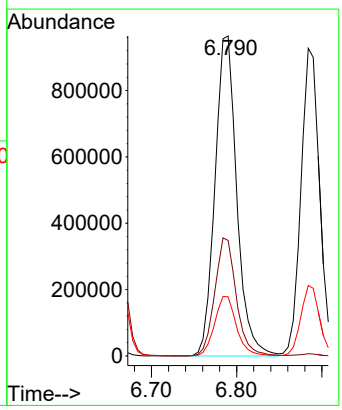


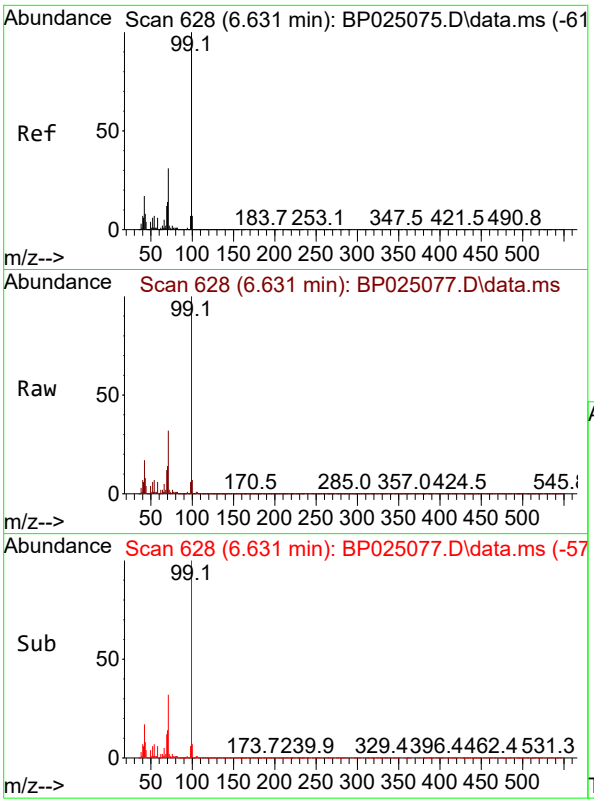


#6
Aniline
Concen: 62.270 ng
RT: 6.790 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



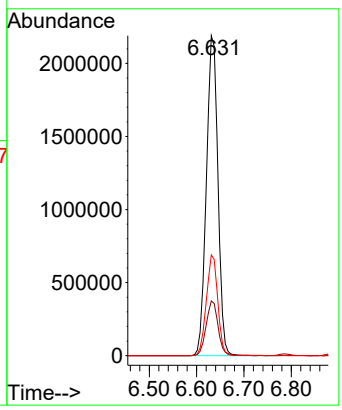


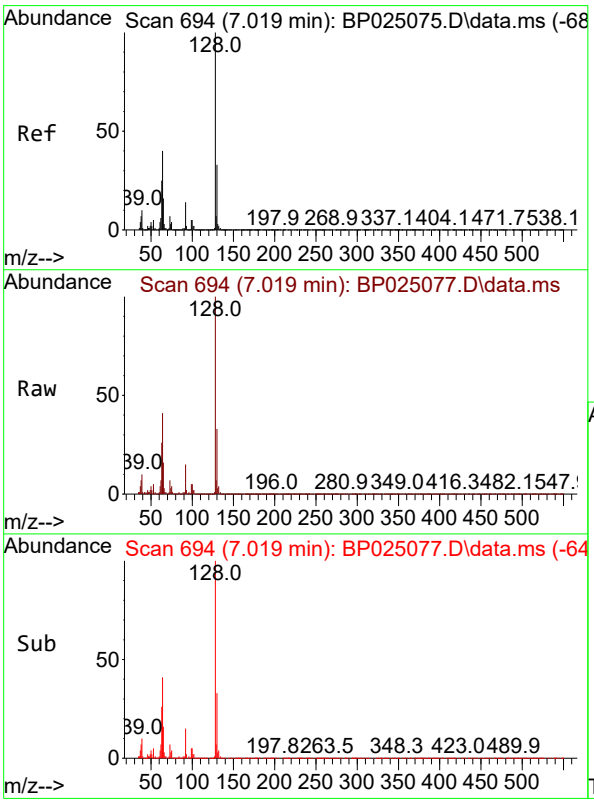
#7
Phenol-d6
Concen: 125.737 ng
RT: 6.631 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

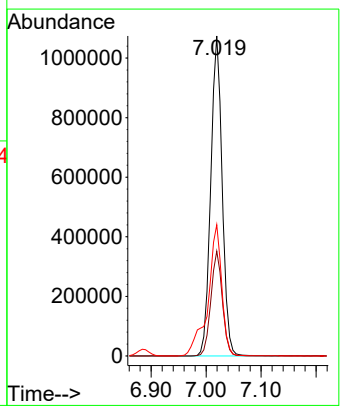


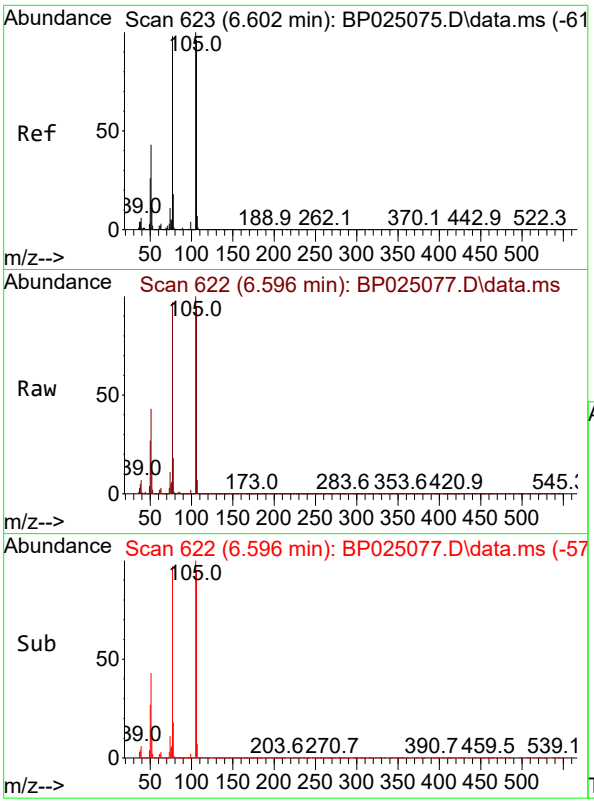


#8
2-Chlorophenol
Concen: 61.468 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



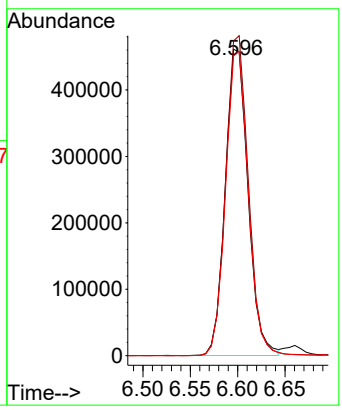


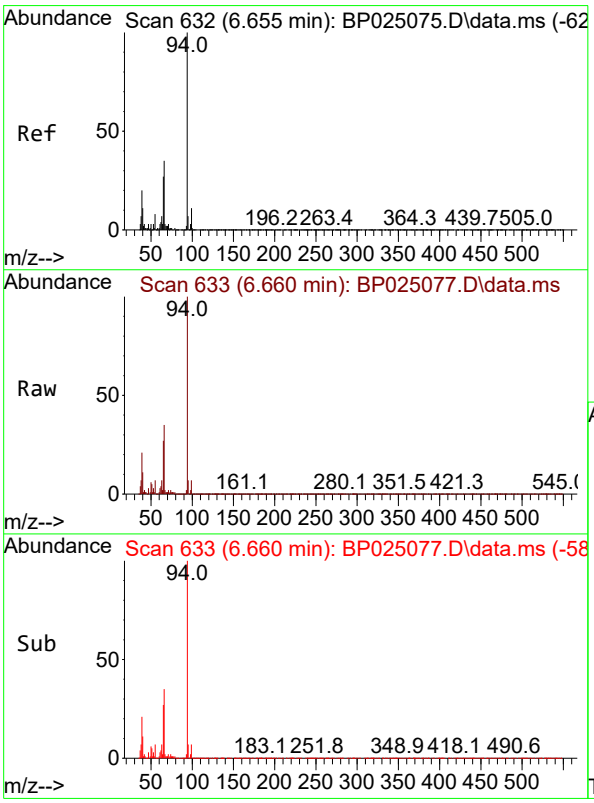
#9
Benzaldehyde
Concen: 49.971 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

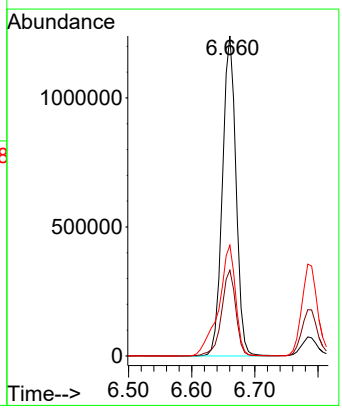


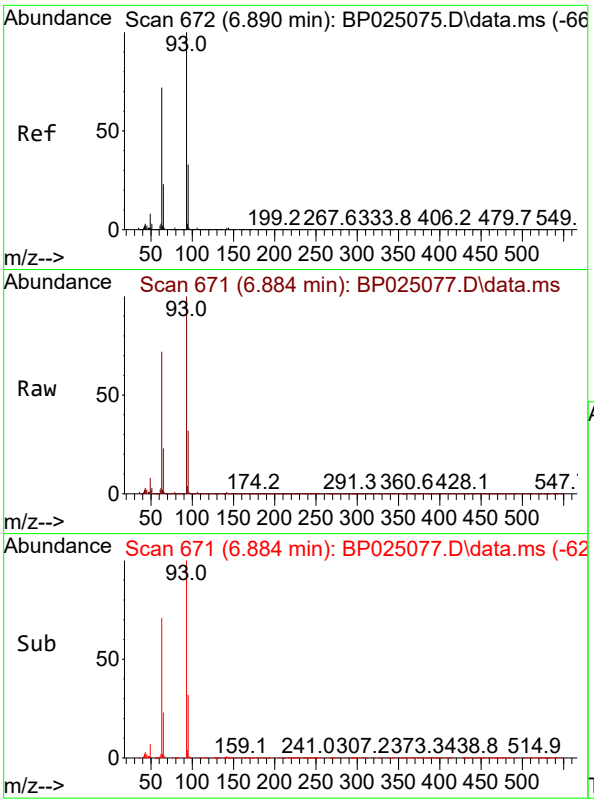


#10
Phenol
Concen: 61.753 ng
RT: 6.660 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



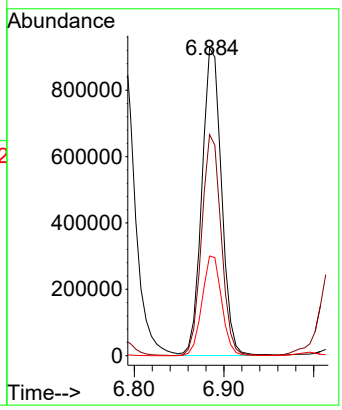


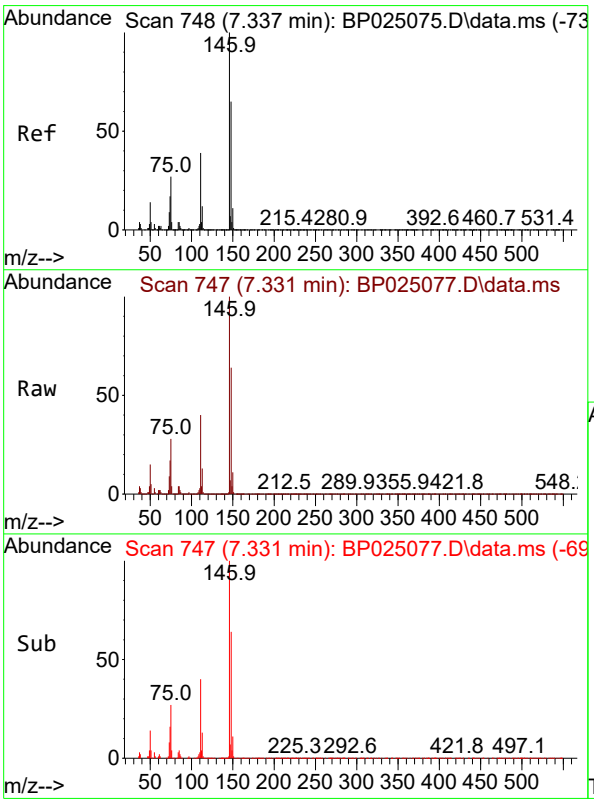
#11
bis(2-Chloroethyl)ether
Concen: 61.048 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

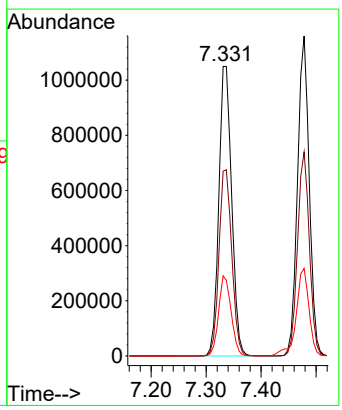


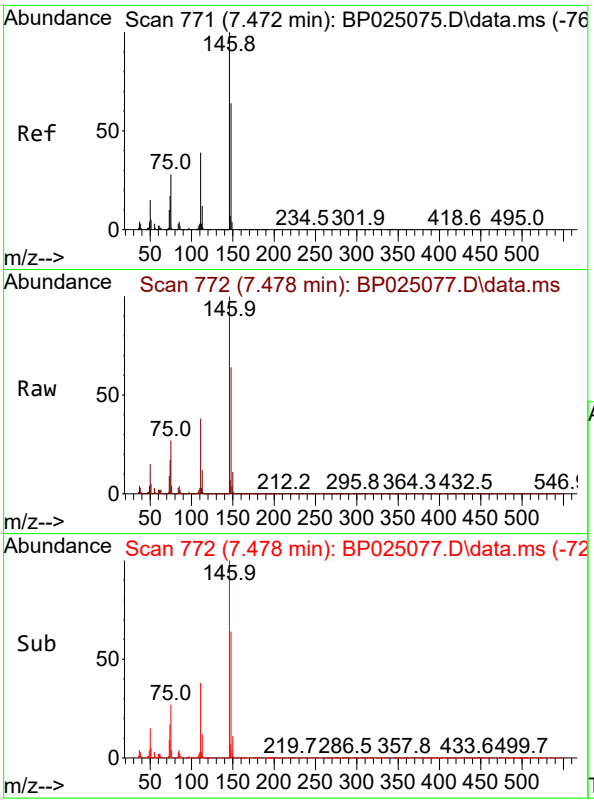


#12
1,3-Dichlorobenzene
Concen: 60.002 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



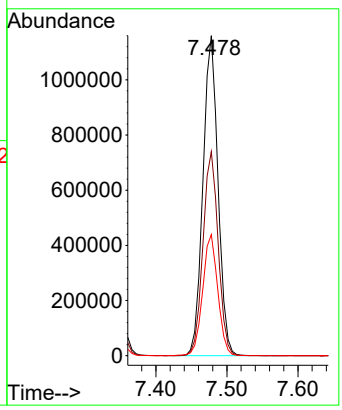


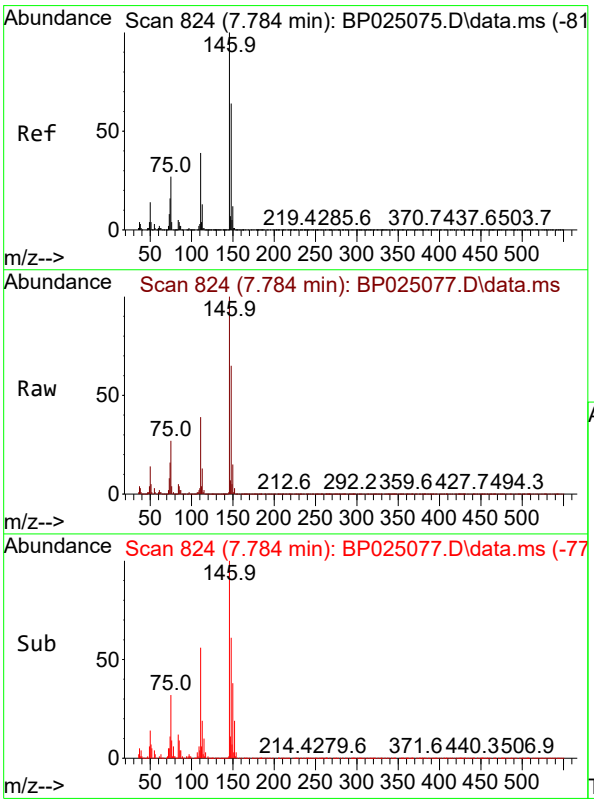
#13
1,4-Dichlorobenzene
Concen: 59.706 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

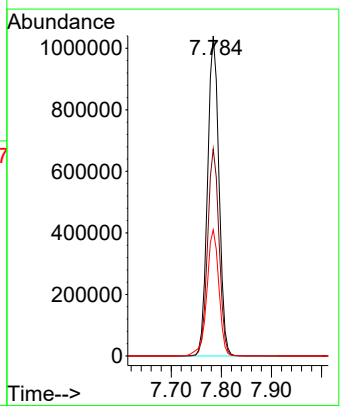


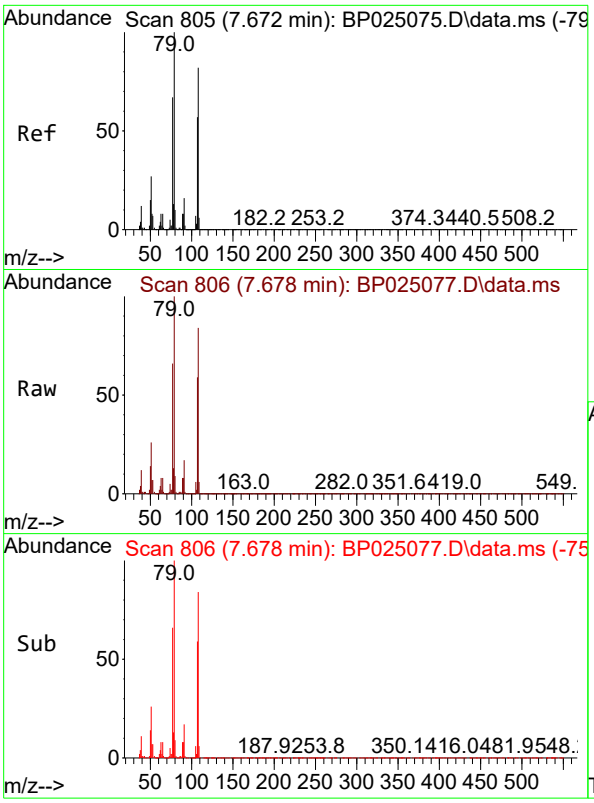


#14
1,2-Dichlorobenzene
Concen: 59.636 ng
RT: 7.784 min Scan# 824
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



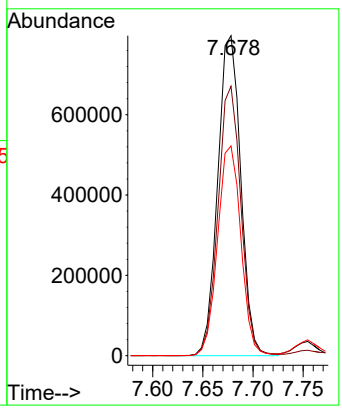


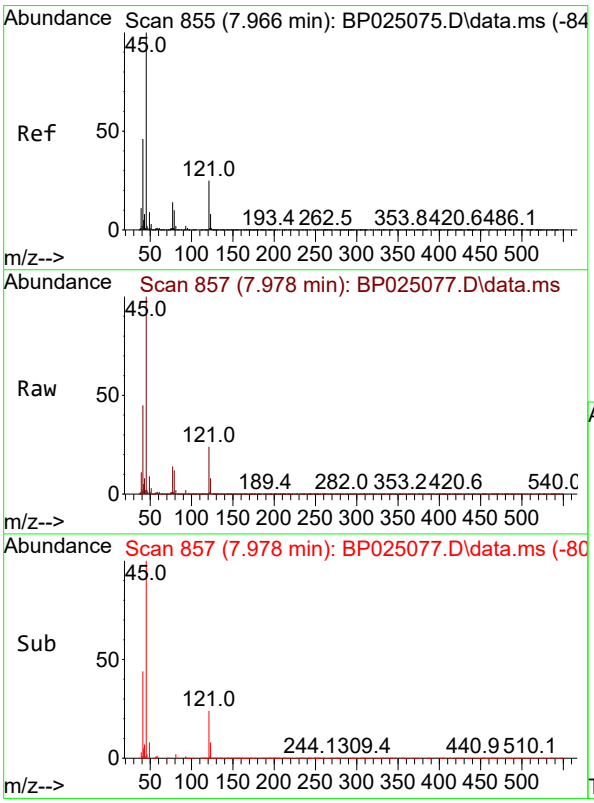
#15
Benzyl Alcohol
Concen: 64.566 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

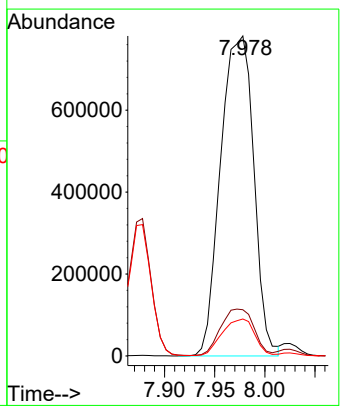


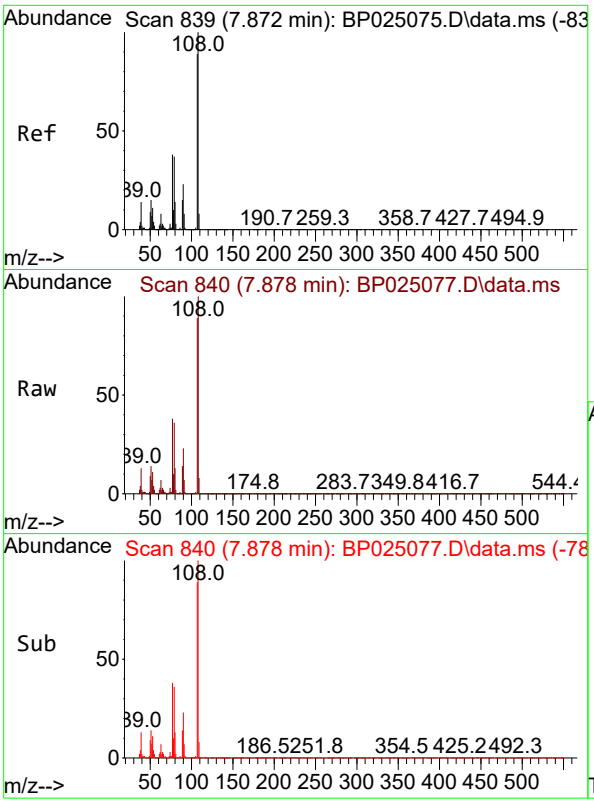


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.970 ng
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



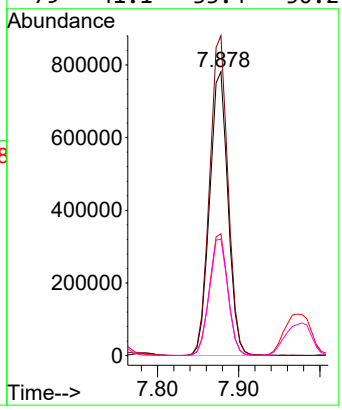


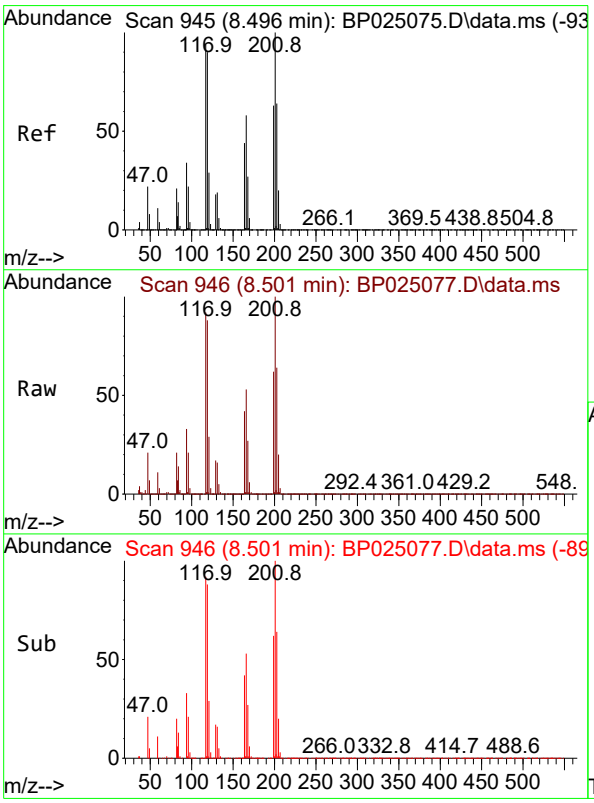
#17
2-Methylphenol
Concen: 63.538 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

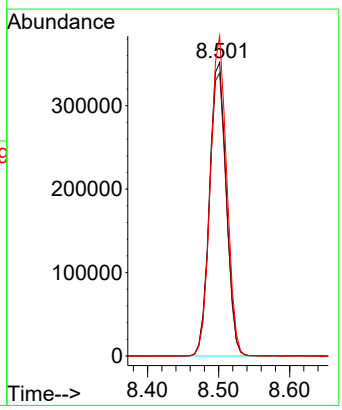


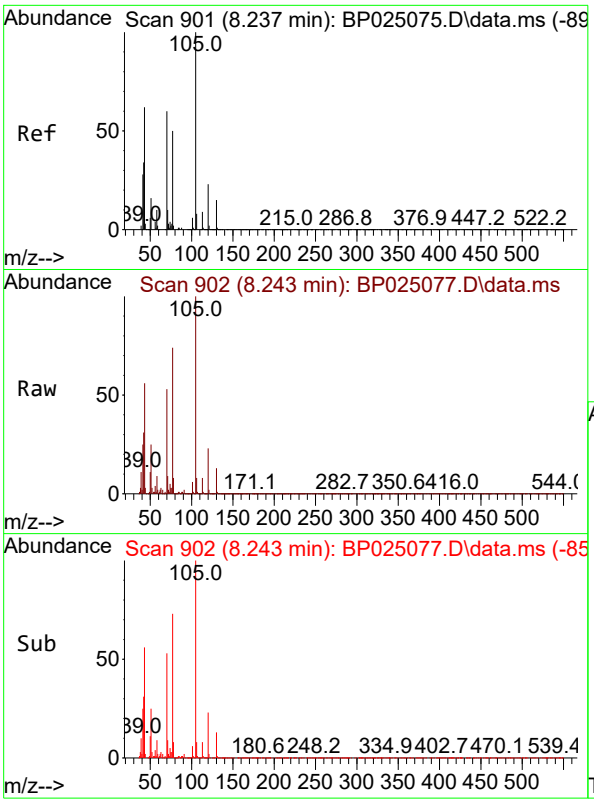


#18
Hexachloroethane
Concen: 61.873 ng
RT: 8.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



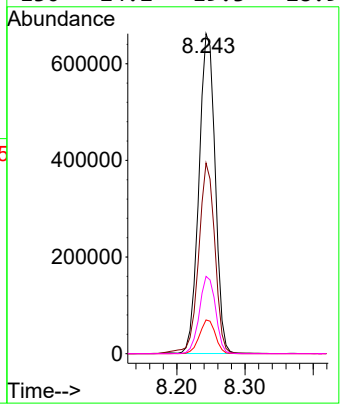


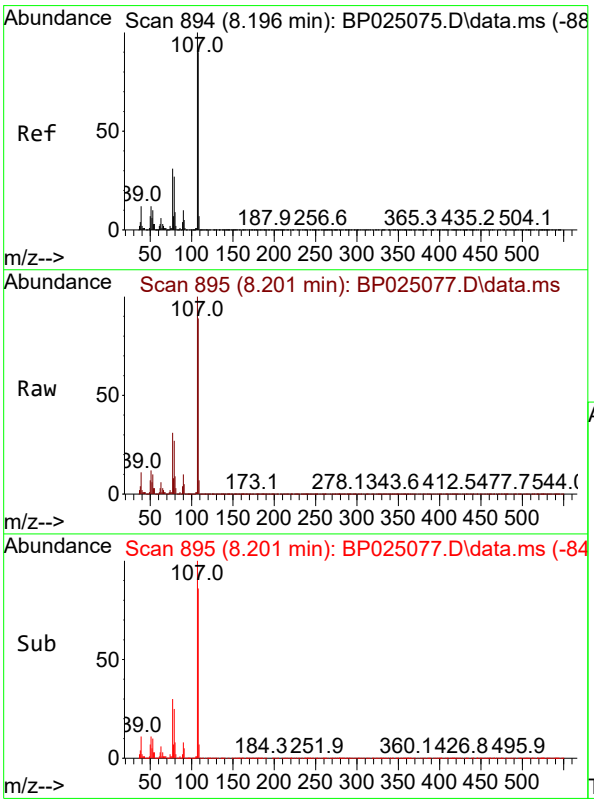
#19
n-Nitroso-di-n-propylamine
Concen: 62.642 ng
RT: 8.243 min Scan# 9(
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

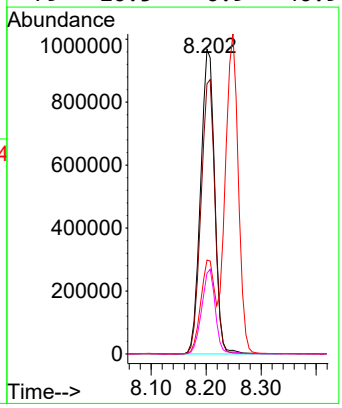


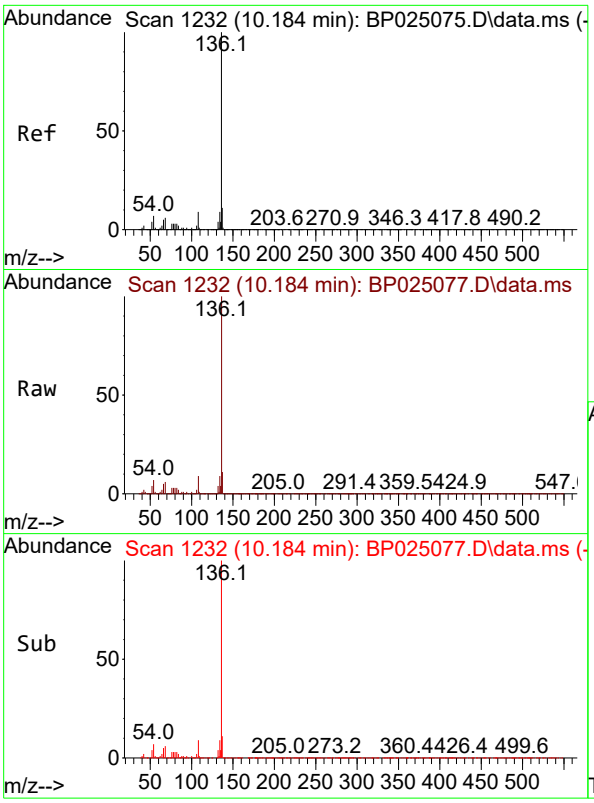


#20
3+4-Methylphenols
Concen: 63.466 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



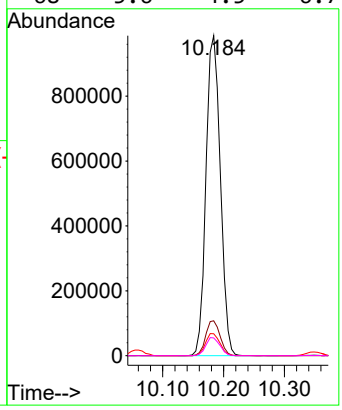


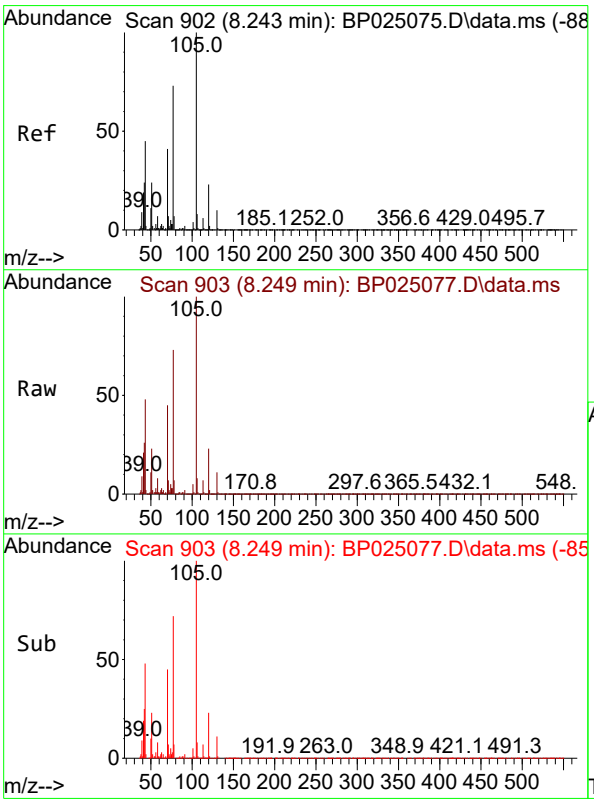
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

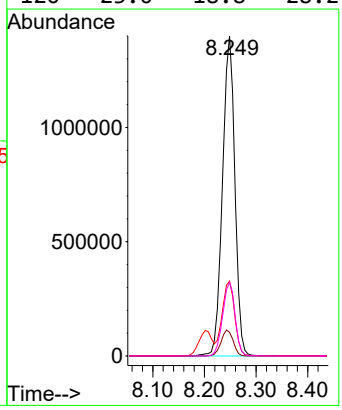


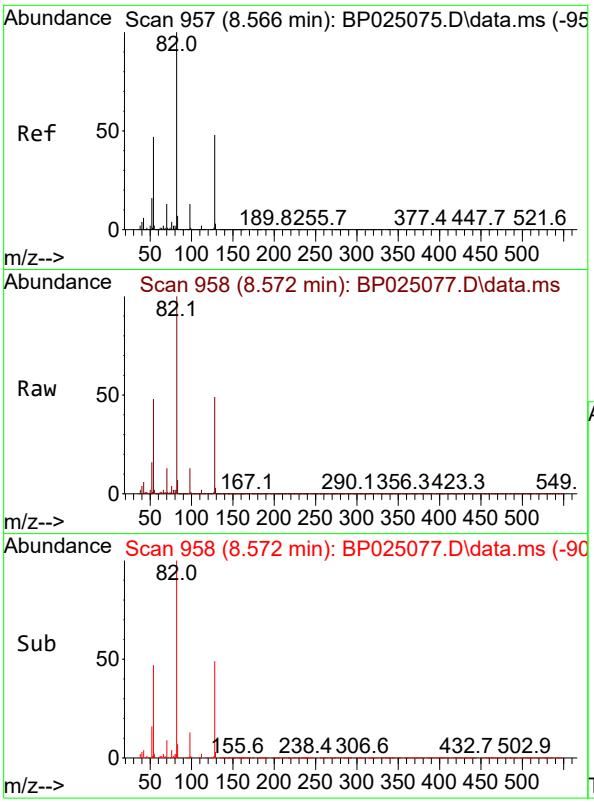


#22
Acetophenone
Concen: 60.946 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



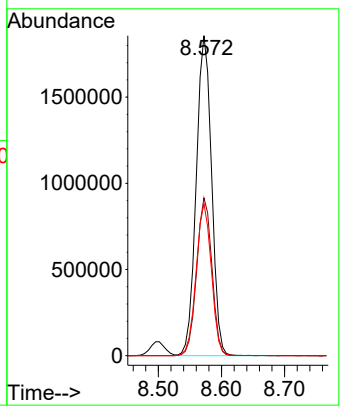


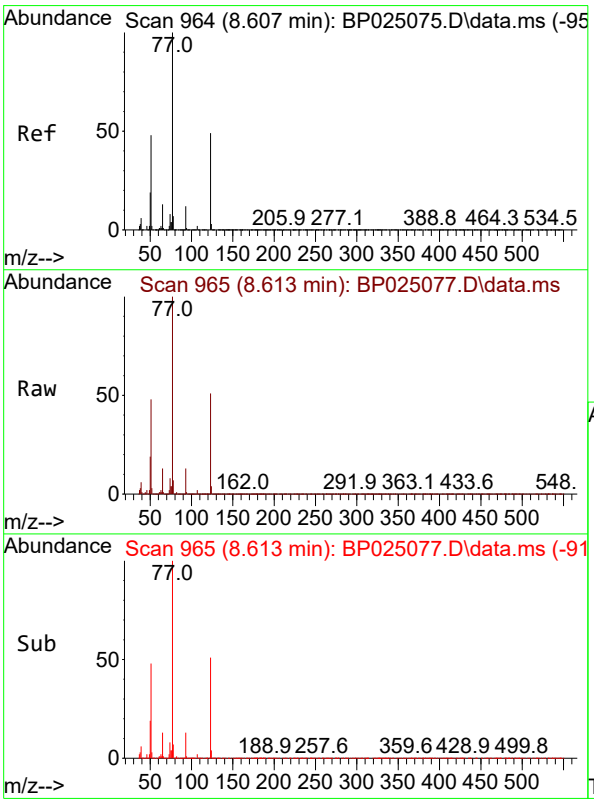
#23
Nitrobenzene-d5
Concen: 129.067 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

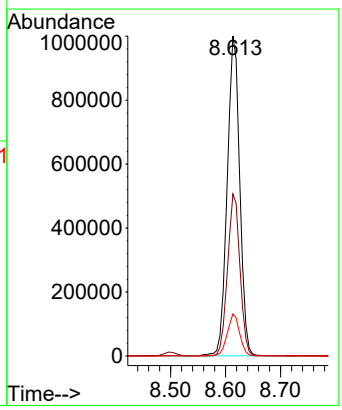


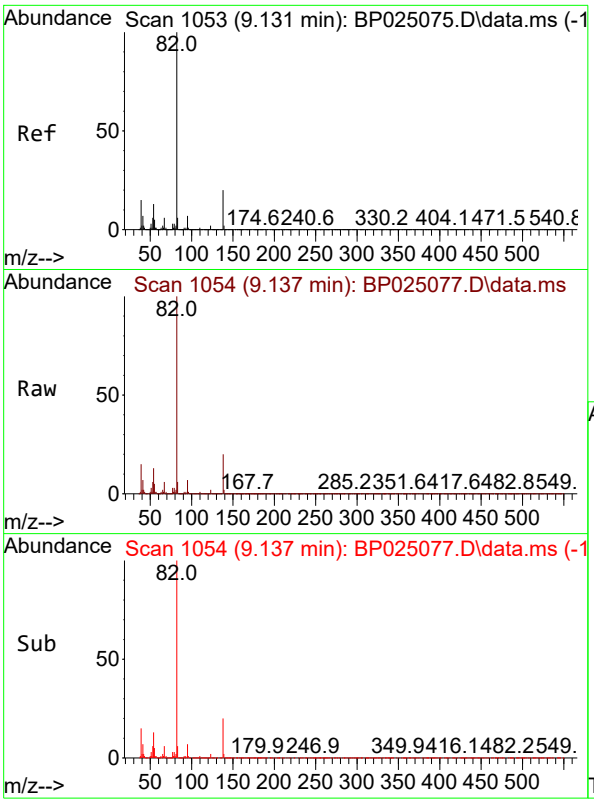


#24
Nitrobenzene
Concen: 64.118 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



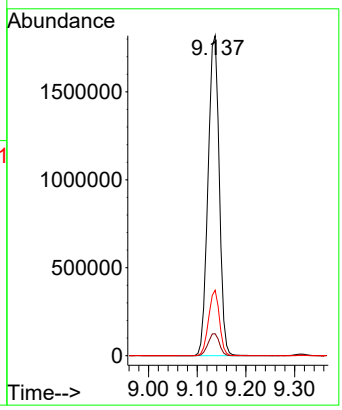


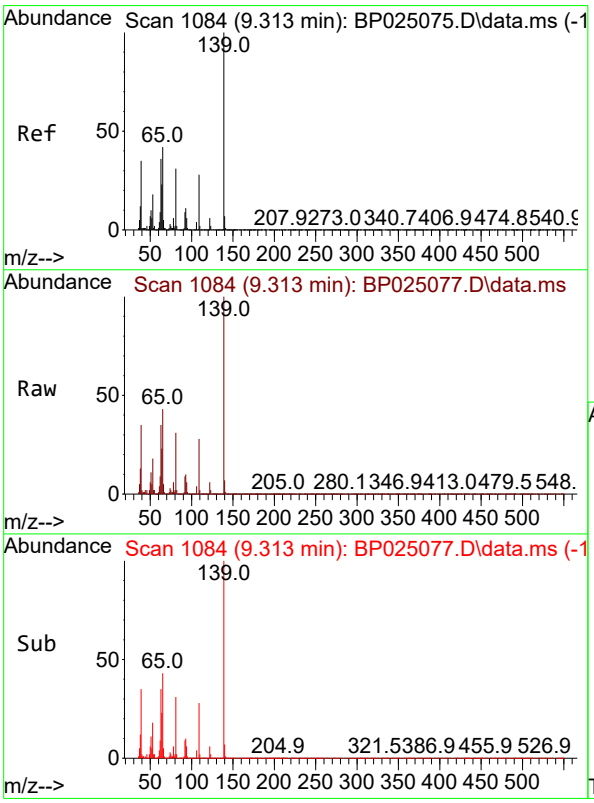
#25
Isophorone
Concen: 63.768 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

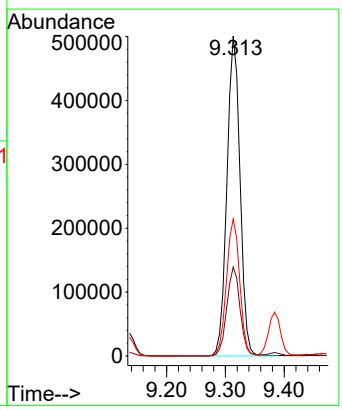


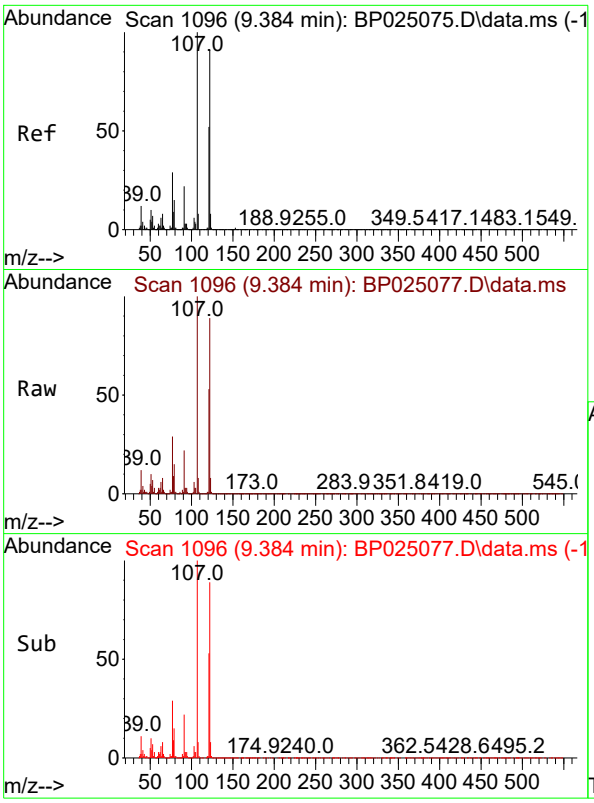


#26
2-Nitrophenol
Concen: 63.426 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



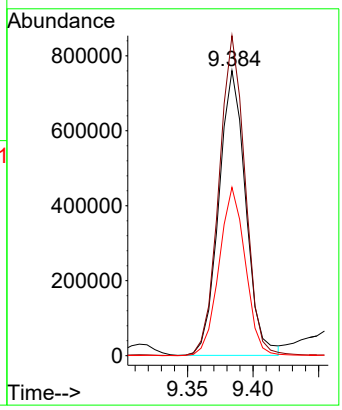


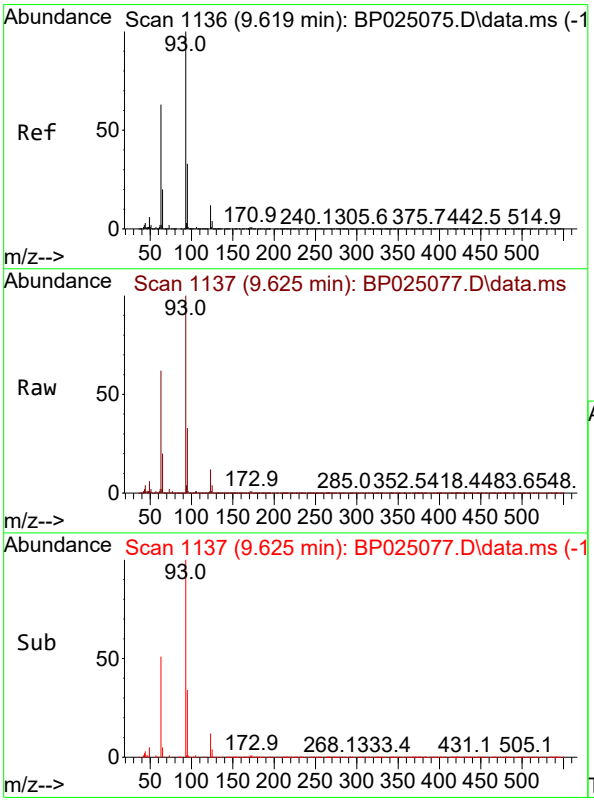
#27
2,4-Dimethylphenol
Concen: 64.024 ng
RT: 9.384 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

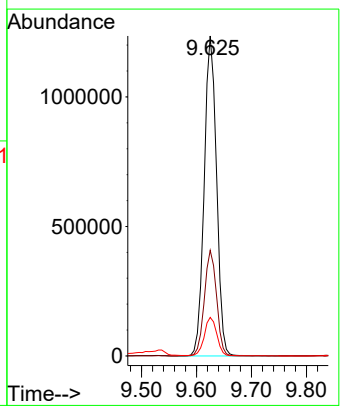


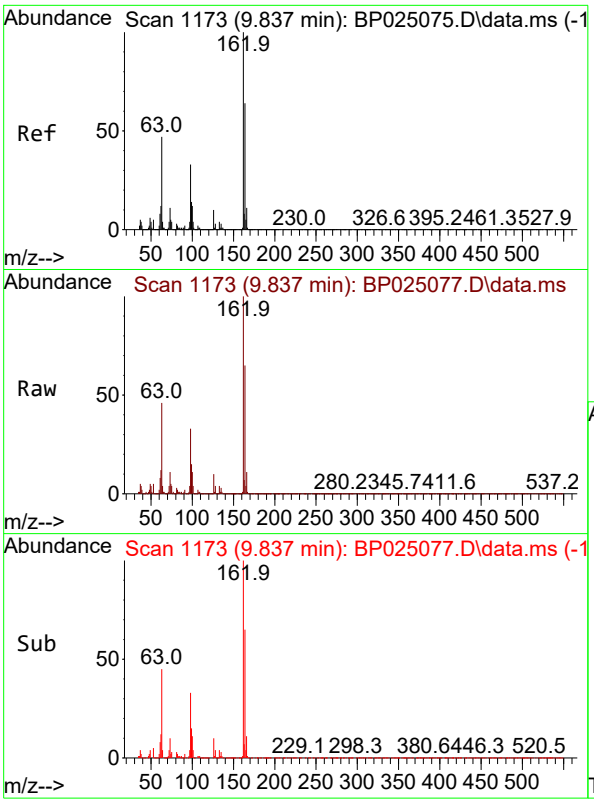


#28
bis(2-Chloroethoxy)methane
Concen: 62.478 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



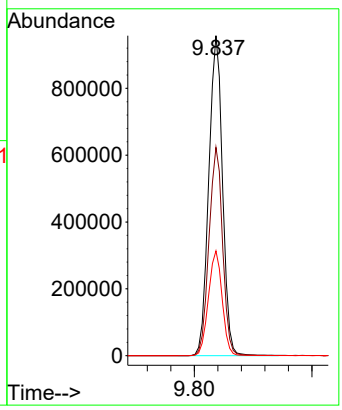


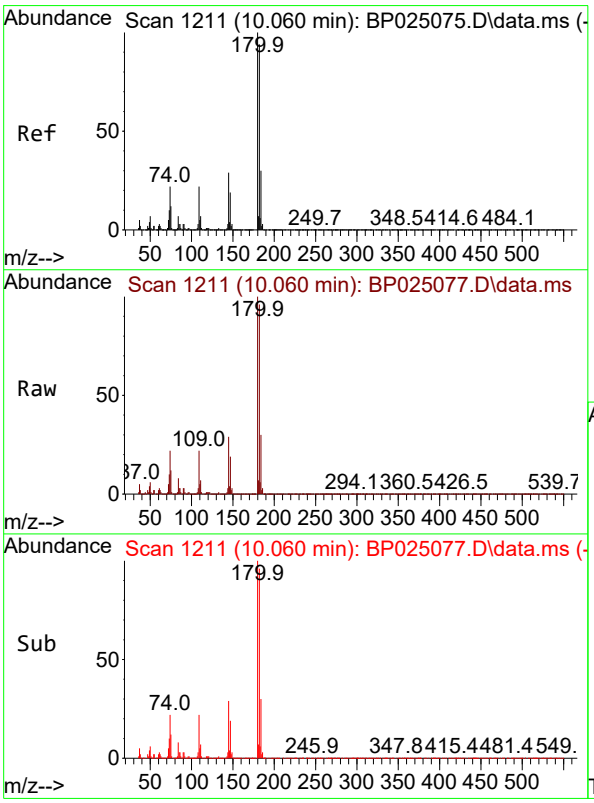
#29
2,4-Dichlorophenol
Concen: 66.313 ng
RT: 9.837 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

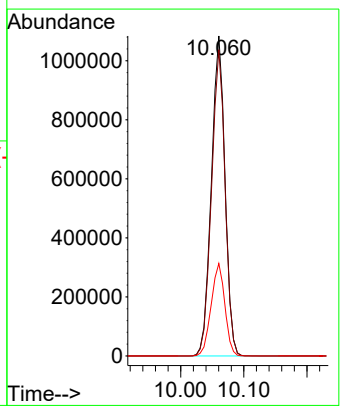


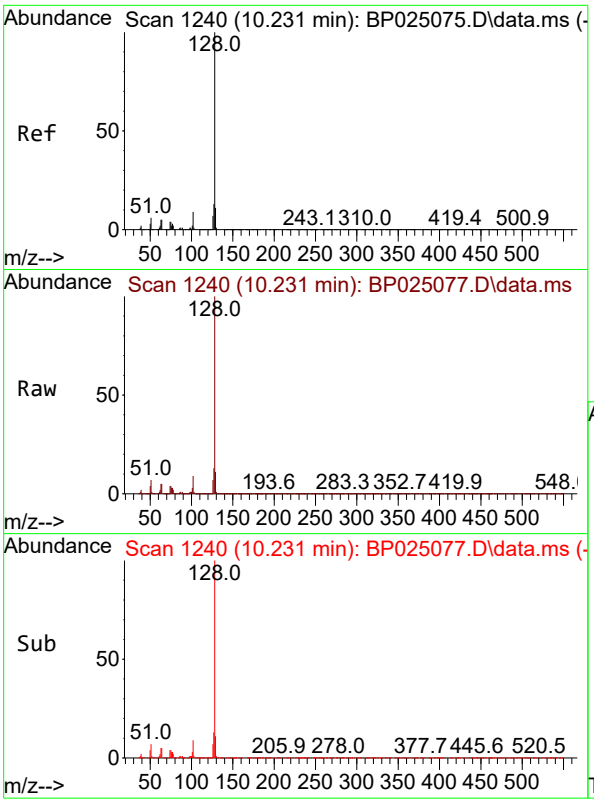


#30
1,2,4-Trichlorobenzene
Concen: 62.486 ng
RT: 10.060 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



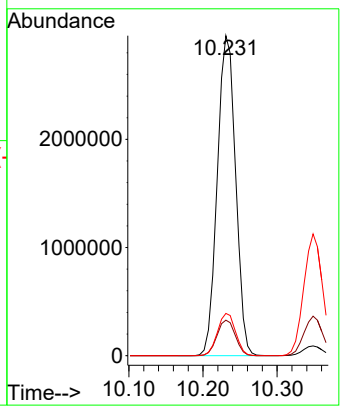


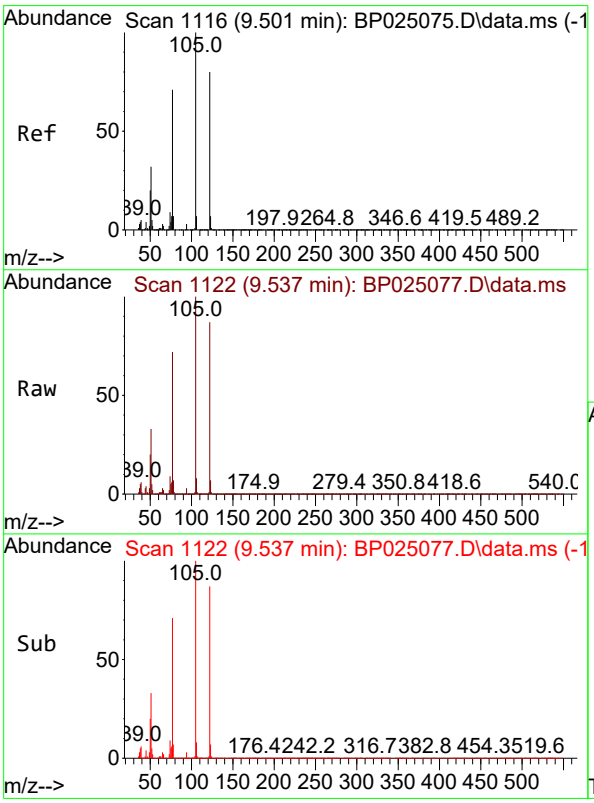
#31
Naphthalene
Concen: 61.093 ng
RT: 10.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

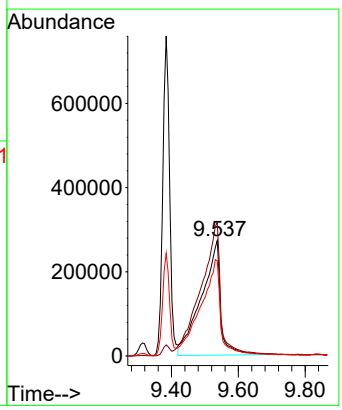


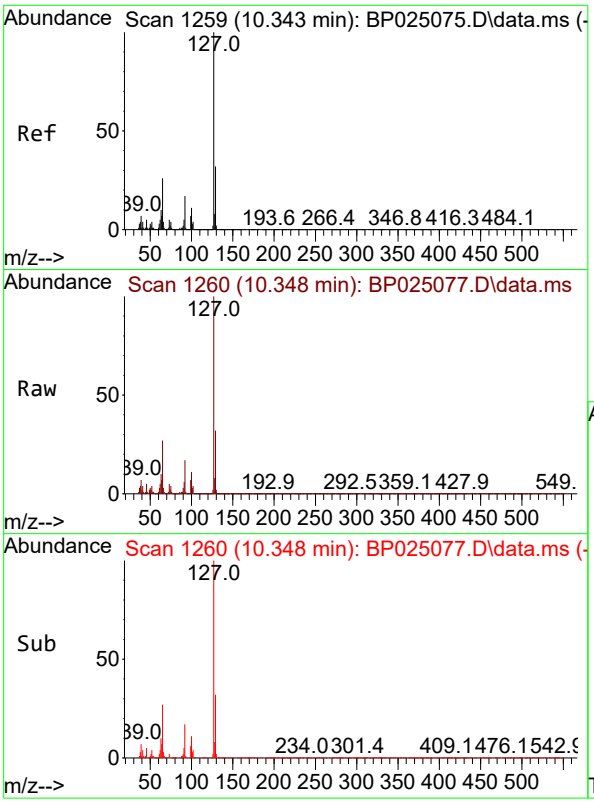


#32
Benzoic acid
Concen: 65.480 ng
RT: 9.537 min Scan# 1122
Delta R.T. 0.036 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



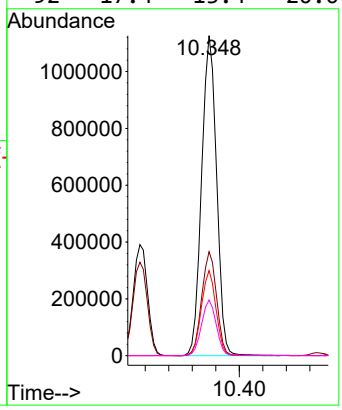


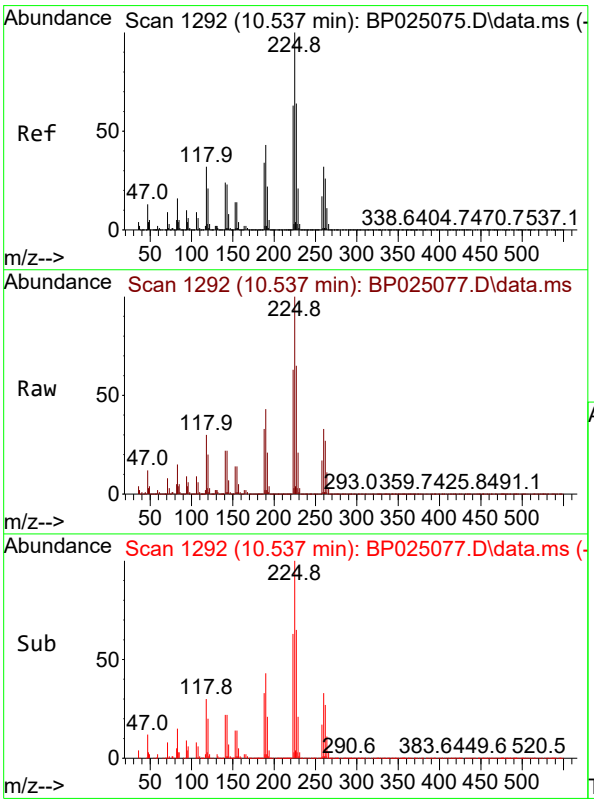
#33
4-Chloroaniline
Concen: 64.093 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

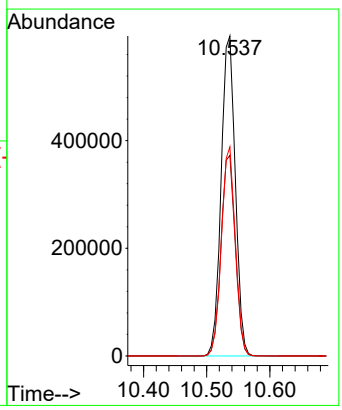


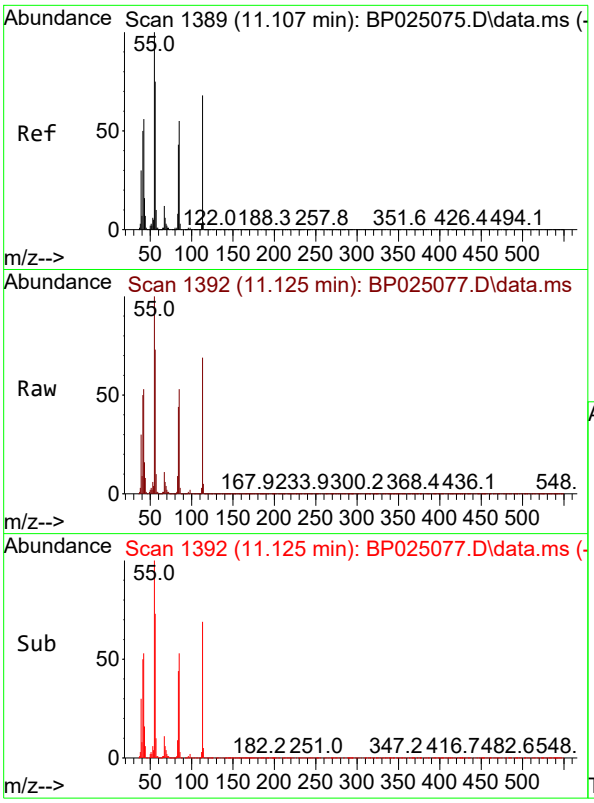


#34
Hexachlorobutadiene
Concen: 62.176 ng
RT: 10.537 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



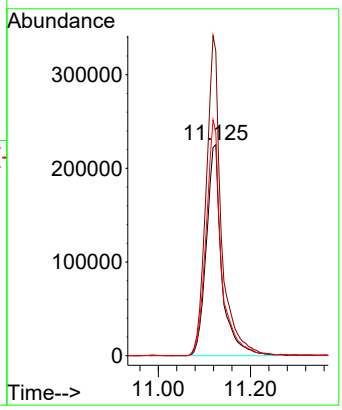


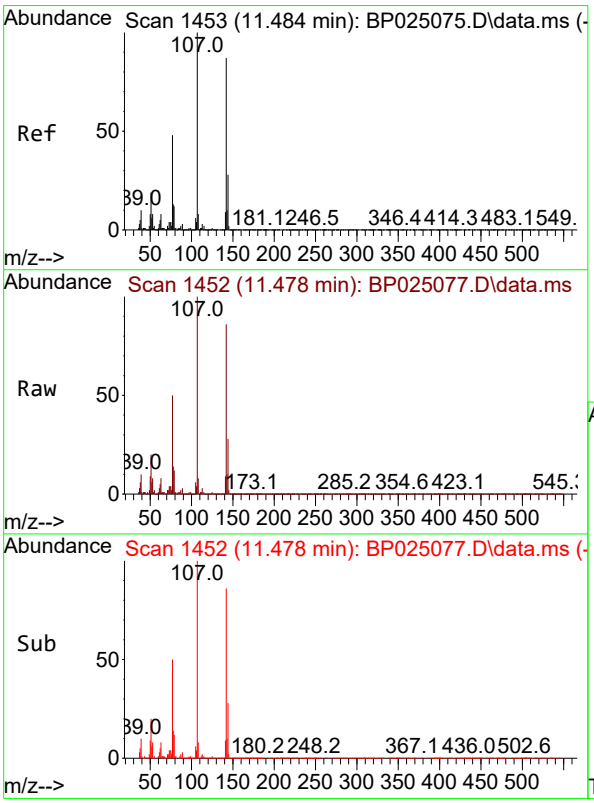
#35
Caprolactam
Concen: 65.271 ng
RT: 11.125 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

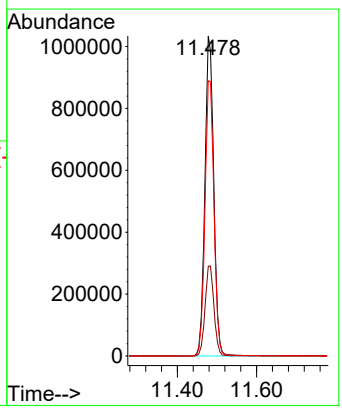


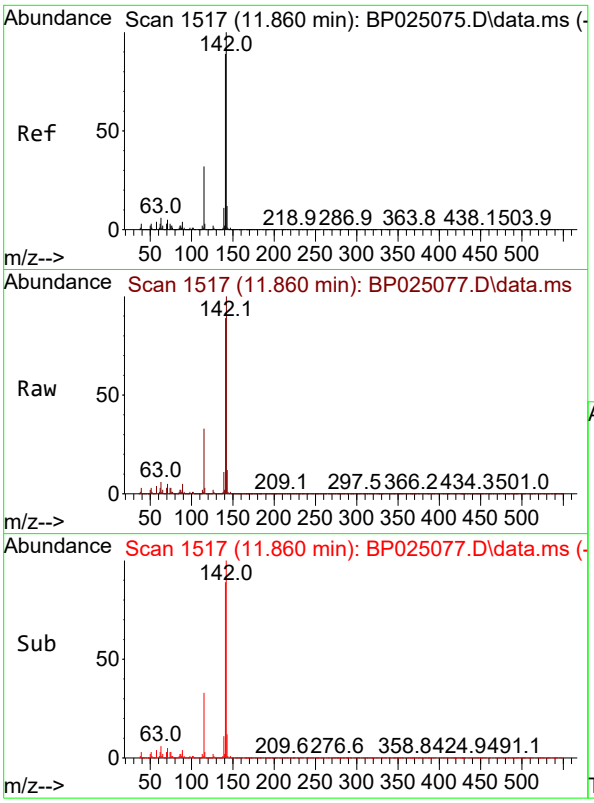


#36
4-Chloro-3-methylphenol
Concen: 65.488 ng
RT: 11.478 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



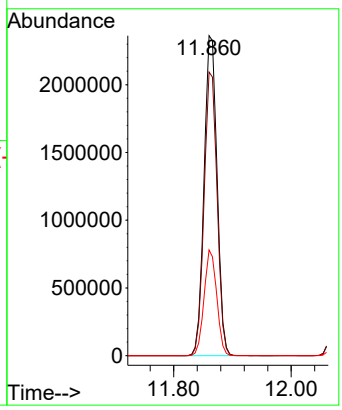


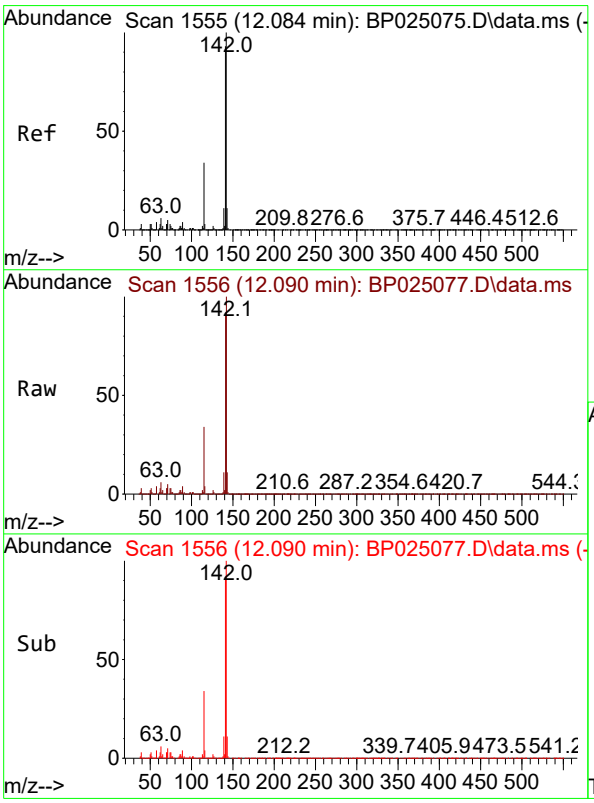
#37
2-Methylnaphthalene
Concen: 61.667 ng
RT: 11.860 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

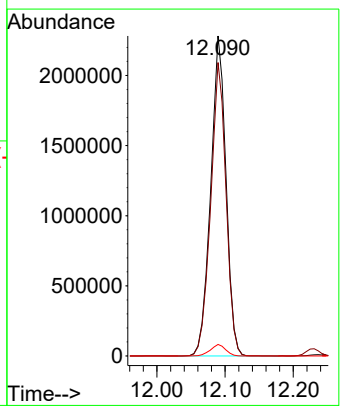


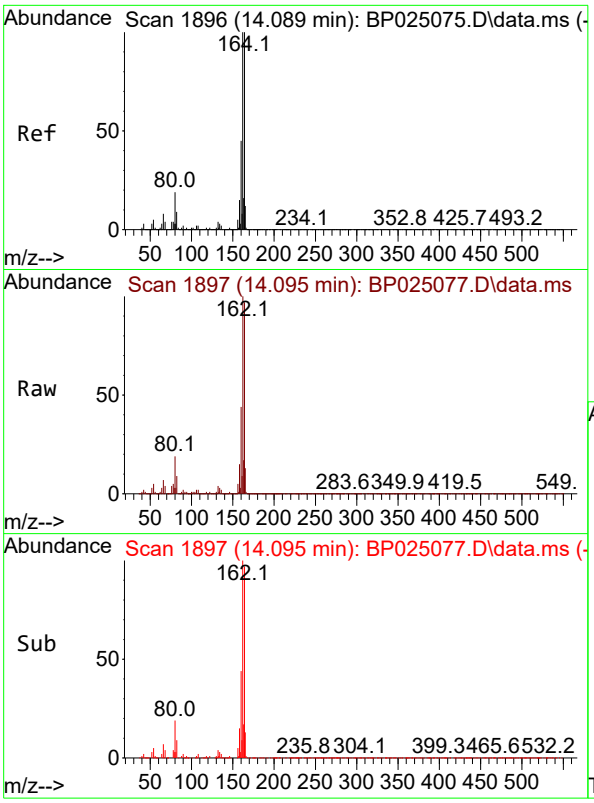


#38
1-Methylnaphthalene
Concen: 62.310 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



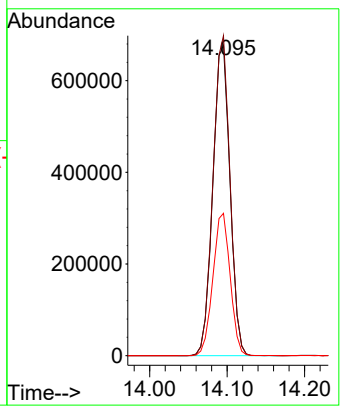


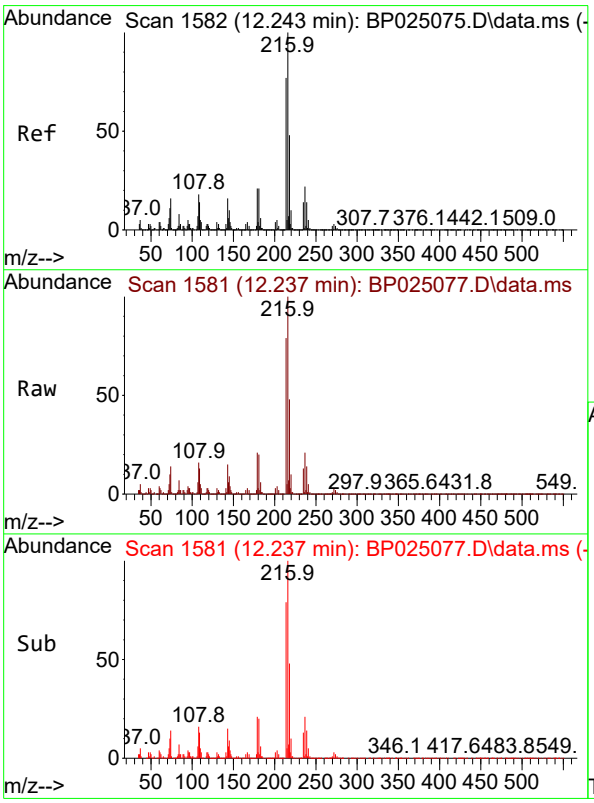
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

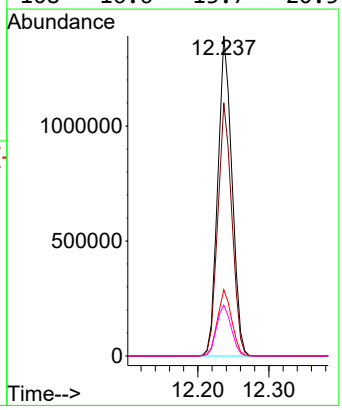


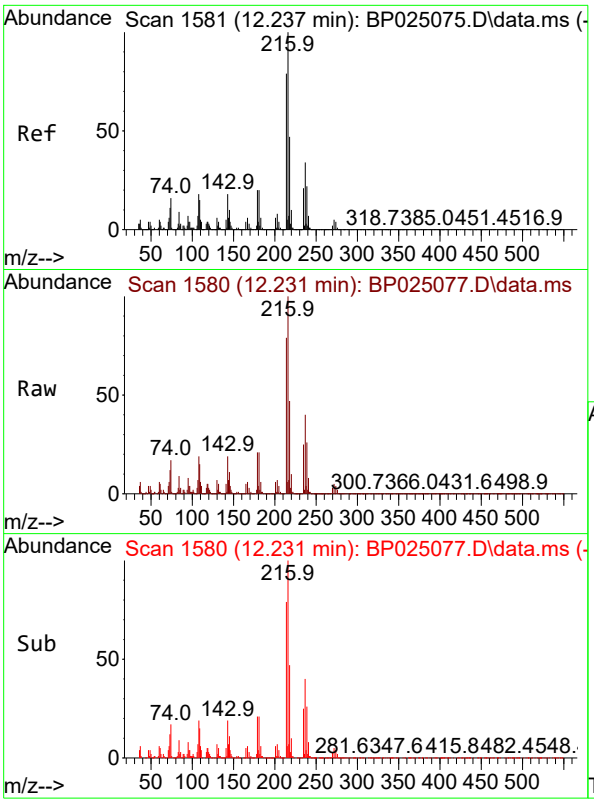


#40
1,2,4,5-Tetrachlorobenzene
Concen: 63.709 ng
RT: 12.237 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



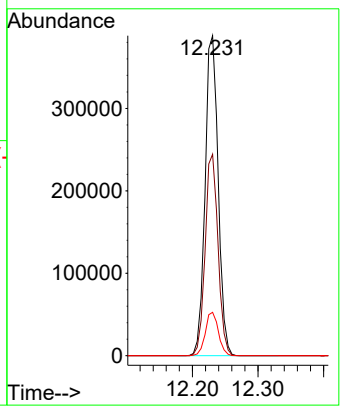


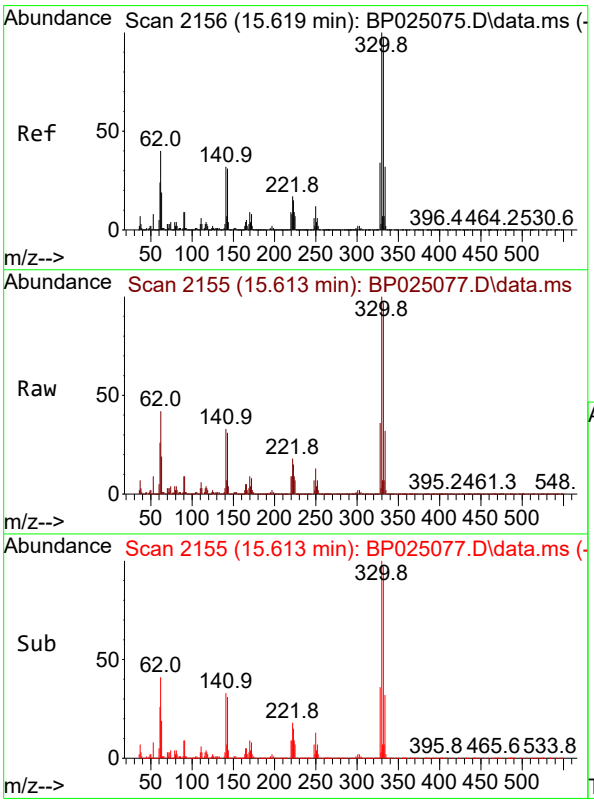
#41
Hexachlorocyclopentadiene
Concen: 68.439 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

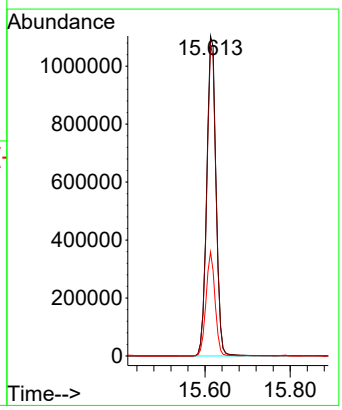


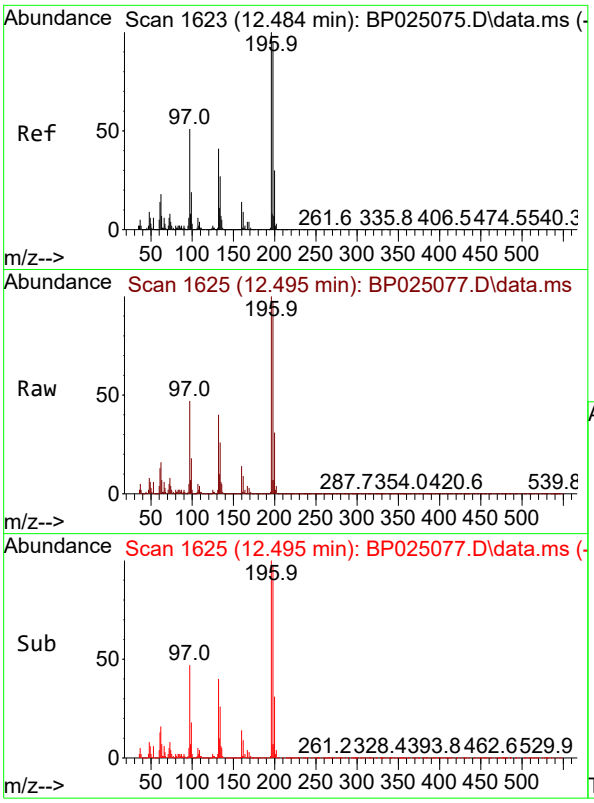


#42
2,4,6-Tribromophenol
Concen: 135.264 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



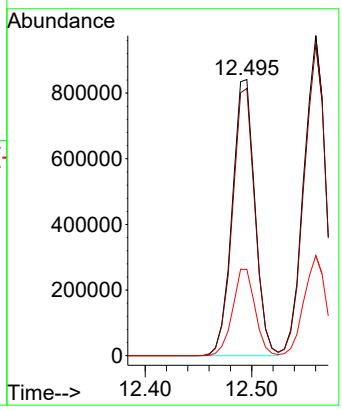


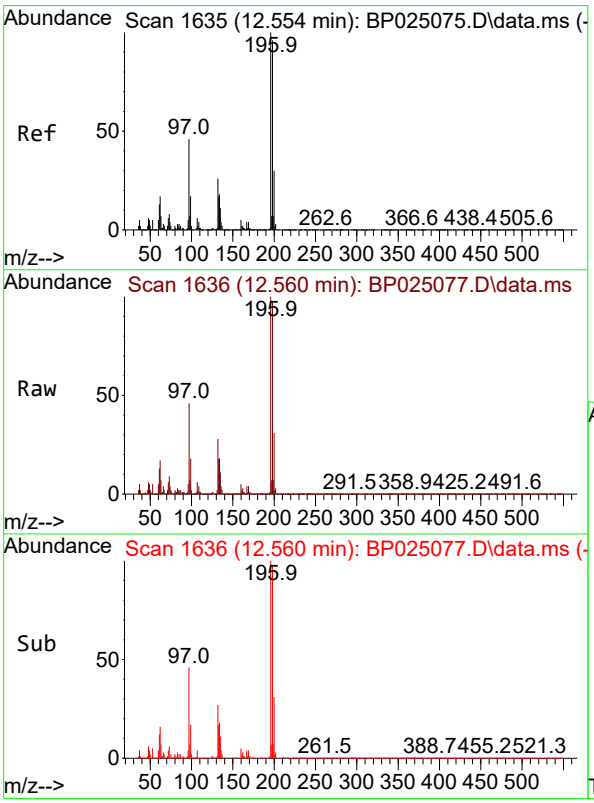
#43
2,4,6-Trichlorophenol
Concen: 68.701 ng
RT: 12.495 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

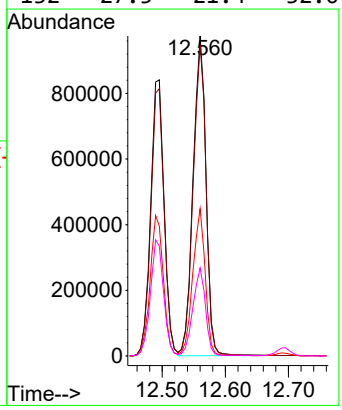


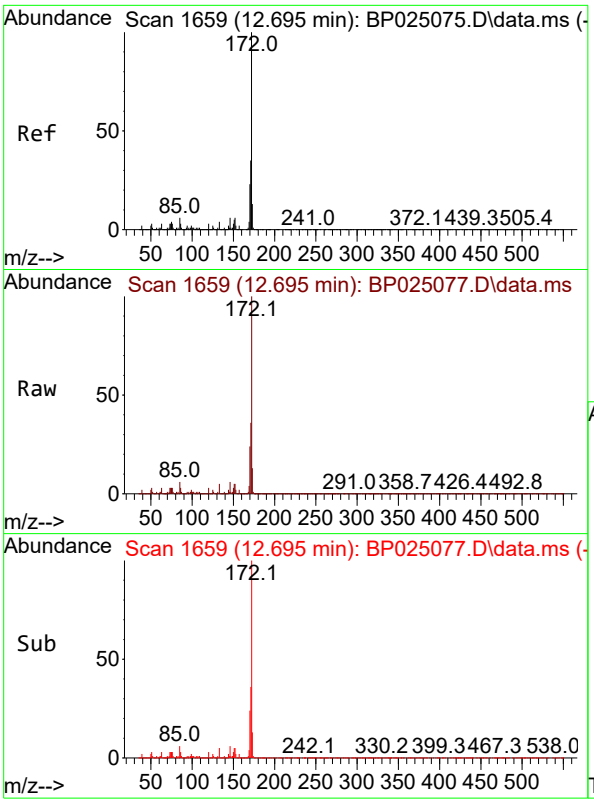


#44
2,4,5-Trichlorophenol
Concen: 67.090 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



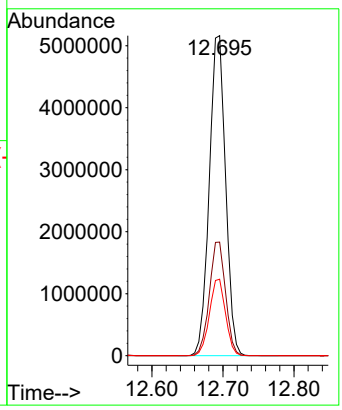


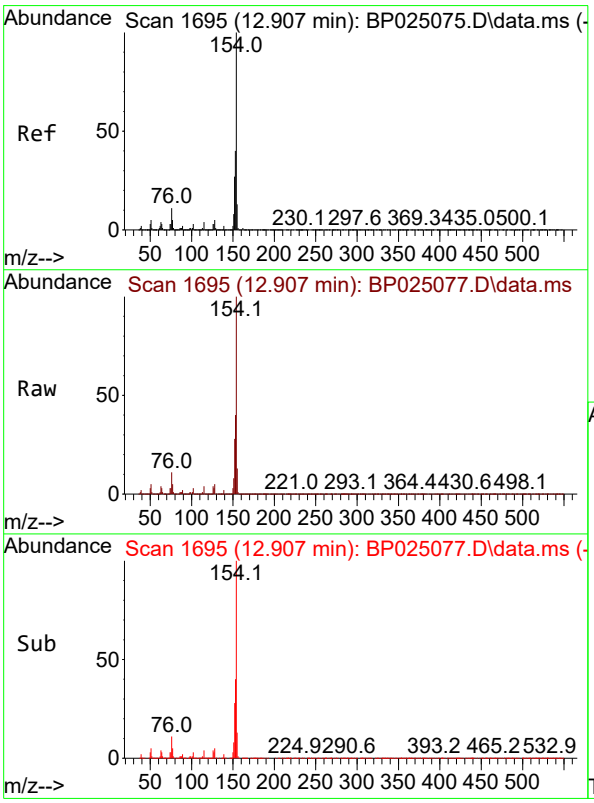
#45
2-Fluorobiphenyl
Concen: 121.896 ng
RT: 12.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

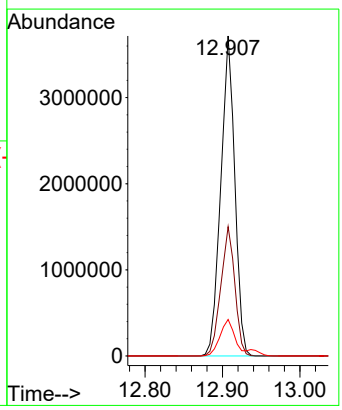


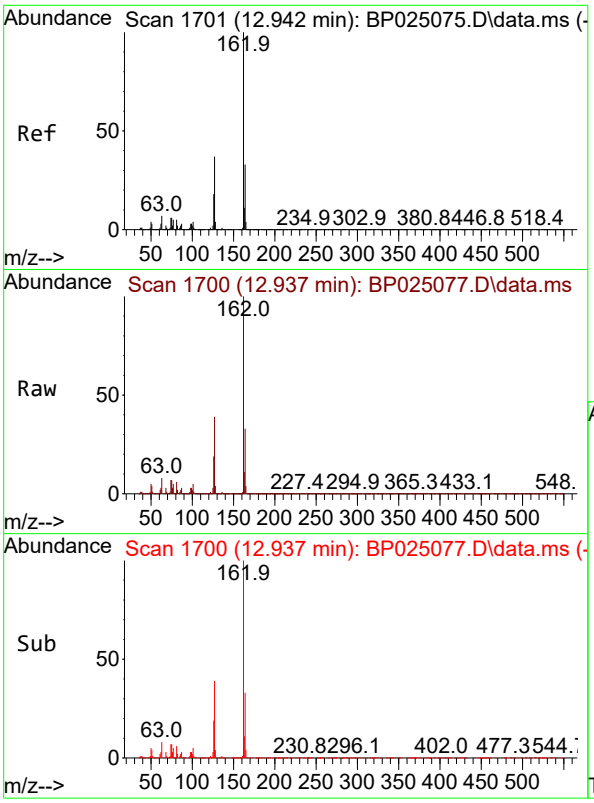


#46
1,1'-Biphenyl
Concen: 61.447 ng
RT: 12.907 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



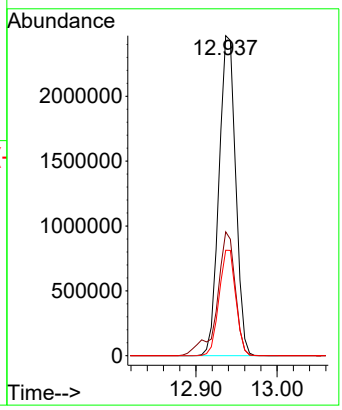


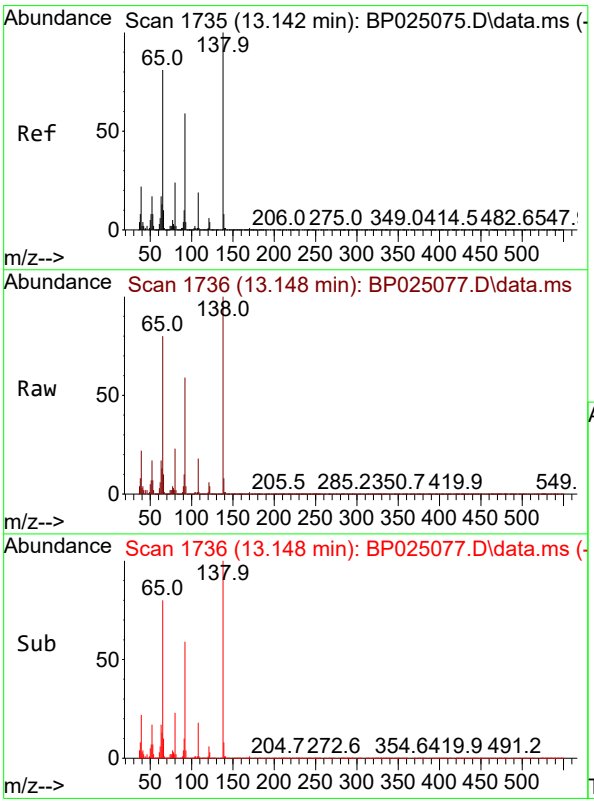
#47
2-Chloronaphthalene
Concen: 61.497 ng
RT: 12.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

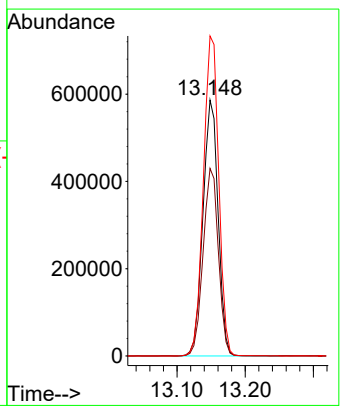


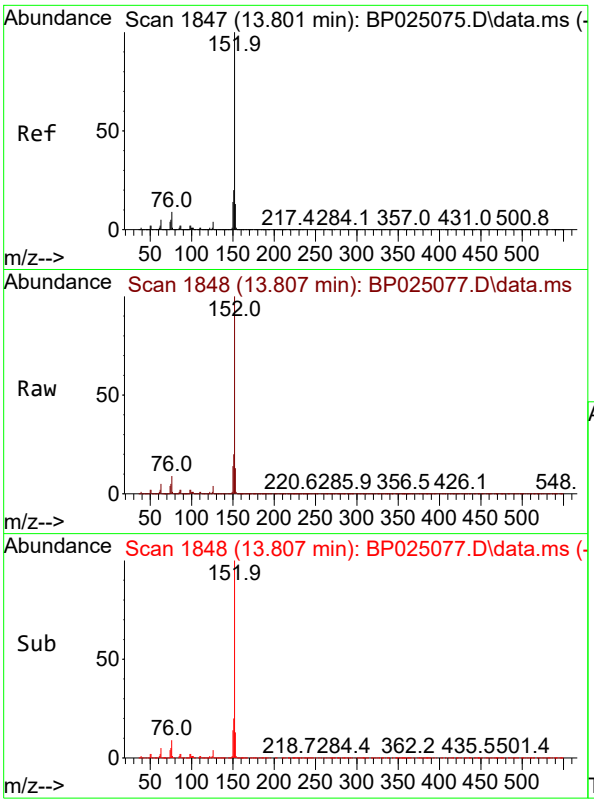


#48
2-Nitroaniline
Concen: 63.792 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



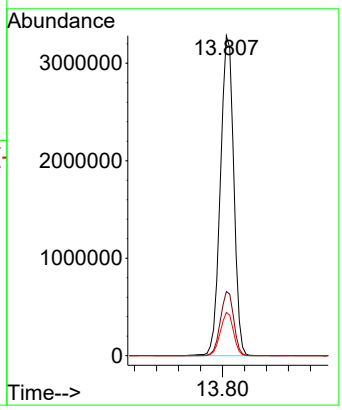


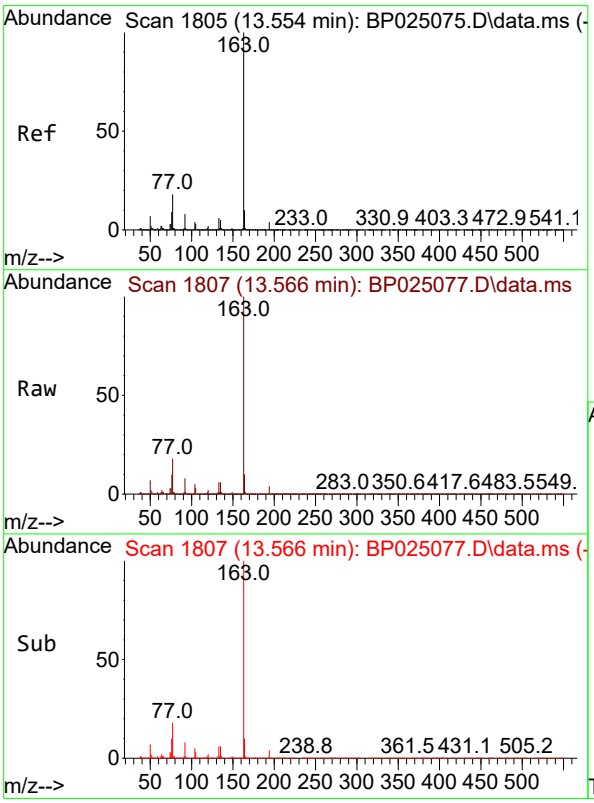
#49
Acenaphthylene
Concen: 63.134 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

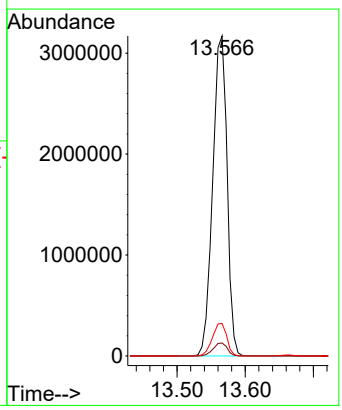


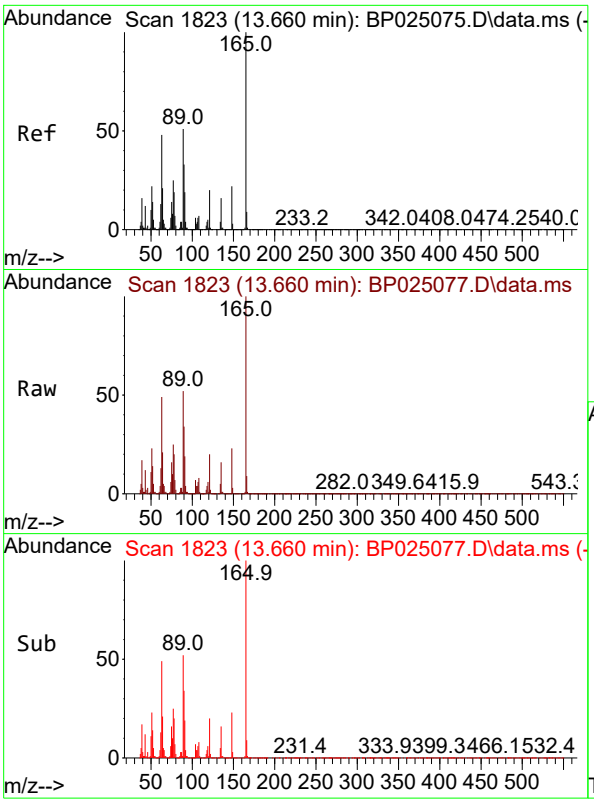


#50
Dimethylphthalate
Concen: 63.498 ng
RT: 13.566 min Scan# 1807
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



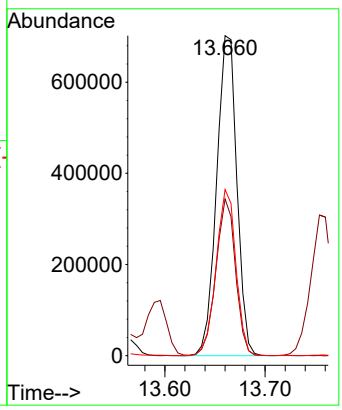


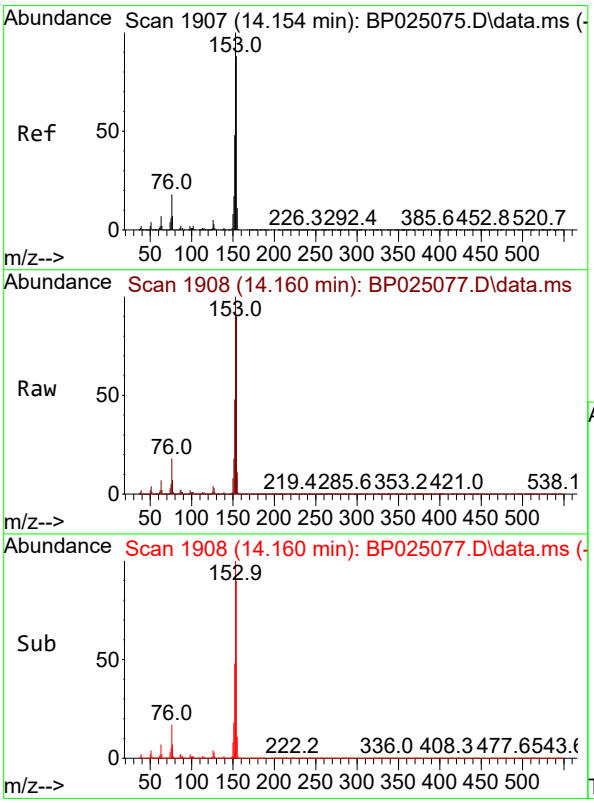
#51
2,6-Dinitrotoluene
Concen: 68.780 ng
RT: 13.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

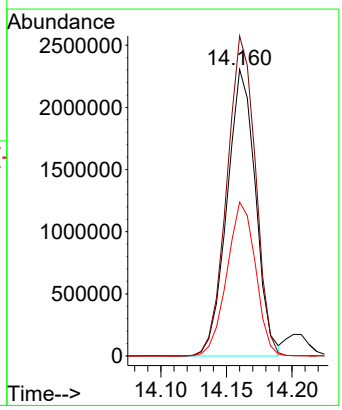


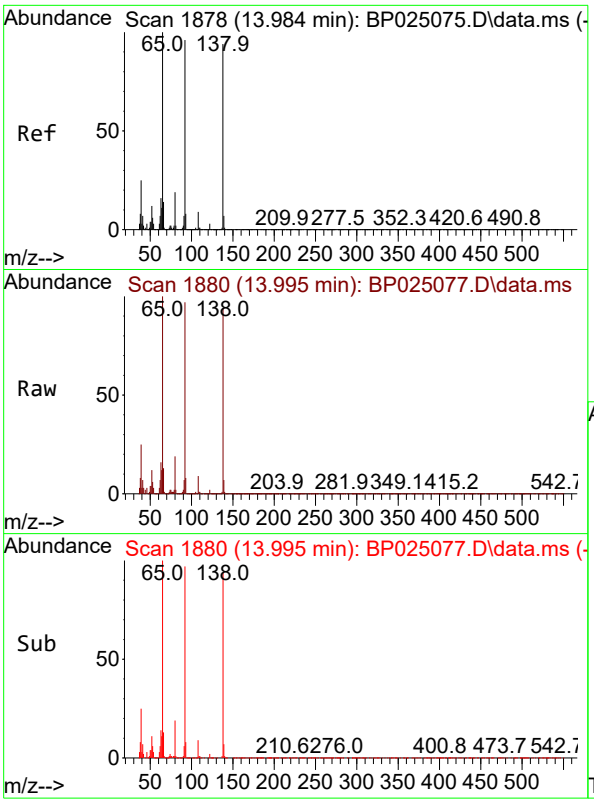


#52
Acenaphthene
Concen: 61.801 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



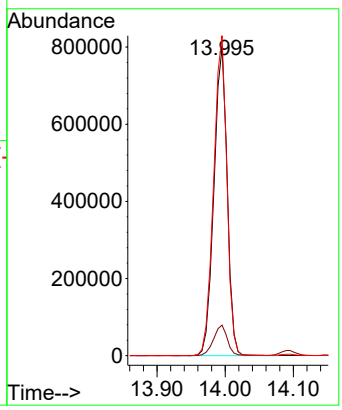


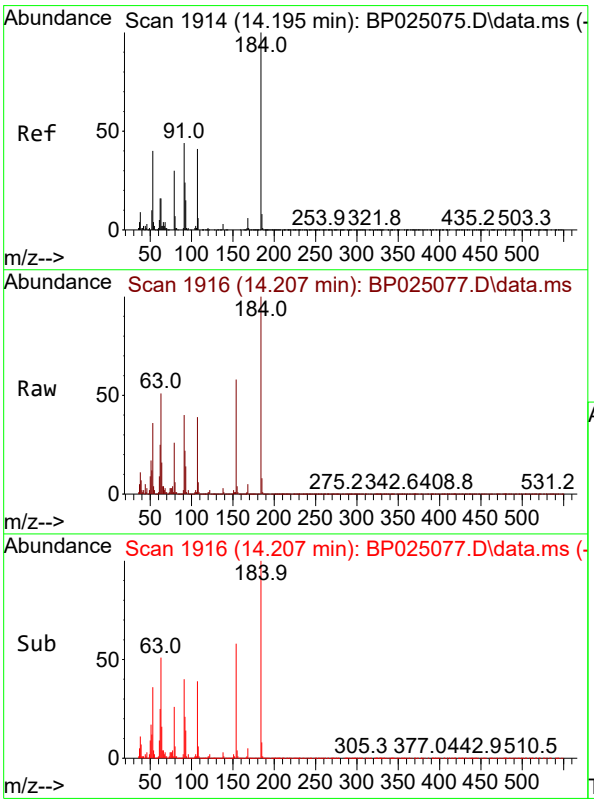
#53
3-Nitroaniline
Concen: 70.651 ng
RT: 13.995 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

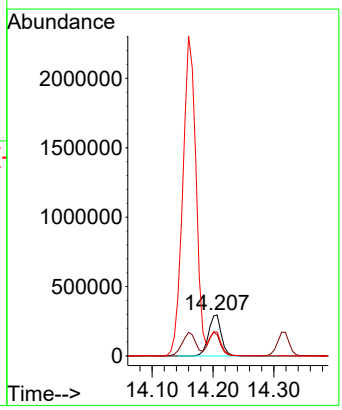


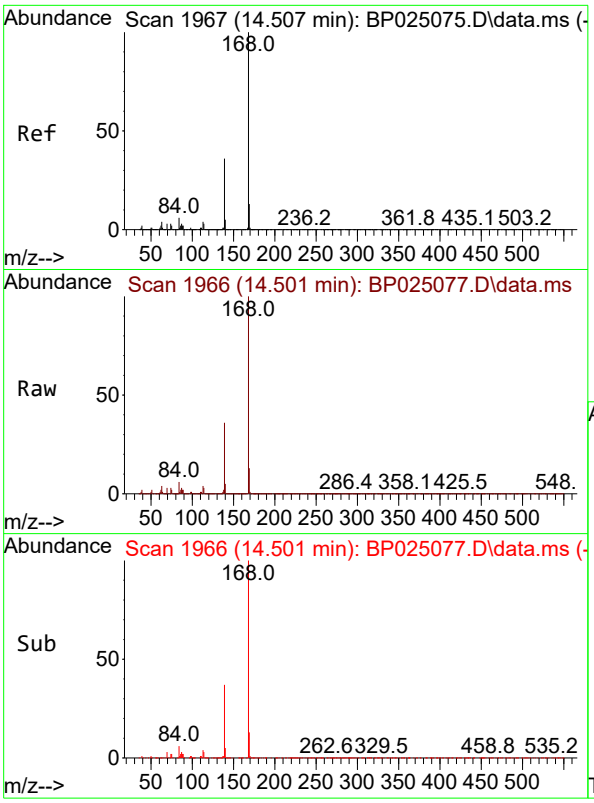


#54
2,4-Dinitrophenol
Concen: 62.873 ng
RT: 14.207 min Scan# 1916
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



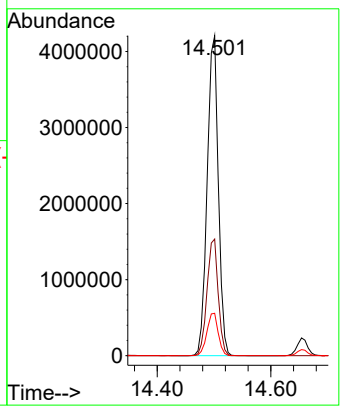


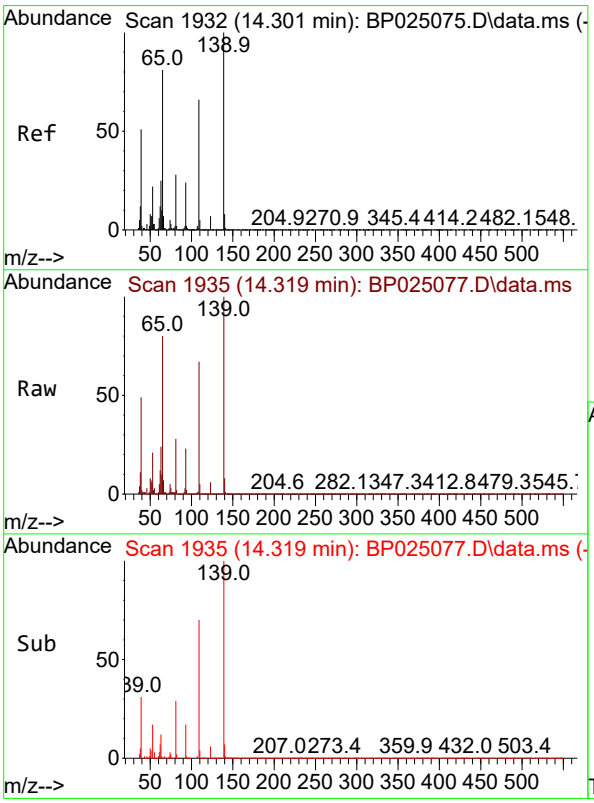
#55
Dibenzofuran
Concen: 61.105 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

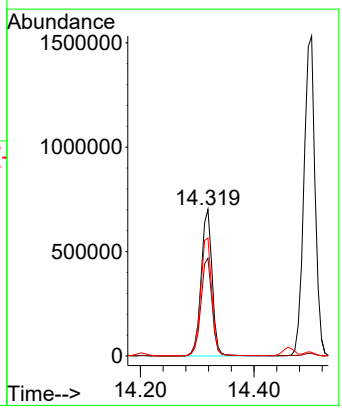


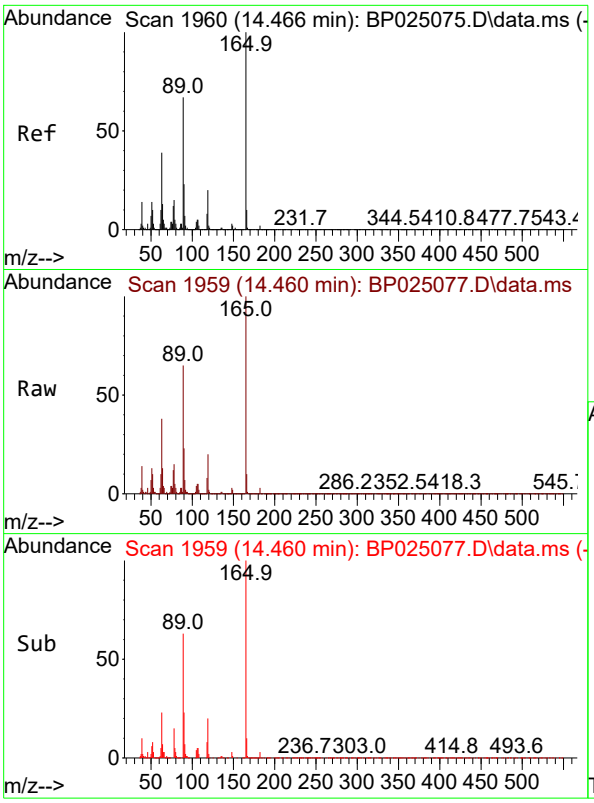


#56
4-Nitrophenol
Concen: 66.867 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



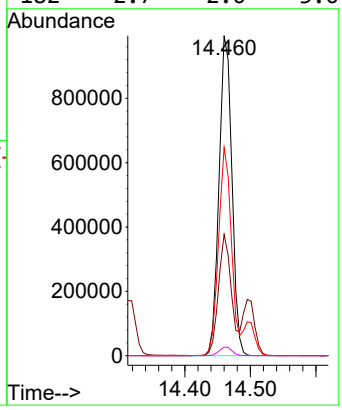


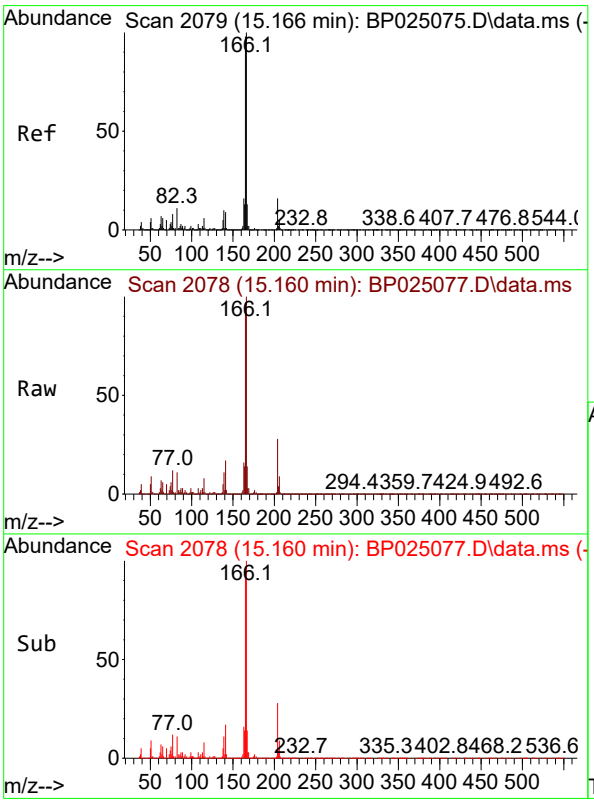
#57
2,4-Dinitrotoluene
Concen: 63.463 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

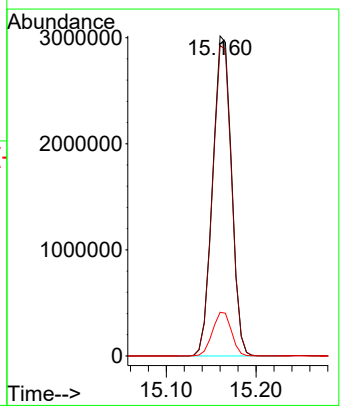


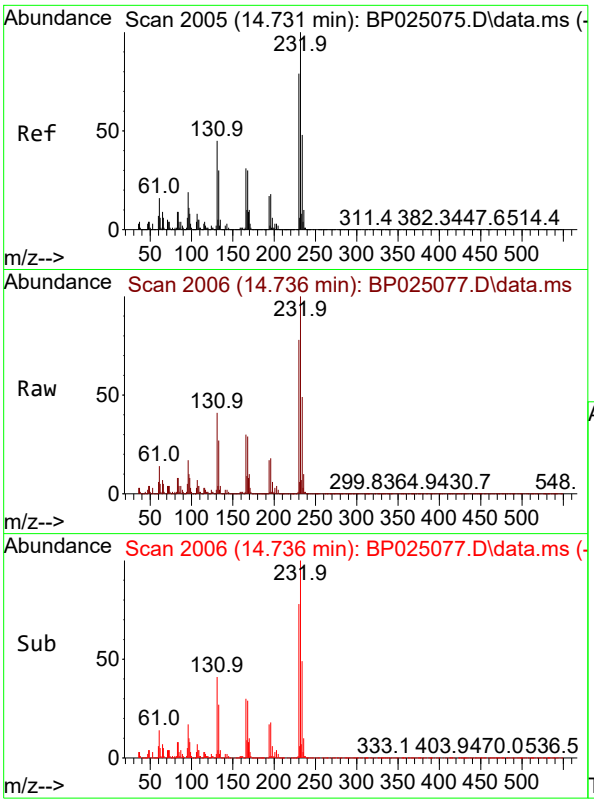


#58
Fluorene
Concen: 61.134 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



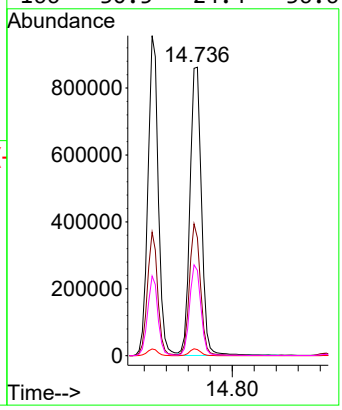


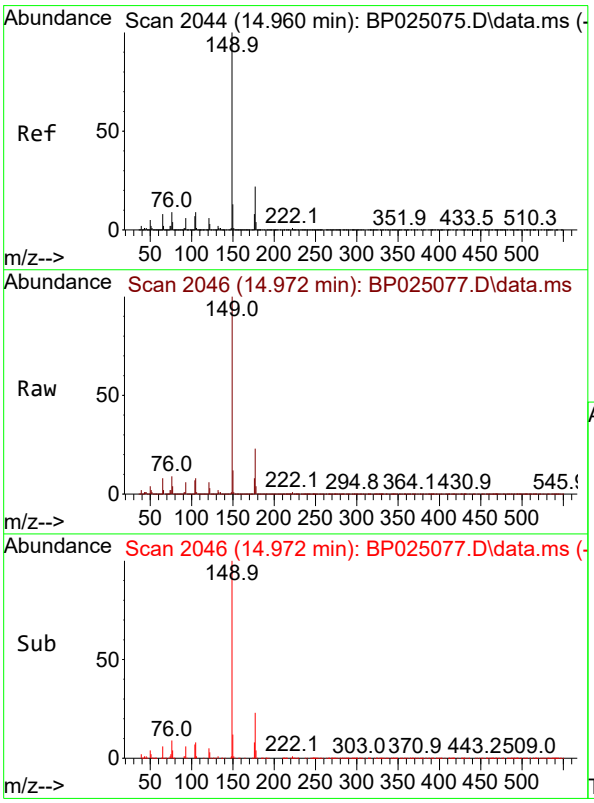
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.732 ng
RT: 14.736 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

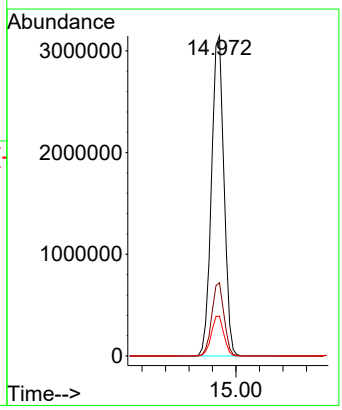


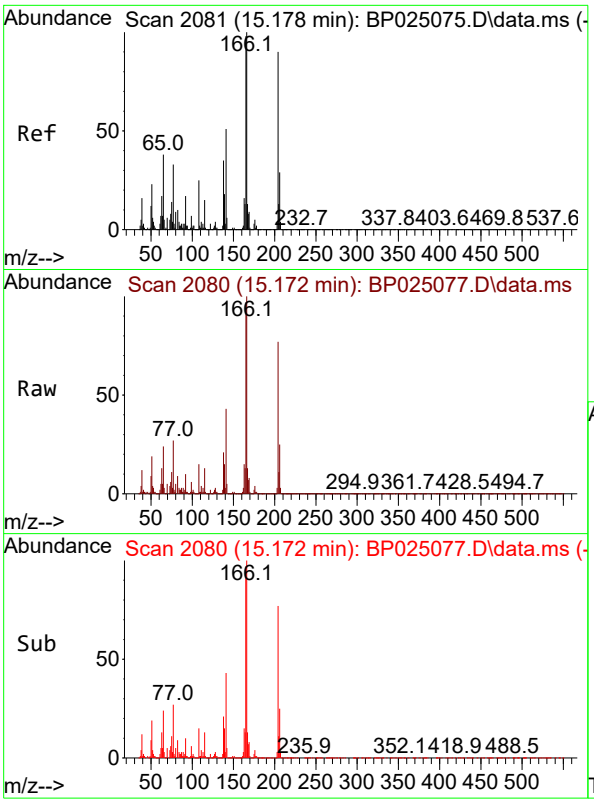


#60
Diethylphthalate
Concen: 63.033 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



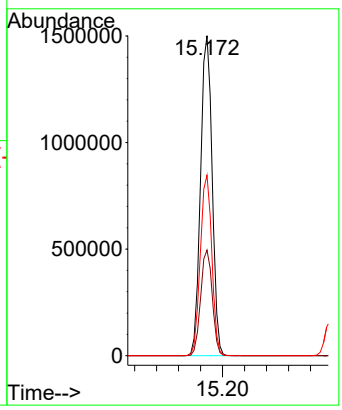


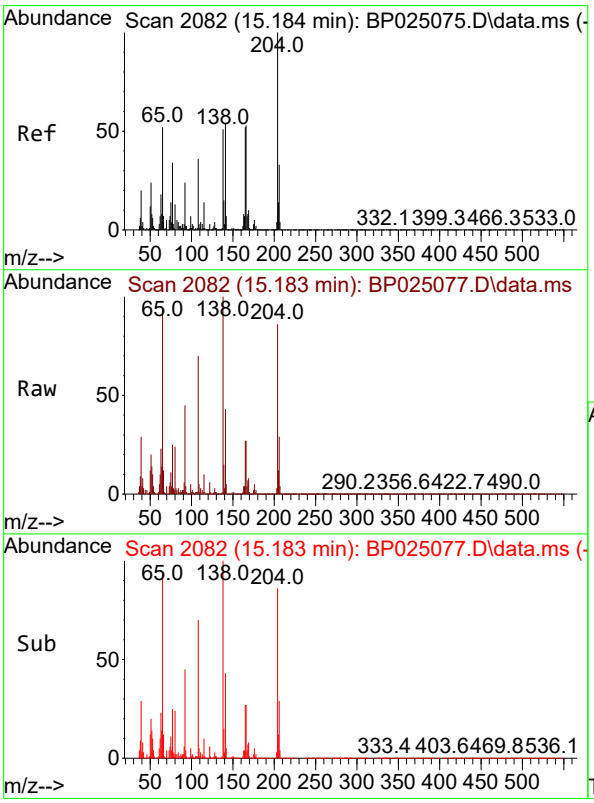
#61
4-Chlorophenyl-phenylether
Concen: 61.583 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

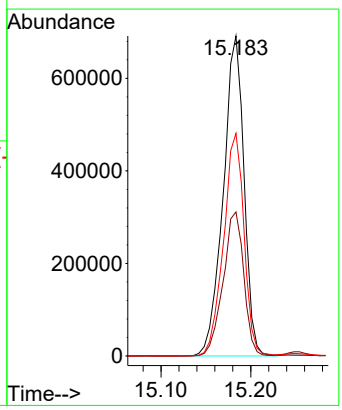


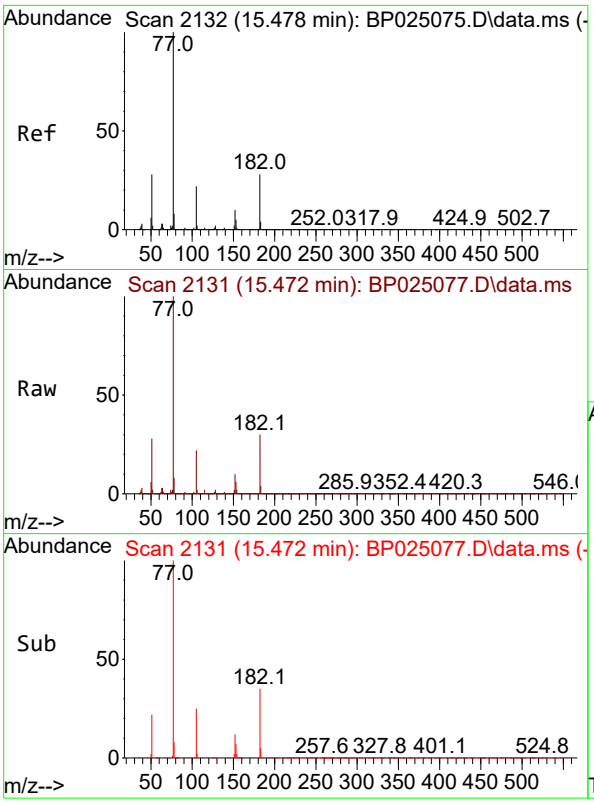


#62
4-Nitroaniline
Concen: 69.287 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



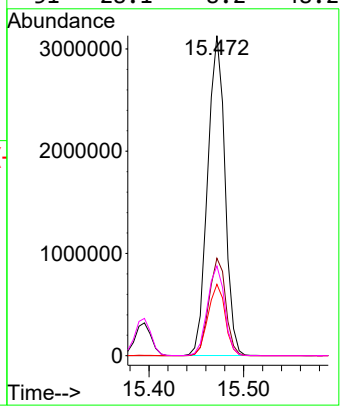


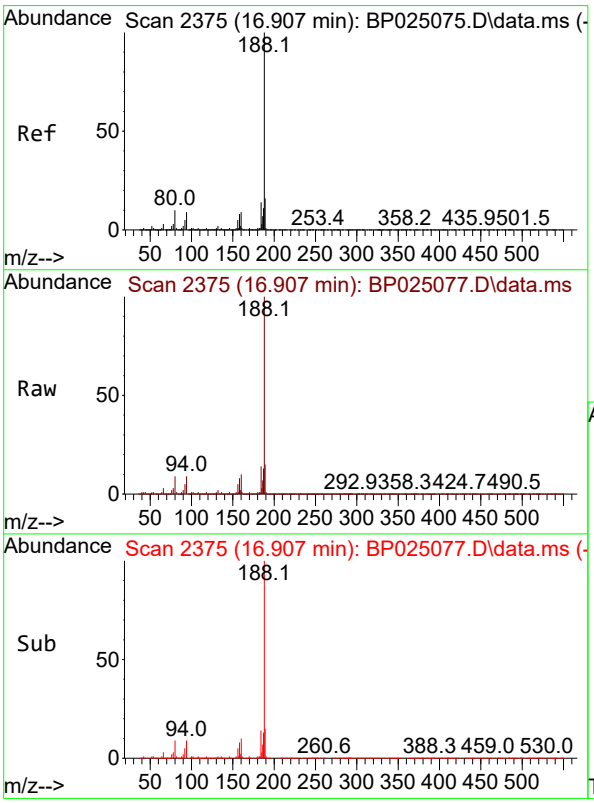
#63
Azobenzene
Concen: 60.626 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

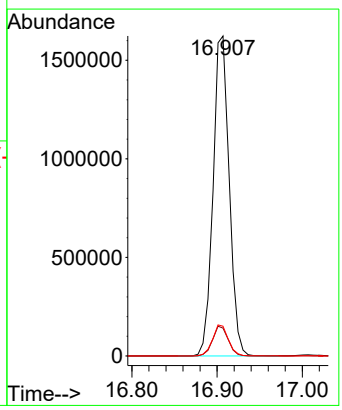


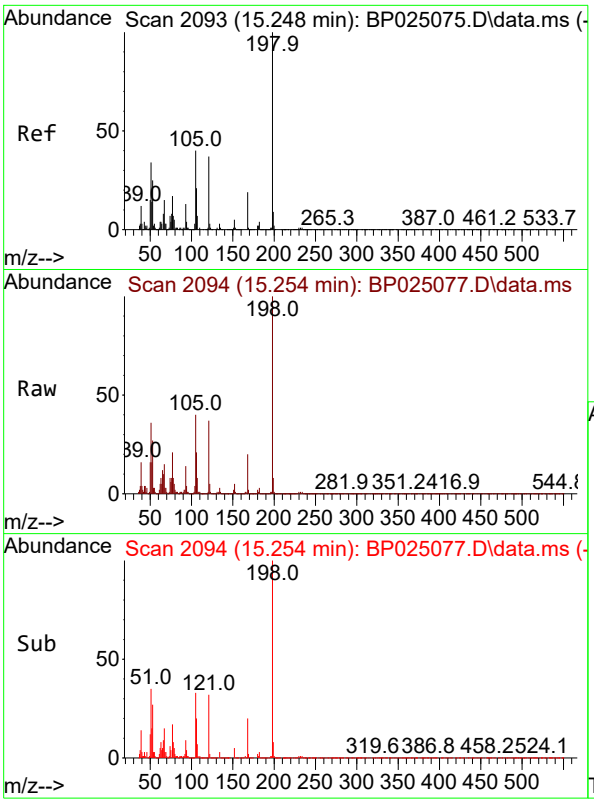


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



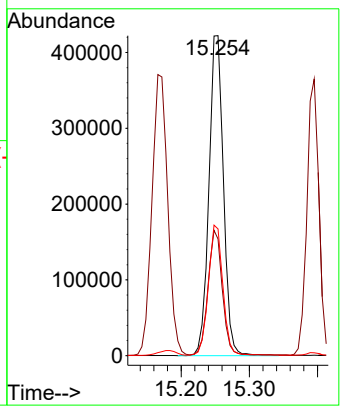


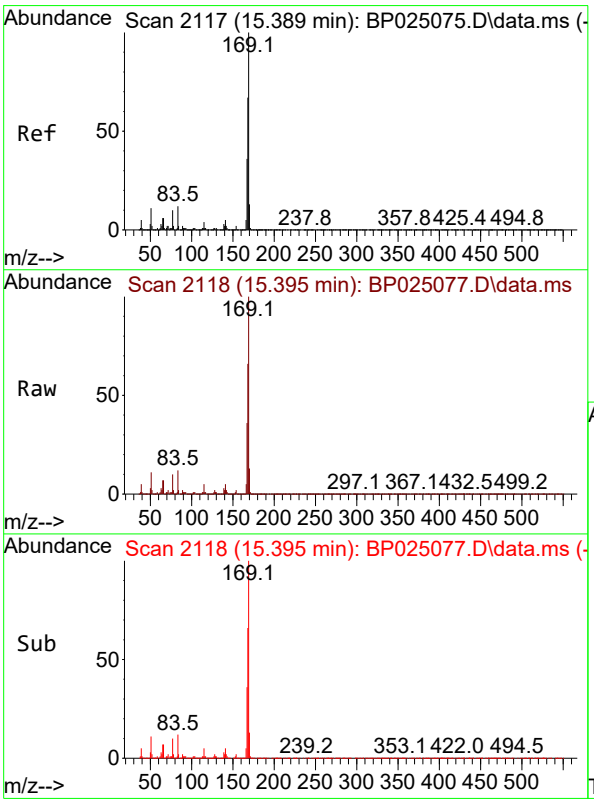
#65
4,6-Dinitro-2-methylphenol
Concen: 62.277 ng
RT: 15.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

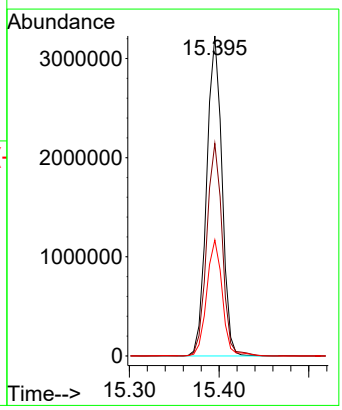


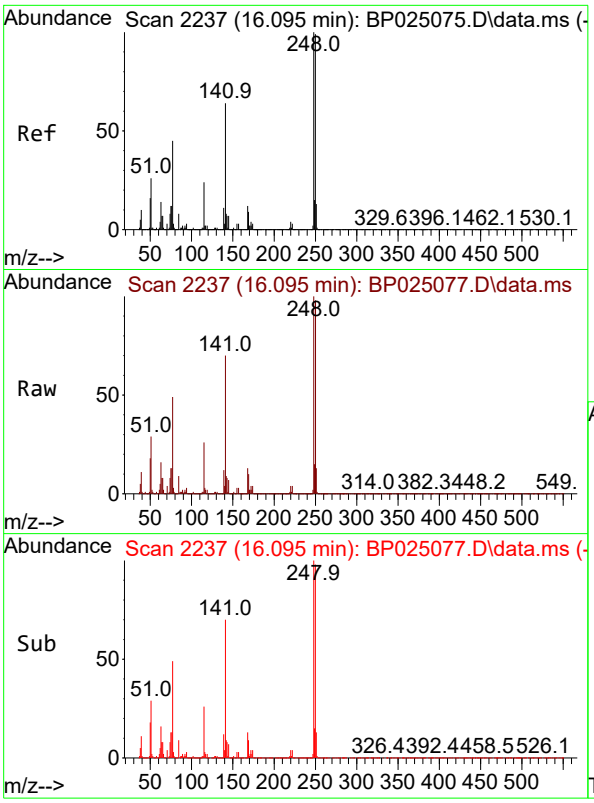


#66
n-Nitrosodiphenylamine
Concen: 62.033 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



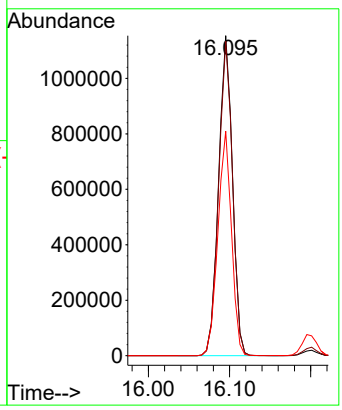


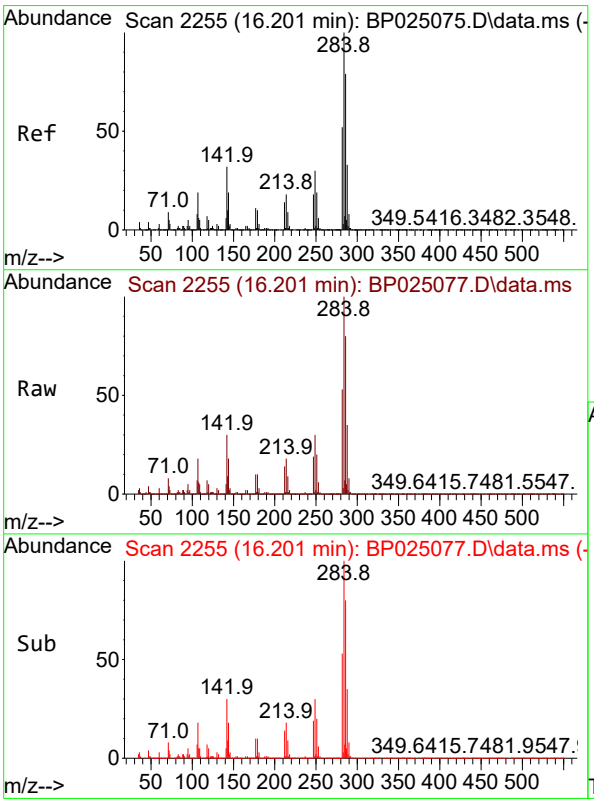
#67
4-Bromophenyl-phenylether
Concen: 62.680 ng
RT: 16.095 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

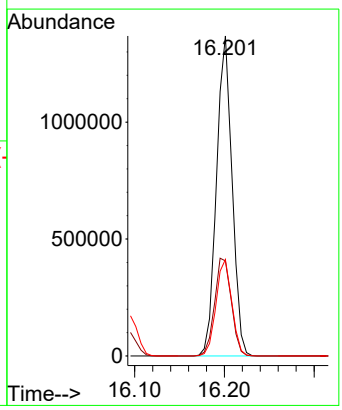


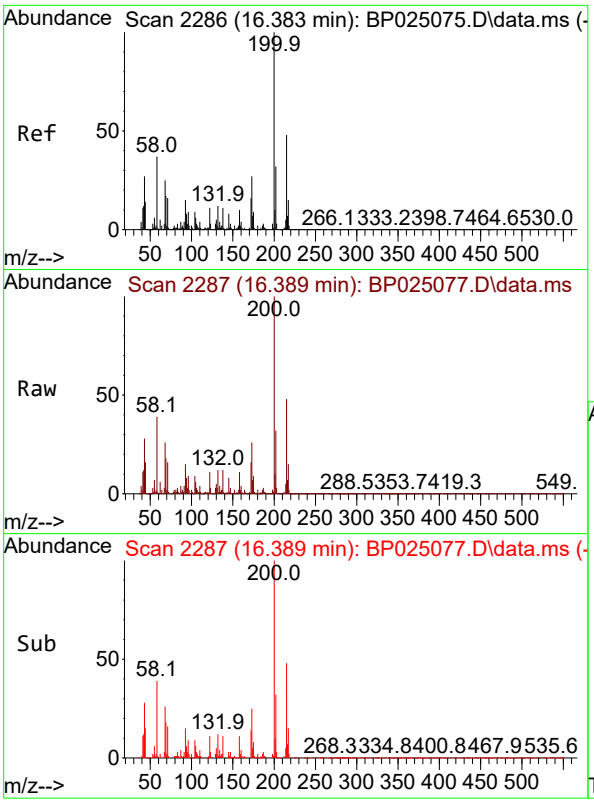


#68
Hexachlorobenzene
Concen: 61.529 ng
RT: 16.201 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



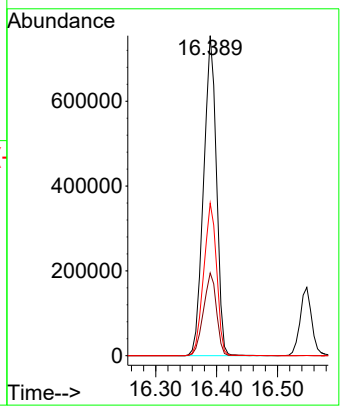


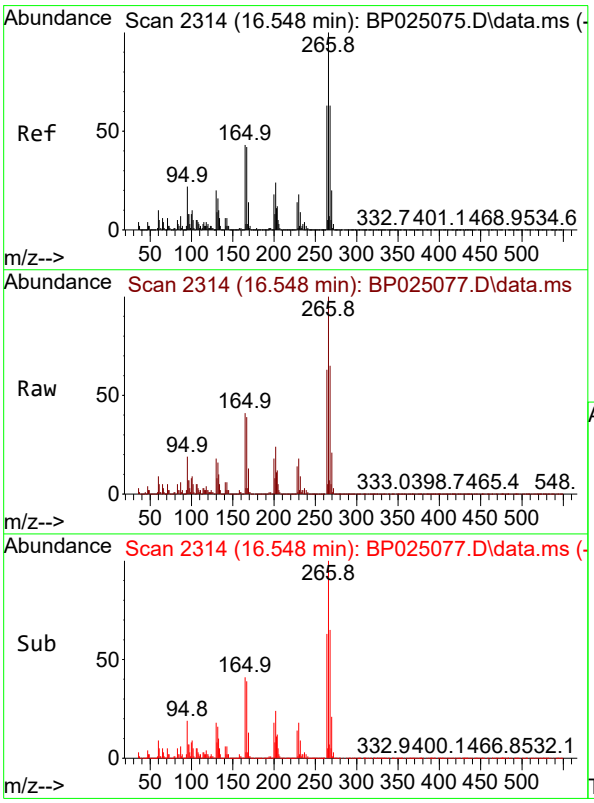
#69
Atrazine
Concen: 61.661 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

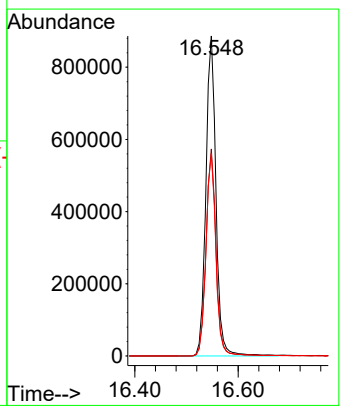


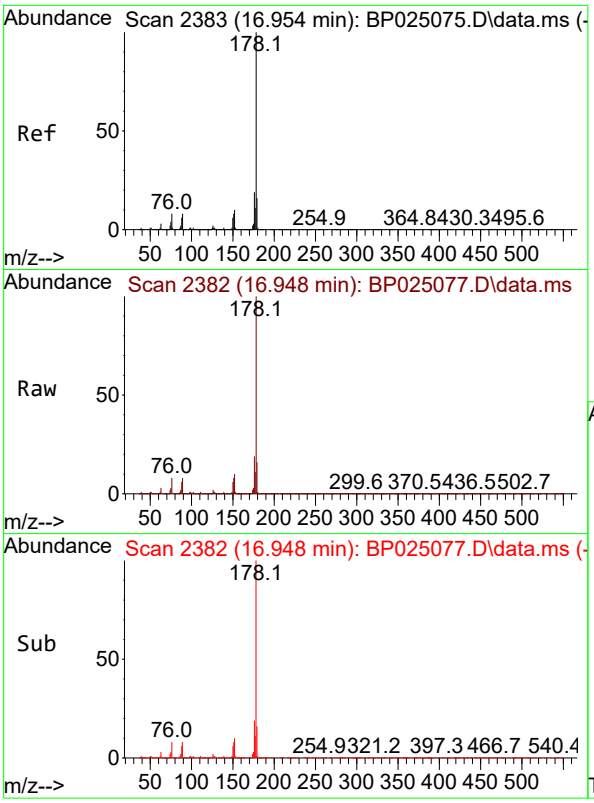


#70
Pentachlorophenol
Concen: 66.135 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



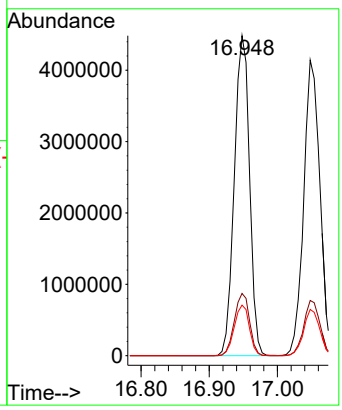


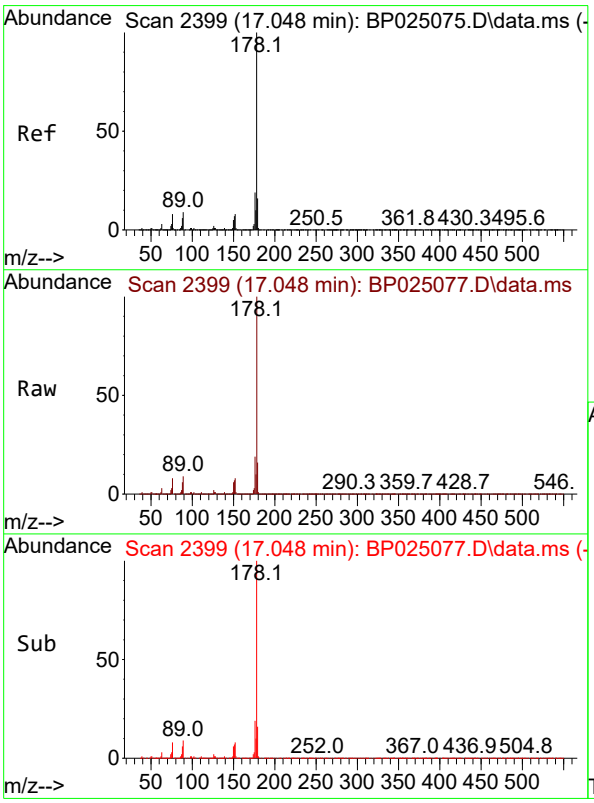
#71
Phenanthrene
Concen: 60.733 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

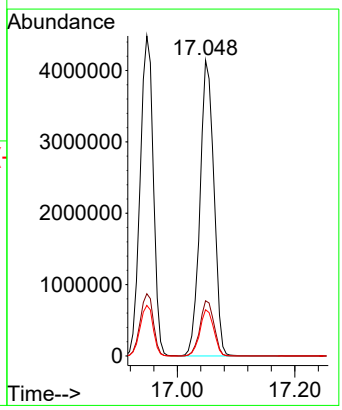


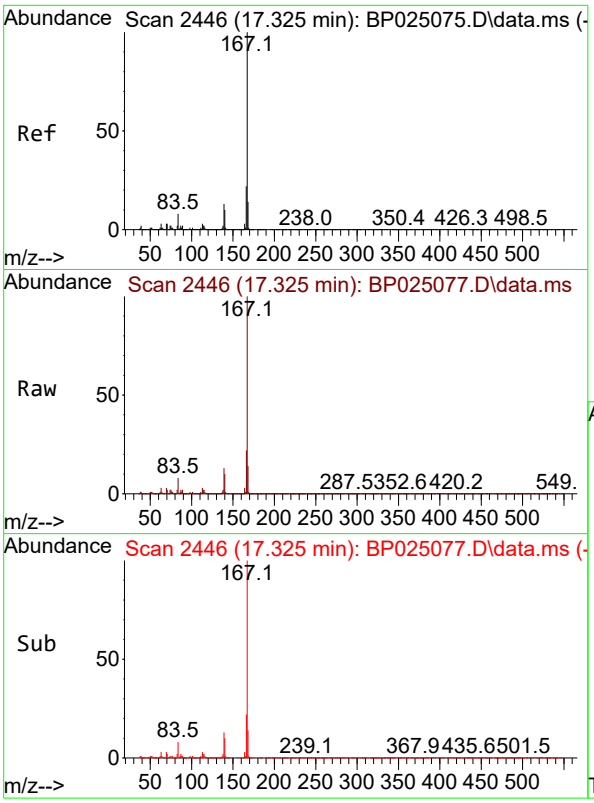


#72
Anthracene
Concen: 62.154 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



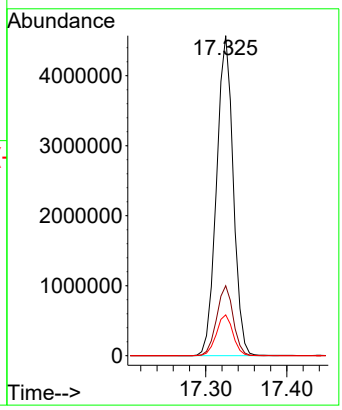


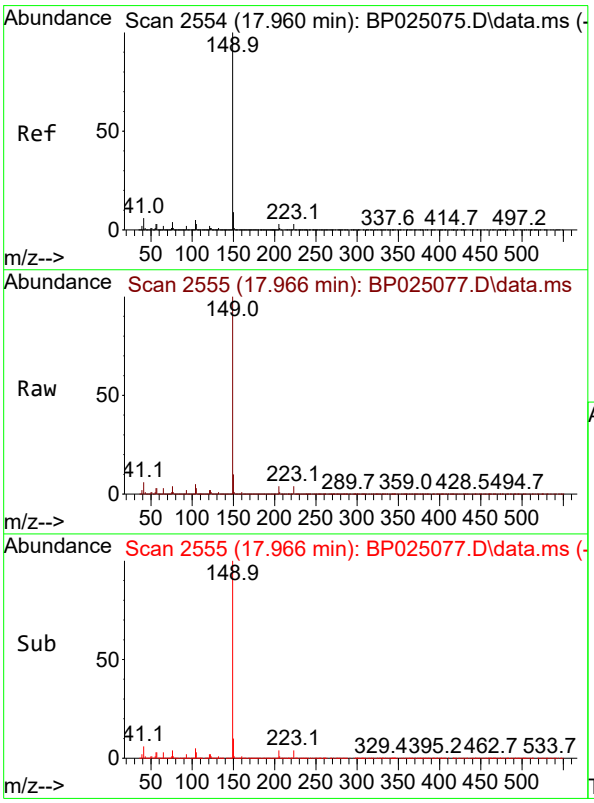
#73
Carbazole
Concen: 60.850 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

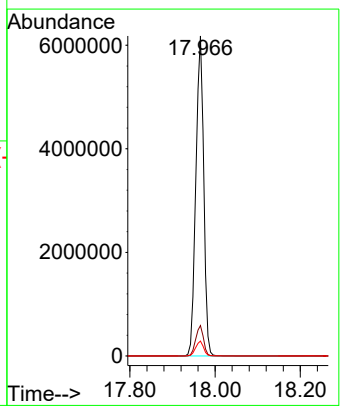


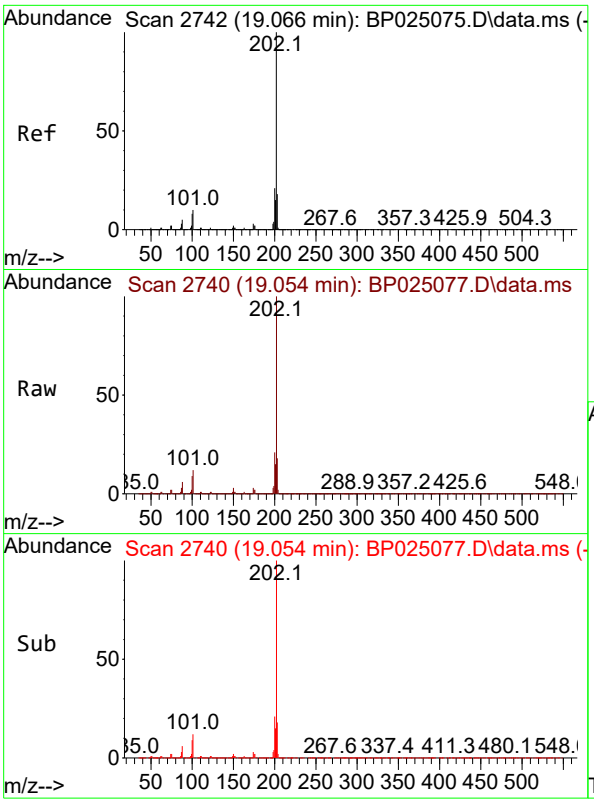


#74
Di-n-butylphthalate
Concen: 65.983 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



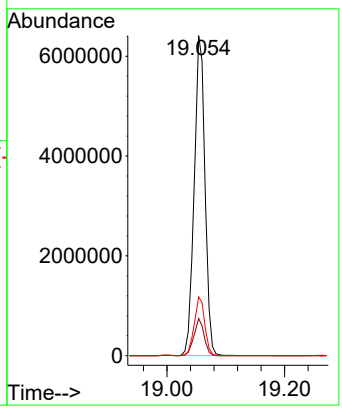


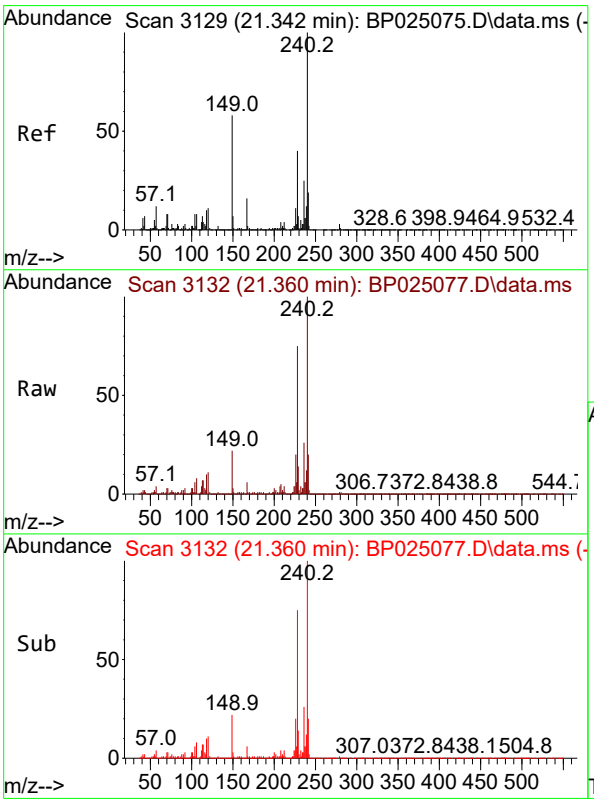
#75
Fluoranthene
Concen: 60.911 ng
RT: 19.054 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

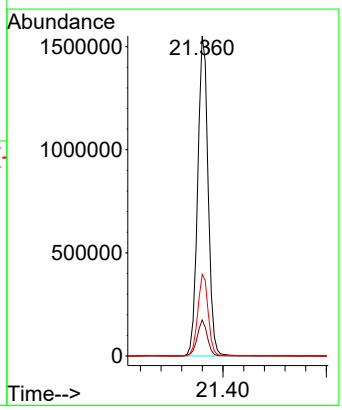


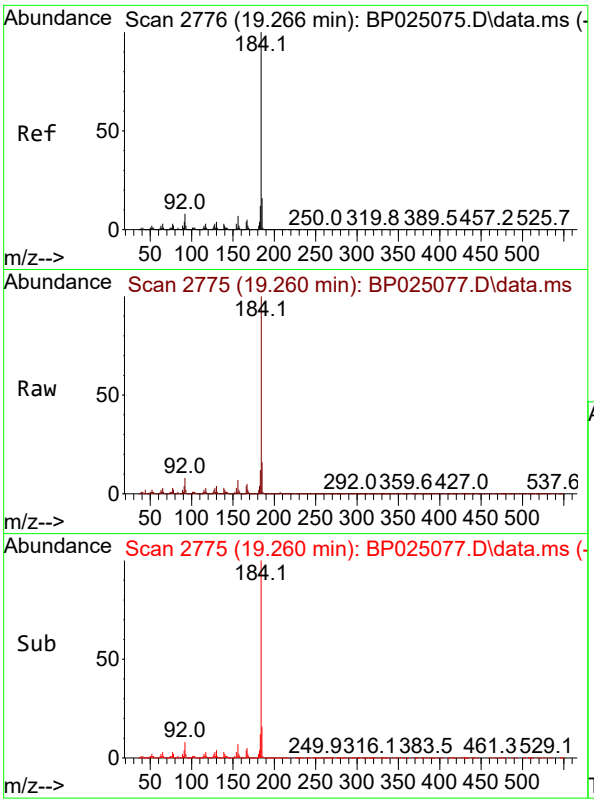


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



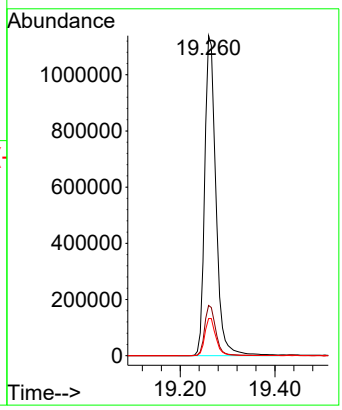


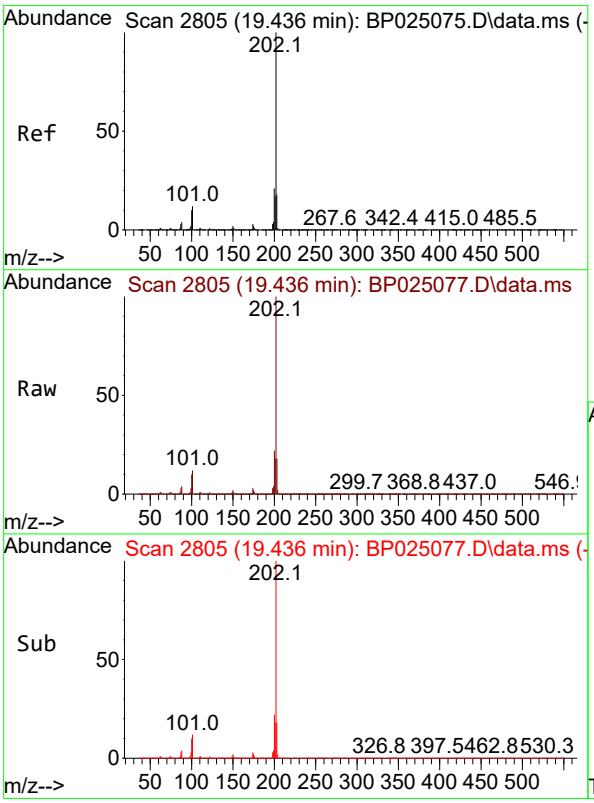
#77
Benzidine
Concen: 48.887 ng
RT: 19.260 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

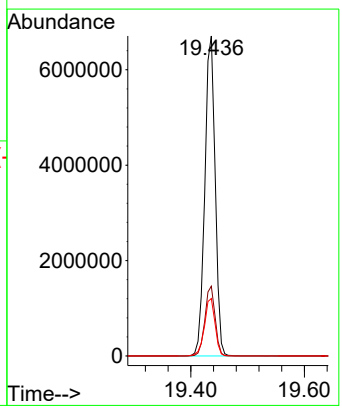


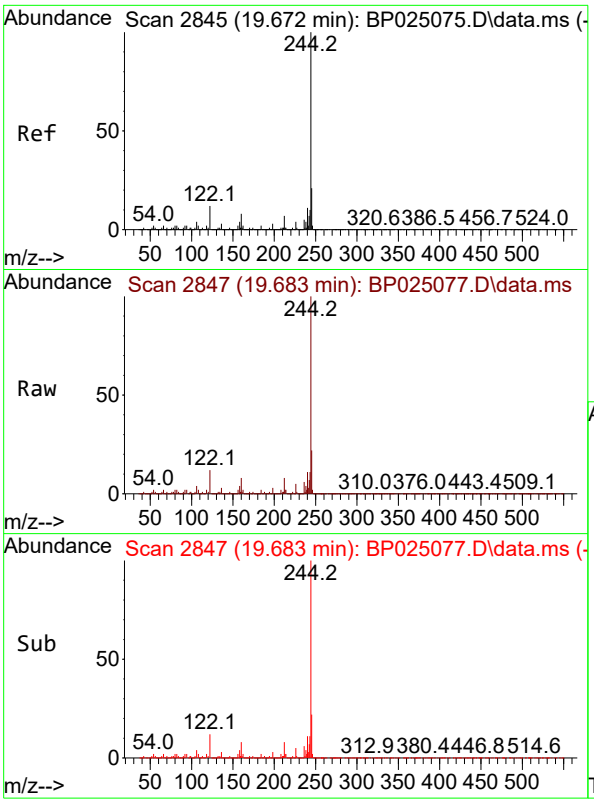


#78
Pyrene
Concen: 63.052 ng
RT: 19.436 min Scan# 2805
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



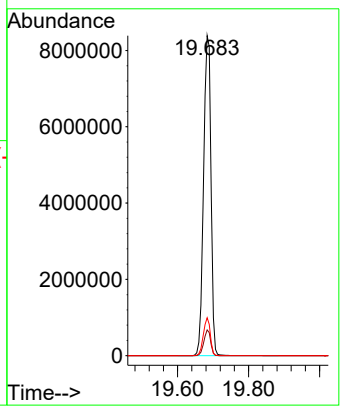


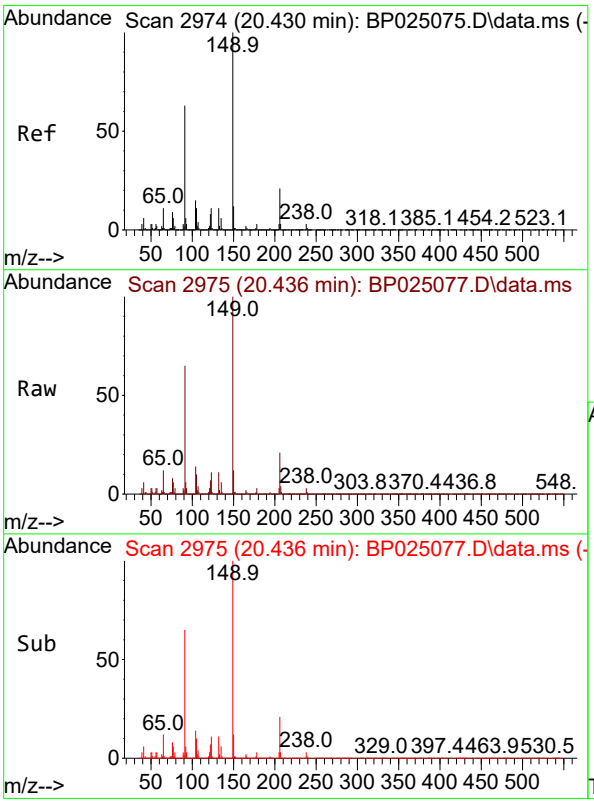
#79
Terphenyl-d14
Concen: 123.446 ng
RT: 19.683 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

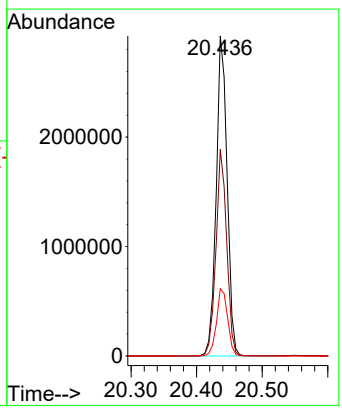


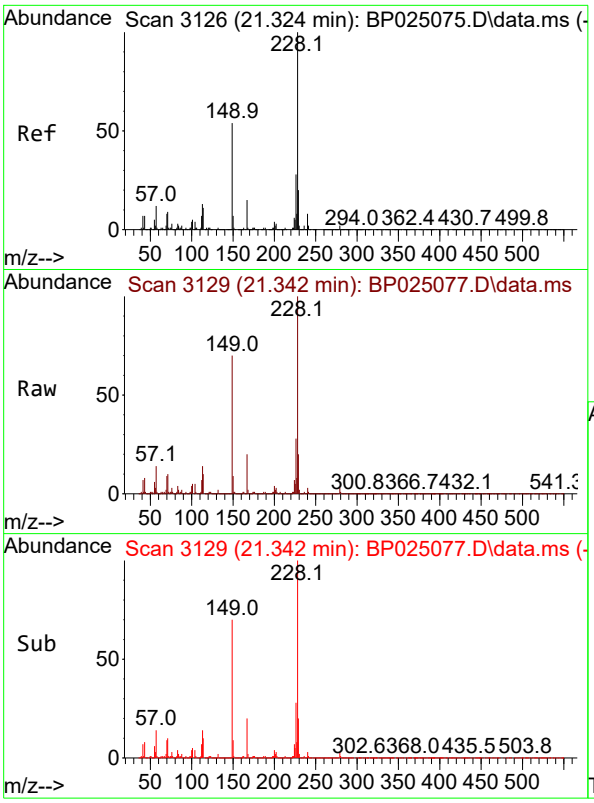


#80
Butylbenzylphthalate
Concen: 63.936 ng
RT: 20.436 min Scan# 2975
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



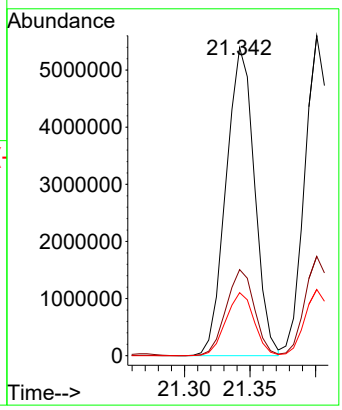


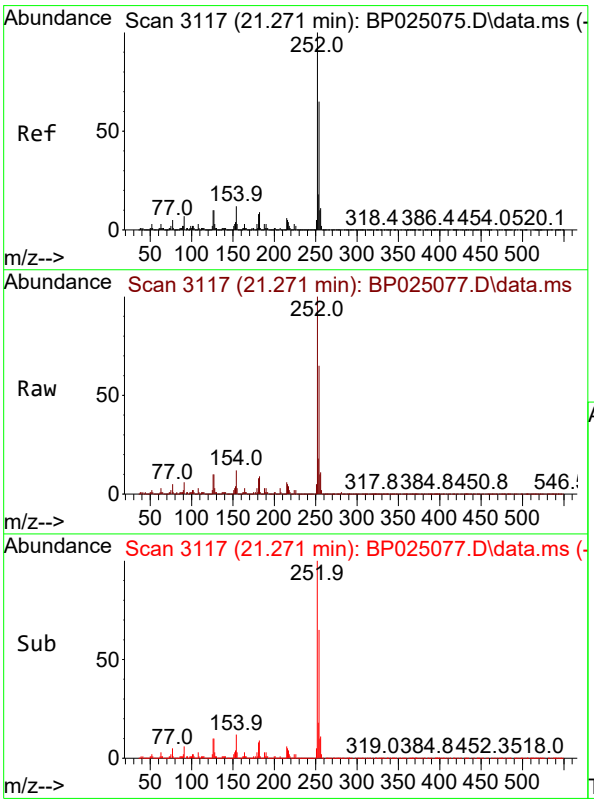
#81
Benzo(a)anthracene
Concen: 62.254 ng
RT: 21.342 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

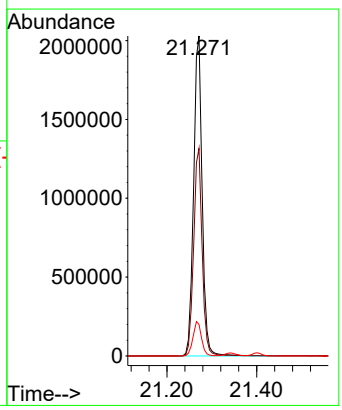


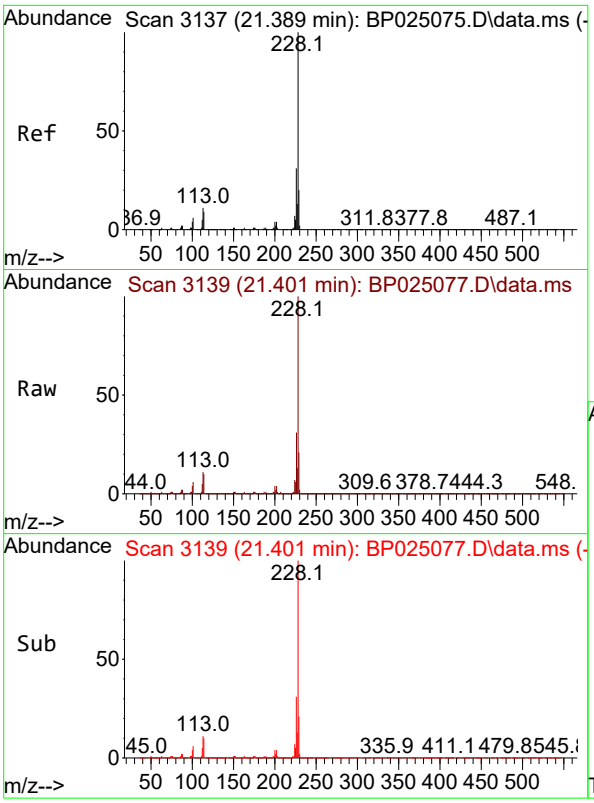


#82
3,3'-Dichlorobenzidine
Concen: 68.044 ng
RT: 21.271 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



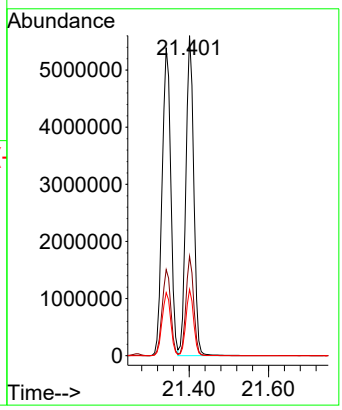


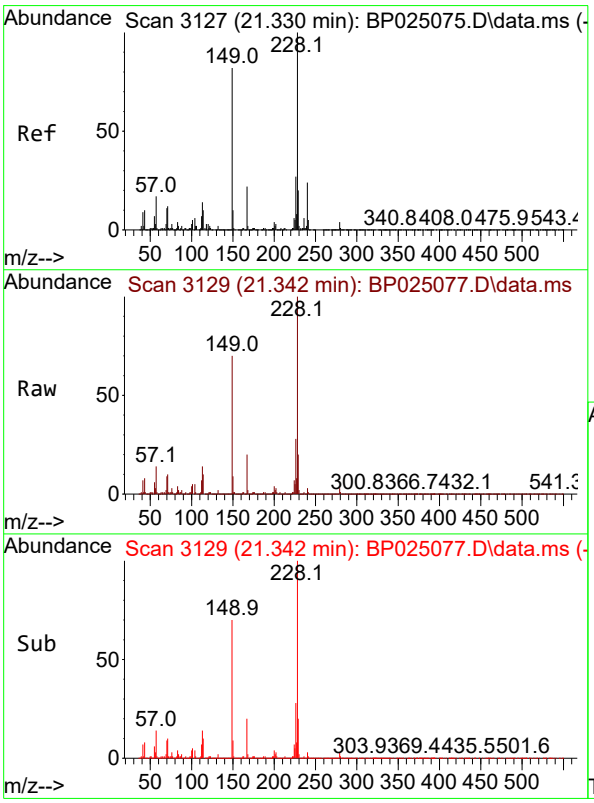
#83
Chrysene
Concen: 61.276 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

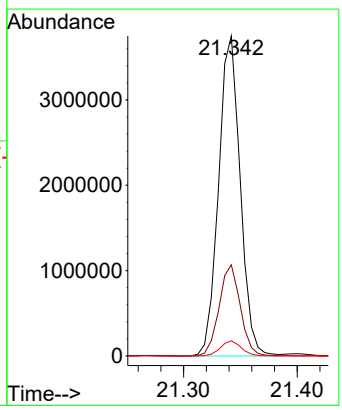


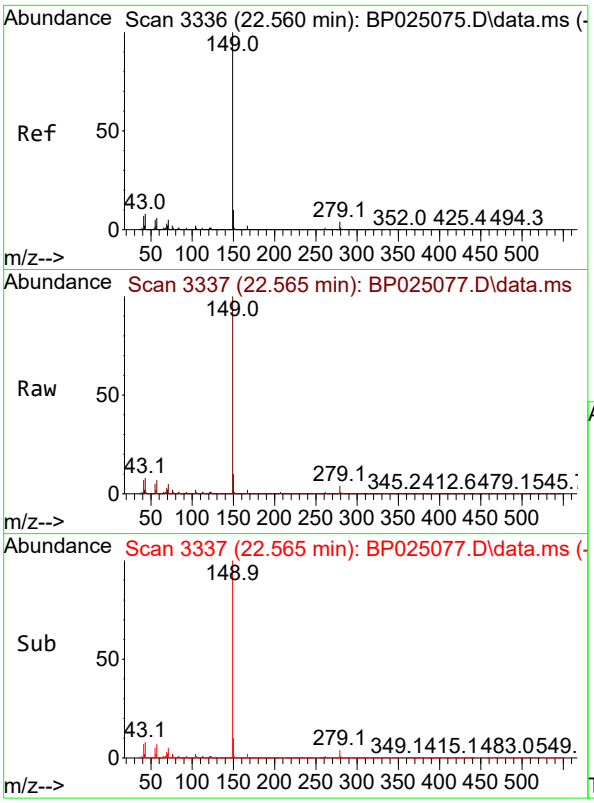


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.551 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



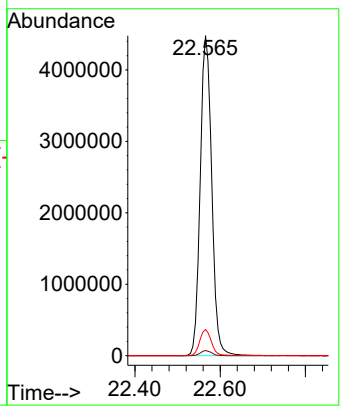


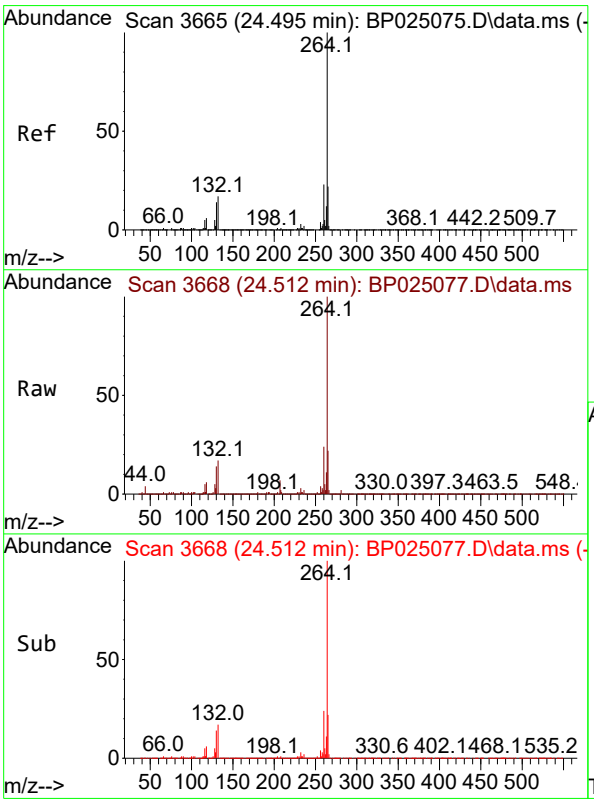
#85
Di-n-octyl phthalate
Concen: 62.869 ng
RT: 22.565 min Scan# 3
Delta R.T. 0.005 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

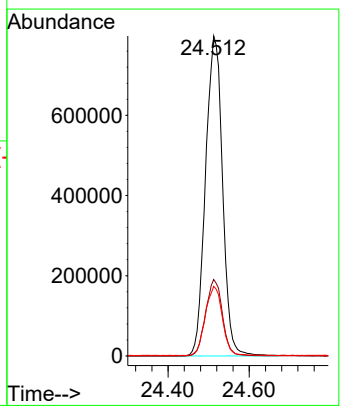


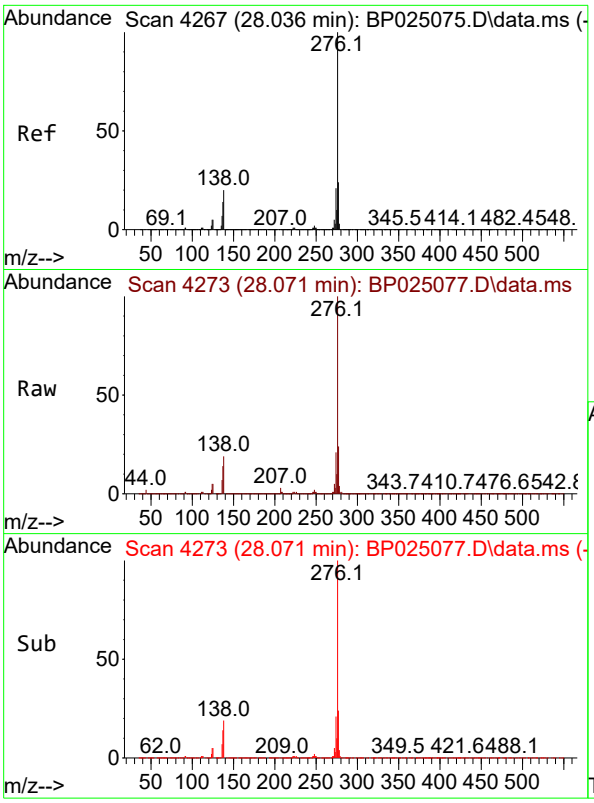


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.512 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



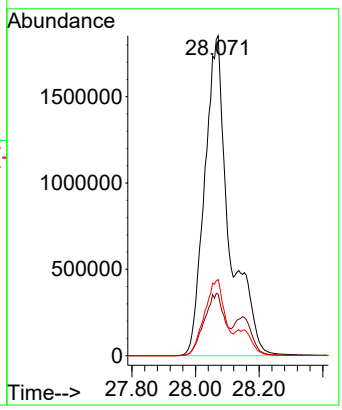


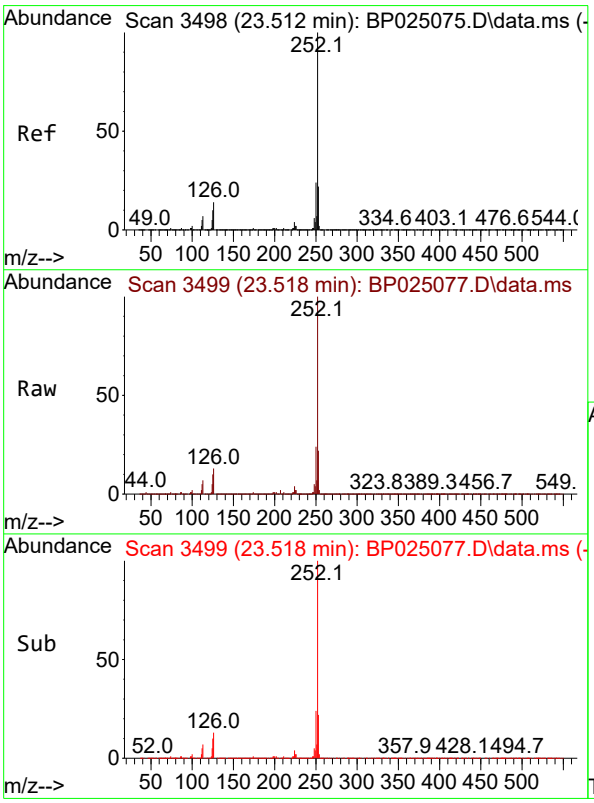
#87
Indeno(1,2,3-cd)pyrene
Concen: 67.489 ng m
RT: 28.071 min Scan# 4
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

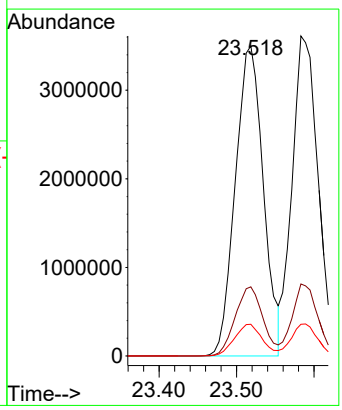


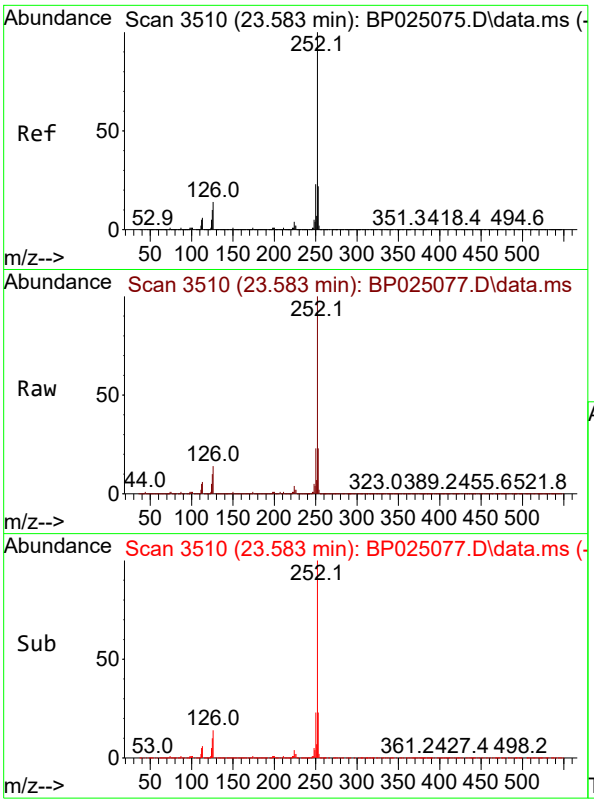


#88
Benzo(b)fluoranthene
Concen: 65.272 ng
RT: 23.518 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



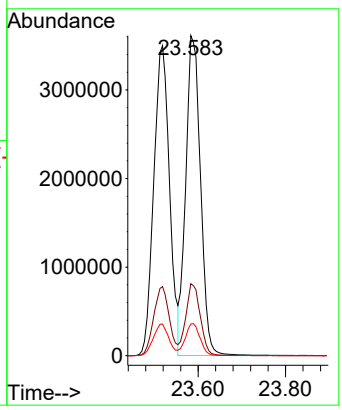


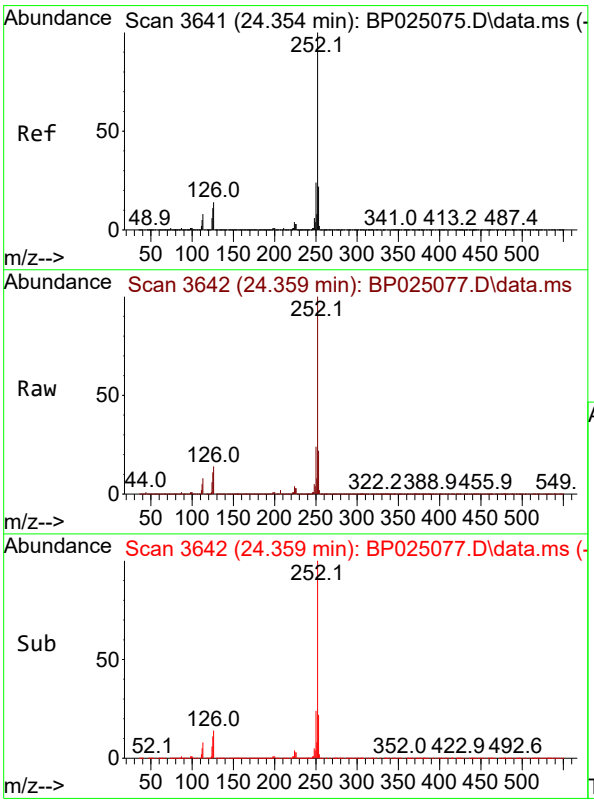
#89
Benzo(k)fluoranthene
Concen: 63.076 ng
RT: 23.583 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

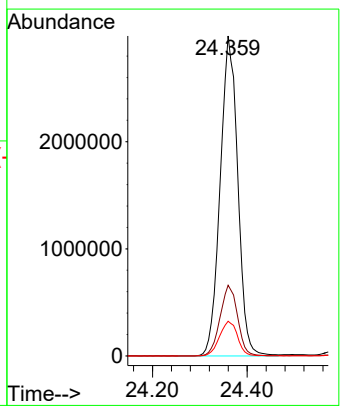


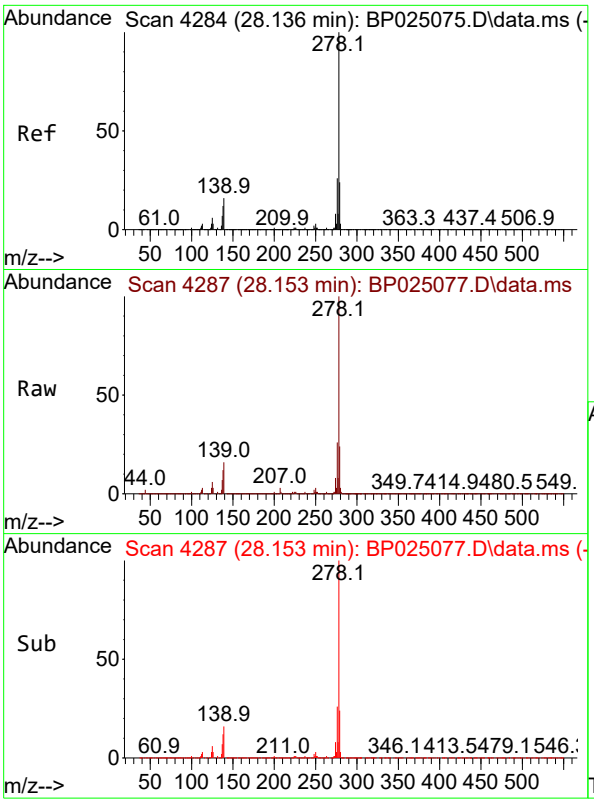


#90
Benzo(a)pyrene
Concen: 67.128 ng
RT: 24.359 min Scan# 3642
Delta R.T. 0.006 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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



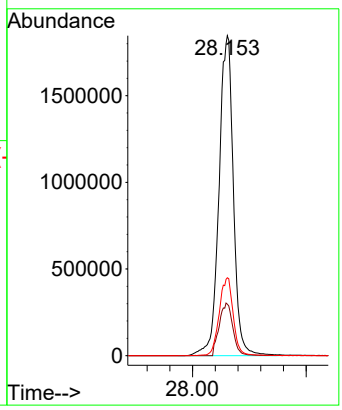


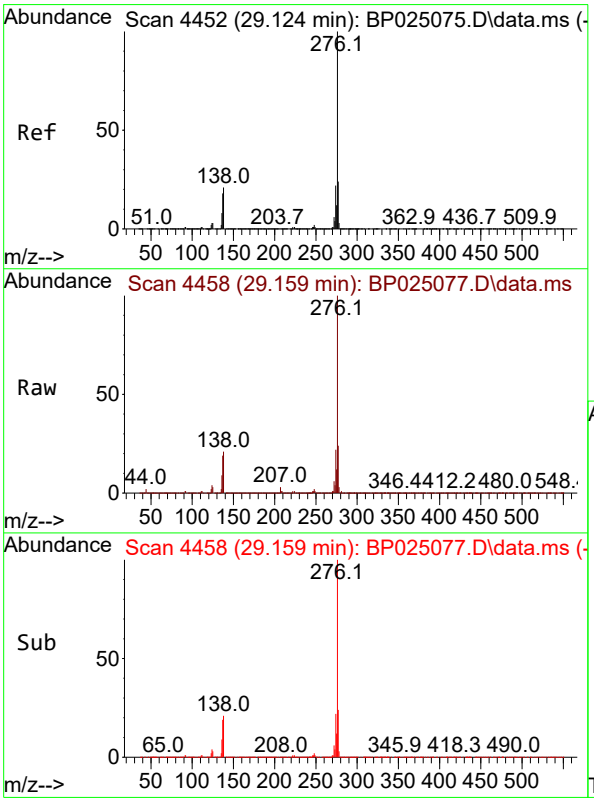
#91
Dibenzo(a,h)anthracene
Concen: 66.770 ng
RT: 28.153 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

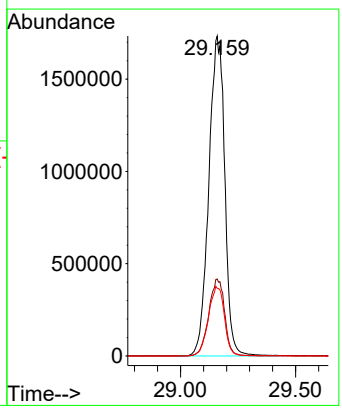




#92
Benzo(g,h,i)perylene
Concen: 66.020 ng
RT: 29.159 min Scan# 4458
Delta R.T. 0.035 min
Lab File: BP025077.D
Acq: 03 Jul 2025 13:49

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

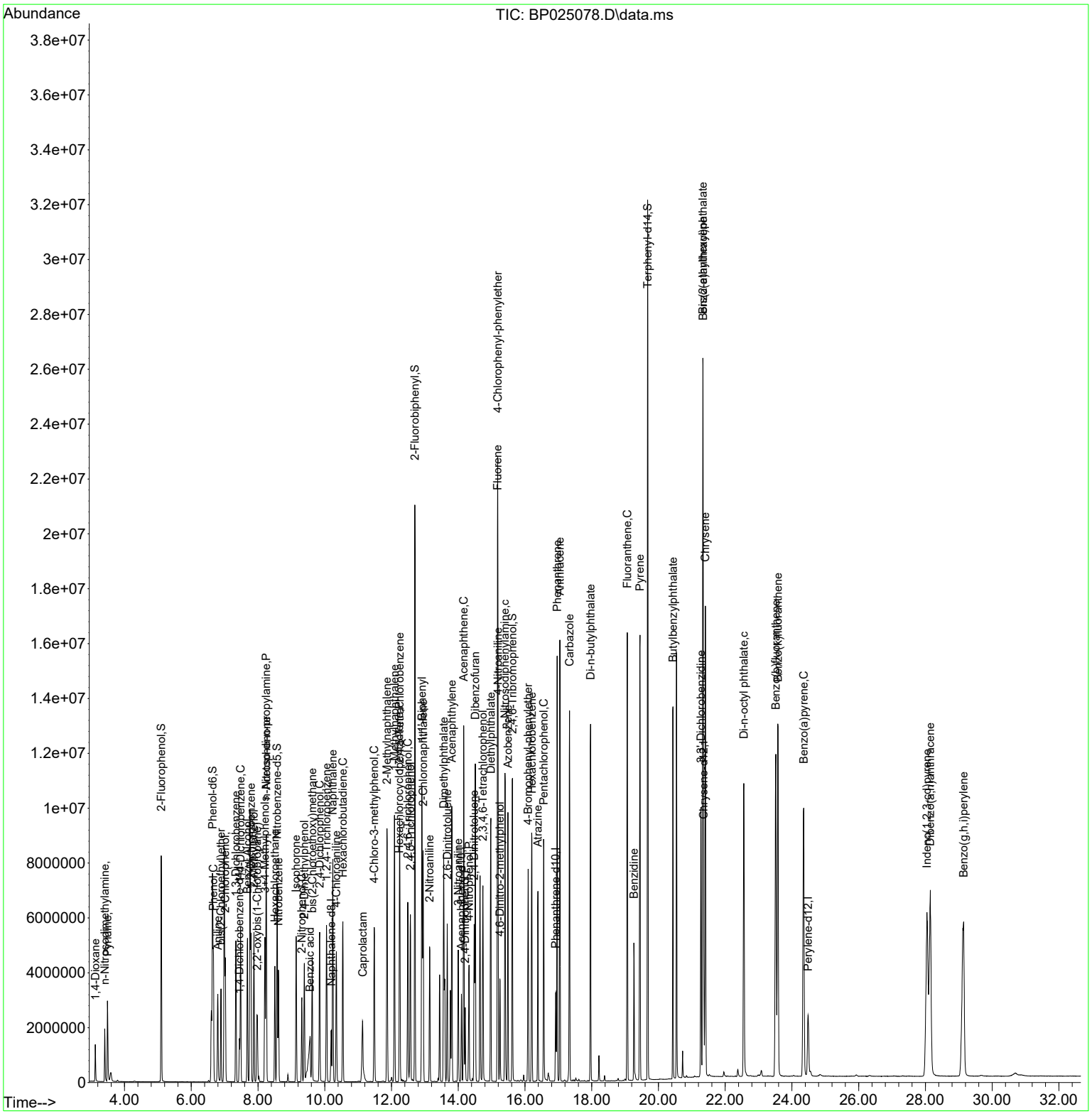
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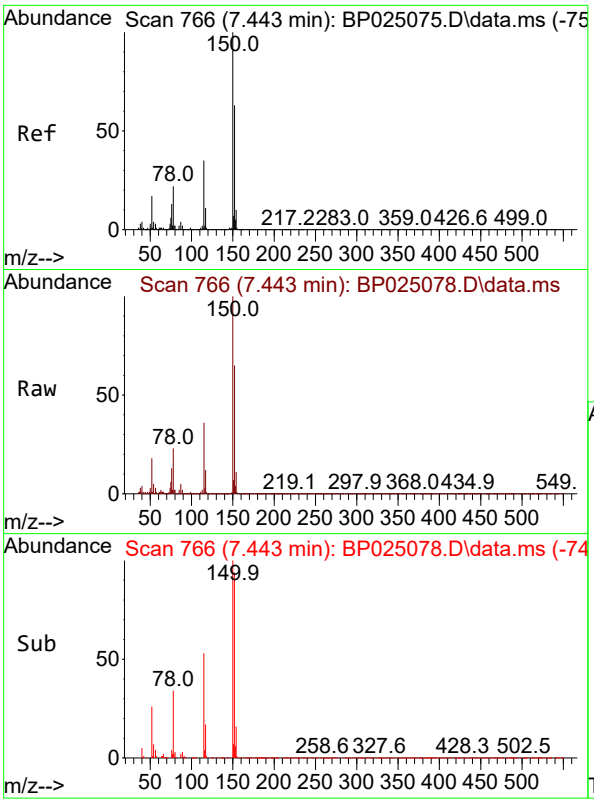
ICAL Form

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



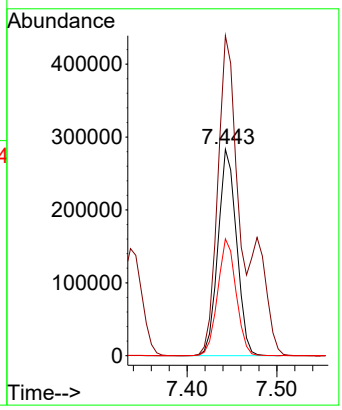


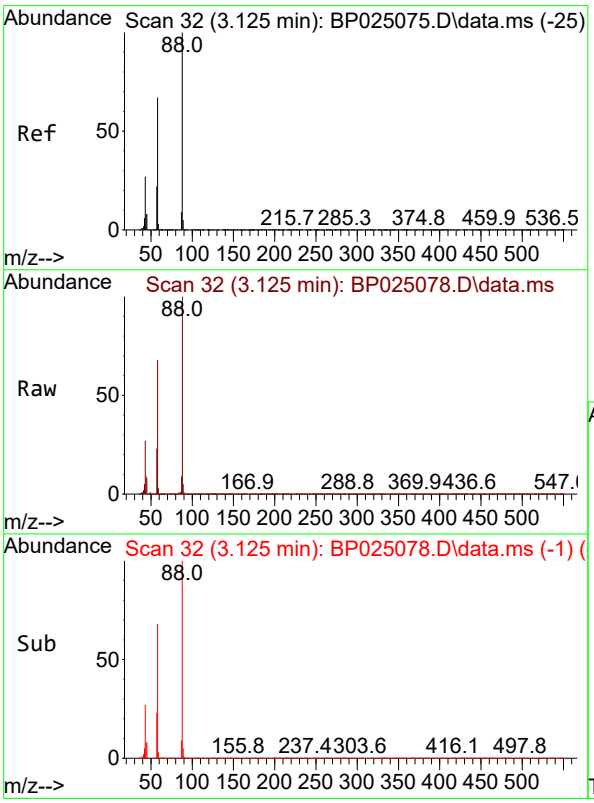
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

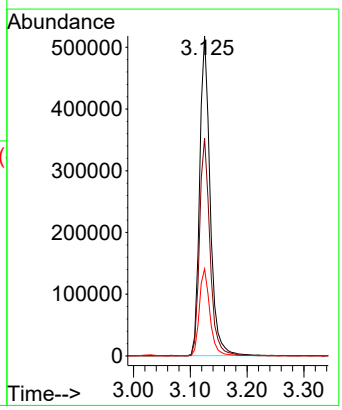


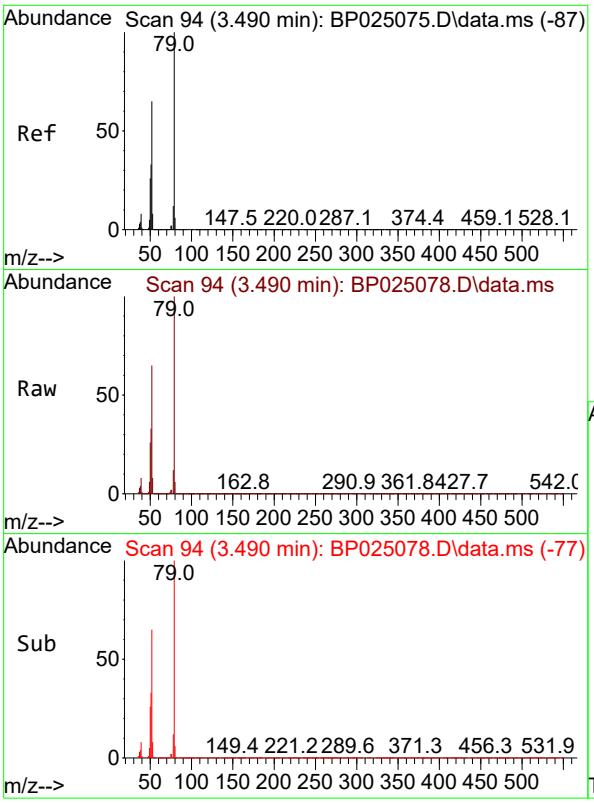


#2
1,4-Dioxane
Concen: 74.549 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



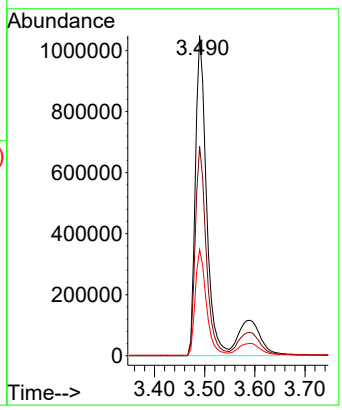


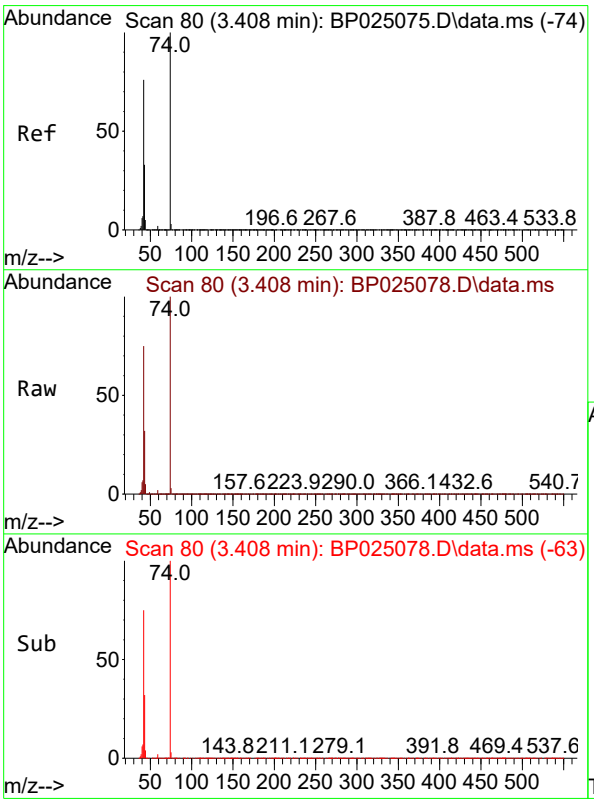
#3
Pyridine
Concen: 80.126 ng m
RT: 3.490 min Scan# 94
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

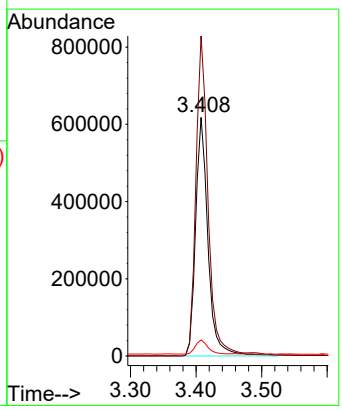


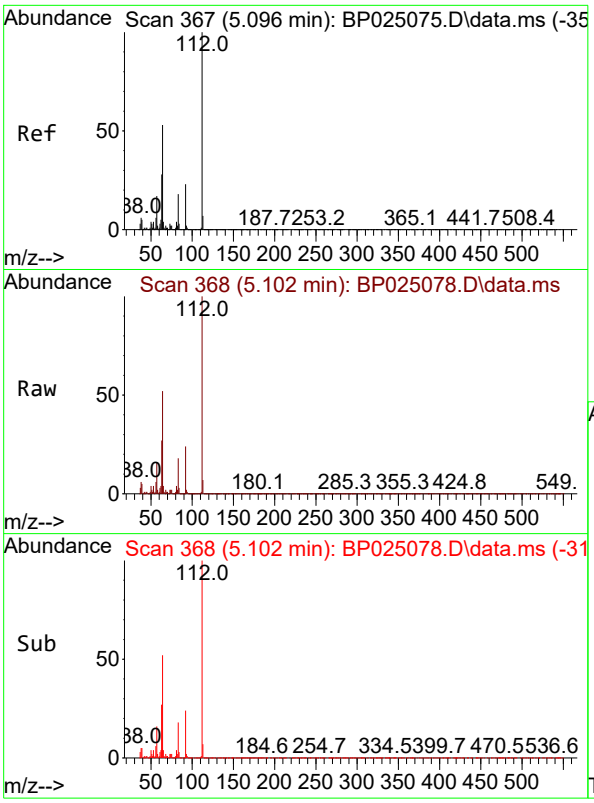


#4
n-Nitrosodimethylamine
Concen: 78.664 ng
RT: 3.408 min Scan# 80
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



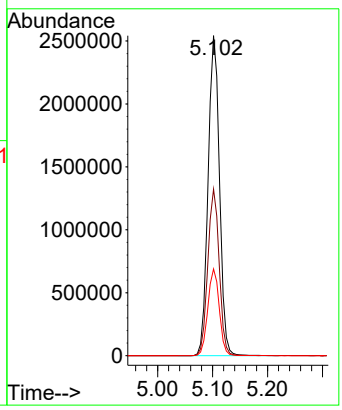


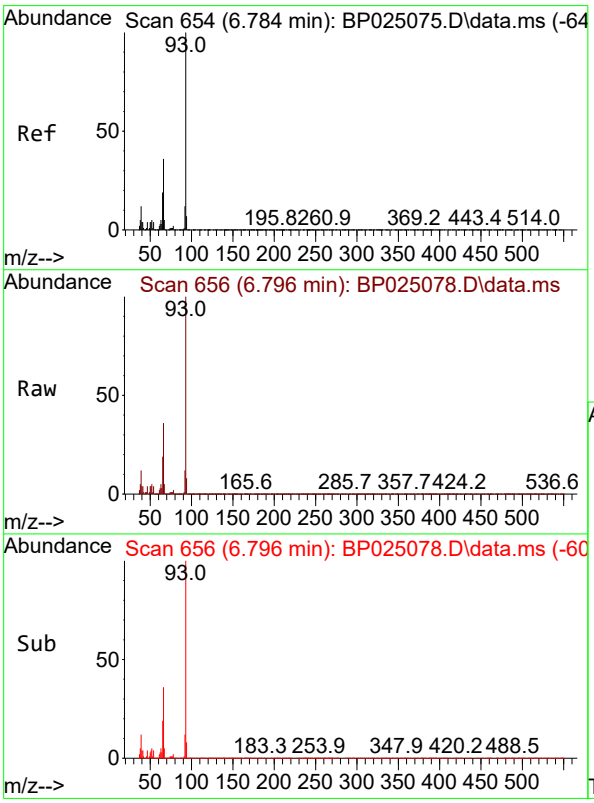
#5
2-Fluorophenol
Concen: 159.689 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

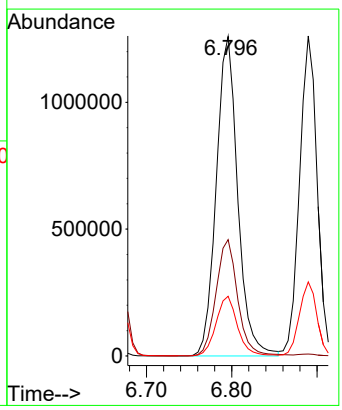


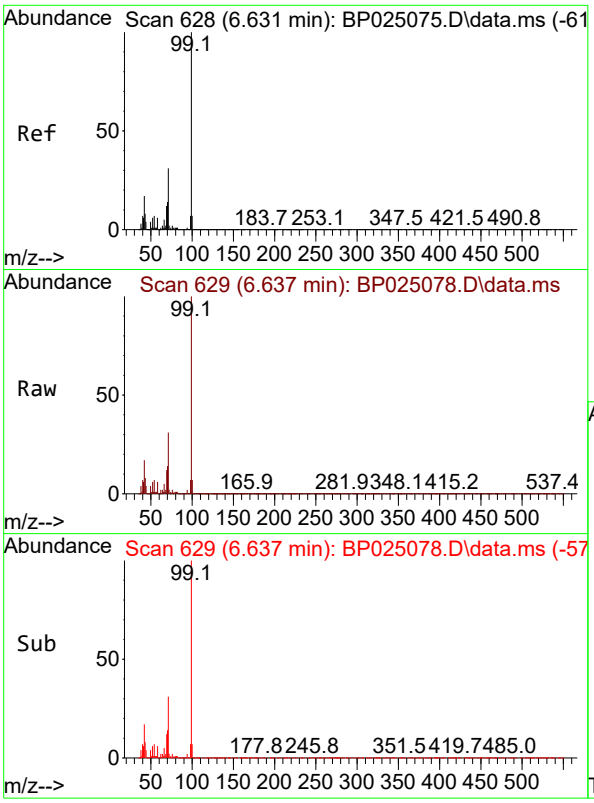


#6
Aniline
Concen: 79.022 ng
RT: 6.796 min Scan# 656
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



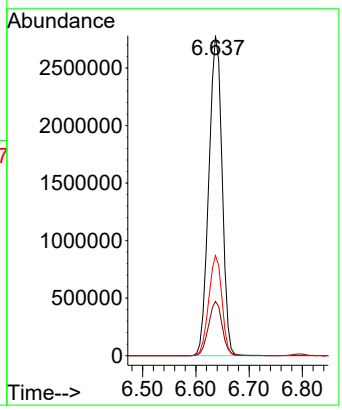


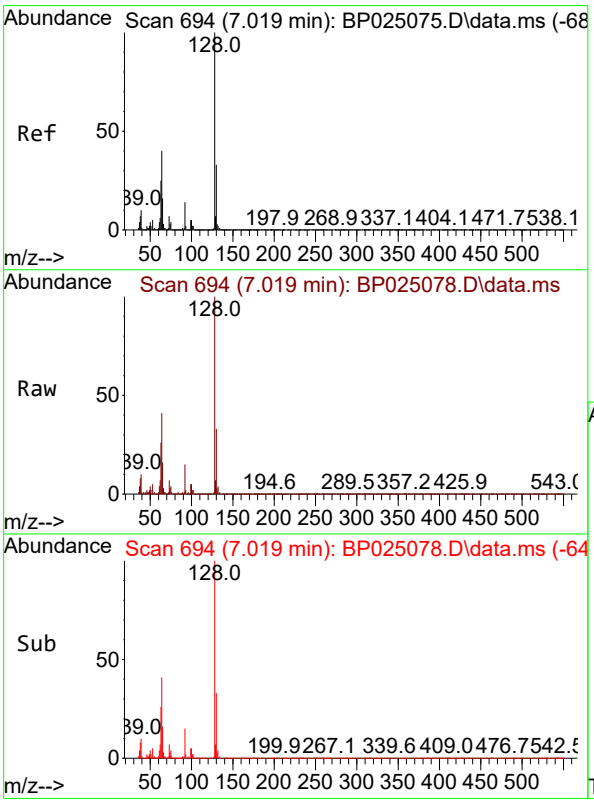
#7
Phenol-d6
Concen: 160.956 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

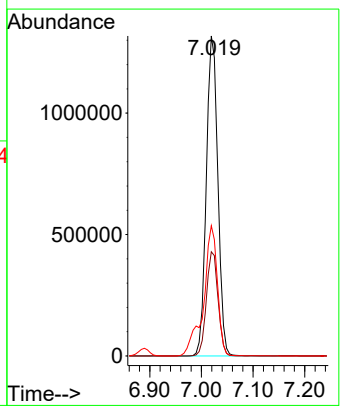


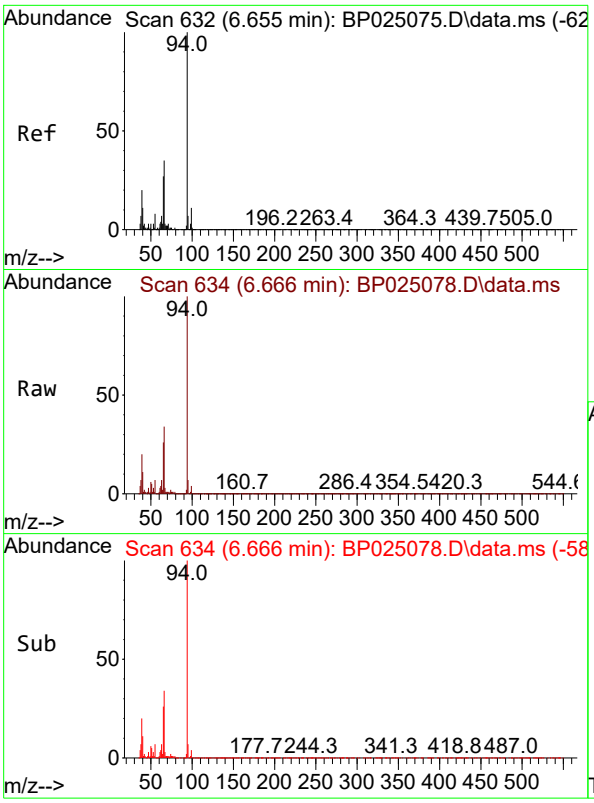


#8
2-Chlorophenol
Concen: 79.765 ng
RT: 7.019 min Scan# 694
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



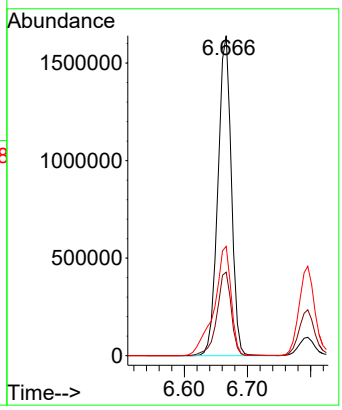


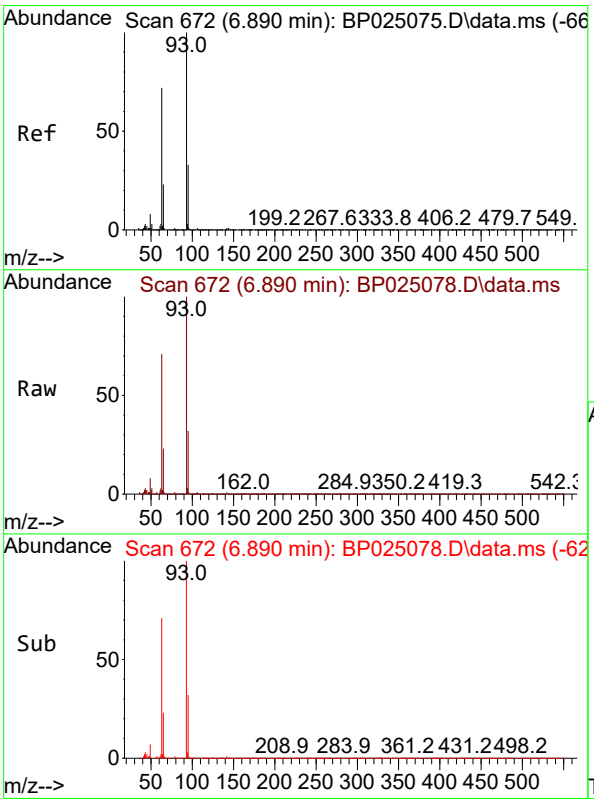
#10
Phenol
Concen: 79.827 ng
RT: 6.666 min Scan# 6
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

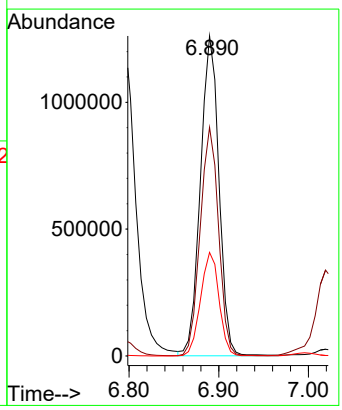


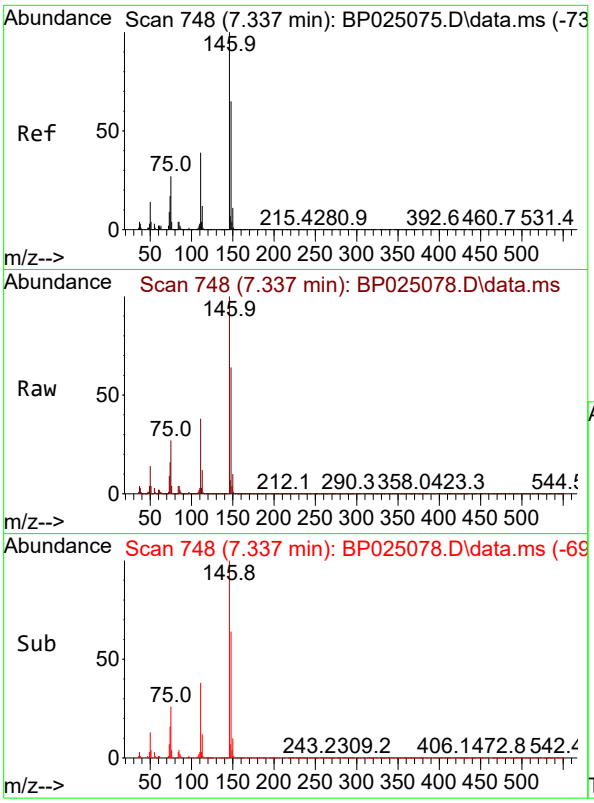


#11
bis(2-Chloroethyl)ether
Concen: 77.435 ng
RT: 6.890 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



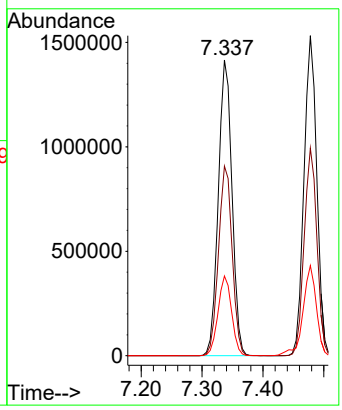


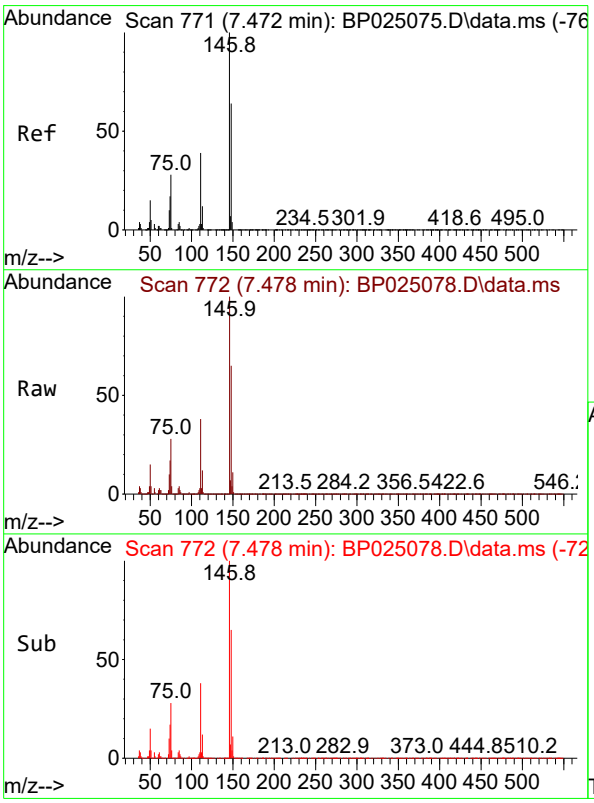
#12
1,3-Dichlorobenzene
Concen: 76.765 ng
RT: 7.337 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

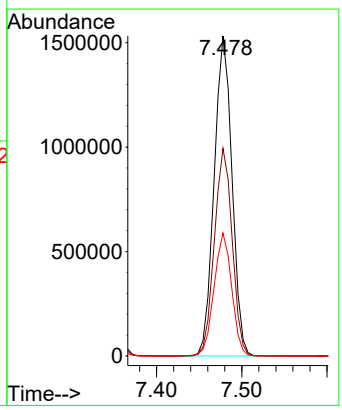


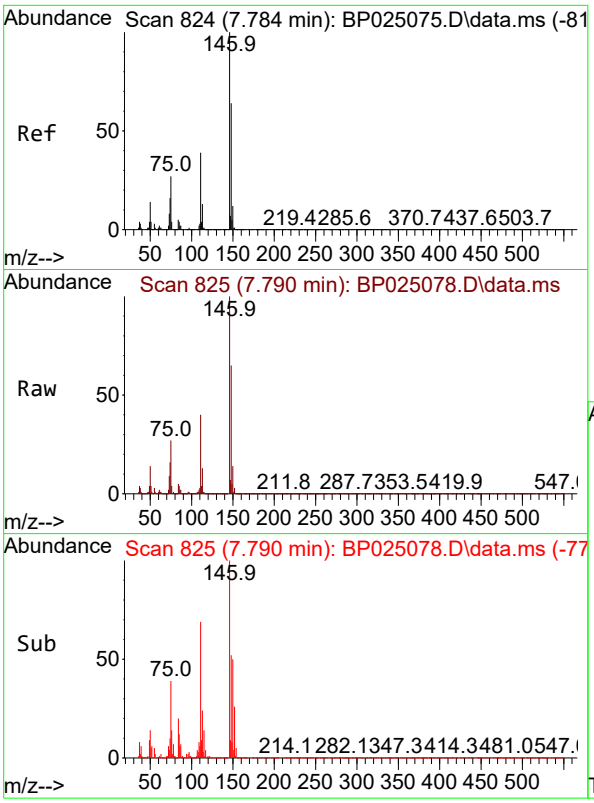


#13
1,4-Dichlorobenzene
Concen: 76.792 ng
RT: 7.478 min Scan# 772
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



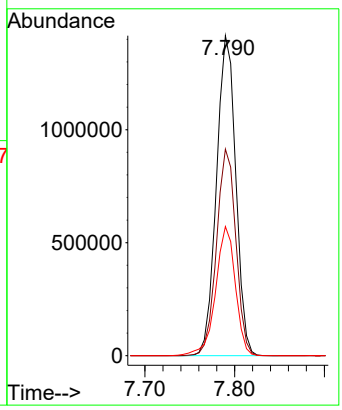


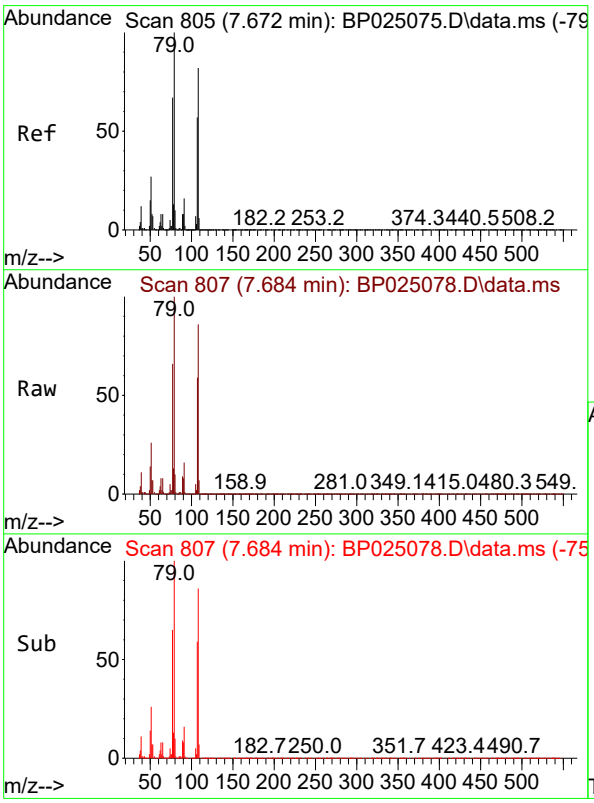
#14
1,2-Dichlorobenzene
Concen: 75.723 ng
RT: 7.790 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

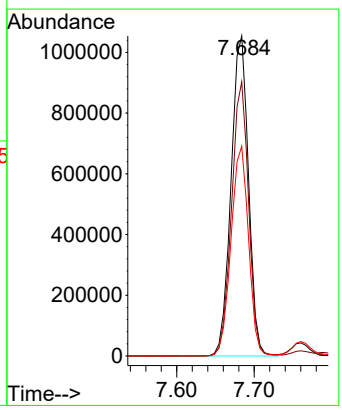


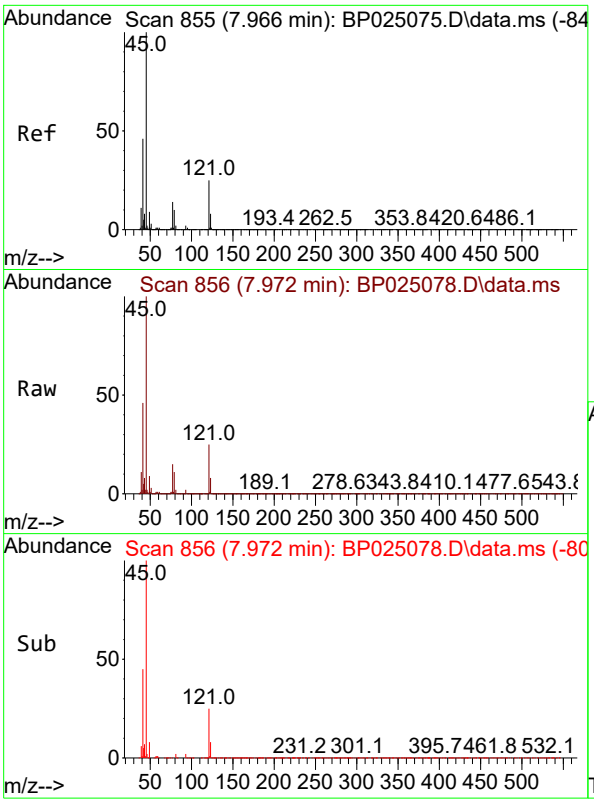


#15
Benzyl Alcohol
Concen: 82.609 ng
RT: 7.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



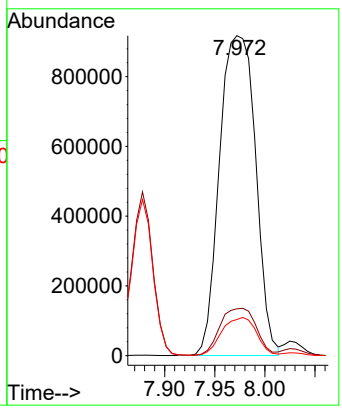


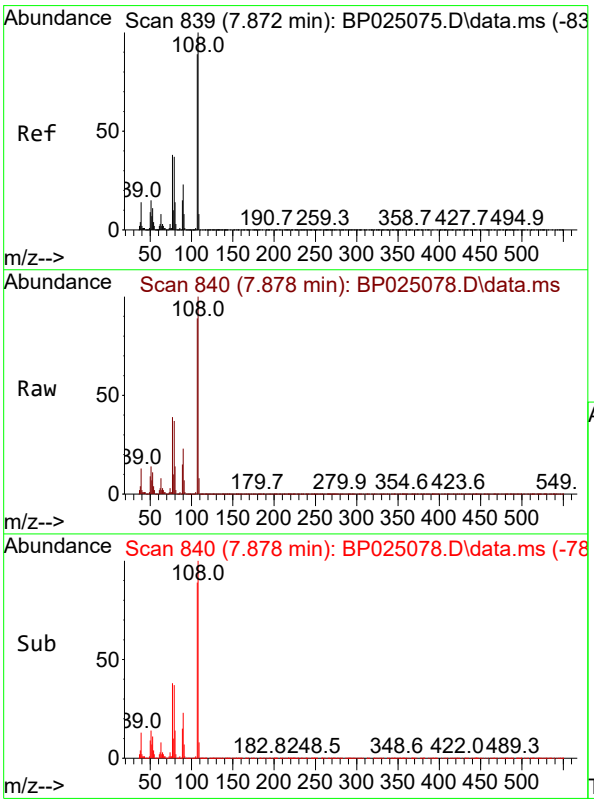
#16
2,2'-oxybis(1-Chloropropane)
Concen: 75.564 ng
RT: 7.972 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

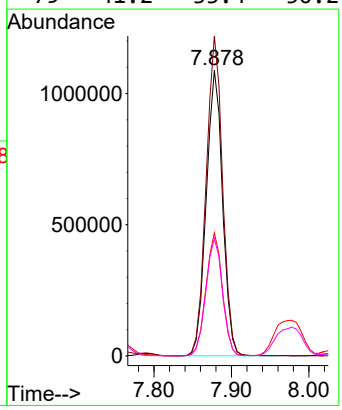


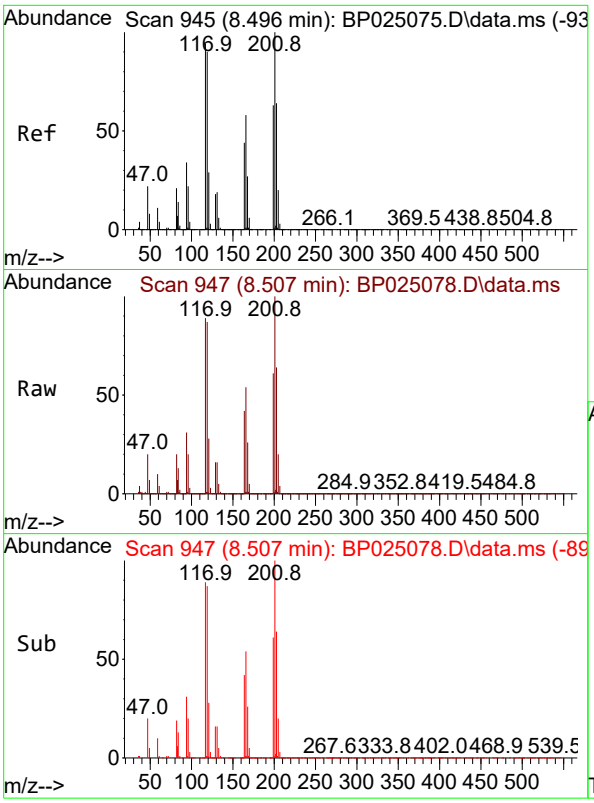


#17
2-Methylphenol
Concen: 81.561 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



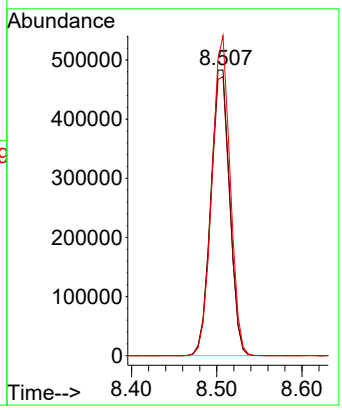


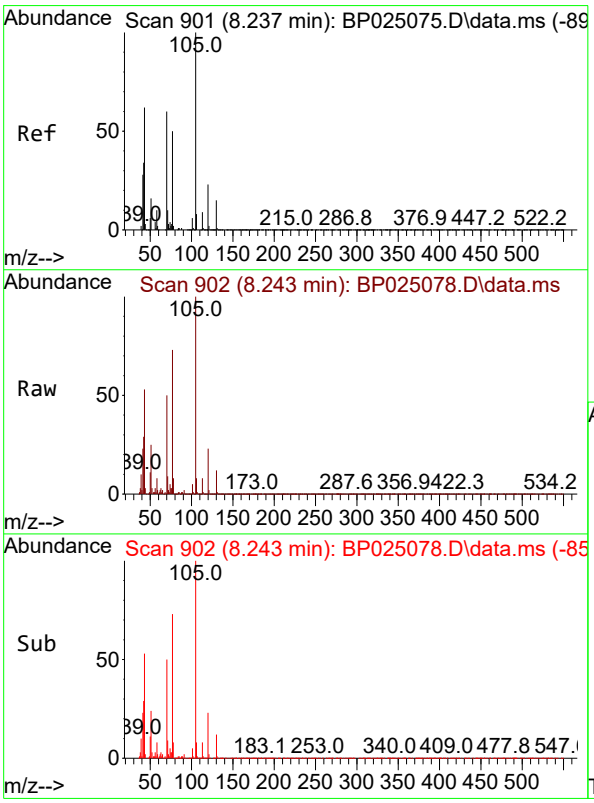
#18
Hexachloroethane
Concen: 79.344 ng
RT: 8.507 min Scan# 94
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

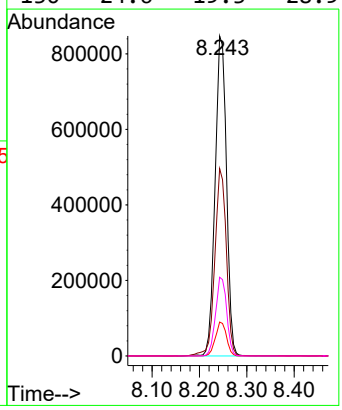


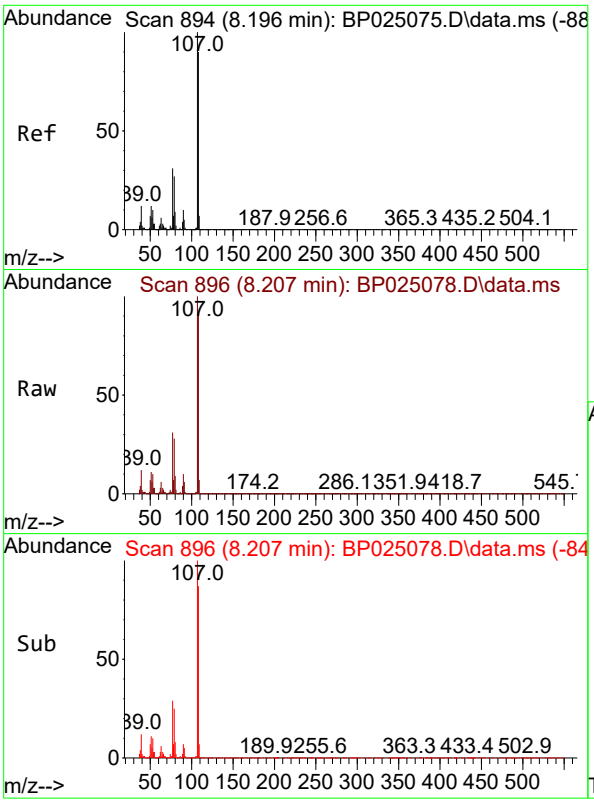


#19
n-Nitroso-di-n-propylamine
Concen: 79.834 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



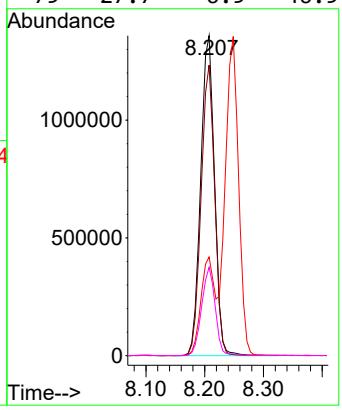


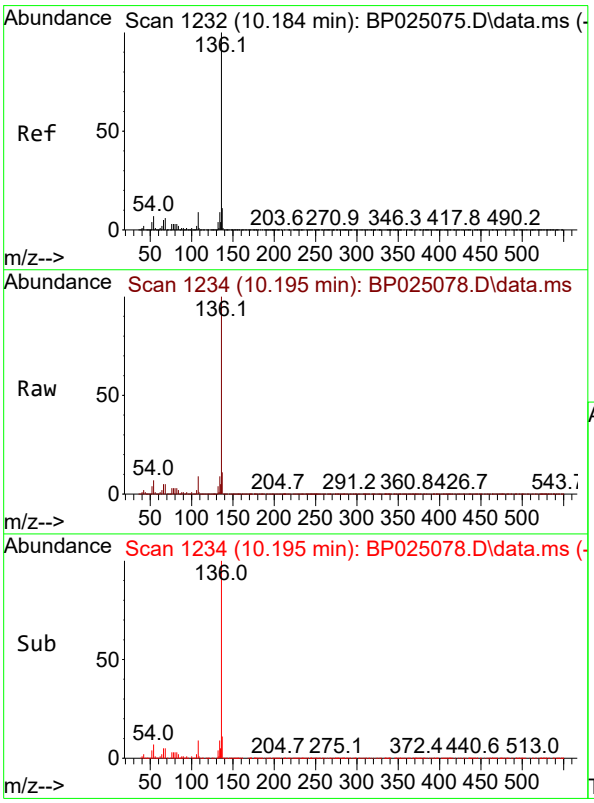
#20
3+4-Methylphenols
Concen: 81.178 ng
RT: 8.207 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

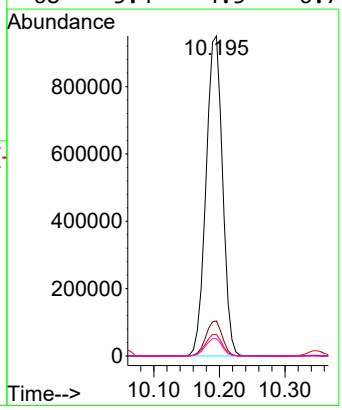


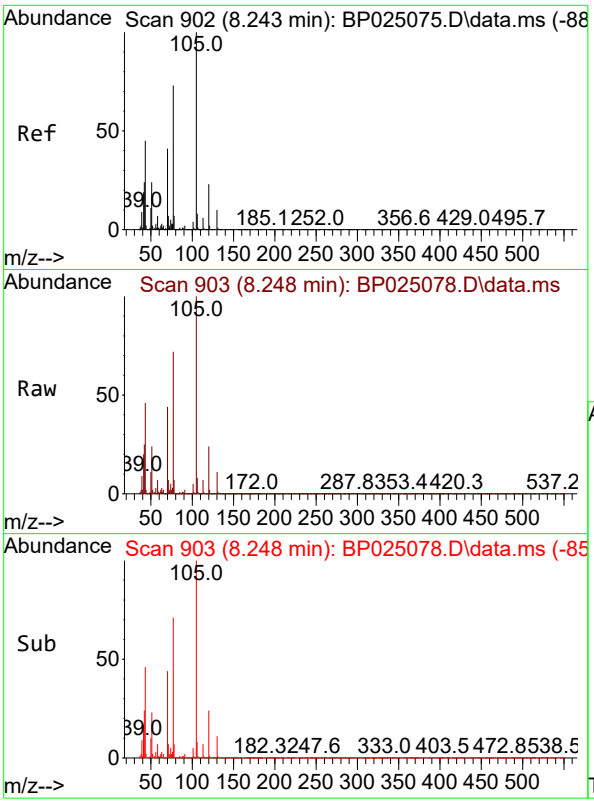


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.195 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



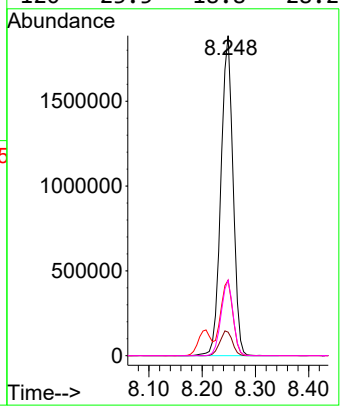


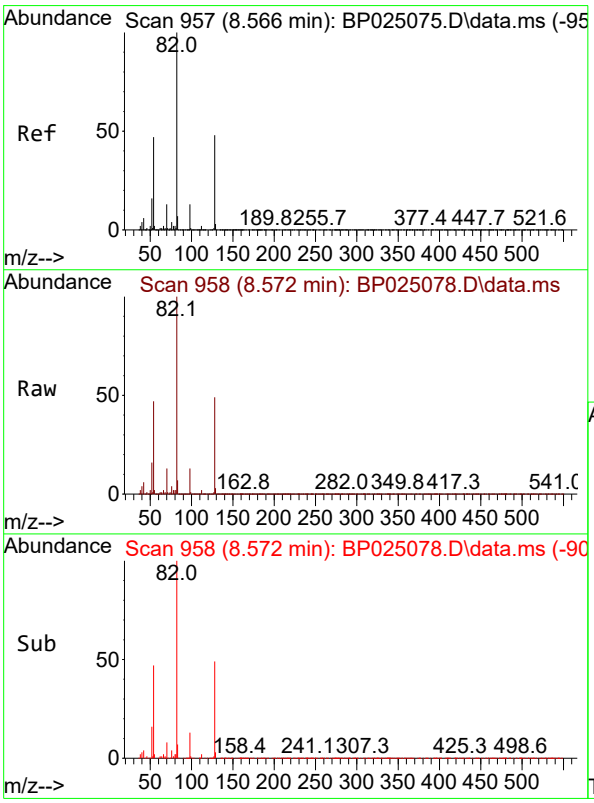
#22
Acetophenone
Concen: 75.663 ng
RT: 8.248 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

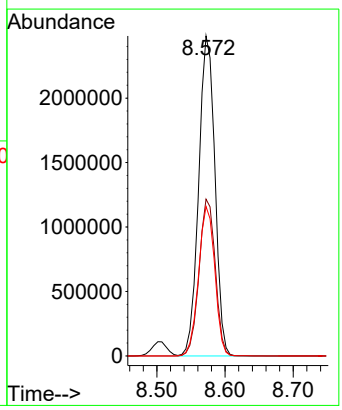


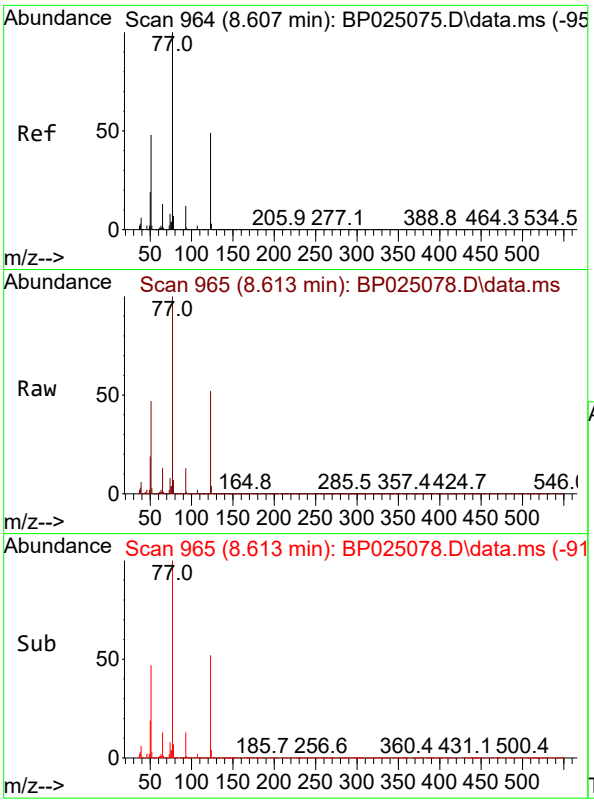


#23
Nitrobenzene-d5
Concen: 164.048 ng
RT: 8.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



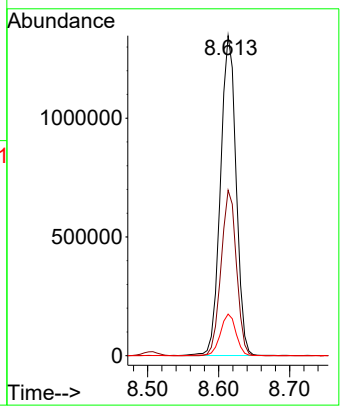


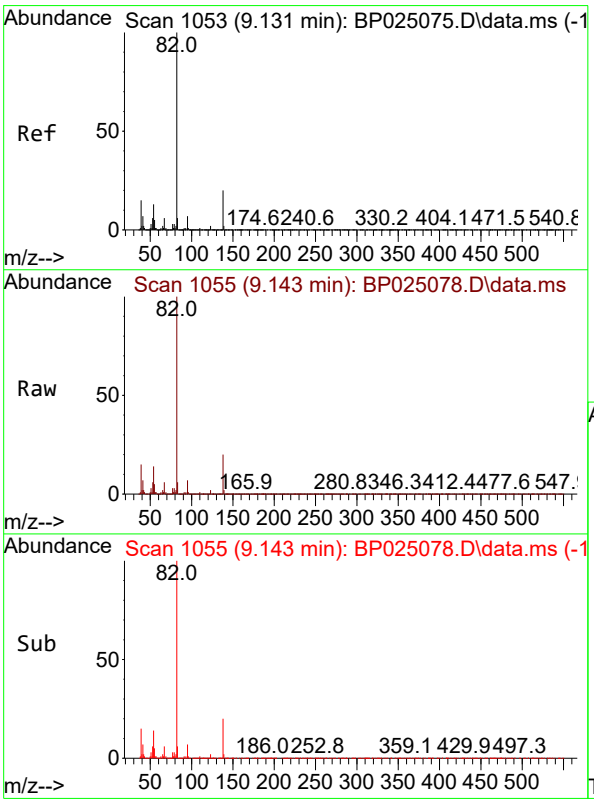
#24
Nitrobenzene
Concen: 80.522 ng
RT: 8.613 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

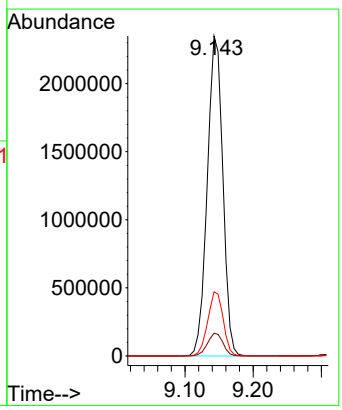


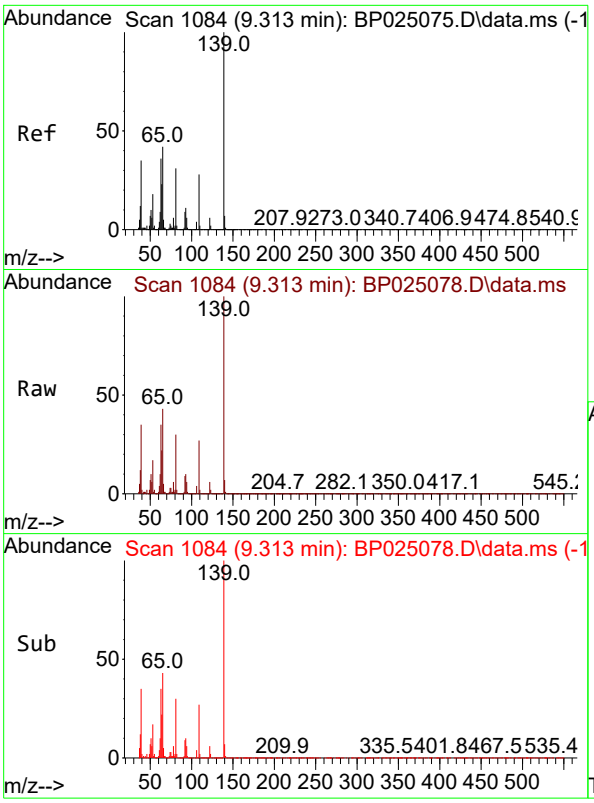


#25
Isophorone
Concen: 79.894 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



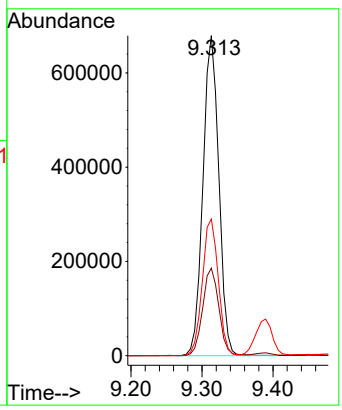


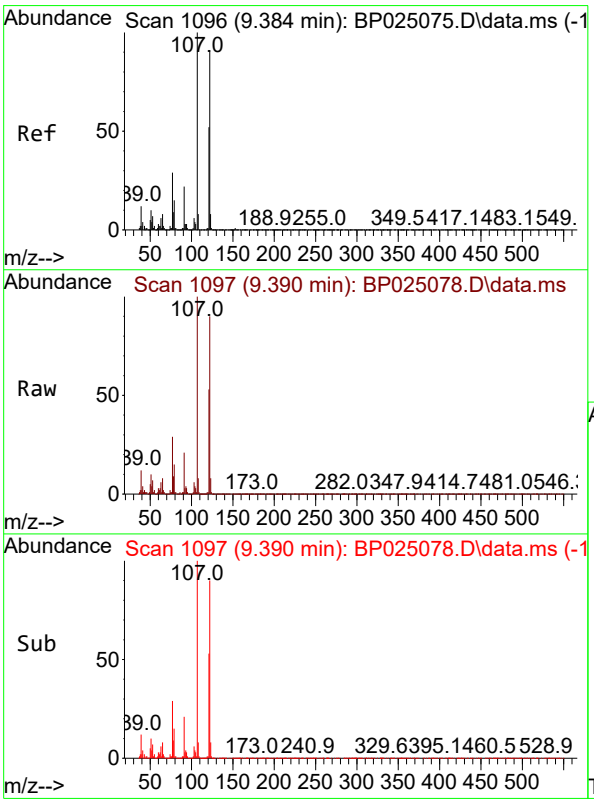
#26
2-Nitrophenol
Concen: 82.791 ng
RT: 9.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

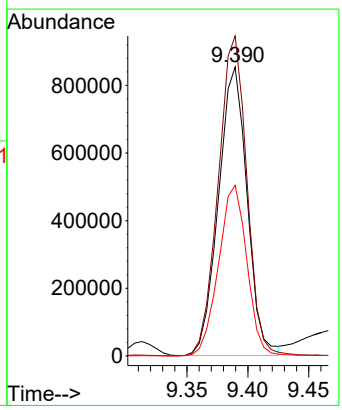


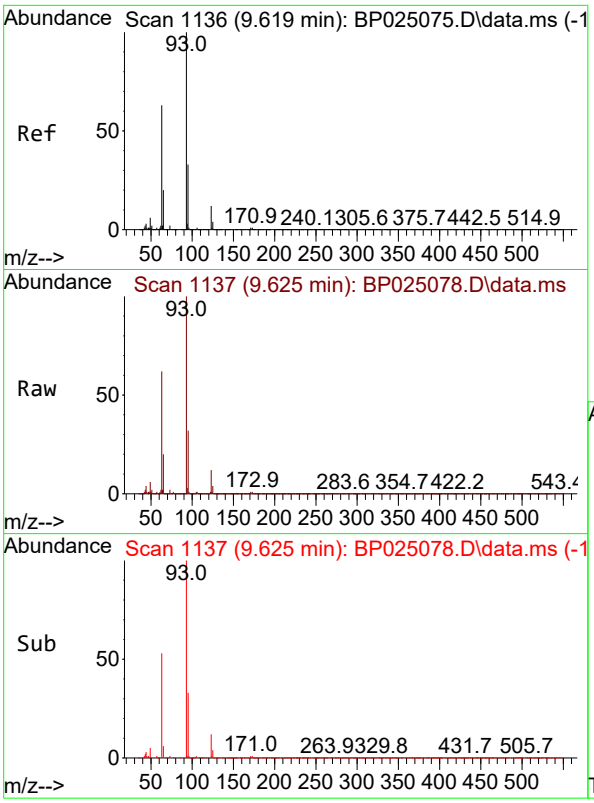


#27
2,4-Dimethylphenol
Concen: 80.180 ng
RT: 9.390 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



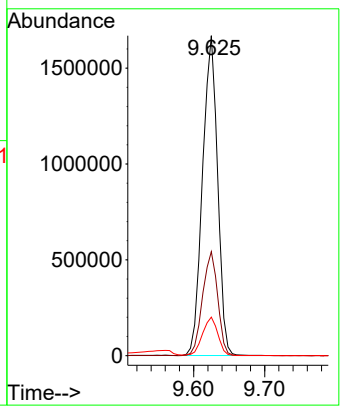


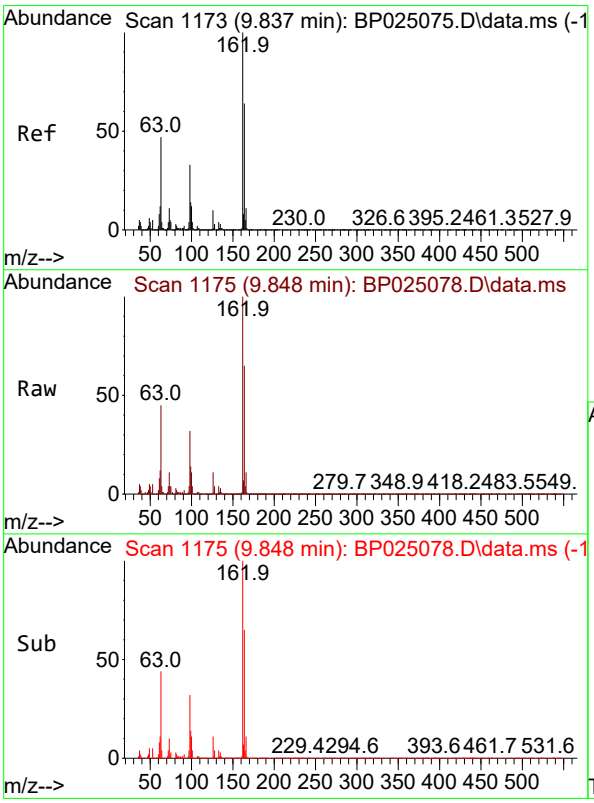
#28
bis(2-Chloroethoxy)methane
Concen: 77.809 ng
RT: 9.625 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

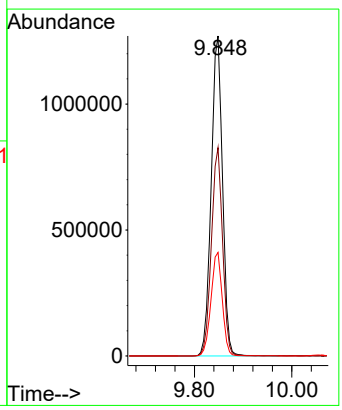


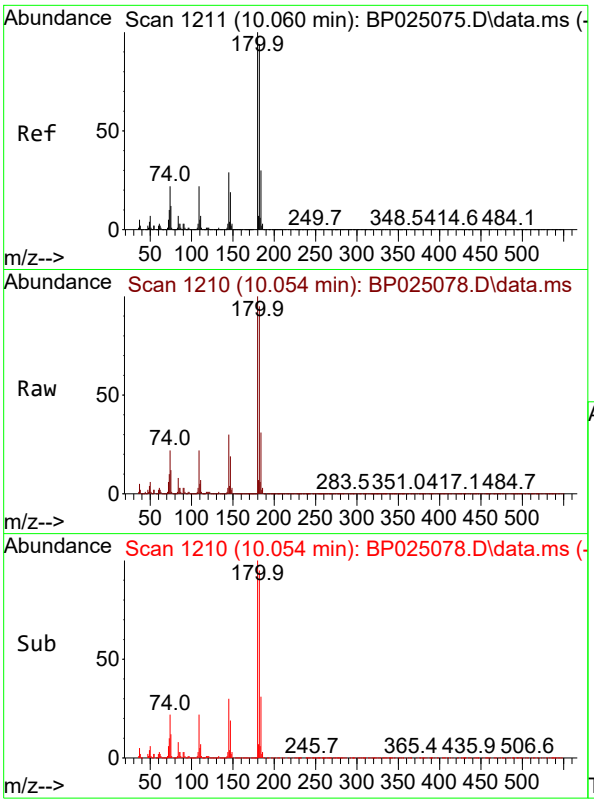


#29
2,4-Dichlorophenol
Concen: 84.268 ng
RT: 9.848 min Scan# 1175
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



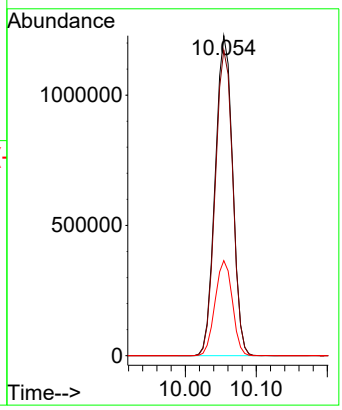


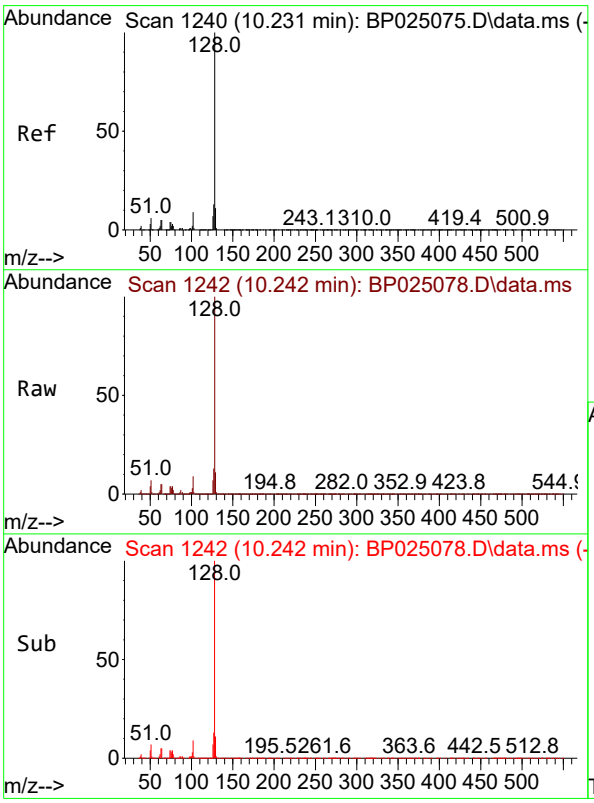
#30
1,2,4-Trichlorobenzene
Concen: 77.912 ng
RT: 10.054 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

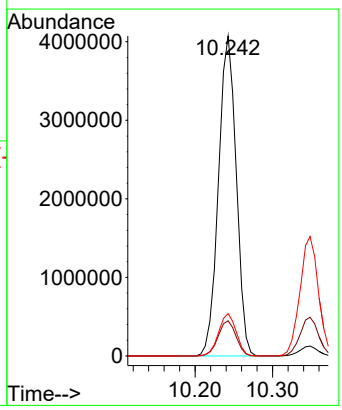


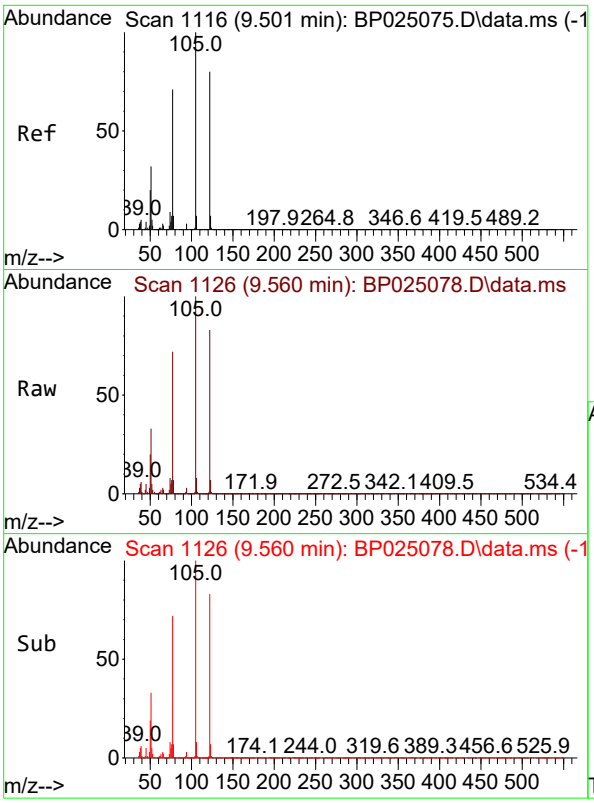


#31
Naphthalene
Concen: 75.773 ng
RT: 10.242 min Scan# 1242
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



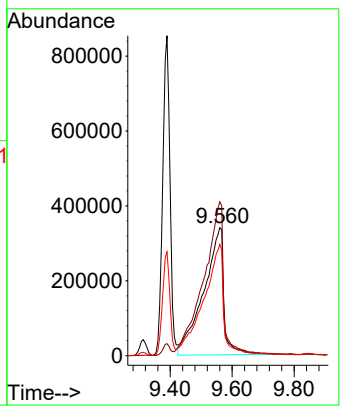


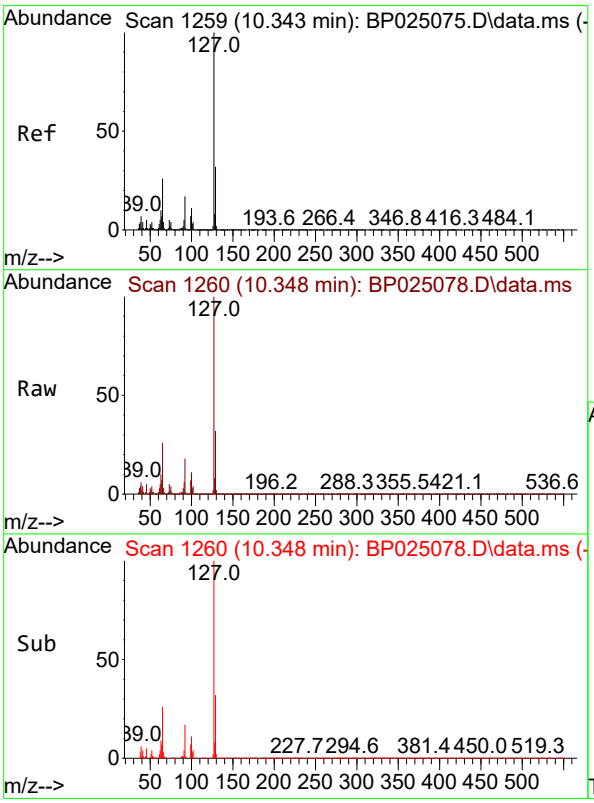
#32
Benzoic acid
Concen: 87.682 ng
RT: 9.560 min Scan# 11
Delta R.T. 0.059 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

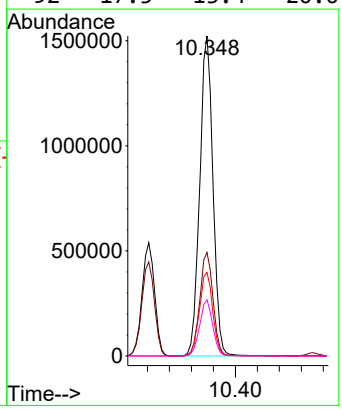


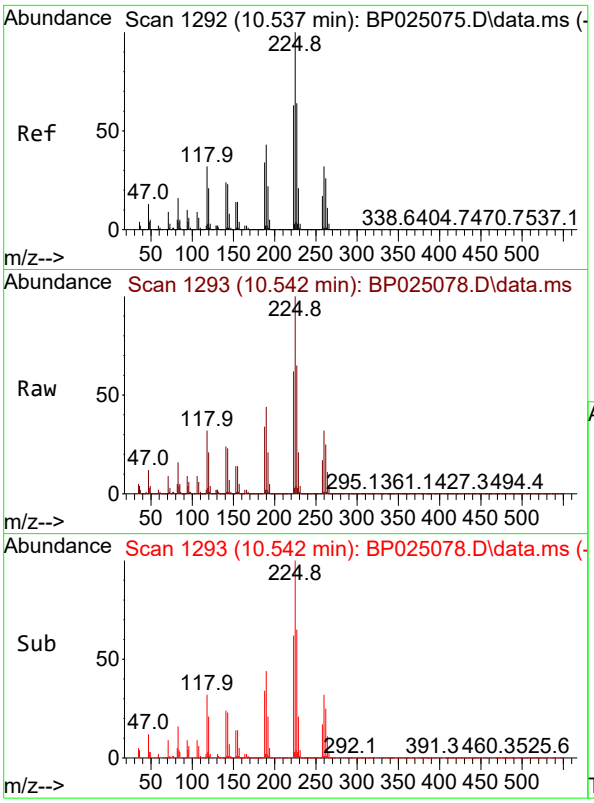


#33
4-Chloroaniline
Concen: 79.326 ng
RT: 10.348 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



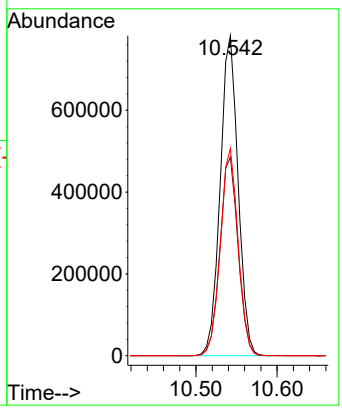


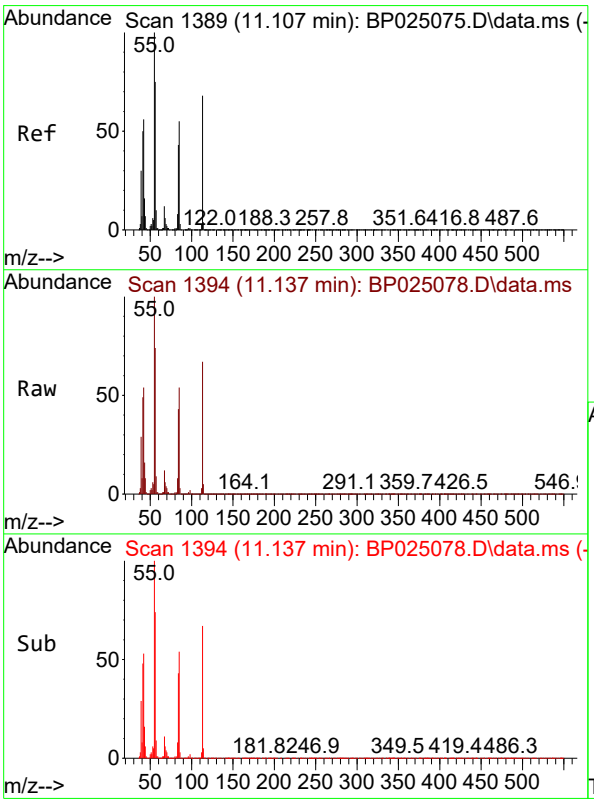
#34
Hexachlorobutadiene
Concen: 78.059 ng
RT: 10.542 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

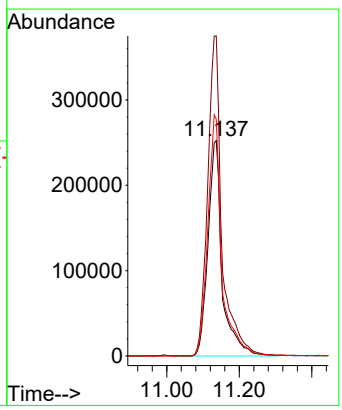


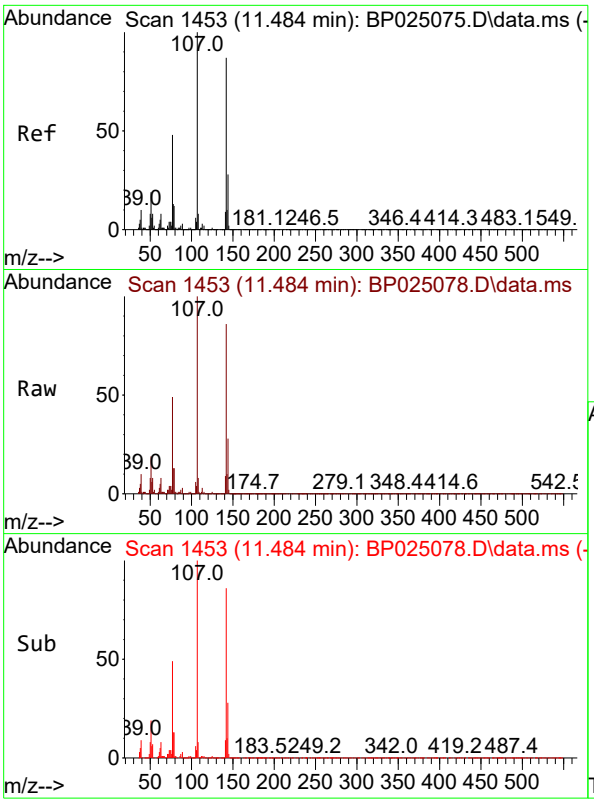


#35
Caprolactam
Concen: 82.158 ng
RT: 11.137 min Scan# 1394
Delta R.T. 0.029 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



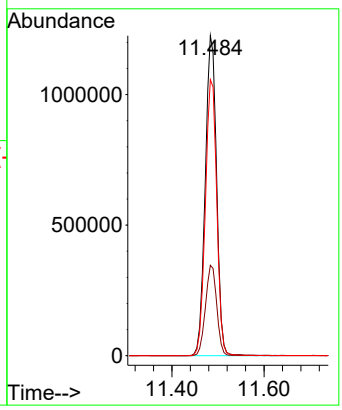


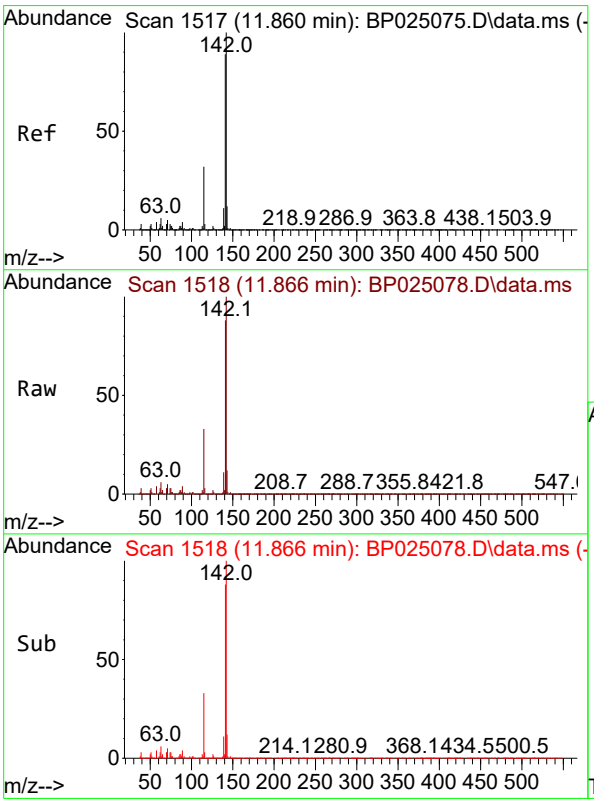
#36
4-Chloro-3-methylphenol
Concen: 83.296 ng
RT: 11.484 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

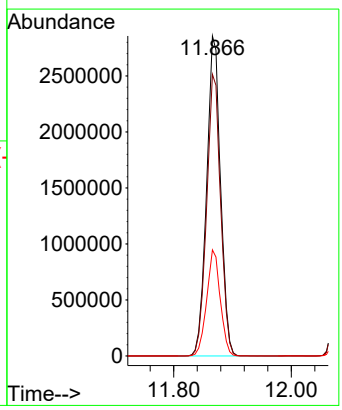


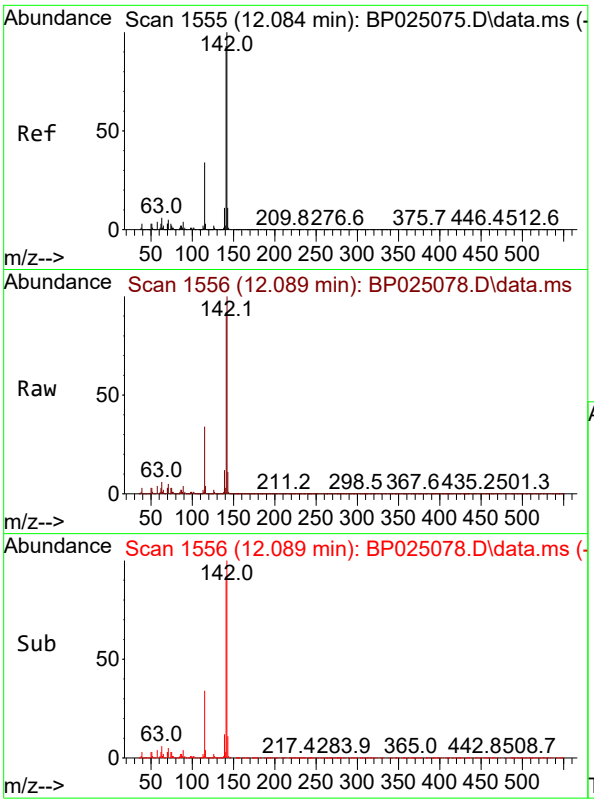


#37
2-Methylnaphthalene
Concen: 77.683 ng
RT: 11.866 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



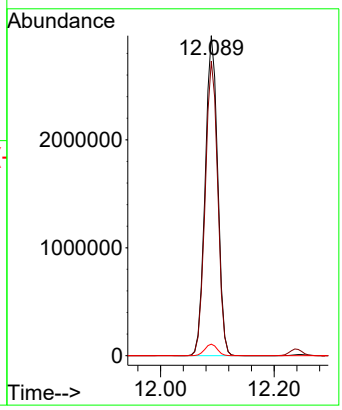


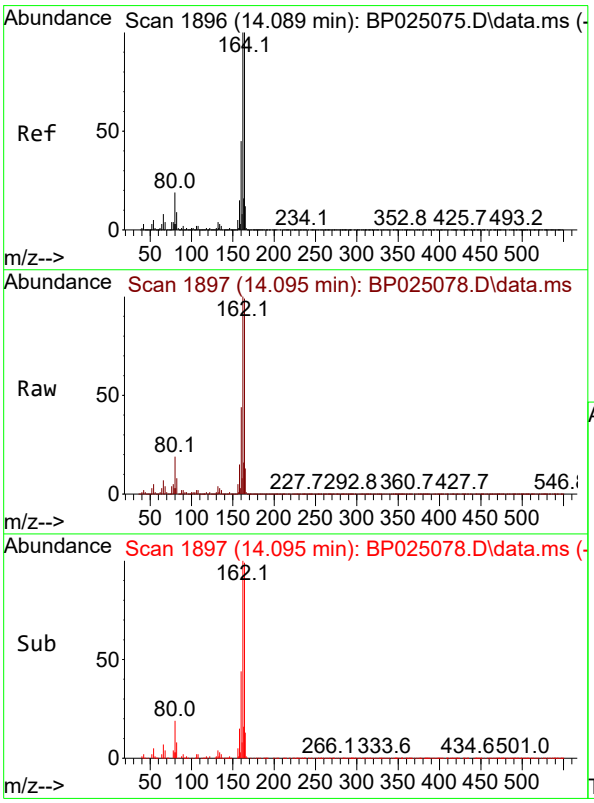
#38
1-Methylnaphthalene
Concen: 76.564 ng
RT: 12.089 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

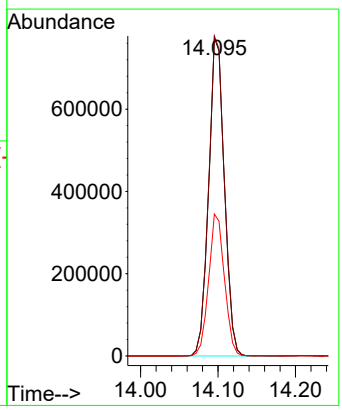


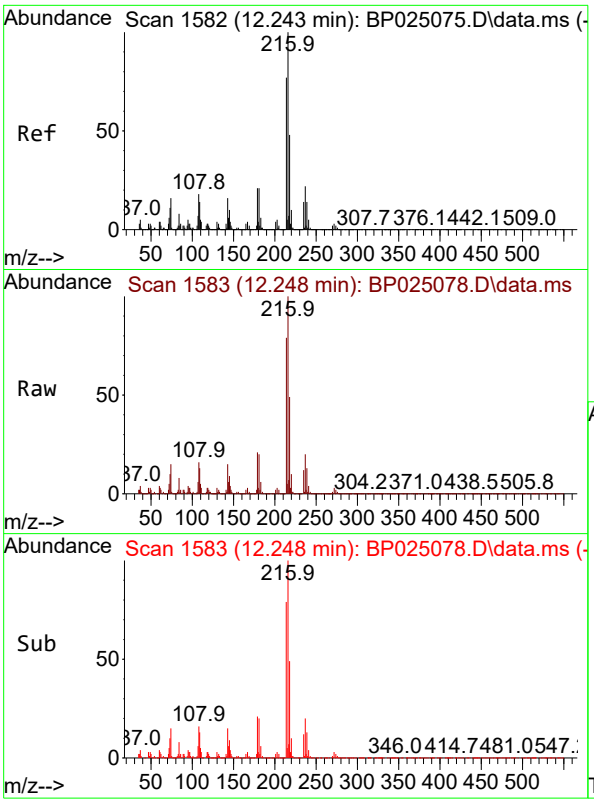


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1897
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



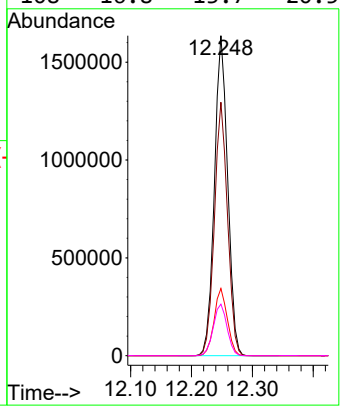


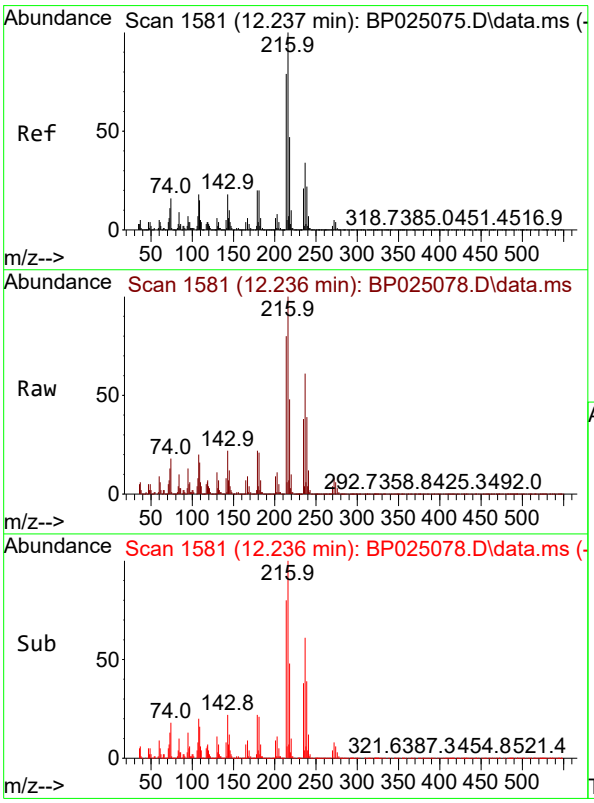
#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.996 ng
RT: 12.248 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

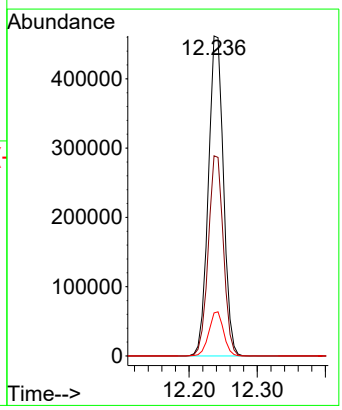


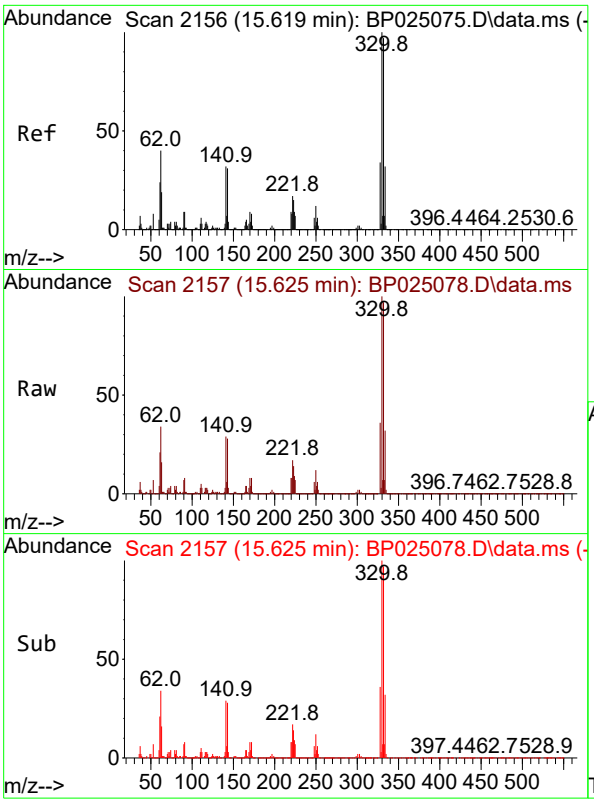


#41
Hexachlorocyclopentadiene
Concen: 87.336 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



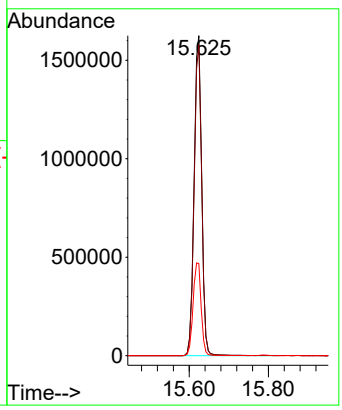


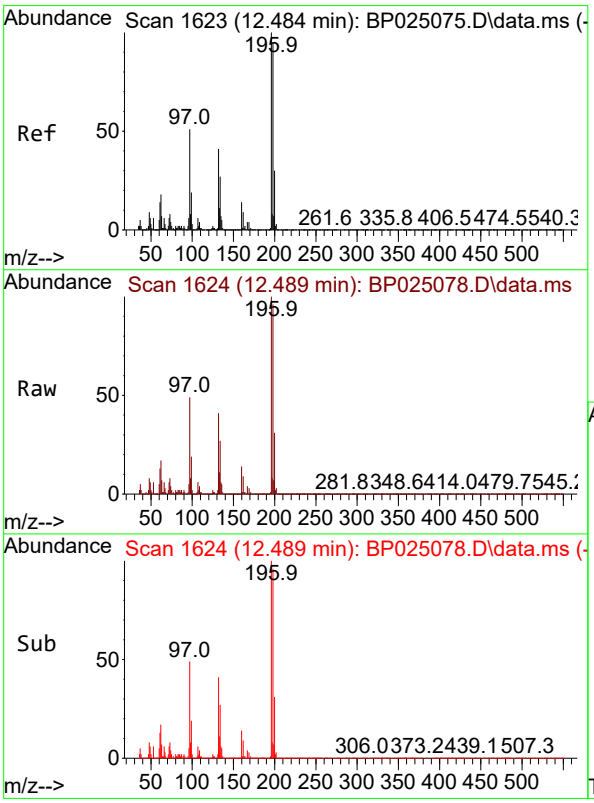
#42
2,4,6-Tribromophenol
Concen: 168.702 ng
RT: 15.625 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

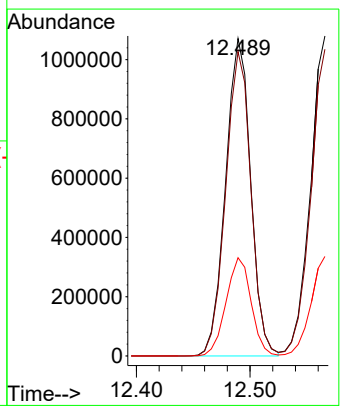


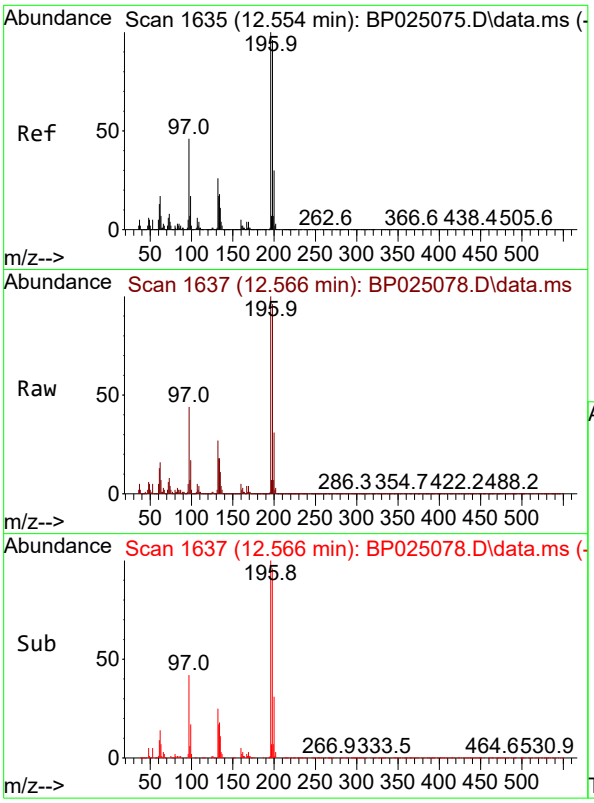


#43
2,4,6-Trichlorophenol
Concen: 87.227 ng
RT: 12.489 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



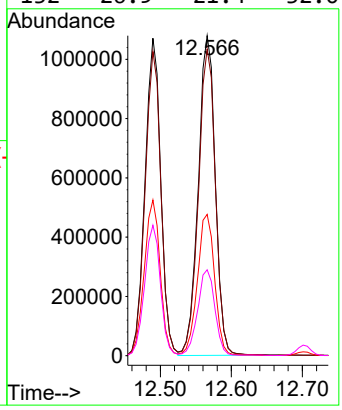


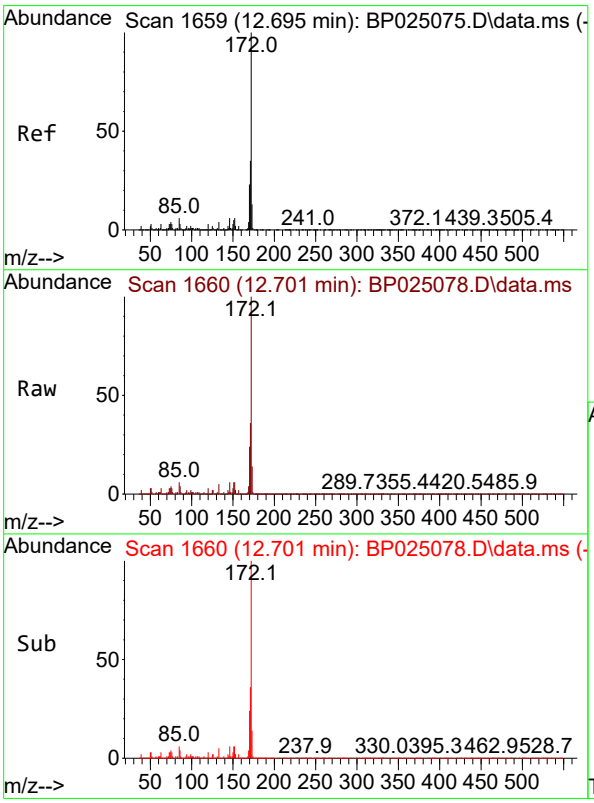
#44
2,4,5-Trichlorophenol
Concen: 84.432 ng
RT: 12.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

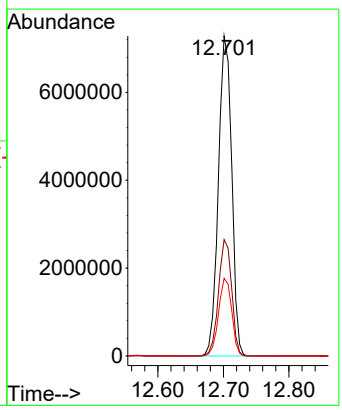


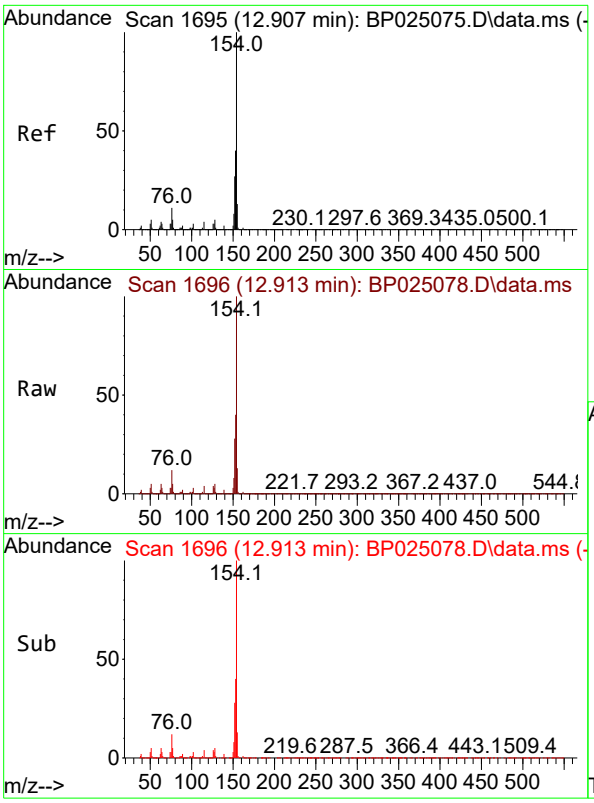


#45
2-Fluorobiphenyl
Concen: 145.859 ng
RT: 12.701 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



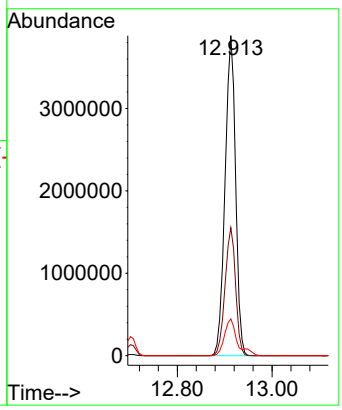


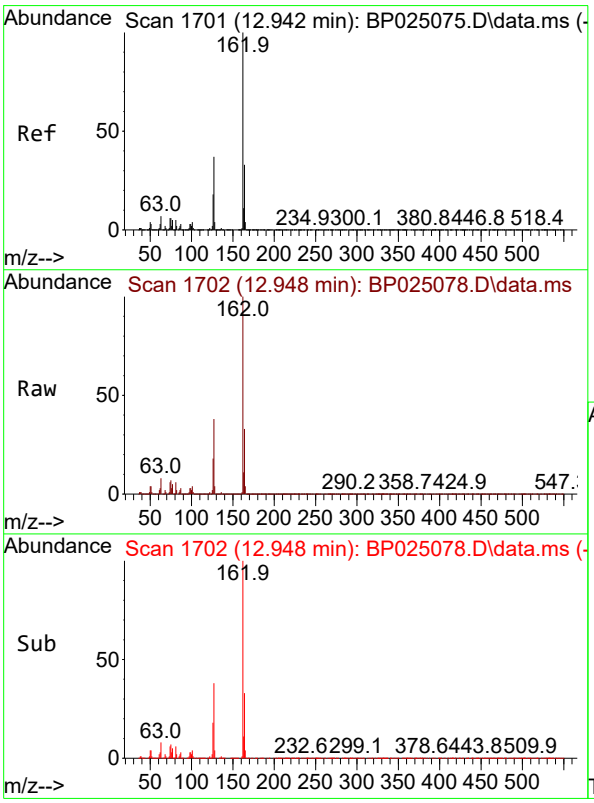
#46
1,1'-Biphenyl
Concen: 75.863 ng
RT: 12.913 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

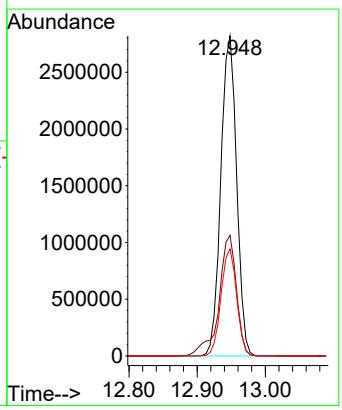


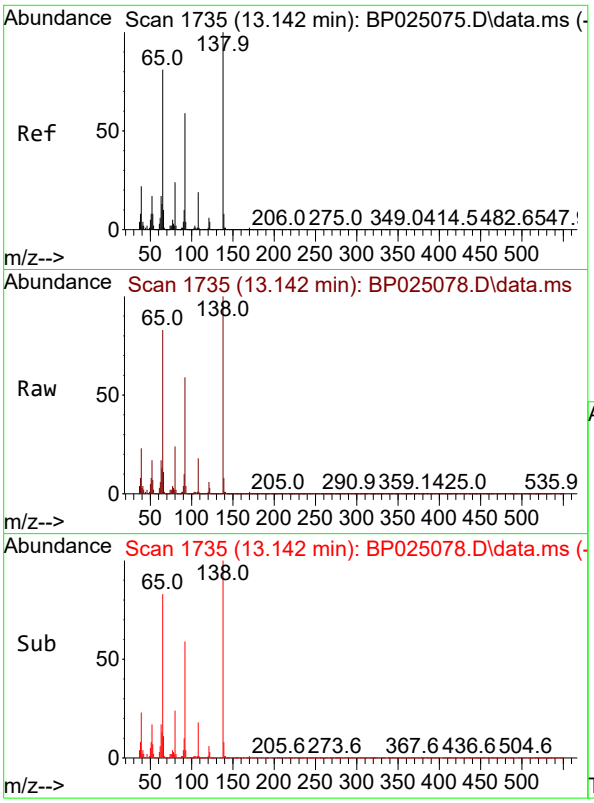


#47
2-Chloronaphthalene
Concen: 76.620 ng
RT: 12.948 min Scan# 1702
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



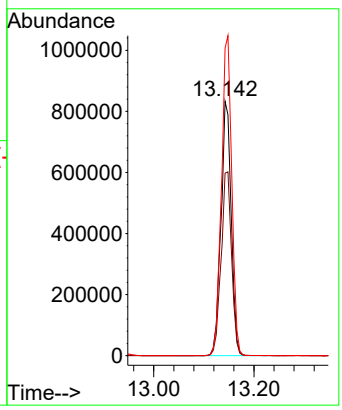


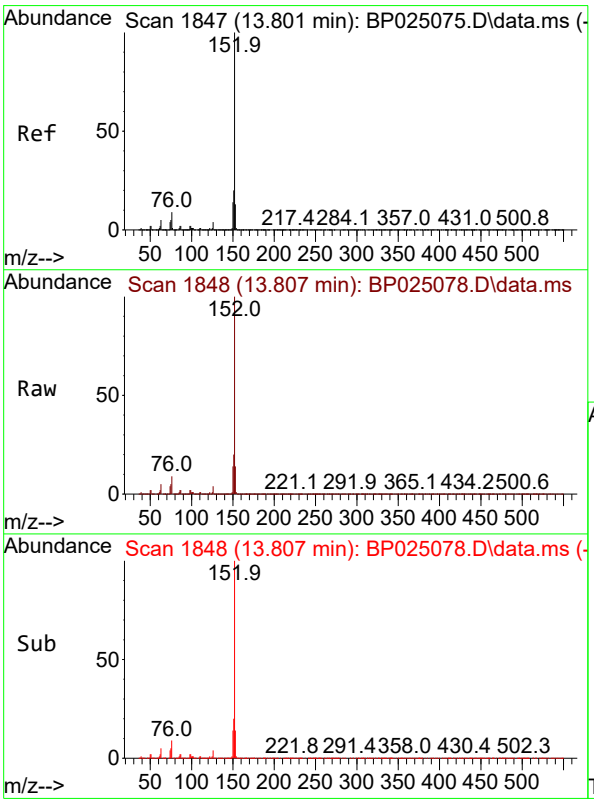
#48
2-Nitroaniline
Concen: 79.706 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

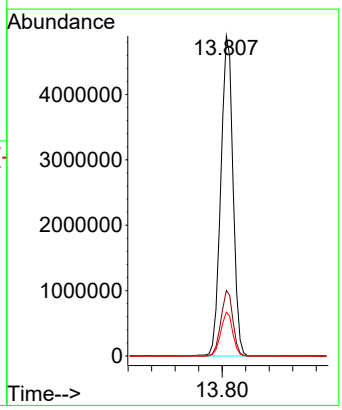


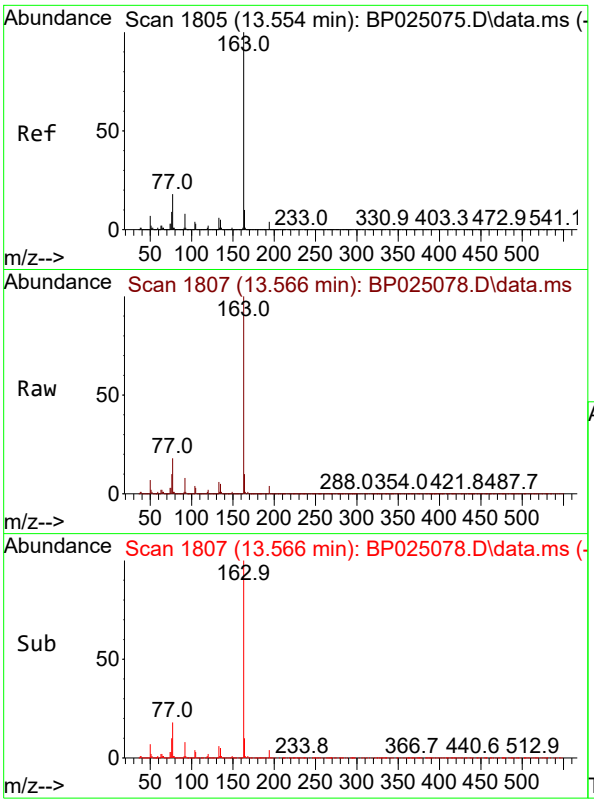


#49
Acenaphthylene
Concen: 77.402 ng
RT: 13.807 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



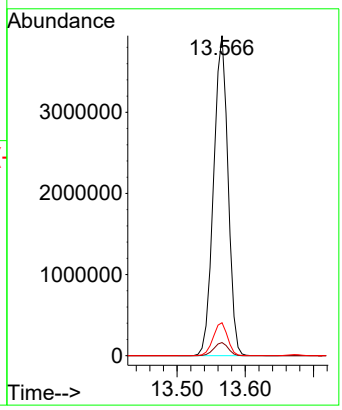


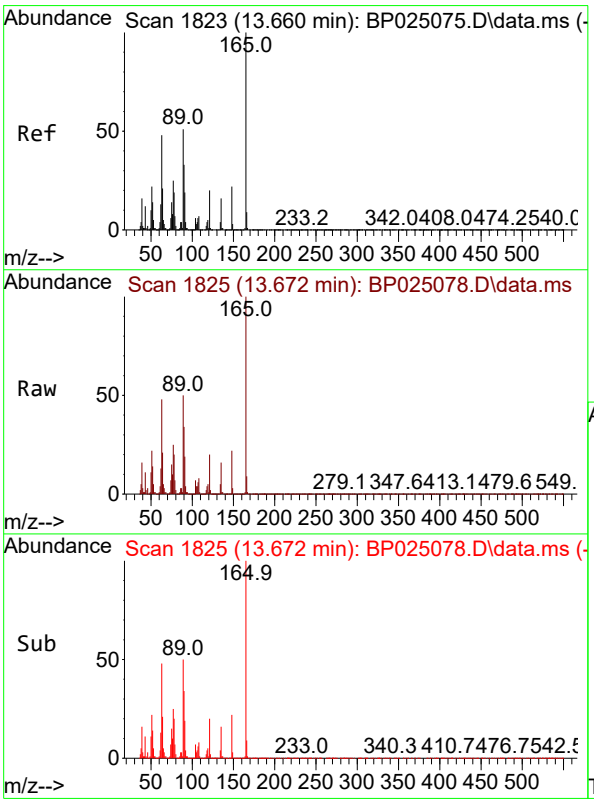
#50
Dimethylphthalate
Concen: 76.378 ng
RT: 13.566 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

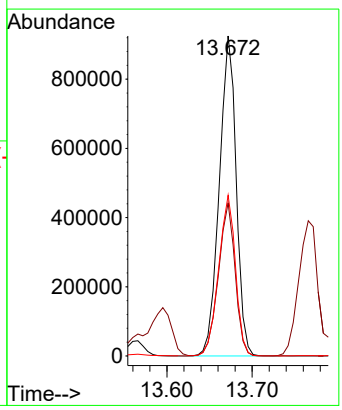


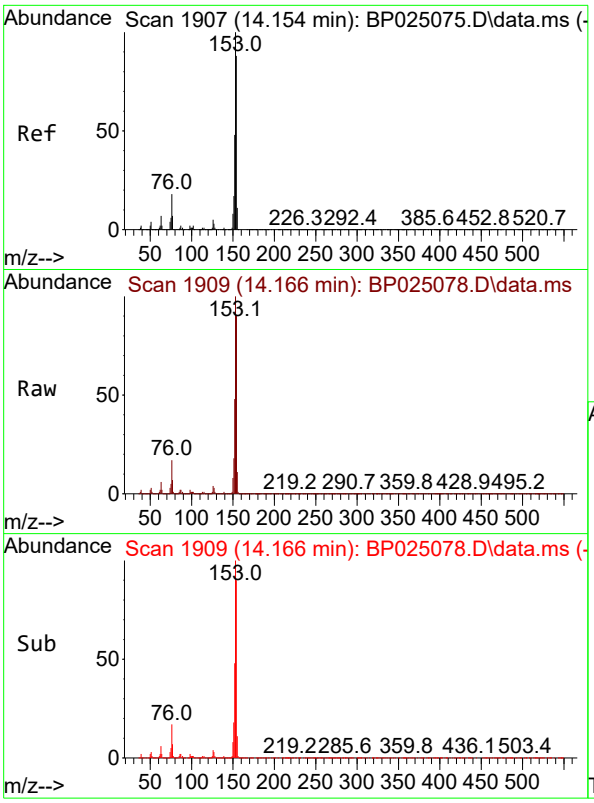


#51
2,6-Dinitrotoluene
Concen: 86.048 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



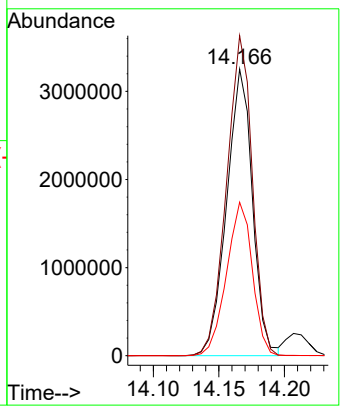


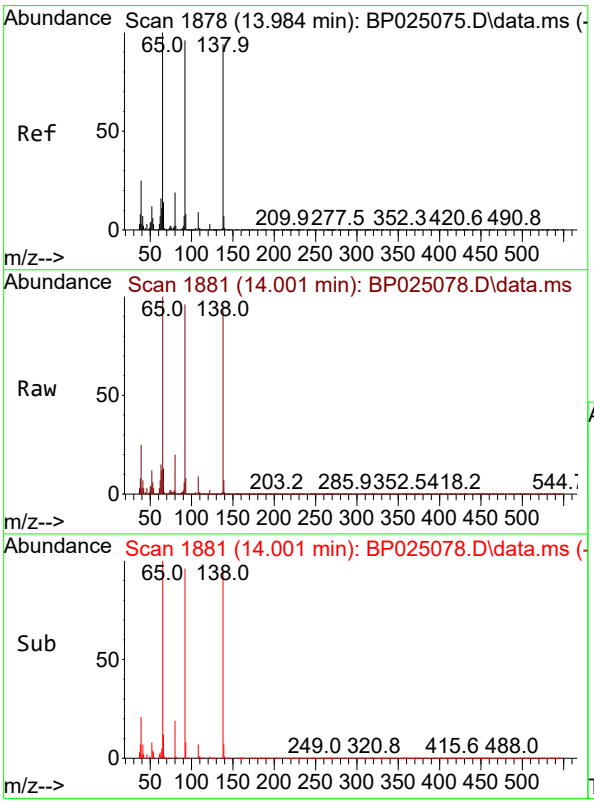
#52
Acenaphthene
Concen: 76.130 ng
RT: 14.166 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

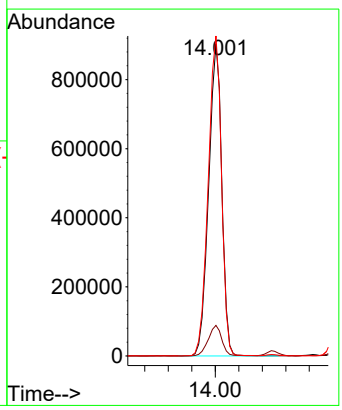


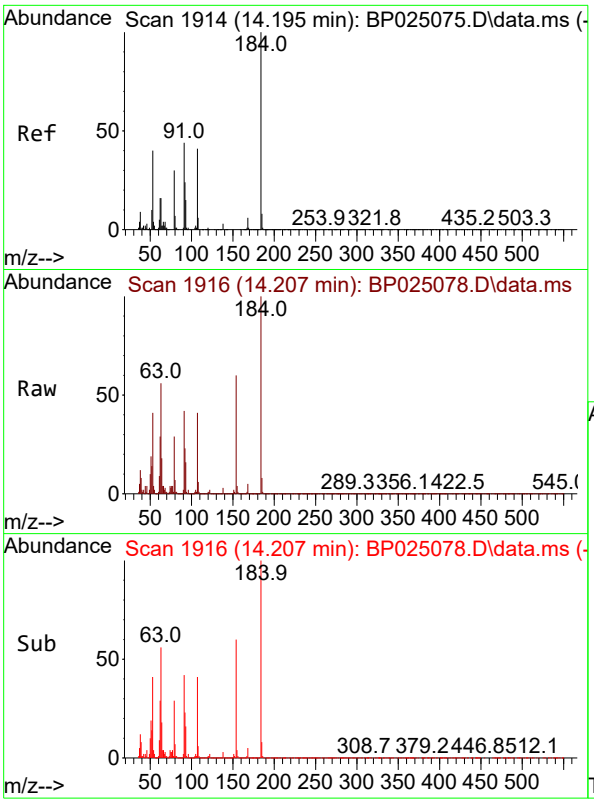


#53
3-Nitroaniline
Concen: 88.191 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



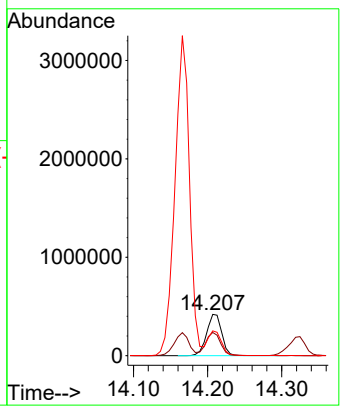


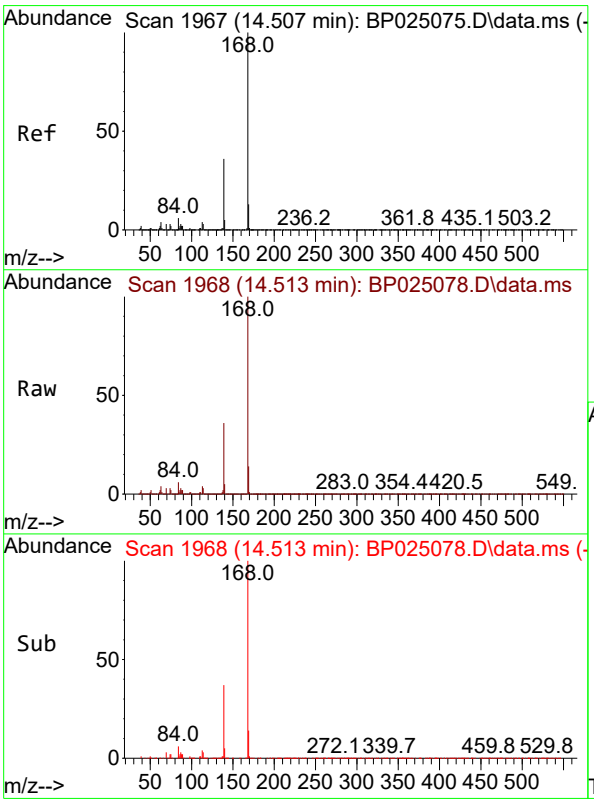
#54
2,4-Dinitrophenol
Concen: 81.781 ng
RT: 14.207 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

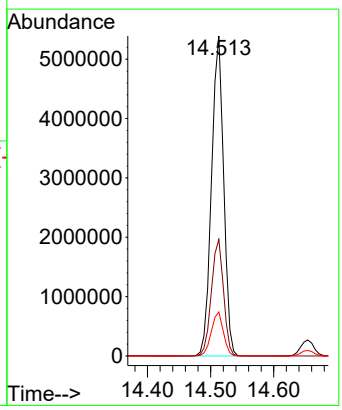


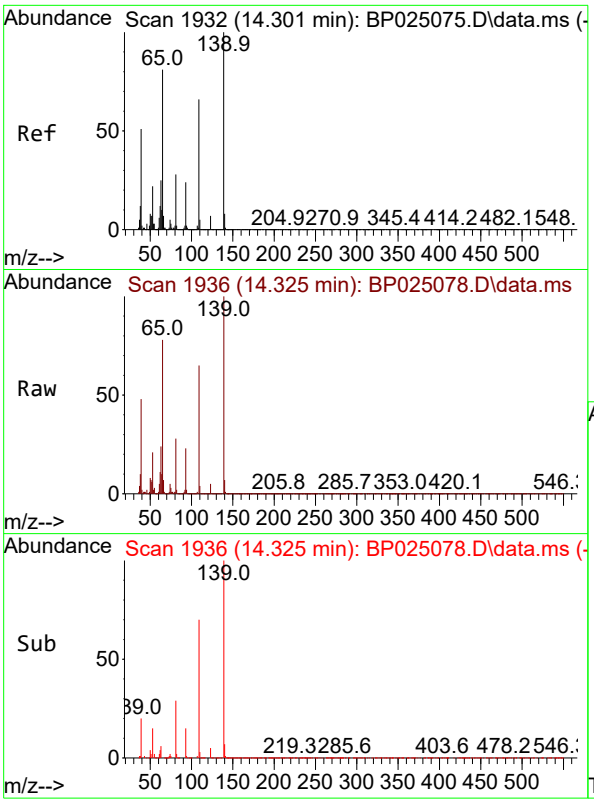


#55
Dibenzofuran
Concen: 74.338 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



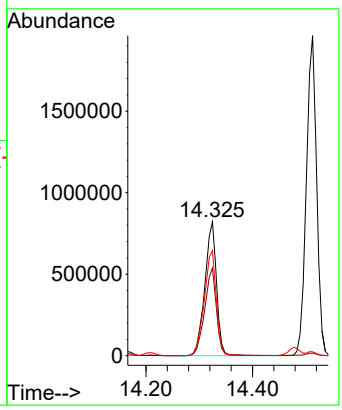


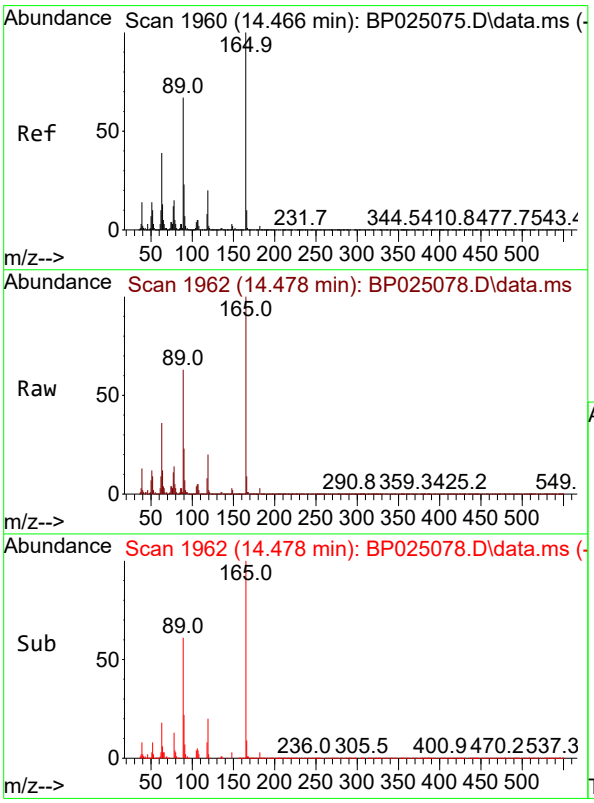
#56
4-Nitrophenol
Concen: 85.486 ng
RT: 14.325 min Scan# 1
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

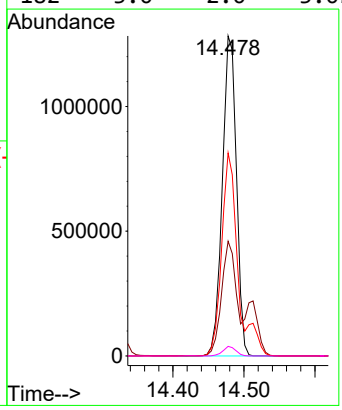


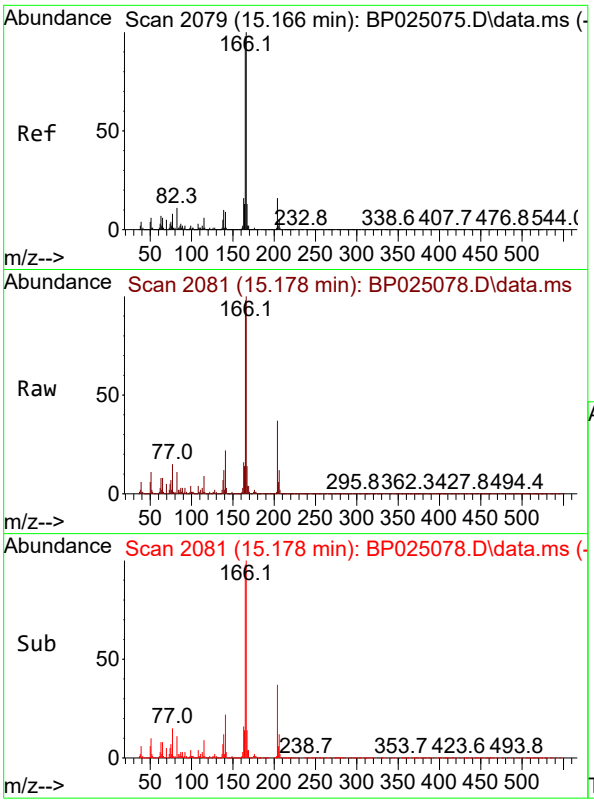


#57
2,4-Dinitrotoluene
Concen: 79.166 ng
RT: 14.478 min Scan# 1962
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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#



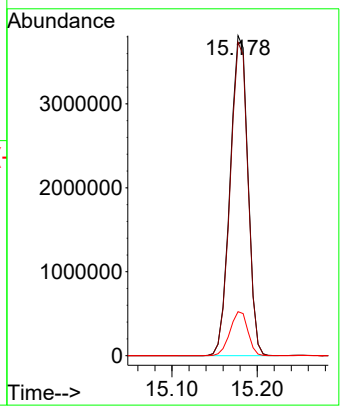


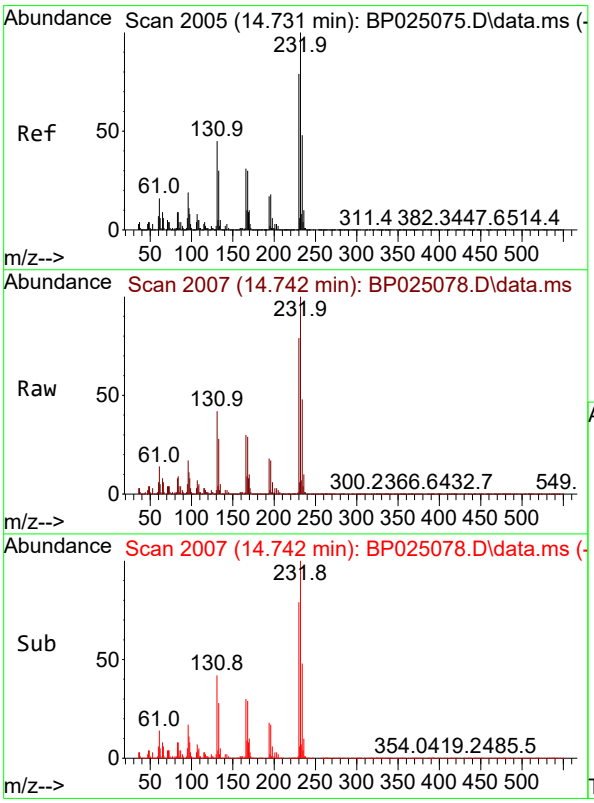
#58
Fluorene
Concen: 74.216 ng
RT: 15.178 min Scan# 2(
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

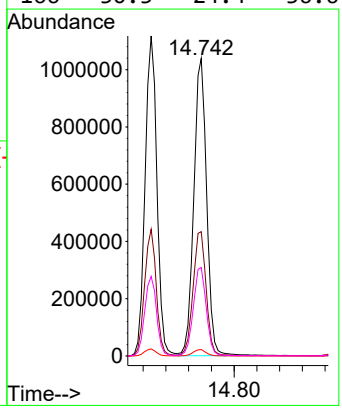


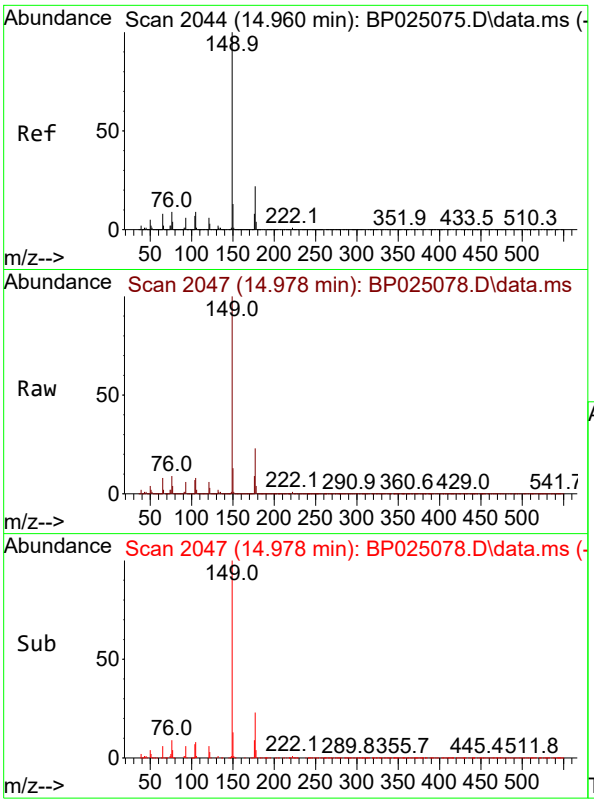


#59
2,3,4,6-Tetrachlorophenol
Concen: 84.370 ng
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



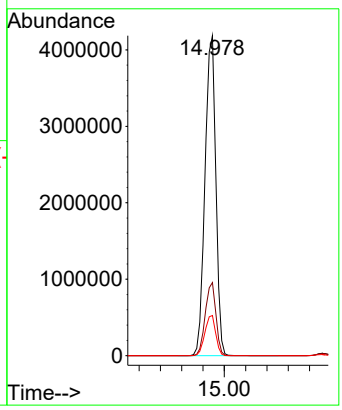


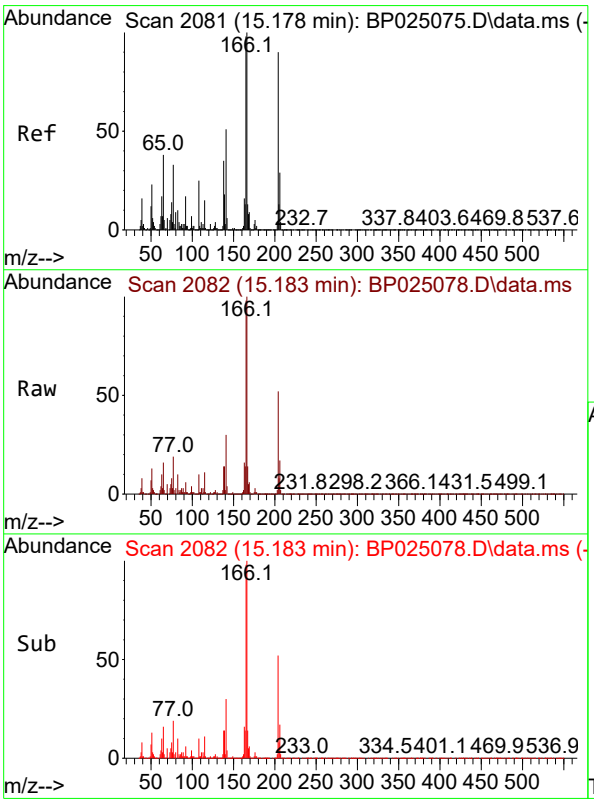
#60
Diethylphthalate
Concen: 77.254 ng
RT: 14.978 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

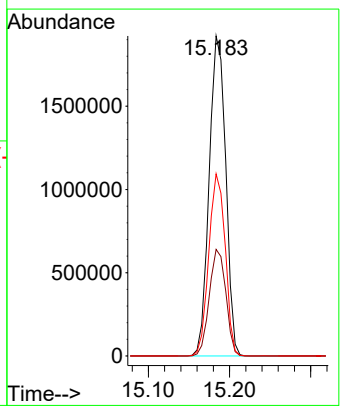


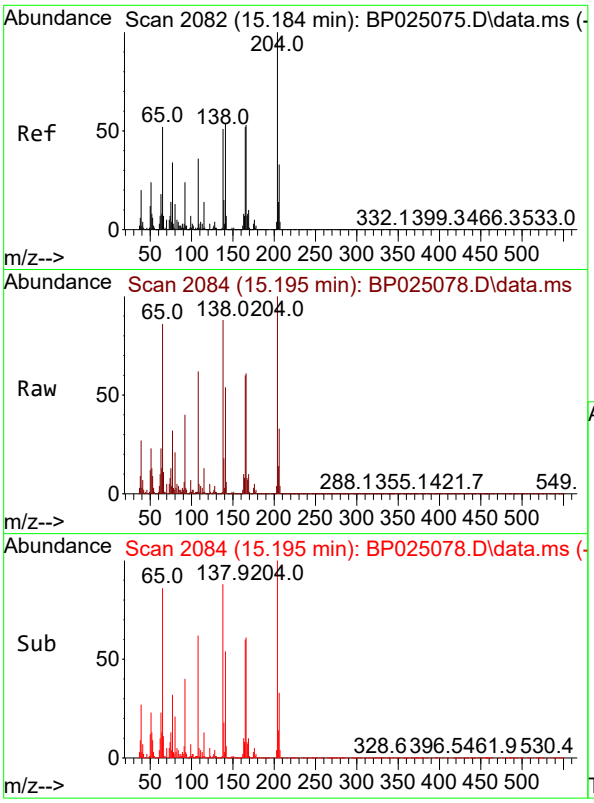


#61
4-Chlorophenyl-phenylether
Concen: 73.523 ng
RT: 15.183 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



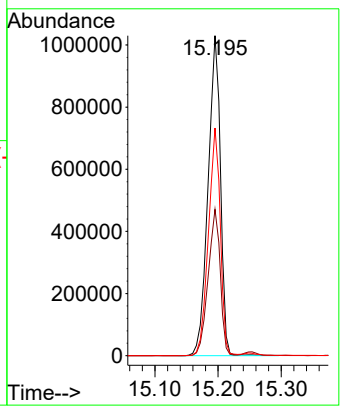


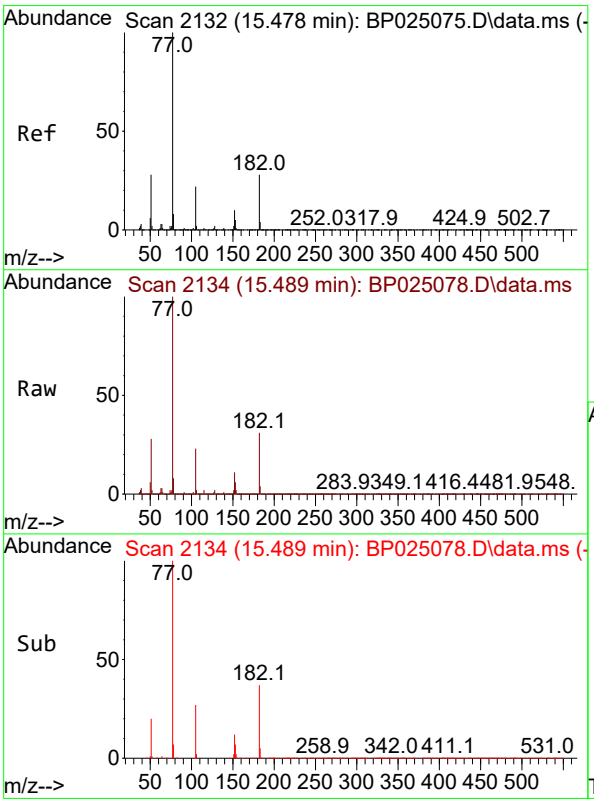
#62
4-Nitroaniline
Concen: 84.376 ng
RT: 15.195 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

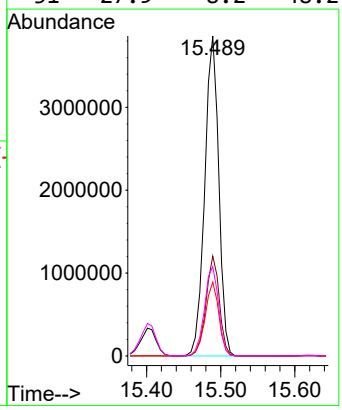


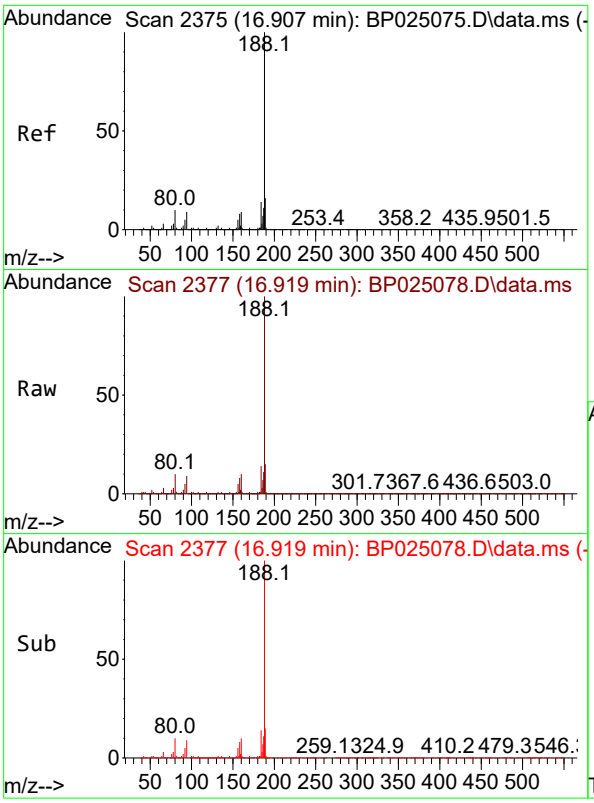


#63
Azobenzene
Concen: 74.798 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



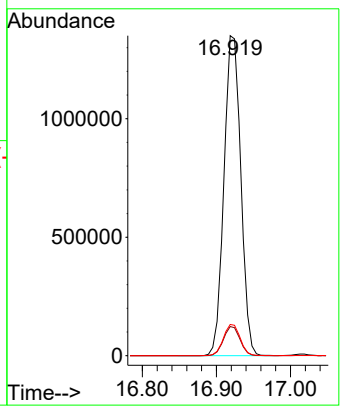


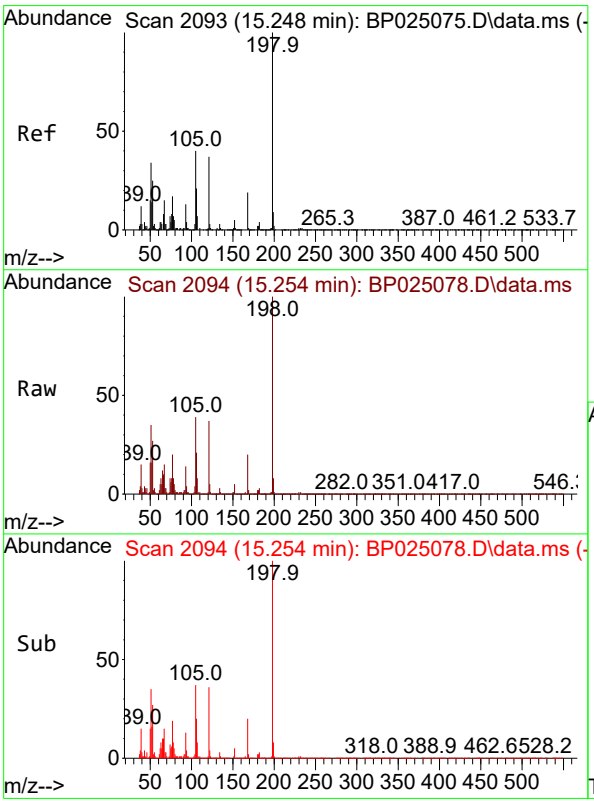
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

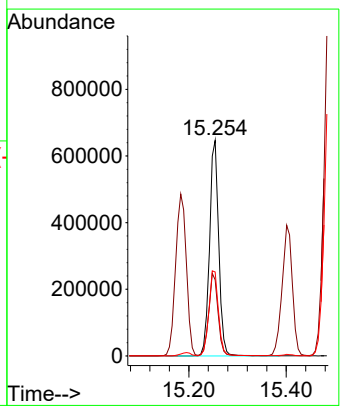


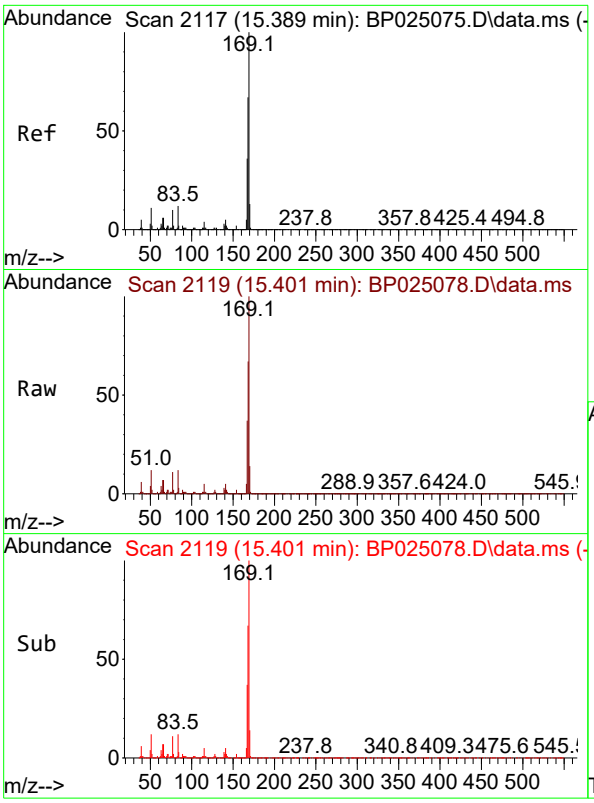


#65
4,6-Dinitro-2-methylphenol
Concen: 81.907 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



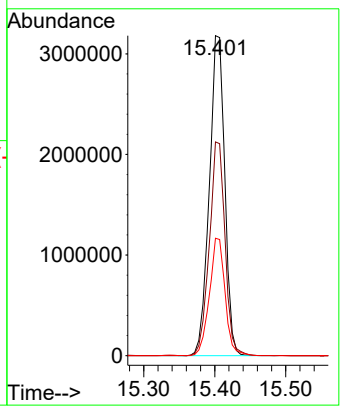


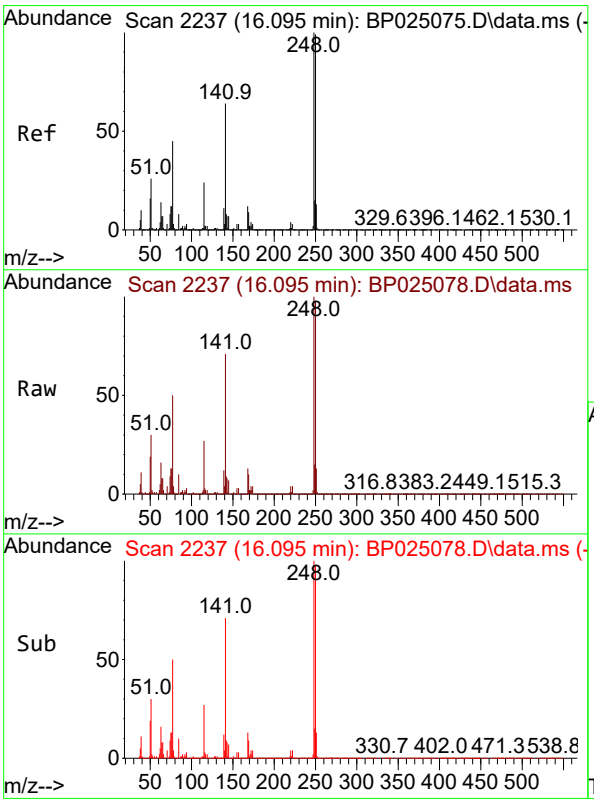
#66
n-Nitrosodiphenylamine
Concen: 79.024 ng
RT: 15.401 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

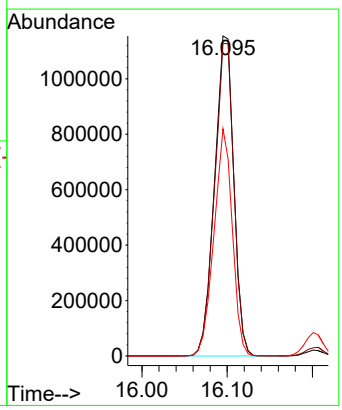


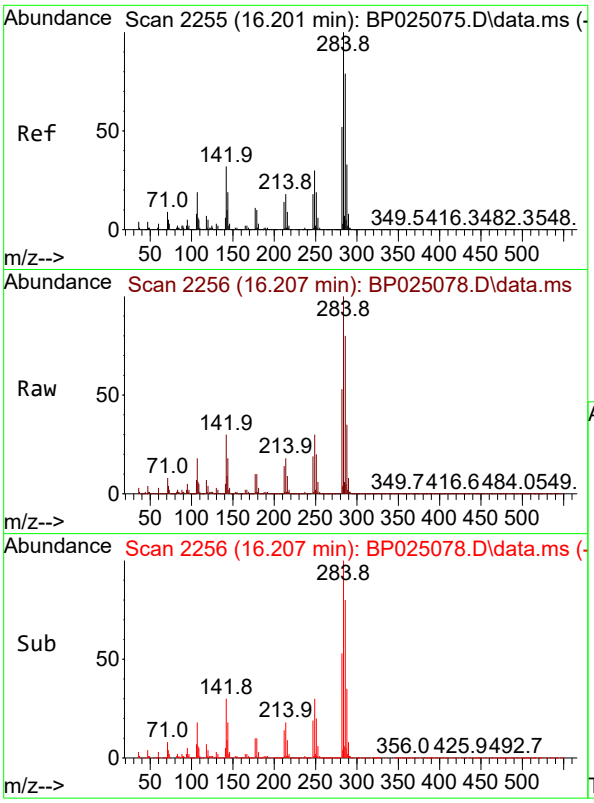


#67
4-Bromophenyl-phenylether
Concen: 83.140 ng
RT: 16.095 min Scan# 2237
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



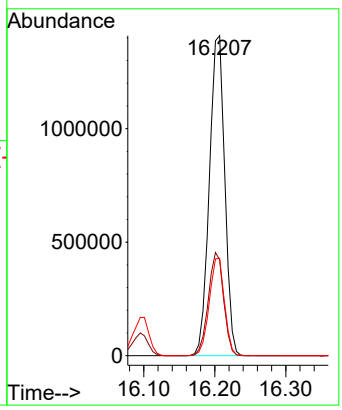


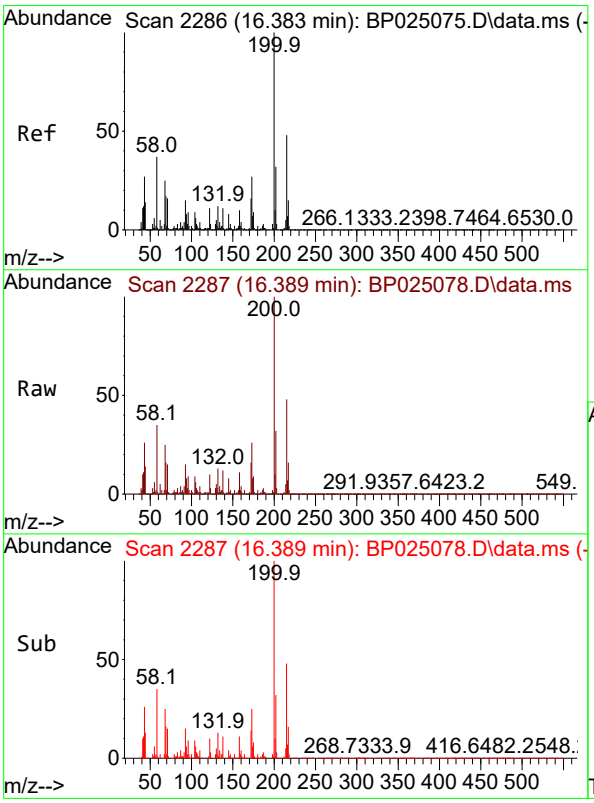
#68
Hexachlorobenzene
Concen: 79.660 ng
RT: 16.207 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

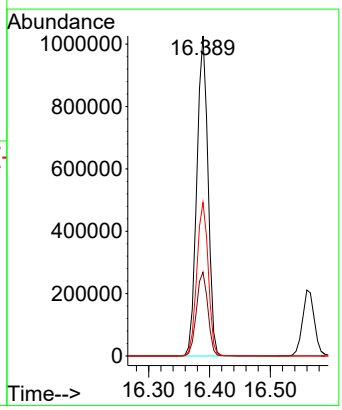


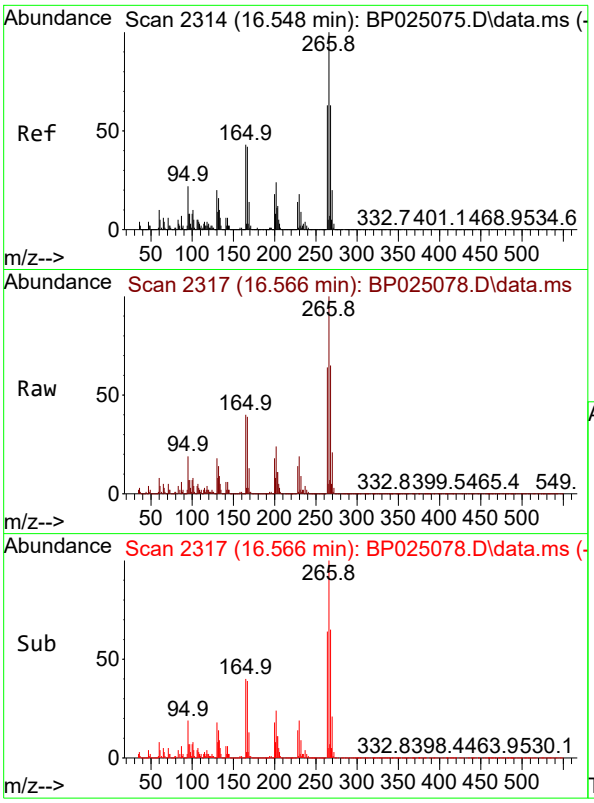


#69
Atrazine
Concen: 73.469 ng
RT: 16.389 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



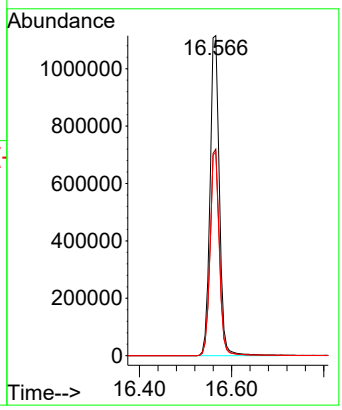


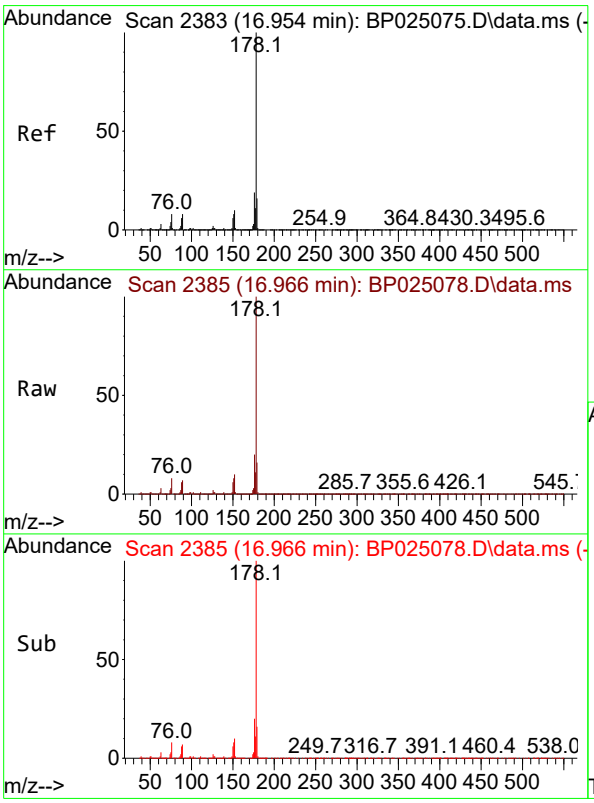
#70
Pentachlorophenol
Concen: 87.298 ng
RT: 16.566 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

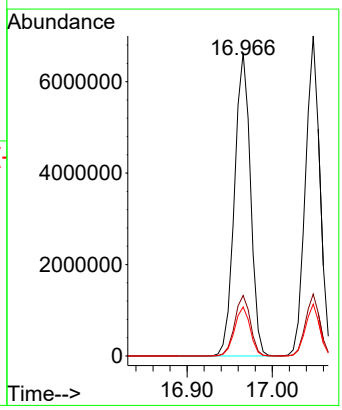


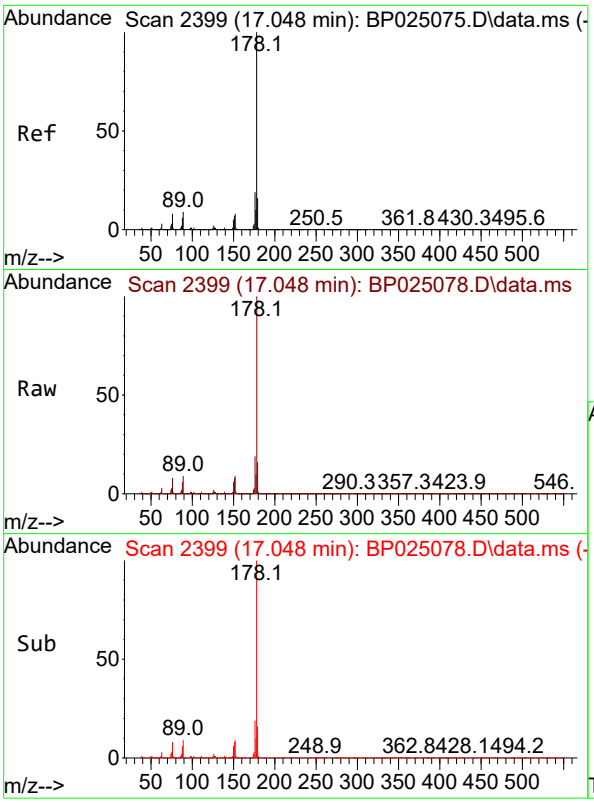


#71
Phenanthrene
Concen: 75.660 ng
RT: 16.966 min Scan# 2385
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



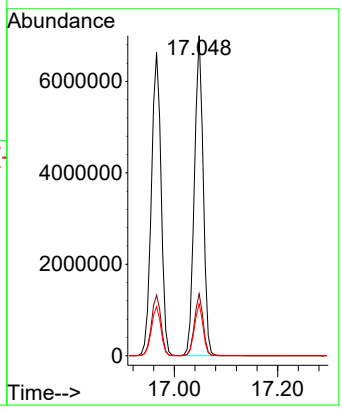


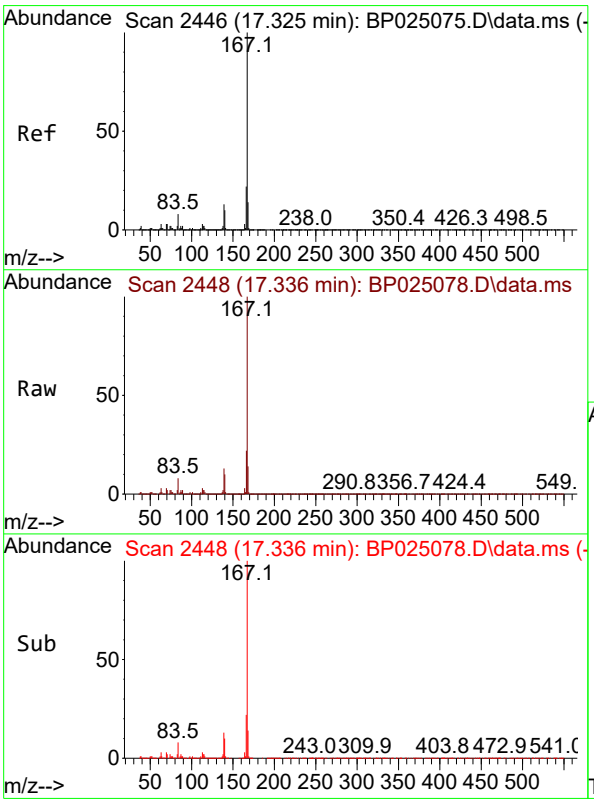
#72
Anthracene
Concen: 75.756 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

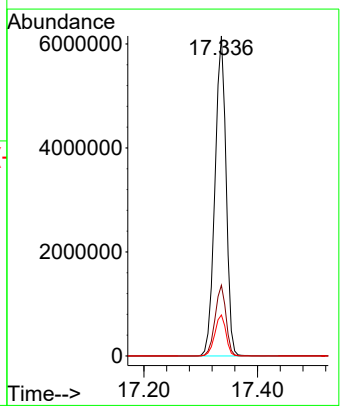


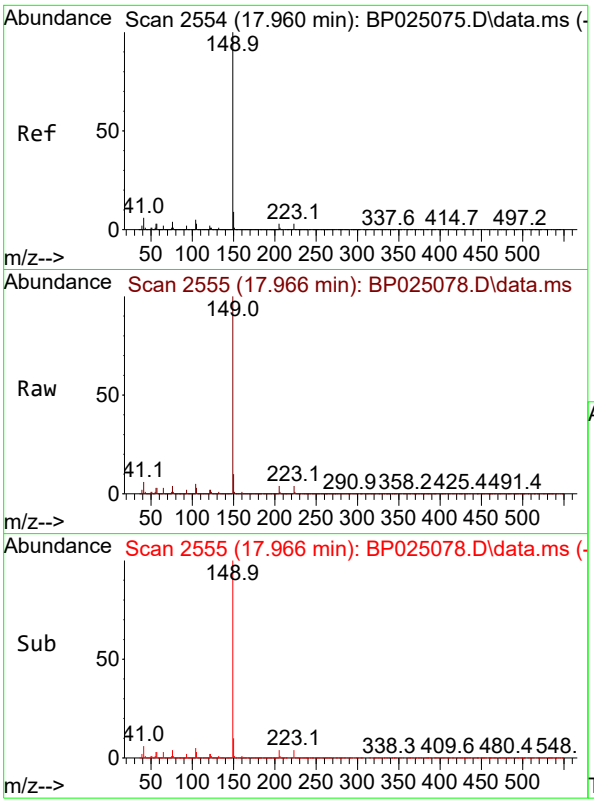


#73
Carbazole
Concen: 77.872 ng
RT: 17.336 min Scan# 2448
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



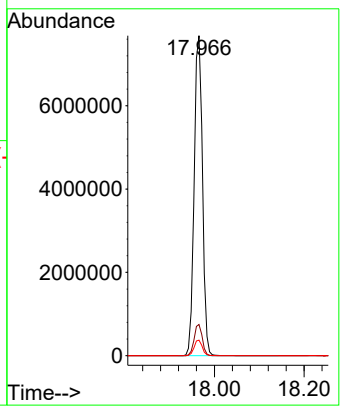


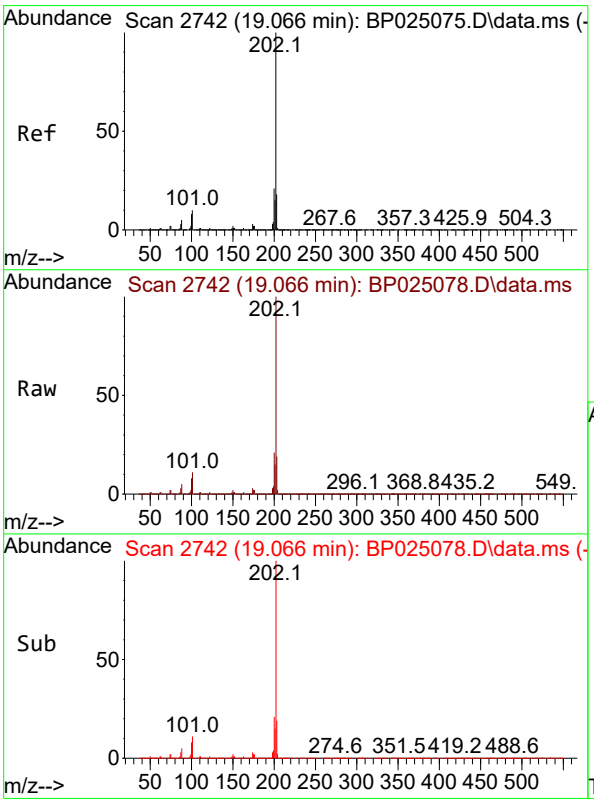
#74
Di-n-butylphthalate
Concen: 82.572 ng
RT: 17.966 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

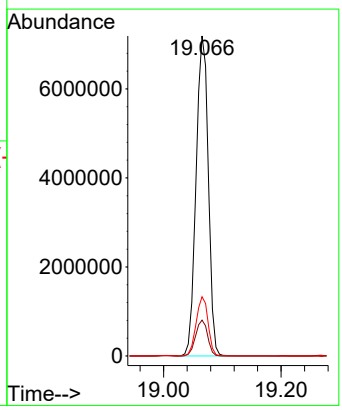


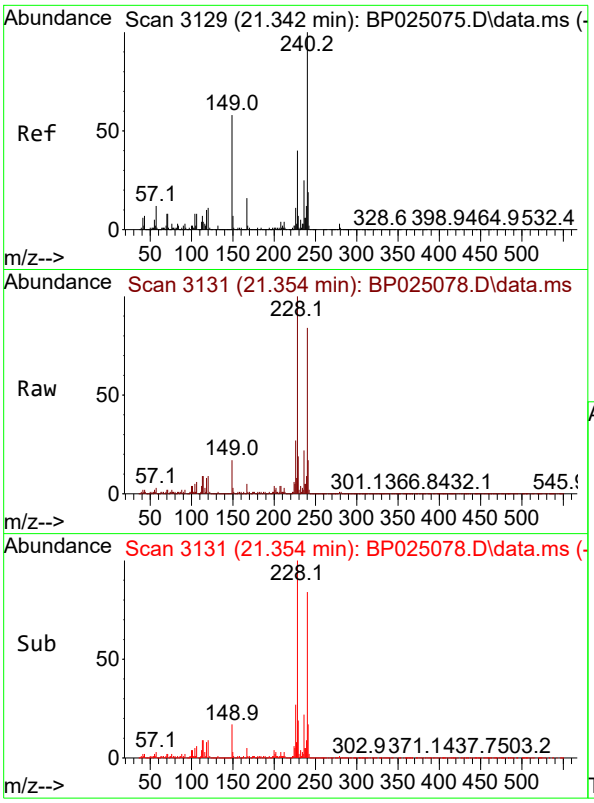


#75
Fluoranthene
Concen: 77.833 ng
RT: 19.066 min Scan# 2742
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



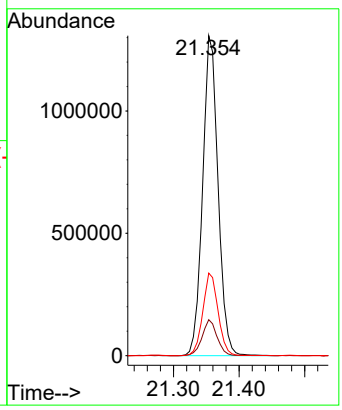


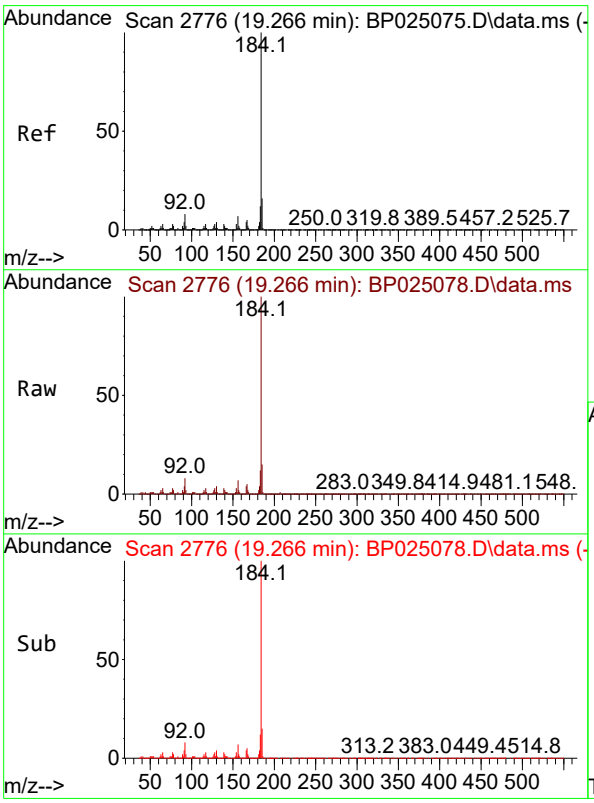
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

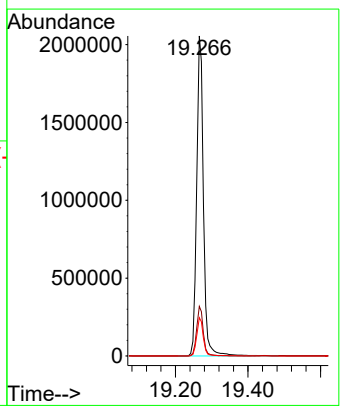


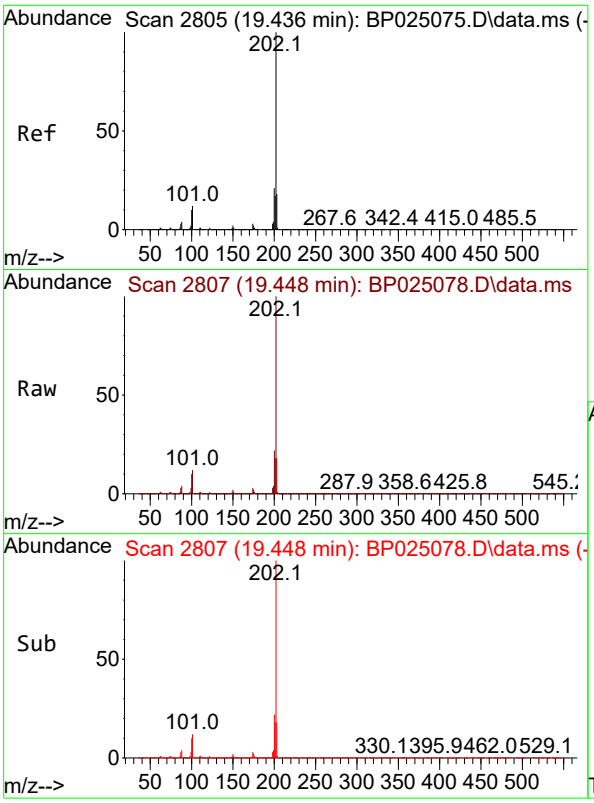


#77
Benzidine
Concen: 70.212 ng
RT: 19.266 min Scan# 2776
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



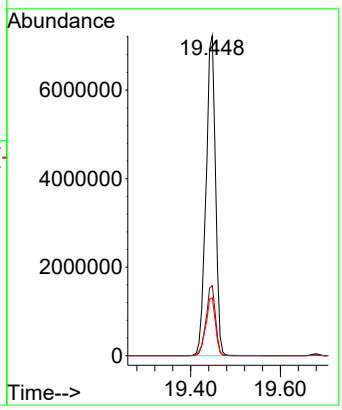


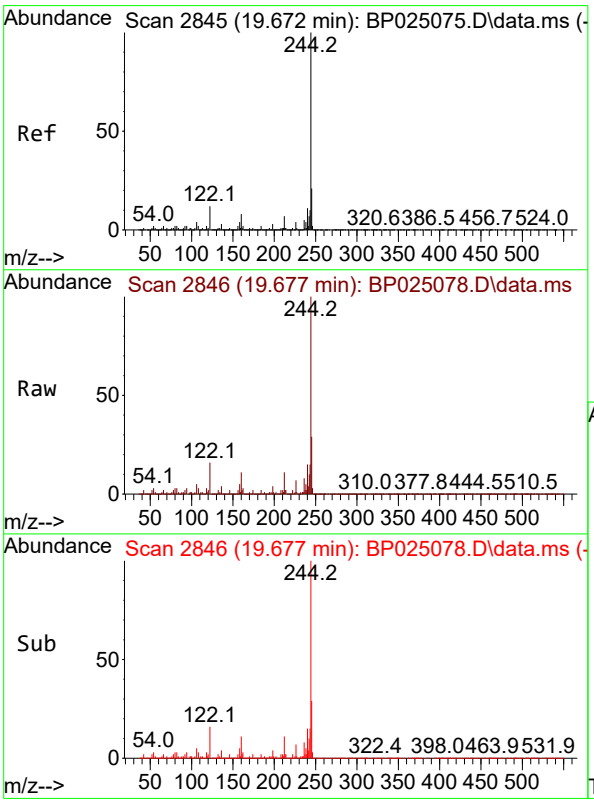
#78
Pyrene
Concen: 79.970 ng
RT: 19.448 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

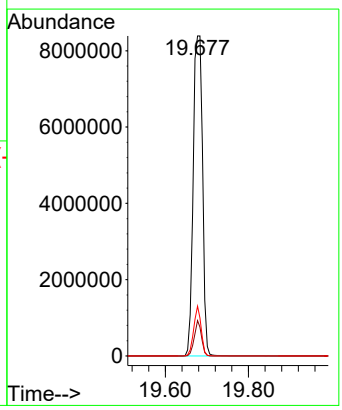


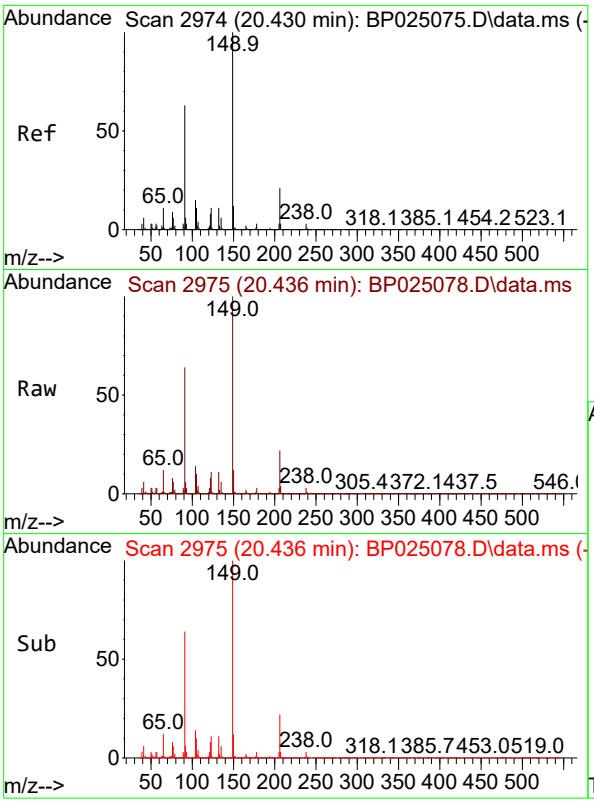


#79
Terphenyl-d14
Concen: 134.293 ng
RT: 19.677 min Scan# 2846
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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#



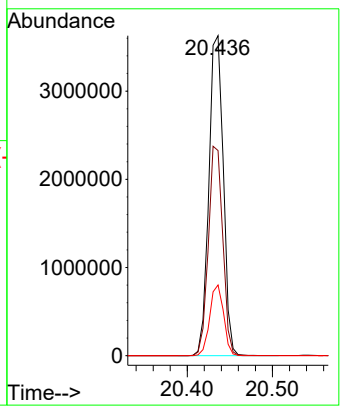


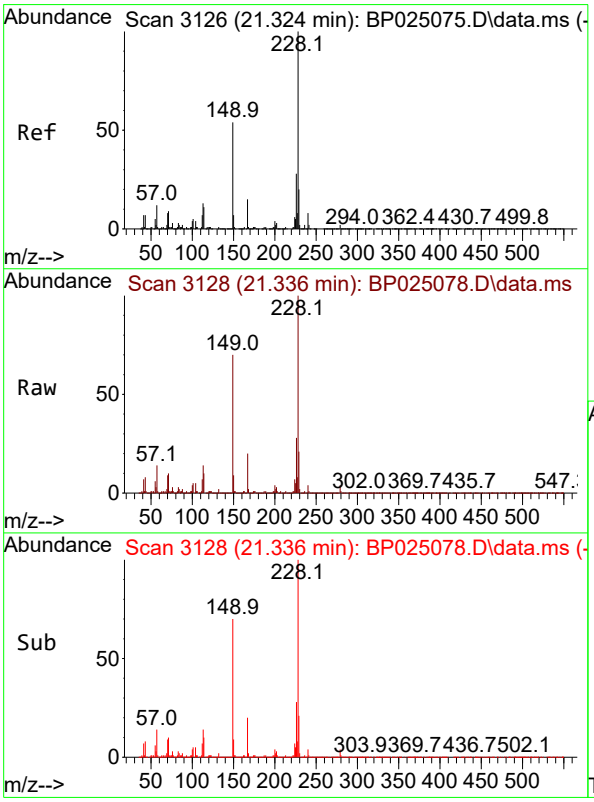
#80
Butylbenzylphthalate
Concen: 80.862 ng
RT: 20.436 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

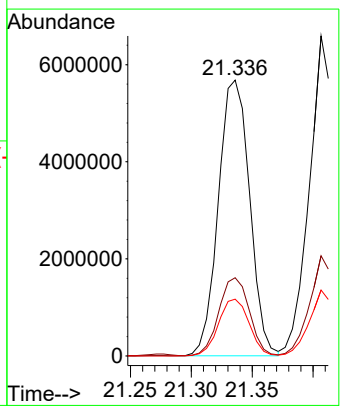


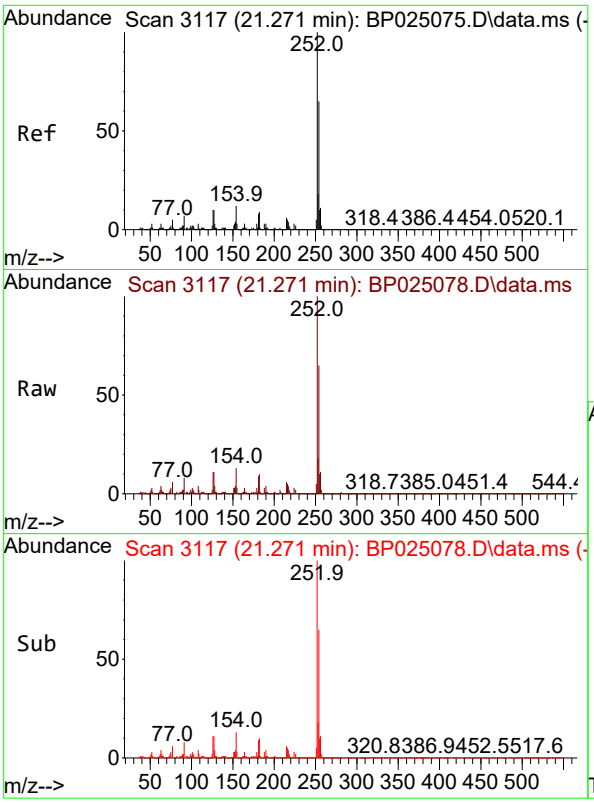


#81
Benzo(a)anthracene
Concen: 78.478 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



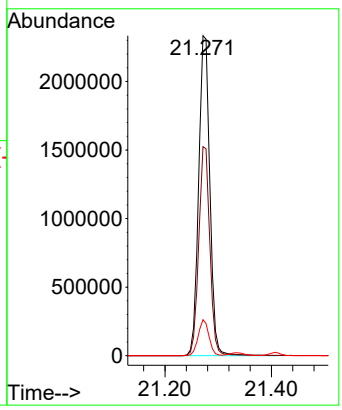


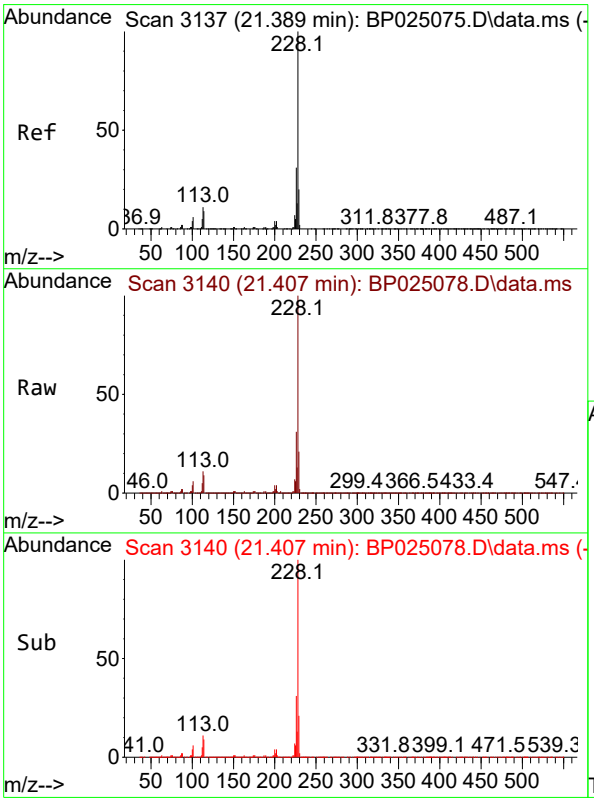
#82
3,3'-Dichlorobenzidine
Concen: 87.049 ng
RT: 21.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

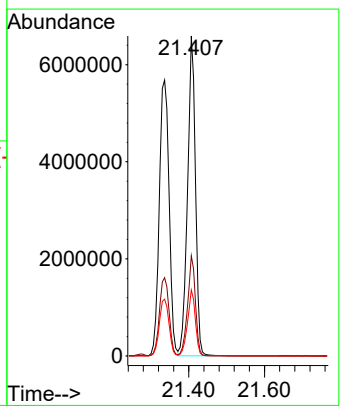


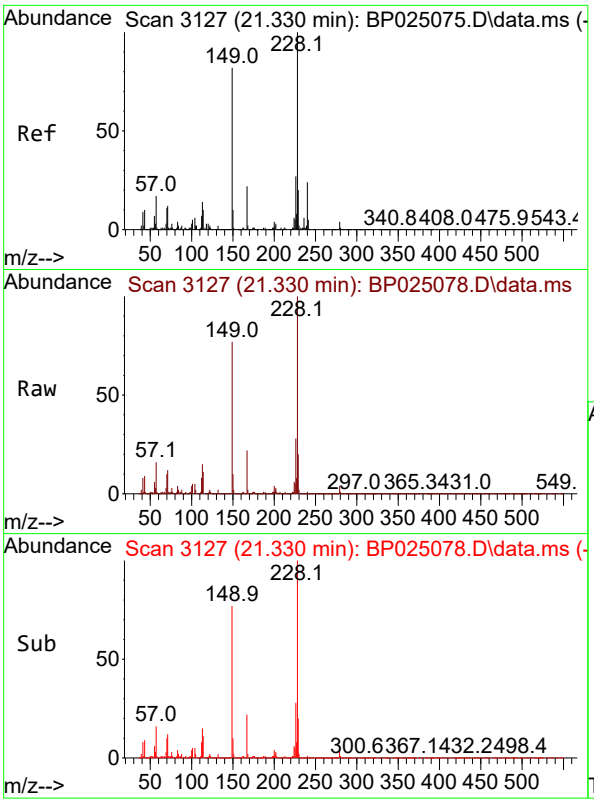


#83
Chrysene
Concen: 76.668 ng
RT: 21.407 min Scan# 3140
Delta R.T. 0.018 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



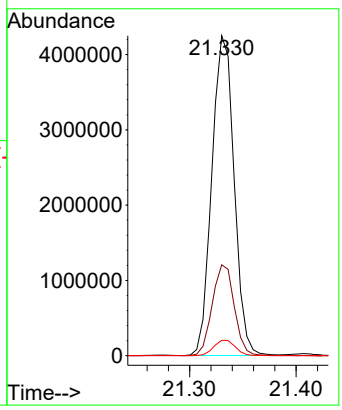


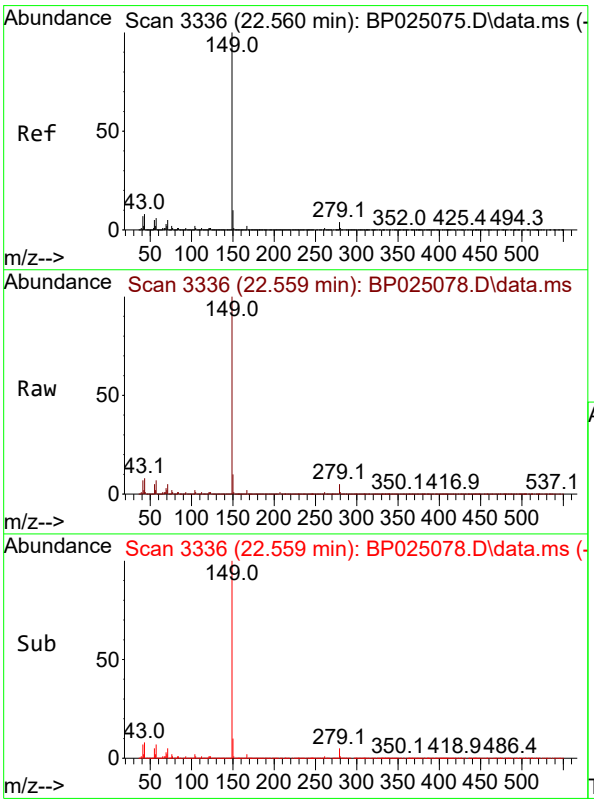
#84
Bis(2-ethylhexyl)phthalate
Concen: 88.574 ng
RT: 21.330 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

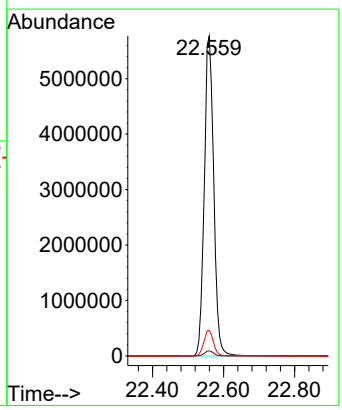


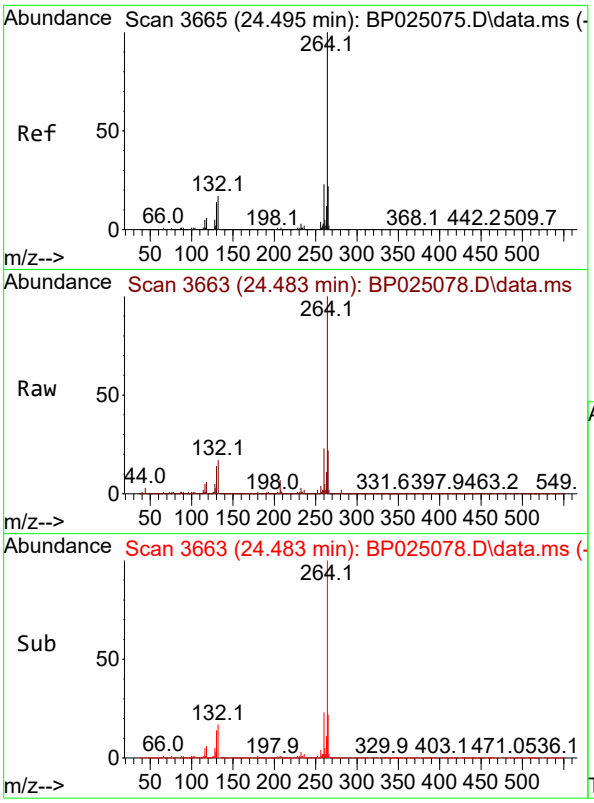


#85
Di-n-octyl phthalate
Concen: 79.212 ng
RT: 22.559 min Scan# 3336
Delta R.T. -0.001 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



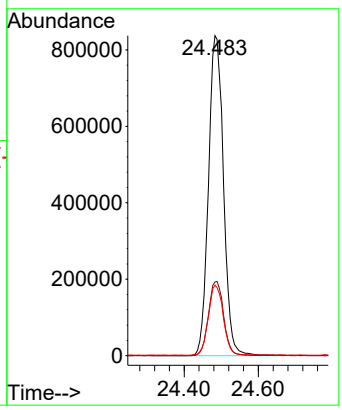


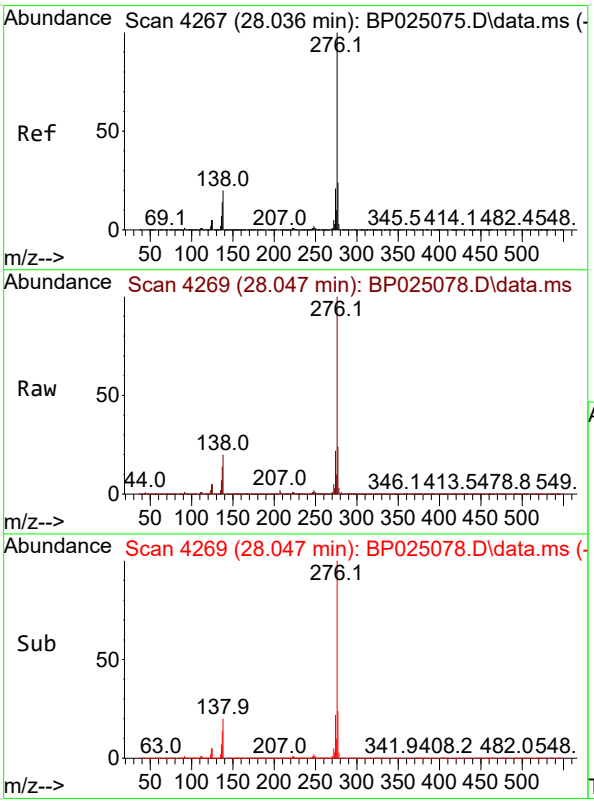
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

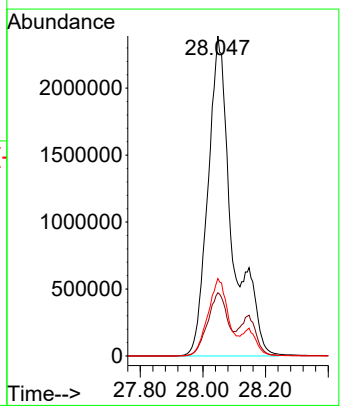


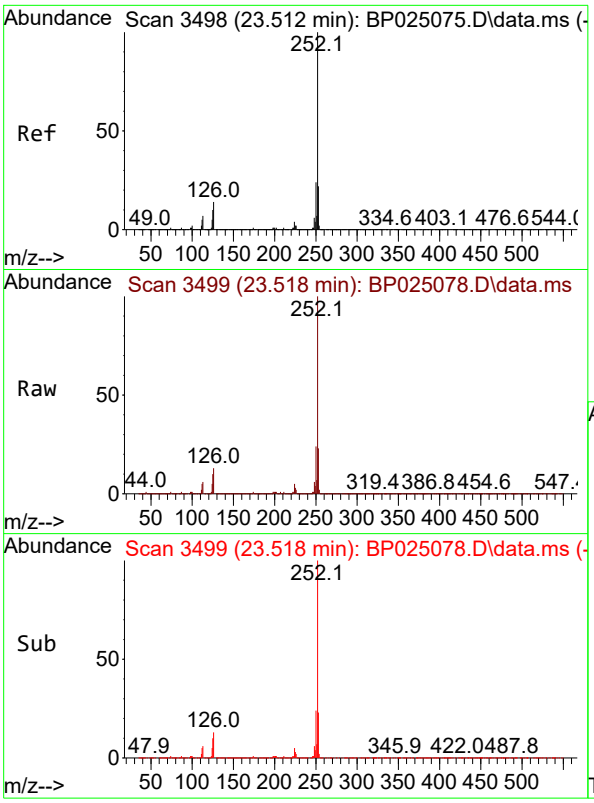


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.771 ng m
RT: 28.047 min Scan# 4269
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



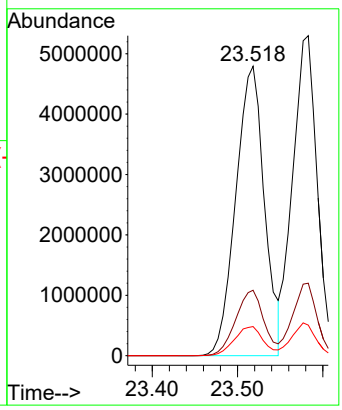


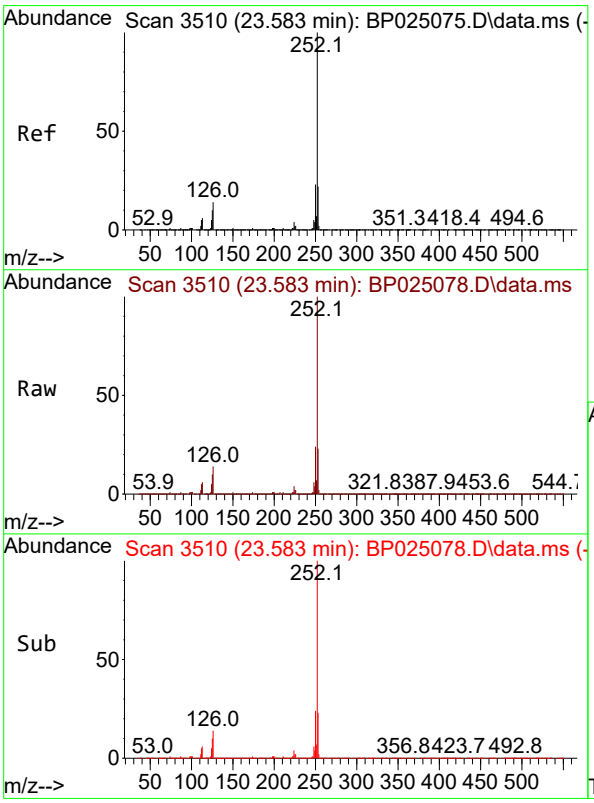
#88
Benzo(b)fluoranthene
Concen: 81.559 ng
RT: 23.518 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

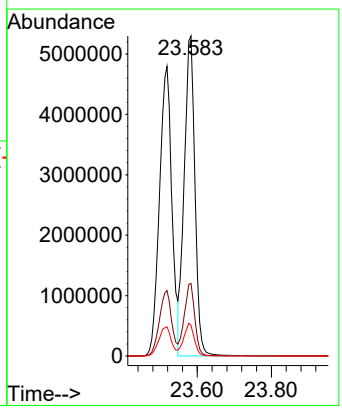


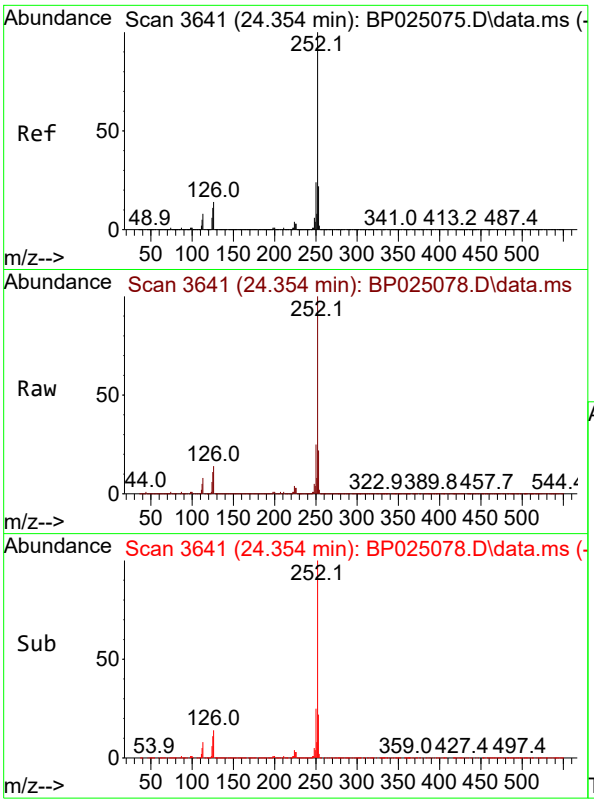


#89
Benzo(k)fluoranthene
Concen: 78.255 ng
RT: 23.583 min Scan# 3510
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



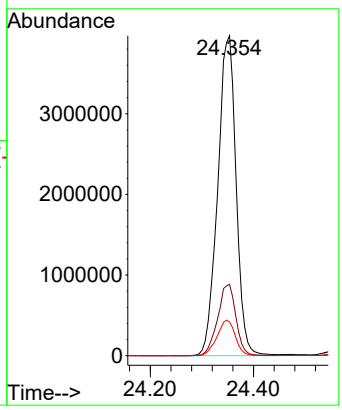


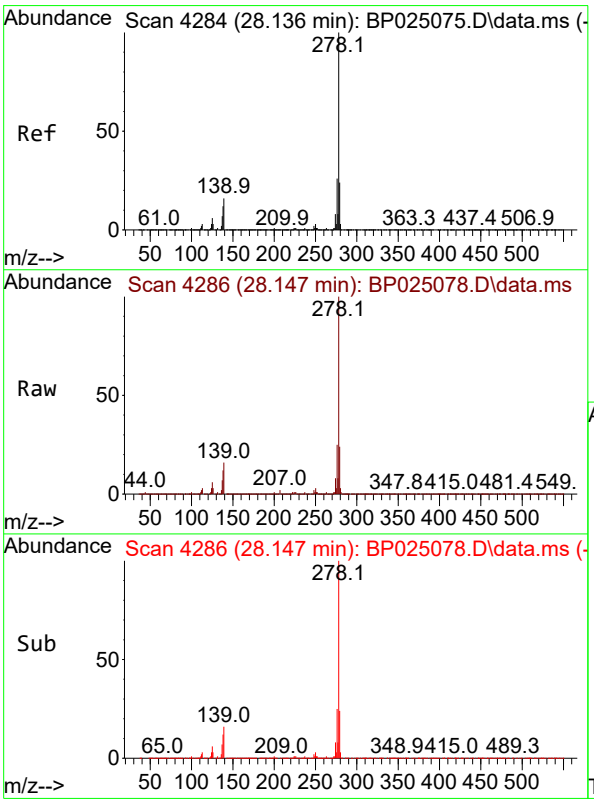
#90
Benzo(a)pyrene
Concen: 83.957 ng
RT: 24.354 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

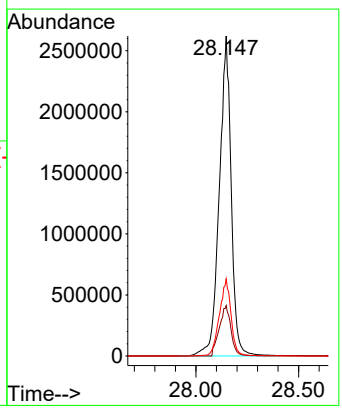


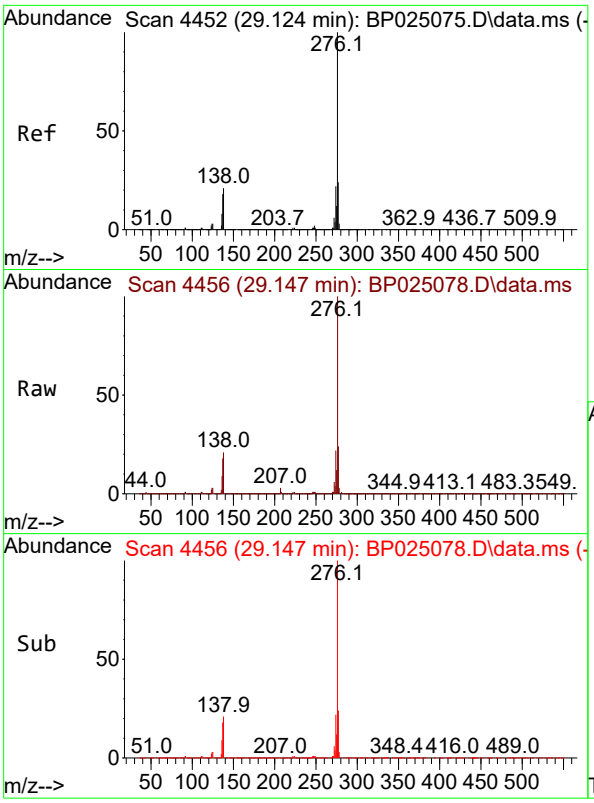


#91
Dibenzo(a,h)anthracene
Concen: 84.932 ng
RT: 28.147 min Scan# 4286
Delta R.T. 0.012 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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



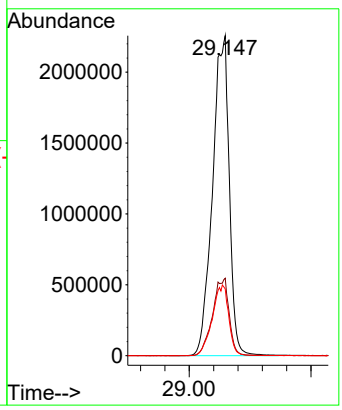


#92
Benzo(g,h,i)perylene
Concen: 83.943 ng
RT: 29.147 min Scan# 4
Delta R.T. 0.023 min
Lab File: BP025078.D
Acq: 03 Jul 2025 14:31

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

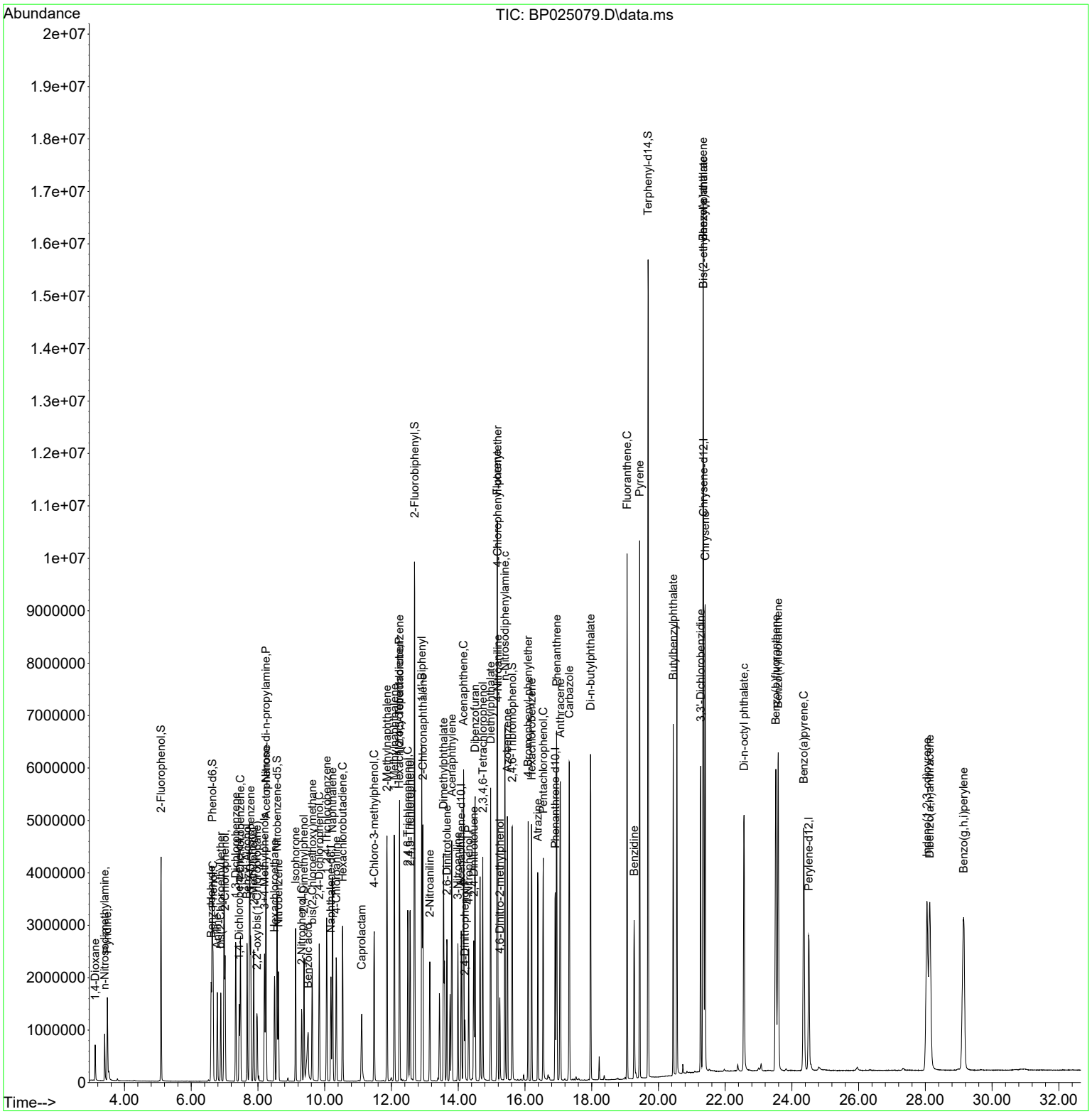
(#) = qualifier out of range (m) = manual integration (+) = signals summed

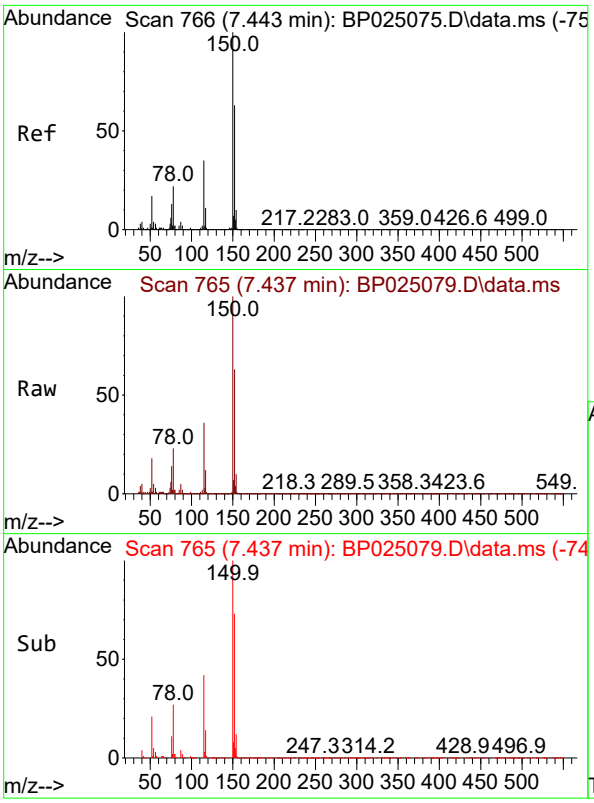
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



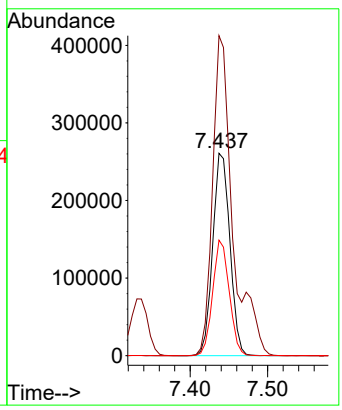


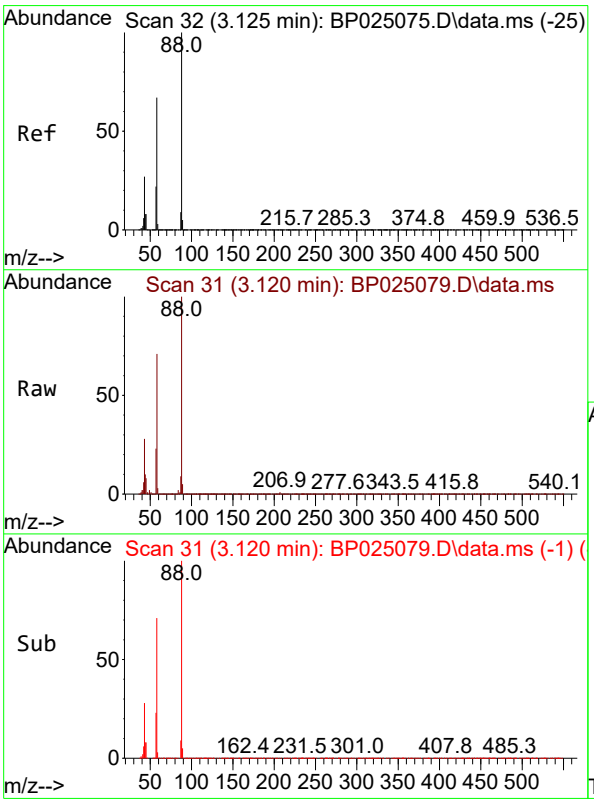
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 400883

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.1	189.1
115	57.1	44.3	66.5

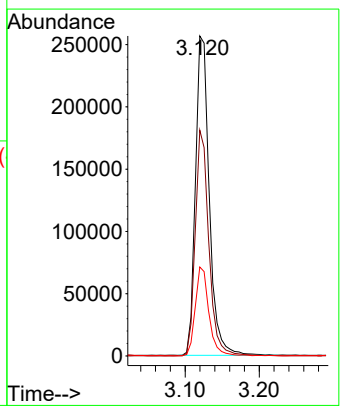


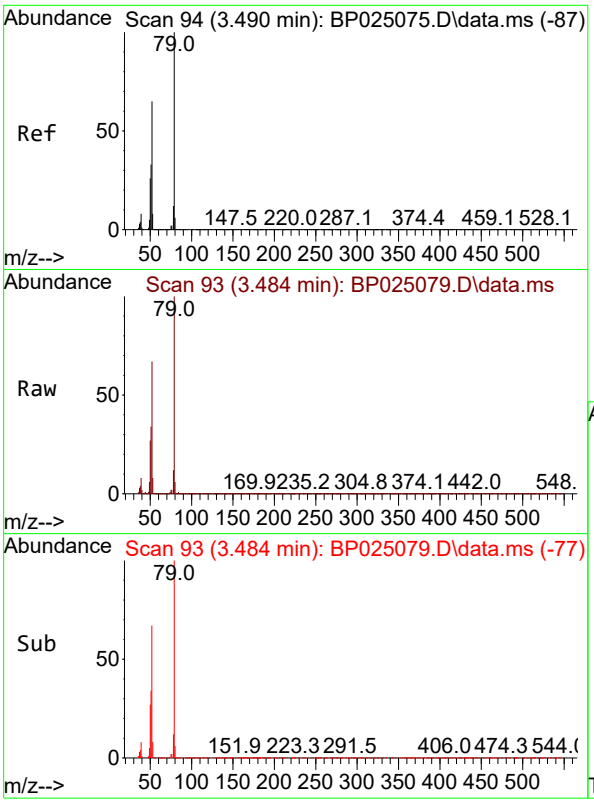


#2
1,4-Dioxane
Concen: 37.814 ng
RT: 3.120 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 88 Resp: 332686

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	27.7	21.9	32.9



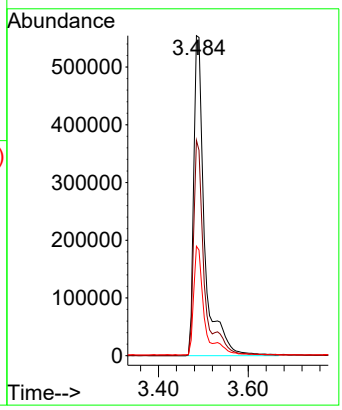


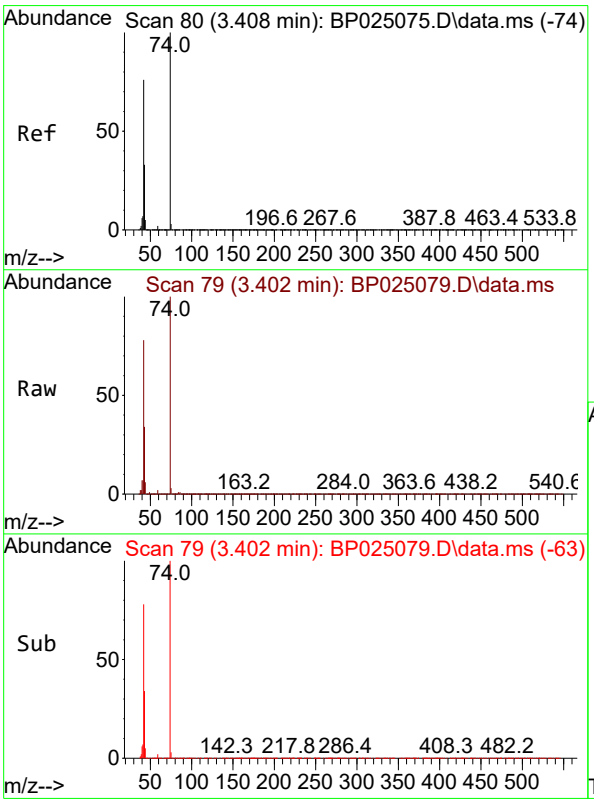
#3
Pyridine
Concen: 39.027 ng
RT: 3.484 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 940029

Ion	Ratio	Lower	Upper
79	100		
52	67.3	52.2	78.4
51	34.2	26.8	40.2

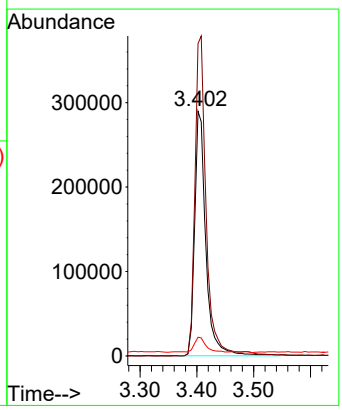


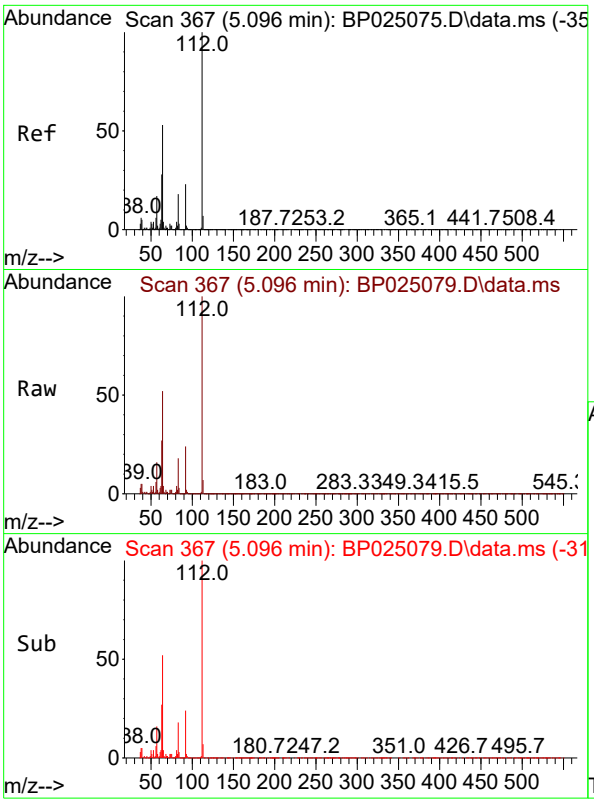


#4
n-Nitrosodimethylamine
Concen: 38.933 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 42 Resp: 397057

Ion	Ratio	Lower	Upper
42	100		
74	127.7	105.2	157.8
44	7.7	6.6	9.8



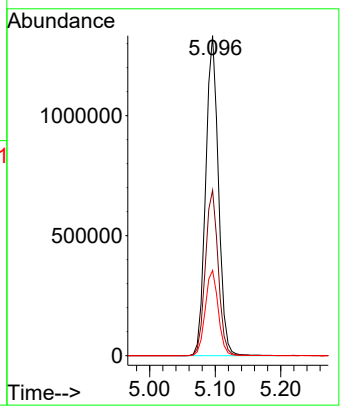


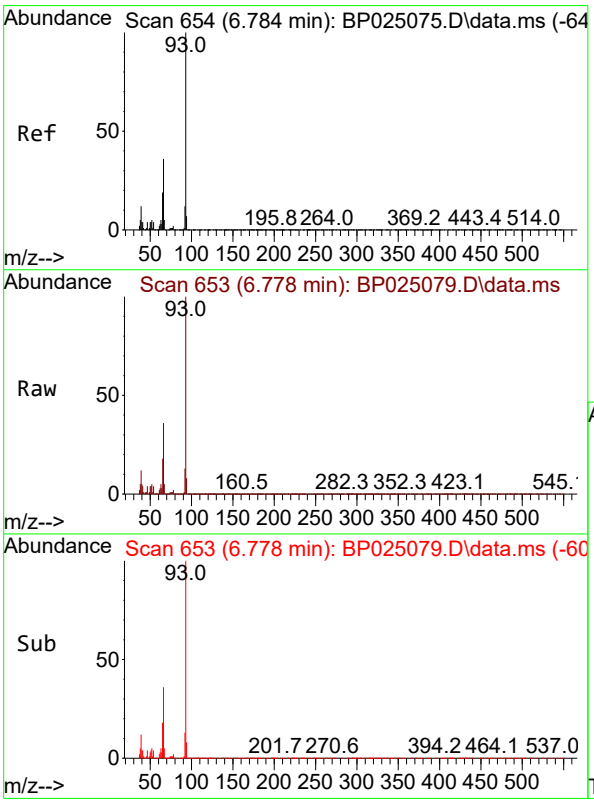
#5
2-Fluorophenol
Concen: 79.825 ng
RT: 5.096 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:112 Resp: 1806055

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.0	63.0
63	26.6	22.2	33.2

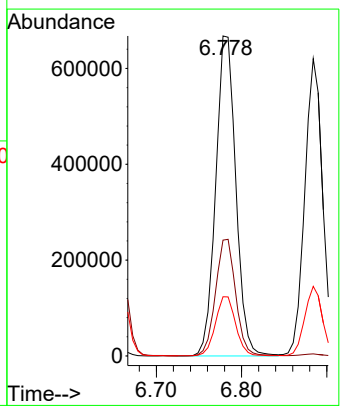


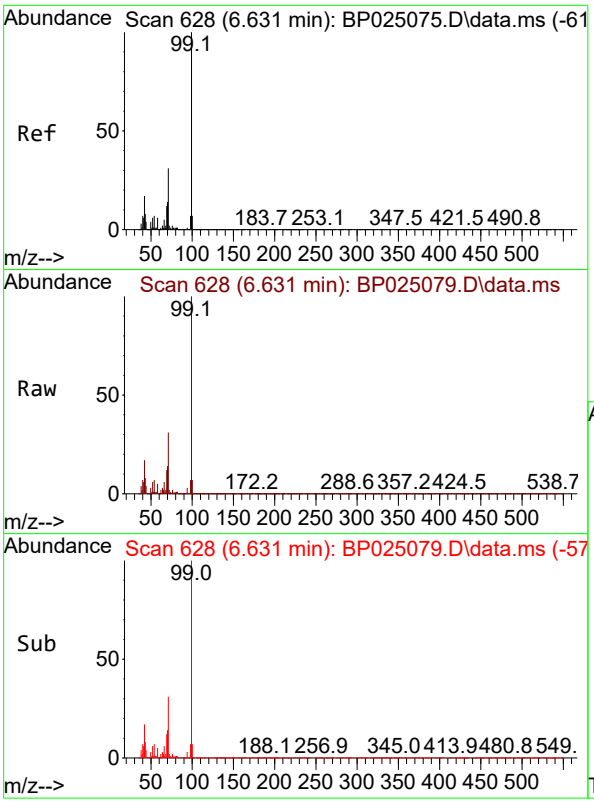


#6
Aniline
Concen: 39.803 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1098010

Ion	Ratio	Lower	Upper
93	100		
66	36.2	28.9	43.3
65	18.5	15.2	22.8



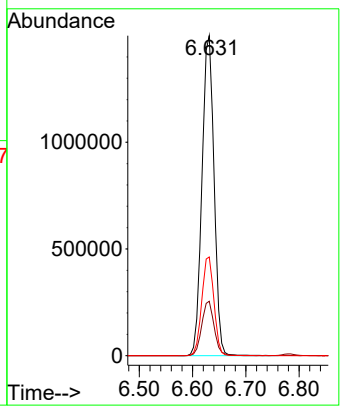


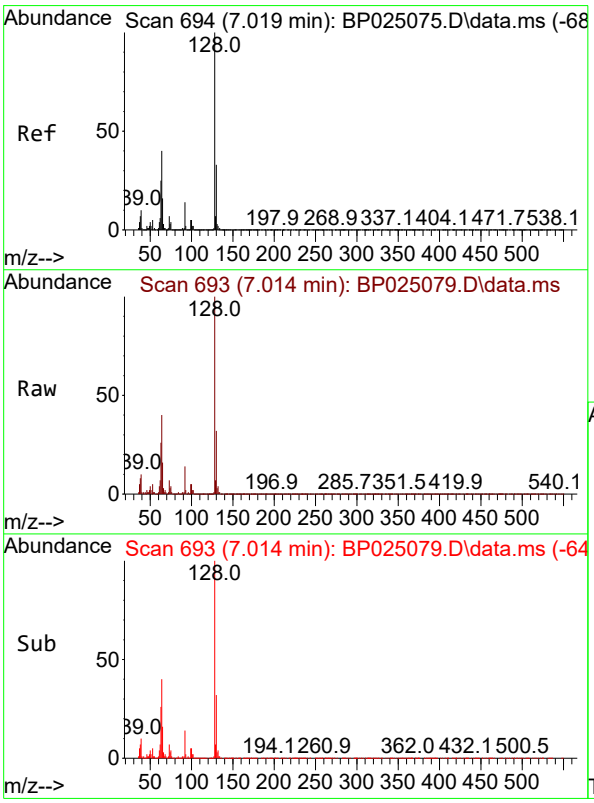
#7
Phenol-d6
Concen: 80.057 ng
RT: 6.631 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 99 Resp: 2363715

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	30.9	24.4	36.6

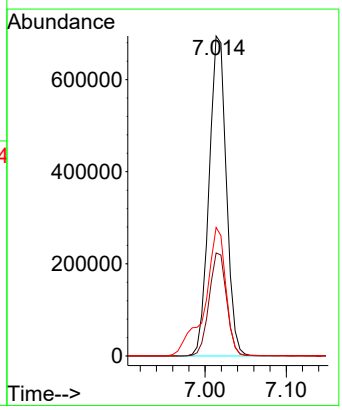


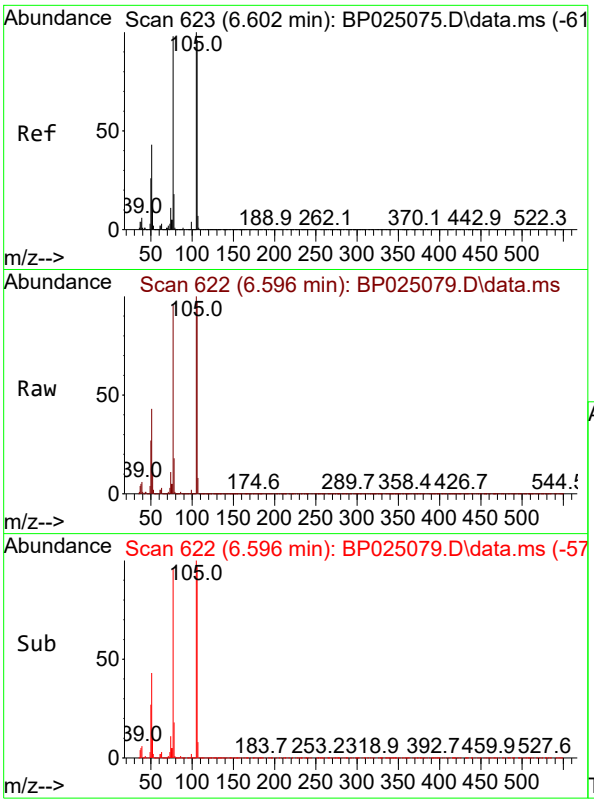


#8
2-Chlorophenol
Concen: 40.431 ng
RT: 7.014 min Scan# 693
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:128 Resp: 1023493

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	40.2	20.3	60.3



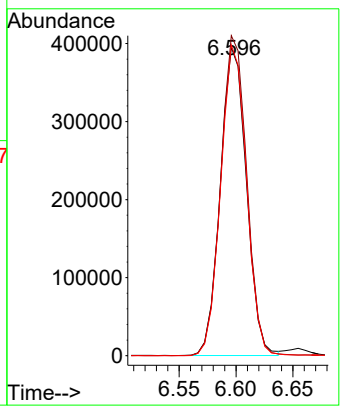


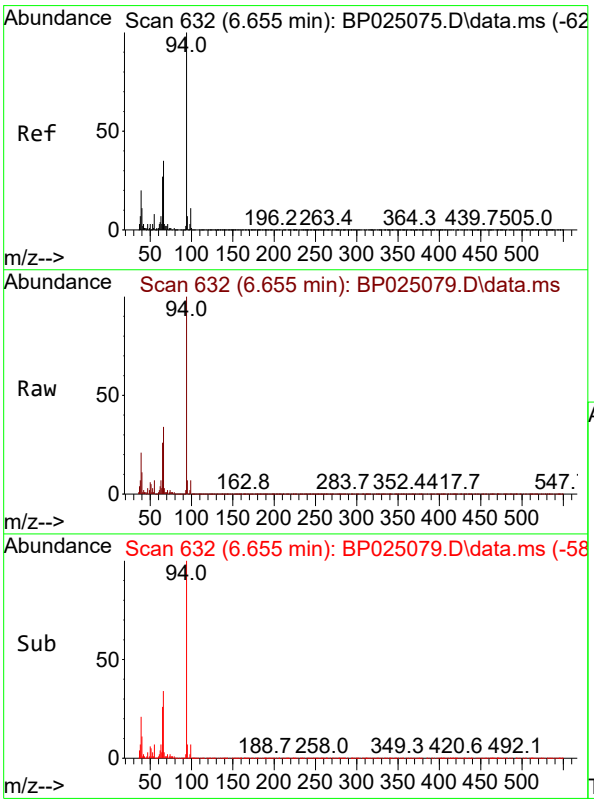
#9
Benzaldehyde
Concen: 40.841 ng
RT: 6.596 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 629753

Ion	Ratio	Lower	Upper
77	100		
105	103.8	82.4	122.4
106	100.8	78.3	118.3

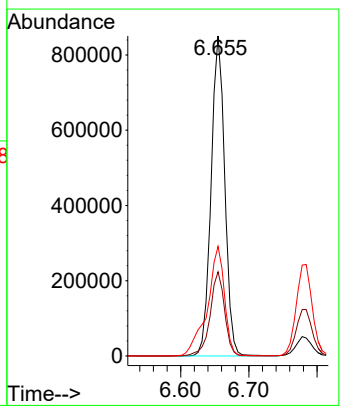


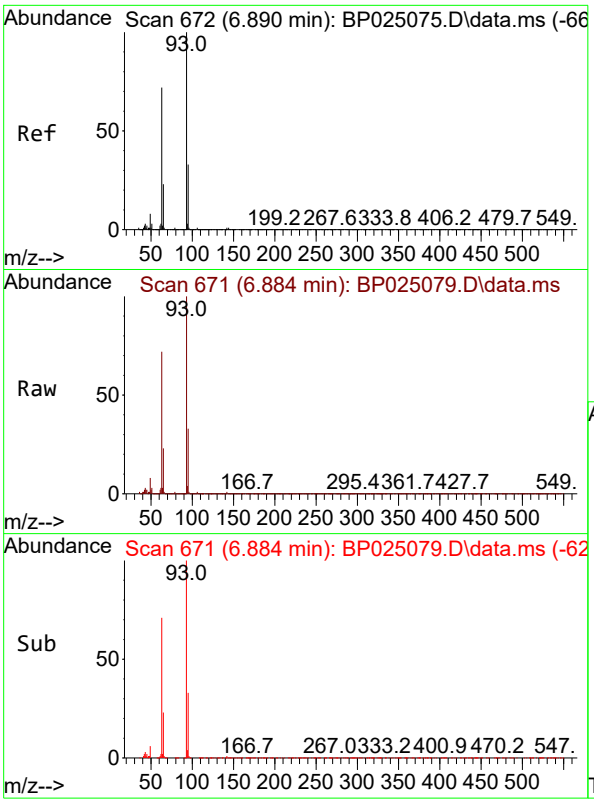


#10
Phenol
Concen: 39.645 ng
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 94 Resp: 1189351

Ion	Ratio	Lower	Upper
94	100		
65	26.3	6.9	46.9
66	34.2	14.6	54.6



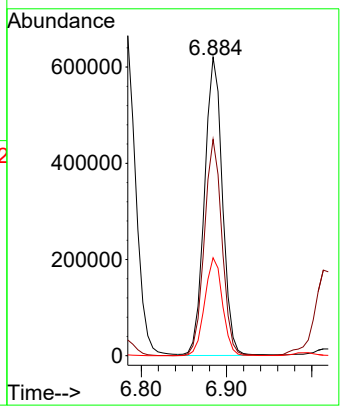


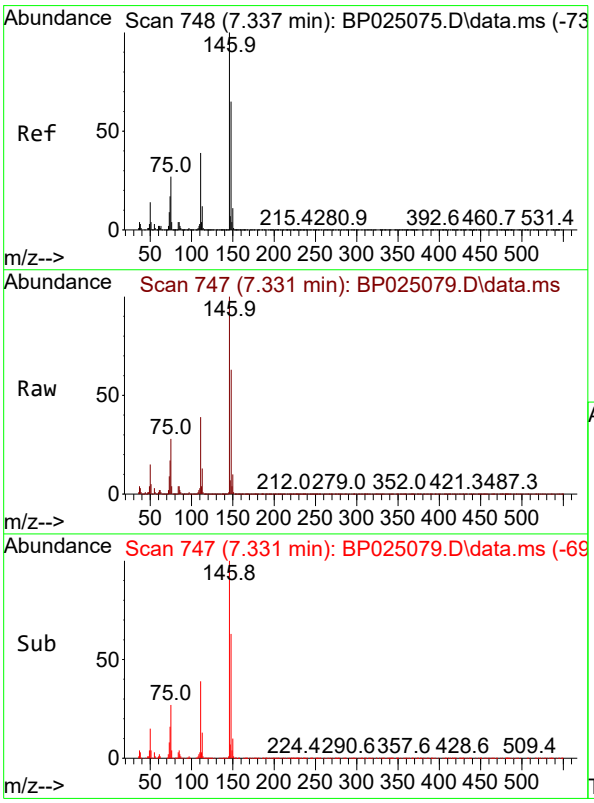
#11
bis(2-Chloroethyl)ether
Concen: 39.206 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 93 Resp: 905215

Ion	Ratio	Lower	Upper
93	100		
63	72.5	51.9	91.9
95	32.8	12.4	52.4

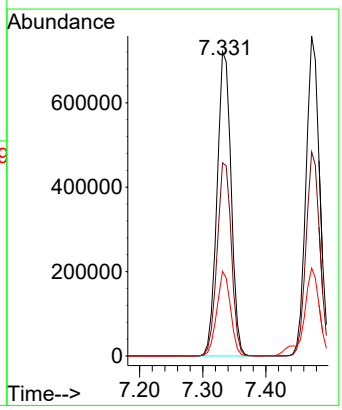


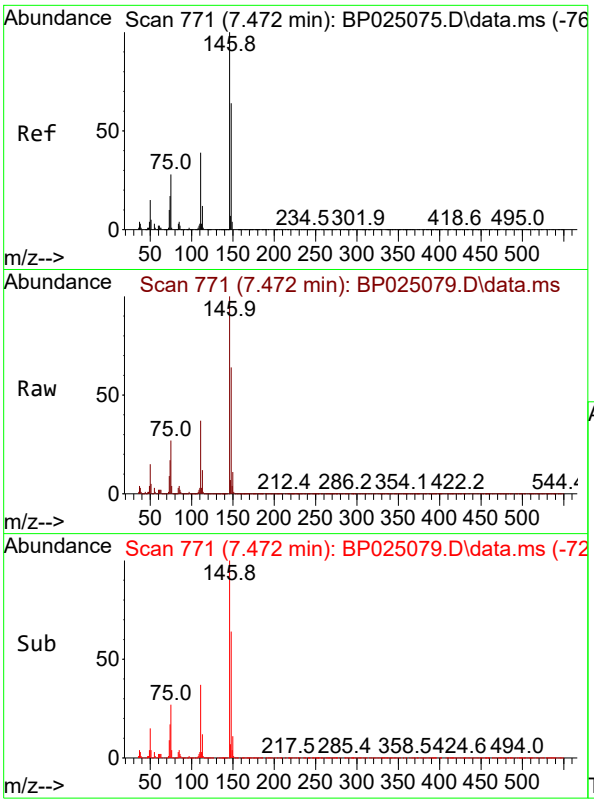


#12
1,3-Dichlorobenzene
Concen: 39.389 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1115941

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
75	27.8	21.8	32.6



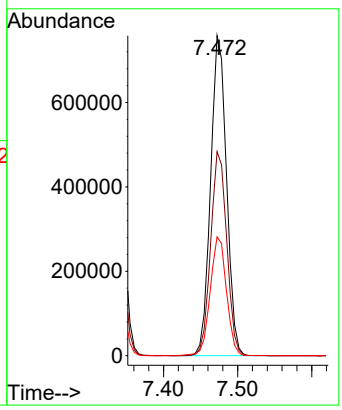


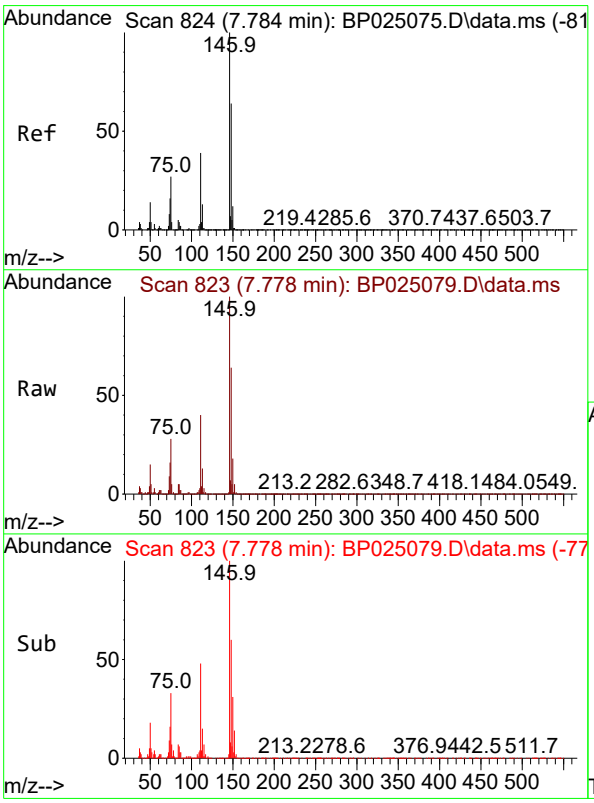
#13
1,4-Dichlorobenzene
Concen: 39.387 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:146 Resp: 1129771

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	37.2	31.2	46.8

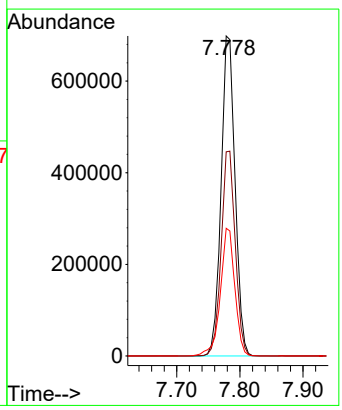


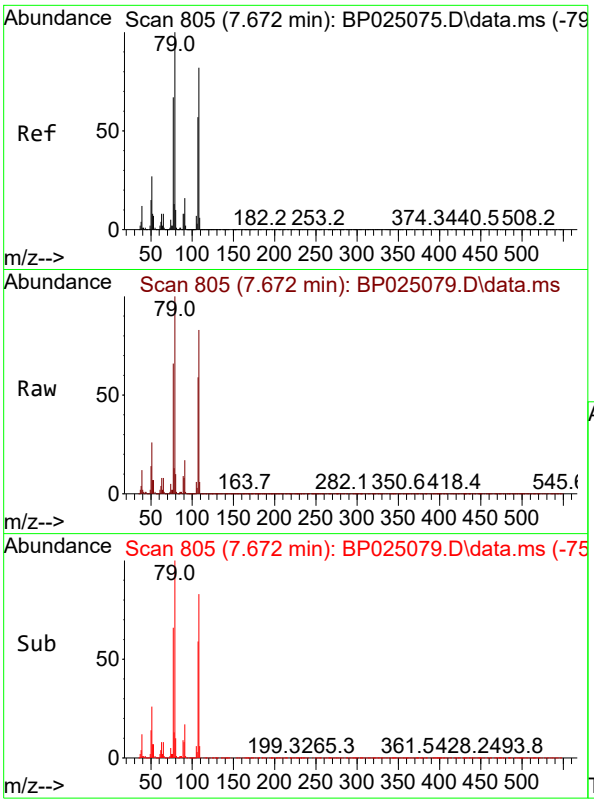


#14
1,2-Dichlorobenzene
Concen: 38.965 ng
RT: 7.778 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:146 Resp: 1075162

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	39.9	31.2	46.8



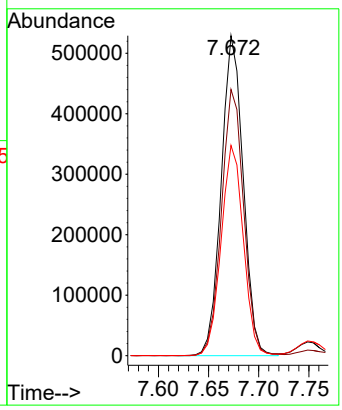


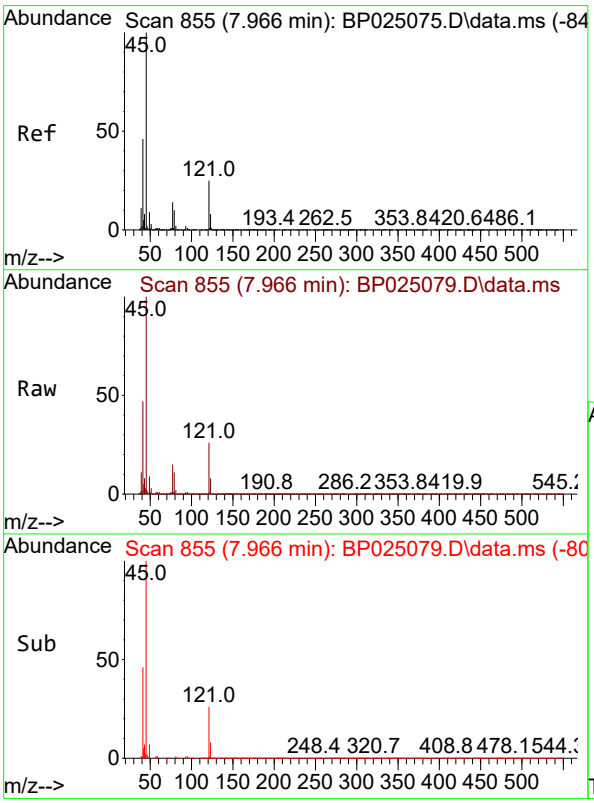
#15
Benzyl Alcohol
Concen: 40.867 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 79 Resp: 805339

Ion	Ratio	Lower	Upper
79	100		
108	83.2	66.0	99.0
77	65.7	53.4	80.2

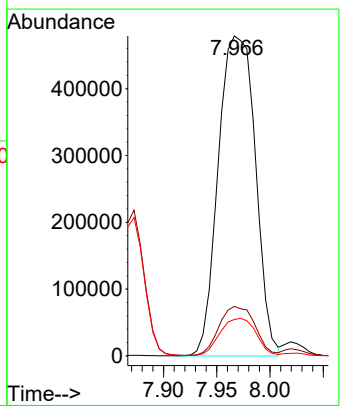


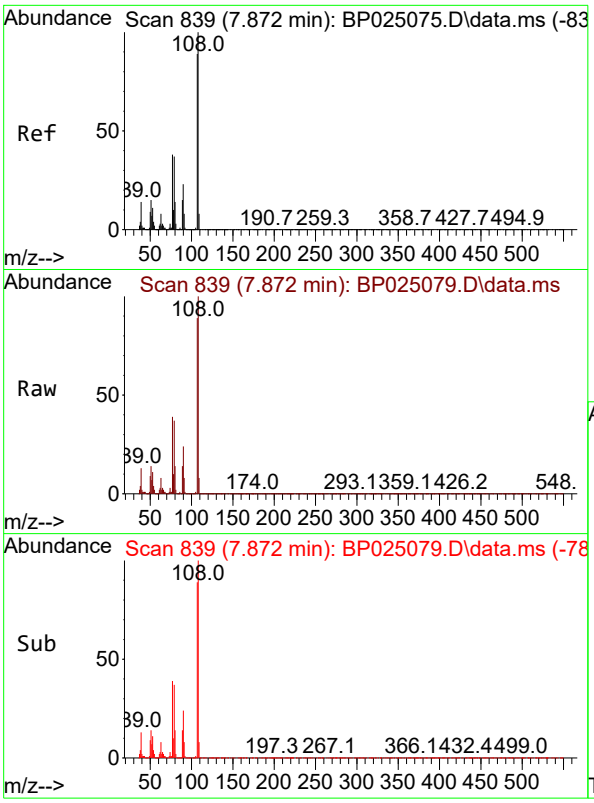


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.579 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 45 Resp: 1158172

Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.8
79	11.4	0.0	30.7



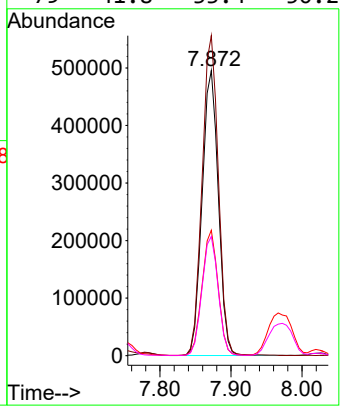


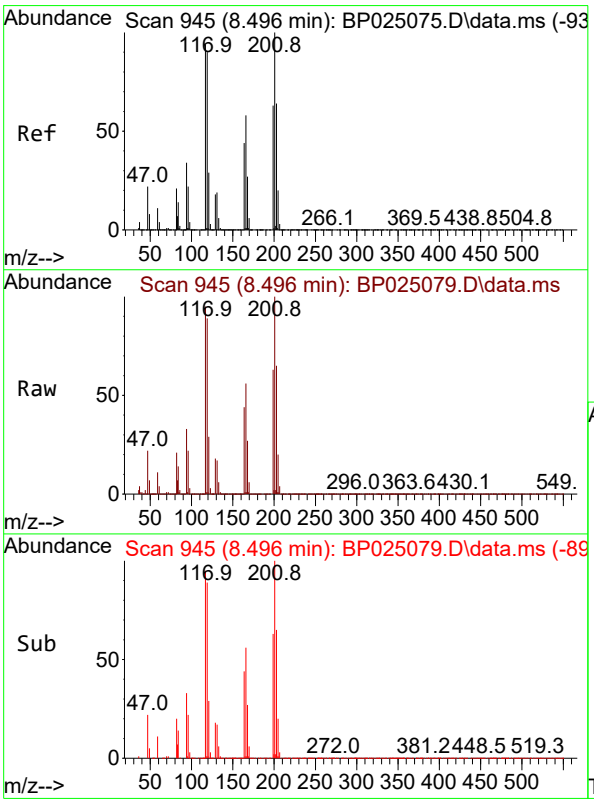
#17
2-Methylphenol
Concen: 40.721 ng
RT: 7.872 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:107 Resp: 786921

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.7	134.5
77	44.0	34.2	51.4
79	41.8	33.4	50.2

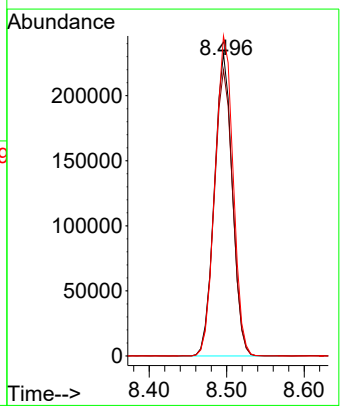


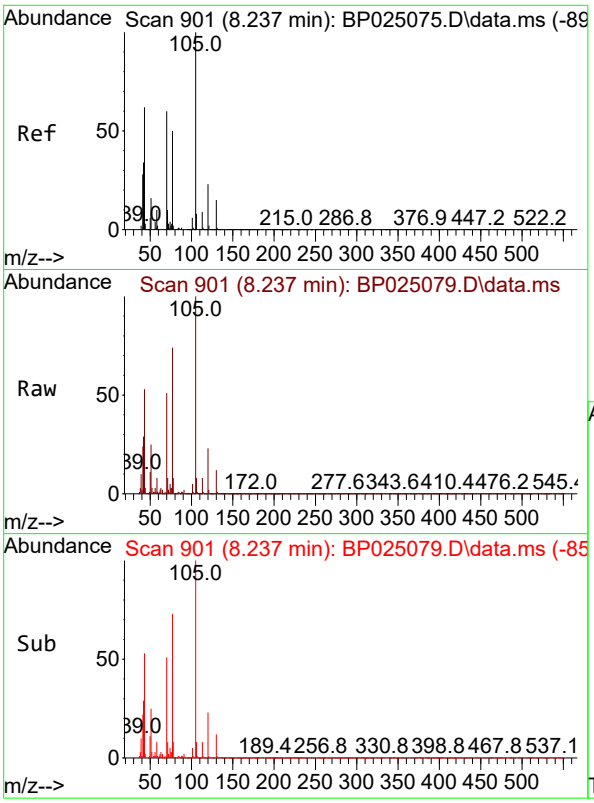


#18
Hexachloroethane
Concen: 40.115 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:117 Resp: 374849

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	115.0
201	105.8	85.4	128.2



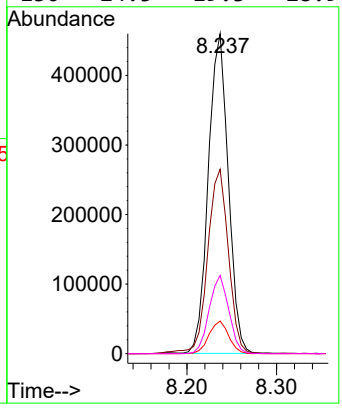


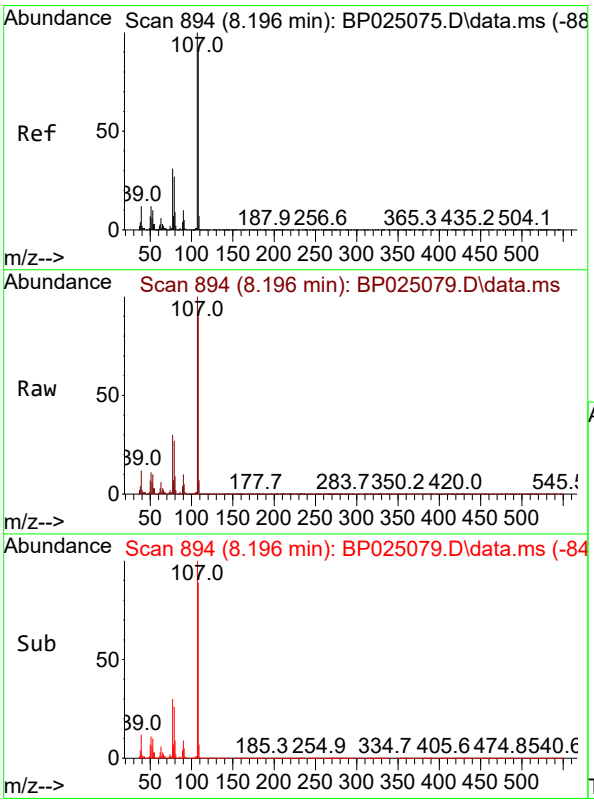
#19
n-Nitroso-di-n-propylamine
Concen: 40.521 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 70 Resp: 709521

Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.5	69.7
101	10.2	7.9	11.9
130	24.5	19.3	28.9

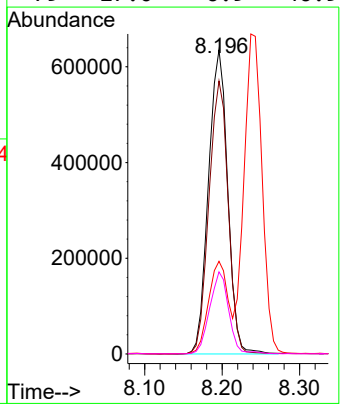


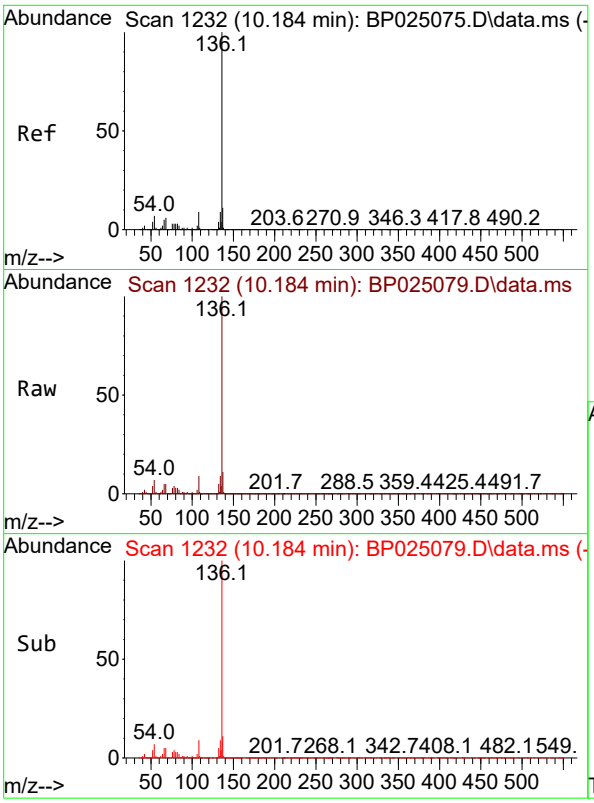


#20
3+4-Methylphenols
Concen: 40.415 ng
RT: 8.196 min Scan# 894
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1093973

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.5	109.5
77	30.5	11.4	51.4
79	27.0	6.9	46.9



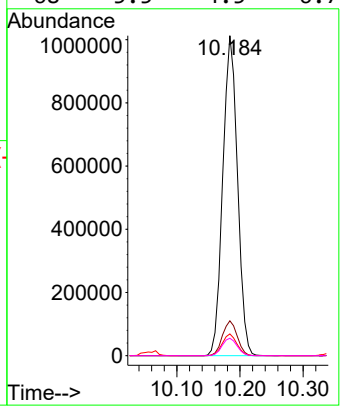


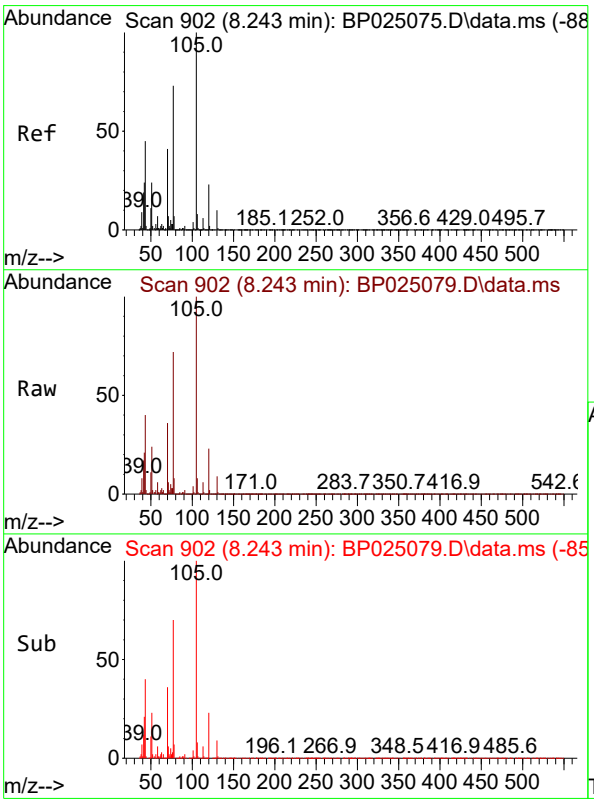
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:136 Resp: 1637601

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.5	6.7

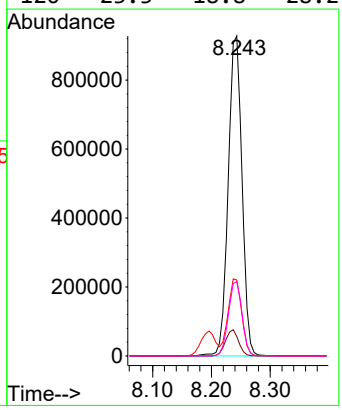


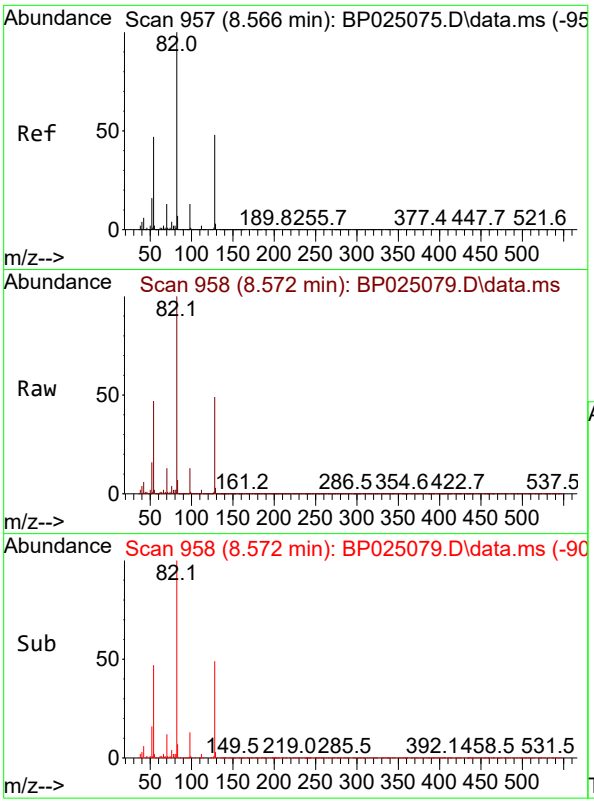


#22
Acetophenone
Concen: 38.992 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:105 Resp: 1510122

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.2
51	23.8	19.6	29.4
120	23.3	18.8	28.2



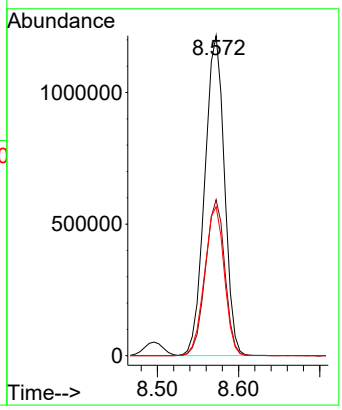


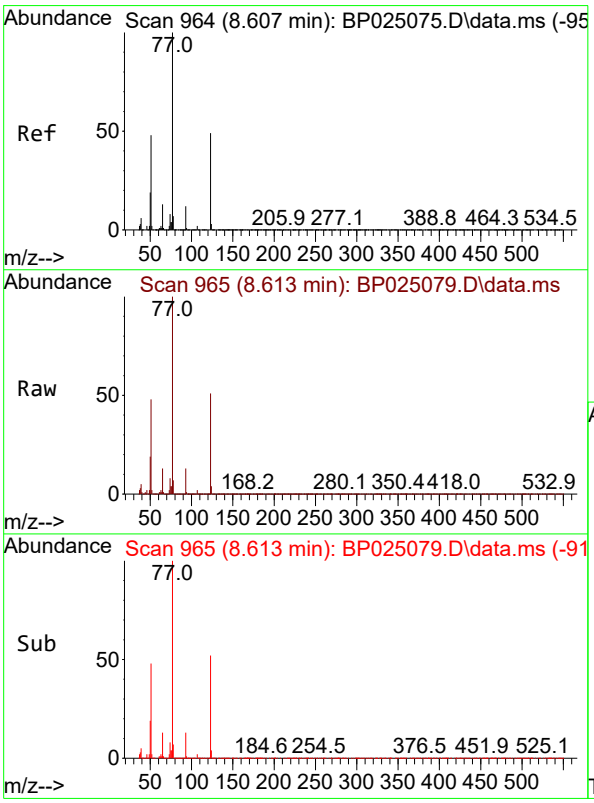
#23
Nitrobenzene-d5
Concen: 82.866 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 2040461

Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.4	57.6
54	46.6	37.8	56.6

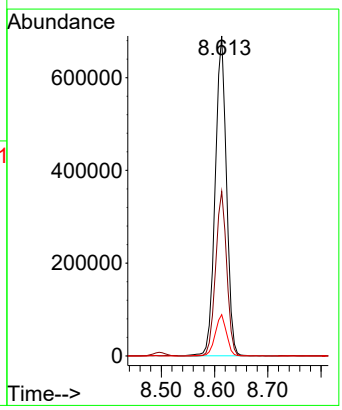


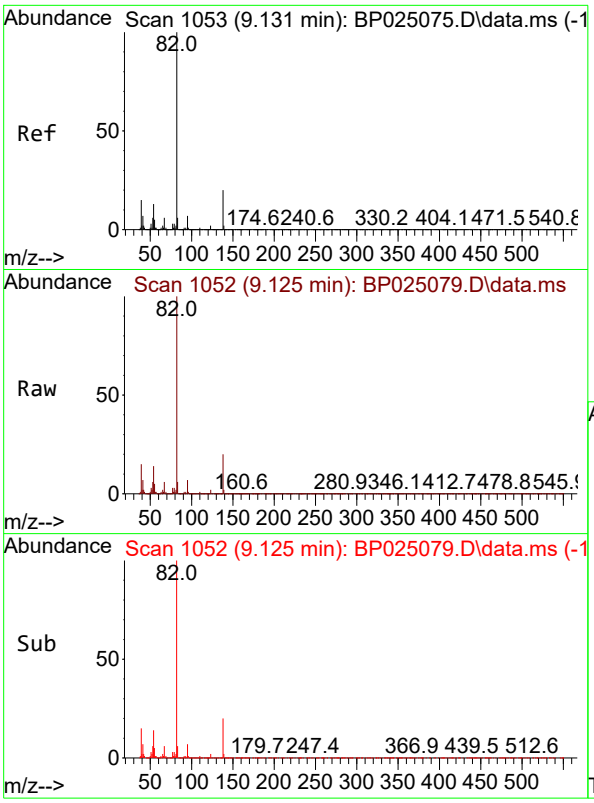


#24
Nitrobenzene
Concen: 40.369 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 77 Resp: 1012505

Ion	Ratio	Lower	Upper
77	100		
123	51.4	39.0	58.6
65	12.9	10.7	16.1



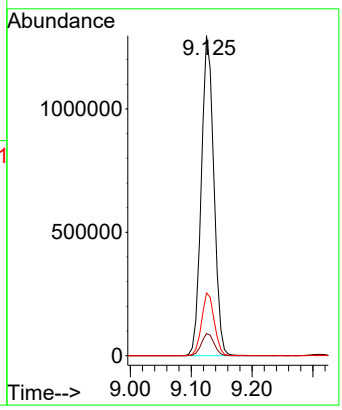


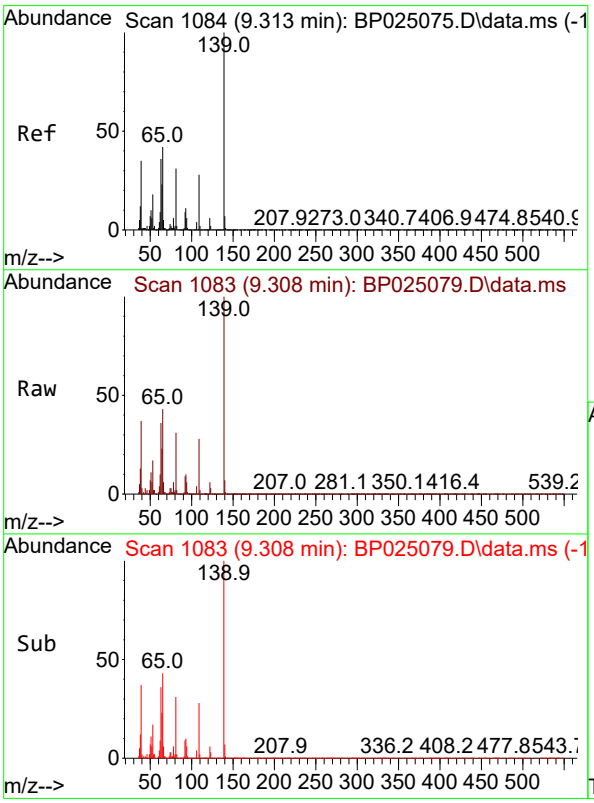
#25
Isophorone
Concen: 40.360 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 82 Resp: 1857268

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	19.6	15.7	23.5

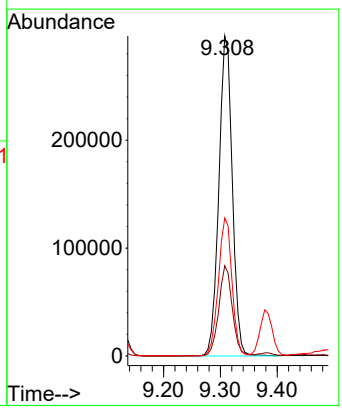


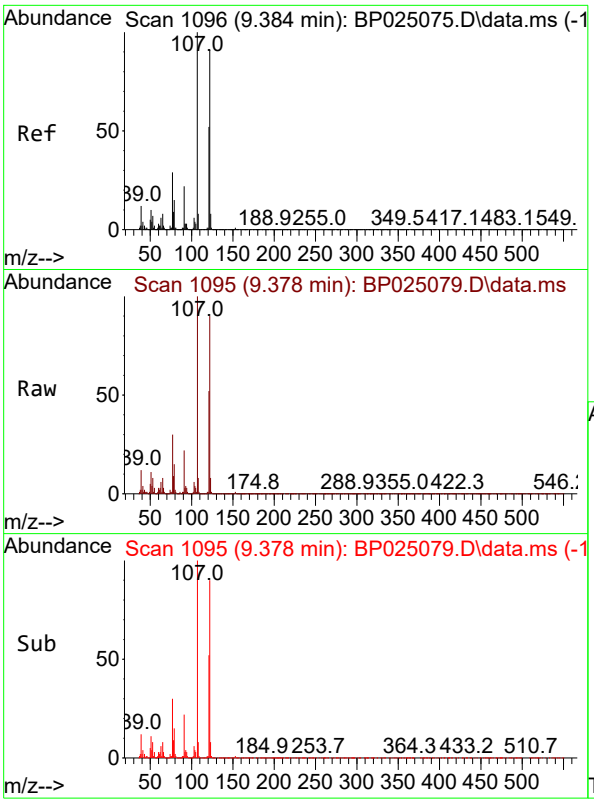


#26
2-Nitrophenol
Concen: 40.694 ng
RT: 9.308 min Scan# 1083
Delta R.T. -0.005 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 488721

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.3	33.5
65	43.1	33.8	50.8



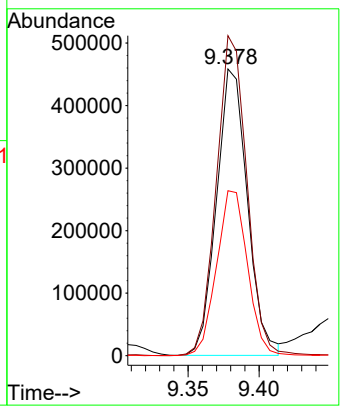


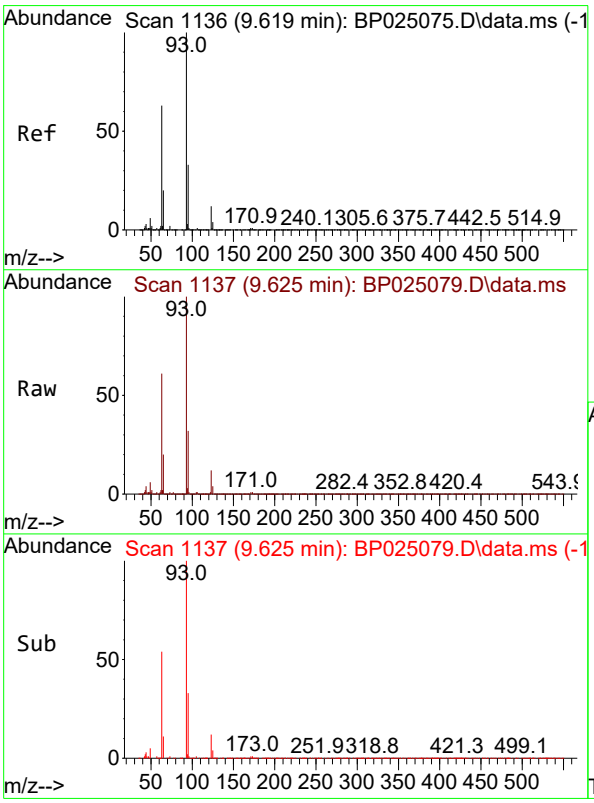
#27
2,4-Dimethylphenol
Concen: 40.332 ng
RT: 9.378 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:122 Resp: 692324

Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.2	132.2
121	57.5	46.1	69.1

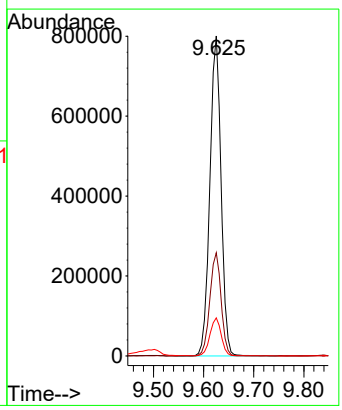


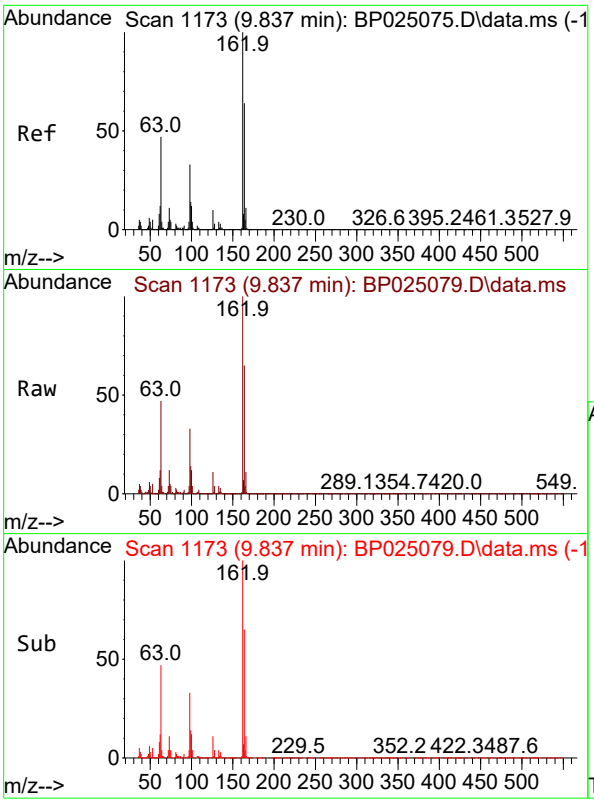


#28
bis(2-Chloroethoxy)methane
Concen: 39.567 ng
RT: 9.625 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 93 Resp: 1236294

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.9	10.1	15.1



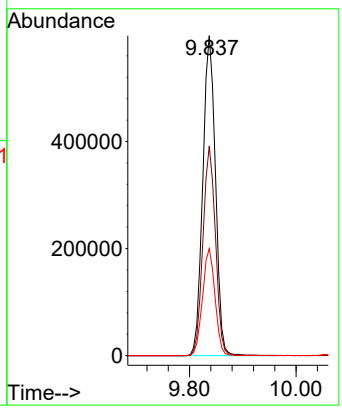


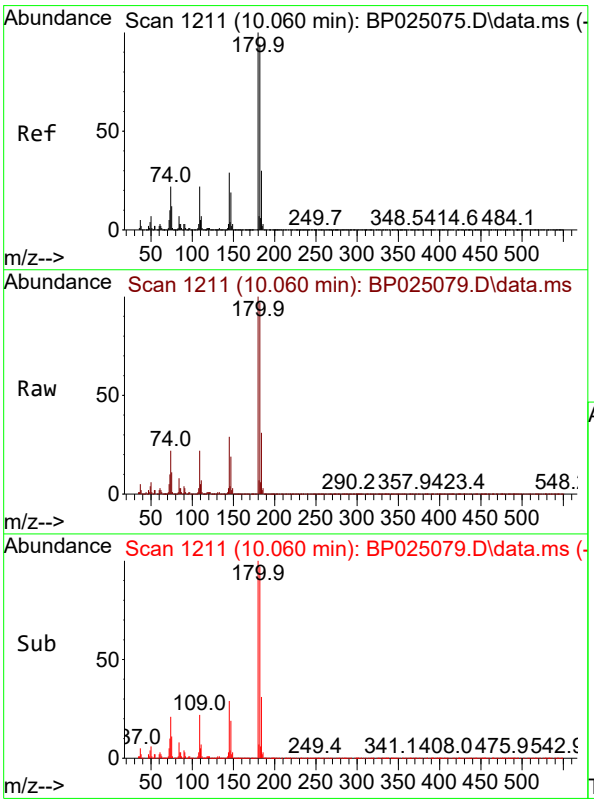
#29
2,4-Dichlorophenol
Concen: 41.412 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 985707

Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	33.4	13.1	53.1

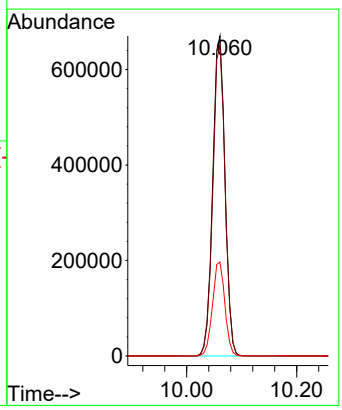


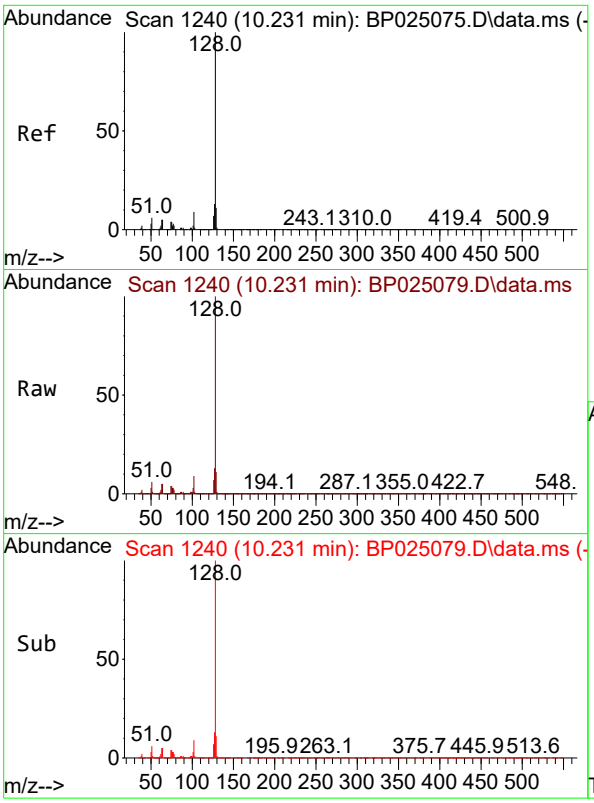


#30
1,2,4-Trichlorobenzene
Concen: 39.571 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:180 Resp: 1043043

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.1	112.7
145	29.4	23.3	34.9



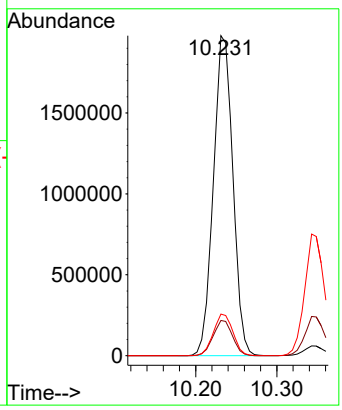


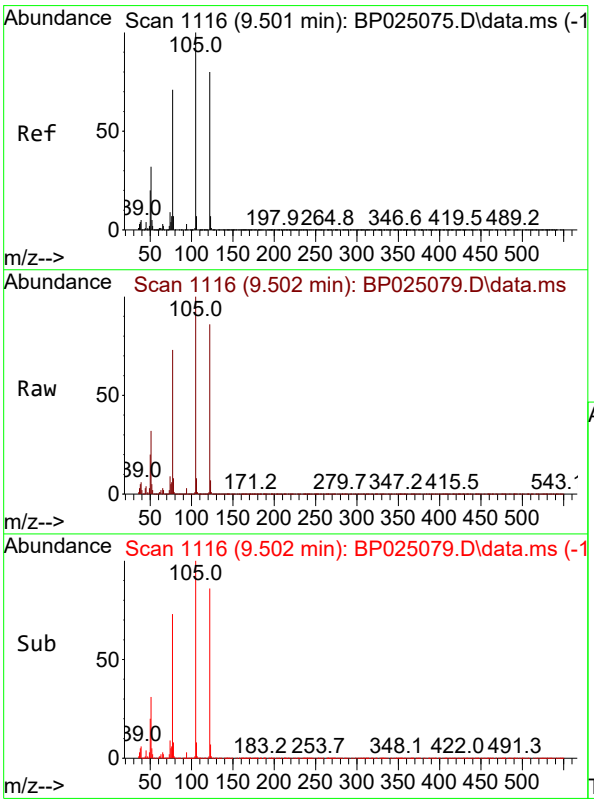
#31
Naphthalene
Concen: 39.170 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:128 Resp: 3302943

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

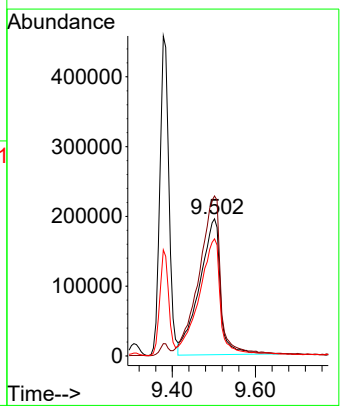


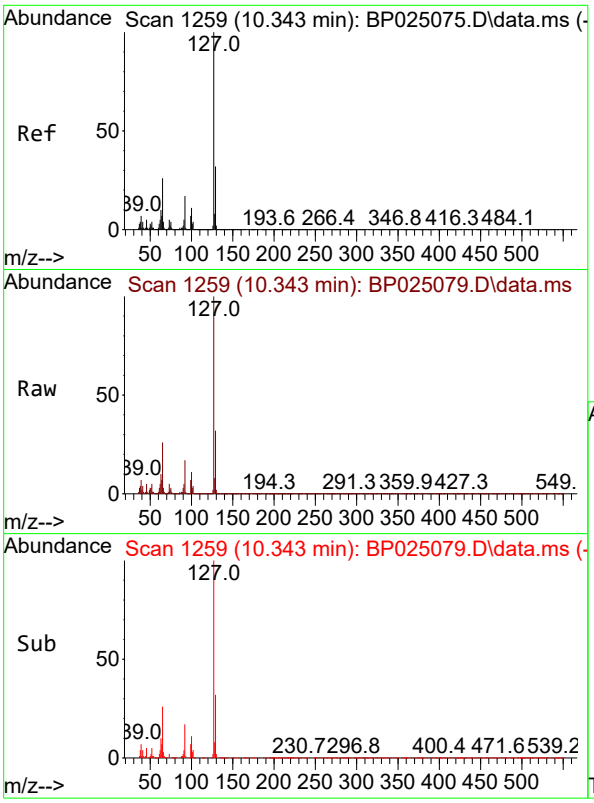


#32
Benzoic acid
Concen: 40.952 ng
RT: 9.502 min Scan# 1116
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:122 Resp: 684343

Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.0	141.0
77	85.5	67.6	107.6



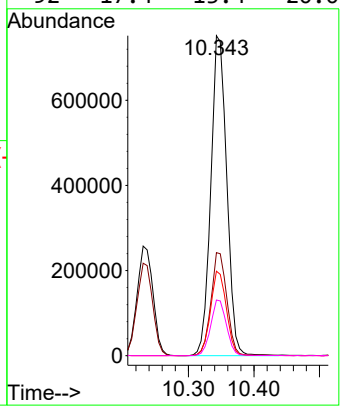


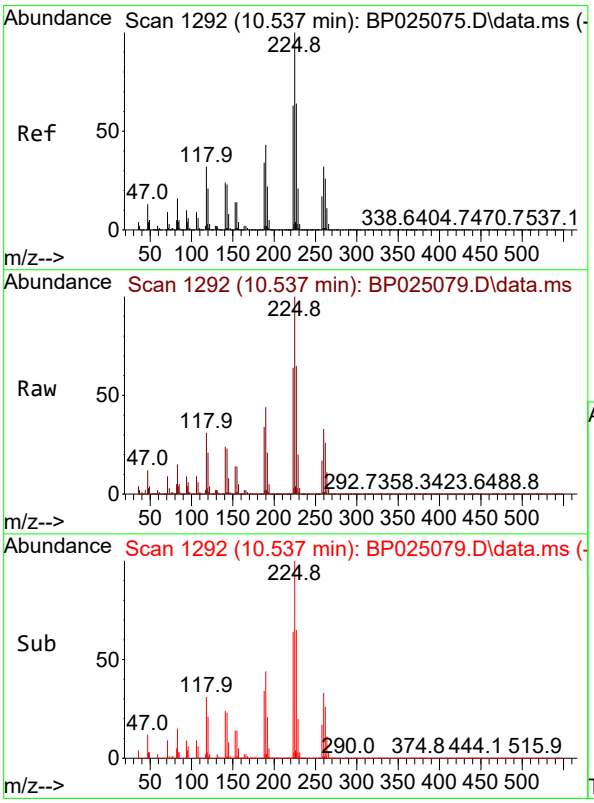
#33
4-Chloroaniline
Concen: 40.229 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:127 Resp: 1265959

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	26.4	21.0	31.6
92	17.4	13.4	20.0

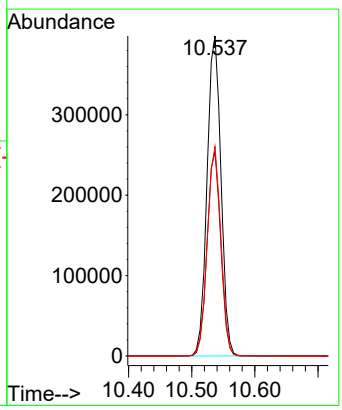


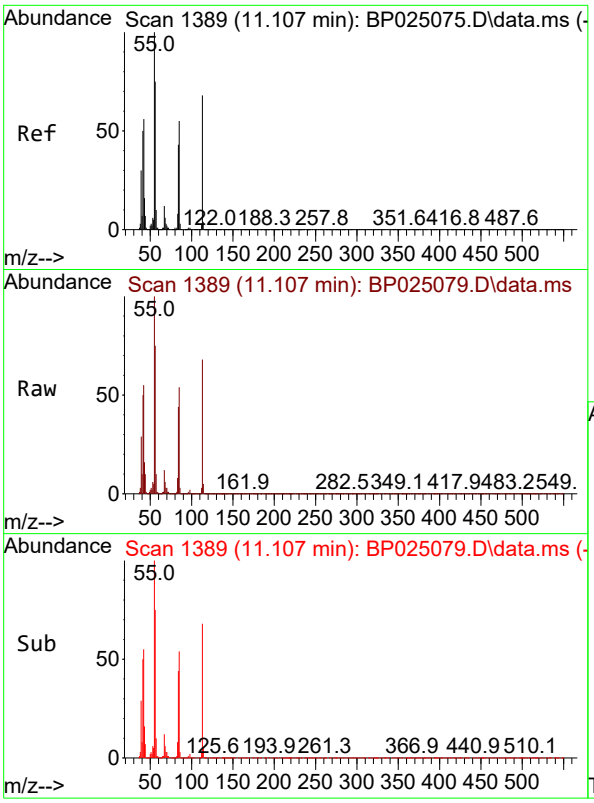


#34
Hexachlorobutadiene
Concen: 40.154 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:225 Resp: 607380

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	65.5	51.3	76.9



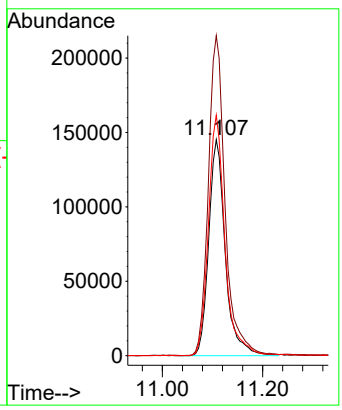


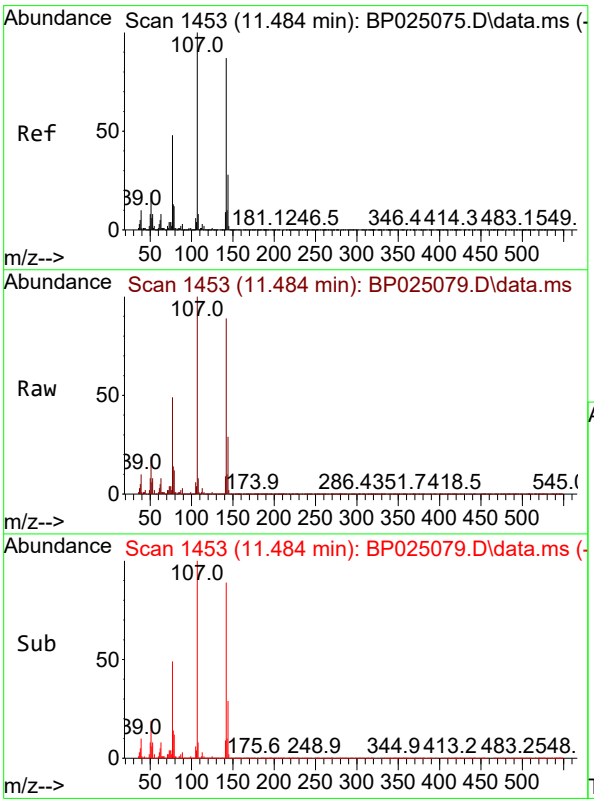
#35
Caprolactam
Concen: 40.864 ng
RT: 11.107 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:113 Resp: 332744

Ion	Ratio	Lower	Upper
113	100		
55	148.1	128.1	168.1
56	111.3	90.7	130.7

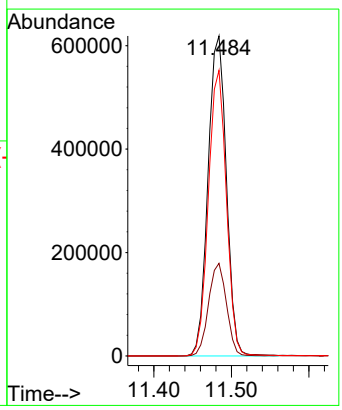


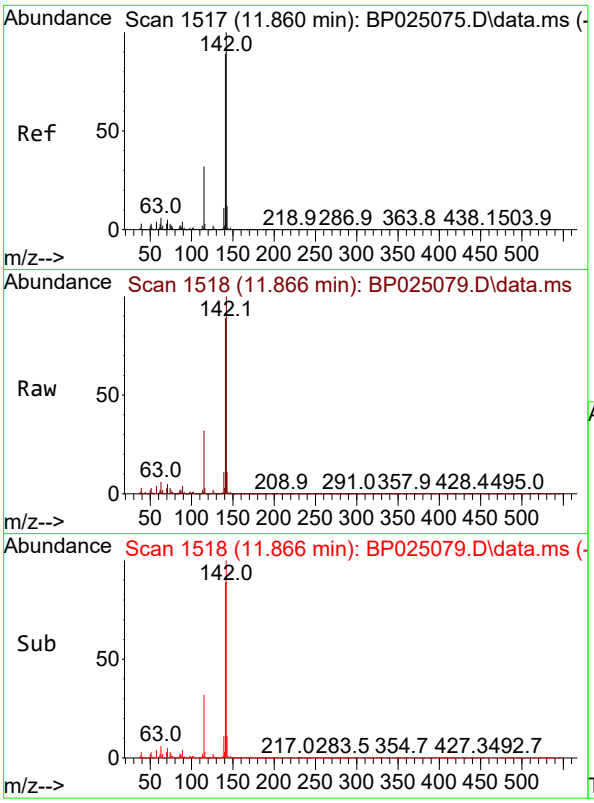


#36
4-Chloro-3-methylphenol
Concen: 40.967 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:107 Resp: 1018998

Ion	Ratio	Lower	Upper
107	100		
144	29.0	22.4	33.6
142	89.3	69.6	104.4



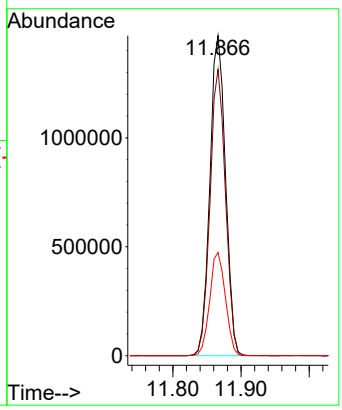


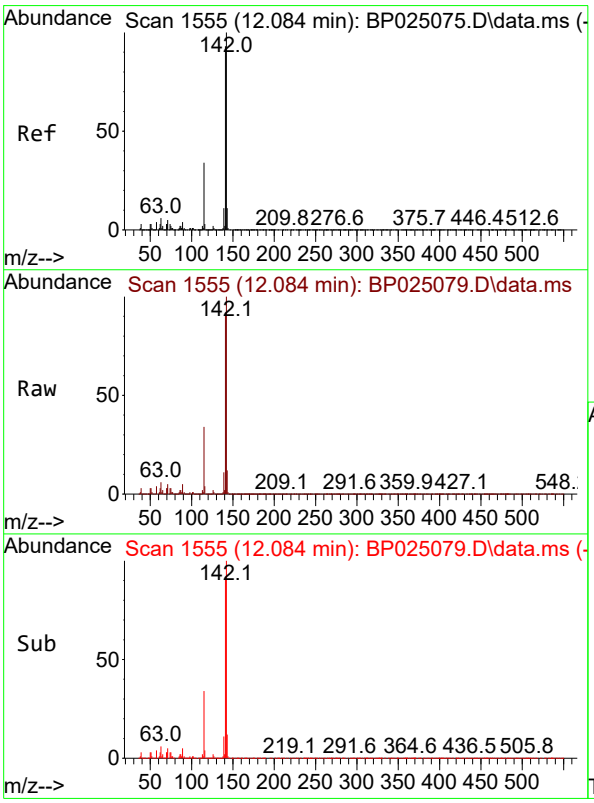
#37
2-Methylnaphthalene
Concen: 39.345 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:142 Resp: 2340864

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	32.3	25.9	38.9

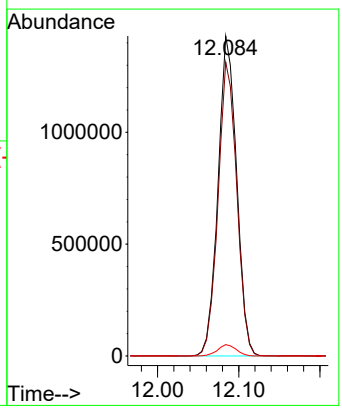


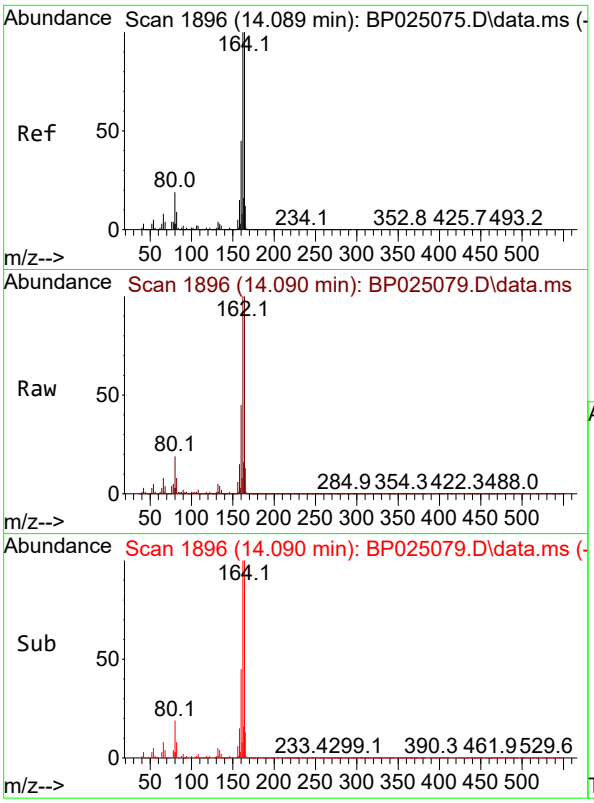


#38
1-Methylnaphthalene
Concen: 39.301 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:142 Resp: 2280444

Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.1	111.1
116	3.5	2.7	4.1



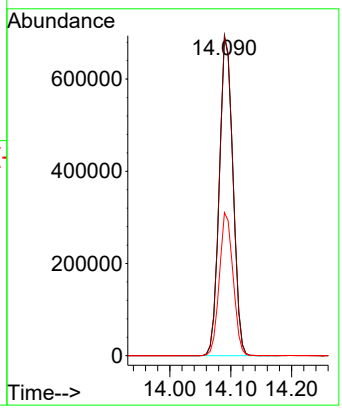


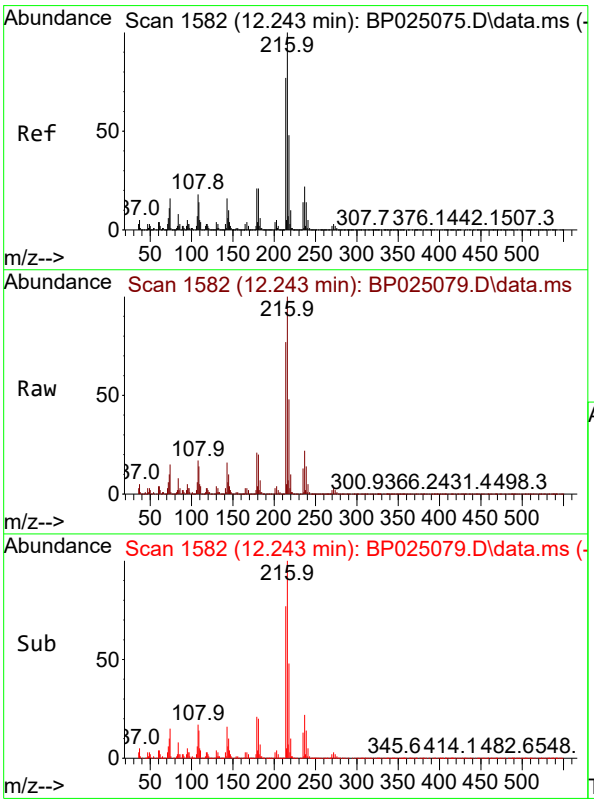
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.090 min Scan# 1
Delta R.T. 0.001 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:164 Resp: 1071158

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.8	35.9	53.9

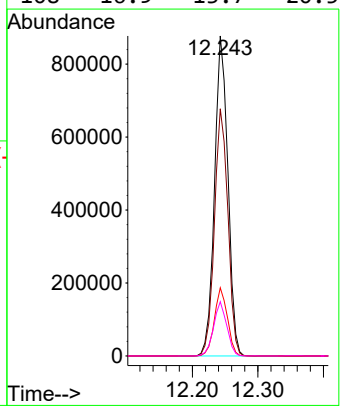


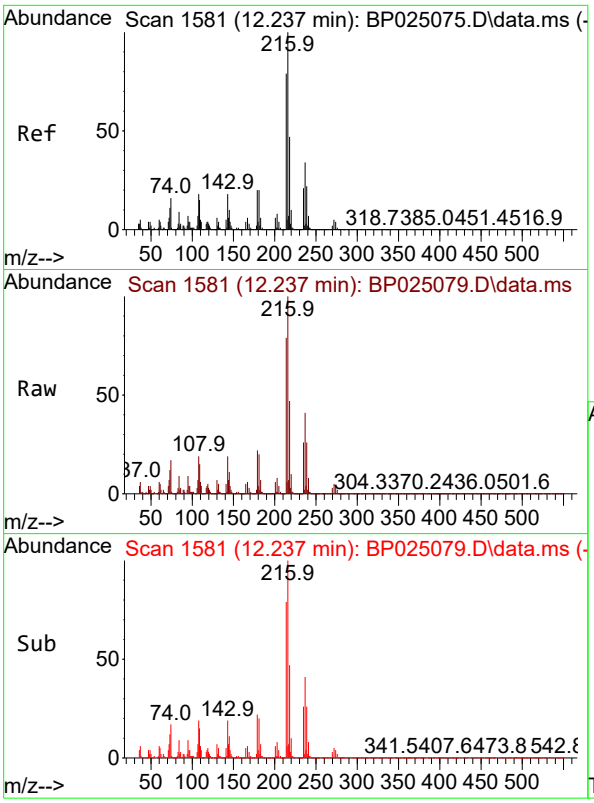


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.072 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:216 Resp: 1233612

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.8	16.5	24.7
108	16.9	13.7	20.5



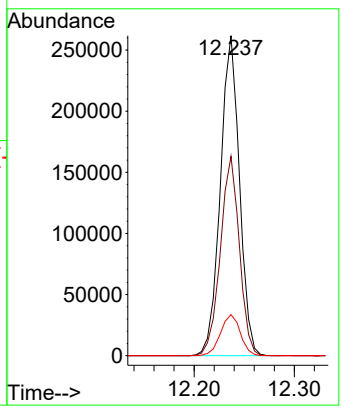


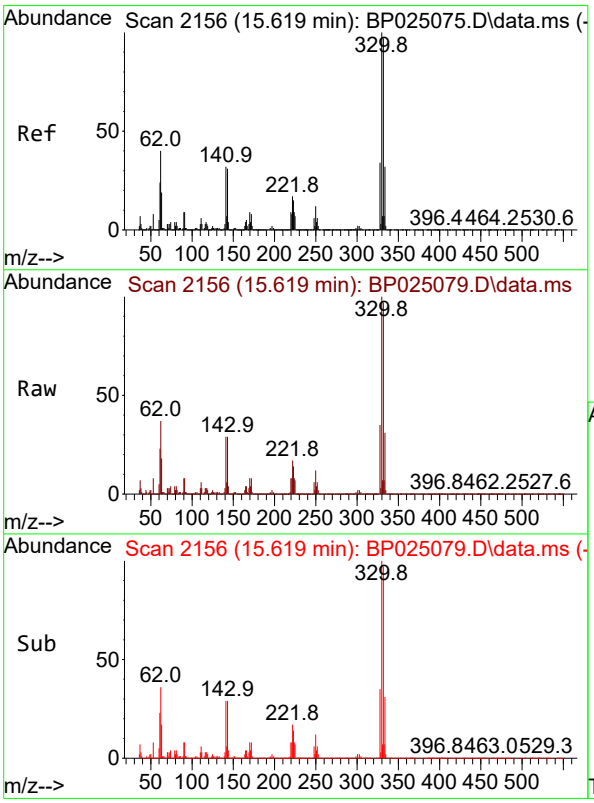
#41
Hexachlorocyclopentadiene
Concen: 42.989 ng
RT: 12.237 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:237 Resp: 345683

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.6	81.6
272	12.9	0.0	33.6

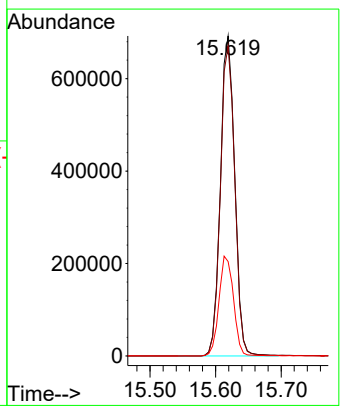


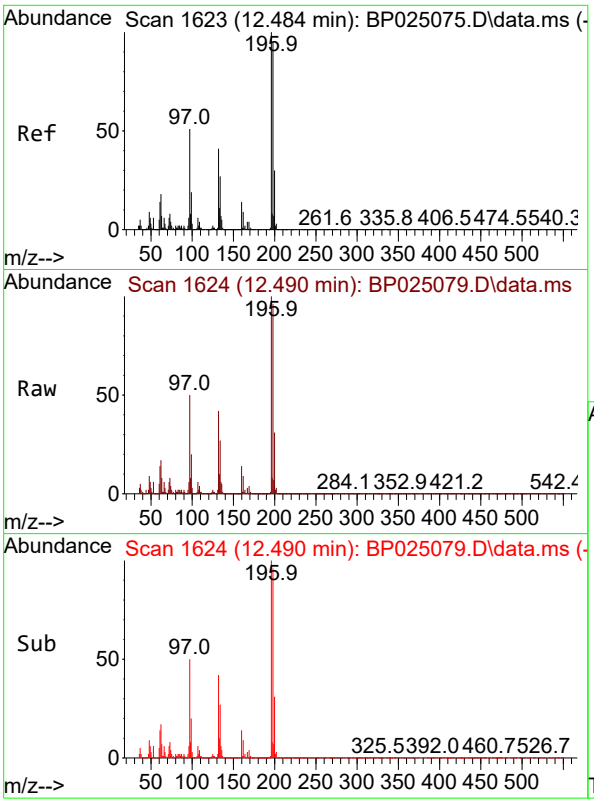


#42
2,4,6-Tribromophenol
Concen: 82.624 ng
RT: 15.619 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:330 Resp: 1045523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	31.7	26.0	39.0



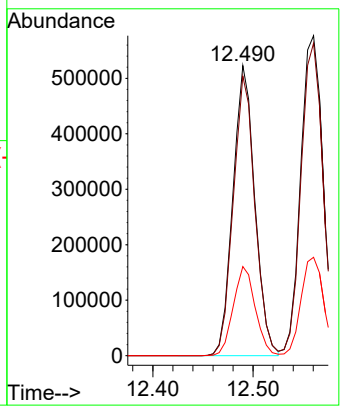


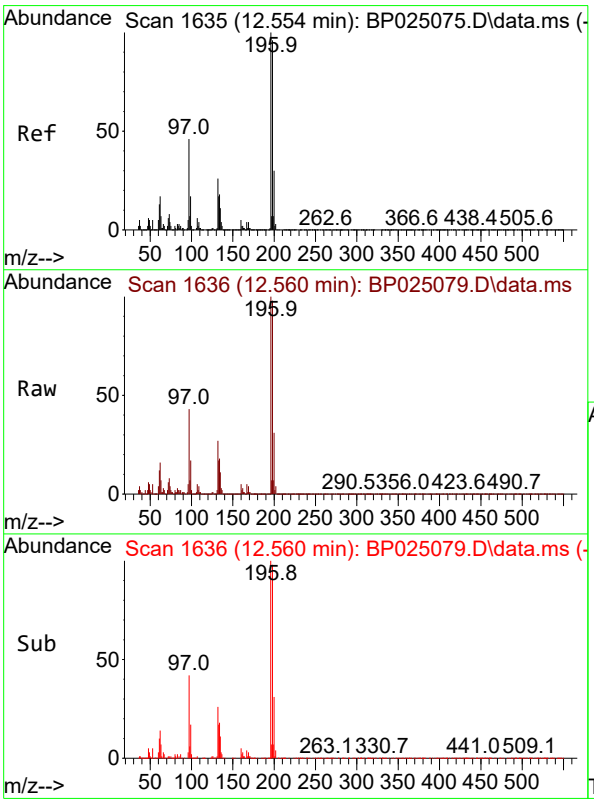
#43
2,4,6-Trichlorophenol
Concen: 42.646 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:196 Resp: 794957

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.2	114.2
200	30.7	24.3	36.5

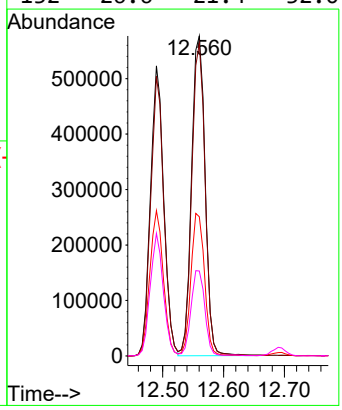


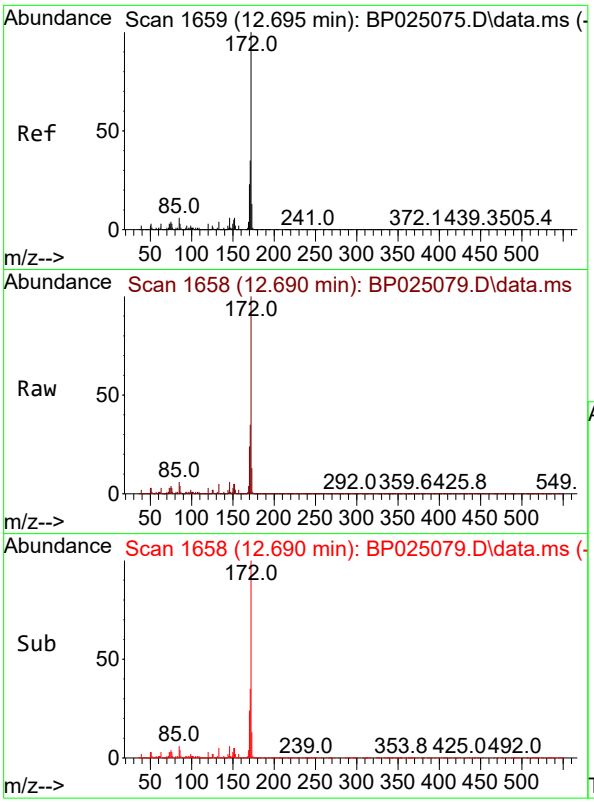


#44
2,4,5-Trichlorophenol
Concen: 42.335 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:196 Resp: 894337

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
97	43.5	36.6	55.0
132	26.6	21.4	32.0



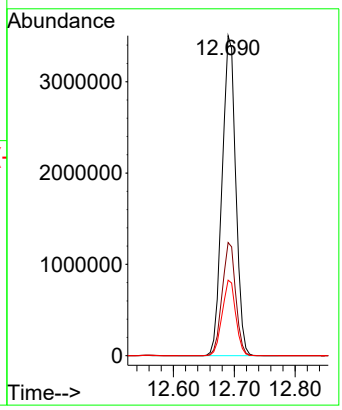


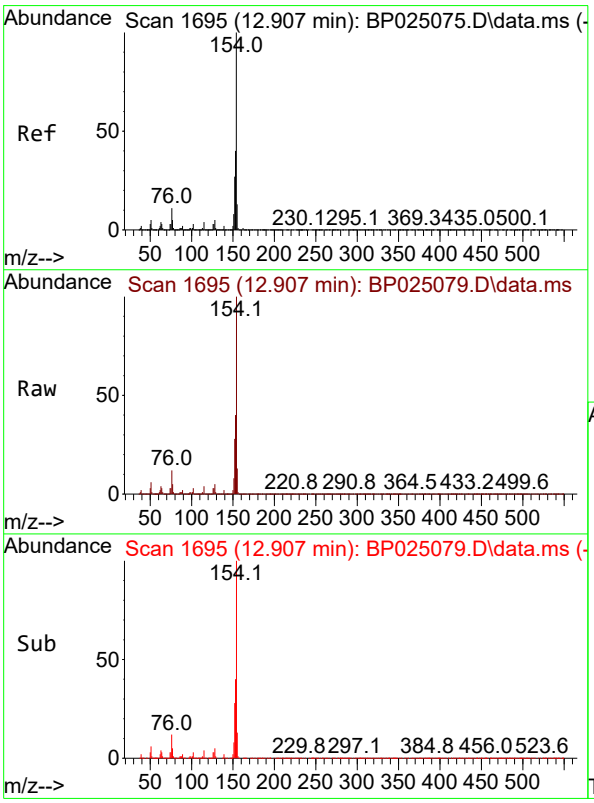
#45
2-Fluorobiphenyl
Concen: 78.712 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:172 Resp: 5442492

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1

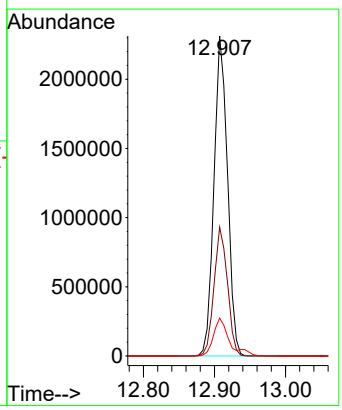


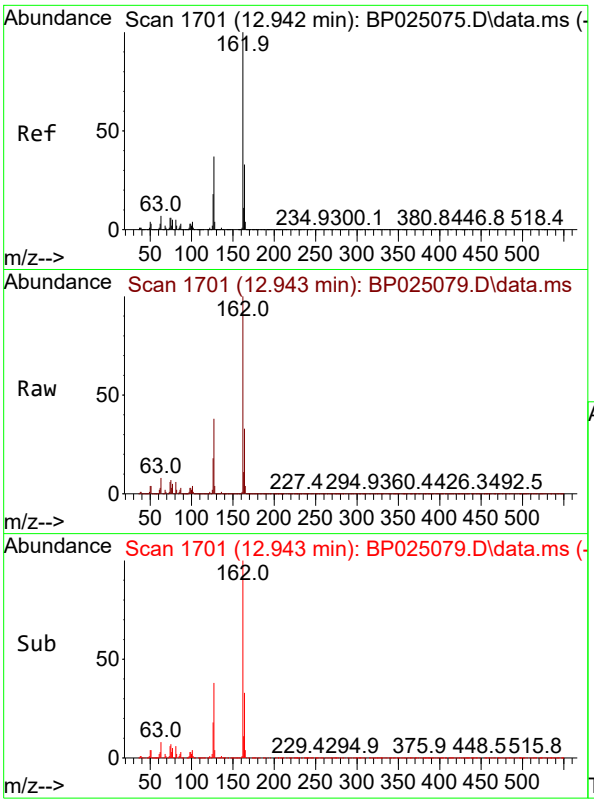


#46
1,1'-Biphenyl
Concen: 39.032 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 3042013

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.2	60.2
76	11.9	0.0	31.5



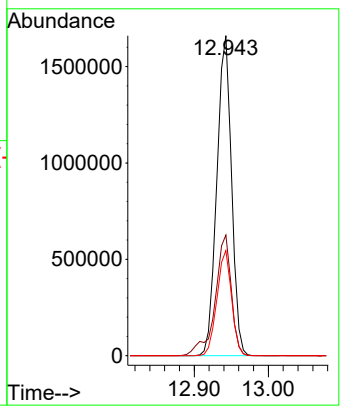


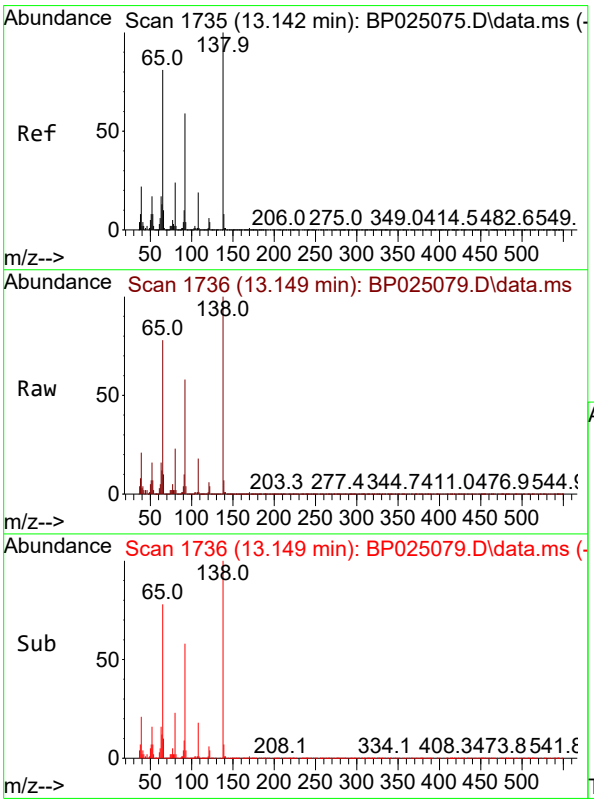
#47
2-Chloronaphthalene
Concen: 39.210 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:162 Resp: 2296829

Ion	Ratio	Lower	Upper
162	100		
127	37.7	29.4	44.2
164	32.9	26.4	39.6

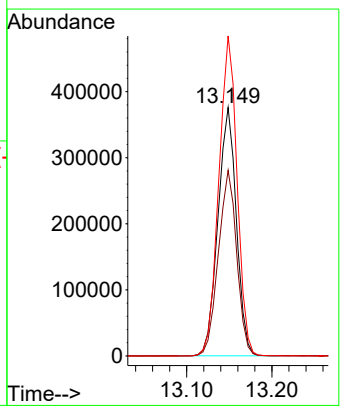


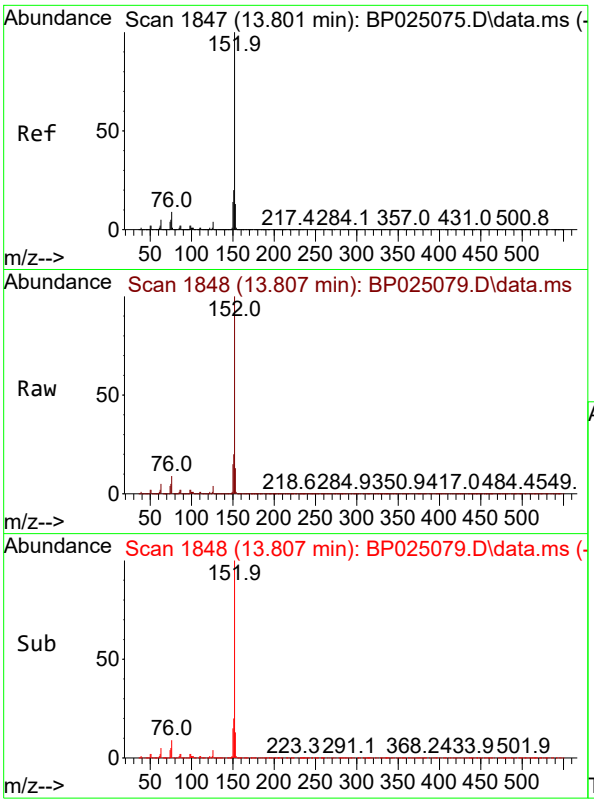


#48
2-Nitroaniline
Concen: 39.894 ng
RT: 13.149 min Scan# 1736
Delta R.T. 0.007 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion: 65 Resp: 565340

Ion	Ratio	Lower	Upper
65	100		
92	74.7	58.7	88.1
138	128.8	99.0	148.4



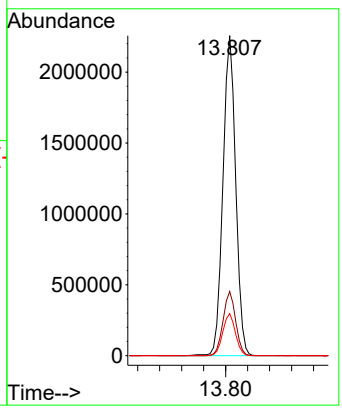


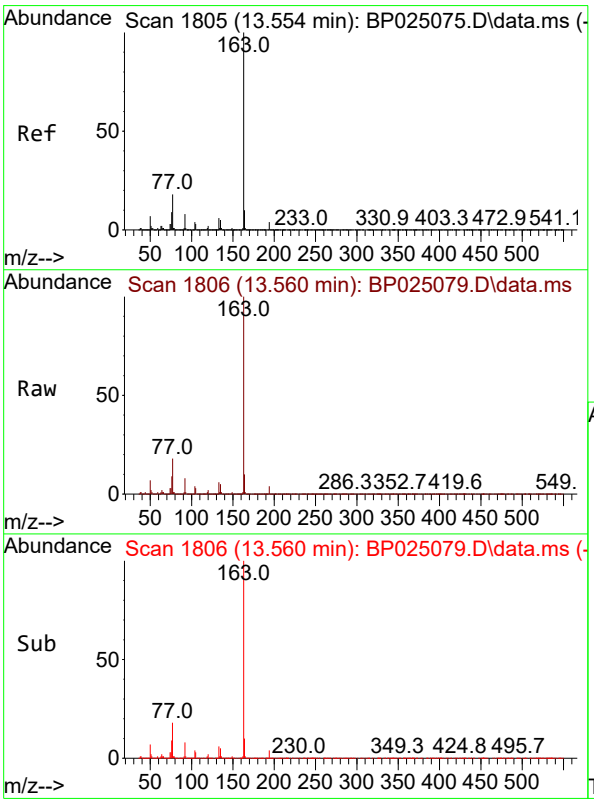
#49
Acenaphthylene
Concen: 40.431 ng
RT: 13.807 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:152 Resp: 3624825

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.2	10.7	16.1

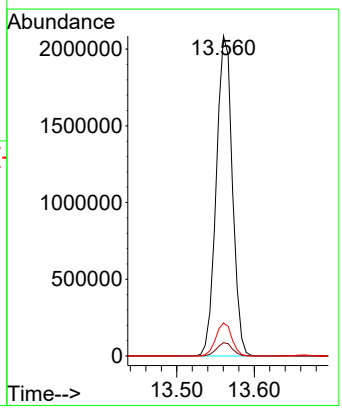


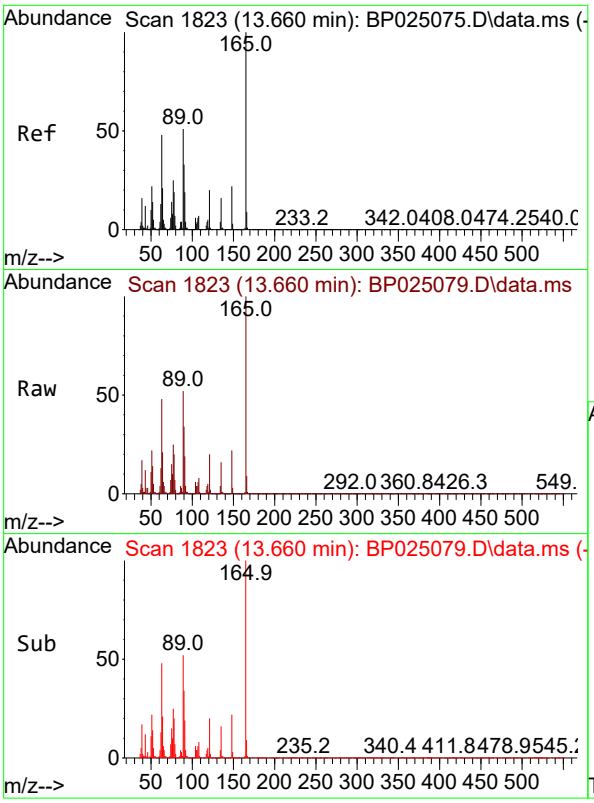


#50
Dimethylphthalate
Concen: 40.131 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:163 Resp: 3009077

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.0	12.0



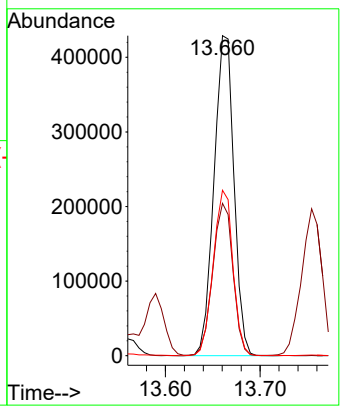


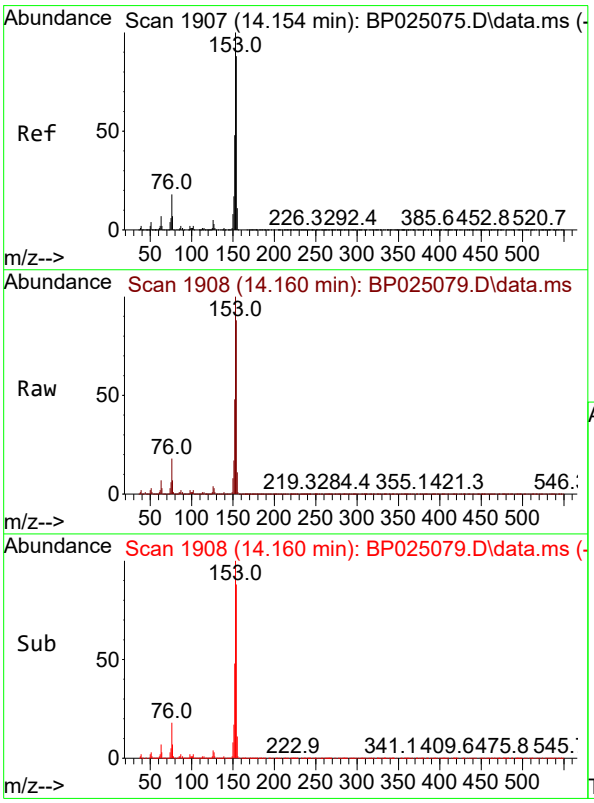
#51
2,6-Dinitrotoluene
Concen: 42.919 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 627637

Ion	Ratio	Lower	Upper
165	100		
63	47.6	38.5	57.7
89	51.7	40.6	61.0

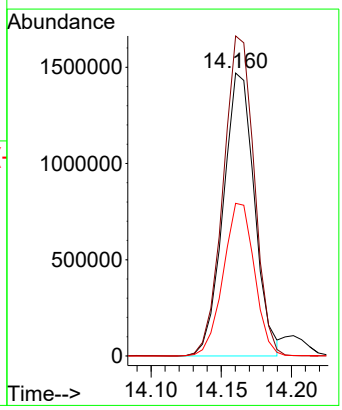


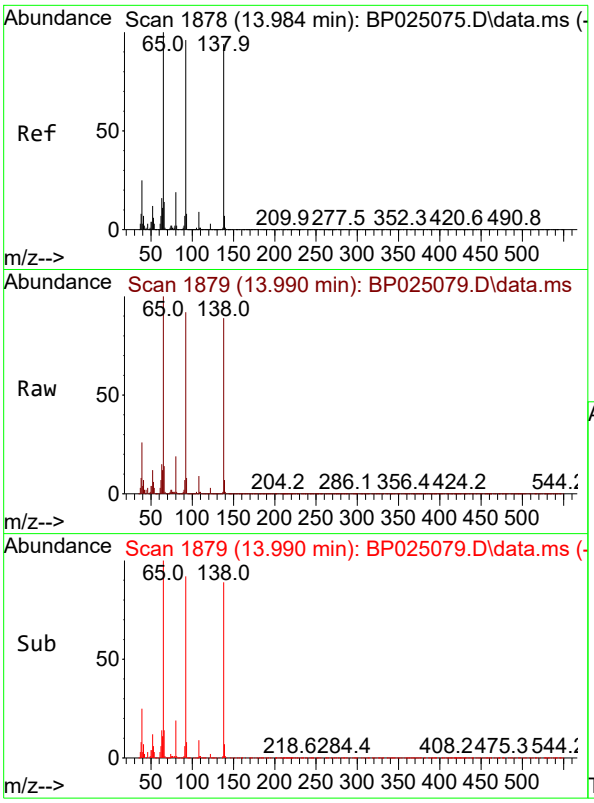


#52
Acenaphthene
Concen: 39.318 ng m
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:154 Resp: 2271995

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.6	136.0
152	54.0	43.8	65.8



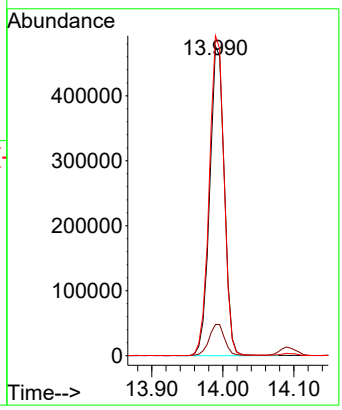


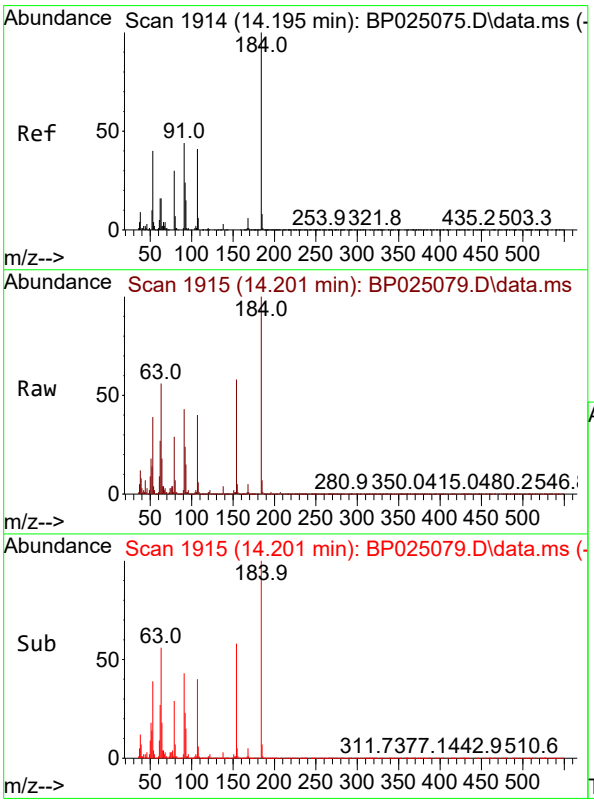
#53
3-Nitroaniline
Concen: 43.418 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:138 Resp: 680440

Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.8
92	103.4	81.0	121.4

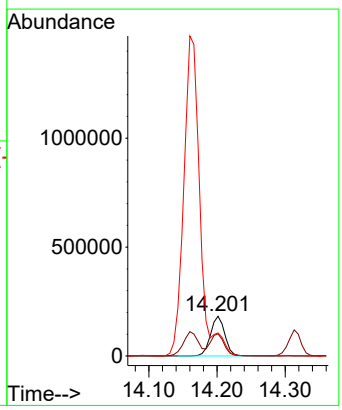


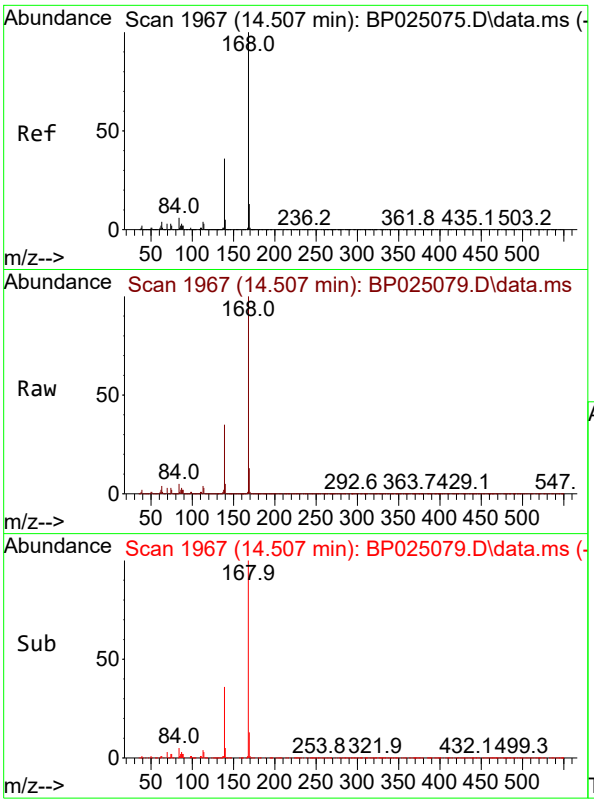


#54
2,4-Dinitrophenol
Concen: 40.066 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:184 Resp: 265751

Ion	Ratio	Lower	Upper
184	100		
63	56.1	47.4	71.0
154	58.1	47.8	71.8



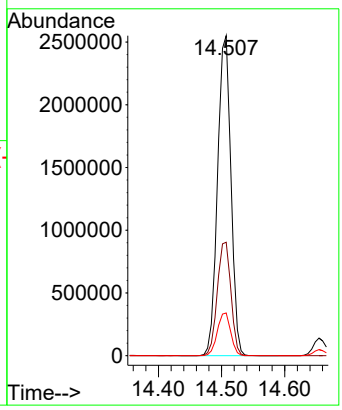


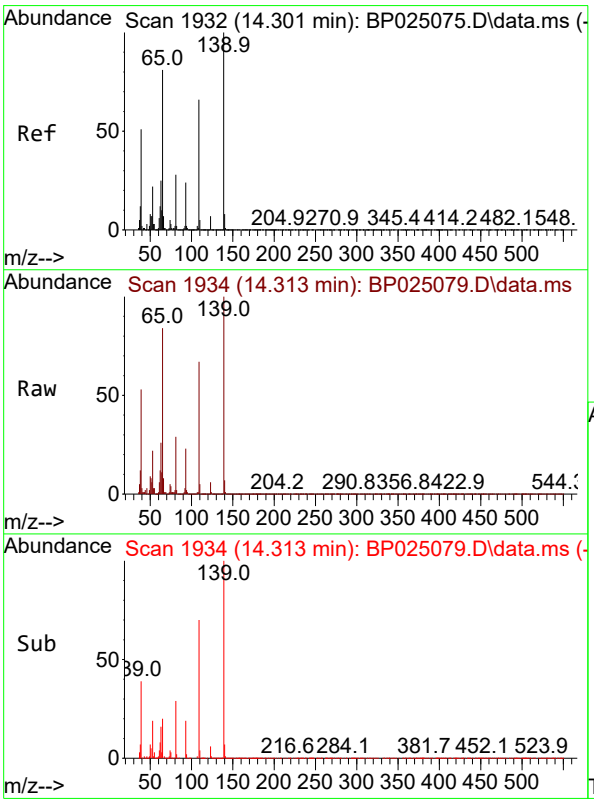
#55
Dibenzofuran
Concen: 39.220 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:168 Resp: 3740234

Ion	Ratio	Lower	Upper
168	100		
139	35.5	28.6	43.0
169	13.4	10.7	16.1

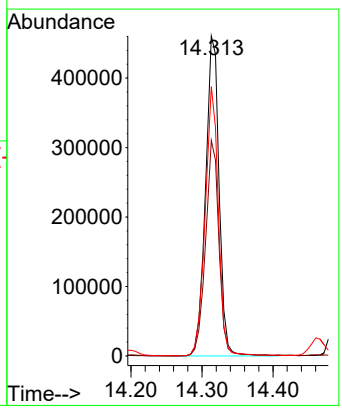


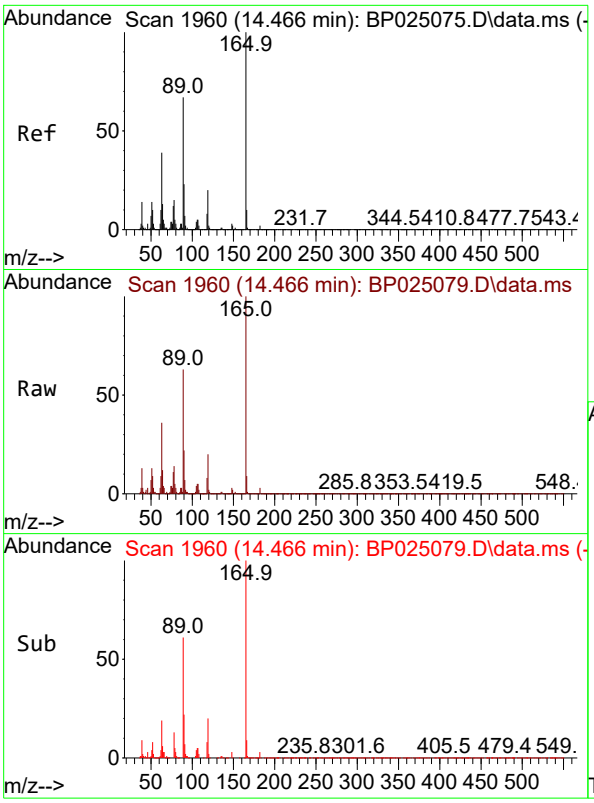


#56
4-Nitrophenol
Concen: 42.369 ng
RT: 14.313 min Scan# 1934
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:139 Resp: 612774

Ion	Ratio	Lower	Upper
139	100		
109	67.3	45.9	85.9
65	84.2	61.4	101.4



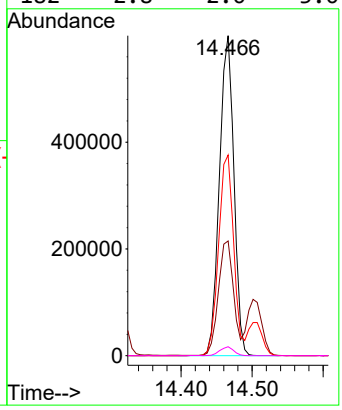


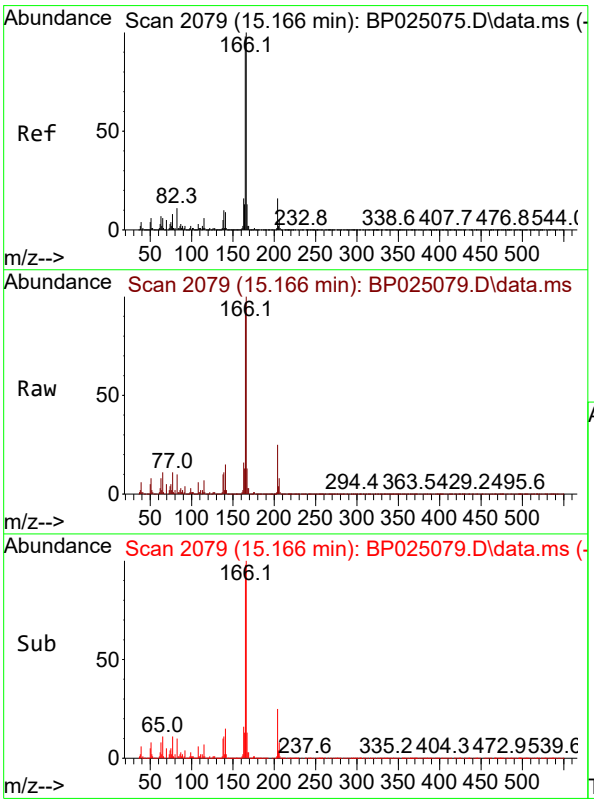
#57
2,4-Dinitrotoluene
Concen: 39.932 ng
RT: 14.466 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:165 Resp: 846954

Ion	Ratio	Lower	Upper
165	100		
63	35.8	31.0	46.4
89	62.7	53.4	80.0
182	2.8	2.0	3.0

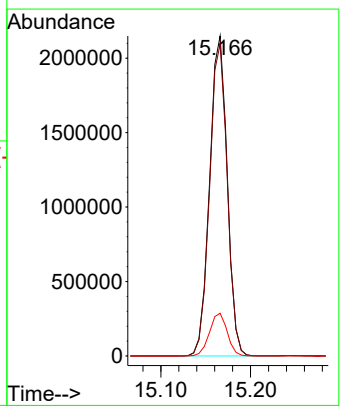


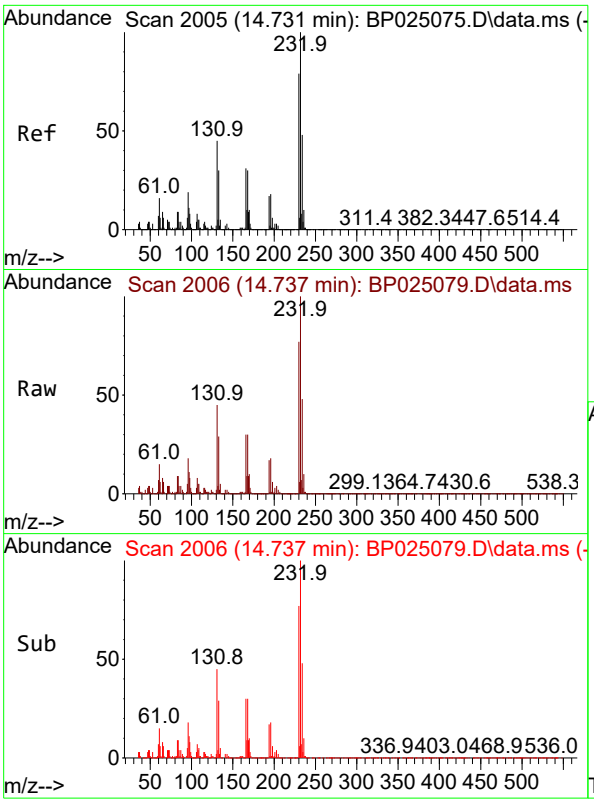


#58
Fluorene
Concen: 39.662 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:166 Resp: 2925541

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.3	10.7	16.1



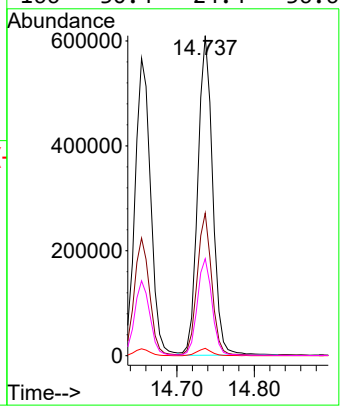


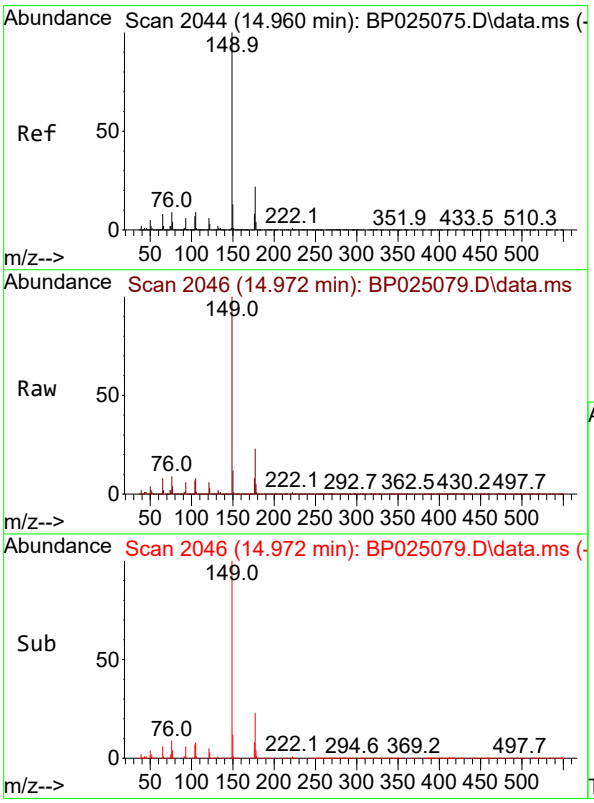
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.414 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:232 Resp: 811401

Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.7	53.5
130	2.2	1.8	2.6
166	30.4	24.4	36.6

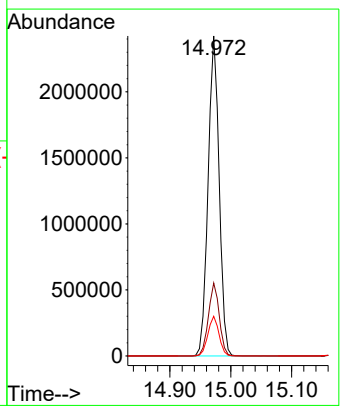


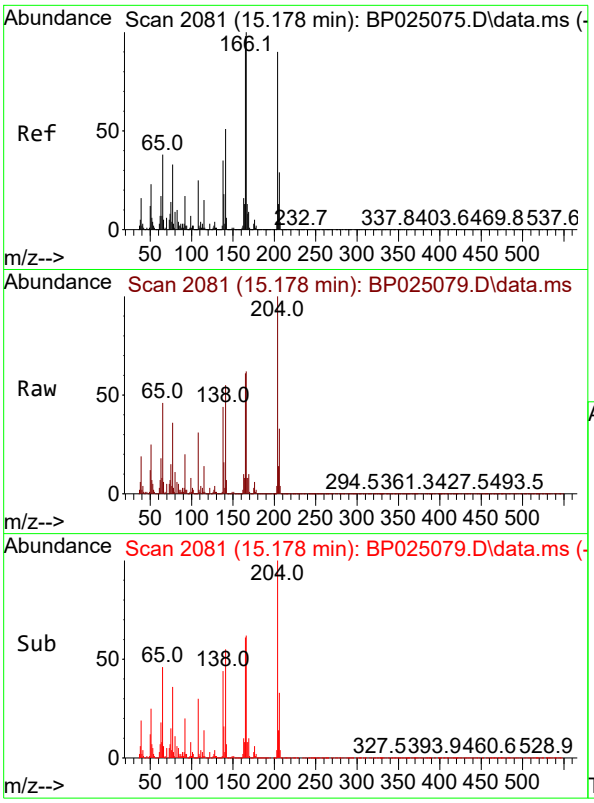


#60
Diethylphthalate
Concen: 40.587 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3056611

Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.8	26.8
150	12.4	10.2	15.2



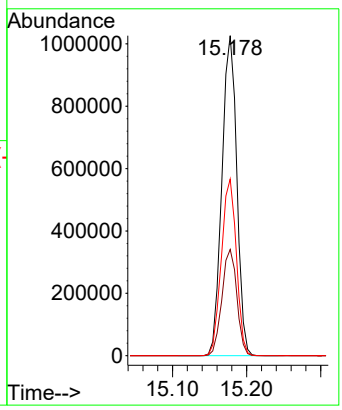


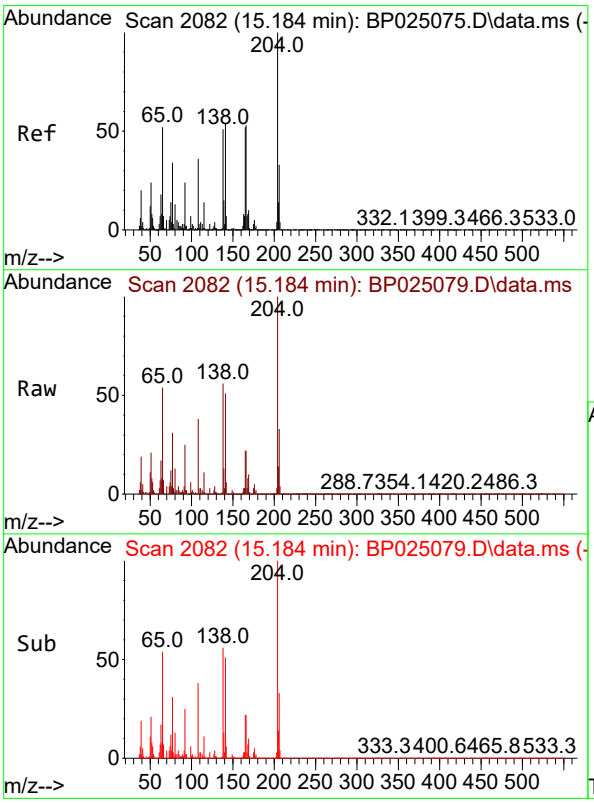
#61
4-Chlorophenyl-phenylether
Concen: 39.198 ng
RT: 15.178 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:204 Resp: 1430883

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7

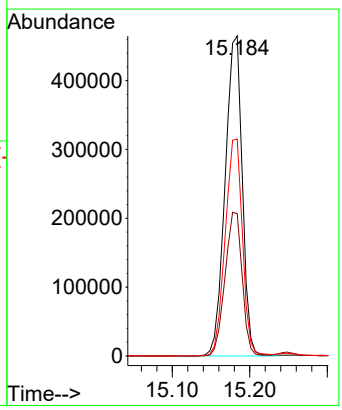


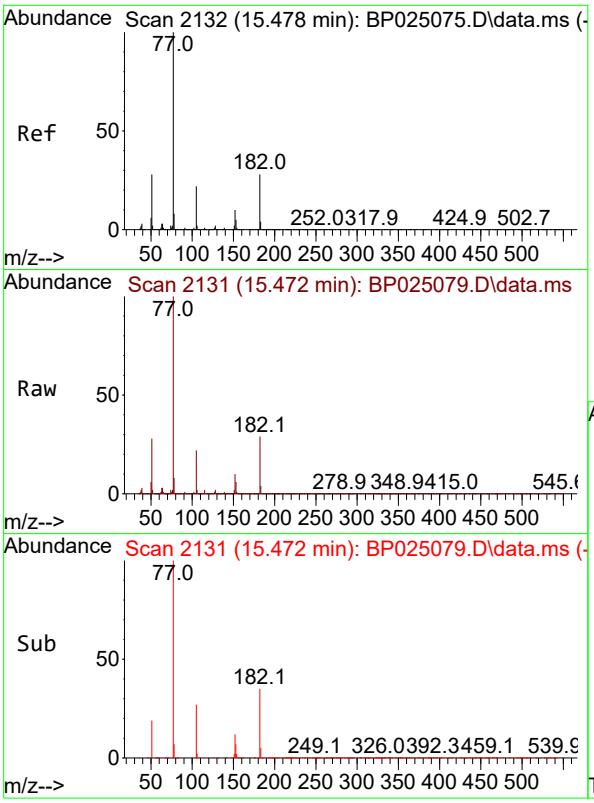


#62
4-Nitroaniline
Concen: 43.550 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:138 Resp: 715671

Ion	Ratio	Lower	Upper
138	100		
92	44.5	26.0	66.0
108	67.8	50.0	90.0



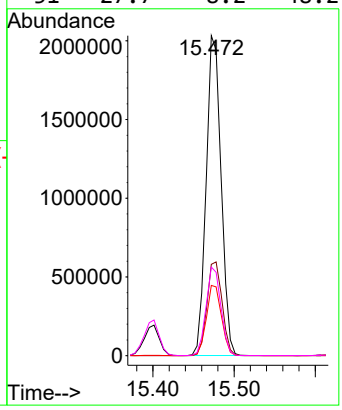


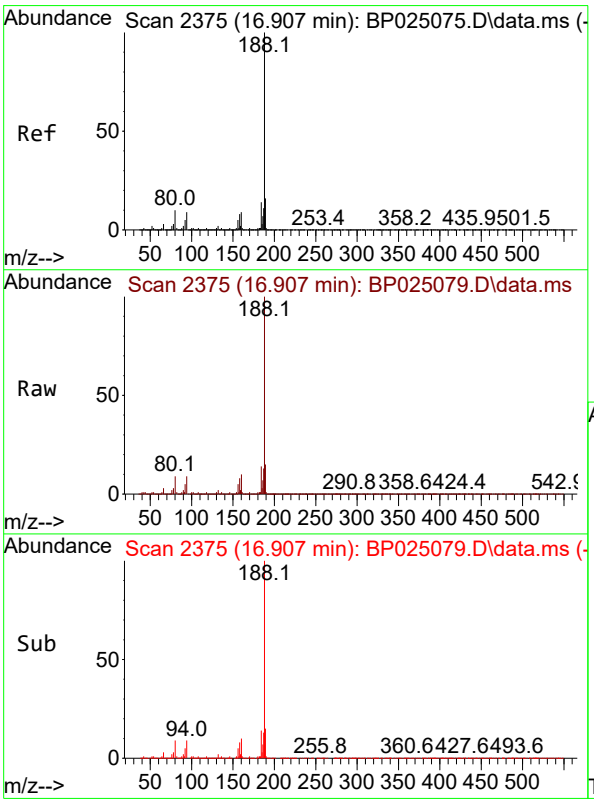
#63
Azobenzene
Concen: 38.583 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion: 77 Resp: 2587410

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.7	47.7
105	22.0	1.9	41.9
51	27.7	8.2	48.2

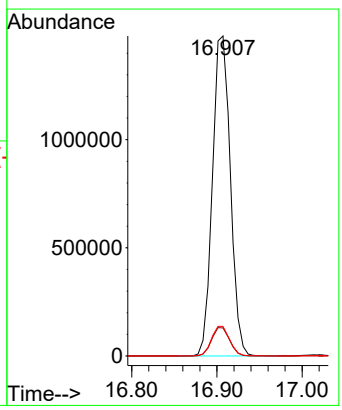


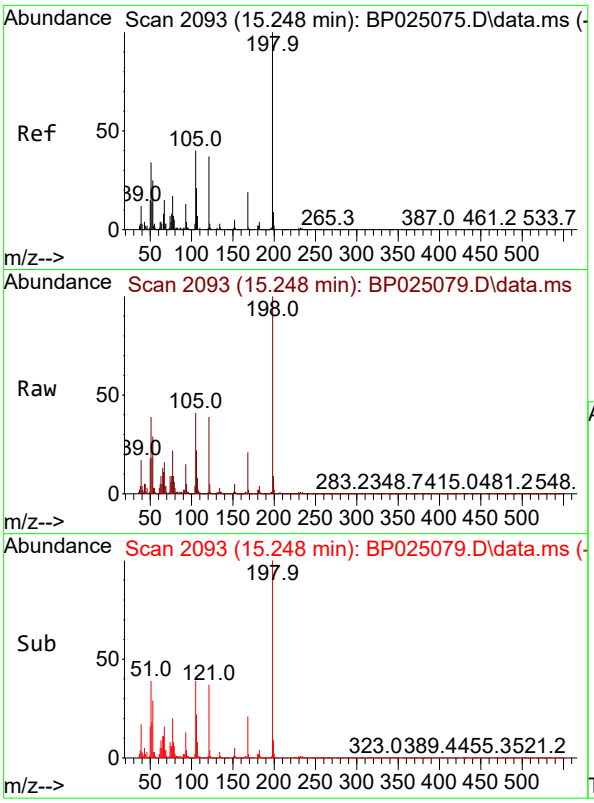


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2375
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:188 Resp: 2157756

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.3	7.8	11.6



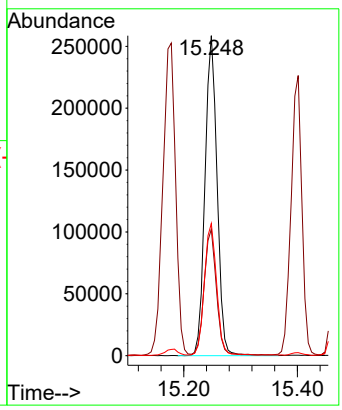


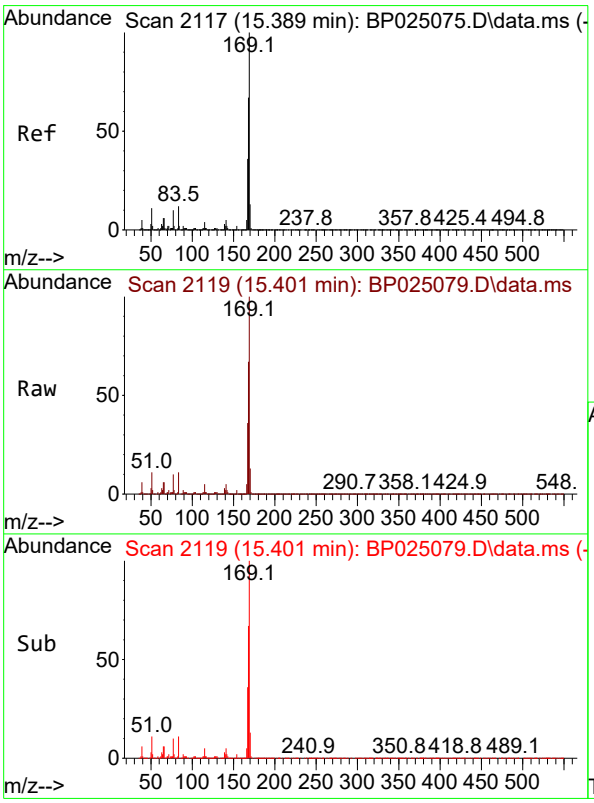
#65
4,6-Dinitro-2-methylphenol
Concen: 39.754 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:198 Resp: 379707

Ion	Ratio	Lower	Upper
198	100		
51	39.5	16.8	56.8
105	41.3	20.8	60.8

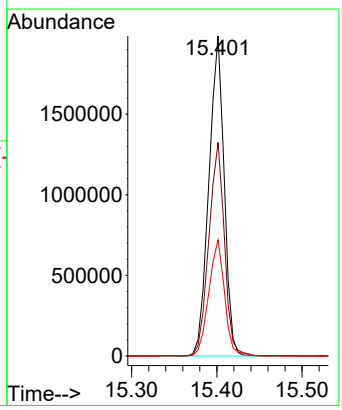


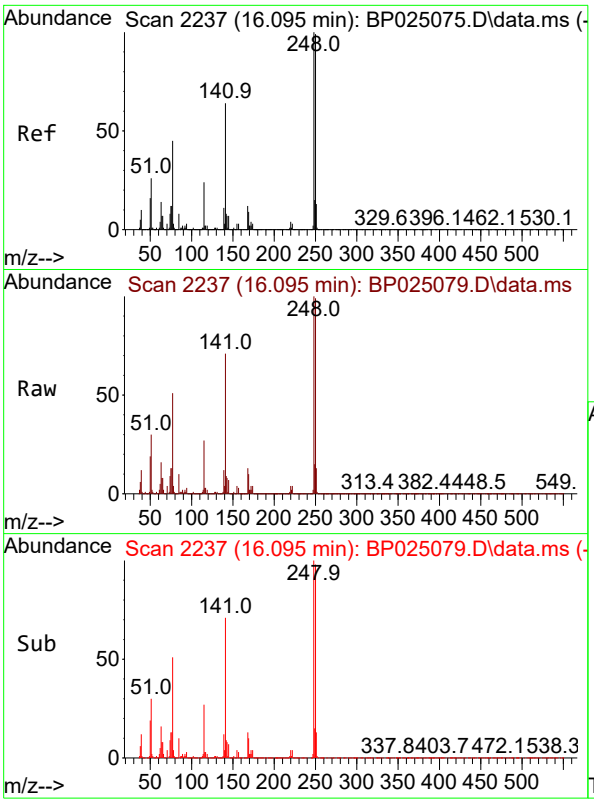


#66
n-Nitrosodiphenylamine
Concen: 40.039 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:169 Resp: 2472464

Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	36.2	29.0	43.6



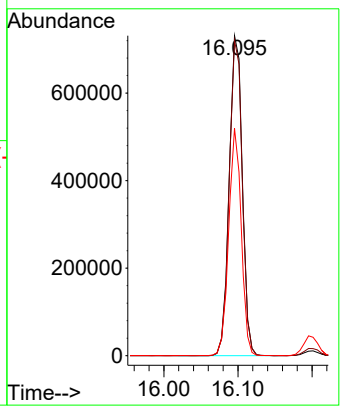


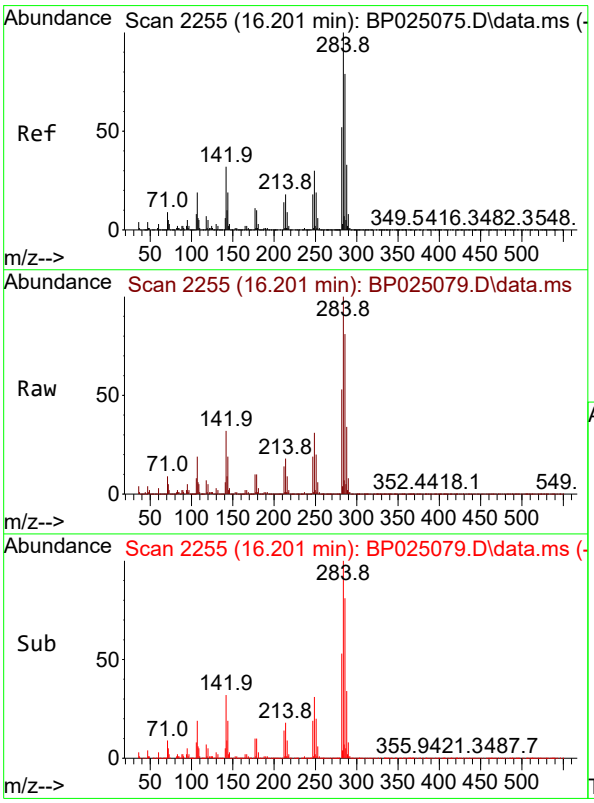
#67
4-Bromophenyl-phenylether
Concen: 40.486 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:248 Resp: 894455

Ion	Ratio	Lower	Upper
248	100		
250	98.5	79.4	119.2
141	71.0	51.4	77.0

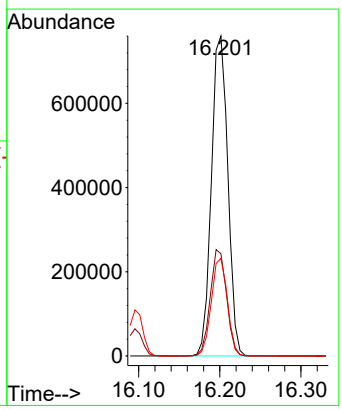


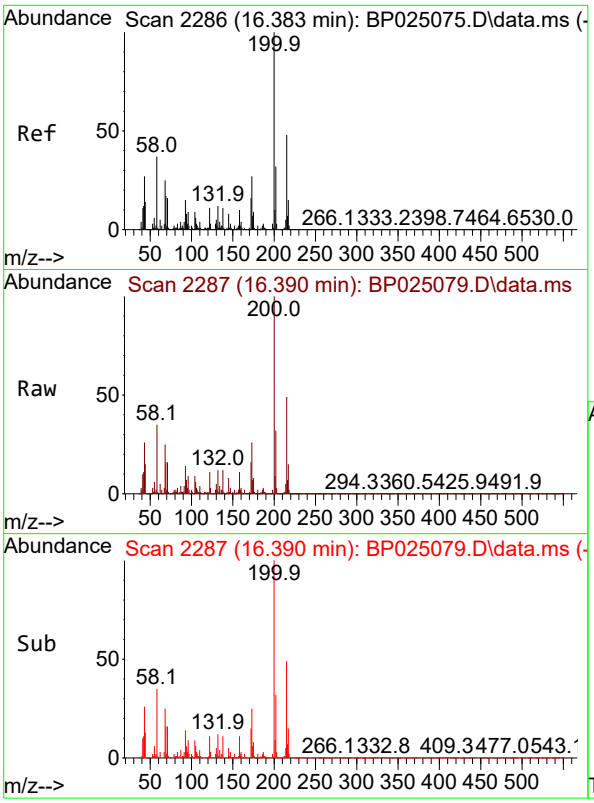


#68
Hexachlorobenzene
Concen: 39.499 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:284 Resp: 1066631

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	30.5	23.8	35.8



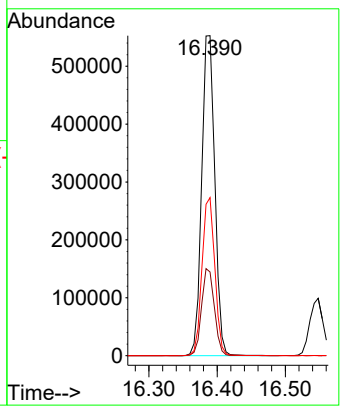


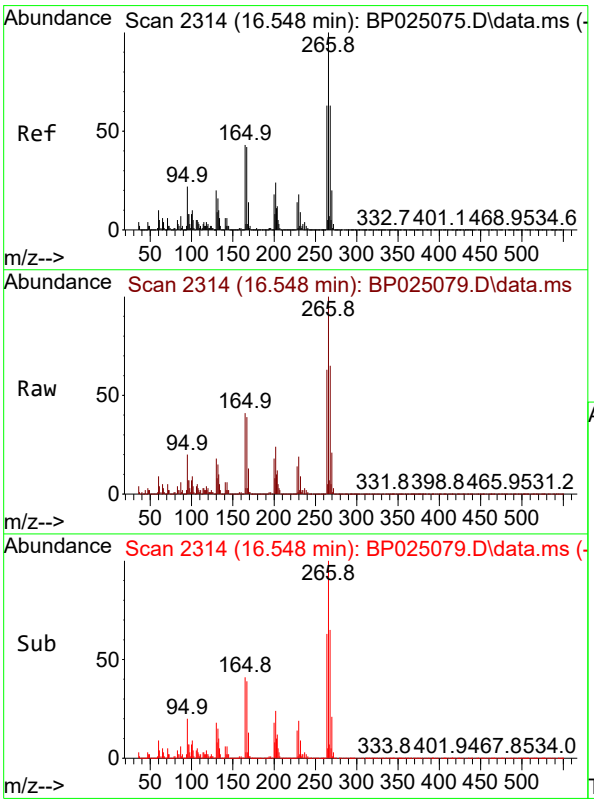
#69
Atrazine
Concen: 40.888 ng
RT: 16.390 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:200 Resp: 739881

Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	49.4	28.0	68.0

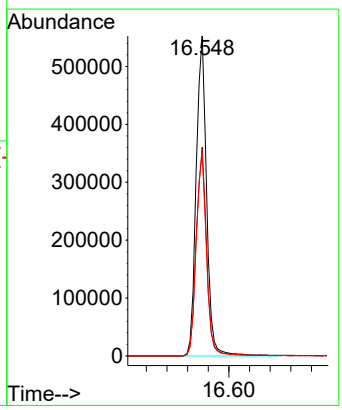


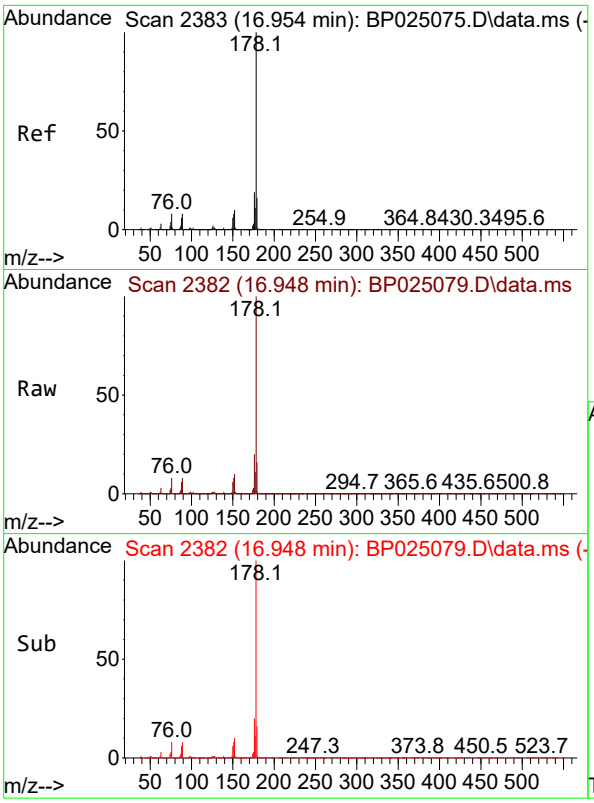


#70
Pentachlorophenol
Concen: 42.471 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:266 Resp: 774549

Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.4	75.6
264	63.5	50.2	75.2



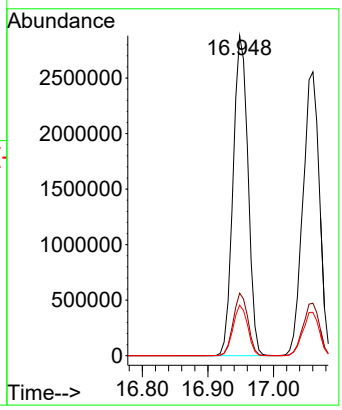


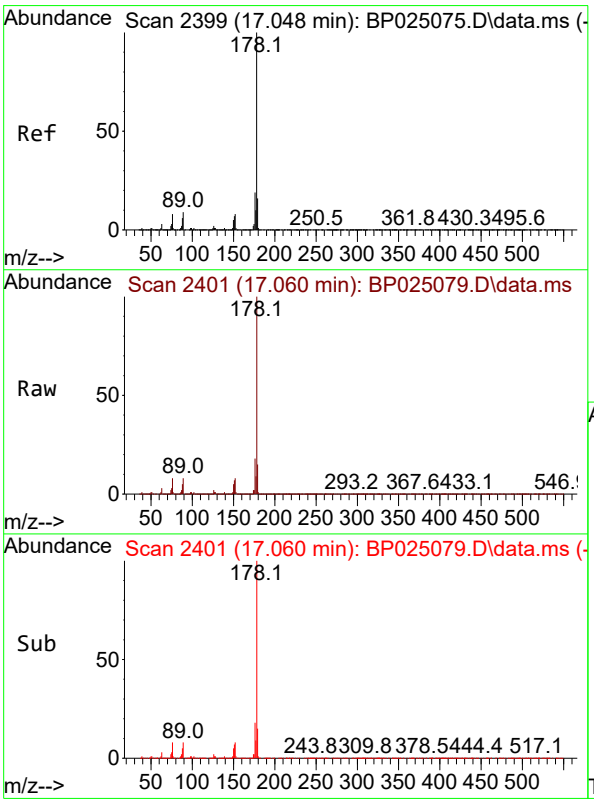
#71
Phenanthrene
Concen: 39.487 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:178 Resp: 4552722

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

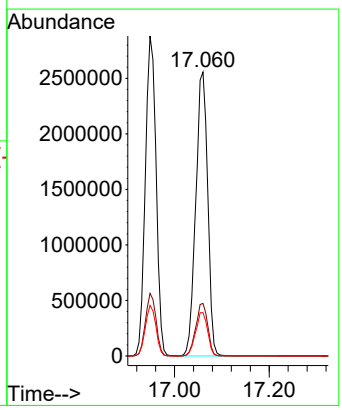


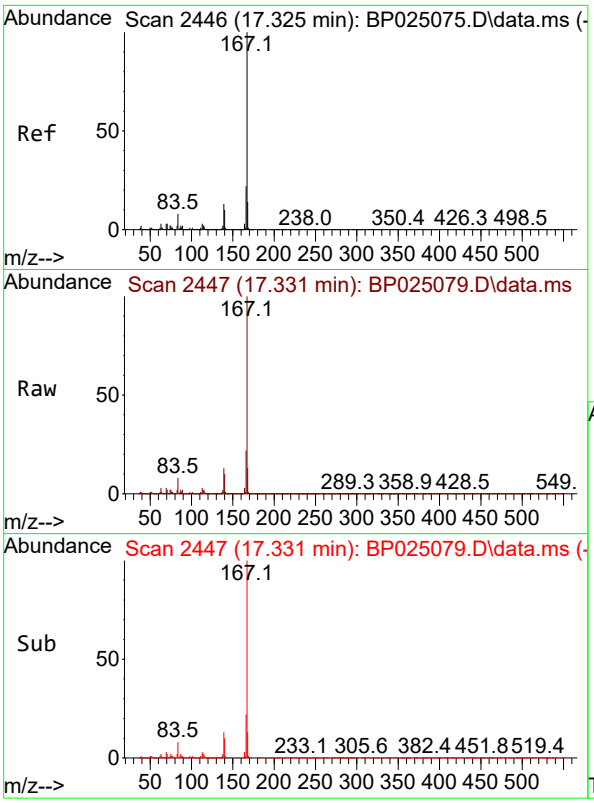


#72
Anthracene
Concen: 40.385 ng
RT: 17.060 min Scan# 2401
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:178 Resp: 4467088

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.3	12.5	18.7



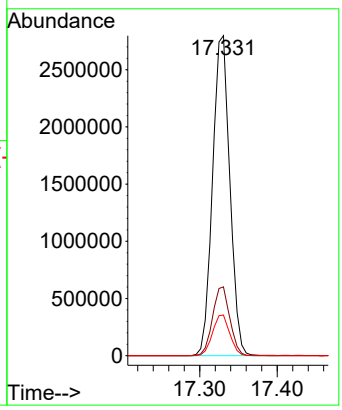


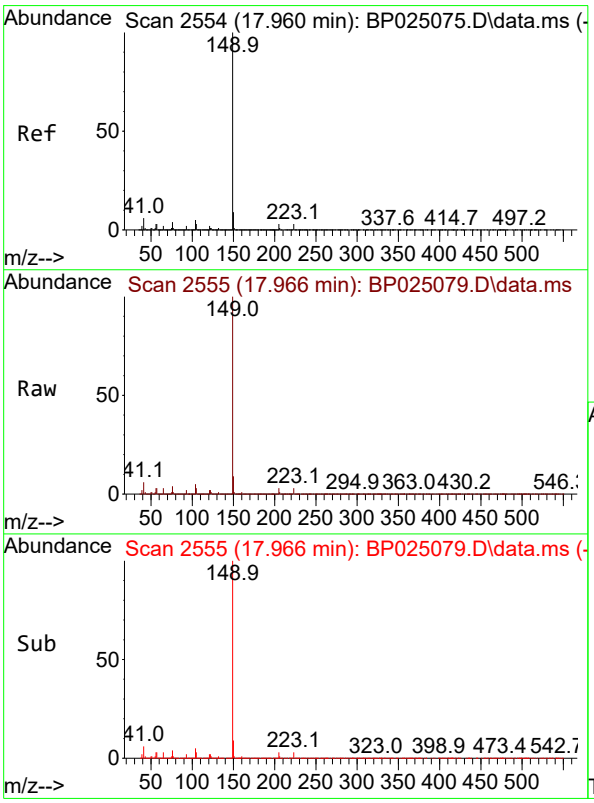
#73
Carbazole
Concen: 40.086 ng
RT: 17.331 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:167 Resp: 4335399

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.7	10.4	15.6

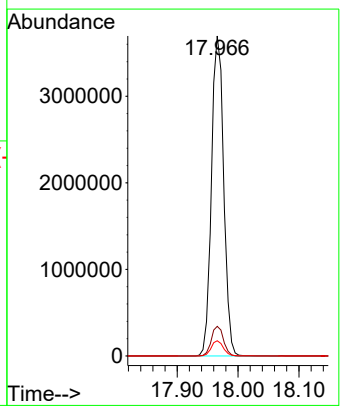


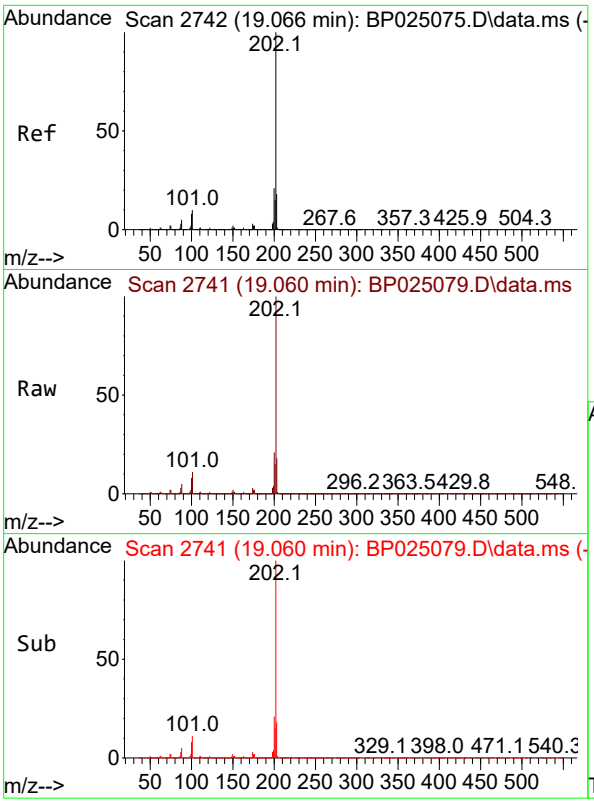


#74
Di-n-butylphthalate
Concen: 42.761 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 5149955

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.8	3.8	5.6



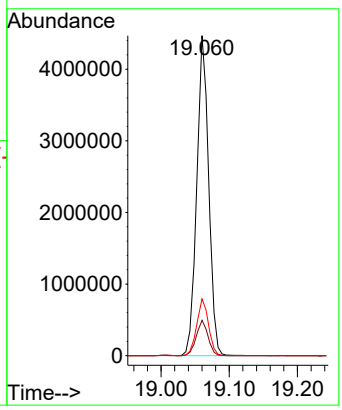


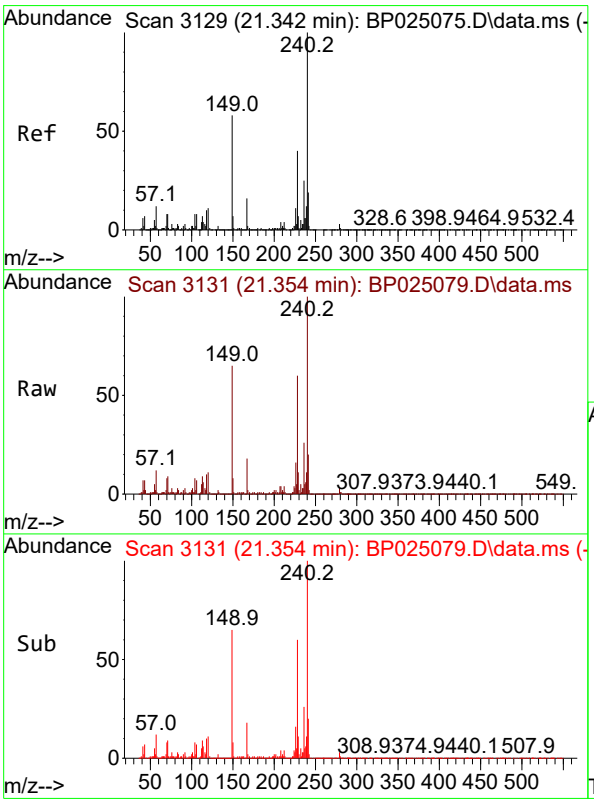
#75
Fluoranthene
Concen: 40.180 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:202 Resp: 5415104

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.4
203	17.8	0.0	37.6

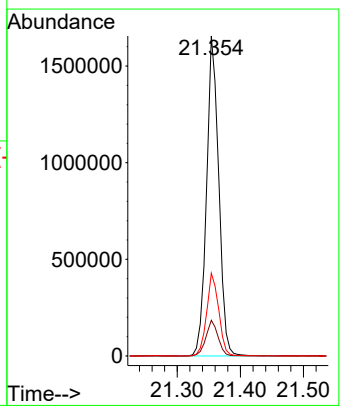


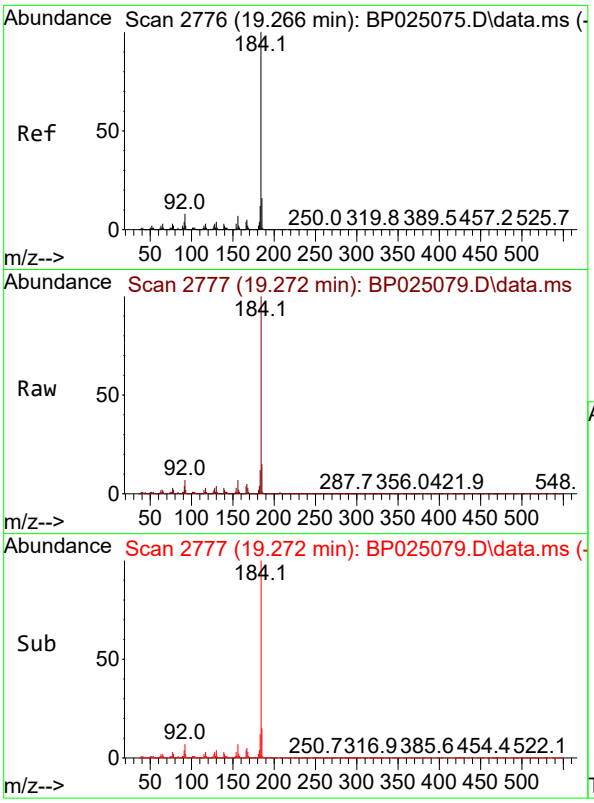


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:240 Resp: 2221808

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	25.9	20.3	30.5



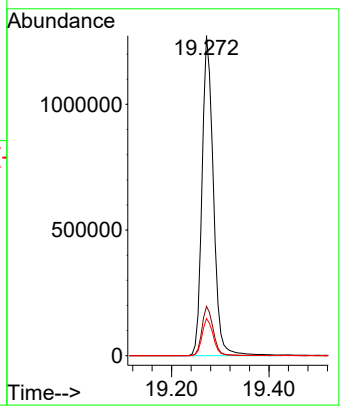


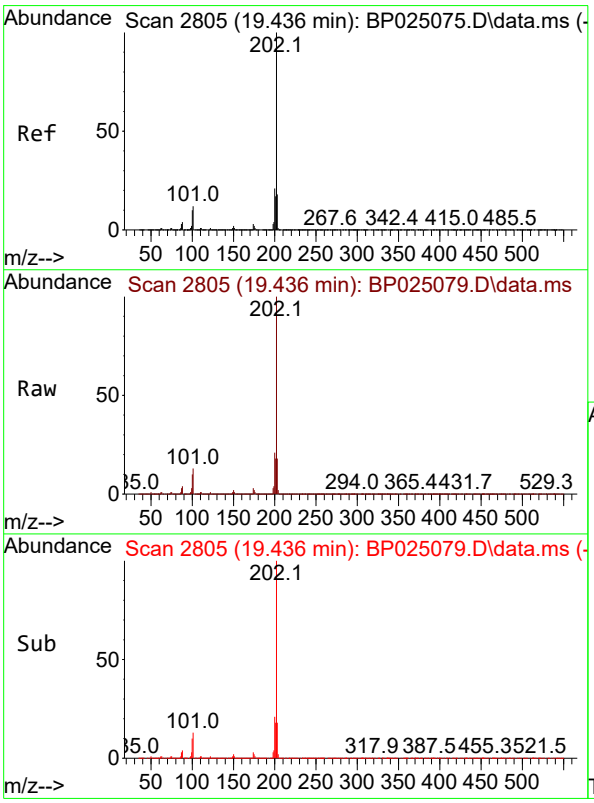
#77
Benzidine
Concen: 52.461 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:184 Resp: 2058569

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.6	18.8
183	11.6	9.4	14.2

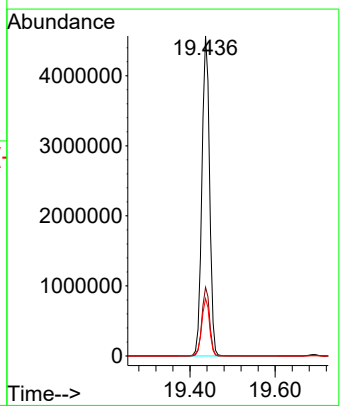


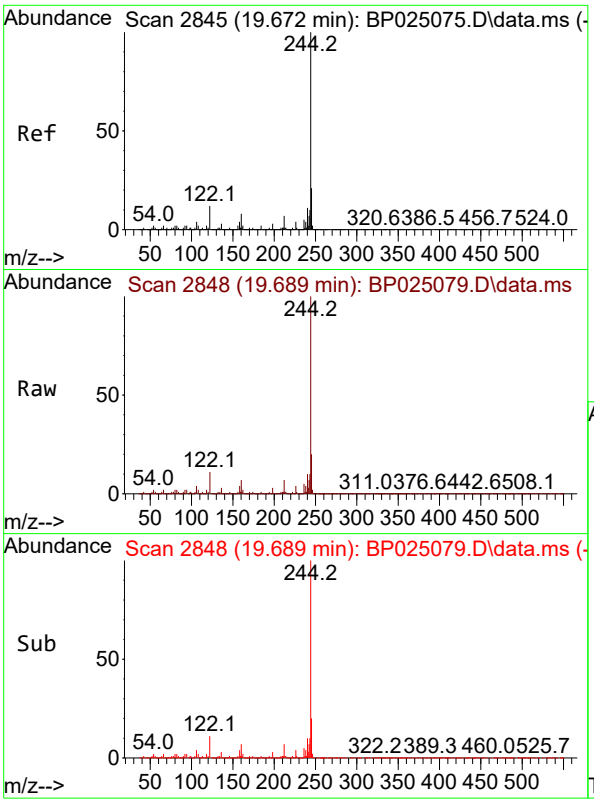


#78
Pyrene
Concen: 41.413 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:202 Resp: 5698991

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.0	14.1	21.1



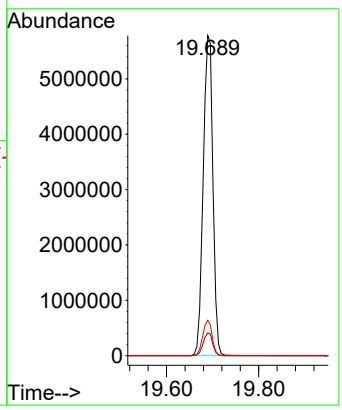


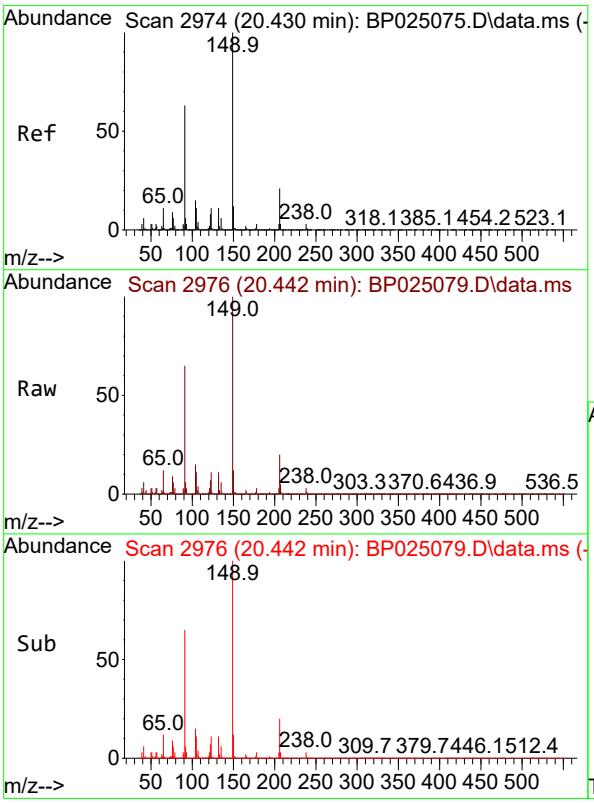
#79
Terphenyl-d14
Concen: 84.014 ng
RT: 19.689 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:244 Resp: 8493260

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.1	9.4	14.2

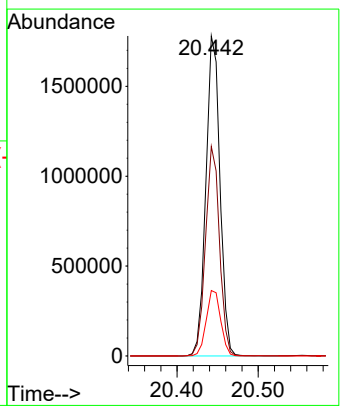


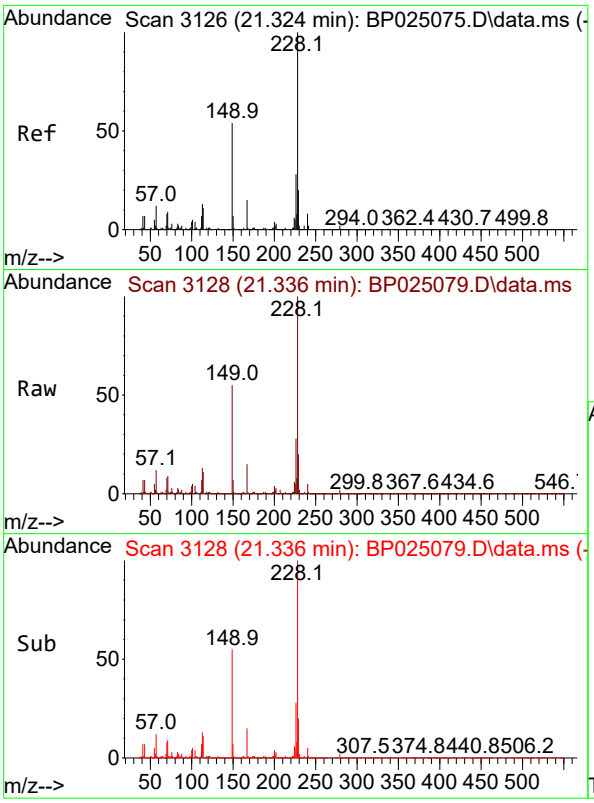


#80
Butylbenzylphthalate
Concen: 40.921 ng
RT: 20.442 min Scan# 2976
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 2138437

Ion	Ratio	Lower	Upper
149	100		
91	65.5	50.6	76.0
206	20.5	17.2	25.8



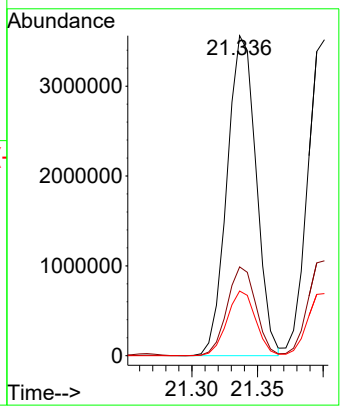


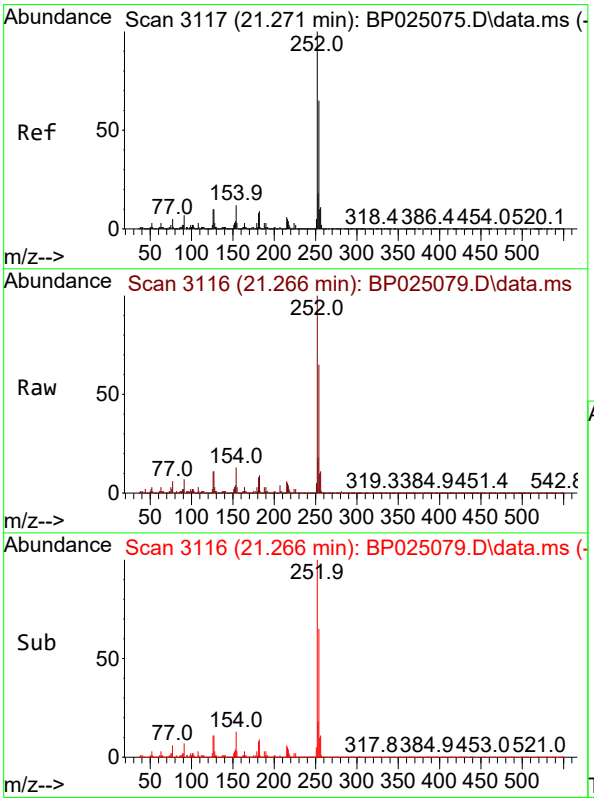
#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5501070

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	20.2	16.0	24.0

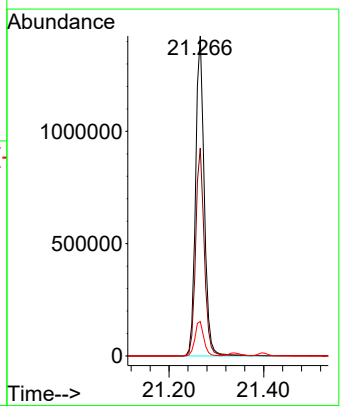


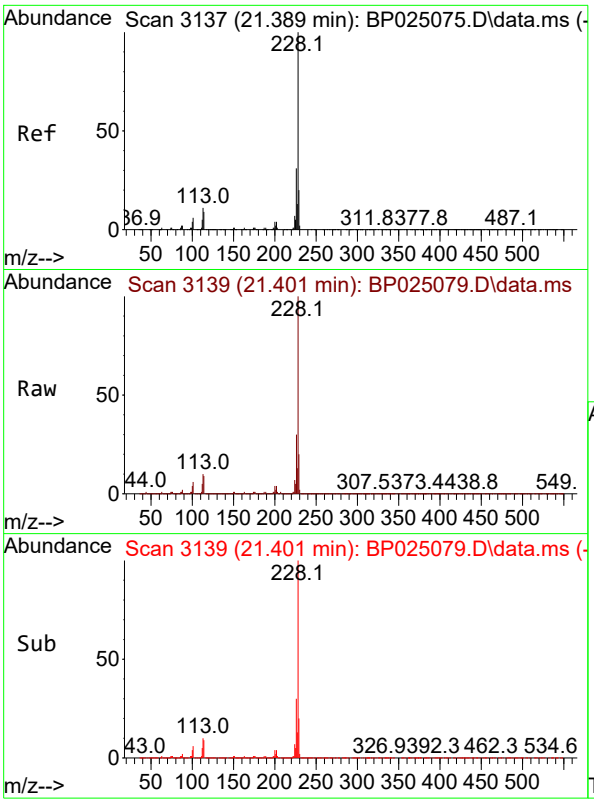


#82
3,3'-Dichlorobenzidine
Concen: 44.629 ng
RT: 21.266 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 1808957

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.8	8.1	12.1



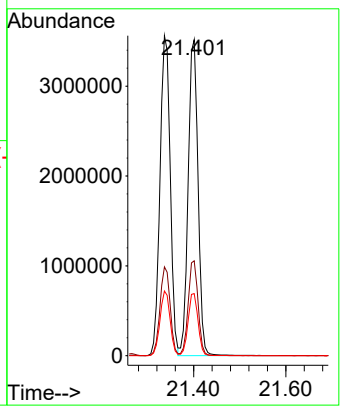


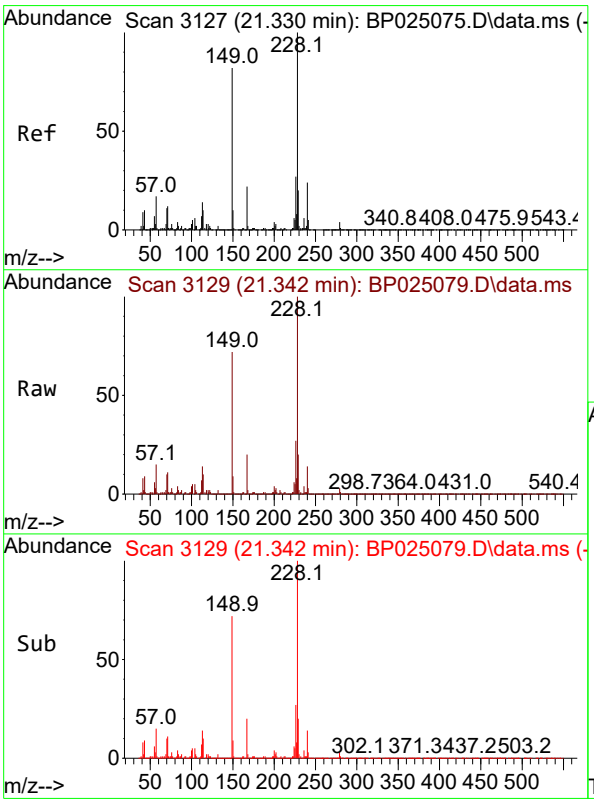
#83
Chrysene
Concen: 40.218 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:228 Resp: 5211272

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	19.7	16.0	24.0

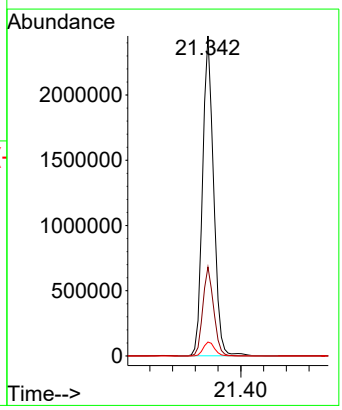


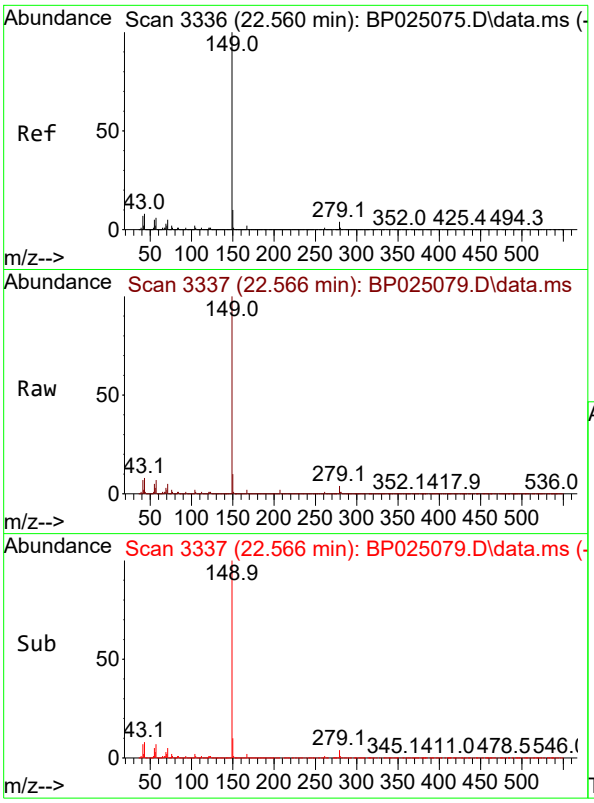


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.685 ng
RT: 21.342 min Scan# 3129
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:149 Resp: 3299494

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.4	3.5	5.3



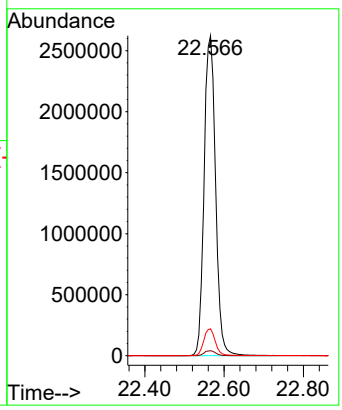


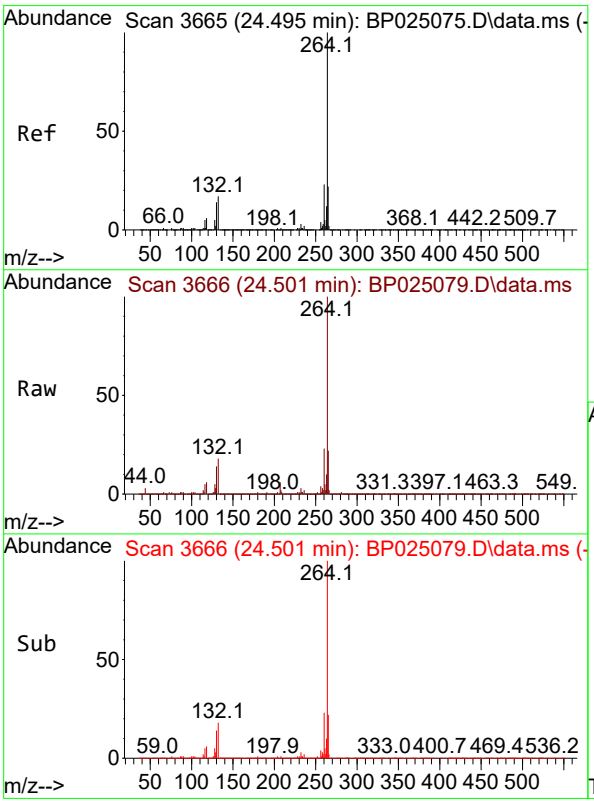
#85
Di-n-octyl phthalate
Concen: 40.750 ng
RT: 22.566 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:149 Resp: 5256676

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.5	6.9	10.3

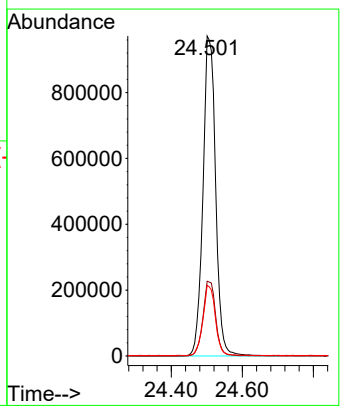


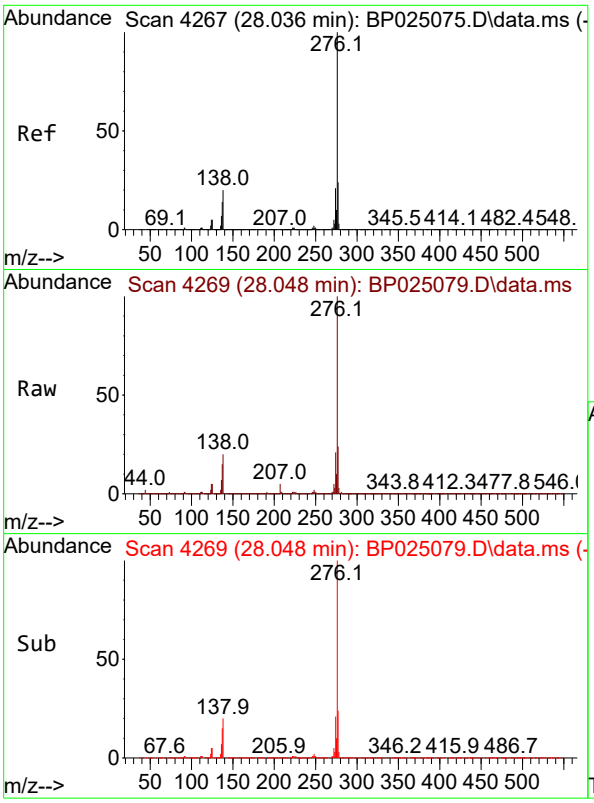


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:264 Resp: 2415004

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.7	26.5



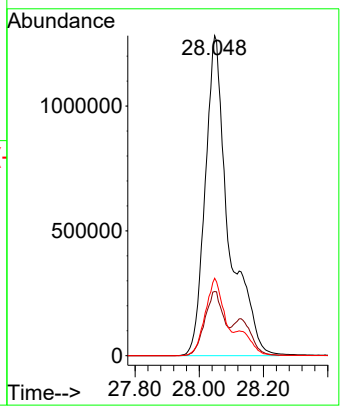


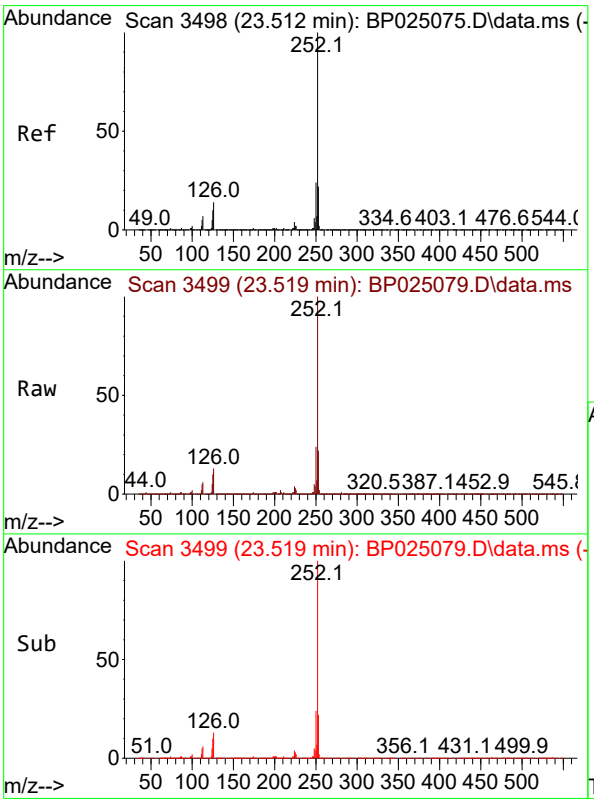
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.211 ng m
RT: 28.048 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:276 Resp: 6494157

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.0	19.6
277	19.8	15.9	23.9

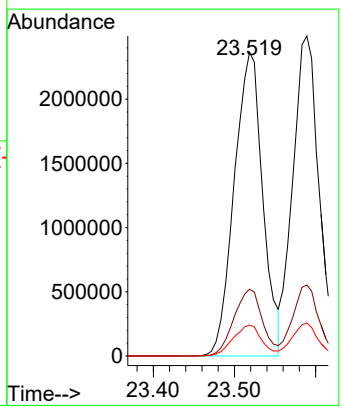


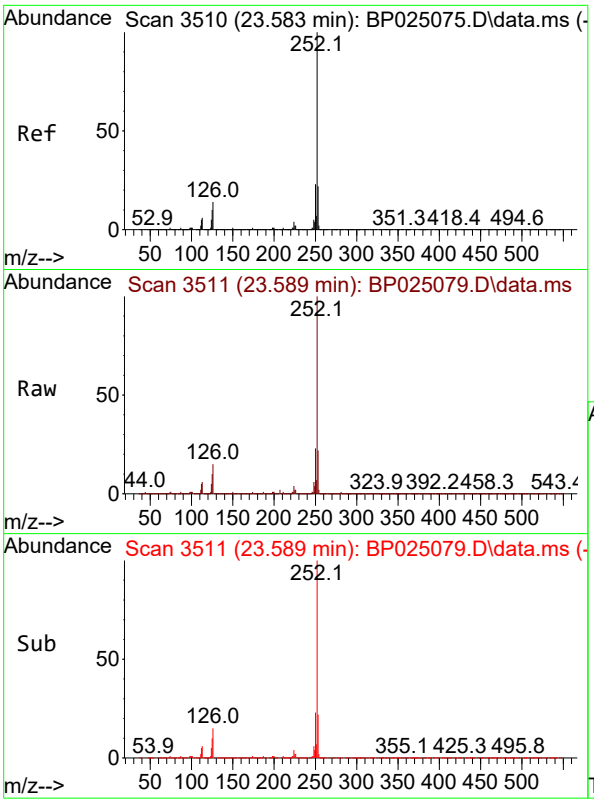


#88
Benzo(b)fluoranthene
Concen: 41.137 ng
RT: 23.519 min Scan# 3499
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 5782492

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.2	8.1	12.1



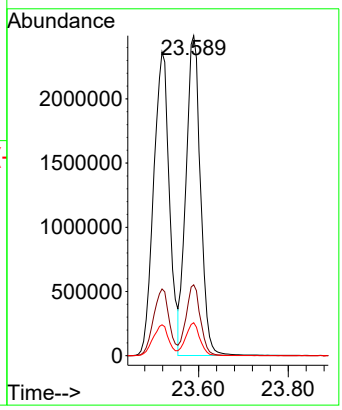


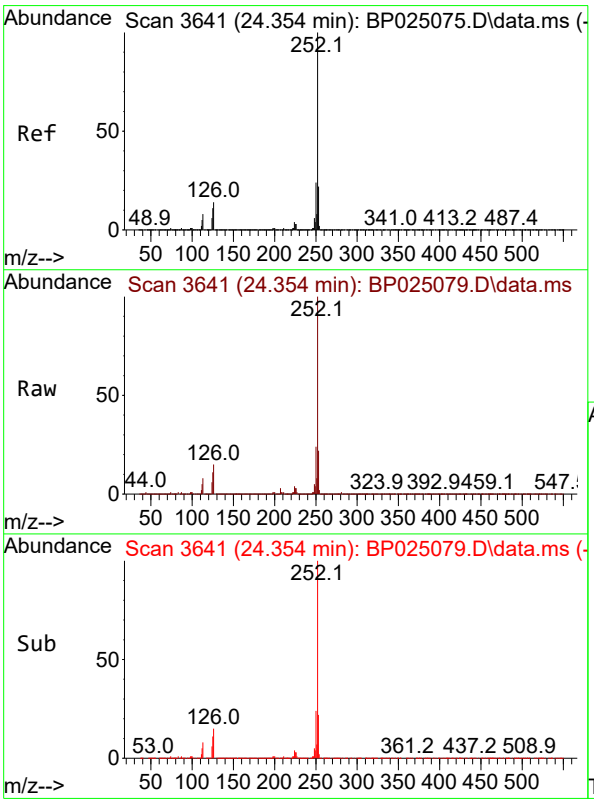
#89
Benzo(k)fluoranthene
Concen: 39.974 ng
RT: 23.589 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:252 Resp: 5590808

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.2

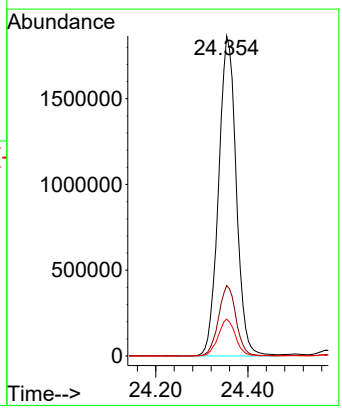


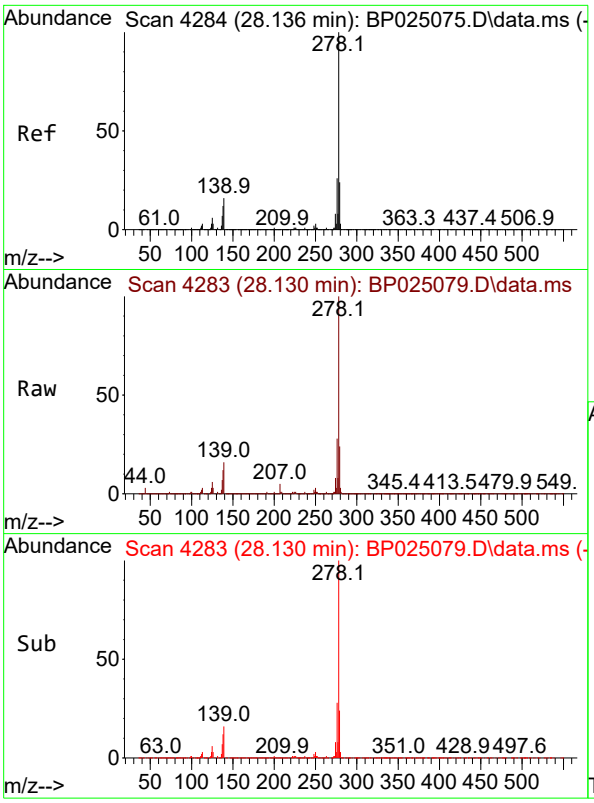


#90
Benzo(a)pyrene
Concen: 41.397 ng
RT: 24.354 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:252 Resp: 4952570

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.5	9.0	13.4



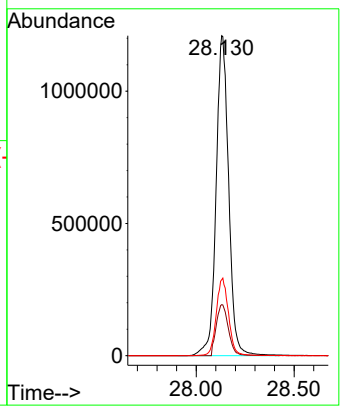


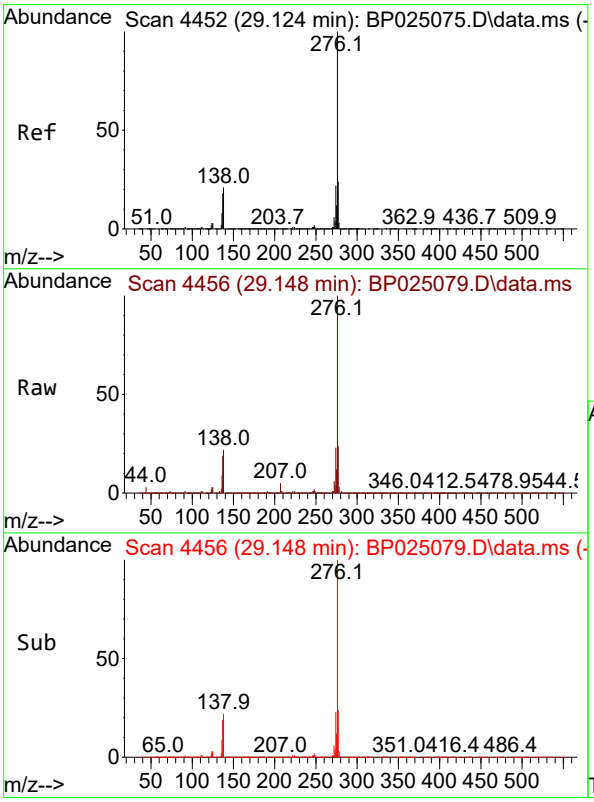
#91
Dibenzo(a,h)anthracene
Concen: 42.422 ng
RT: 28.130 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Tgt Ion:278 Resp: 5394843

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	23.8	18.9	28.3

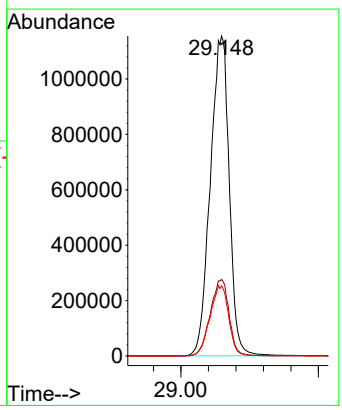




#92
Benzo(g,h,i)perylene
Concen: 41.855 ng
RT: 29.148 min Scan# 4456
Delta R.T. 0.024 min
Lab File: BP025079.D
Acq: 03 Jul 2025 16:18

Tgt Ion:276 Resp: 5498609

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	21.9	16.9	25.3



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
2		1,4-Dioxane	0.439	0.415	5.5	98	0.00
3		Pyridine	1.202	1.172	2.5	98	0.00
4		n-Nitrosodimethylamine	0.509	0.495	2.8	100	0.00
5	S	2-Fluorophenol	1.129	1.126	0.3	102	0.00
6		Aniline	1.376	1.369	0.5	101	0.00
7	S	Phenol-d6	1.473	1.474	-0.1	104	0.00
8		2-Chlorophenol	1.263	1.277	-1.1	104	0.00
9		Benzaldehyde	0.769	0.785	-2.1	111	0.00
10	C	Phenol	1.497	1.483	0.9	103	0.00
11		bis(2-Chloroethyl)ether	1.152	1.129	2.0	103	0.00
12		1,3-Dichlorobenzene	1.413	1.392	1.5	104	0.00
13	C	1,4-Dichlorobenzene	1.431	1.409	1.5	103	0.00
14		1,2-Dichlorobenzene	1.377	1.341	2.6	102	0.00
15		Benzyl Alcohol	0.983	1.004	-2.1	108	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.445	3.5	103	0.00
17		2-Methylphenol	0.964	0.981	-1.8	104	0.00
18		Hexachloroethane	0.466	0.468	-0.4	104	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.885	-1.3	105	0.00
20		3+4-Methylphenols	1.350	1.364	-1.0	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	105	0.00
22		Acetophenone	0.473	0.461	2.5	104	0.00
23	S	Nitrobenzene-d5	0.301	0.312	-3.7	107	0.00
24		Nitrobenzene	0.306	0.309	-1.0	105	0.00
25		Isophorone	0.562	0.567	-0.9	107	0.00
26	C	2-Nitrophenol	0.128	0.149	-16.4	117	0.00
27		2,4-Dimethylphenol	0.210	0.211	-0.5	107	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.377	1.3	106	0.00
29	C	2,4-Dichlorophenol	0.291	0.301	-3.4	106	0.00
30		1,2,4-Trichlorobenzene	0.322	0.318	1.2	105	0.00
31		Naphthalene	1.030	1.008	2.1	105	0.00
32		Benzoic acid	0.185	0.209	-13.0	118	0.00
33		4-Chloroaniline	0.384	0.387	-0.8	104	0.00
34	C	Hexachlorobutadiene	0.185	0.185	0.0	107	0.00
35		Caprolactam	0.099	0.102	-3.0	106	0.00
36	C	4-Chloro-3-methylphenol	0.304	0.311	-2.3	106	0.00
37		2-Methylnaphthalene	0.727	0.715	1.7	104	0.00
38		1-Methylnaphthalene	0.709	0.696	1.8	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.576	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	0.150	0.161	-7.3	116	0.00
42	S	2,4,6-Tribromophenol	0.236	0.244	-3.4	106	0.00
43	C	2,4,6-Trichlorophenol	0.348	0.371	-6.6	107	0.00
44		2,4,5-Trichlorophenol	0.394	0.417	-5.8	108	0.00
45	S	2-Fluorobiphenyl	1.291	1.270	1.6	106	0.00
46		1,1'-Biphenyl	1.455	1.420	2.4	104	0.00
47		2-Chloronaphthalene	1.094	1.072	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.264	-11.4	109	0.00
49		Acenaphthylene	1.674	1.692	-1.1	106	0.00
50		Dimethylphthalate	1.400	1.405	-0.4	107	0.00
51		2,6-Dinitrotoluene	0.273	0.293	-7.3	106	0.00
52	C	Acenaphthene	1.079	1.061	1.7	106	0.00
53		3-Nitroaniline	0.293	0.318	-8.5	106	0.00
54	P	2,4-Dinitrophenol	0.114	0.124	-8.8	113	0.00
55		Dibenzofuran	1.781	1.746	2.0	105	0.00
56	P	4-Nitrophenol	0.270	0.286	-5.9	107	0.01
57		2,4-Dinitrotoluene	0.356	0.395	-11.0	108	0.00
58		Fluorene	1.377	1.366	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	0.357	0.379	-6.2	109	0.00
60		Diethylphthalate	1.406	1.427	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	0.682	0.668	2.1	105	0.00
62		4-Nitroaniline	0.307	0.334	-8.8	104	0.00
63		Azobenzene	1.252	1.208	3.5	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.082	0.088	-7.3	113	0.00
66	c	n-Nitrosodiphenylamine	0.572	0.573	-0.2	105	0.01
67		4-Bromophenyl-phenylether	0.205	0.207	-1.0	106	0.00
68		Hexachlorobenzene	0.250	0.247	1.2	104	0.00
69		Atrazine	0.168	0.171	-1.8	104	0.00
70	C	Pentachlorophenol	0.169	0.179	-5.9	109	0.00
71		Phenanthrene	1.069	1.055	1.3	103	0.00
72		Anthracene	1.025	1.035	-1.0	104	0.01
73		Carbazole	1.002	1.005	-0.3	102	0.00
74		Di-n-butylphthalate	1.116	1.193	-6.9	105	0.00
75	C	Fluoranthene	1.249	1.255	-0.5	102	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	98	0.01
77		Benzidine	0.353	0.463	-31.2#	80	0.00
78		Pyrene	1.239	1.283	-3.6	102	0.00
79	S	Terphenyl-d14	0.910	0.956	-5.1	103	0.02
80		Butylbenzylphthalate	0.402	0.481	-19.7	107	0.01
81		Benzo(a)anthracene	1.212	1.238	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	0.365	0.407	-11.5	103	0.00
83		Chrysene	1.166	1.173	-0.6	99	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.743	-14.3	104	0.01
85	c	Di-n-octyl phthalate	1.054	1.183	-12.2	106	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.345	-5.6	100	0.01
88		Benzo(b)fluoranthene	1.164	1.197	-2.8	99	0.00
89		Benzo(k)fluoranthene	1.158	1.158	0.0	100	0.00
90	C	Benzo(a)pyrene	0.991	1.025	-3.4	99	0.00
91		Dibenzo(a,h)anthracene	1.053	1.117	-6.1	101	0.00
92		Benzo(g,h,i)perylene	1.088	1.138	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	103	0.00
2		1,4-Dioxane	40.000	37.814	5.5	98	0.00
3		Pyridine	40.000	39.027	2.4	98	0.00
4		n-Nitrosodimethylamine	40.000	38.933	2.7	100	0.00
5	S	2-Fluorophenol	80.000	79.825	0.2	102	0.00
6		Aniline	40.000	39.803	0.5	101	0.00
7	S	Phenol-d6	80.000	80.057	-0.1	104	0.00
8		2-Chlorophenol	40.000	40.431	-1.1	104	0.00
9		Benzaldehyde	40.000	40.841	-2.1	111	0.00
10	C	Phenol	40.000	39.645	0.9	103	0.00
11		bis(2-Chloroethyl)ether	40.000	39.206	2.0	103	0.00
12		1,3-Dichlorobenzene	40.000	39.389	1.5	104	0.00
13	C	1,4-Dichlorobenzene	40.000	39.387	1.5	103	0.00
14		1,2-Dichlorobenzene	40.000	38.965	2.6	102	0.00
15		Benzyl Alcohol	40.000	40.867	-2.2	108	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.579	3.6	103	0.00
17		2-Methylphenol	40.000	40.721	-1.8	104	0.00
18		Hexachloroethane	40.000	40.115	-0.3	104	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.521	-1.3	105	0.00
20		3+4-Methylphenols	40.000	40.415	-1.0	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	105	0.00
22		Acetophenone	40.000	38.992	2.5	104	0.00
23	S	Nitrobenzene-d5	80.000	82.866	-3.6	107	0.00
24		Nitrobenzene	40.000	40.369	-0.9	105	0.00
25		Isophorone	40.000	40.360	-0.9	107	0.00
26	C	2-Nitrophenol	40.000	40.694	-1.7	117	0.00
27		2,4-Dimethylphenol	40.000	40.332	-0.8	107	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.567	1.1	106	0.00
29	C	2,4-Dichlorophenol	40.000	41.412	-3.5	106	0.00
30		1,2,4-Trichlorobenzene	40.000	39.571	1.1	105	0.00
31		Naphthalene	40.000	39.170	2.1	105	0.00
32		Benzoic acid	40.000	40.952	-2.4	118	0.00
33		4-Chloroaniline	40.000	40.229	-0.6	104	0.00
34	C	Hexachlorobutadiene	40.000	40.154	-0.4	107	0.00
35		Caprolactam	40.000	40.864	-2.2	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.967	-2.4	106	0.00
37		2-Methylnaphthalene	40.000	39.345	1.6	104	0.00
38		1-Methylnaphthalene	40.000	39.301	1.7	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	107	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.072	-0.2	106	0.00
41	P	Hexachlorocyclopentadiene	40.000	42.989	-7.5	116	0.00
42	S	2,4,6-Tribromophenol	80.000	82.624	-3.3	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.646	-6.6	107	0.00
44		2,4,5-Trichlorophenol	40.000	42.335	-5.8	108	0.00
45	S	2-Fluorobiphenyl	80.000	78.712	1.6	106	0.00
46		1,1'-Biphenyl	40.000	39.032	2.4	104	0.00
47		2-Chloronaphthalene	40.000	39.210	2.0	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.894	0.3	109	0.00
49		Acenaphthylene	40.000	40.431	-1.1	106	0.00
50		Dimethylphthalate	40.000	40.131	-0.3	107	0.00
51		2,6-Dinitrotoluene	40.000	42.919	-7.3	106	0.00
52	C	Acenaphthene	40.000	39.318	1.7	106	0.00
53		3-Nitroaniline	40.000	43.418	-8.5	106	0.00
54	P	2,4-Dinitrophenol	40.000	40.066	-0.2	113	0.00
55		Dibenzofuran	40.000	39.220	2.0	105	0.00
56	P	4-Nitrophenol	40.000	42.369	-5.9	107	0.01
57		2,4-Dinitrotoluene	40.000	39.932	0.2	108	0.00
58		Fluorene	40.000	39.662	0.8	105	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.414	-6.0	109	0.00
60		Diethylphthalate	40.000	40.587	-1.5	107	0.01
61		4-Chlorophenyl-phenylether	40.000	39.198	2.0	105	0.00
62		4-Nitroaniline	40.000	43.550	-8.9	104	0.00
63		Azobenzene	40.000	38.583	3.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.754	0.6	113	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.039	-0.1	105	0.01
67		4-Bromophenyl-phenylether	40.000	40.486	-1.2	106	0.00
68		Hexachlorobenzene	40.000	39.499	1.3	104	0.00
69		Atrazine	40.000	40.888	-2.2	104	0.00
70	C	Pentachlorophenol	40.000	42.471	-6.2	109	0.00
71		Phenanthrene	40.000	39.487	1.3	103	0.00
72		Anthracene	40.000	40.385	-1.0	104	0.01
73		Carbazole	40.000	40.086	-0.2	102	0.00
74		Di-n-butylphthalate	40.000	42.761	-6.9	105	0.00
75	C	Fluoranthene	40.000	40.180	-0.4	102	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	98	0.01
77		Benzidine	40.000	52.461	-31.2#	80	0.00
78		Pyrene	40.000	41.413	-3.5	102	0.00
79	S	Terphenyl-d14	80.000	84.014	-5.0	103	0.02
80		Butylbenzylphthalate	40.000	40.921	-2.3	107	0.01
81		Benzo(a)anthracene	40.000	40.856	-2.1	100	0.01
82		3,3'-Dichlorobenzidine	40.000	44.629	-11.6	103	0.00
83		Chrysene	40.000	40.218	-0.5	99	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	45.685	-14.2	104	0.01
85	c	Di-n-octyl phthalate	40.000	40.750	-1.9	106	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.211	-5.5	100	0.01
88		Benzo(b)fluoranthene	40.000	41.137	-2.8	99	0.00
89		Benzo(k)fluoranthene	40.000	39.974	0.1	100	0.00
90	C	Benzo(a)pyrene	40.000	41.397	-3.5	99	0.00
91		Dibenzo(a,h)anthracene	40.000	42.422	-6.1	101	0.00
92		Benzo(g,h,i)perylene	40.000	41.855	-4.6	100	0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025079.D
Acq On : 03 Jul 2025 16:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP070325

Quant Time: Jul 03 16:37:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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:	CAMP02
Lab Code:	ACE	SDG No.:	Q2529
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: CAMP02

Lab Code: ACE SDG No.: Q2529

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

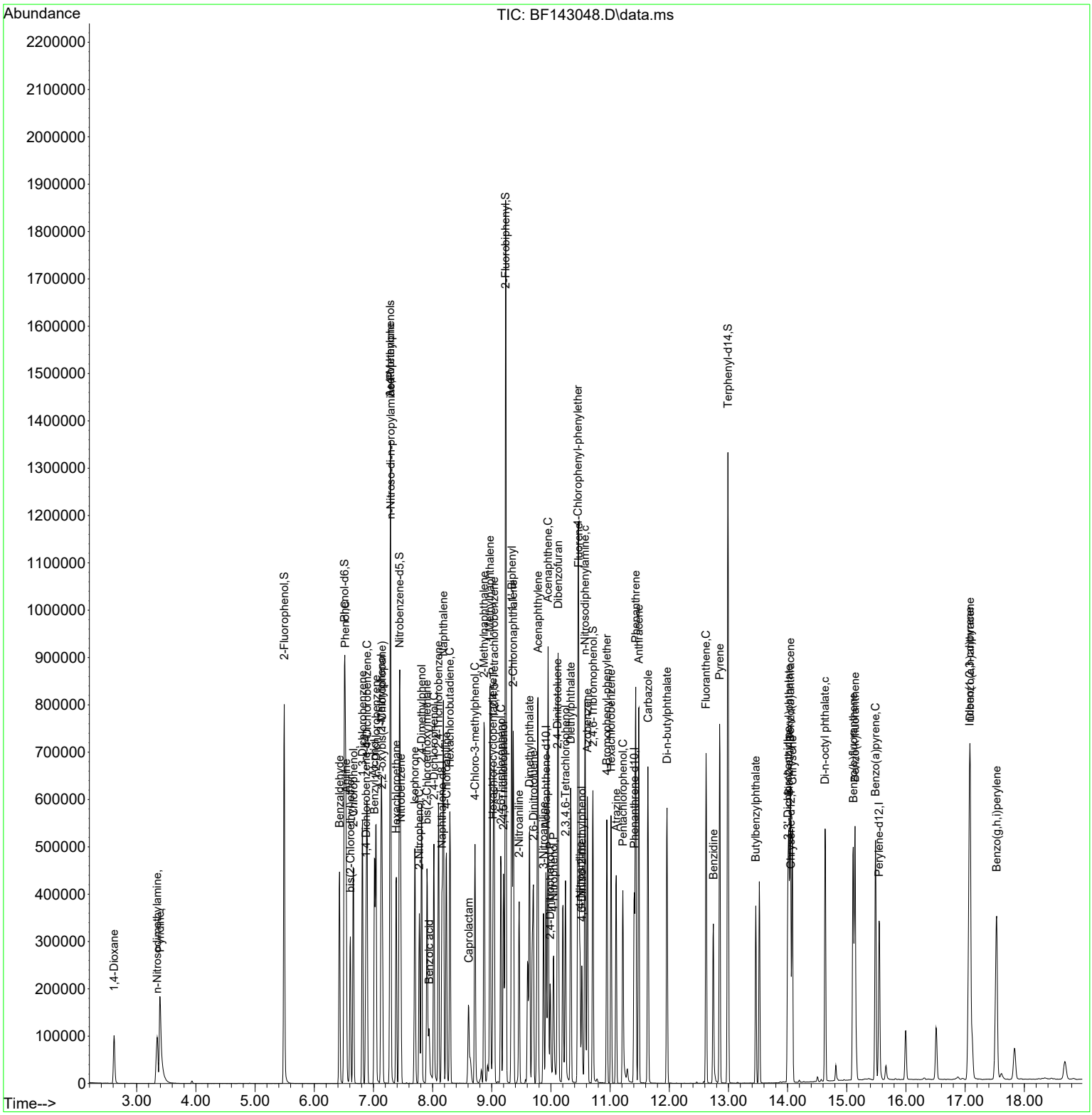
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102349	37.440	ng	100
46) 1,1'-Biphenyl	9.339	154	413921	38.796	ng	99
47) 2-Chloronaphthalene	9.363	162	306289	38.255	ng	99
48) 2-Nitroaniline	9.463	65	85518	38.099	ng	94
49) Acenaphthylene	9.781	152	503177	38.176	ng	100
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

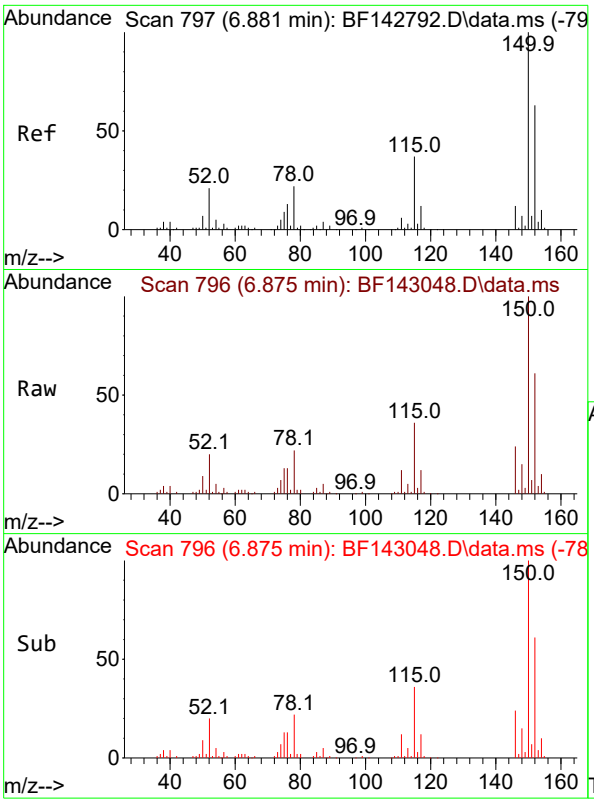
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

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
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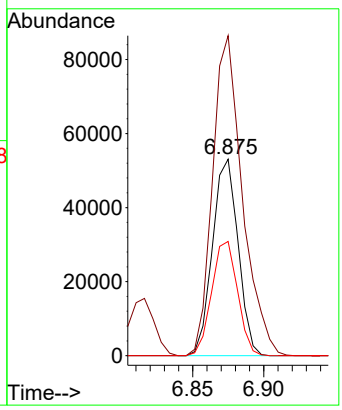


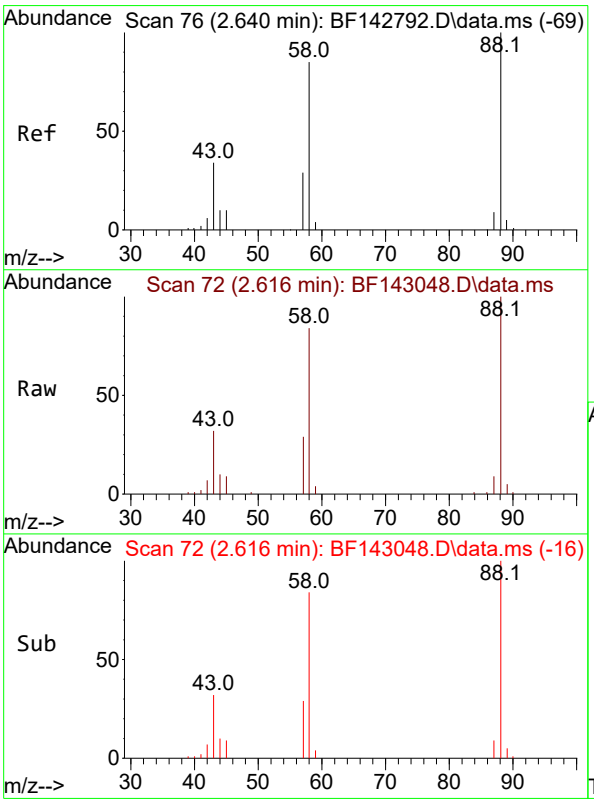
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

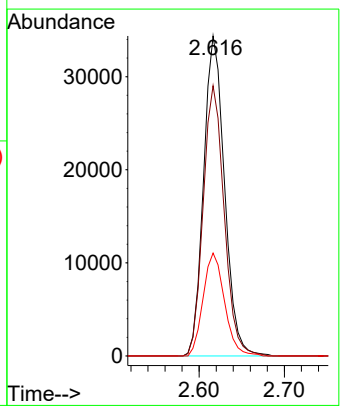


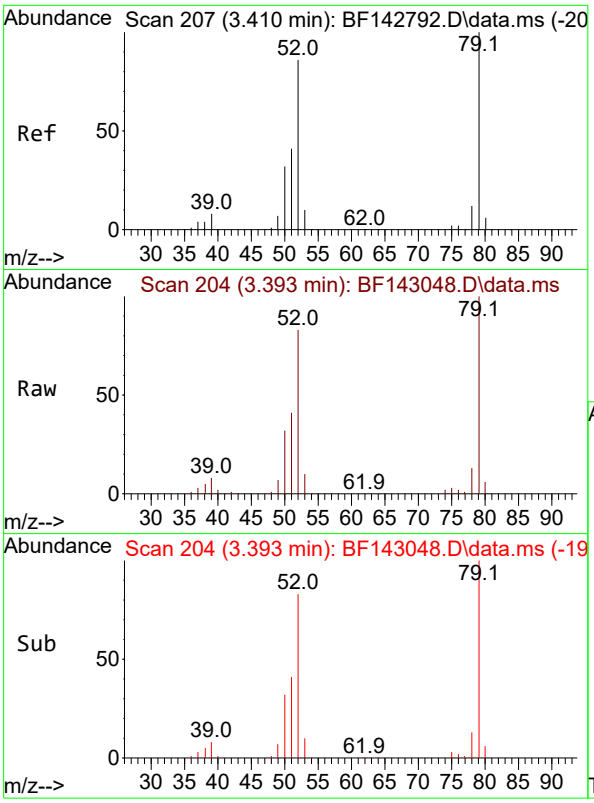


#2
1,4-Dioxane
Concen: 36.693 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.023 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



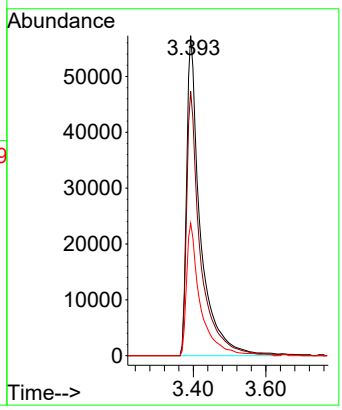


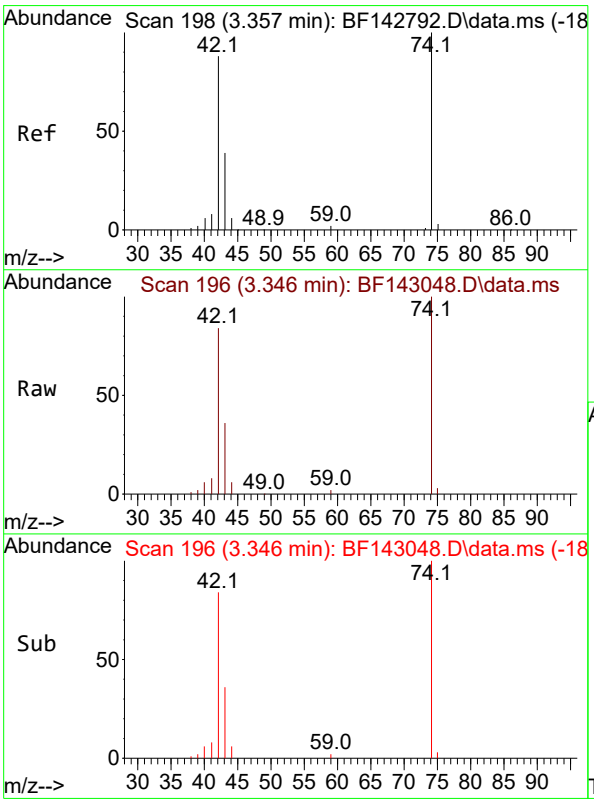
#3
Pyridine
Concen: 37.436 ng
RT: 3.393 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

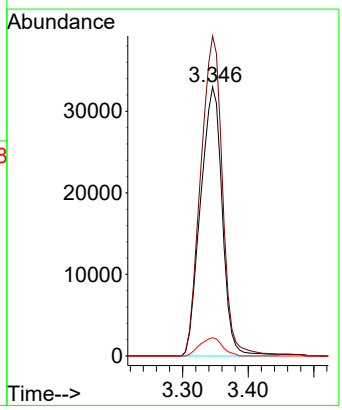


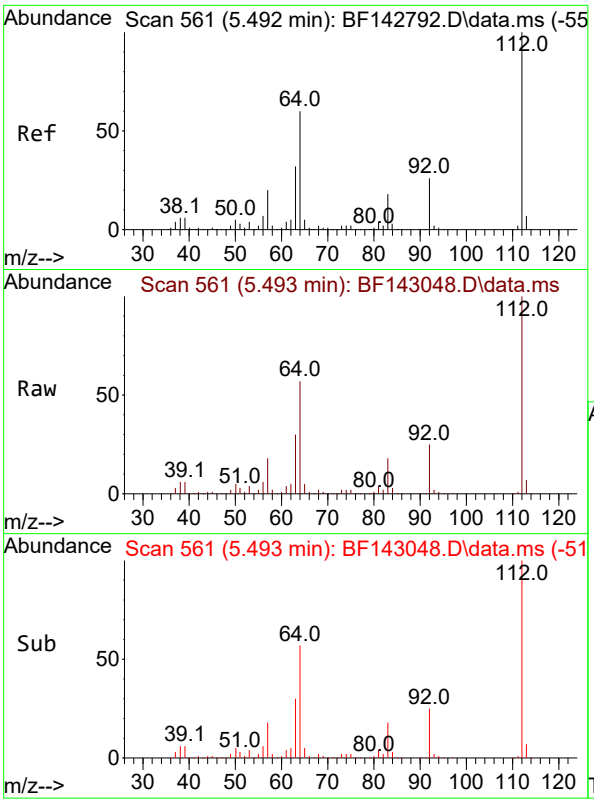


#4
n-Nitrosodimethylamine
Concen: 36.533 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



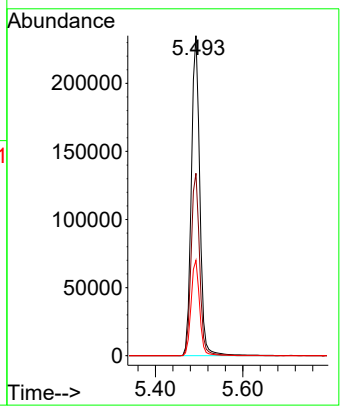


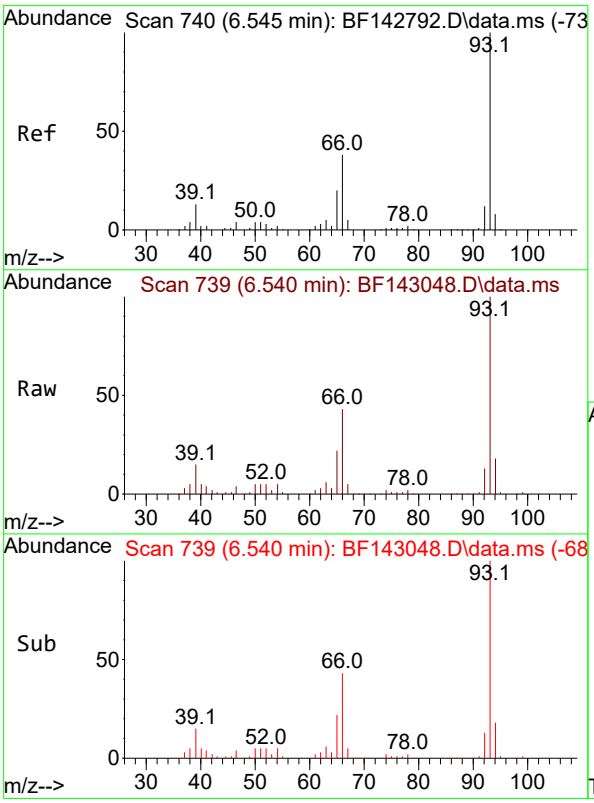
#5
2-Fluorophenol
Concen: 79.269 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

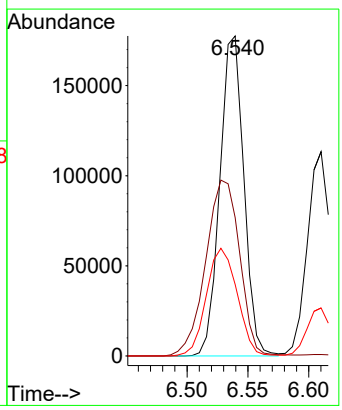


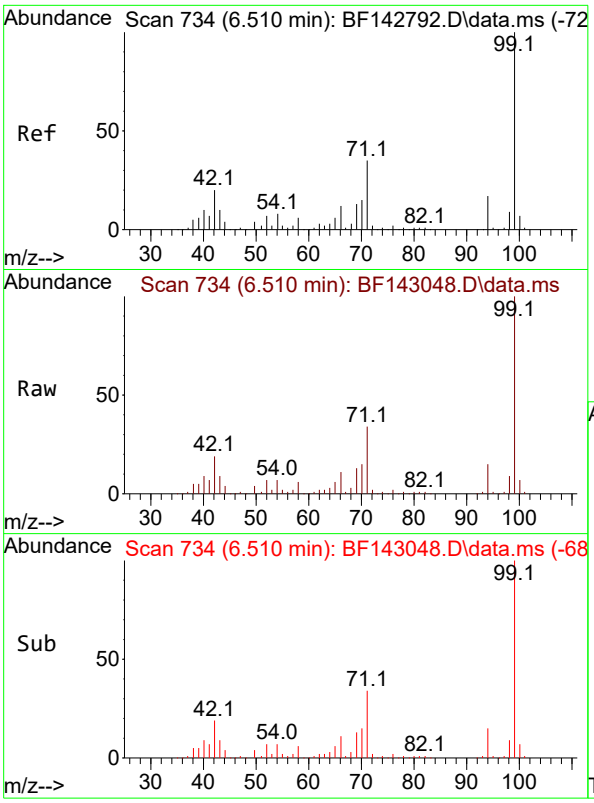


#6
Aniline
Concen: 38.827 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



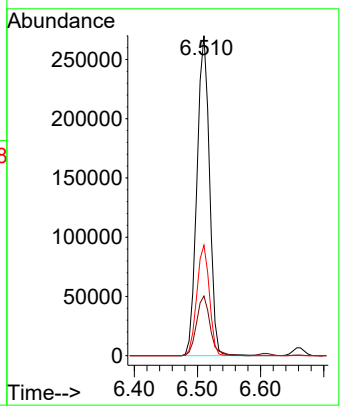


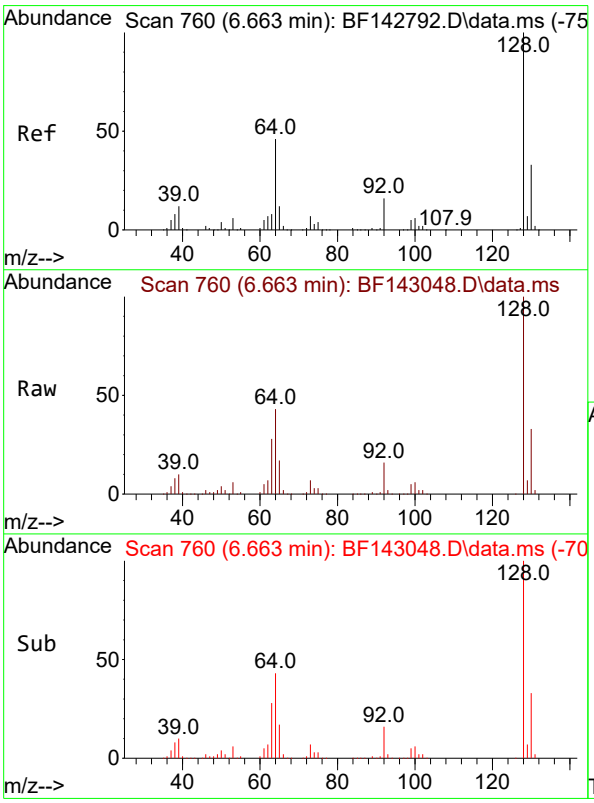
#7
Phenol-d6
Concen: 78.945 ng
RT: 6.510 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

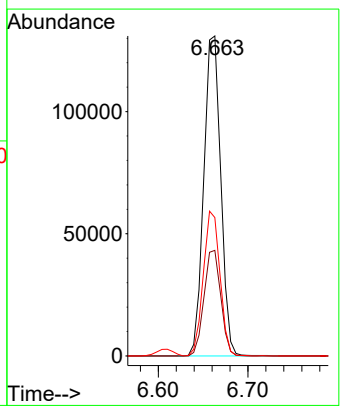


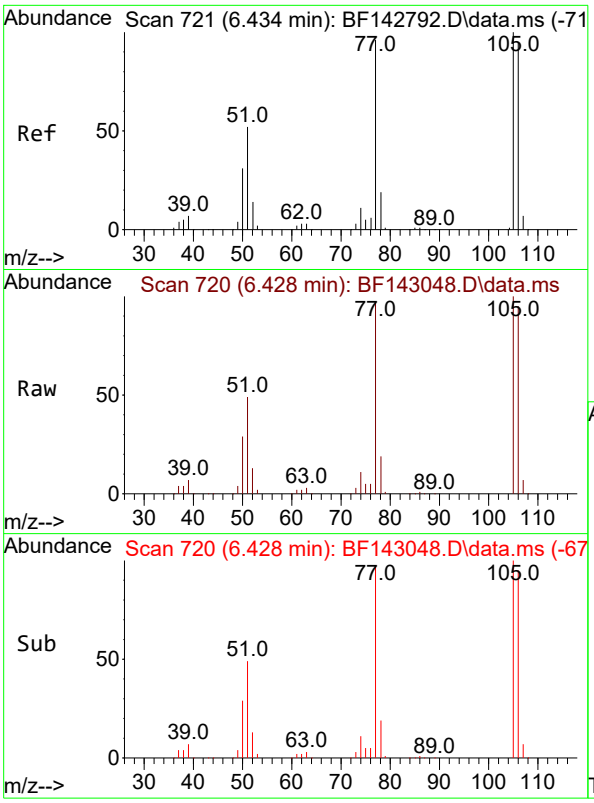


#8
2-Chlorophenol
Concen: 39.915 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



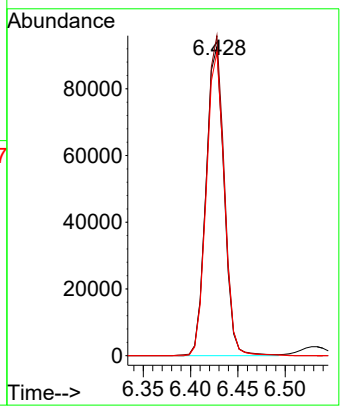


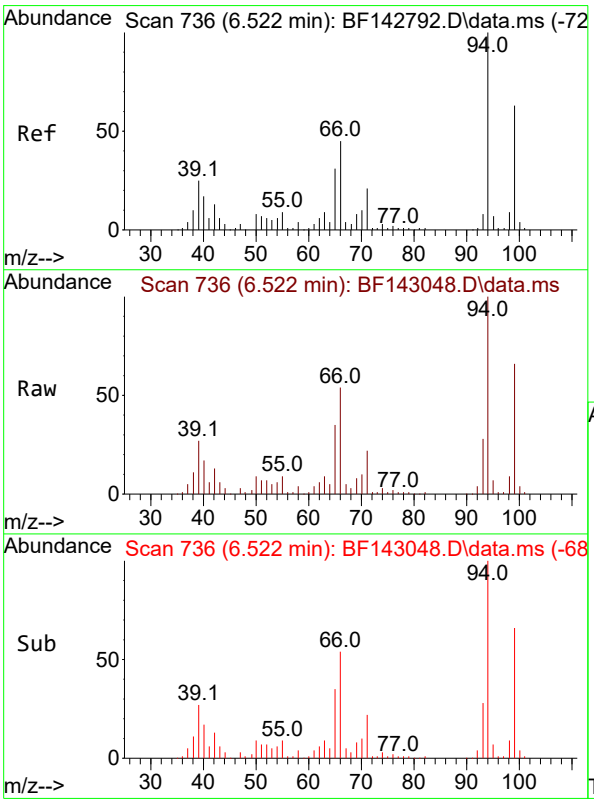
#9
Benzaldehyde
Concen: 43.636 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

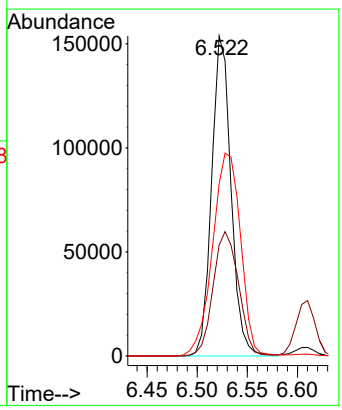


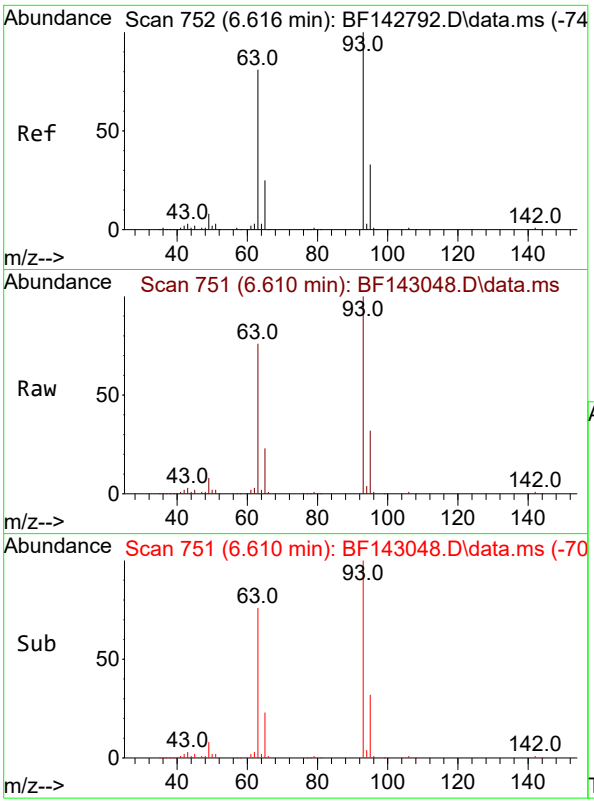


#10
Phenol
Concen: 39.308 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



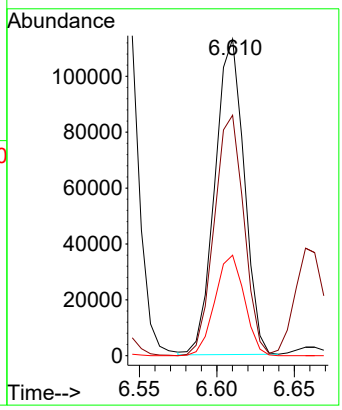


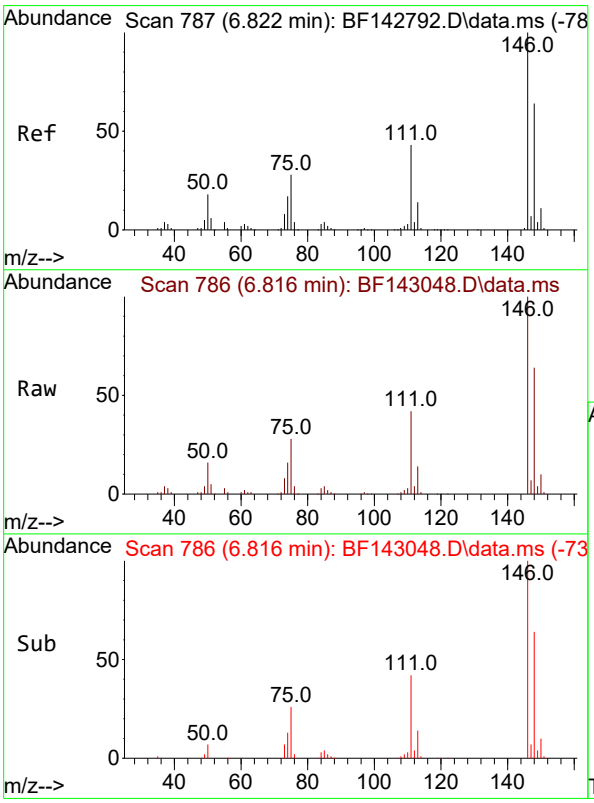
#11
bis(2-Chloroethyl)ether
Concen: 39.529 ng
RT: 6.610 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

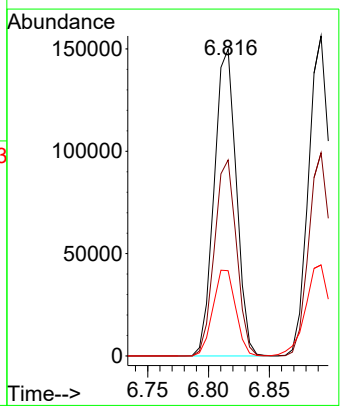


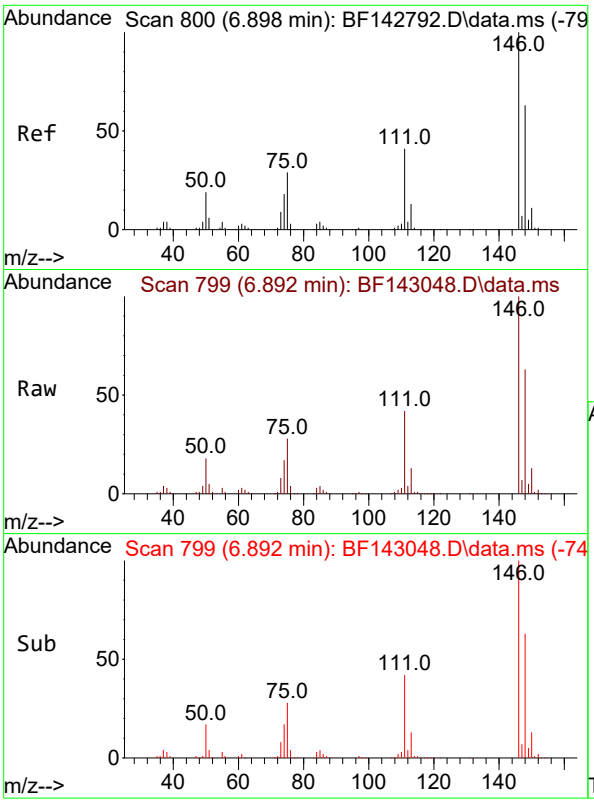


#12
1,3-Dichlorobenzene
Concen: 39.370 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



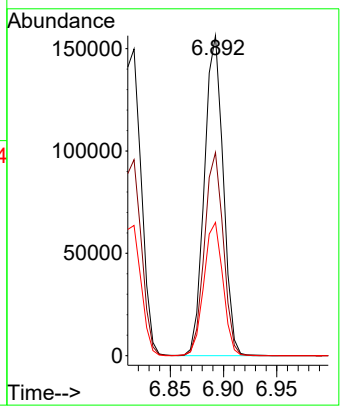


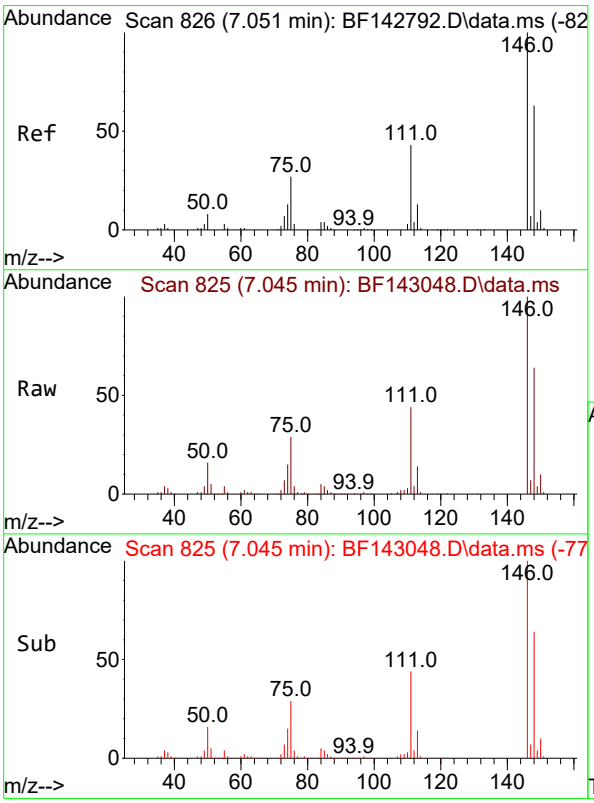
#13
1,4-Dichlorobenzene
Concen: 39.530 ng
RT: 6.892 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

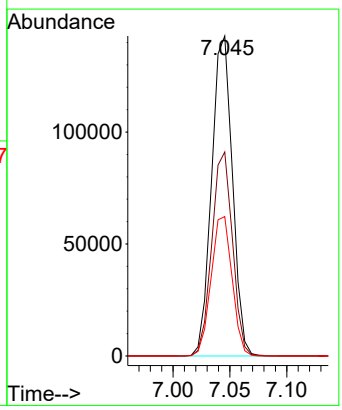


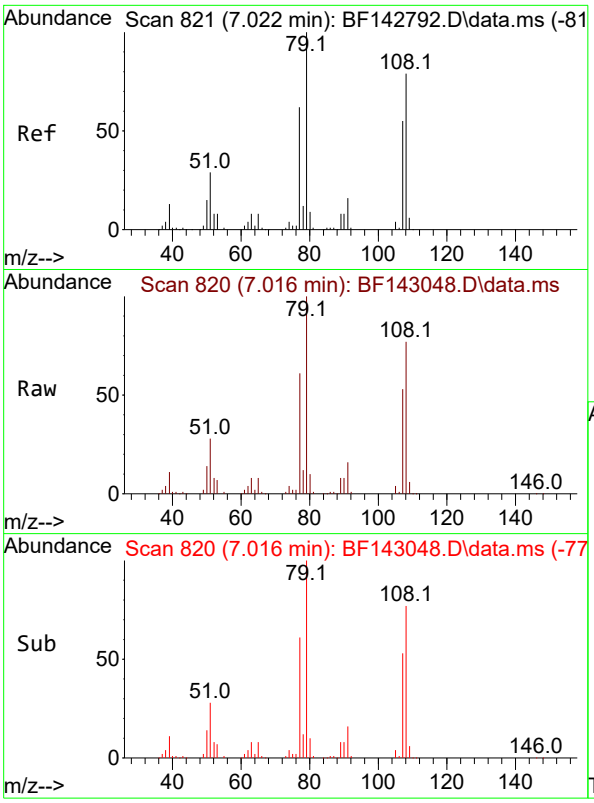


#14
1,2-Dichlorobenzene
Concen: 39.426 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



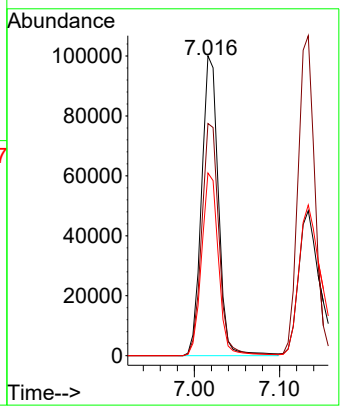


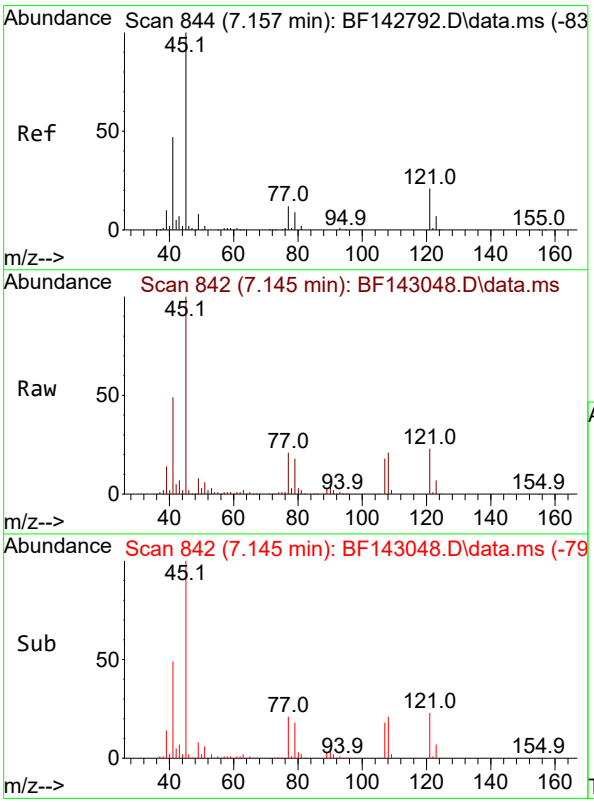
#15
Benzyl Alcohol
Concen: 40.276 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

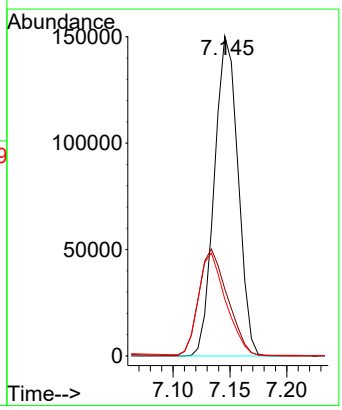


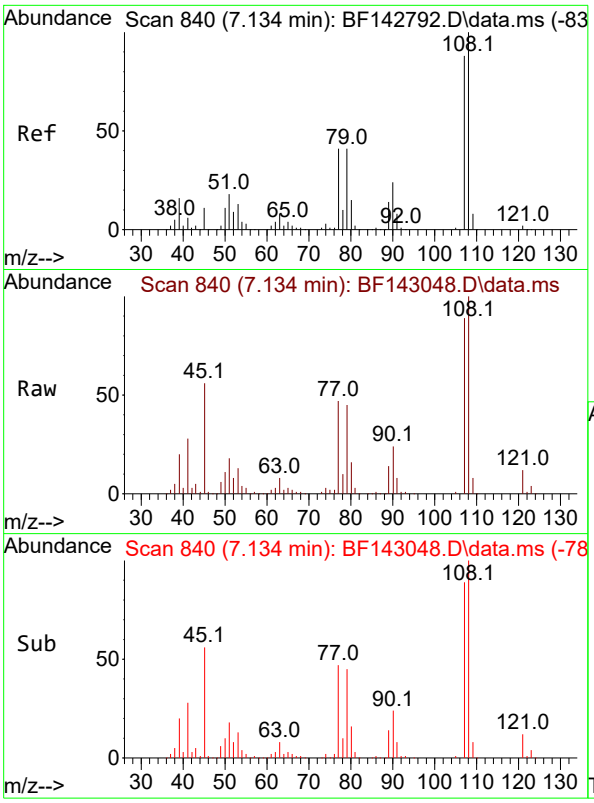


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.167 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



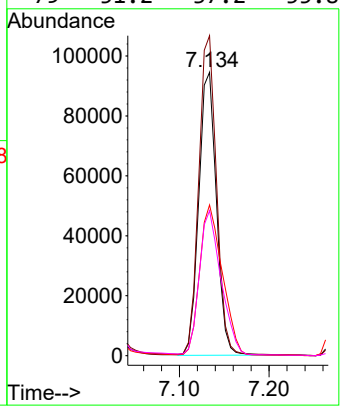


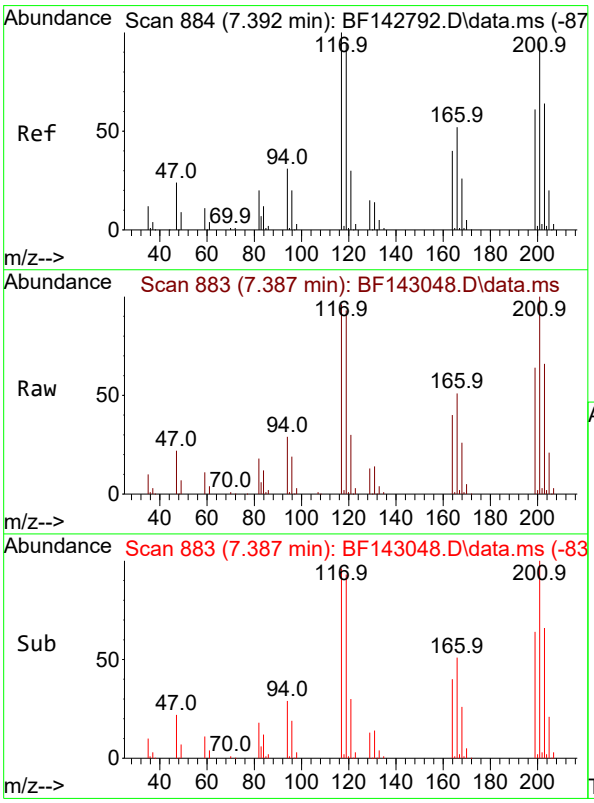
#17
2-Methylphenol
Concen: 39.442 ng
RT: 7.134 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

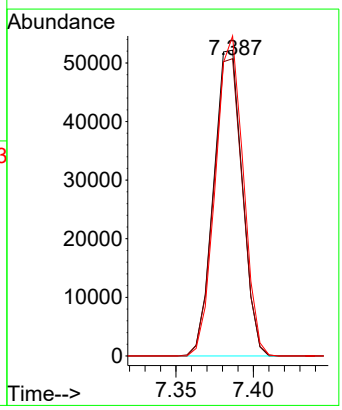


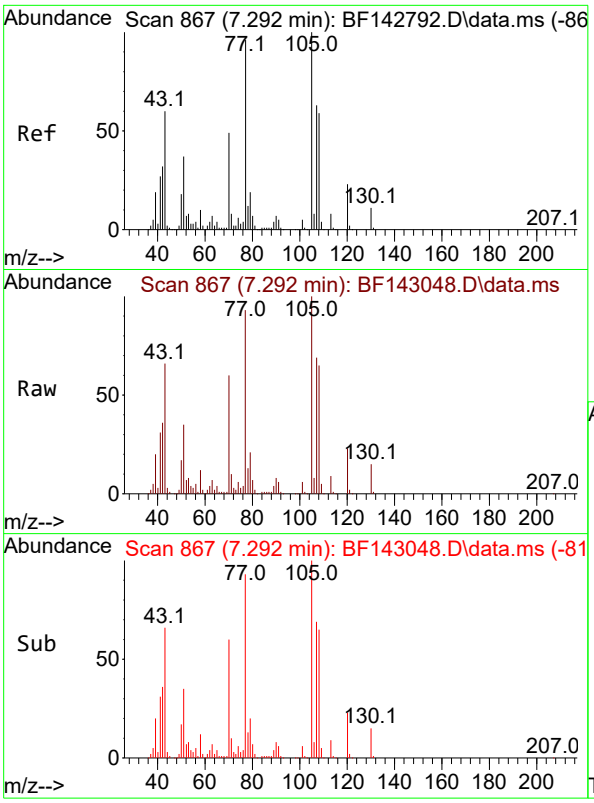


#18
Hexachloroethane
Concen: 39.381 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



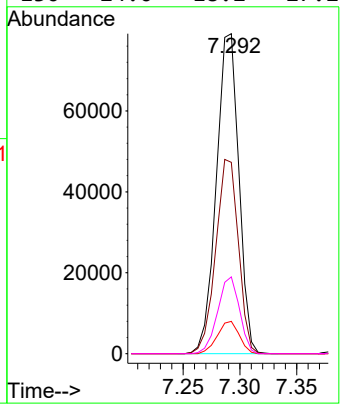


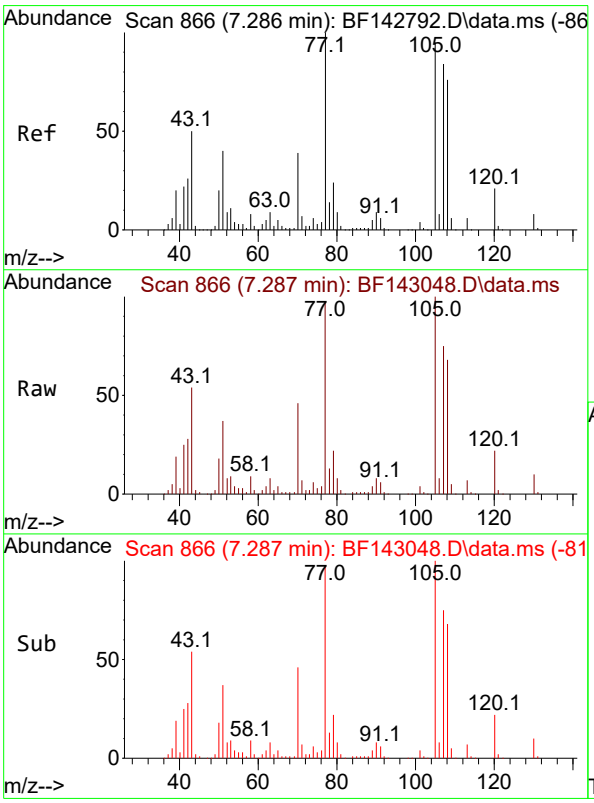
#19
n-Nitroso-di-n-propylamine
Concen: 39.730 ng
RT: 7.292 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

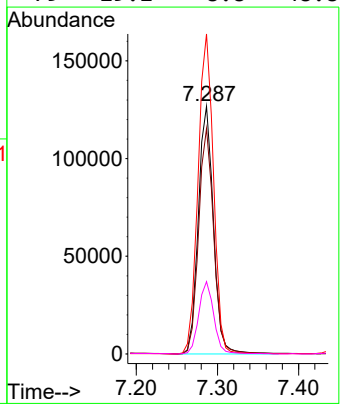


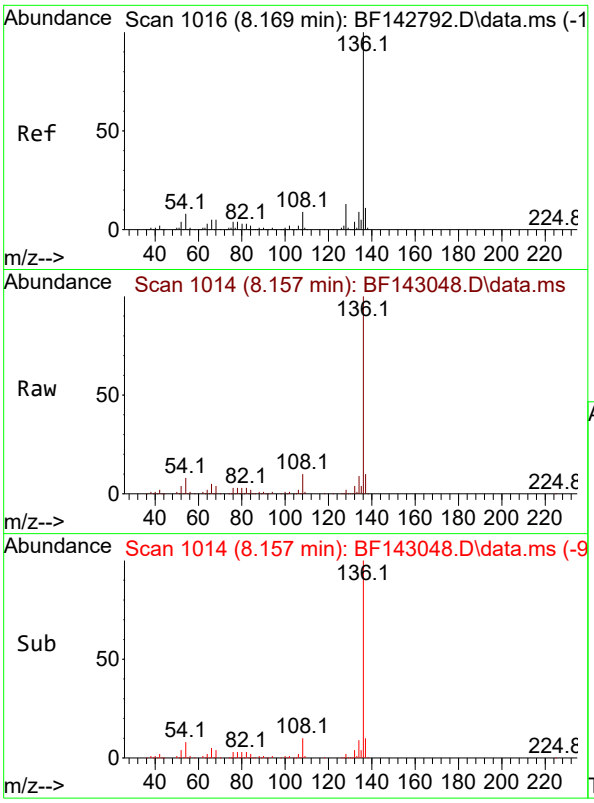


#20
3+4-Methylphenols
Concen: 40.452 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



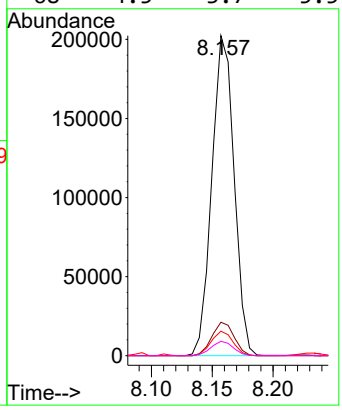


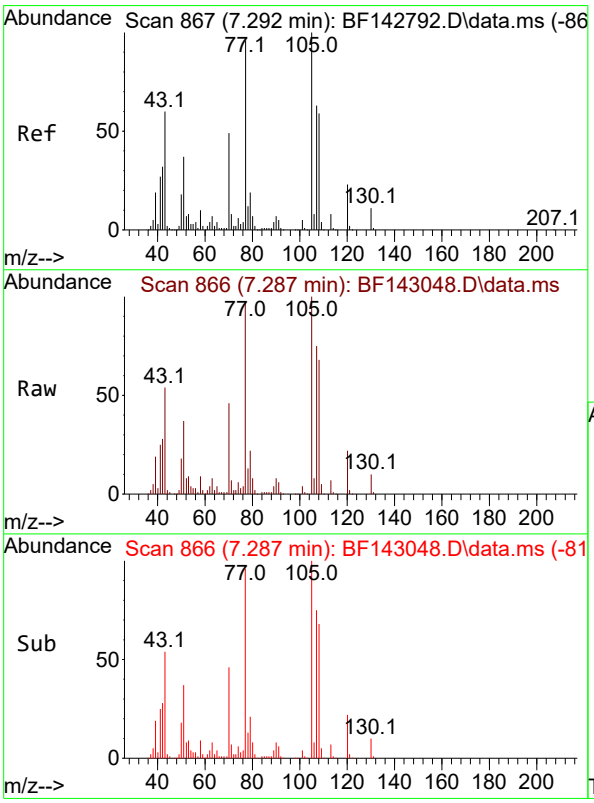
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

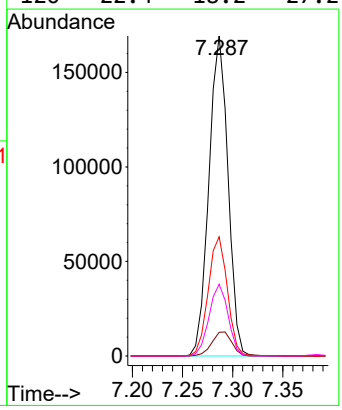


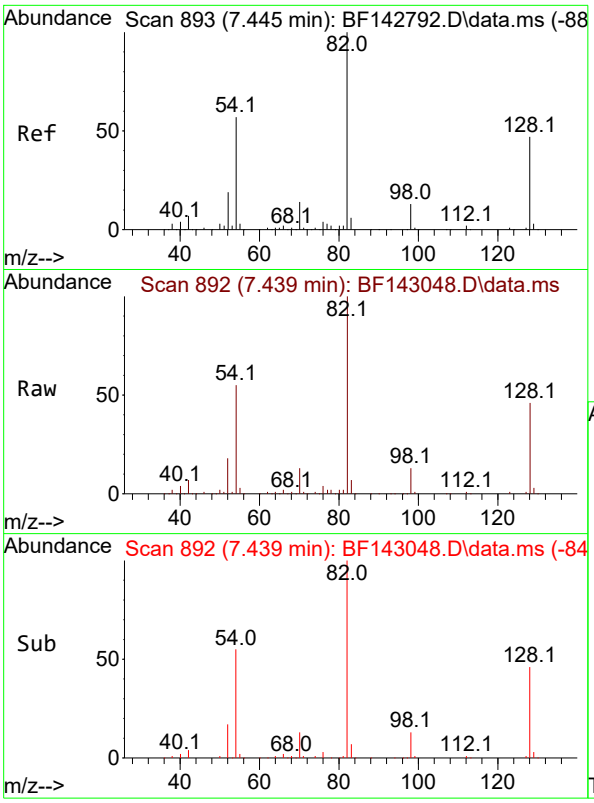


#22
Acetophenone
Concen: 39.455 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



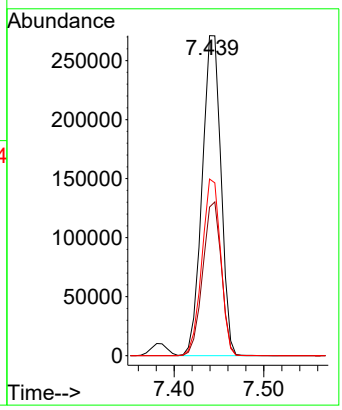


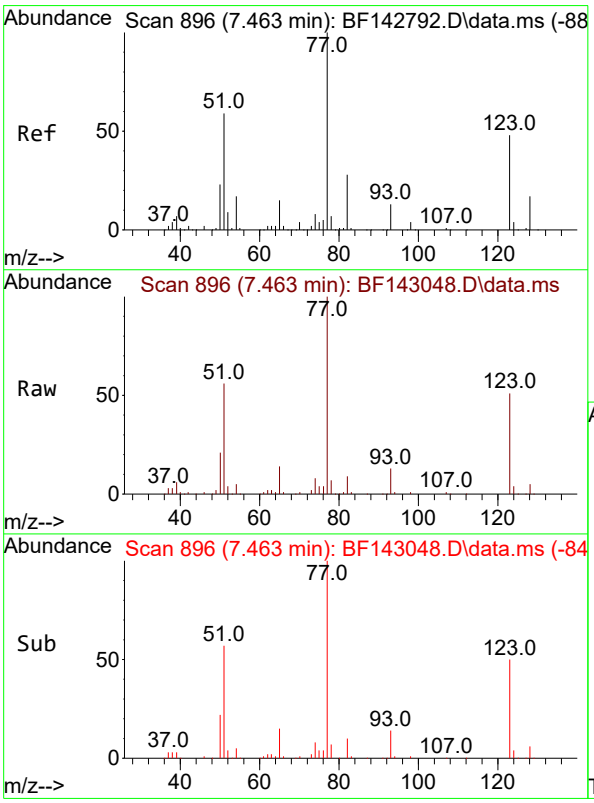
#23
Nitrobenzene-d5
Concen: 84.131 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

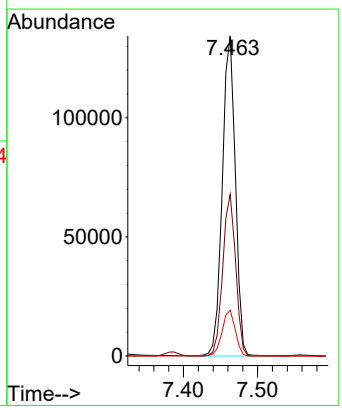


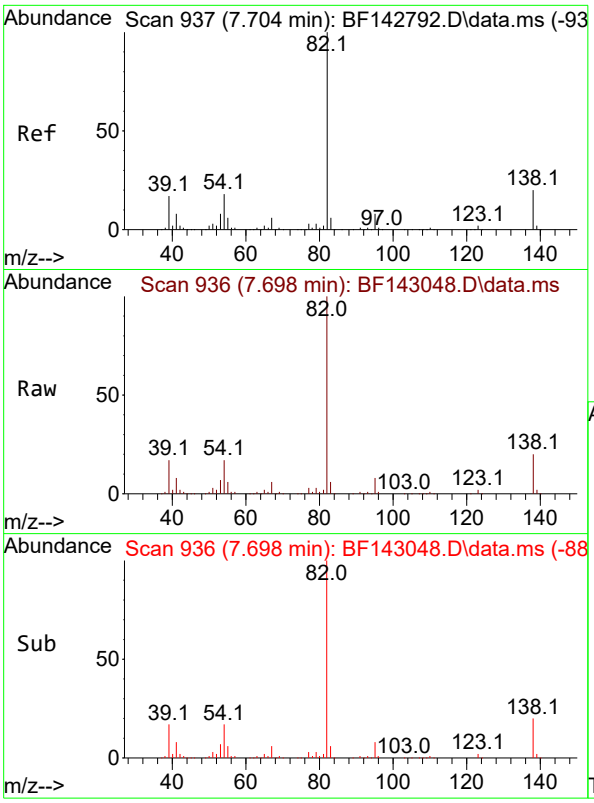


#24
Nitrobenzene
Concen: 38.894 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



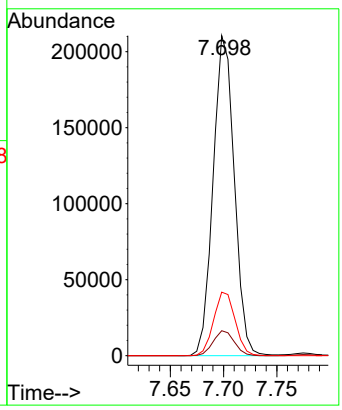


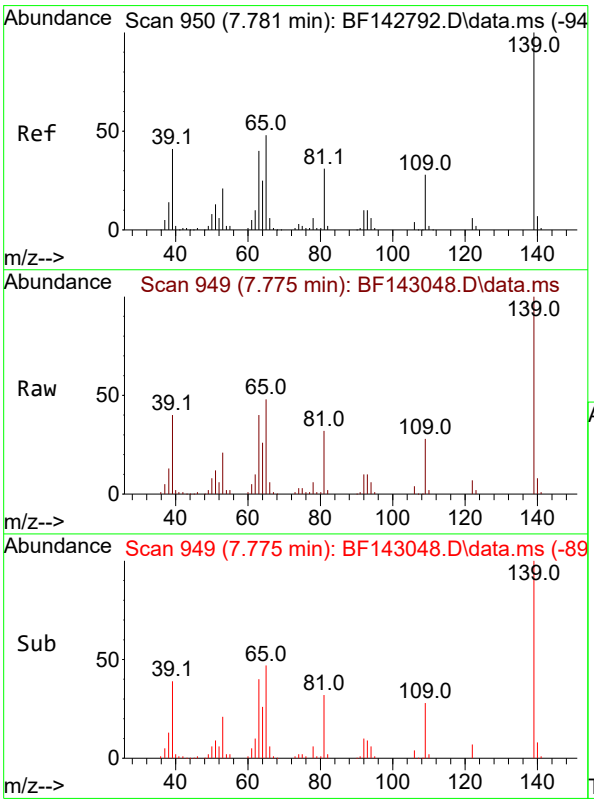
#25
Isophorone
Concen: 38.685 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

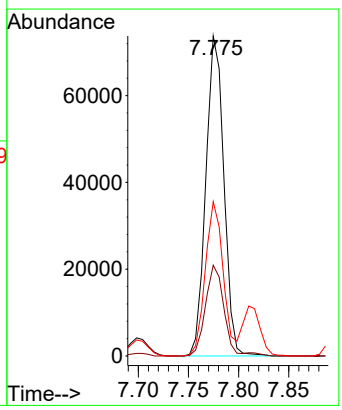


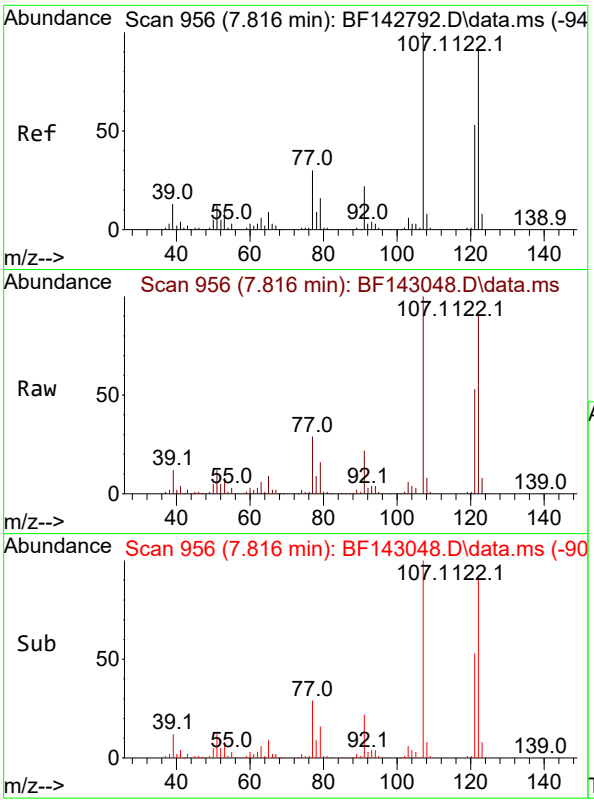


#26
2-Nitrophenol
Concen: 39.996 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



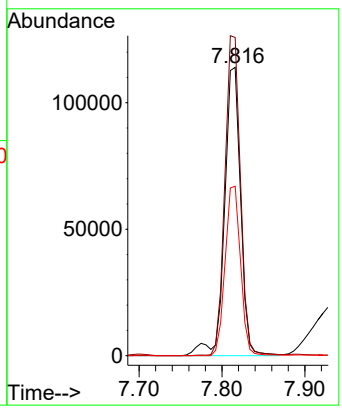


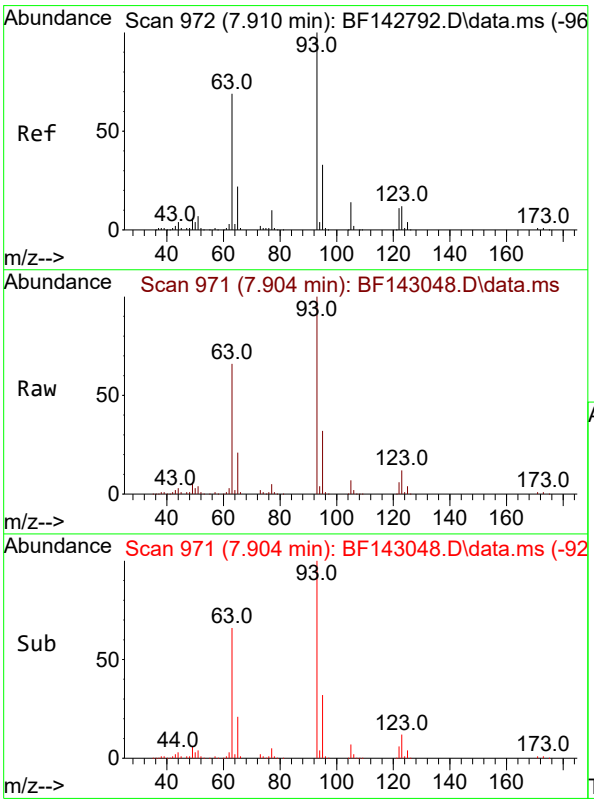
#27
2,4-Dimethylphenol
Concen: 38.323 ng m
RT: 7.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

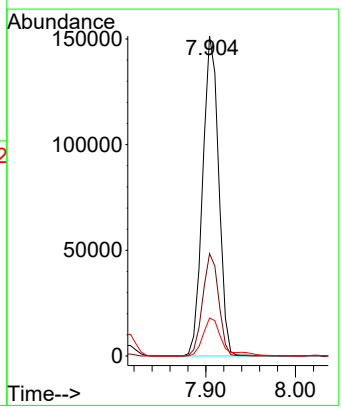


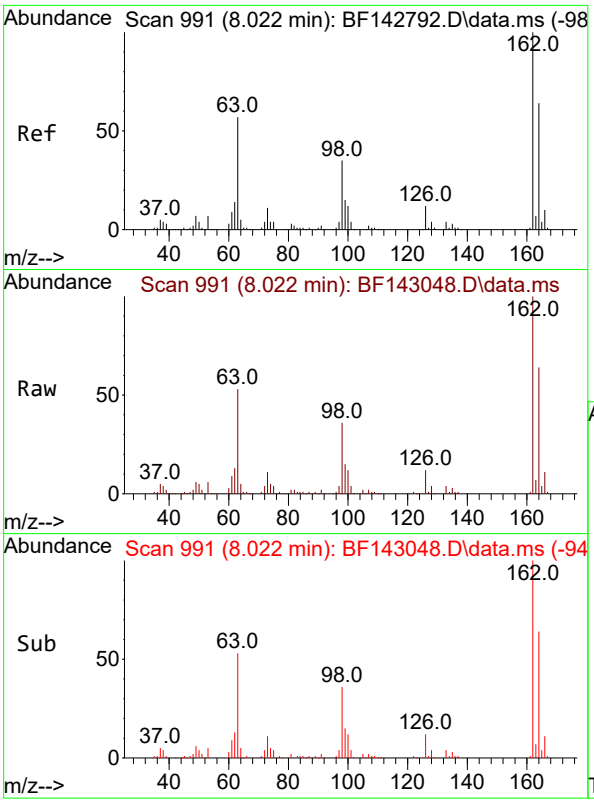


#28
bis(2-Chloroethoxy)methane
Concen: 39.139 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



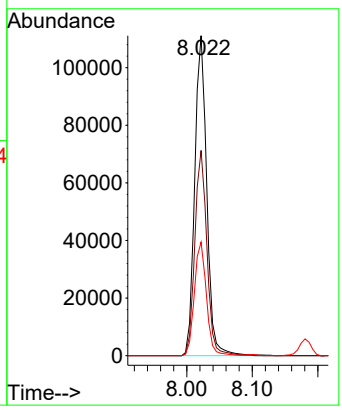


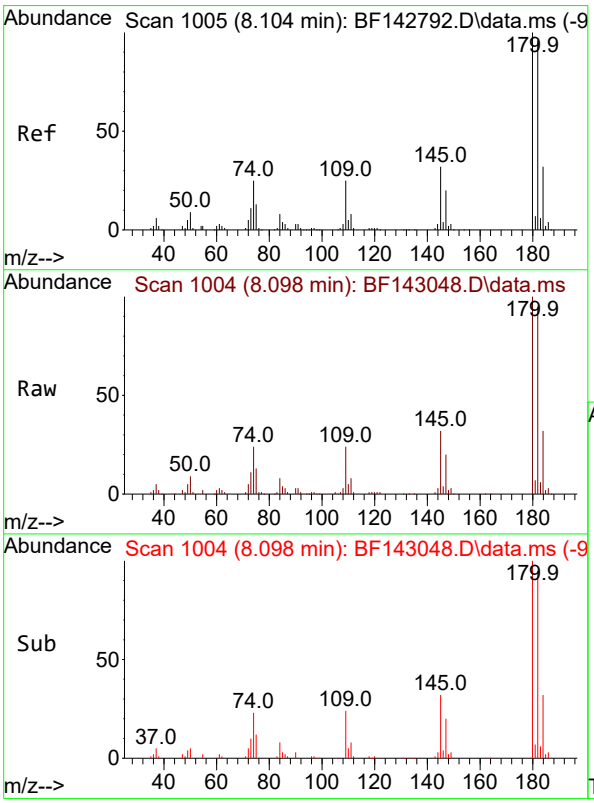
#29
2,4-Dichlorophenol
Concen: 39.186 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

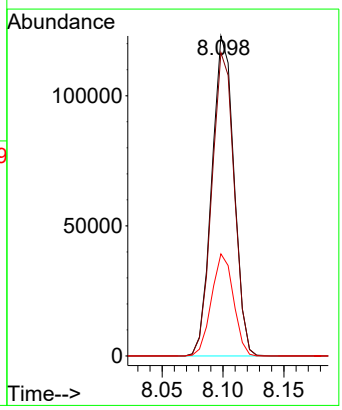


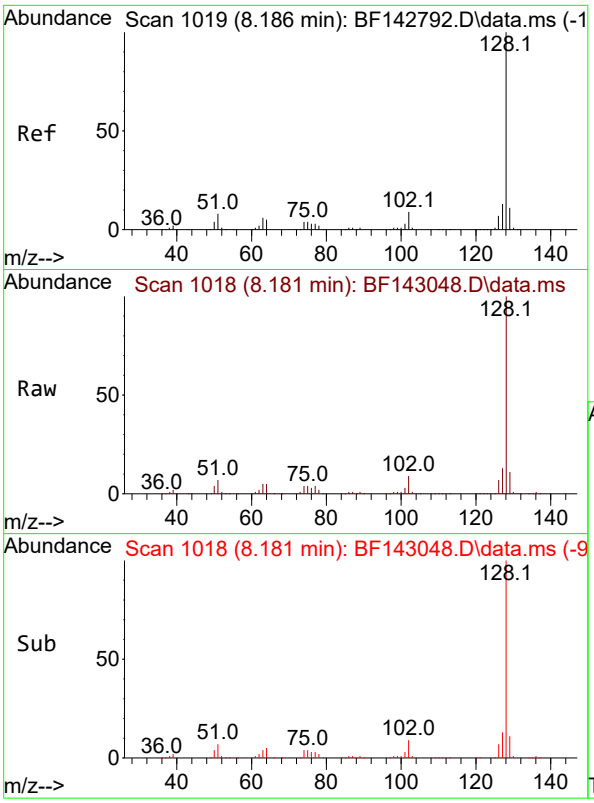


#30
1,2,4-Trichlorobenzene
Concen: 38.924 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



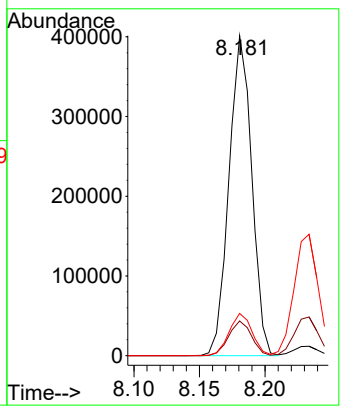


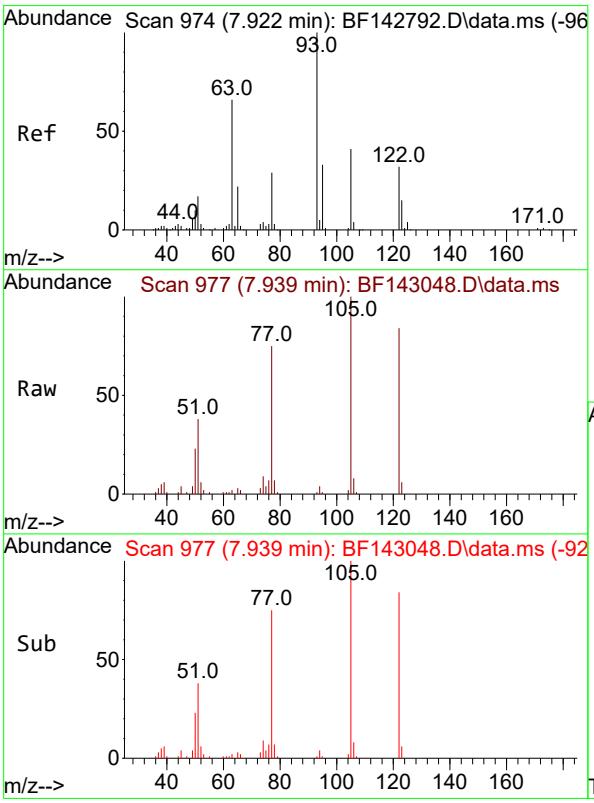
#31
Naphthalene
Concen: 38.510 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

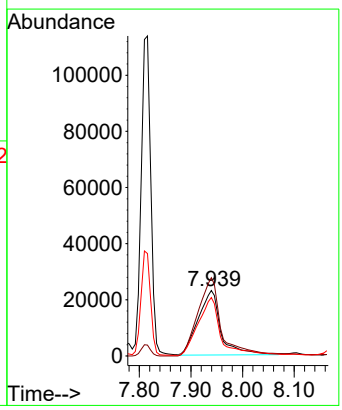


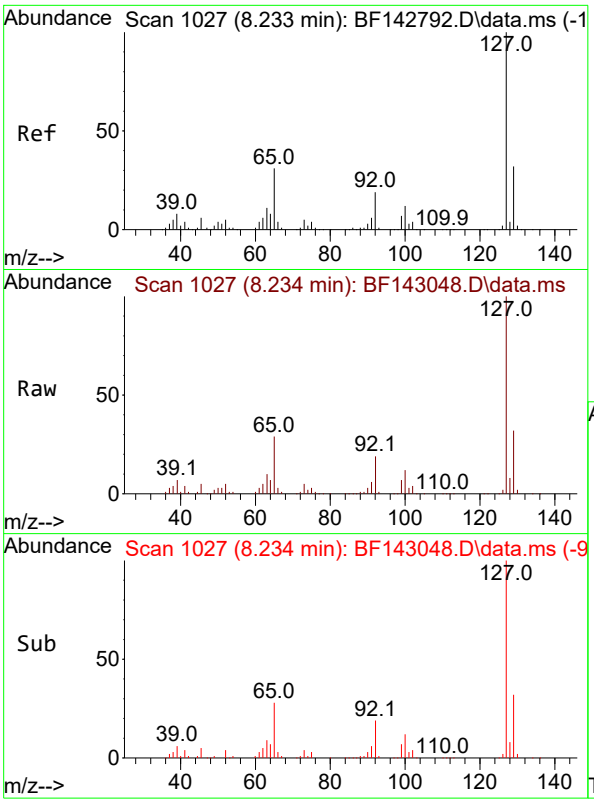


#32
Benzoic acid
Concen: 34.368 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



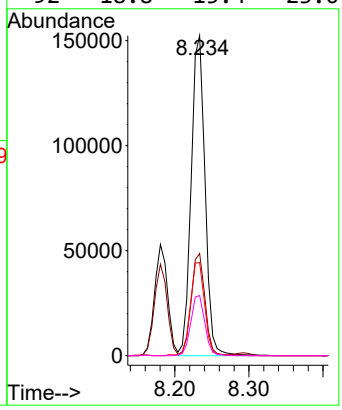


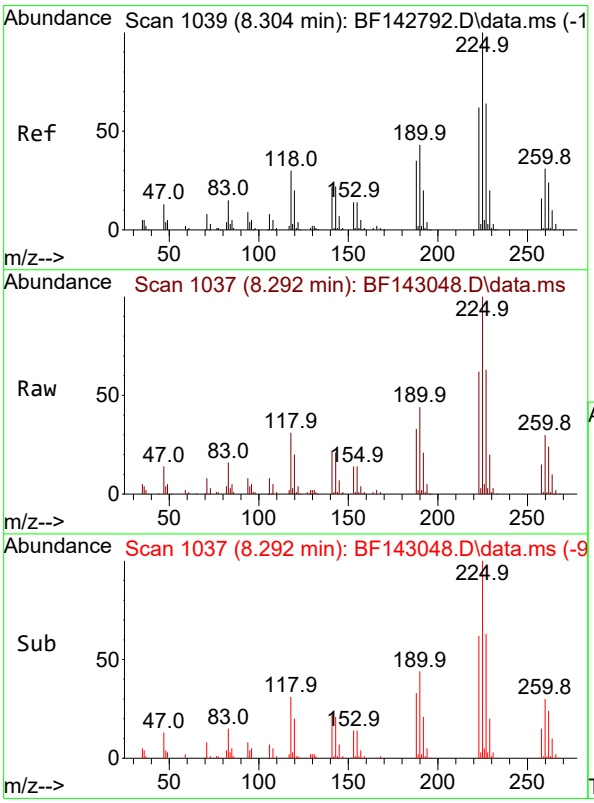
#33
4-Chloroaniline
Concen: 38.729 ng
RT: 8.234 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

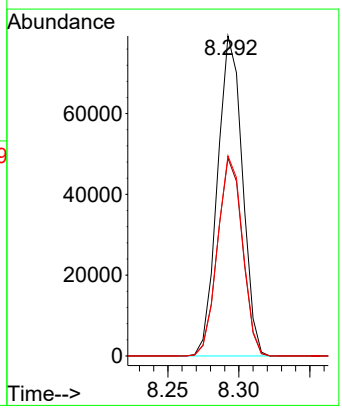


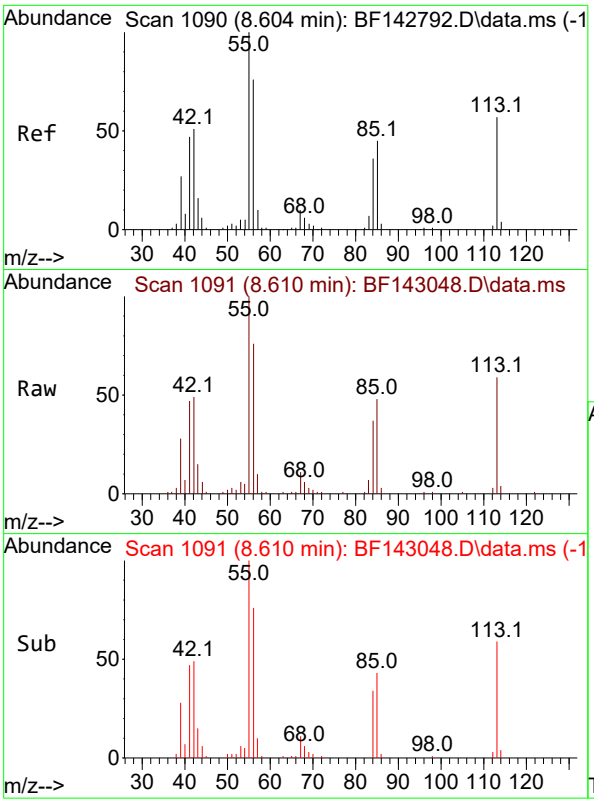


#34
Hexachlorobutadiene
Concen: 39.459 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



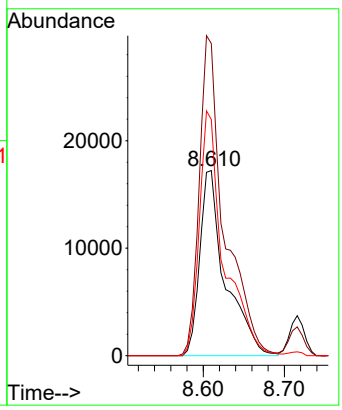


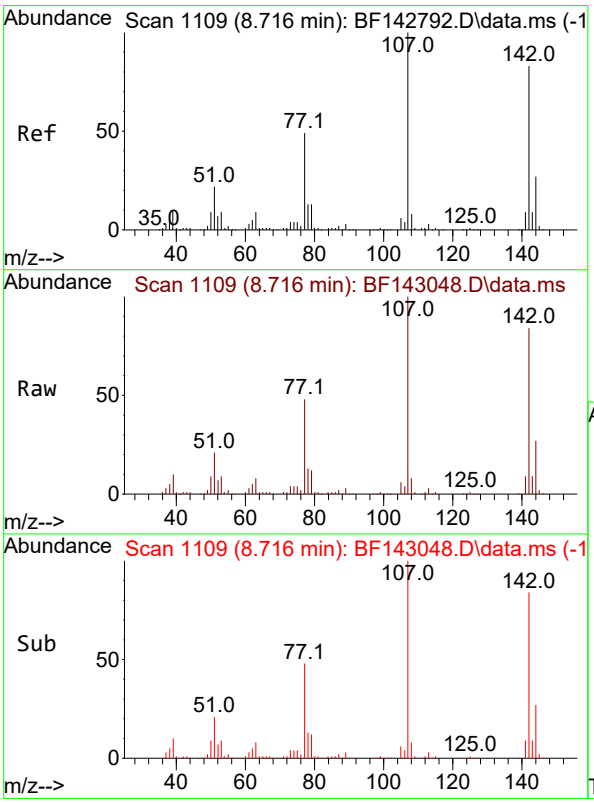
#35
Caprolactam
Concen: 39.295 ng
RT: 8.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

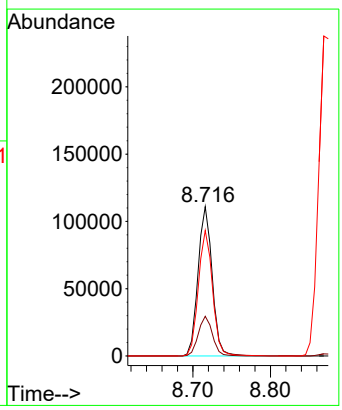


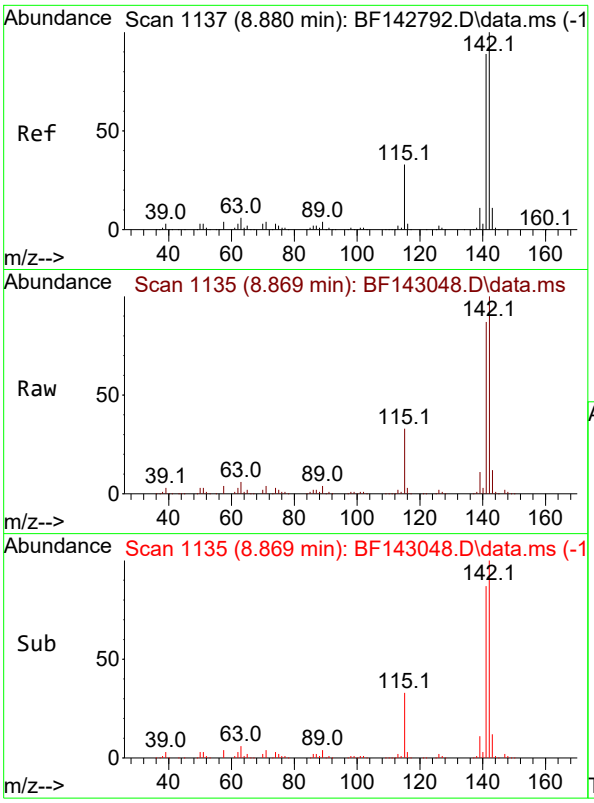


#36
4-Chloro-3-methylphenol
Concen: 39.110 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



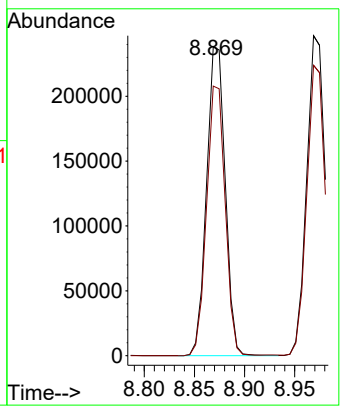


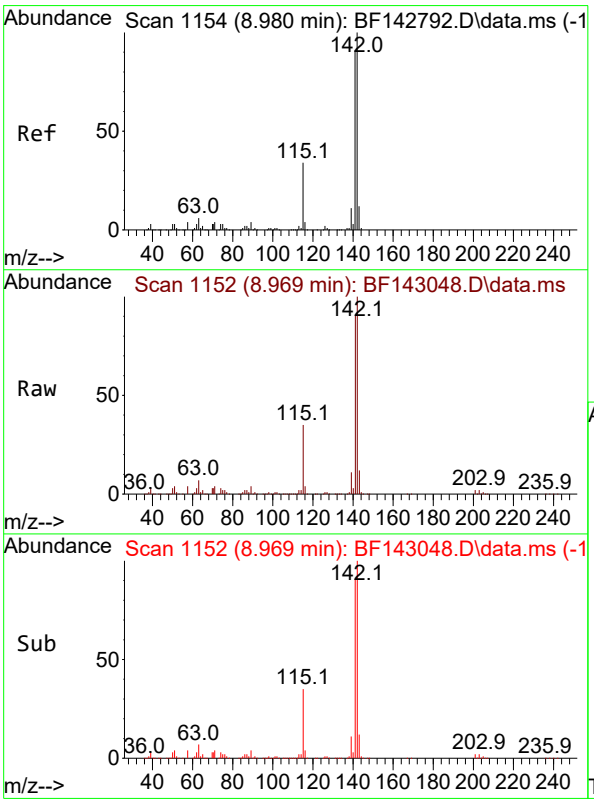
#37
2-Methylnaphthalene
Concen: 39.399 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 307684

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.9	106.3

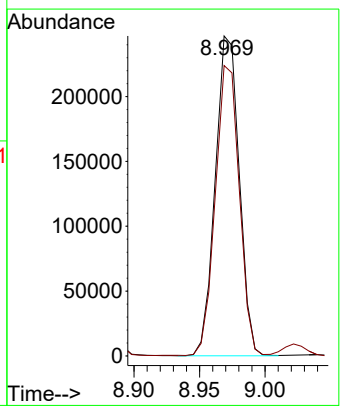


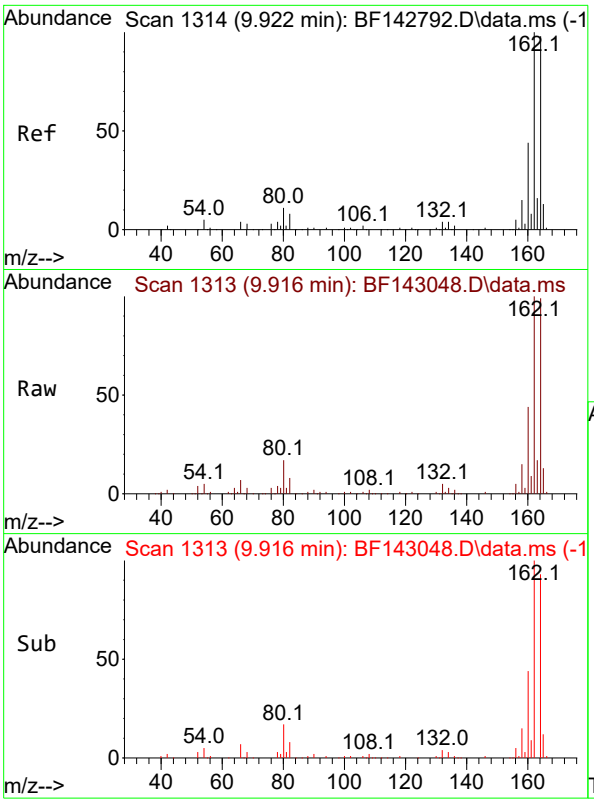


#38
1-Methylnaphthalene
Concen: 38.726 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

Tgt Ion:142 Resp: 313072

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.4



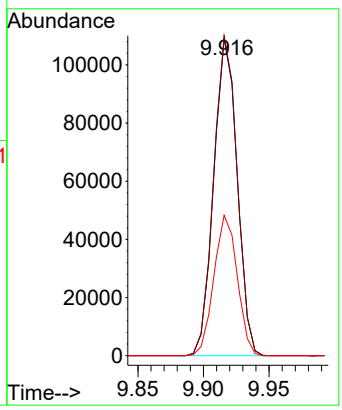


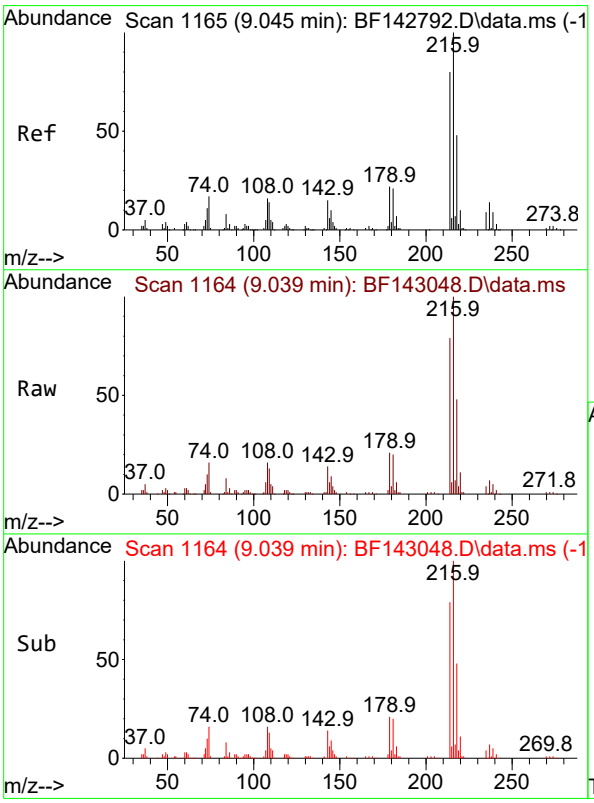
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

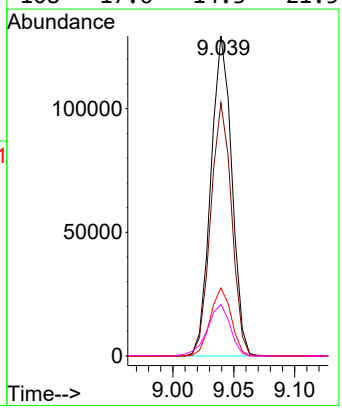


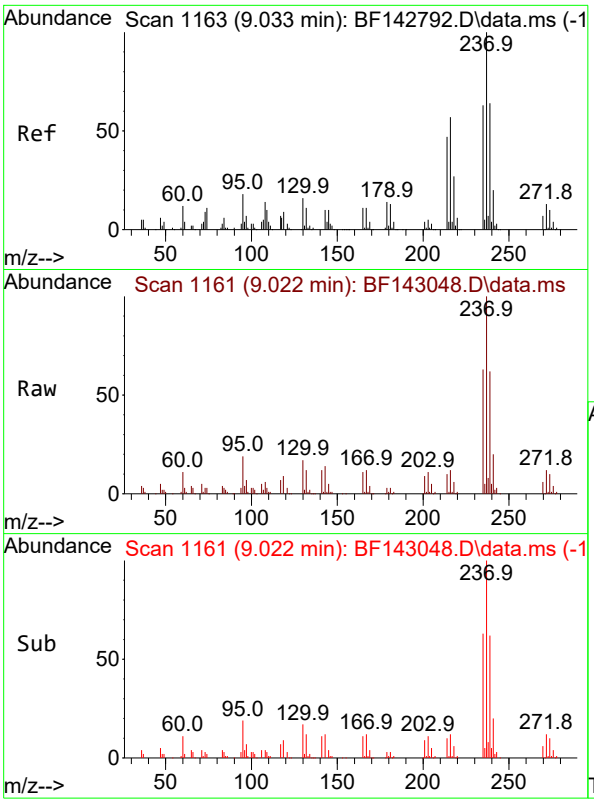


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.800 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



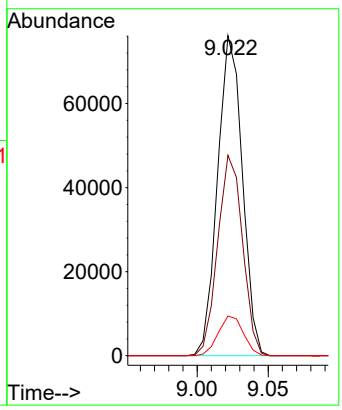


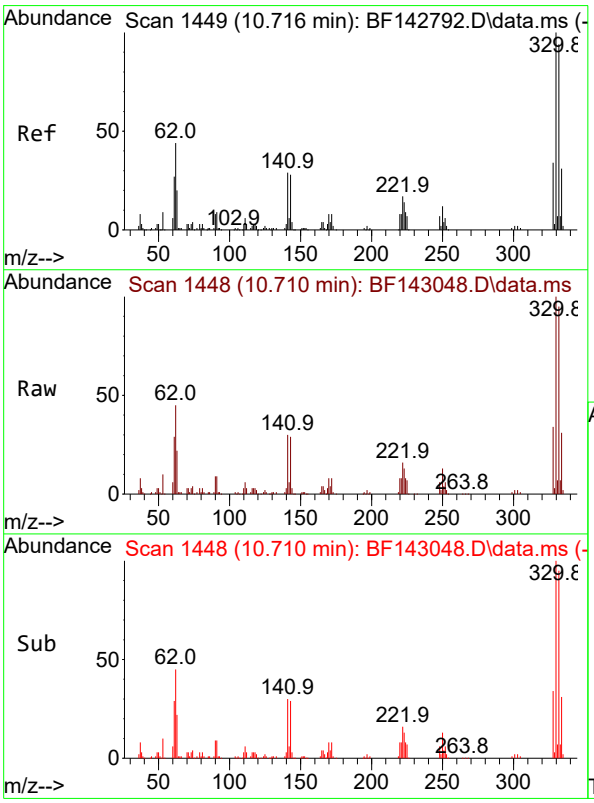
#41
Hexachlorocyclopentadiene
Concen: 40.772 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

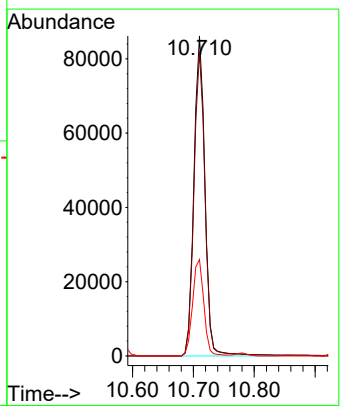


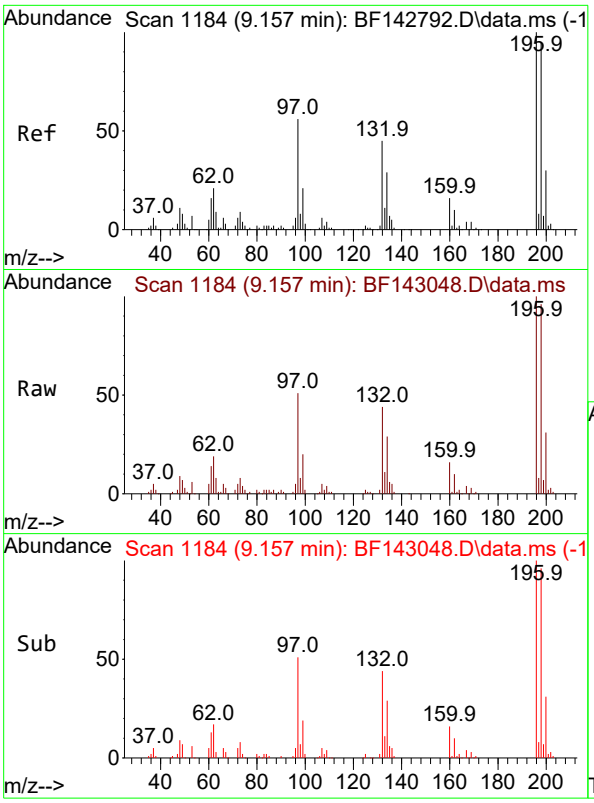


#42
2,4,6-Tribromophenol
Concen: 78.425 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



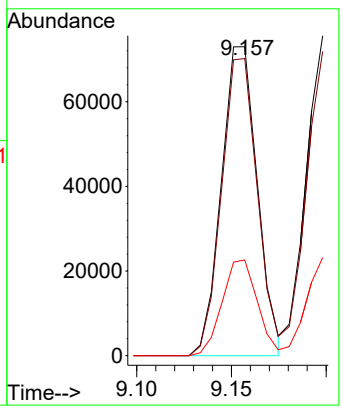


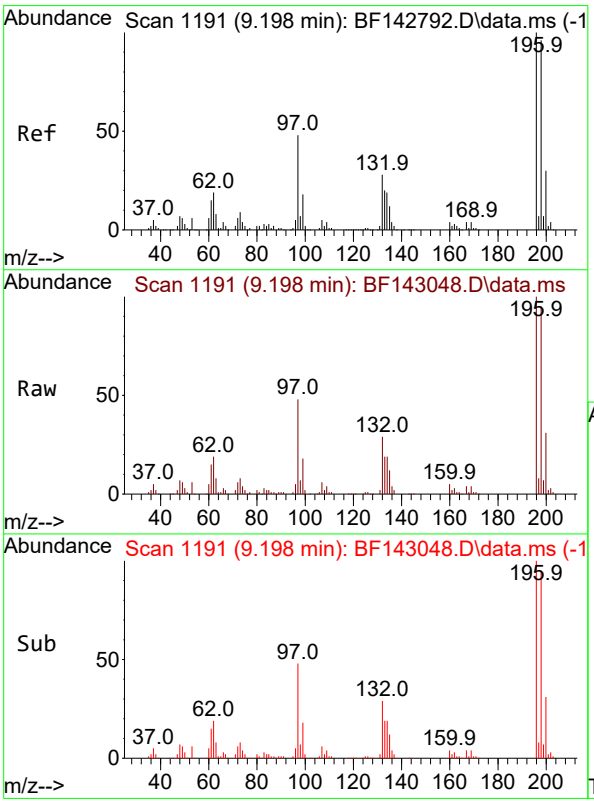
#43
2,4,6-Trichlorophenol
Concen: 37.080 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

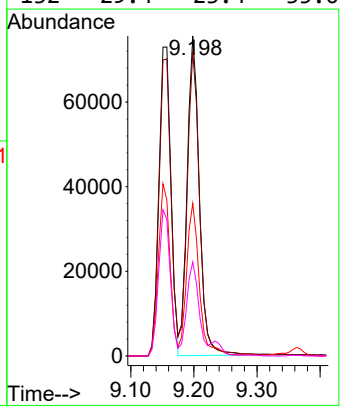


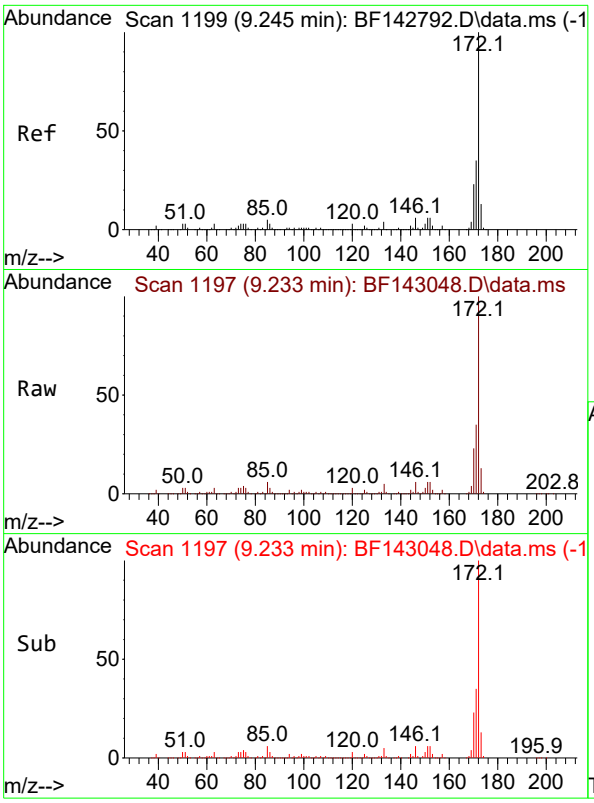


#44
2,4,5-Trichlorophenol
Concen: 37.440 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



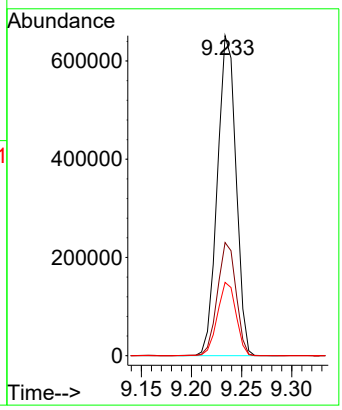


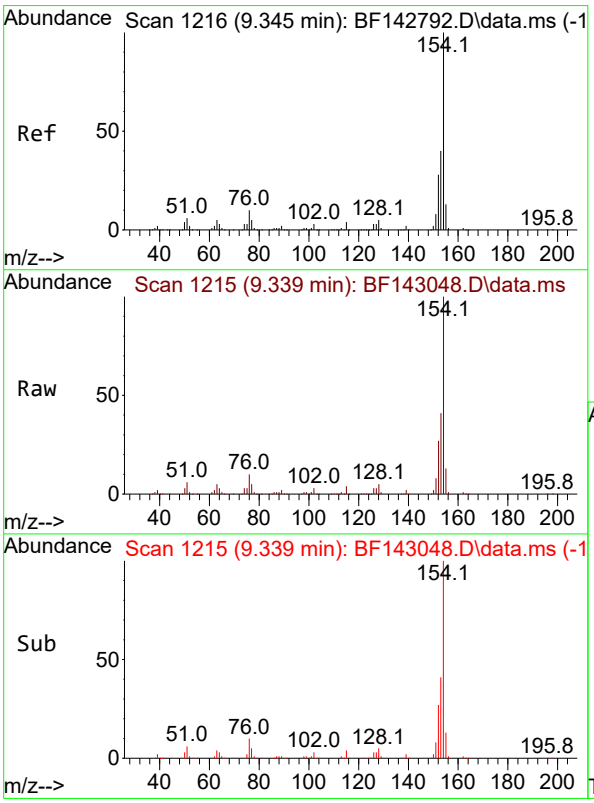
#45
2-Fluorobiphenyl
Concen: 81.687 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

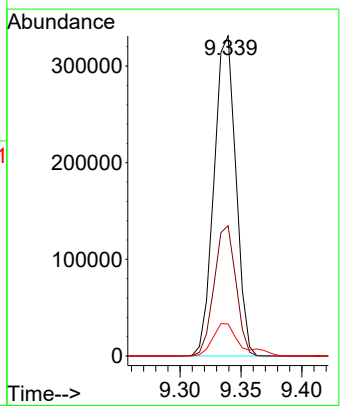


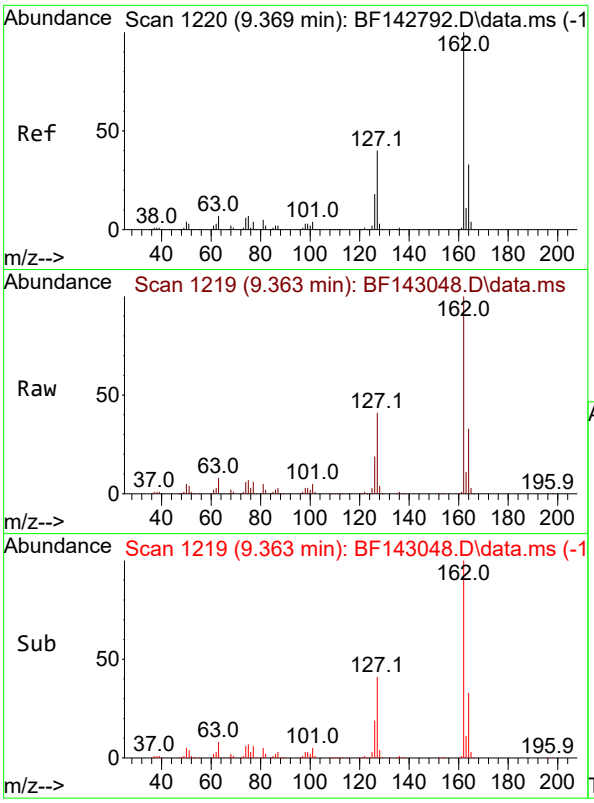


#46
1,1'-Biphenyl
Concen: 38.796 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



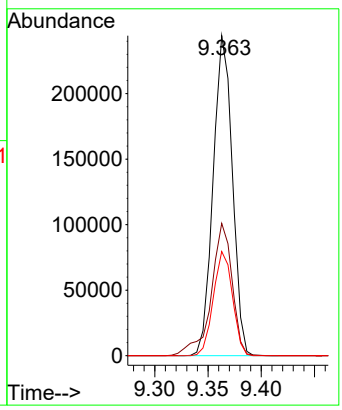


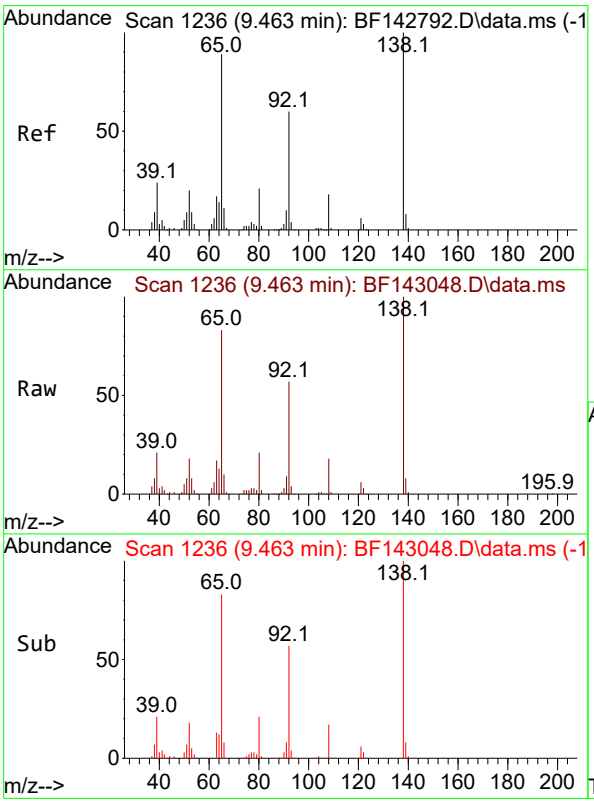
#47
2-Chloronaphthalene
Concen: 38.255 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

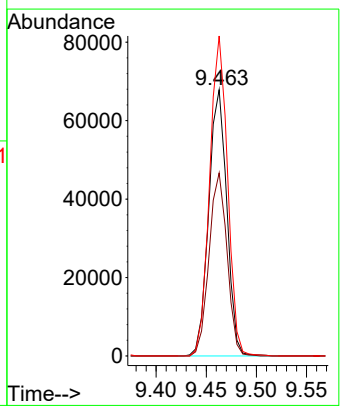


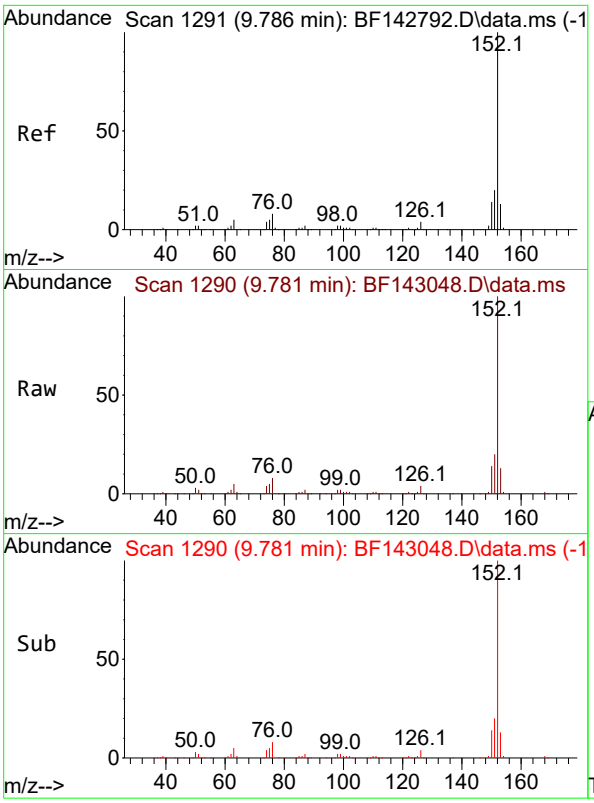


#48
2-Nitroaniline
Concen: 38.099 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



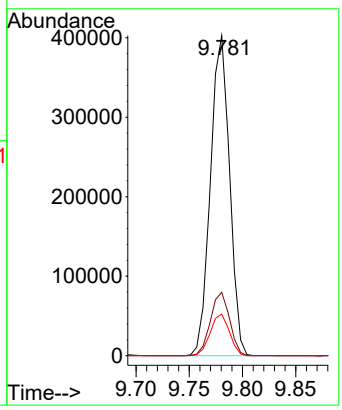


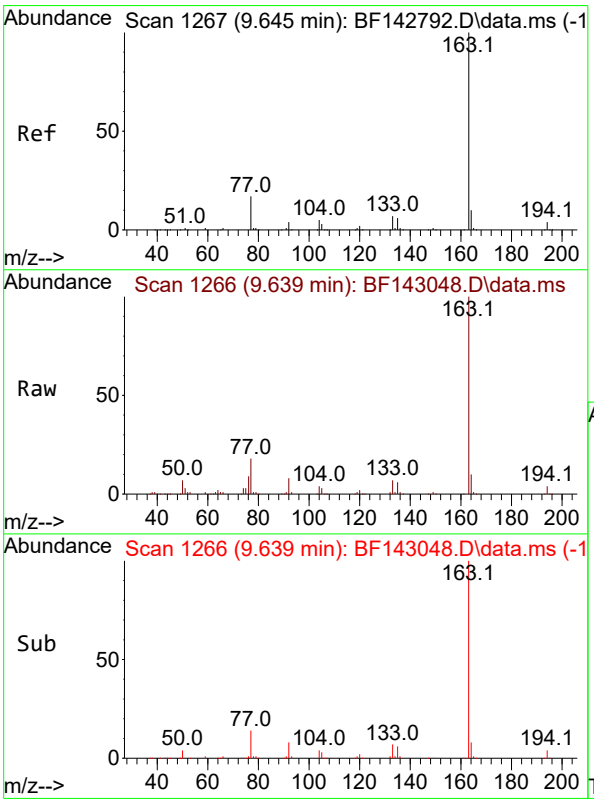
#49
Acenaphthylene
Concen: 38.176 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

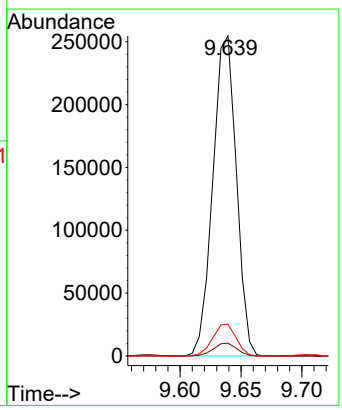


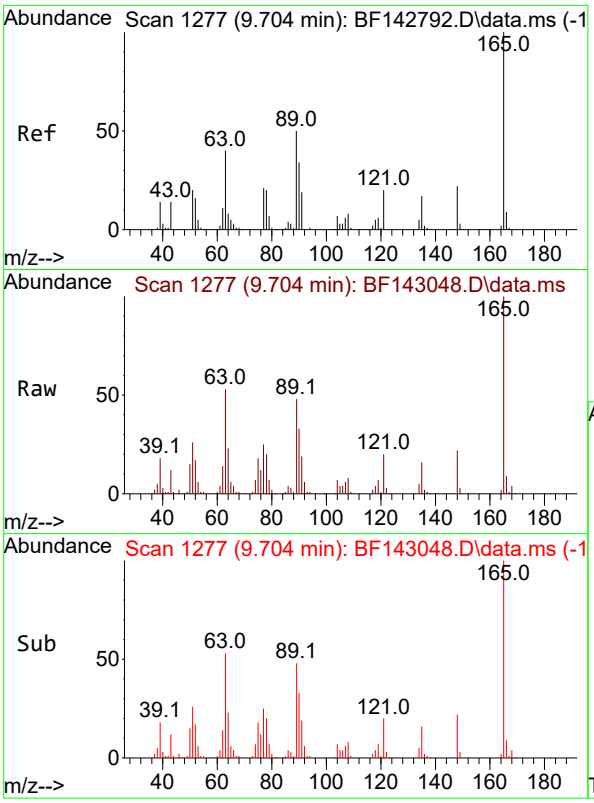


#50
Dimethylphthalate
Concen: 39.177 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



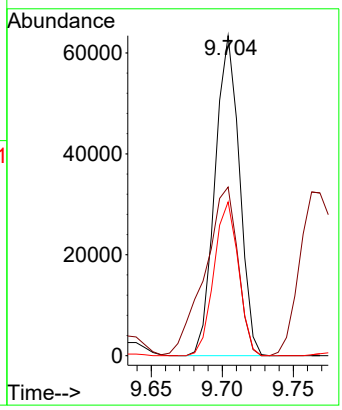


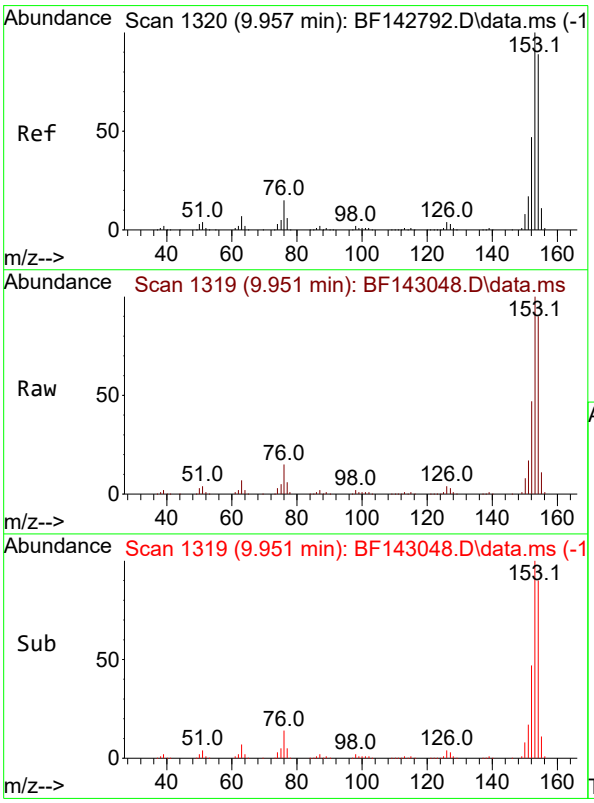
#51
2,6-Dinitrotoluene
Concen: 39.500 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

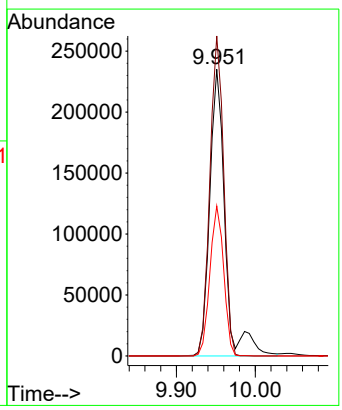


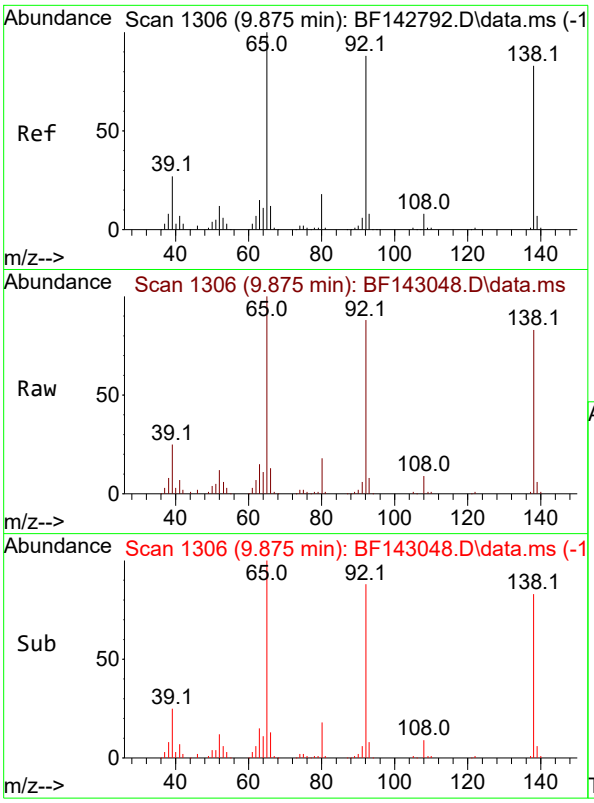


#52
Acenaphthene
Concen: 39.371 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



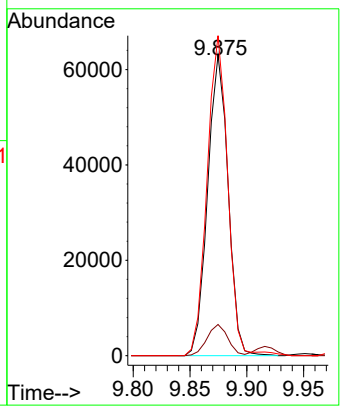


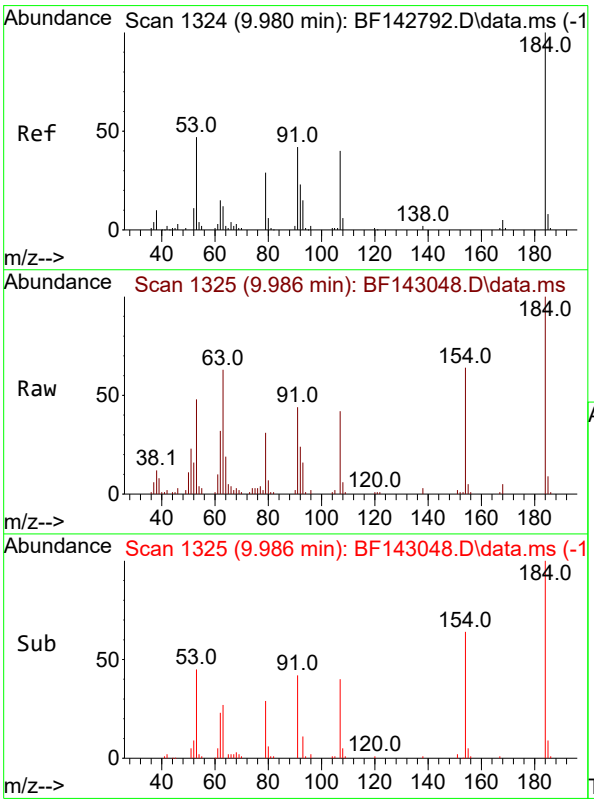
#53
3-Nitroaniline
Concen: 37.342 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

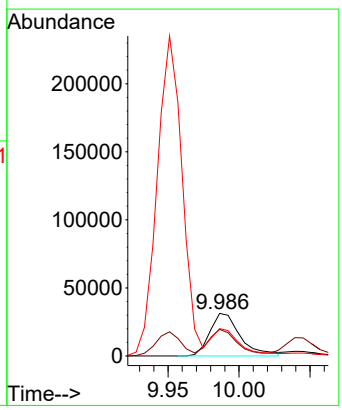


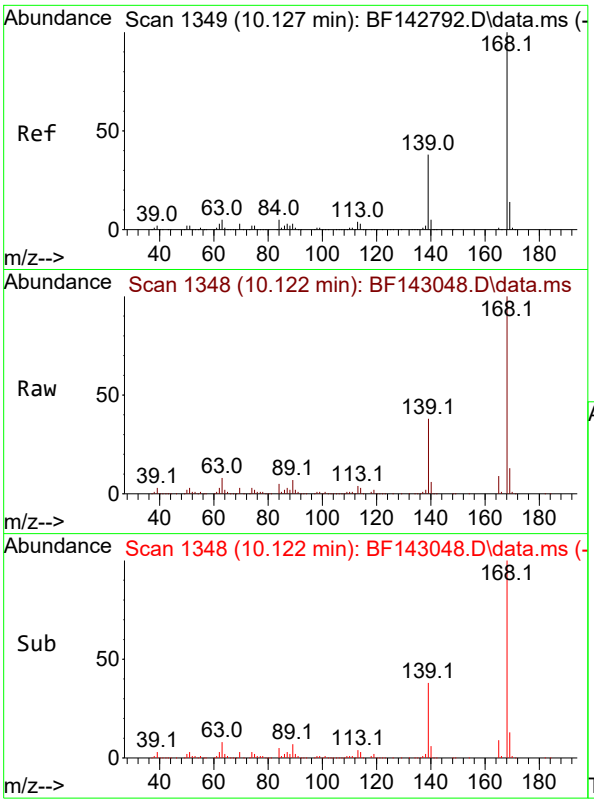


#54
2,4-Dinitrophenol
Concen: 48.583 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



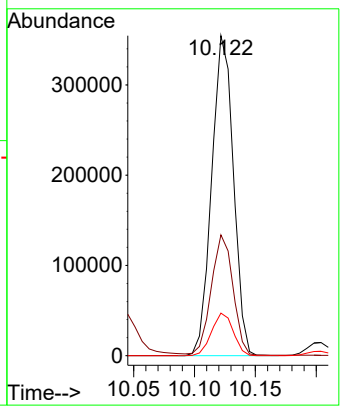


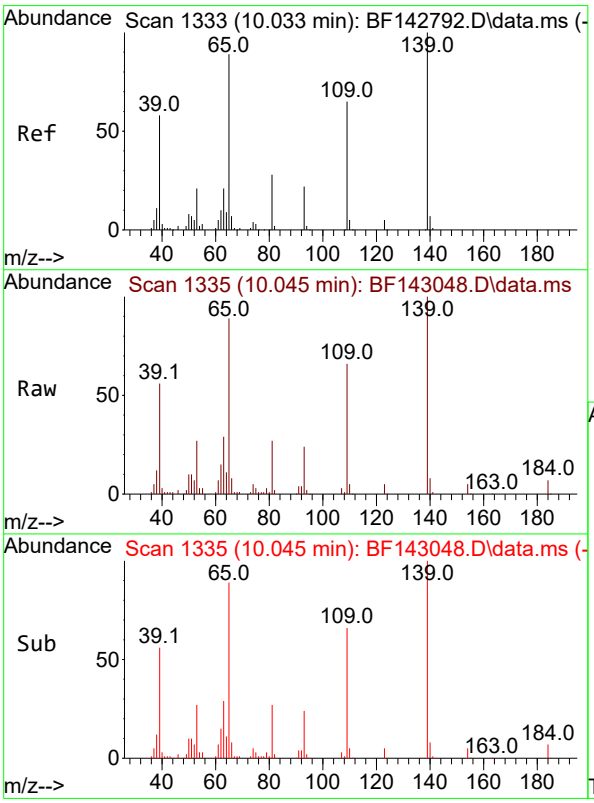
#55
Dibenzofuran
Concen: 38.190 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

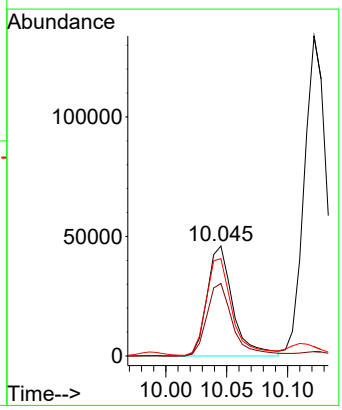


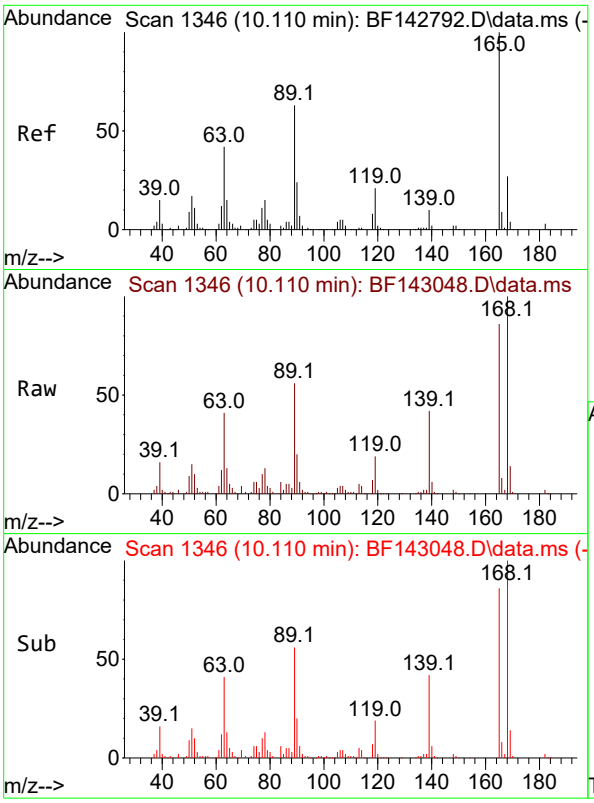


#56
4-Nitrophenol
Concen: 46.654 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



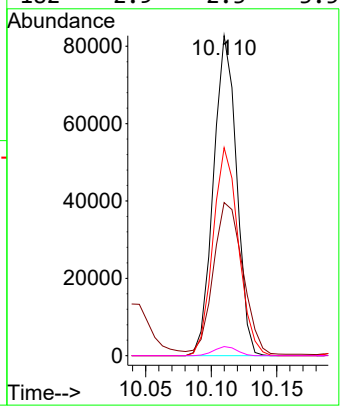


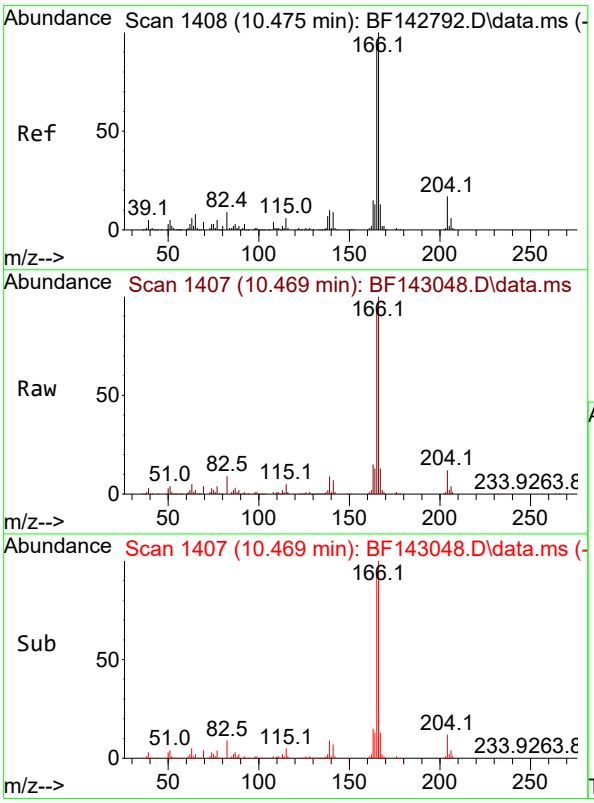
#57
2,4-Dinitrotoluene
Concen: 39.687 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

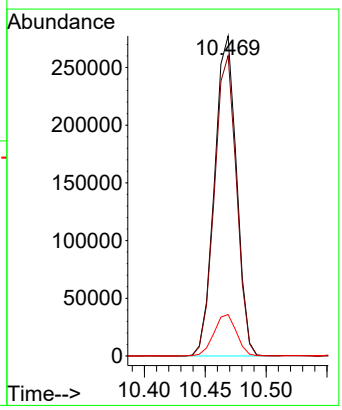


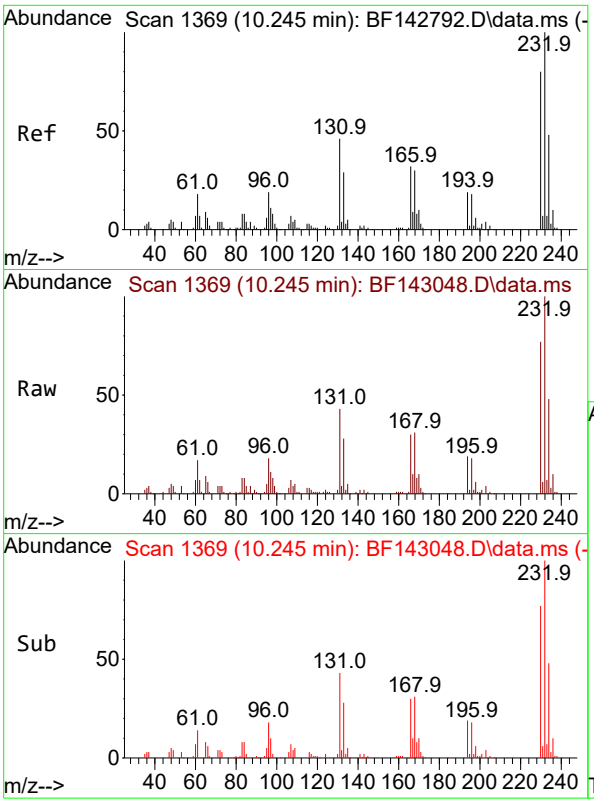


#58
Fluorene
Concen: 38.743 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



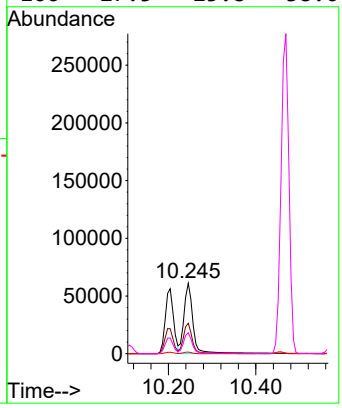


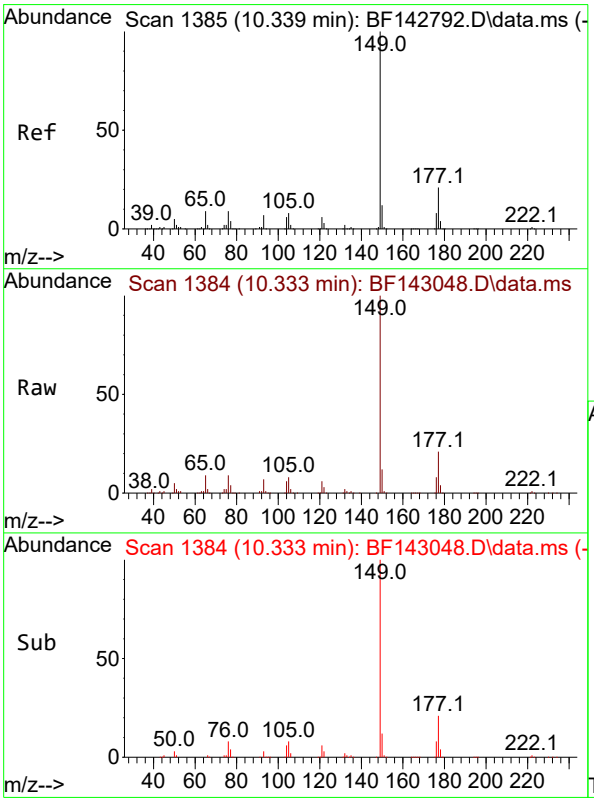
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.043 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

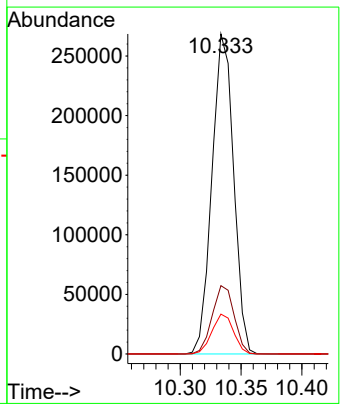


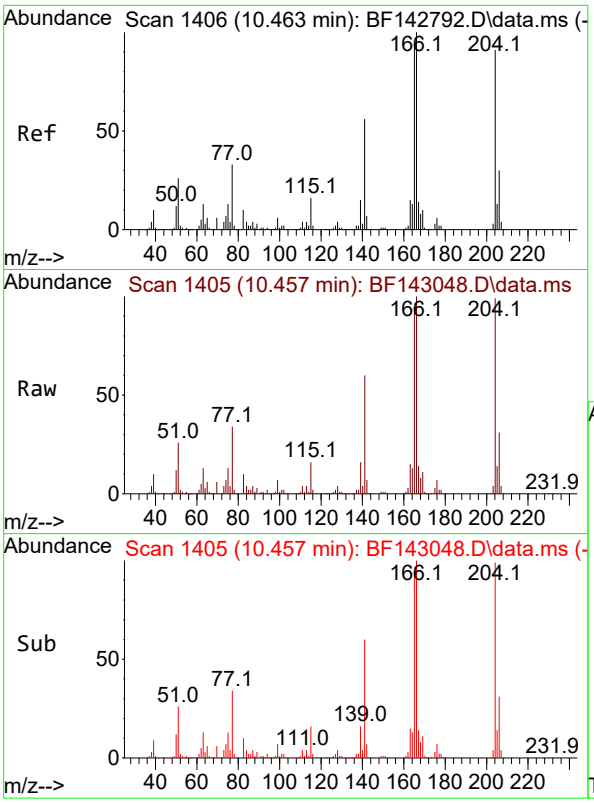


#60
Diethylphthalate
Concen: 38.796 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



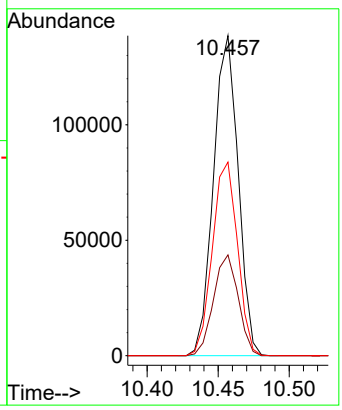


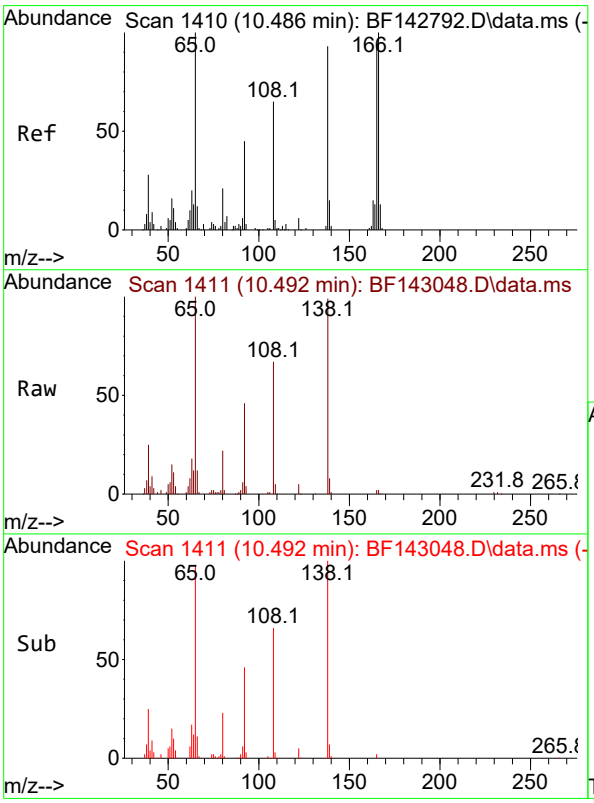
#61
4-Chlorophenyl-phenylether
Concen: 38.996 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

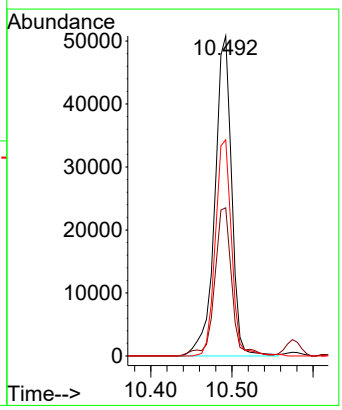


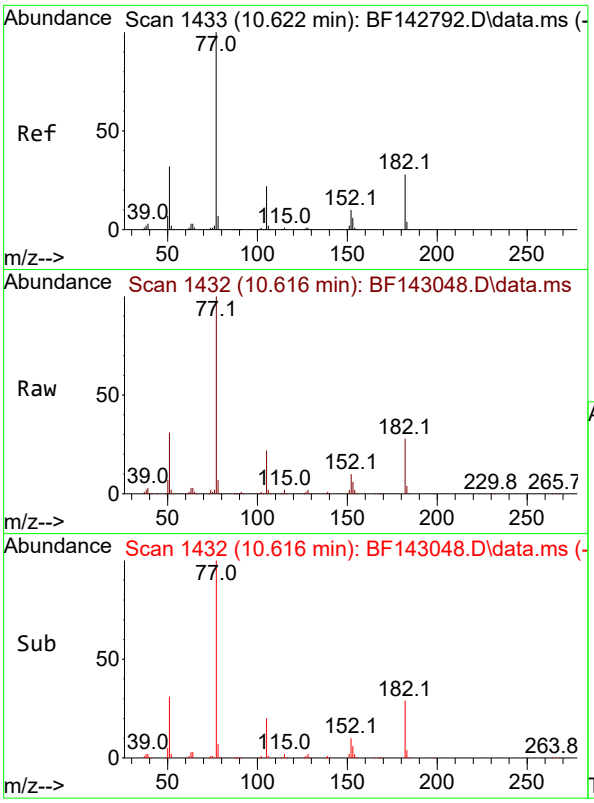


#62
4-Nitroaniline
Concen: 37.820 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



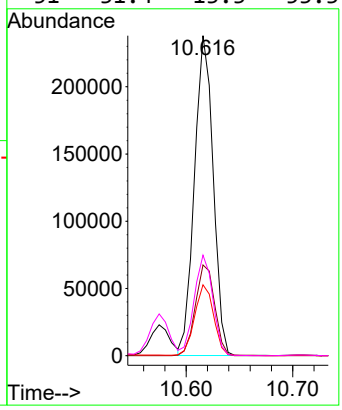


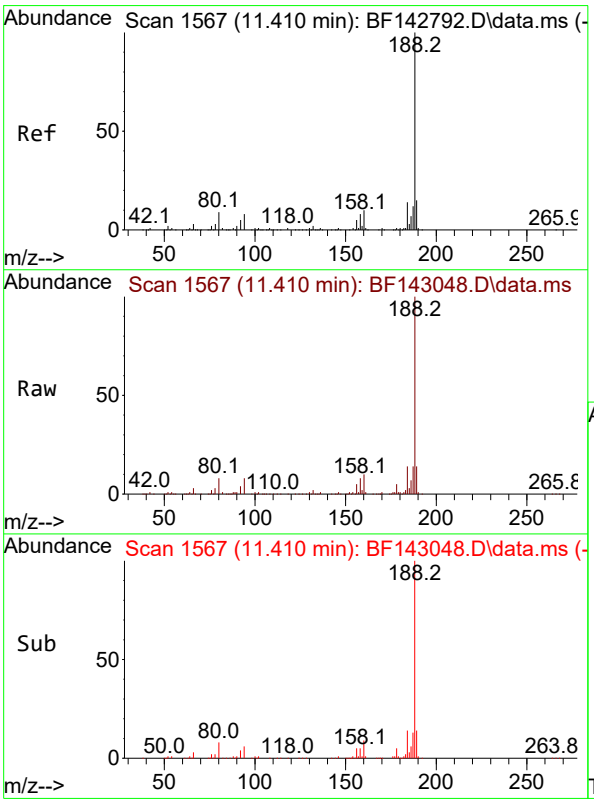
#63
Azobenzene
Concen: 37.983 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

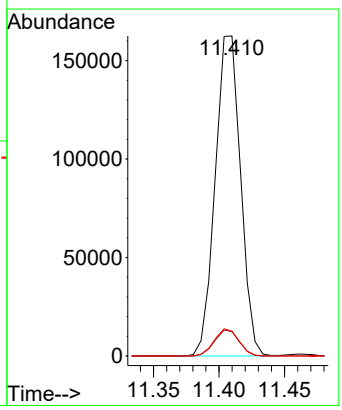


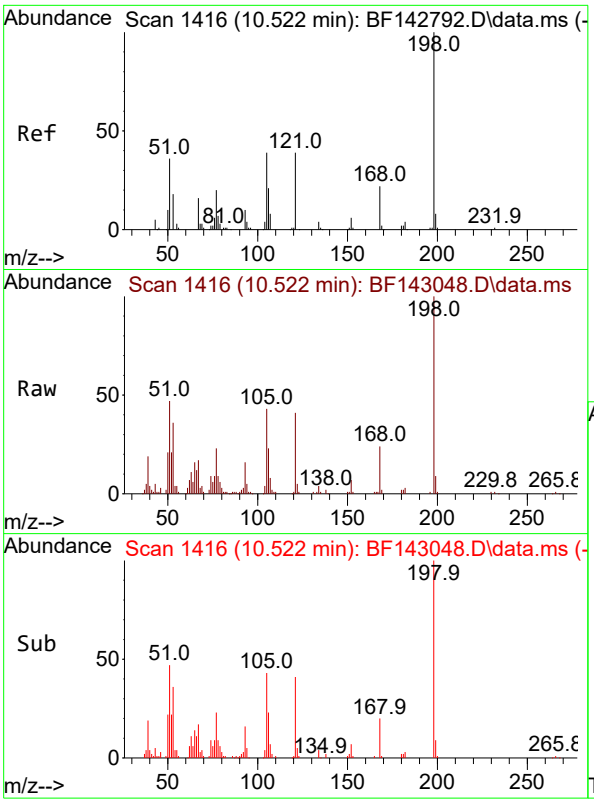


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



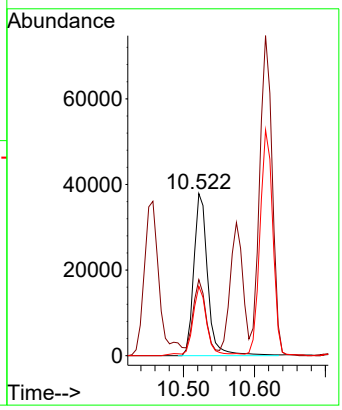


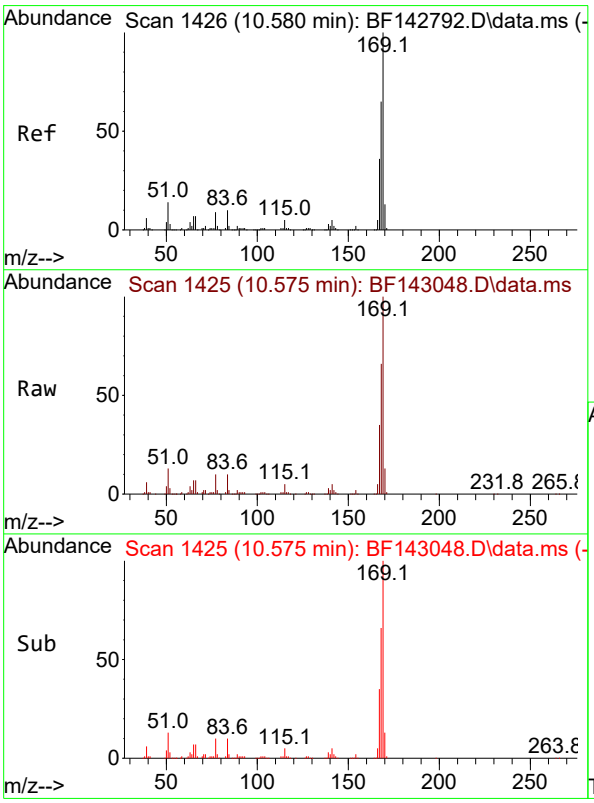
#65
4,6-Dinitro-2-methylphenol
Concen: 39.111 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

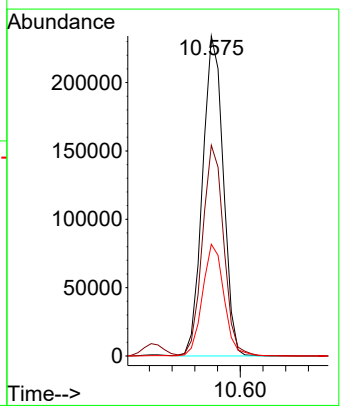


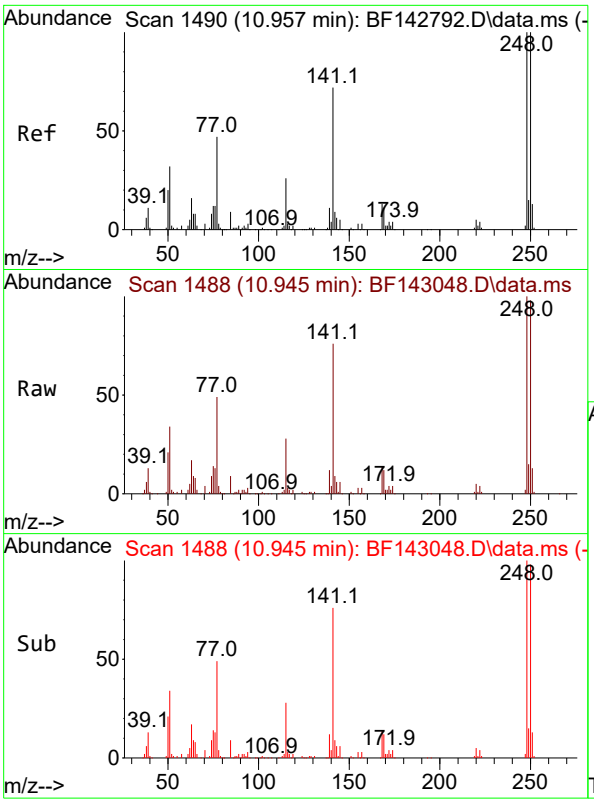


#66
n-Nitrosodiphenylamine
Concen: 39.109 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



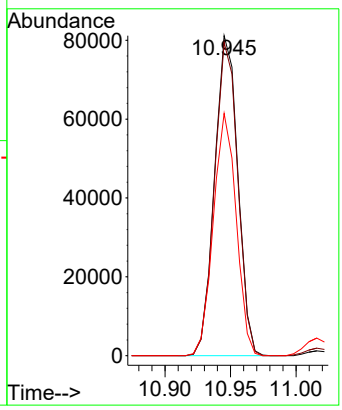


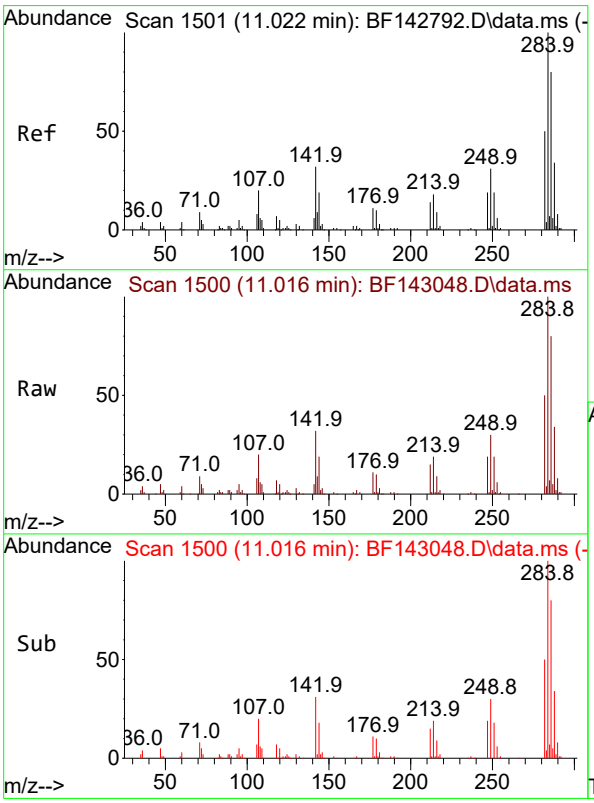
#67
4-Bromophenyl-phenylether
Concen: 40.295 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

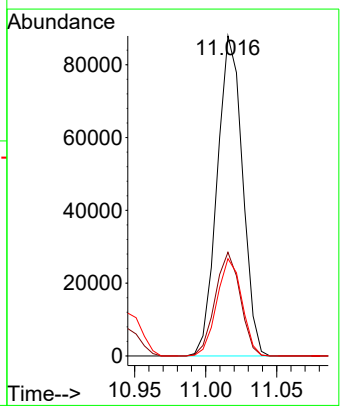


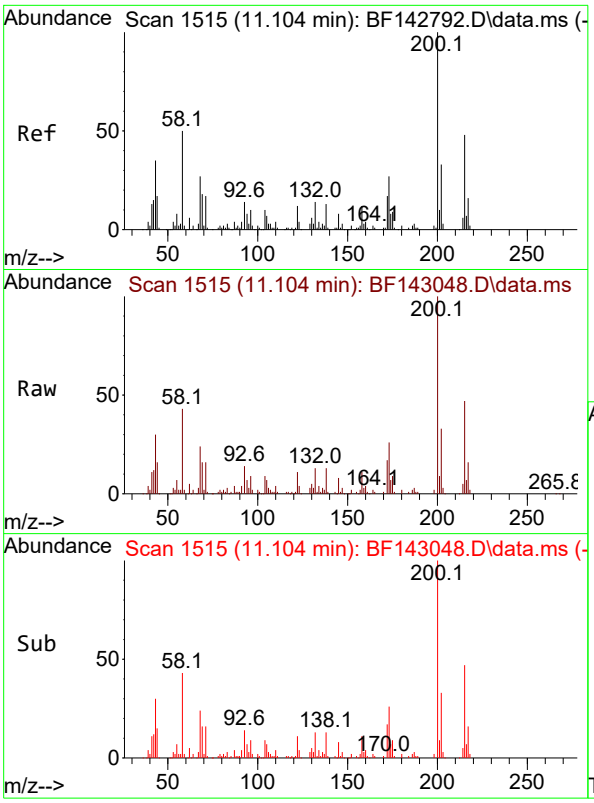


#68
Hexachlorobenzene
Concen: 39.445 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



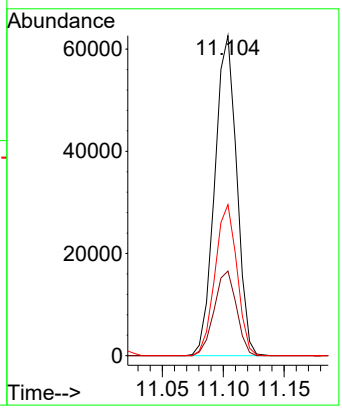


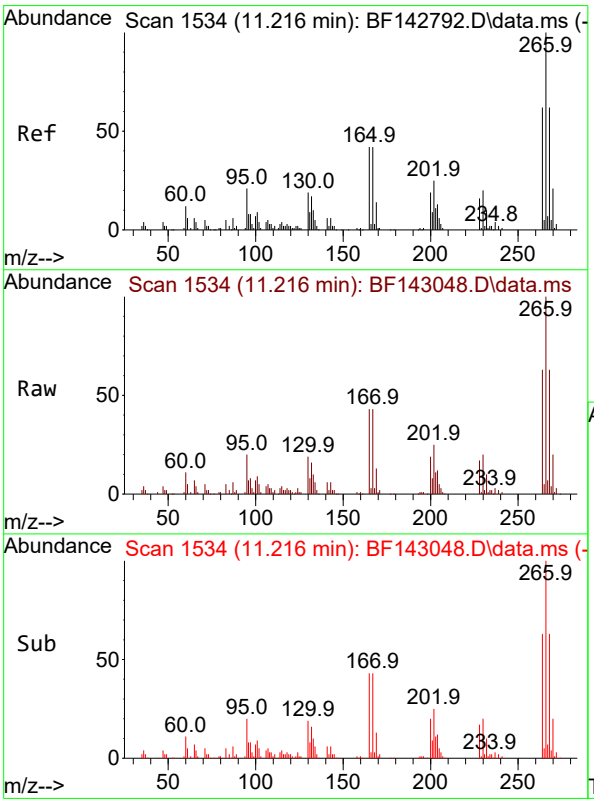
#69
Atrazine
Concen: 40.271 ng
RT: 11.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

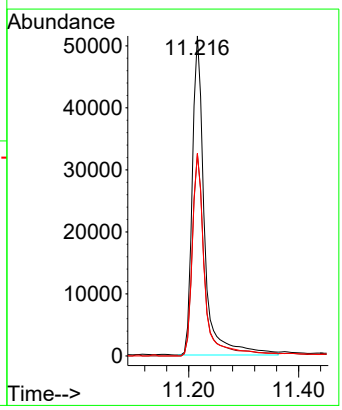


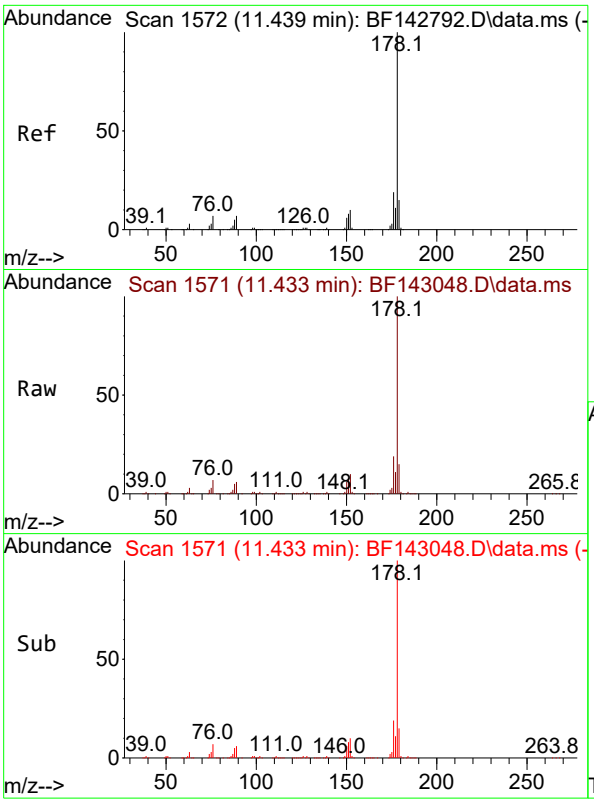


#70
Pentachlorophenol
Concen: 57.552 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



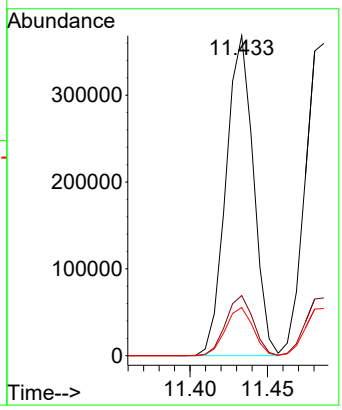


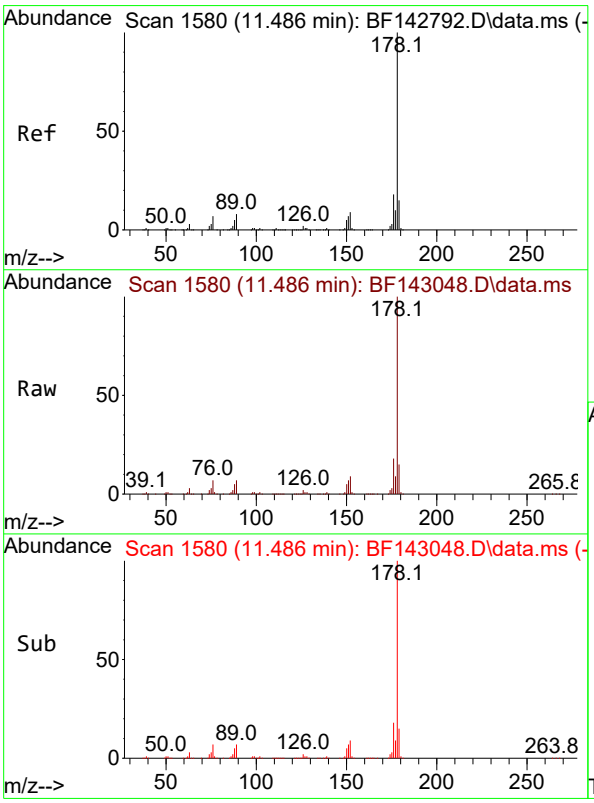
#71
Phenanthrene
Concen: 38.330 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

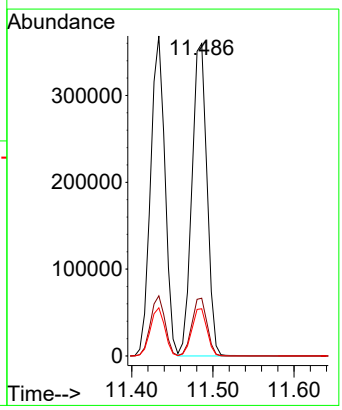


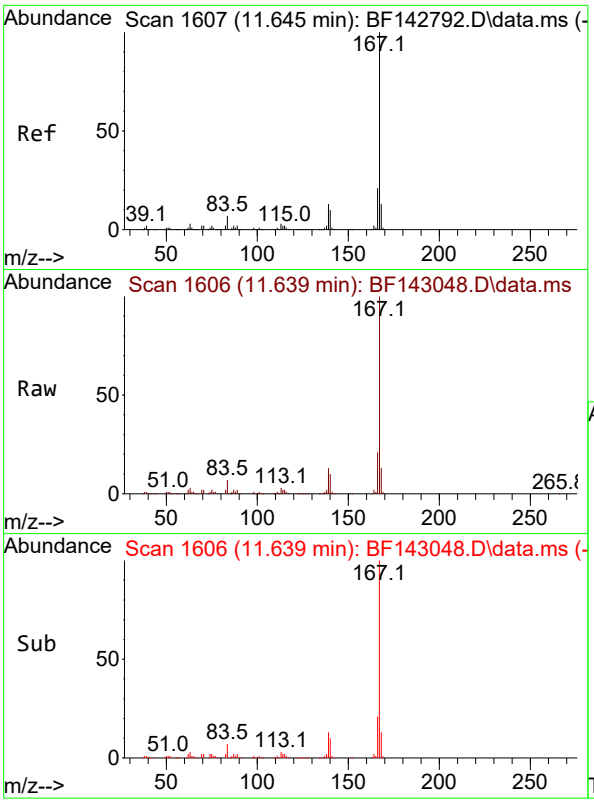


#72
Anthracene
Concen: 38.317 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



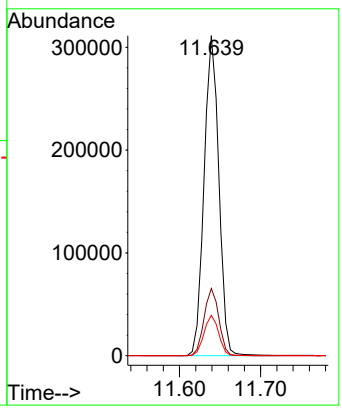


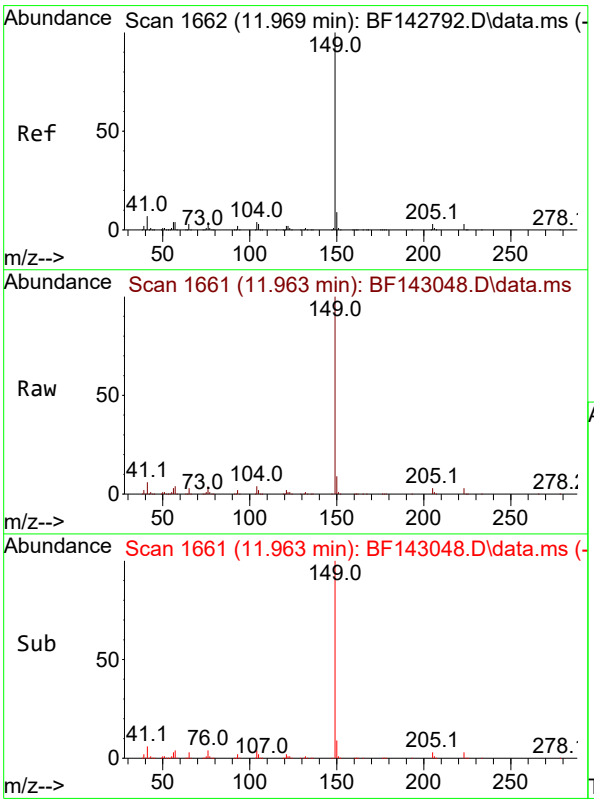
#73
Carbazole
Concen: 37.420 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

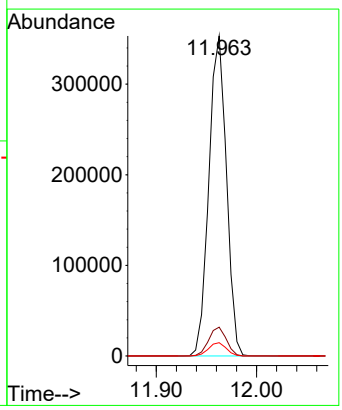


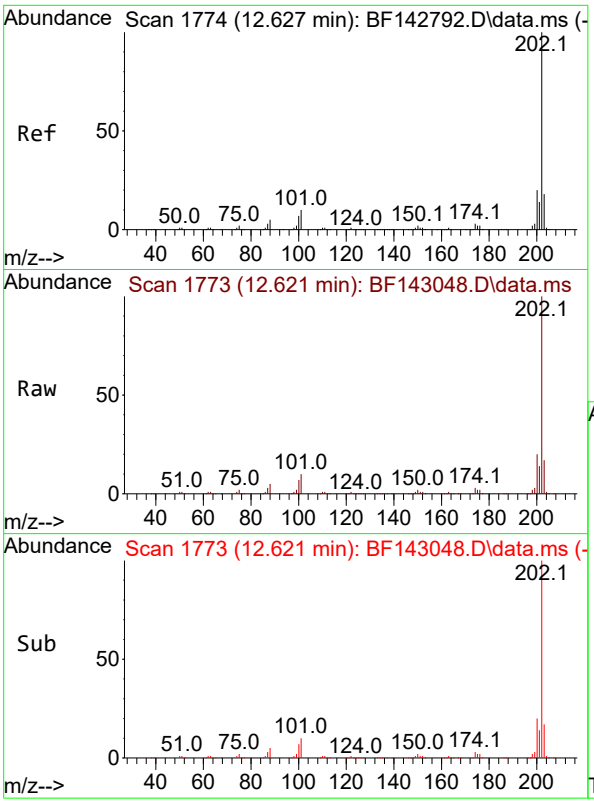


#74
Di-n-butylphthalate
Concen: 39.441 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



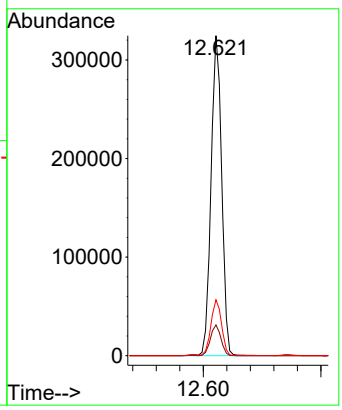


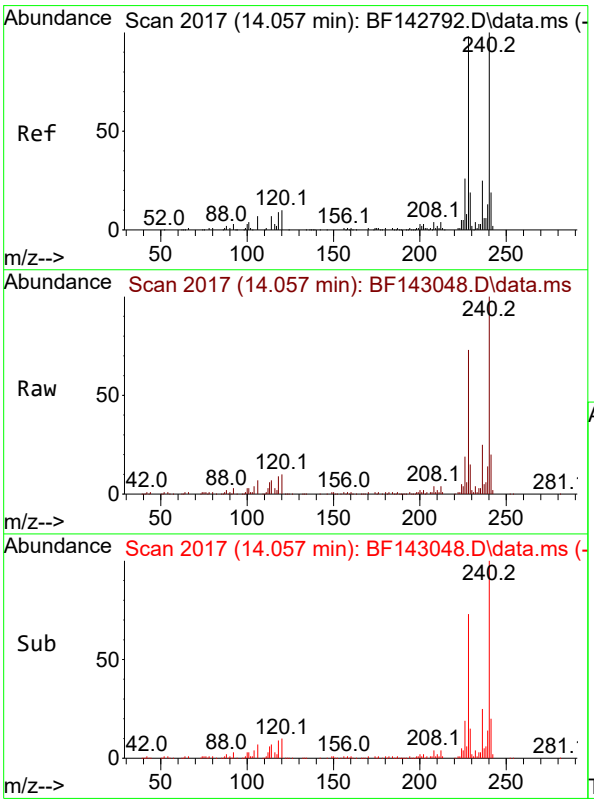
#75
Fluoranthene
Concen: 36.332 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

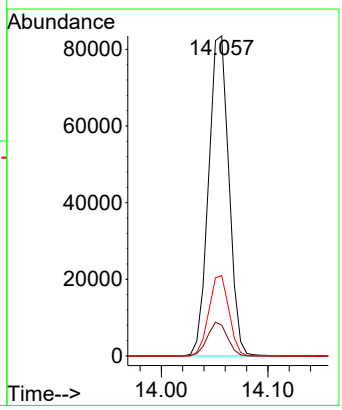


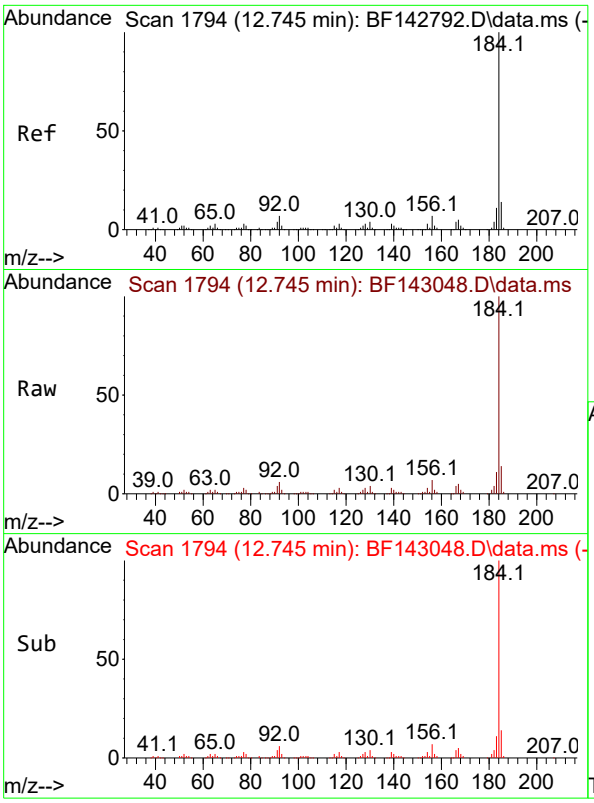


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



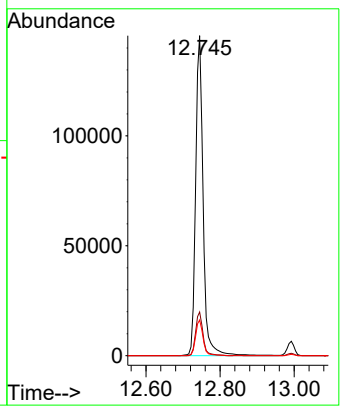


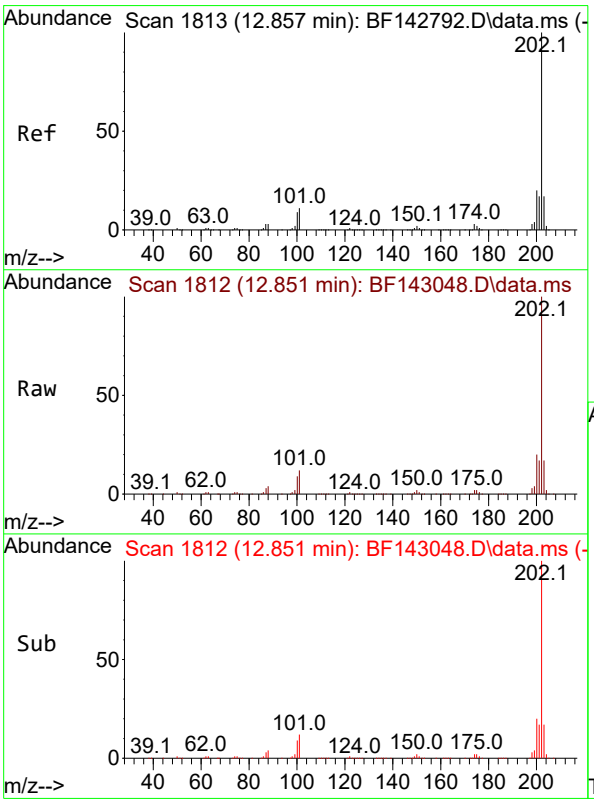
#77
Benzidine
Concen: 49.331 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

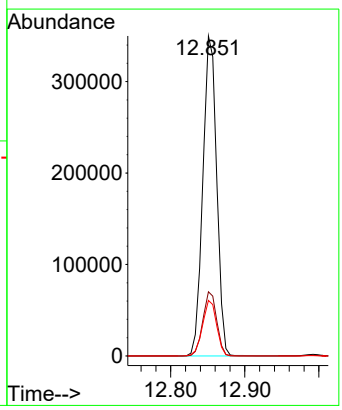


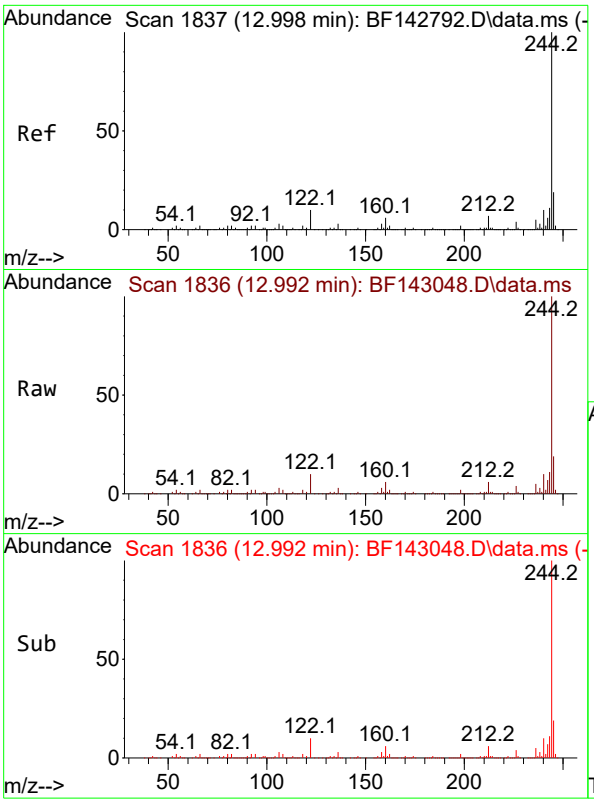


#78
Pyrene
Concen: 43.898 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



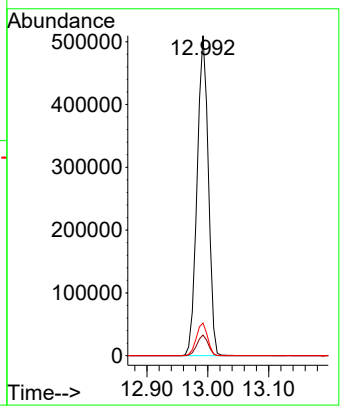


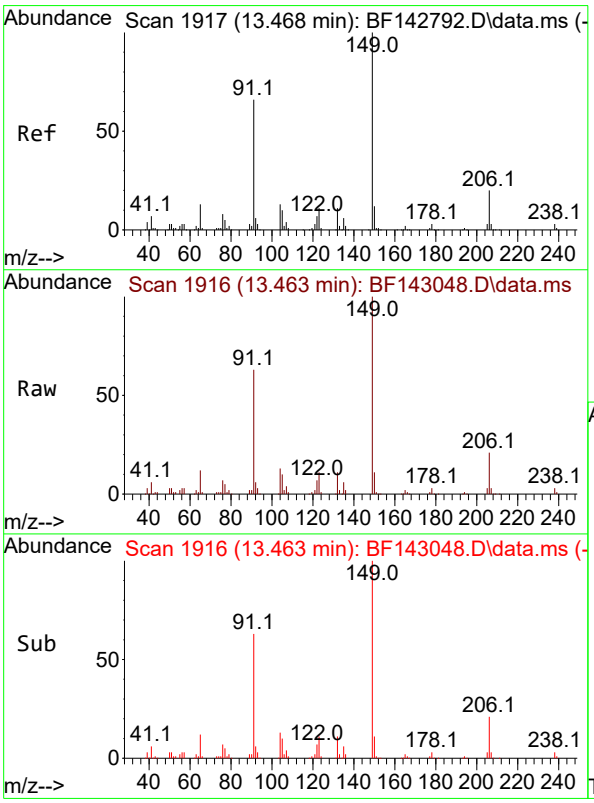
#79
Terphenyl-d14
Concen: 81.848 ng
RT: 12.992 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

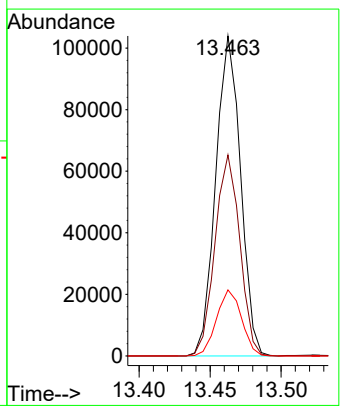


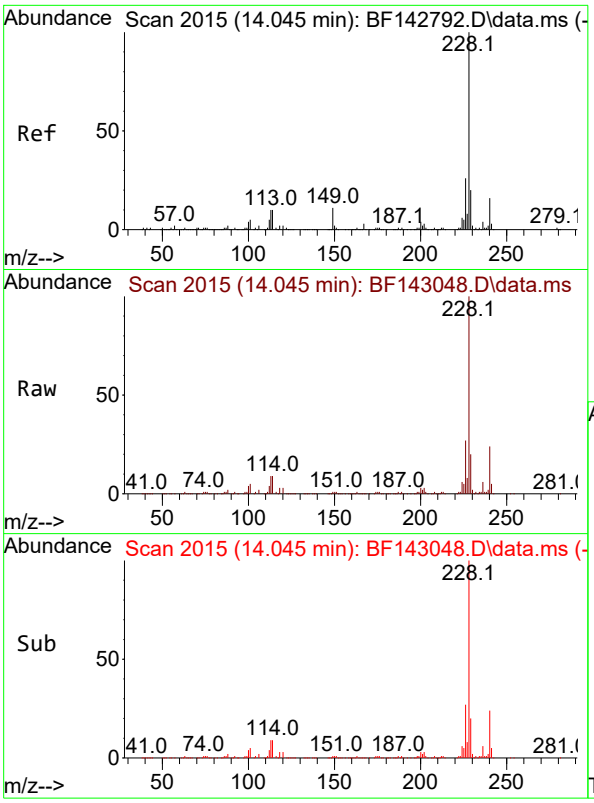


#80
Butylbenzylphthalate
Concen: 42.071 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



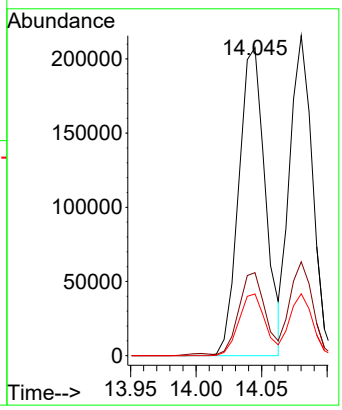


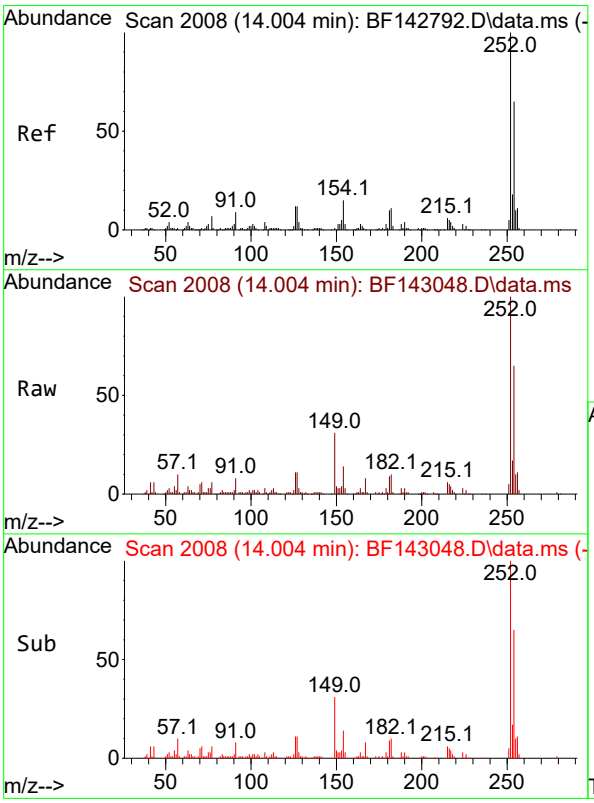
#81
Benzo(a)anthracene
Concen: 39.327 ng
RT: 14.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

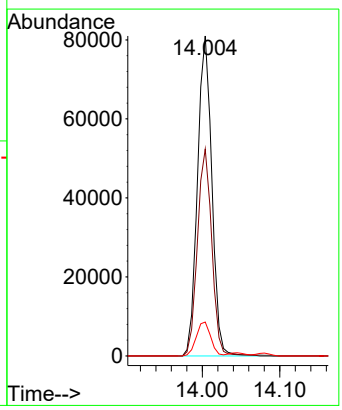


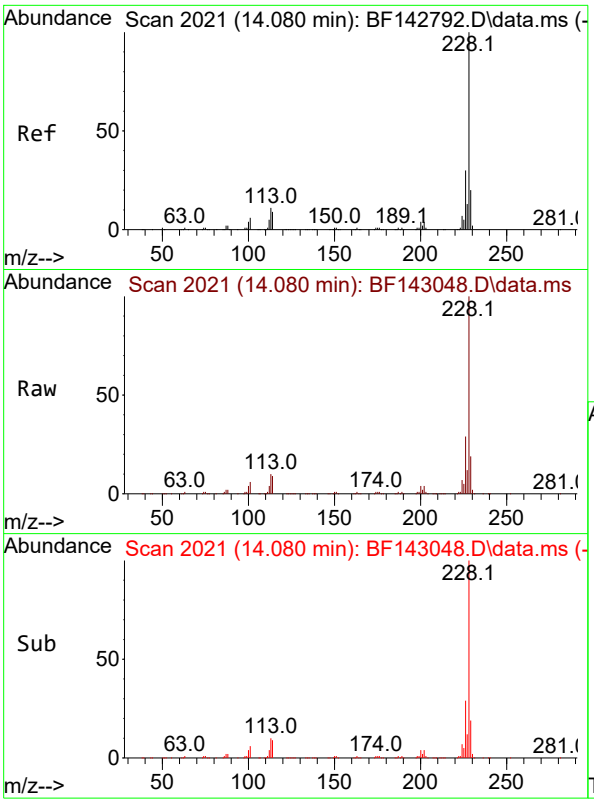


#82
3,3'-Dichlorobenzidine
Concen: 43.151 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



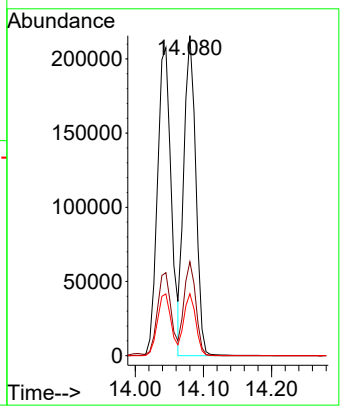


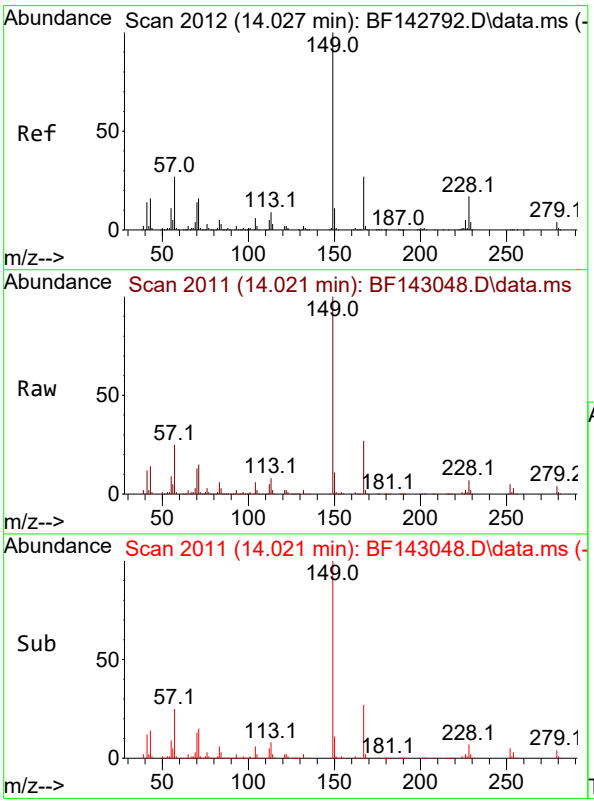
#83
Chrysene
Concen: 39.162 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

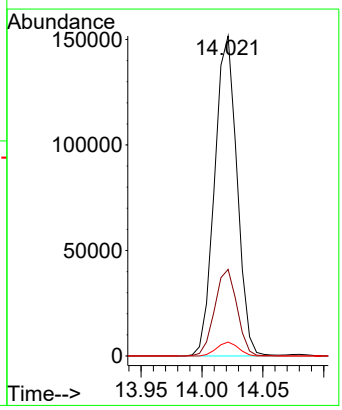


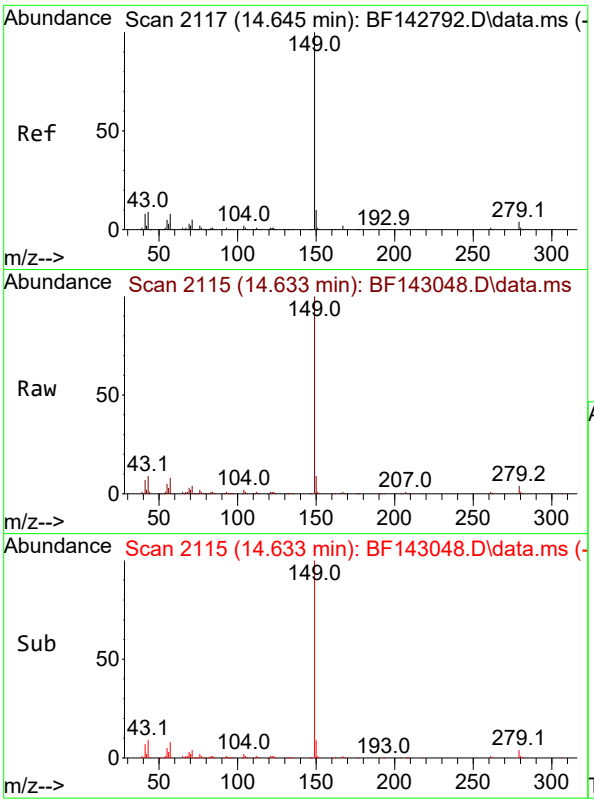


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.039 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



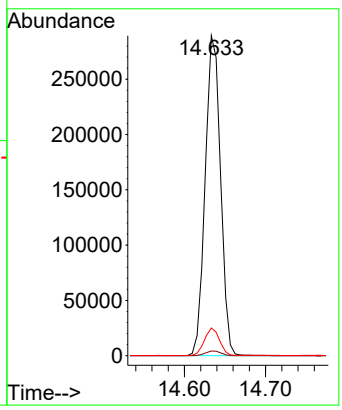


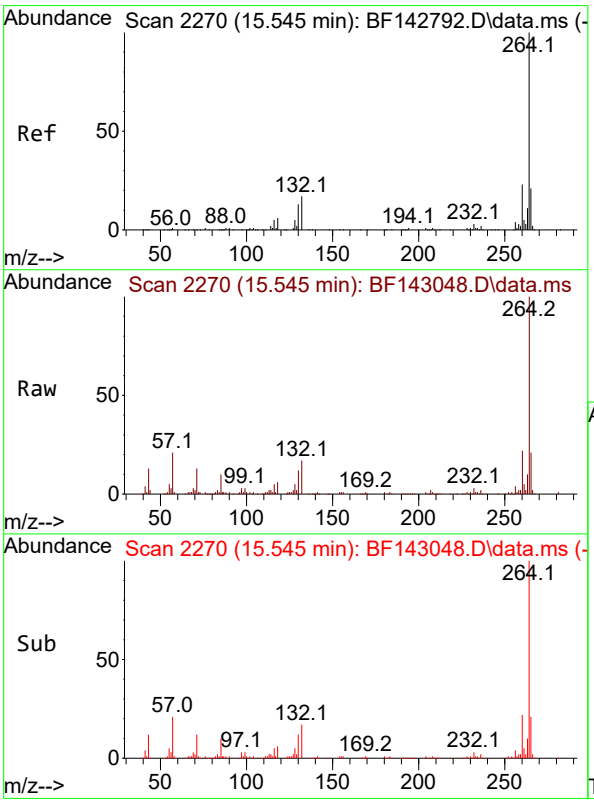
#85
Di-n-octyl phthalate
Concen: 46.544 ng
RT: 14.633 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

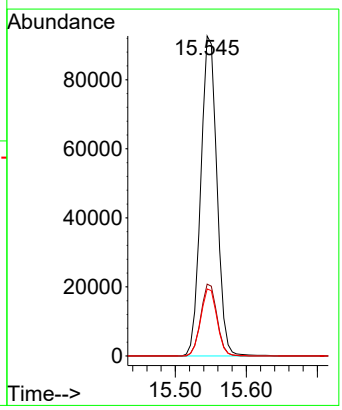


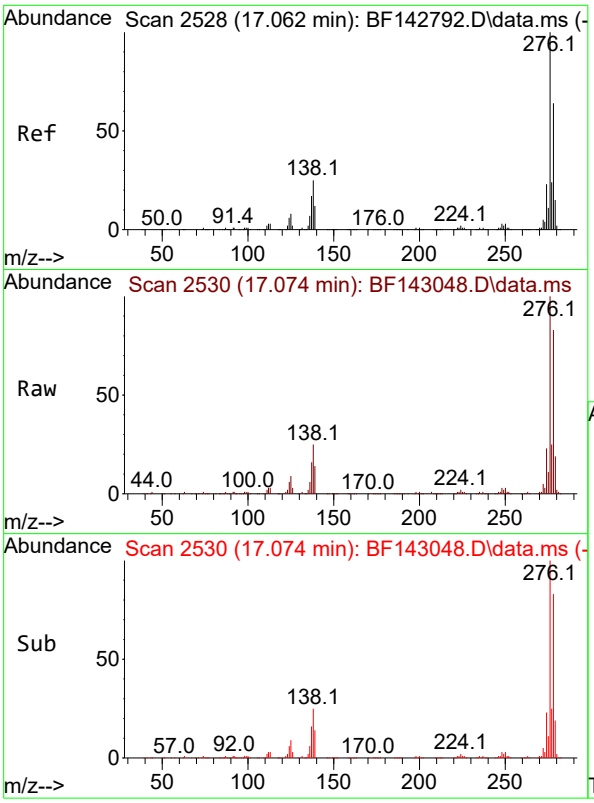


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



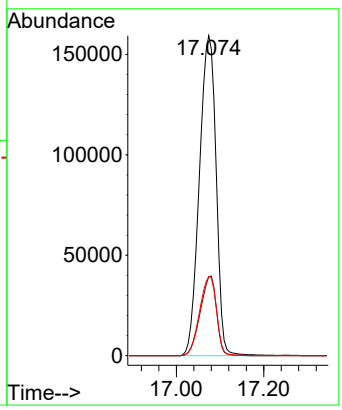


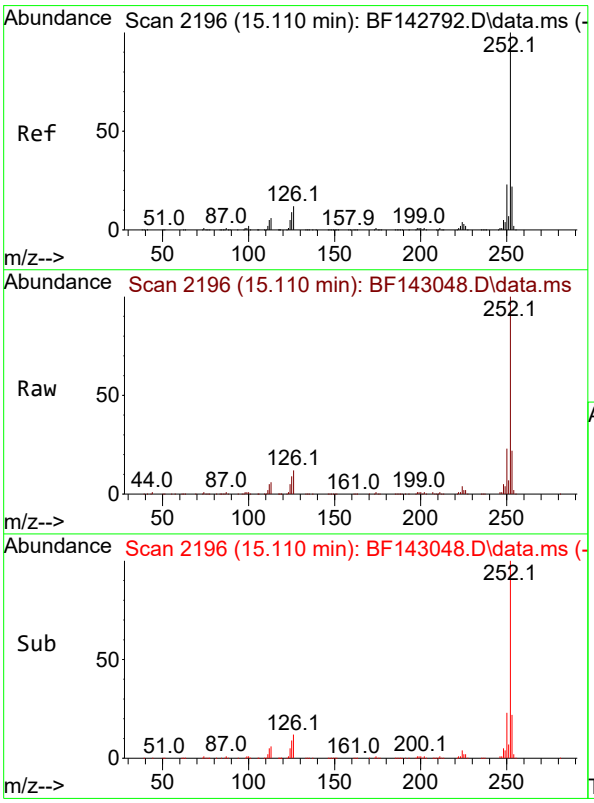
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.135 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

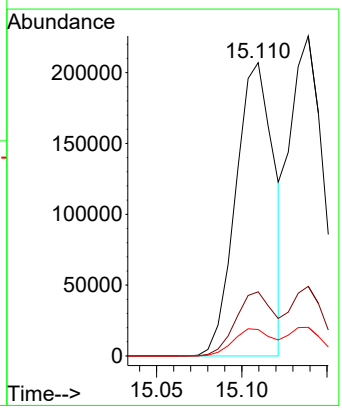


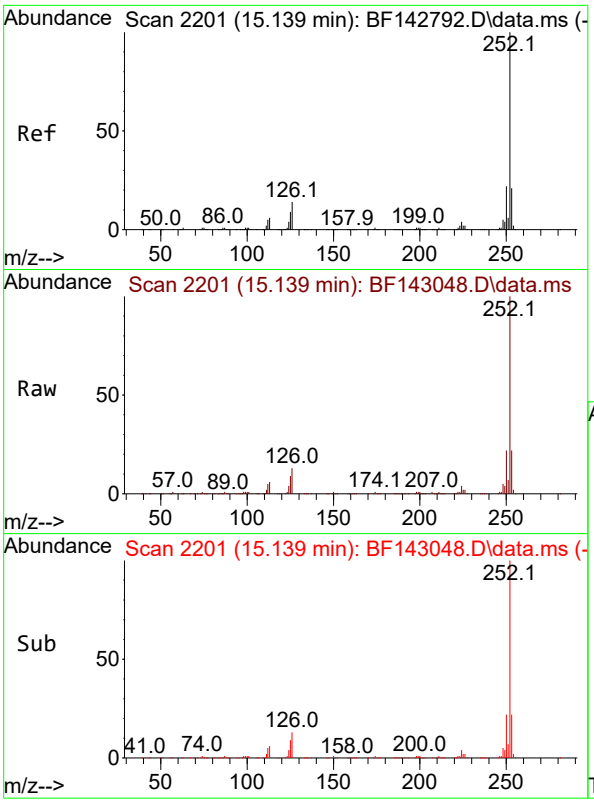


#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



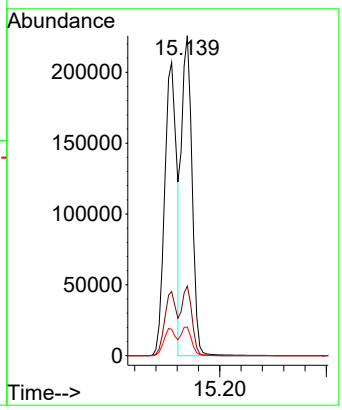


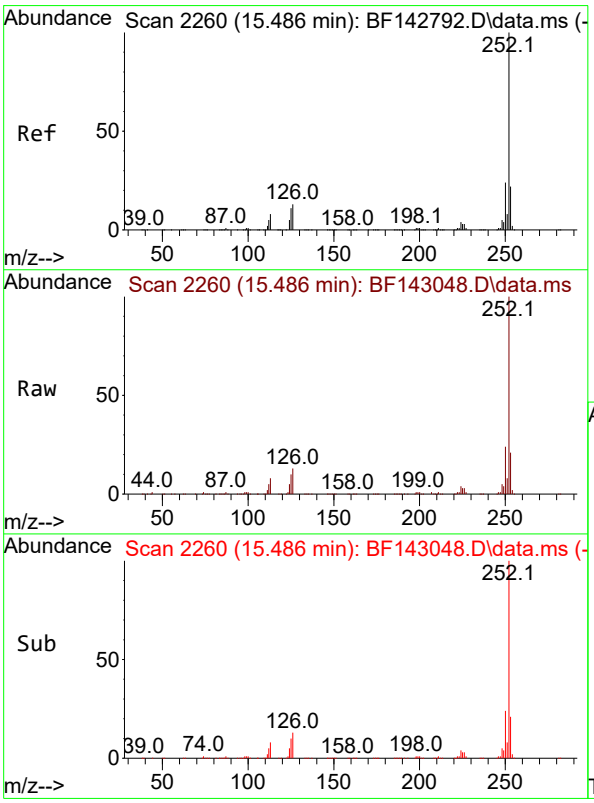
#89
Benzo(k)fluoranthene
Concen: 39.092 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

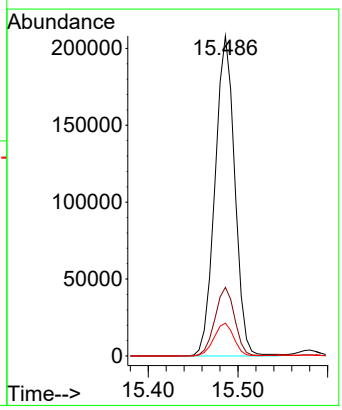


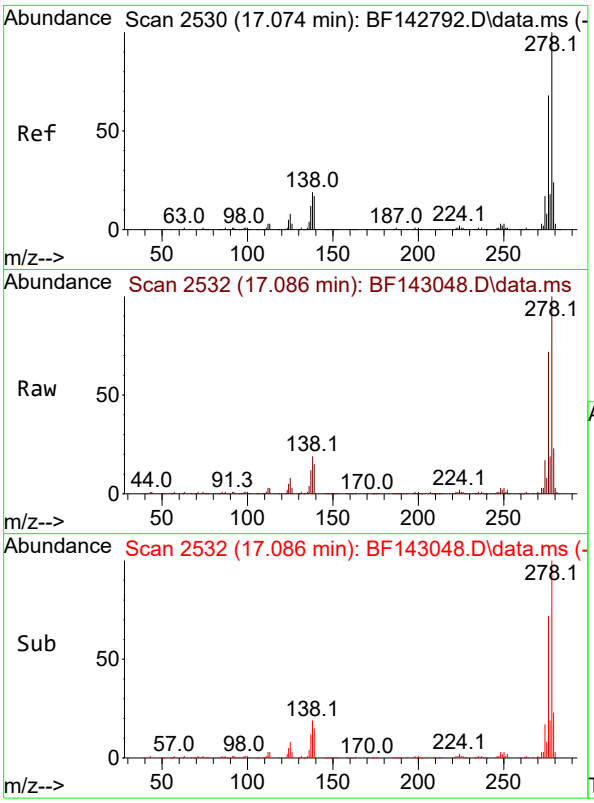


#90
Benzo(a)pyrene
Concen: 38.867 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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



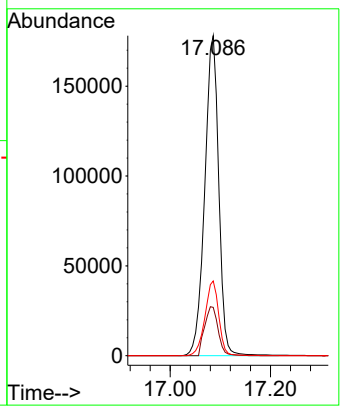


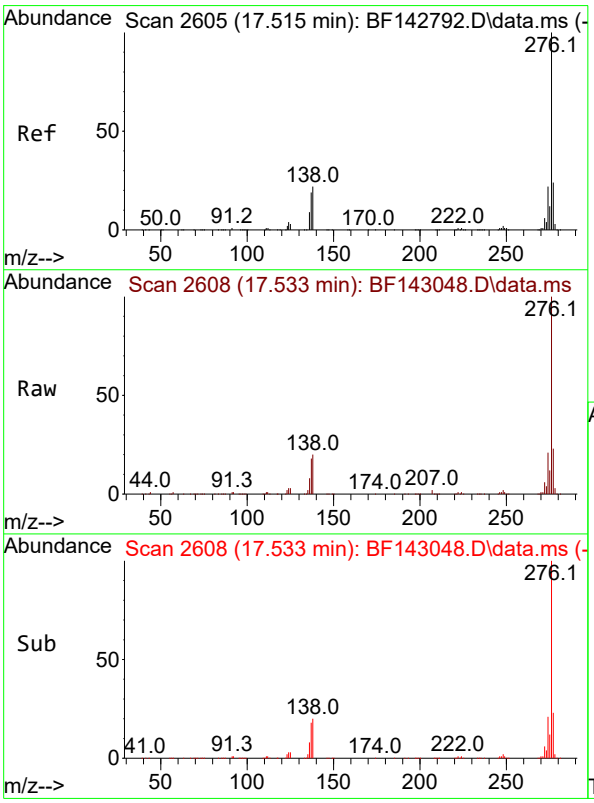
#91
Dibenzo(a,h)anthracene
Concen: 38.156 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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

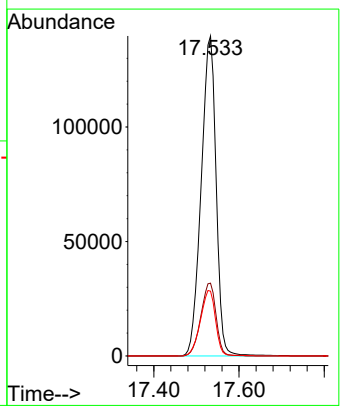




#92
Benzo(g,h,i)perylene
Concen: 37.626 ng
RT: 17.533 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF143048.D
Acq: 09 Jul 2025 10:52

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: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_M Calibration Date/Time: 07/10/2025 13:53

Lab File ID: BM050388.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.162	1.137		-2.2	
Benzaldehyde	0.871	0.886		1.7	
Phenol-d6	1.465	1.465		0.0	
Phenol	1.528	1.499		-1.9	20.0
bis(2-Chloroethyl)ether	1.223	1.182		-3.4	
2-Chlorophenol	1.225	1.199		-2.1	
2-Methylphenol	0.991	0.969		-2.2	
2,2-oxybis(1-Chloropropane)	1.802	1.740		-3.4	
Acetophenone	0.500	0.491		-1.8	
3+4-Methylphenols	1.330	1.291		-2.9	
n-Nitroso-di-n-propylamine	0.887	0.900	0.050	1.5	
Nitrobenzene-d5	0.392	0.394		0.5	
Hexachloroethane	0.535	0.517		-3.4	
Nitrobenzene	0.350	0.343		-2.0	
Isophorone	0.636	0.632		-0.6	
2-Nitrophenol	0.143	0.148		3.5	20.0
2,4-Dimethylphenol	0.303	0.297		-2.0	
bis(2-Chloroethoxy)methane	0.422	0.412		-2.4	
2,4-Dichlorophenol	0.312	0.314		0.6	20.0
Naphthalene	1.016	0.983		-3.2	
4-Chloroaniline	0.429	0.429		0.0	
Hexachlorobutadiene	0.228	0.218		-4.4	20.0
Caprolactam	0.085	0.085		0.0	
4-Chloro-3-methylphenol	0.291	0.293		0.7	20.0
2-Methylnaphthalene	0.641	0.636		-0.8	
Hexachlorocyclopentadiene	0.407	0.380	0.050	-6.6	
2,4,6-Trichlorophenol	0.391	0.393		0.5	20.0
2-Fluorobiphenyl	1.620	1.599		-1.3	
2,4,5-Trichlorophenol	0.428	0.426		-0.5	
1,1-Biphenyl	1.484	1.456		-1.9	
2-Chloronaphthalene	1.183	1.166		-1.4	
2-Nitroaniline	0.264	0.275		4.2	
Dimethylphthalate	1.377	1.353		-1.7	
Acenaphthylene	1.788	1.781		-0.4	
2,6-Dinitrotoluene	0.264	0.276		4.5	
3-Nitroaniline	0.281	0.295		5.0	
Acenaphthene	1.137	1.124		-1.1	20.0
2,4-Dinitrophenol	0.121	0.118	0.050	-2.5	
4-Nitrophenol	0.242	0.244	0.050	0.8	

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_M Calibration Date/Time: 07/10/2025 13:53

Lab File ID: BM050388.D Init. Calib. Date(s): 07/08/2025 07/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:39 17:22

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.751	1.711		-2.3	
2,4-Dinitrotoluene	0.350	0.373		6.6	
Diethylphthalate	1.315	1.303		-0.9	
4-Chlorophenyl-phenylether	0.754	0.742		-1.6	
Fluorene	1.443	1.428		-1.0	
4-Nitroaniline	0.288	0.312		8.3	
4,6-Dinitro-2-methylphenol	0.095	0.094		-1.1	
n-Nitrosodiphenylamine	0.626	0.618		-1.3	20.0
2,4,6-Tribromophenol	0.243	0.249		2.5	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.260	0.254		-2.3	
Atrazine	0.206	0.205		-0.5	
Pentachlorophenol	0.162	0.157		-3.1	20.0
Phenanthrene	1.132	1.096		-3.2	
Anthracene	1.127	1.112		-1.3	
Carbazole	1.019	1.003		-1.6	
Di-n-butylphthalate	1.116	1.115		-0.1	
Fluoranthene	1.230	1.217		-1.1	20.0
Pyrene	1.281	1.262		-1.5	
Terphenyl-d14	1.137	1.220		7.3	
Butylbenzylphthalate	0.422	0.437		3.6	
3,3-Dichlorobenzidine	0.439	0.422		-3.9	
Benzo(a)anthracene	1.303	1.292		-0.8	
Chrysene	1.229	1.206		-1.9	
Bis(2-ethylhexyl)phthalate	0.670	0.700		4.5	
Di-n-octyl phthalate	1.050	1.069		1.8	20.0
Benzo(b)fluoranthene	1.230	1.224		-0.5	
Benzo(k)fluoranthene	1.276	1.284		0.6	
Benzo(a)pyrene	1.152	1.165		1.1	20.0
Indeno(1,2,3-cd)pyrene	1.422	1.436		1.0	
Dibenzo(a,h)anthracene	1.198	1.209		0.9	
Benzo(g,h,i)perylene	1.132	1.140		0.7	
1,2,4,5-Tetrachlorobenzene	0.636	0.622		-2.2	
1,4-Dioxane	0.478	0.451		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.360	0.358		-0.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	446689	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1689419	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	1077979	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	2057474	20.000	ng		0.00
76) Chrysene-d12	21.450	240	2112610	20.000	ng		0.00
86) Perylene-d12	24.491	264	2045327	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2031844	78.297	ng		0.00
7) Phenol-d6	7.022	99	2616916	79.995	ng		0.00
23) Nitrobenzene-d5	9.016	82	2659377	80.309	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	1071758	81.829	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	6895749	78.998	ng		0.00
79) Terphenyl-d14	19.839	244	10310723	85.871	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	403246	37.789	ng		100
3) Pyridine	3.728	79	1067511	38.105	ng		98
4) n-Nitrosodimethylamine	3.640	42	509026	38.975	ng		100
6) Aniline	7.187	93	1662658	39.604	ng		100
8) 2-Chlorophenol	7.428	128	1071561	39.160	ng		99
9) Benzaldehyde	6.998	77	791440m	40.670	ng		
10) Phenol	7.045	94	1338998	39.244	ng		99
11) bis(2-Chloroethyl)ether	7.281	93	1056029	38.647	ng		99
12) 1,3-Dichlorobenzene	7.751	146	1279283	38.448	ng		98
13) 1,4-Dichlorobenzene	7.898	146	1304979	38.410	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1254013	38.554	ng		99
15) Benzyl Alcohol	8.098	79	892127	38.705	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1554762	38.628	ng		99
17) 2-Methylphenol	8.298	107	865693	39.119	ng		98
18) Hexachloroethane	8.951	117	461565	38.629	ng		99
19) n-Nitroso-di-n-propyla...	8.669	70	804233	40.582	ng		98
20) 3+4-Methylphenols	8.628	107	1153500	38.828	ng		99
22) Acetophenone	8.681	105	1658059	39.254	ng	#	99
24) Nitrobenzene	9.057	77	1158614	39.209	ng		98
25) Isophorone	9.586	82	2134890	39.731	ng		100
26) 2-Nitrophenol	9.769	139	500678	41.573	ng		98
27) 2,4-Dimethylphenol	9.828	122	1002511	39.120	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1393378	39.134	ng		99
29) 2,4-Dichlorophenol	10.304	162	1059842	40.255	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	1224173	38.868	ng		99
31) Naphthalene	10.710	128	3319721	38.687	ng		100
32) Benzoic acid	9.945	122	546926	36.416	ng		100
33) 4-Chloroaniline	10.810	127	1448728	39.935	ng		100
34) Hexachlorobutadiene	11.004	225	735985	38.287	ng		98
35) Caprolactam	11.580	113	286350	39.842	ng		99
36) 4-Chloro-3-methylphenol	11.933	107	990607	40.292	ng		98
37) 2-Methylnaphthalene	12.316	142	2147668	39.639	ng		99
38) 1-Methylnaphthalene	12.539	142	2272208	39.627	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1342030	39.148	ng		99
41) Hexachlorocyclopentadiene	12.674	237	819638	37.405	ng		100
43) 2,4,6-Trichlorophenol	12.922	196	846428	40.113	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

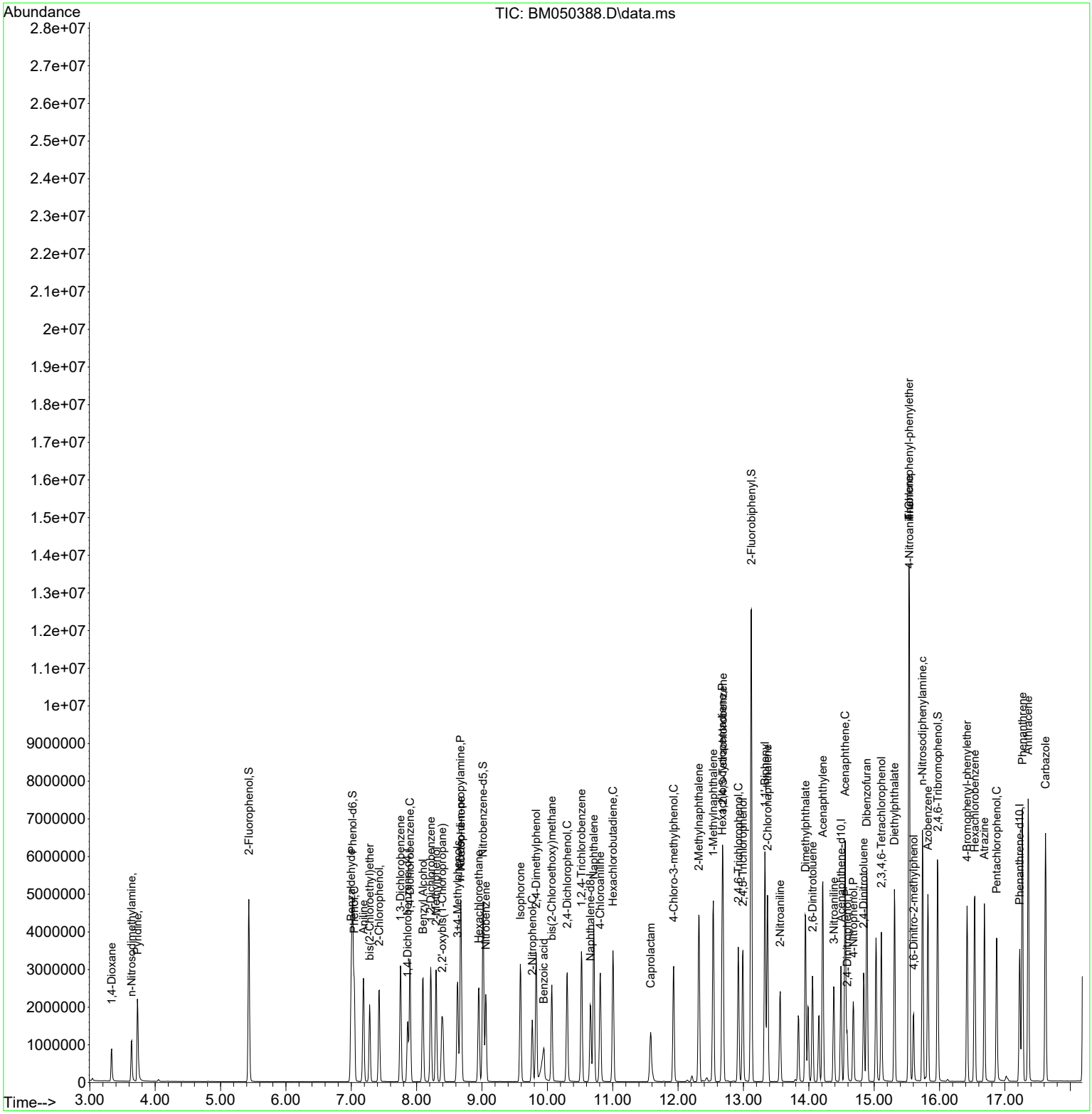
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	917833	39.828	ng	98
46) 1,1'-Biphenyl	13.327	154	3138094	39.237	ng	99
47) 2-Chloronaphthalene	13.369	162	2513031	39.409	ng	99
48) 2-Nitroaniline	13.563	65	592609	41.634	ng	96
49) Acenaphthylene	14.216	152	3839412	39.840	ng	99
50) Dimethylphthalate	13.951	163	2916065	39.292	ng	100
51) 2,6-Dinitrotoluene	14.057	165	594910	41.749	ng	99
52) Acenaphthene	14.557	154	2422434	39.538	ng	100
53) 3-Nitroaniline	14.386	138	636432	41.996	ng	98
54) 2,4-Dinitrophenol	14.586	184	254984	36.238	ng	92
55) Dibenzofuran	14.886	168	3688817	39.075	ng	99
56) 4-Nitrophenol	14.680	139	526425	40.394	ng	96
57) 2,4-Dinitrotoluene	14.839	165	804634	38.303	ng	98
58) Fluorene	15.533	166	3079505	39.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	771927	39.791	ng	99
60) Diethylphthalate	15.310	149	2810029	39.637	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1600094	39.354	ng	98
62) 4-Nitroaniline	15.539	138	673524	39.162	ng	98
63) Azobenzene	15.821	77	2608064	40.064	ng	98
65) 4,6-Dinitro-2-methylph...	15.604	198	385118	36.542	ng	96
66) n-Nitrosodiphenylamine	15.739	169	2541040	39.468	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	894343	39.453	ng	98
68) Hexachlorobenzene	16.539	284	1046999	39.106	ng	98
69) Atrazine	16.686	200	842425	39.848	ng	99
70) Pentachlorophenol	16.874	266	646550	38.793	ng	98
71) Phenanthrene	17.268	178	4508419	38.724	ng	99
72) Anthracene	17.357	178	4577103	39.496	ng	100
73) Carbazole	17.621	167	4126339	39.352	ng	99
74) Di-n-butylphthalate	18.192	149	4587331	39.969	ng	99
75) Fluoranthene	19.274	202	5008839	39.575	ng	99
77) Benzidine	19.451	184	2430477	45.105	ng	99
78) Pyrene	19.633	202	5331086	39.401	ng	100
80) Butylbenzylphthalate	20.533	149	1845186	41.359	ng	98
81) Benzo(a)anthracene	21.433	228	5459861	39.664	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	1783244	38.415	ng	100
83) Chrysene	21.497	228	5095338	39.245	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	2957902	41.765	ng	98
85) Di-n-octyl phthalate	22.521	149	4516993	40.722	ng	100
87) Indeno(1,2,3-cd)pyrene	27.932	276	5874332	40.395	ng	100
88) Benzo(b)fluoranthene	23.533	252	5005196	39.784	ng	100
89) Benzo(k)fluoranthene	23.597	252	5253318	40.242	ng	100
90) Benzo(a)pyrene	24.350	252	4766800	40.476	ng	99
91) Dibenzo(a,h)anthracene	27.991	278	4946864	40.393	ng	99
92) Benzo(g,h,i)perylene	28.997	276	4662826	40.284	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

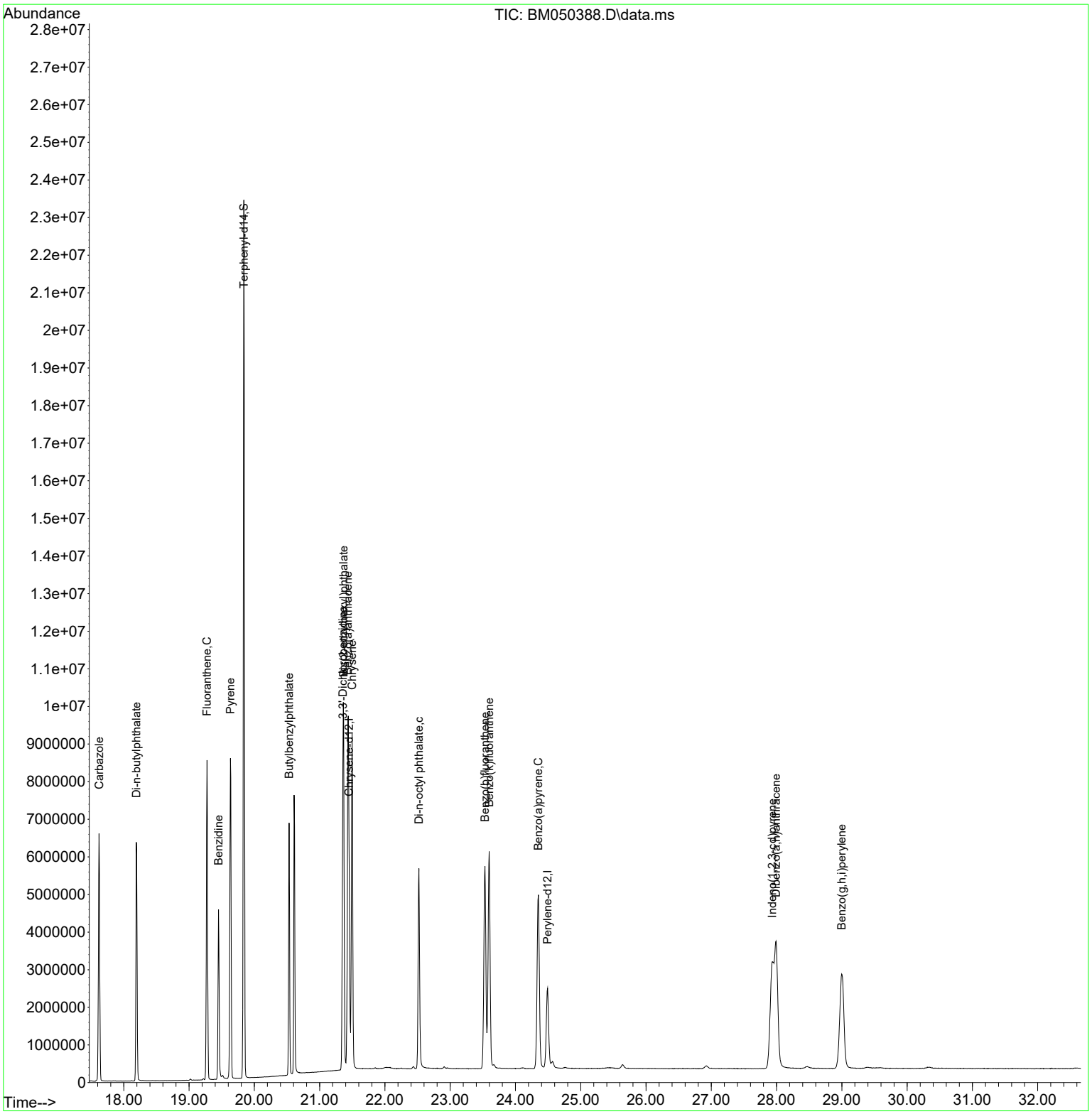
Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

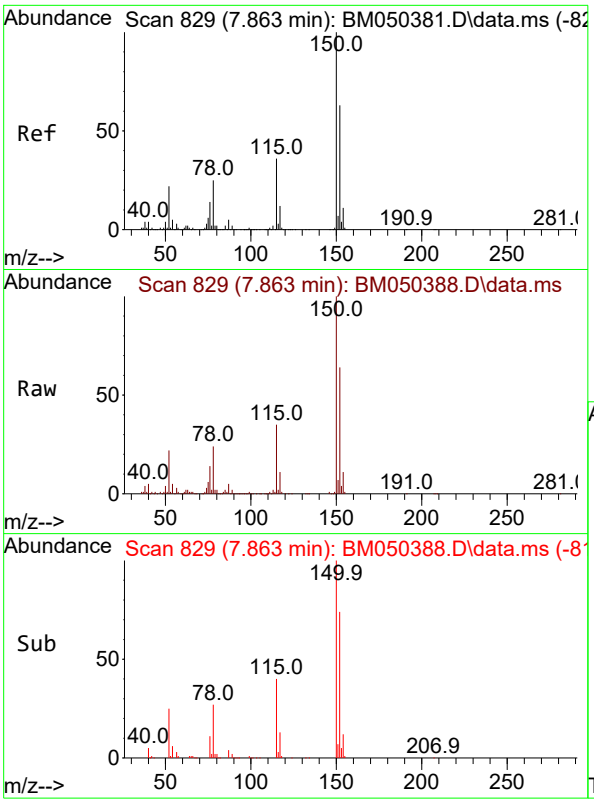


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration



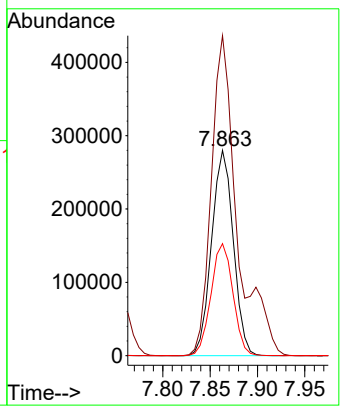


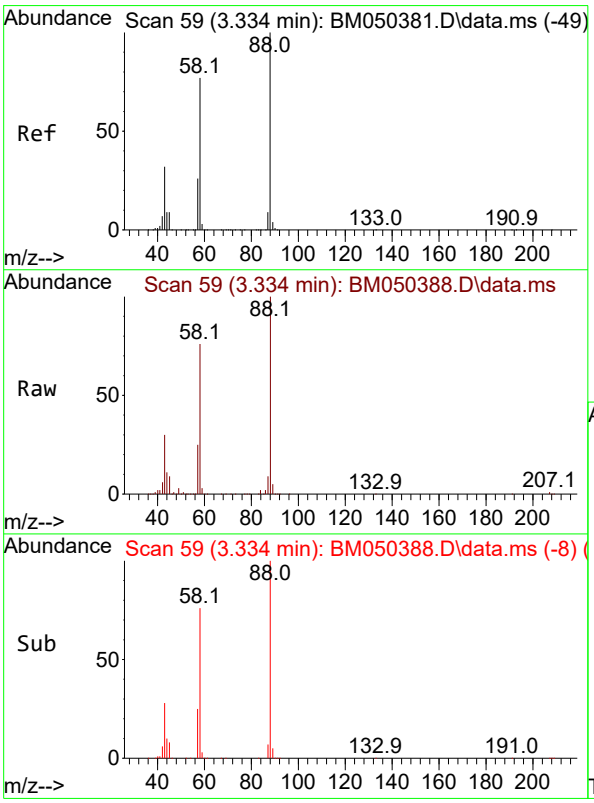
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 446689

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.4
115	54.6	45.8	68.8

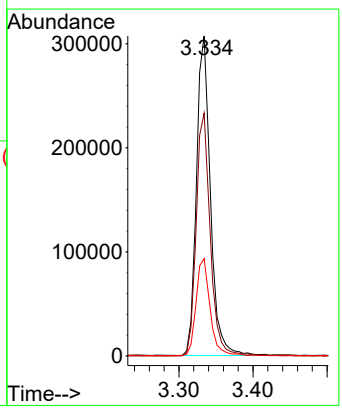


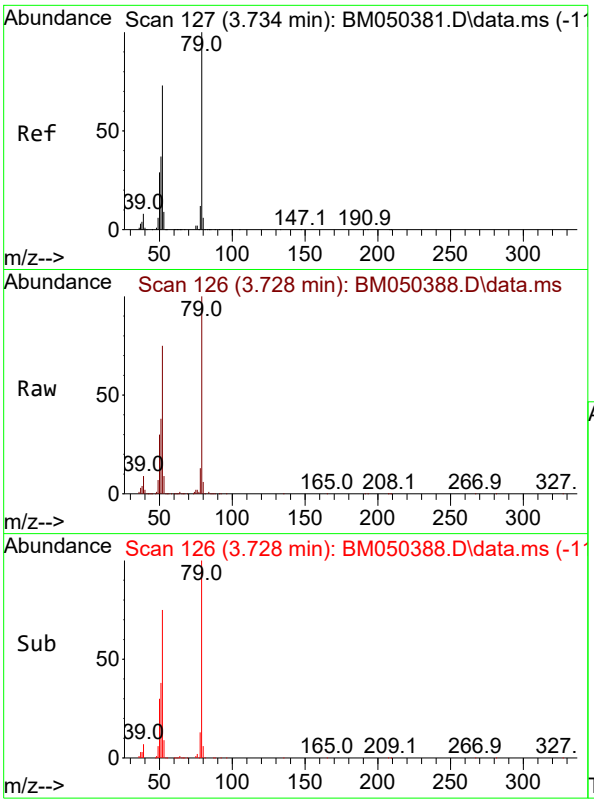


#2
1,4-Dioxane
Concen: 37.789 ng
RT: 3.334 min Scan# 59
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 88 Resp: 403246

Ion	Ratio	Lower	Upper
88	100		
58	76.3	61.0	91.6
43	30.5	24.6	37.0



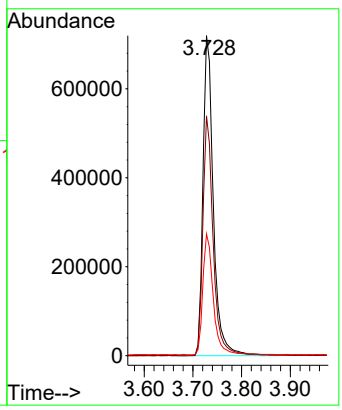


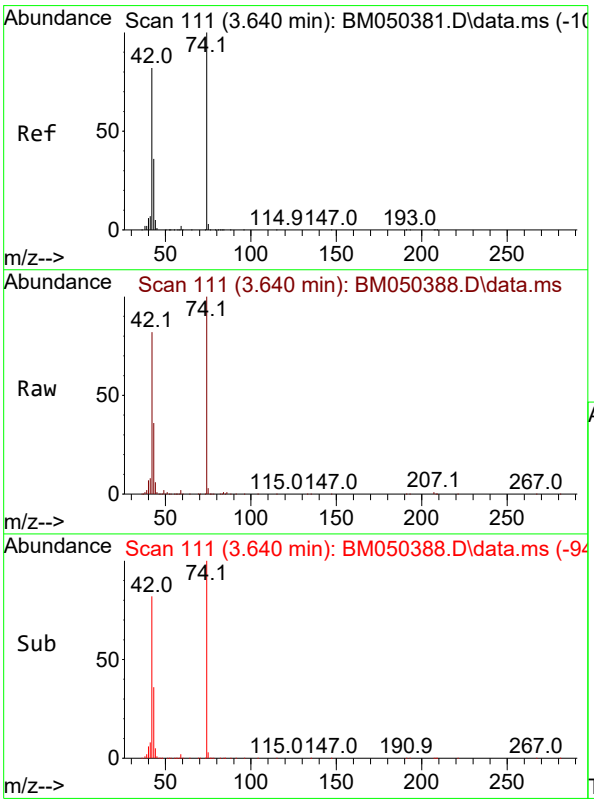
#3
Pyridine
Concen: 38.105 ng
RT: 3.728 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1067511

Ion	Ratio	Lower	Upper
79	100		
52	74.9	58.3	87.5
51	38.1	29.6	44.4

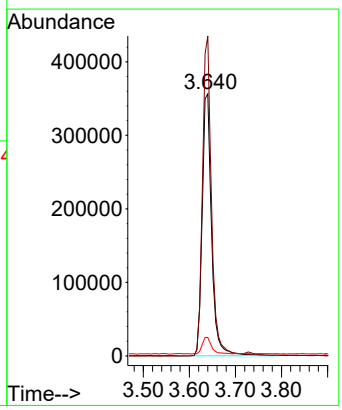


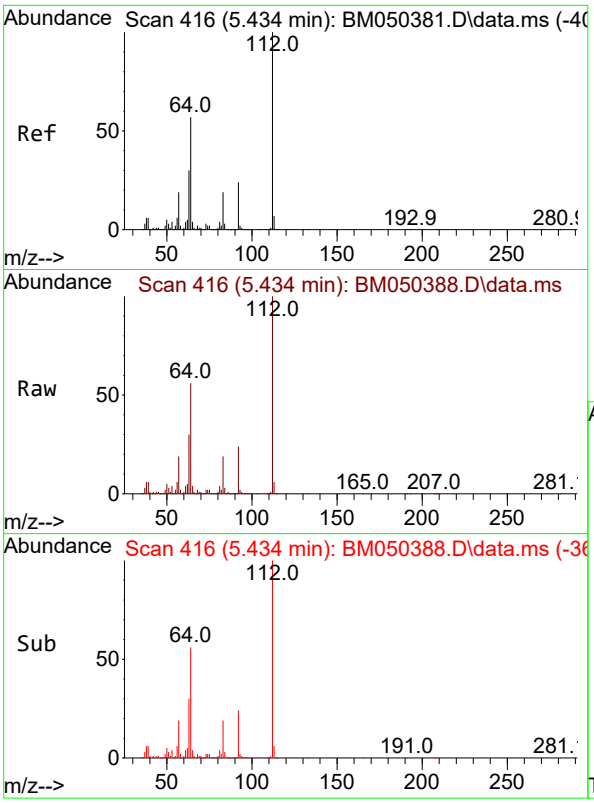


#4
n-Nitrosodimethylamine
Concen: 38.975 ng
RT: 3.640 min Scan# 111
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 42 Resp: 509026

Ion	Ratio	Lower	Upper
42	100		
74	122.1	97.5	146.3
44	7.0	5.7	8.5



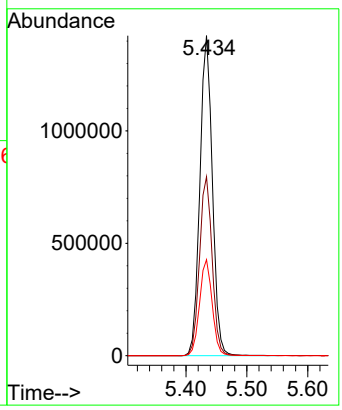


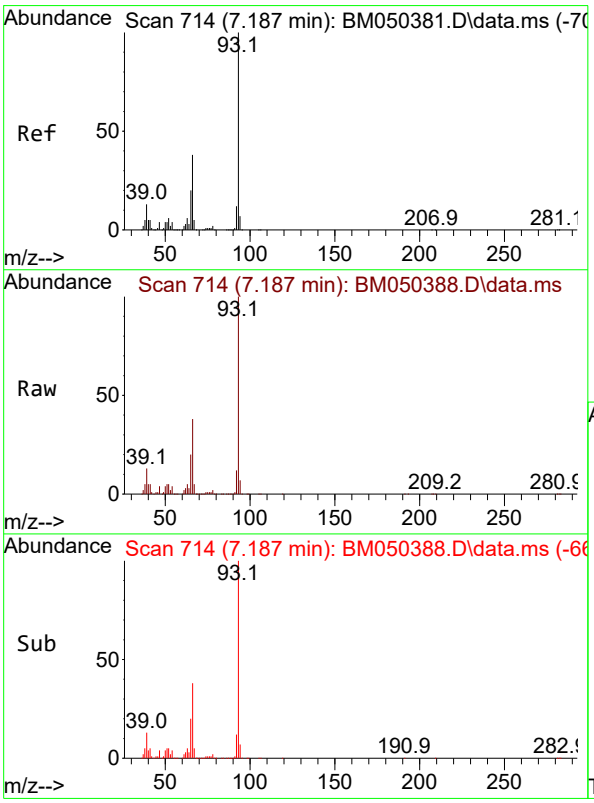
#5
2-Fluorophenol
Concen: 78.297 ng
RT: 5.434 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2031844

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.5	68.3
63	30.0	24.2	36.4

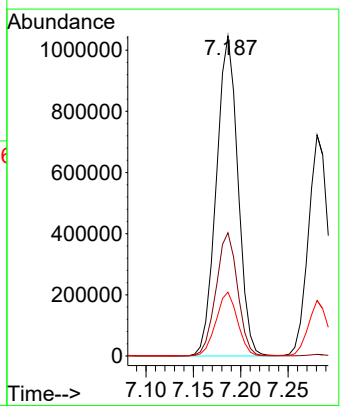


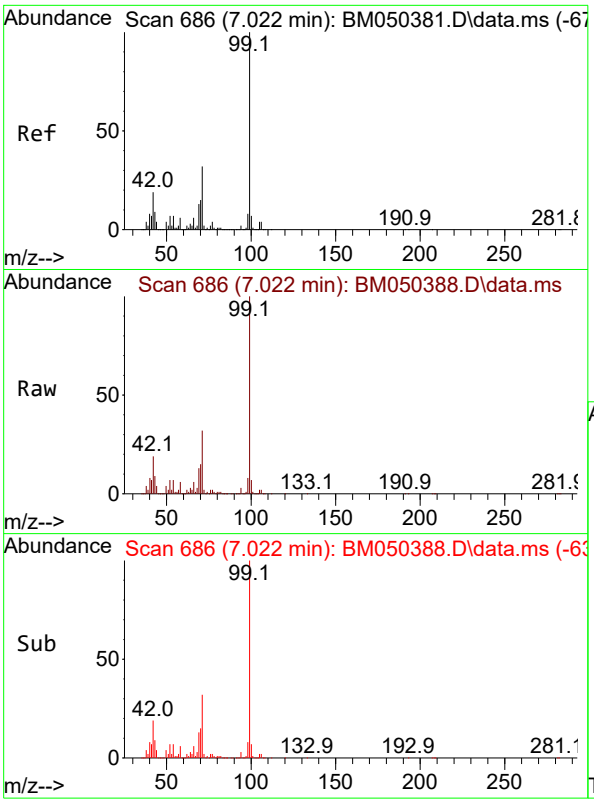


#6
Aniline
Concen: 39.604 ng
RT: 7.187 min Scan# 714
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 93 Resp: 1662658

Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.5	45.7
65	20.0	15.9	23.9



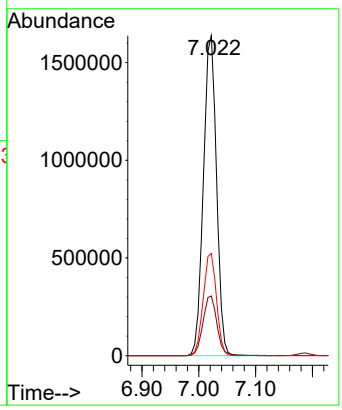


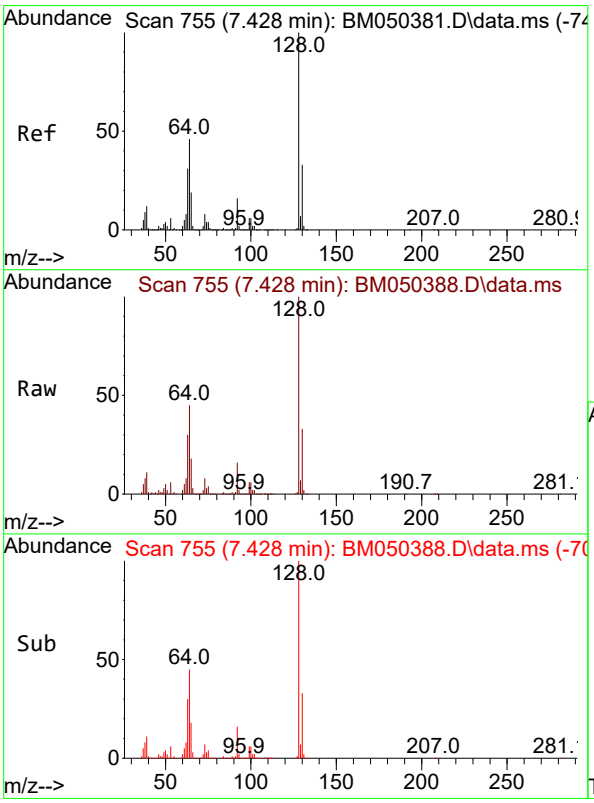
#7
Phenol-d6
Concen: 79.995 ng
RT: 7.022 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2616916

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.6
71	32.0	25.9	38.9

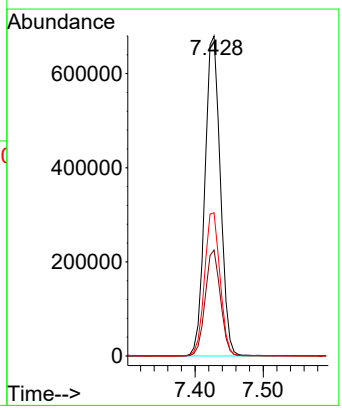


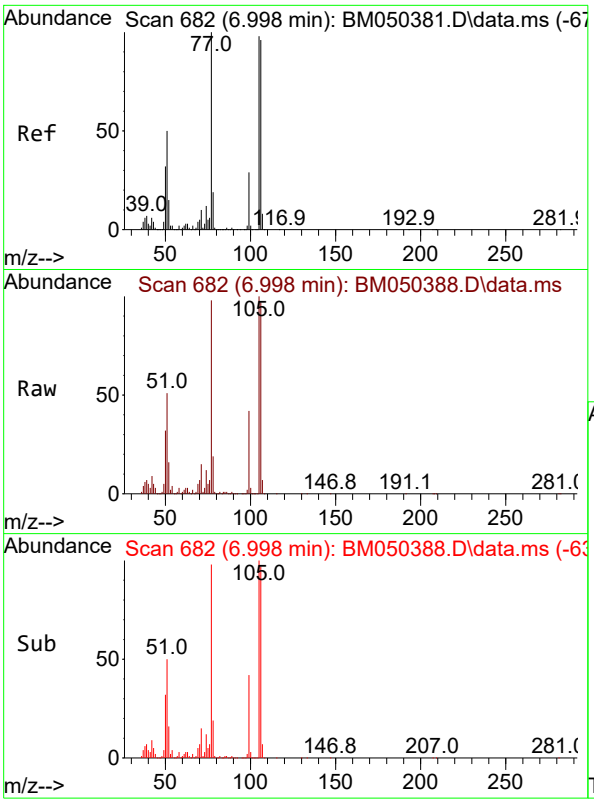


#8
2-Chlorophenol
Concen: 39.160 ng
RT: 7.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:128 Resp: 1071561

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.3	53.3
64	44.7	25.6	65.6



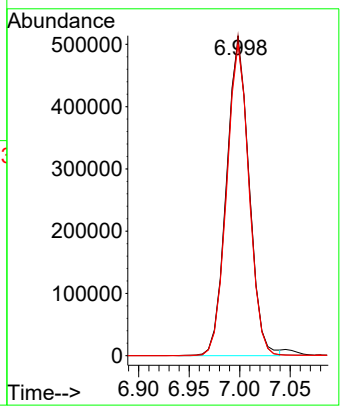


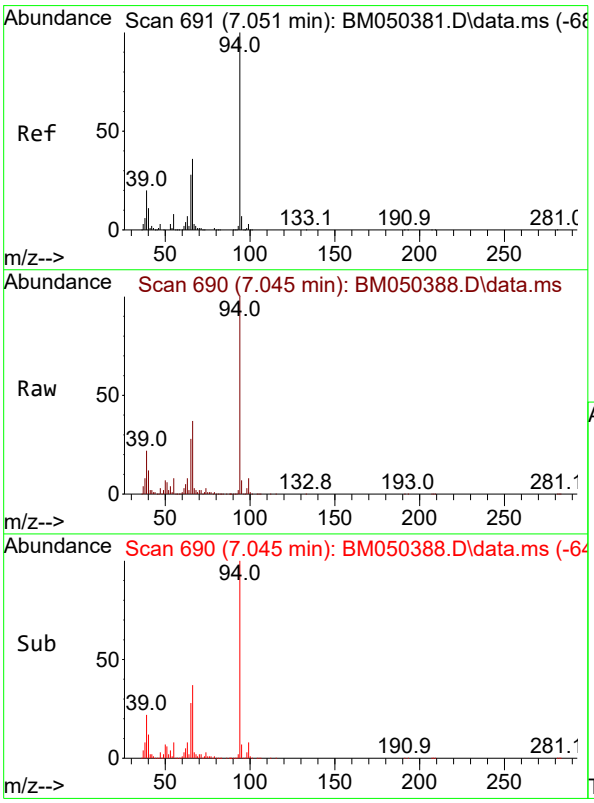
#9
Benzaldehyde
Concen: 40.670 ng m
RT: 6.998 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 791440

Ion	Ratio	Lower	Upper
77	100		
105	101.7	78.4	118.4
106	98.9	76.3	116.3

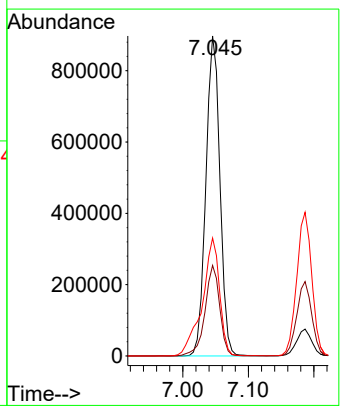


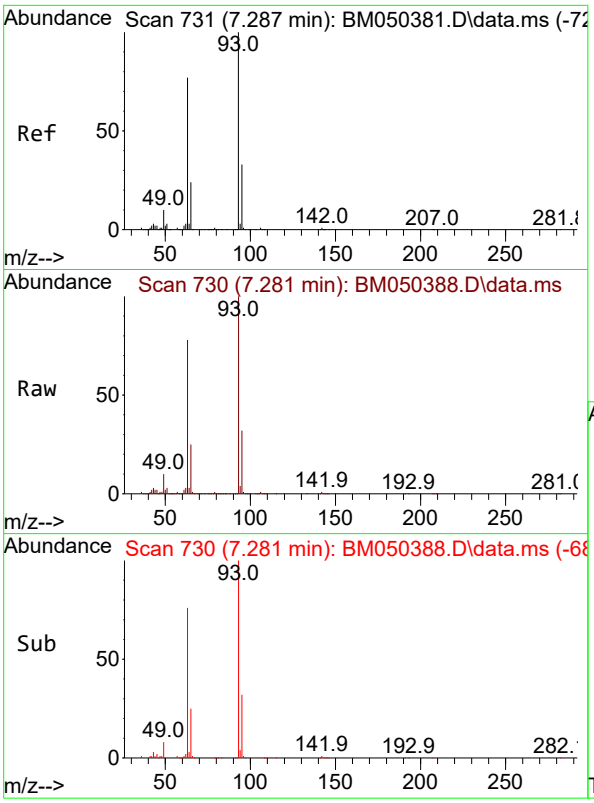


#10
Phenol
Concen: 39.244 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 94 Resp: 1338998

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.1	48.1
66	36.8	15.8	55.8



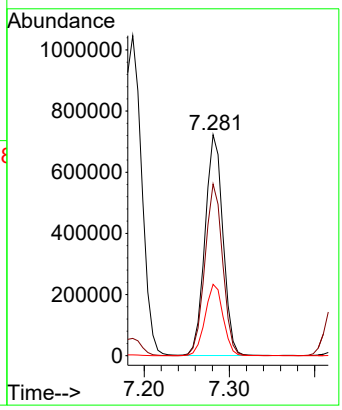


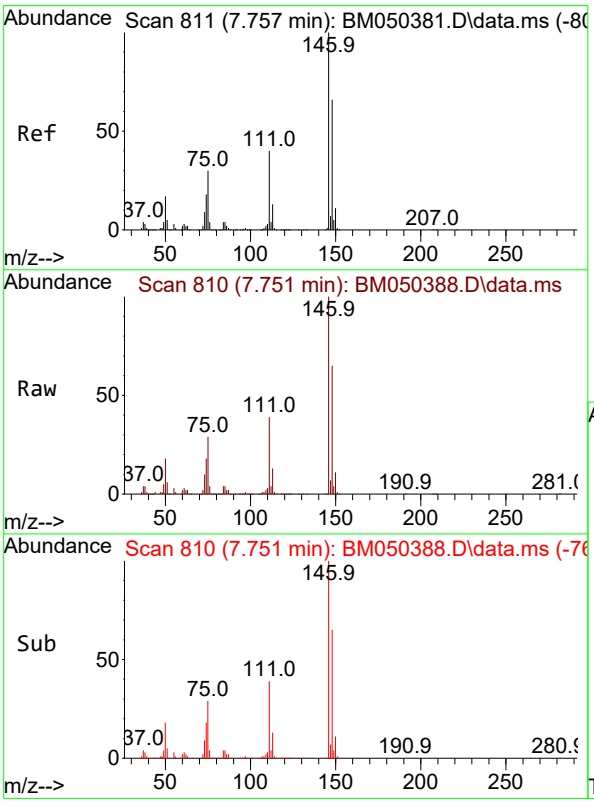
#11
bis(2-Chloroethyl)ether
Concen: 38.647 ng
RT: 7.281 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1056029

Ion	Ratio	Lower	Upper
93	100		
63	77.6	56.9	96.9
95	32.3	12.6	52.6

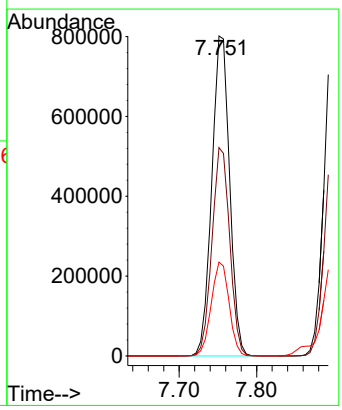


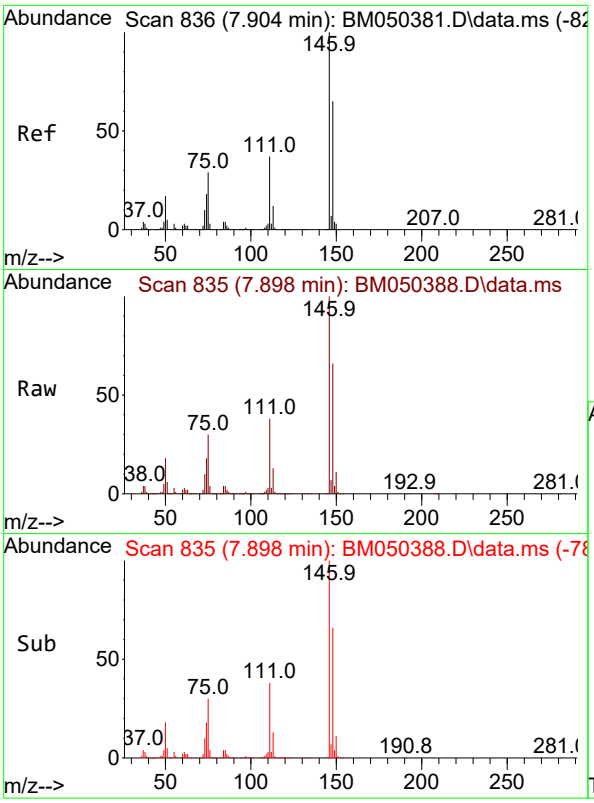


#12
1,3-Dichlorobenzene
Concen: 38.448 ng
RT: 7.751 min Scan# 810
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1279283

Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.2	79.8
75	29.4	23.9	35.9



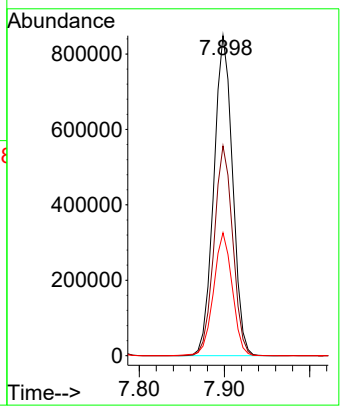


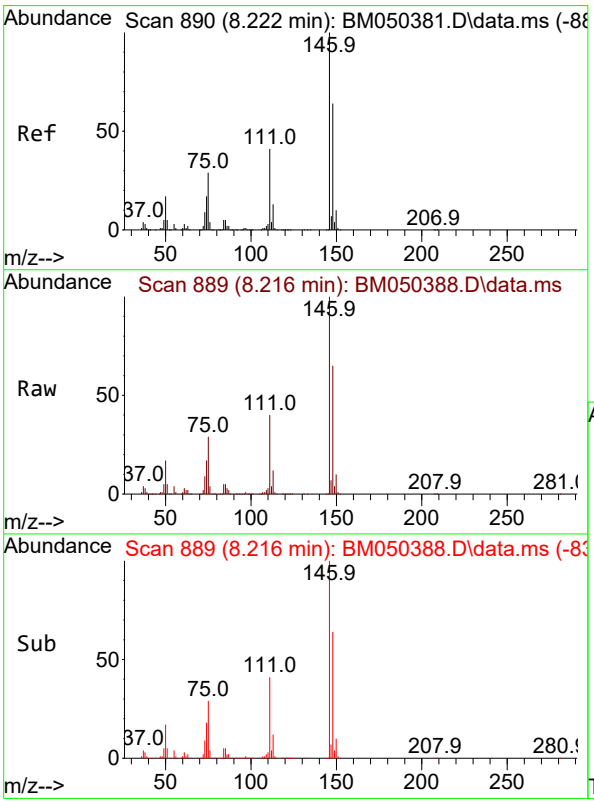
#13
1,4-Dichlorobenzene
Concen: 38.410 ng
RT: 7.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1304979

Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.9	77.9
111	38.4	30.0	45.0

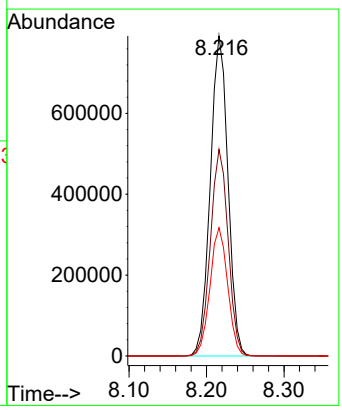


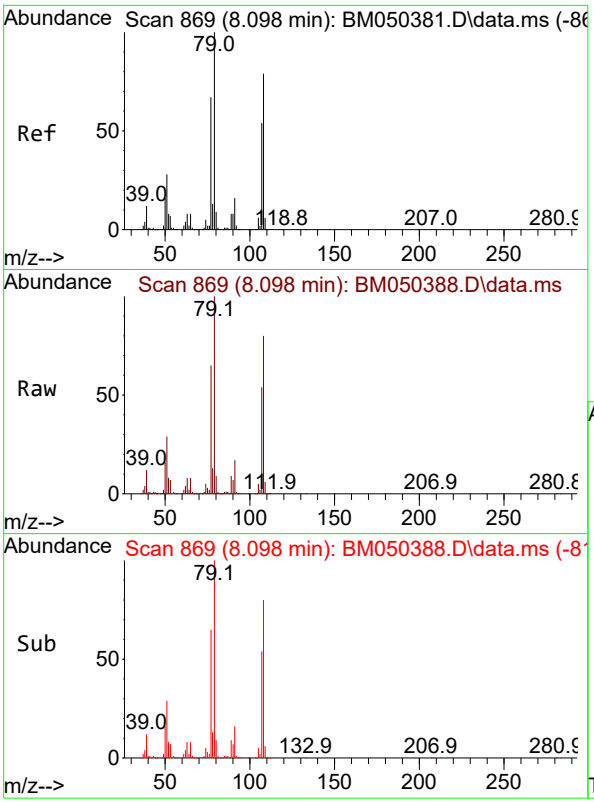


#14
1,2-Dichlorobenzene
Concen: 38.554 ng
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:146 Resp: 1254013

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
111	40.1	32.6	49.0



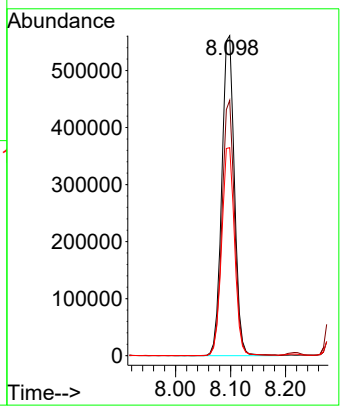


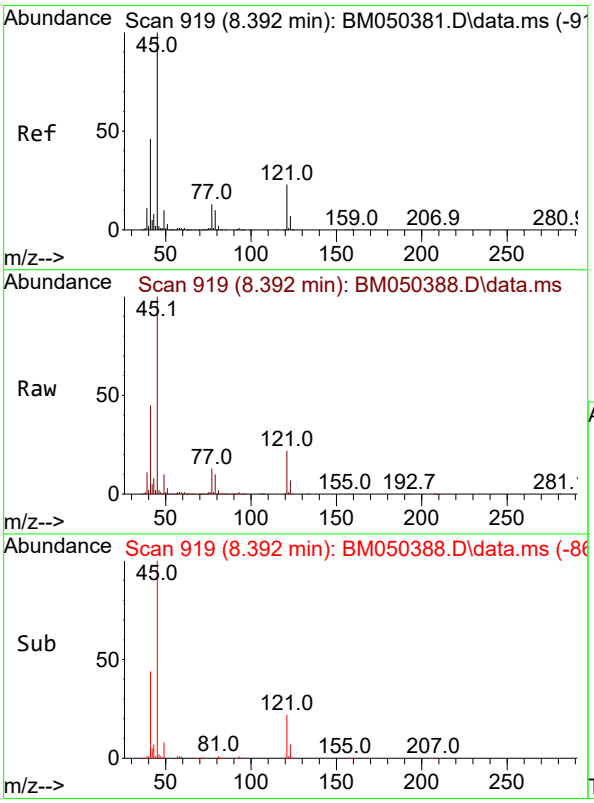
#15
Benzyl Alcohol
Concen: 38.705 ng
RT: 8.098 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 892127

Ion	Ratio	Lower	Upper
79	100		
108	79.8	63.0	94.4
77	65.0	53.4	80.0

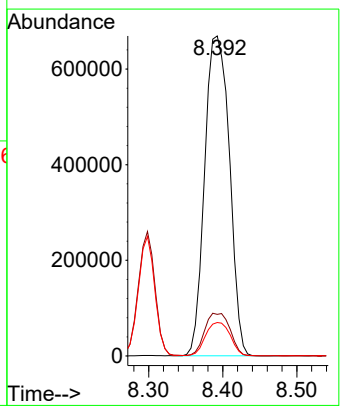


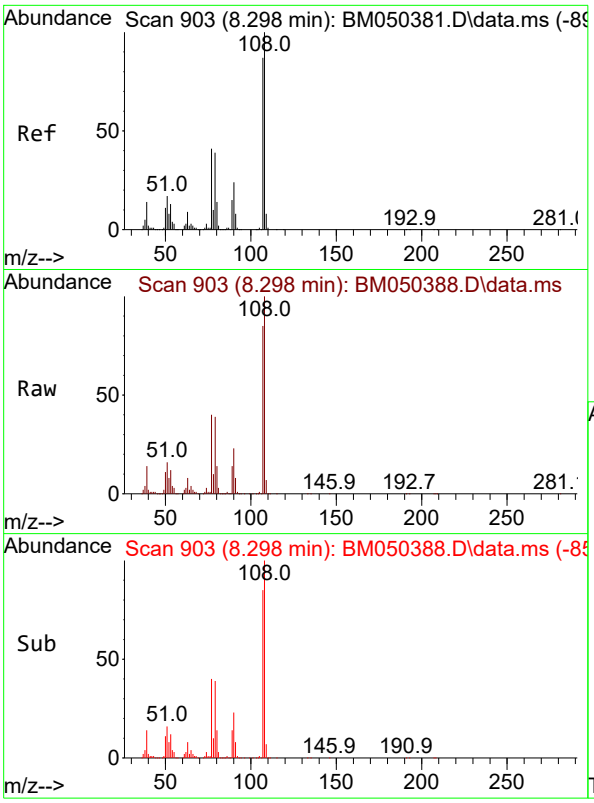


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.628 ng
RT: 8.392 min Scan# 919
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 45 Resp: 1554762

Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	33.5
79	10.4	0.0	30.3



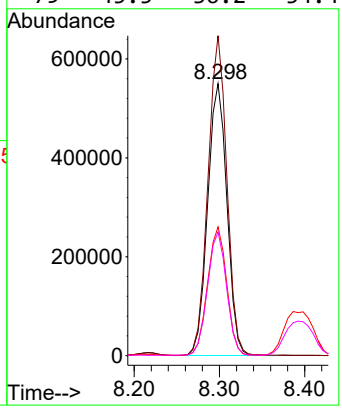


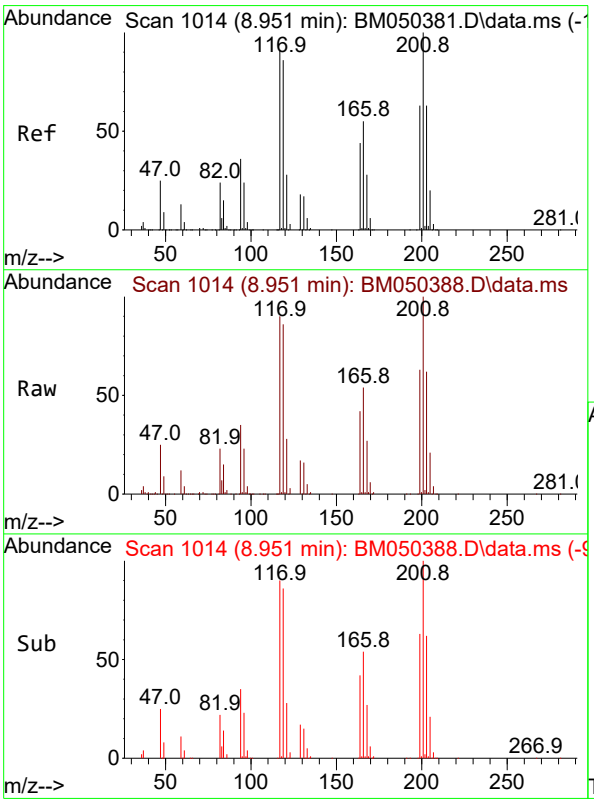
#17
2-Methylphenol
Concen: 39.119 ng
RT: 8.298 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 865693

Ion	Ratio	Lower	Upper
107	100		
108	117.6	92.1	138.1
77	47.3	38.2	57.4
79	45.5	36.2	54.4

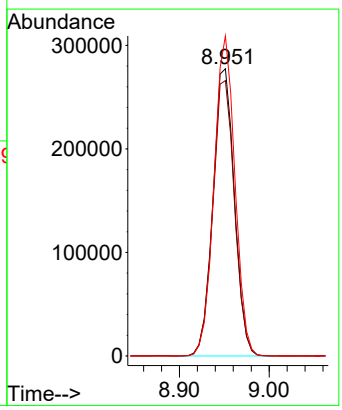


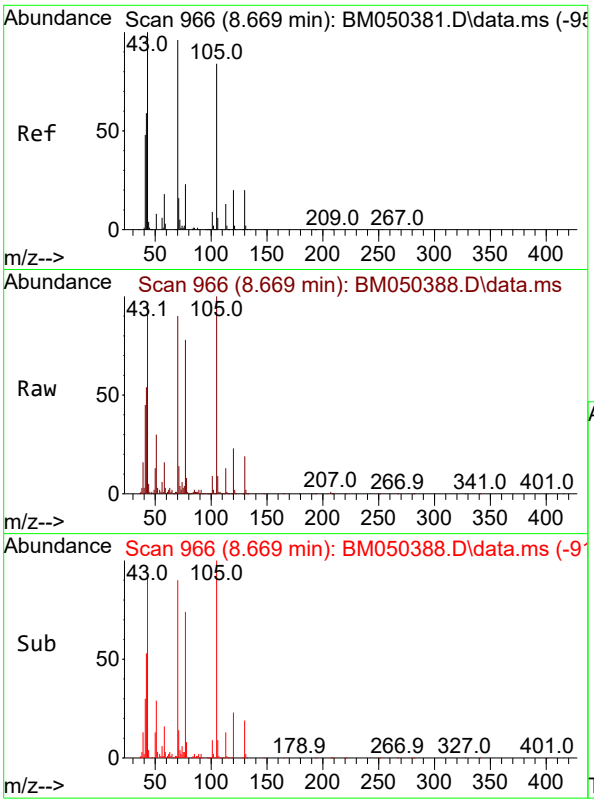


#18
Hexachloroethane
Concen: 38.629 ng
RT: 8.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:117 Resp: 461565

Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.6	113.4
201	111.4	87.9	131.9



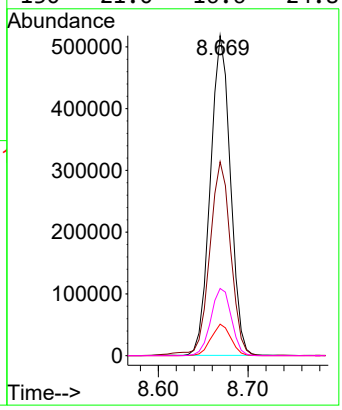


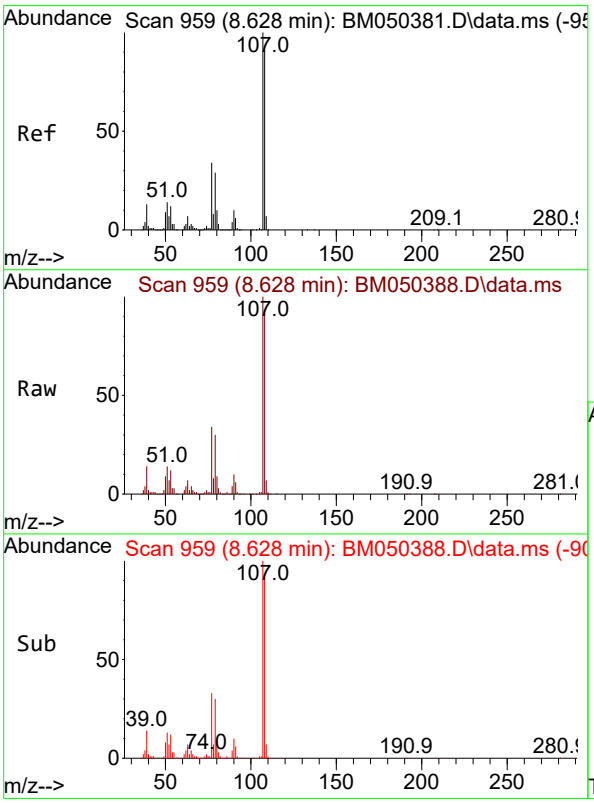
#19
n-Nitroso-di-n-propylamine
Concen: 40.582 ng
RT: 8.669 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 804233

Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.7	74.5
101	9.9	7.7	11.5
130	21.0	16.6	24.8

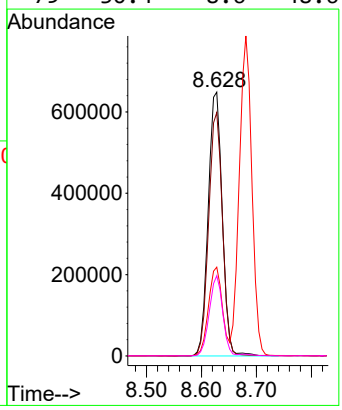


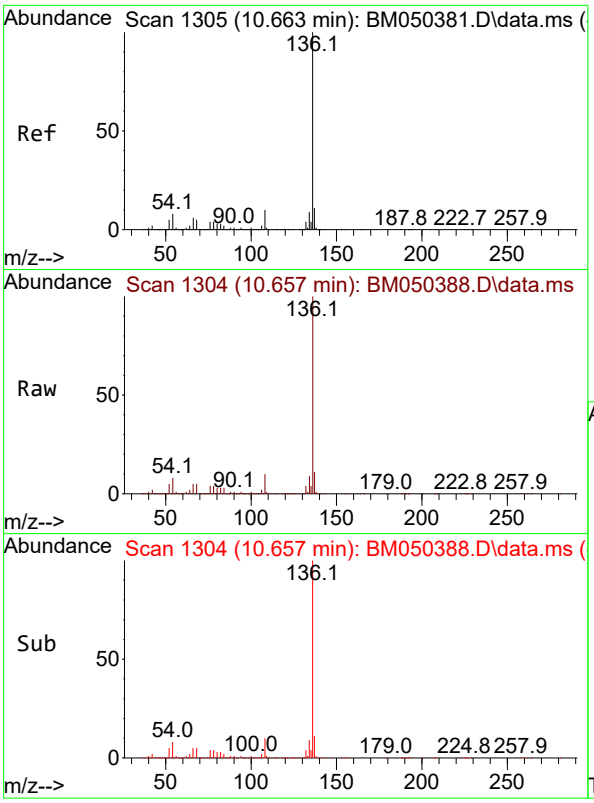


#20
3+4-Methylphenols
Concen: 38.828 ng
RT: 8.628 min Scan# 959
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:107 Resp: 1153500

Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.5	111.5
77	33.6	13.7	53.7
79	30.4	8.6	48.6



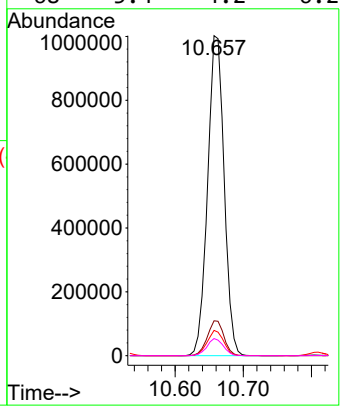


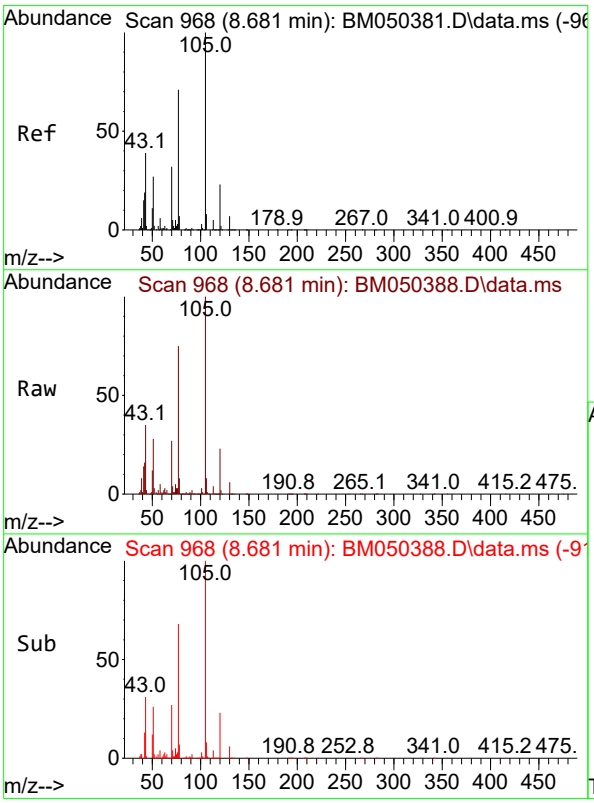
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1689419

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.3	9.5
68	5.4	4.2	6.2

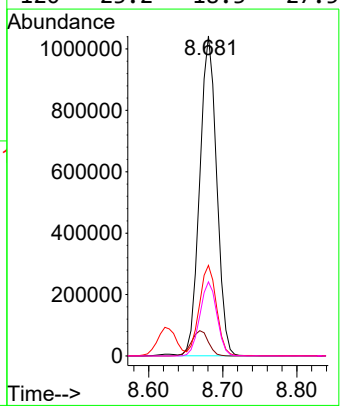


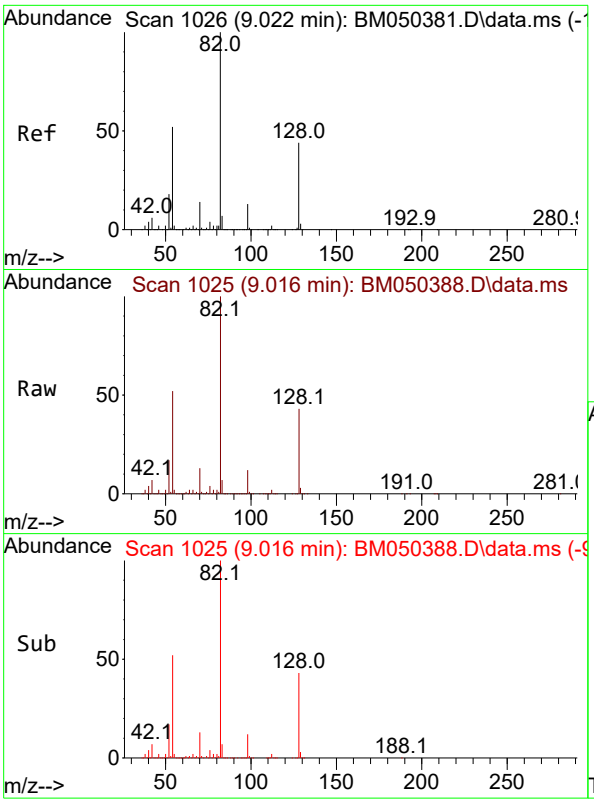


#22
Acetophenone
Concen: 39.254 ng
RT: 8.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:105 Resp: 1658059

Ion	Ratio	Lower	Upper
105	100		
71	4.3	4.4	6.6#
51	28.3	23.0	34.6
120	23.2	18.3	27.5



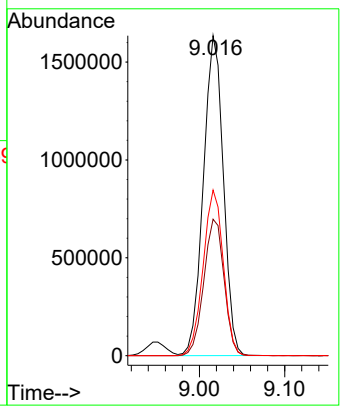


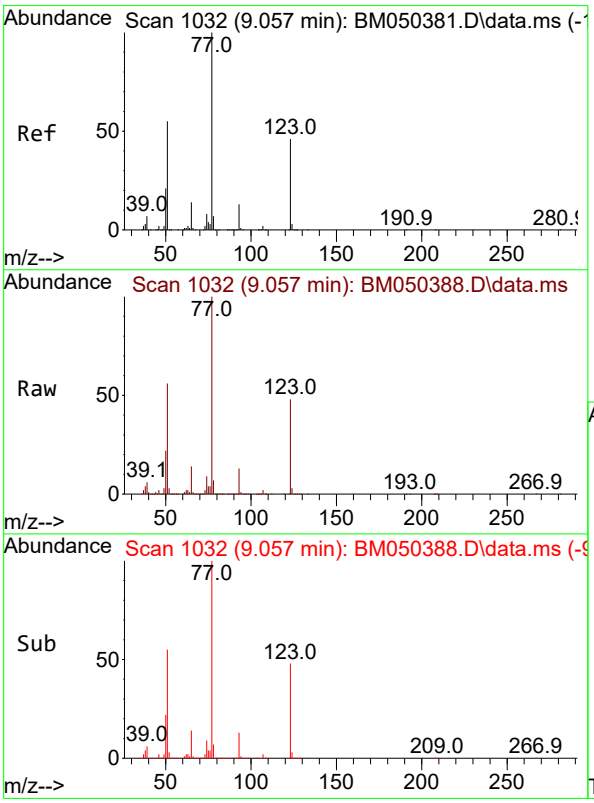
#23
Nitrobenzene-d5
Concen: 80.309 ng
RT: 9.016 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2659377

Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.2	52.8
54	51.7	41.5	62.3

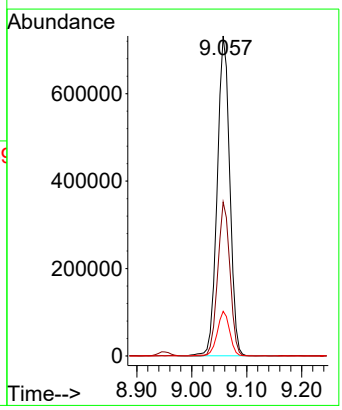


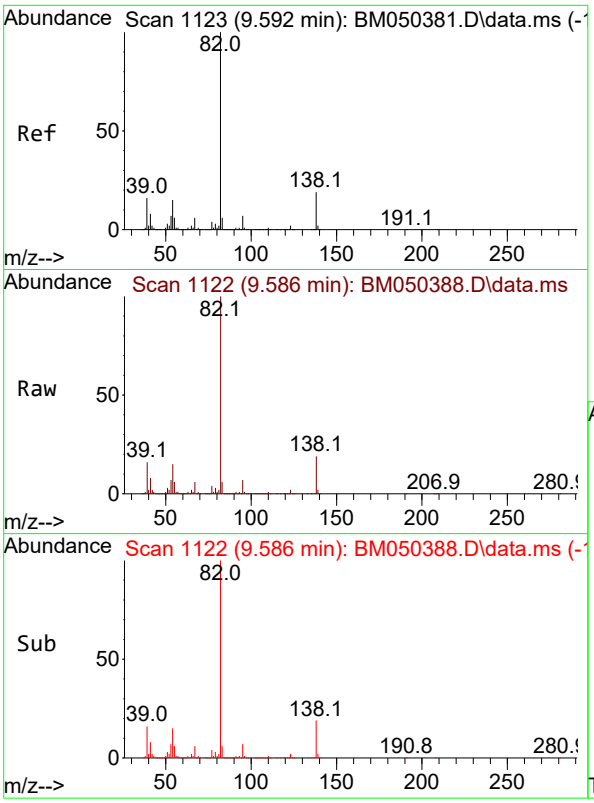


#24
Nitrobenzene
Concen: 39.209 ng
RT: 9.057 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 77 Resp: 1158614

Ion	Ratio	Lower	Upper
77	100		
123	48.1	37.0	55.6
65	14.0	11.0	16.4



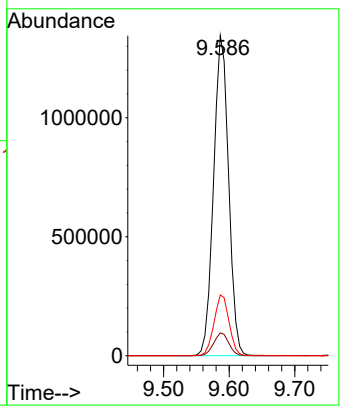


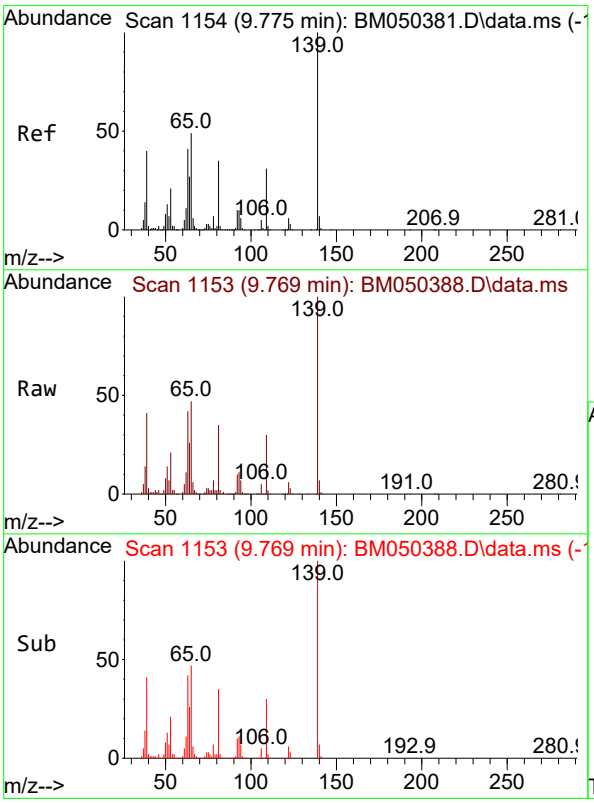
#25
Isophorone
Concen: 39.731 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2134890

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.0	15.3	22.9

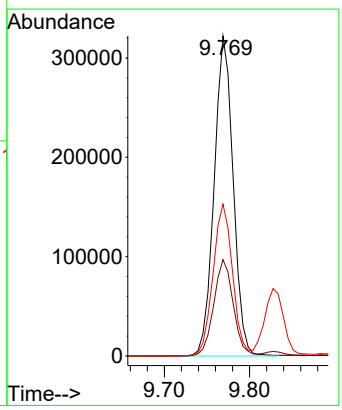


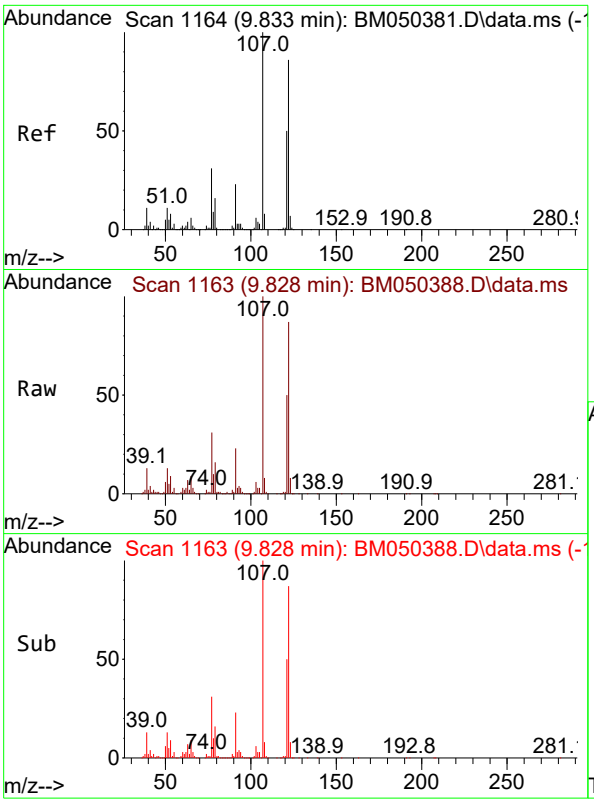


#26
2-Nitrophenol
Concen: 41.573 ng
RT: 9.769 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 500678

Ion	Ratio	Lower	Upper
139	100		
109	30.1	24.6	36.8
65	47.4	39.2	58.8



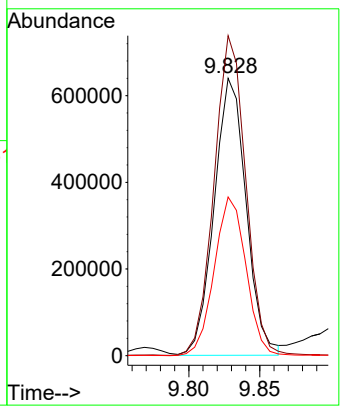


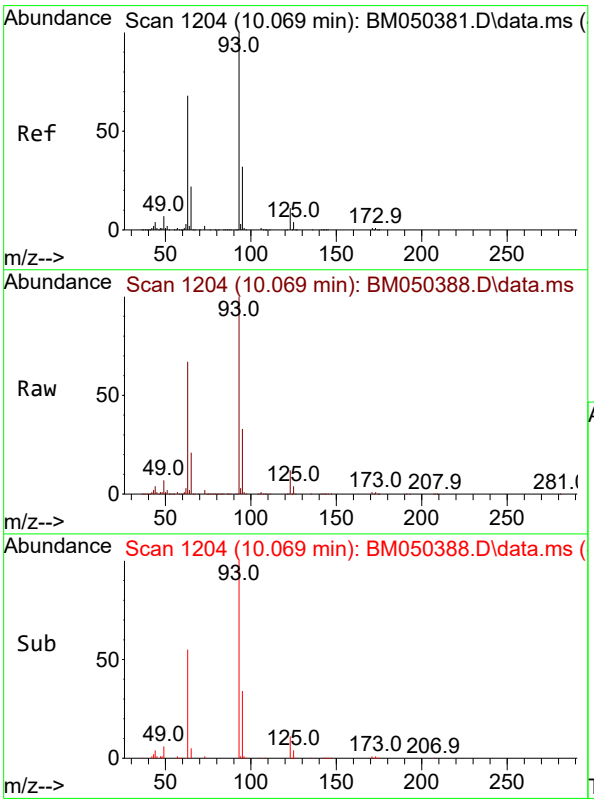
#27
2,4-Dimethylphenol
Concen: 39.120 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 1002511

Ion	Ratio	Lower	Upper
122	100		
107	115.4	93.0	139.6
121	57.2	46.1	69.1

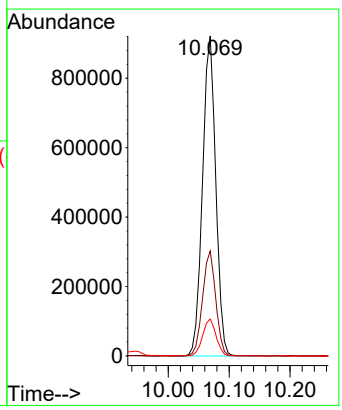


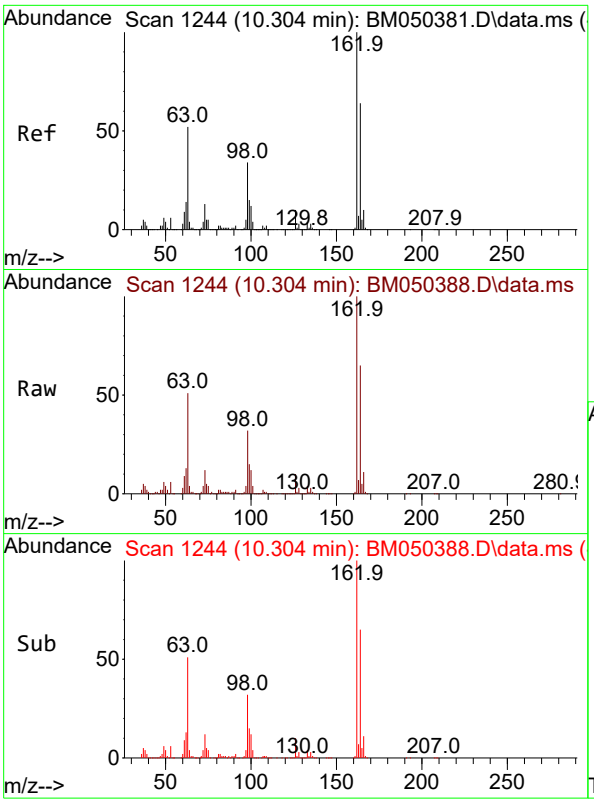


#28
bis(2-Chloroethoxy)methane
Concen: 39.134 ng
RT: 10.069 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 93 Resp: 1393378

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.8	38.6
123	11.5	9.1	13.7



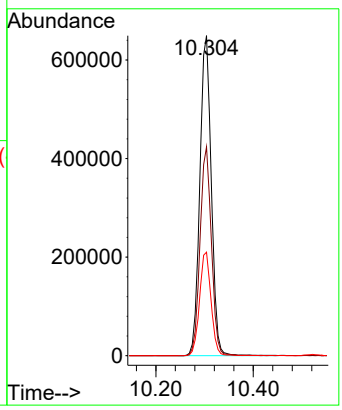


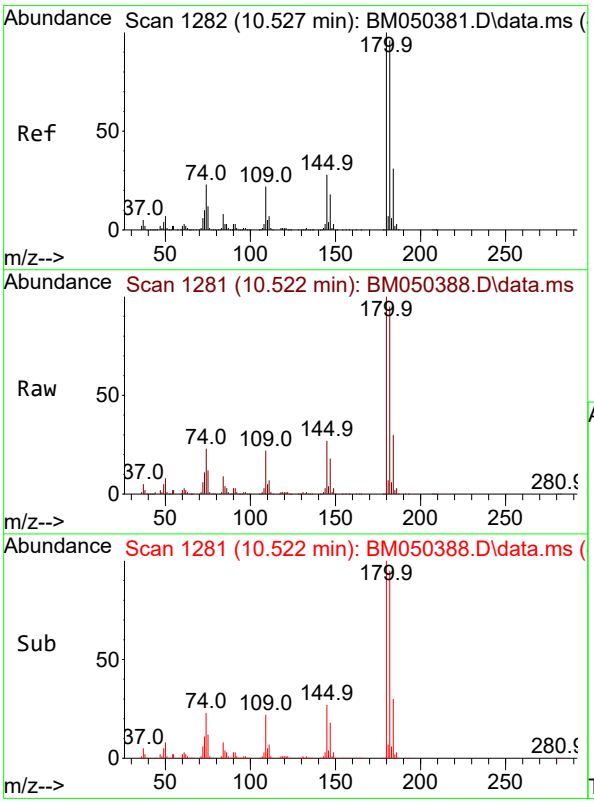
#29
2,4-Dichlorophenol
Concen: 40.255 ng
RT: 10.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1059842

Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.7	83.7
98	32.4	13.7	53.7

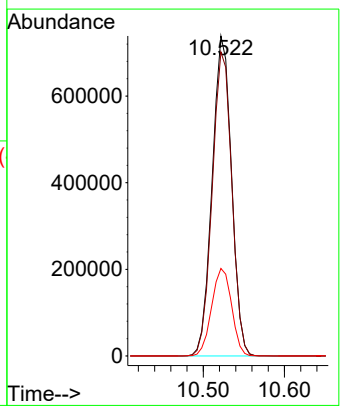


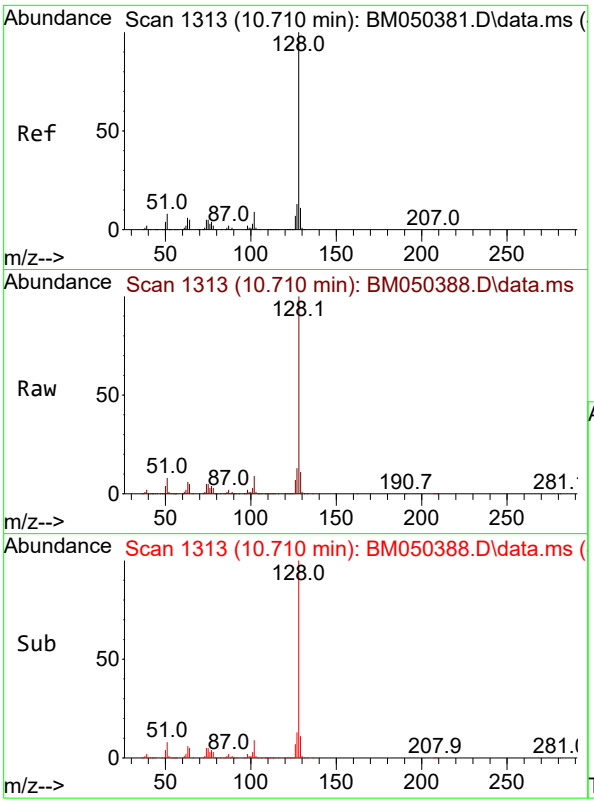


#30
1,2,4-Trichlorobenzene
Concen: 38.868 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:180 Resp: 1224173

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	27.4	22.6	33.8



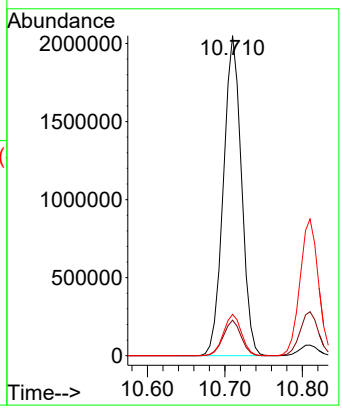


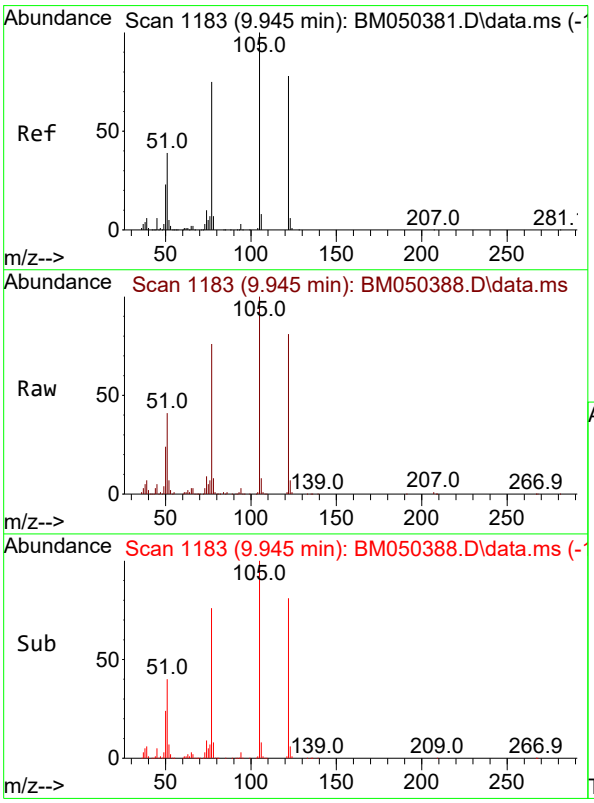
#31
Naphthalene
Concen: 38.687 ng
RT: 10.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 3319721

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.9	10.4	15.6

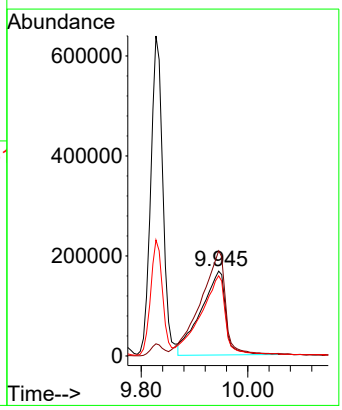


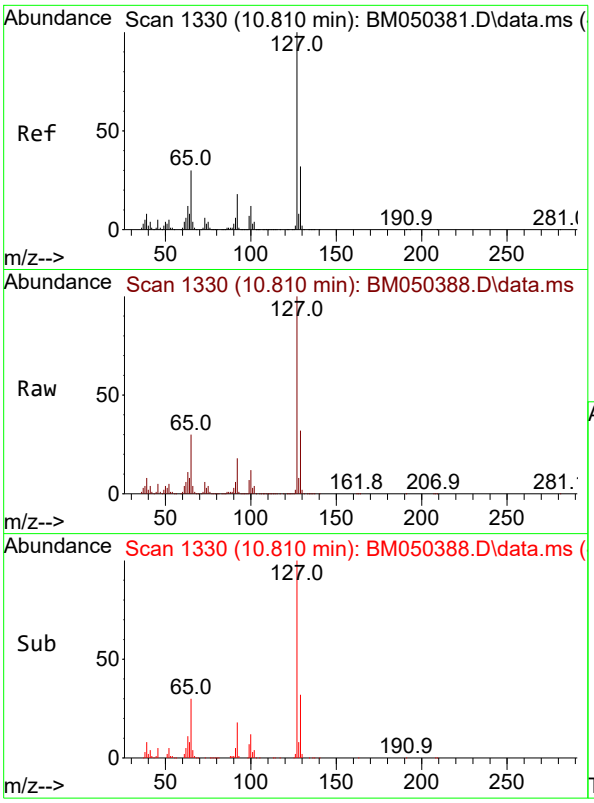


#32
Benzoic acid
Concen: 36.416 ng
RT: 9.945 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:122 Resp: 546926

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.0	144.0
77	94.6	73.8	113.8



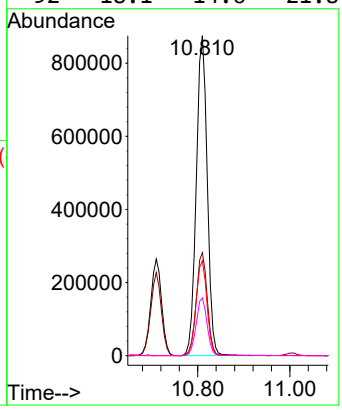


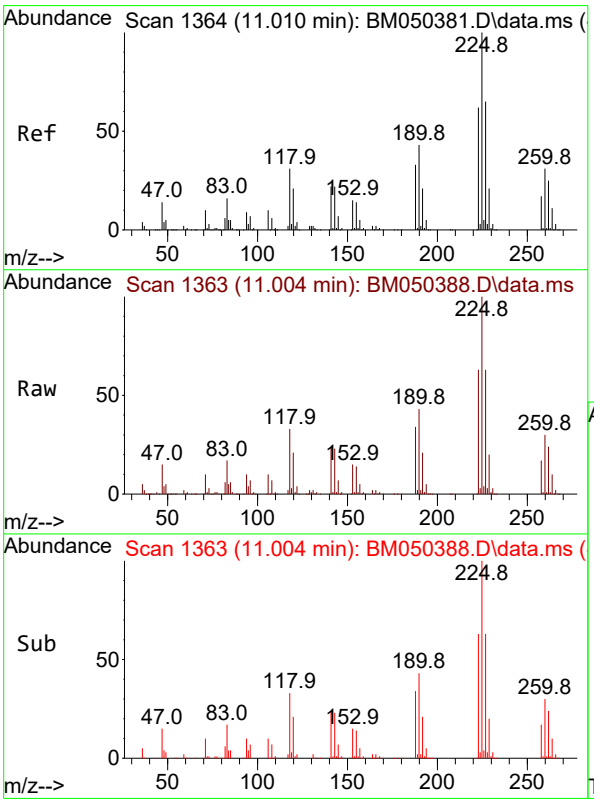
#33
4-Chloroaniline
Concen: 39.935 ng
RT: 10.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1448728

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.5	38.3
65	29.7	23.9	35.9
92	18.1	14.6	21.8

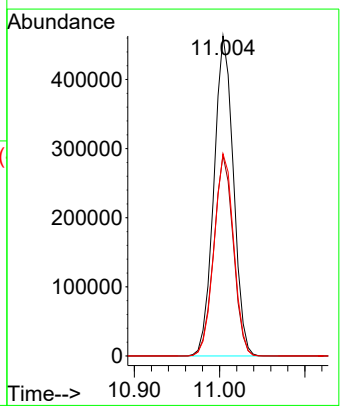


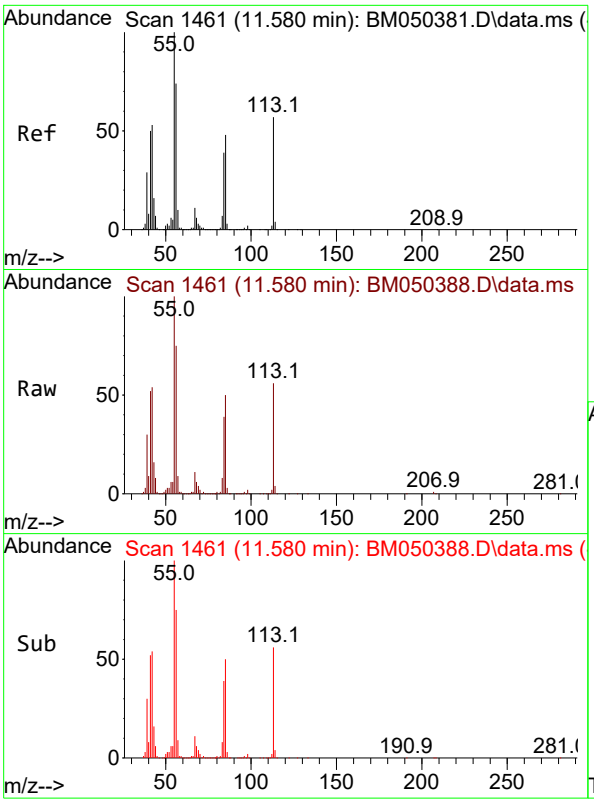


#34
Hexachlorobutadiene
Concen: 38.287 ng
RT: 11.004 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:225 Resp: 735985

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.2	52.1	78.1



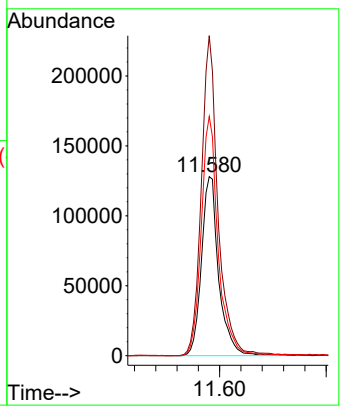


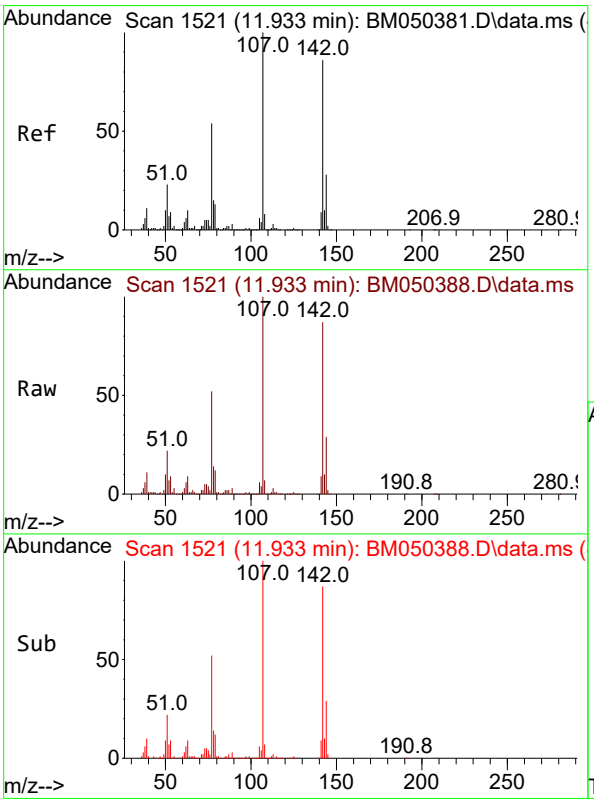
#35
Caprolactam
Concen: 39.842 ng
RT: 11.580 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 286350

Ion	Ratio	Lower	Upper
113	100		
55	178.8	157.2	197.2
56	133.7	111.7	151.7

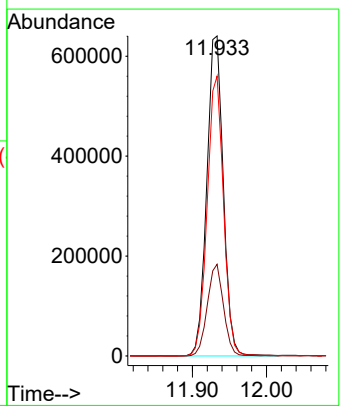


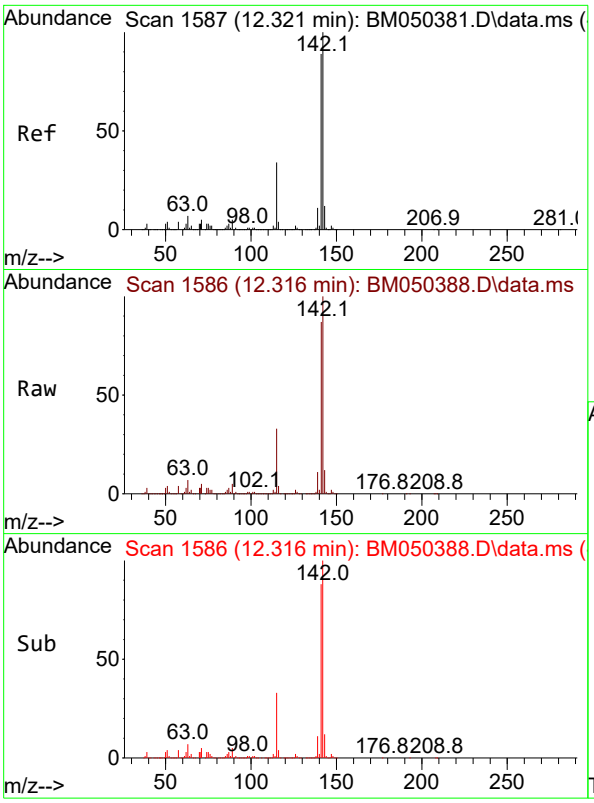


#36
4-Chloro-3-methylphenol
Concen: 40.292 ng
RT: 11.933 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:107 Resp: 990607

Ion	Ratio	Lower	Upper
107	100		
144	28.7	22.2	33.4
142	87.4	68.7	103.1



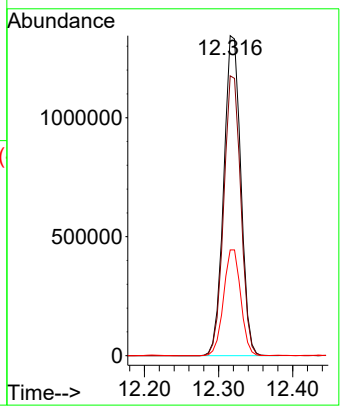


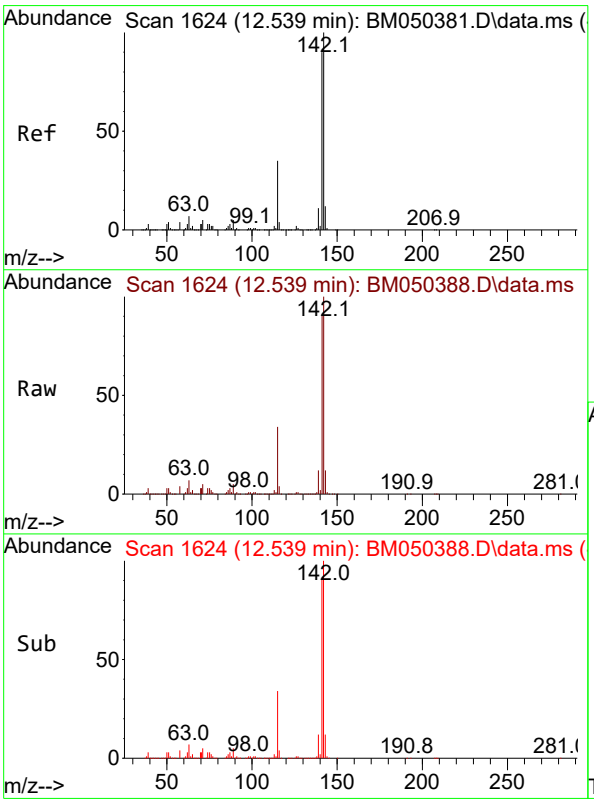
#37
2-Methylnaphthalene
Concen: 39.639 ng
RT: 12.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 2147668

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.8	106.2
115	33.1	27.0	40.4

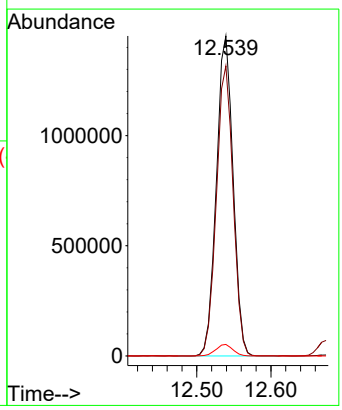


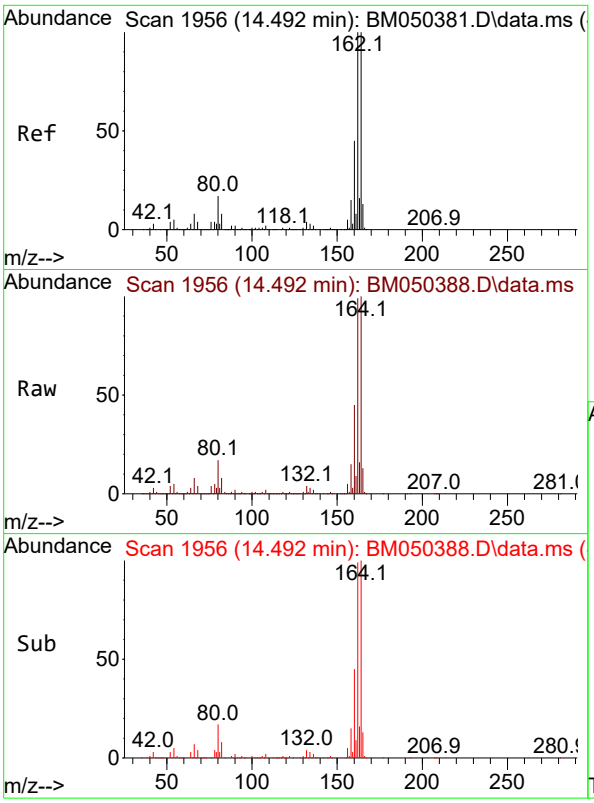


#38
1-Methylnaphthalene
Concen: 39.627 ng
RT: 12.539 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:142 Resp: 2272208

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
116	3.6	3.0	4.6



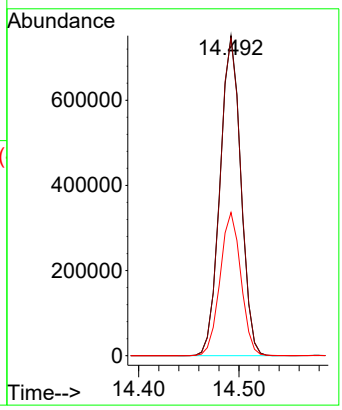


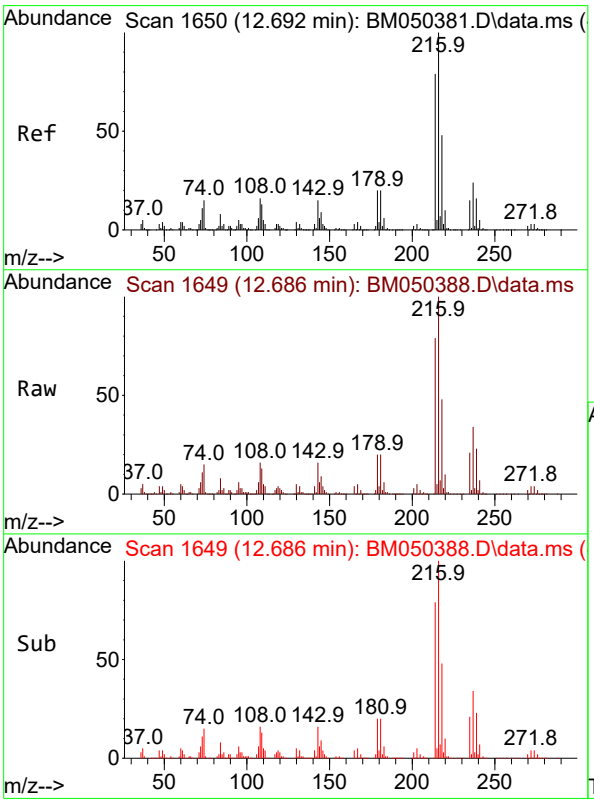
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1077979

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.9	119.9
160	44.7	36.2	54.4

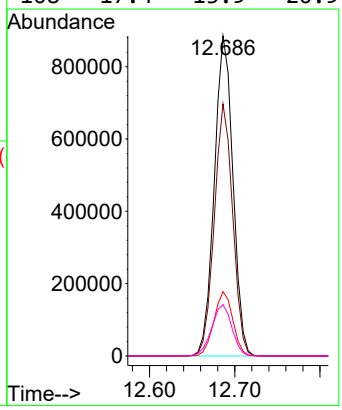


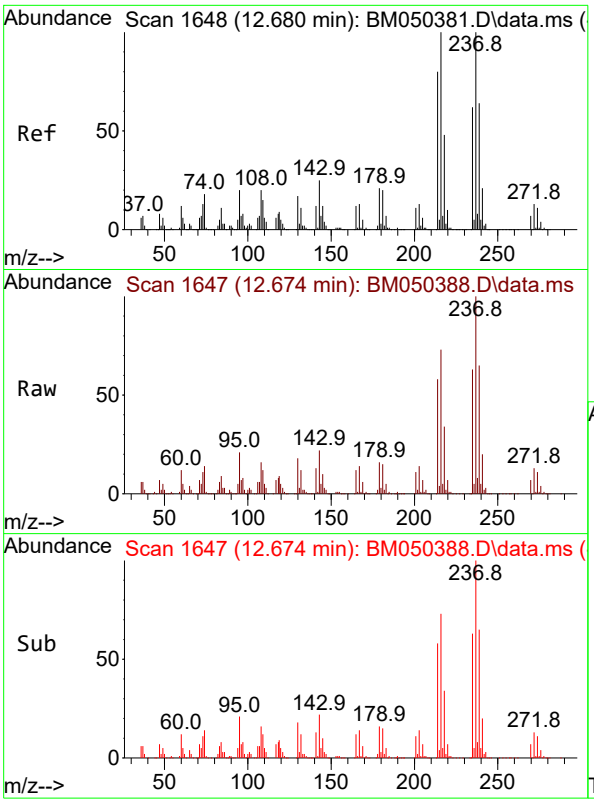


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.148 ng
RT: 12.686 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:216 Resp: 1342030

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.3	94.9
179	20.3	16.4	24.6
108	17.4	13.9	20.9



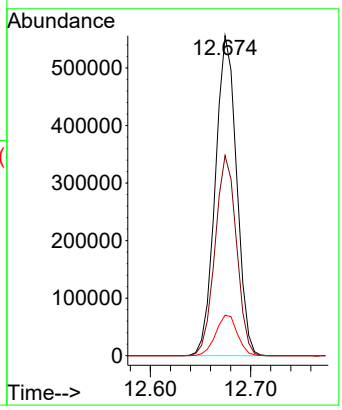


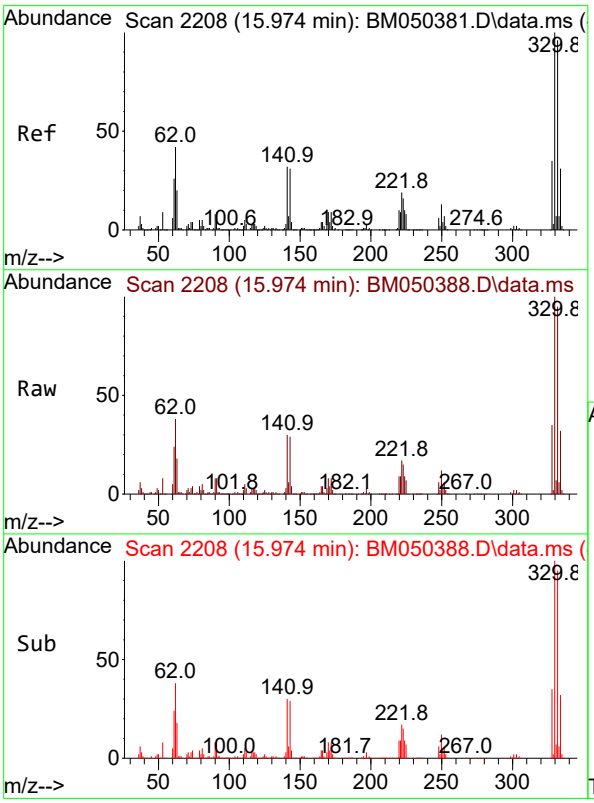
#41
Hexachlorocyclopentadiene
Concen: 37.405 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 819638

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.3	82.3
272	12.6	0.0	33.0

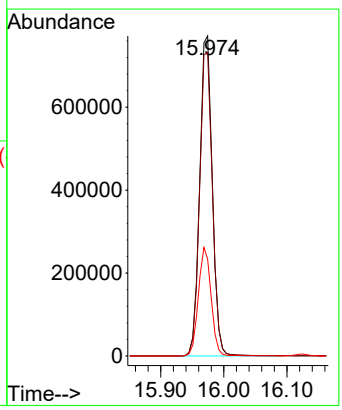


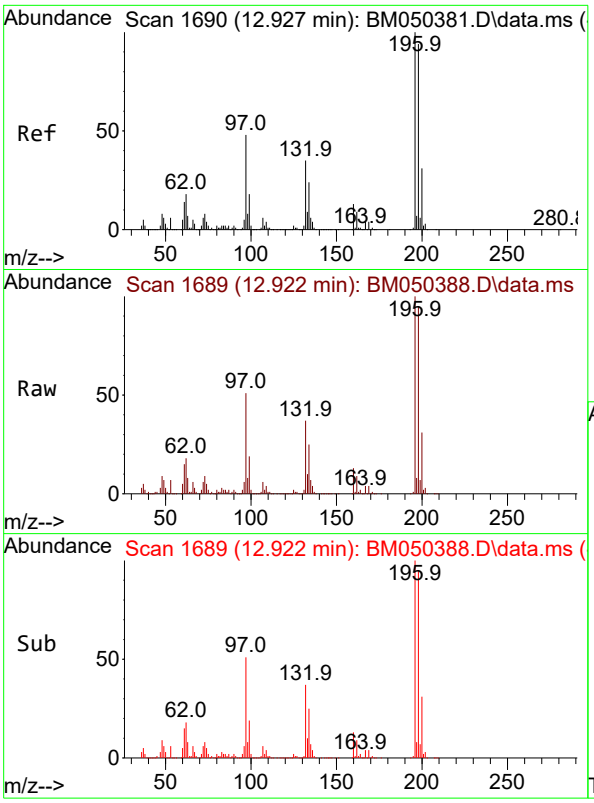


#42
2,4,6-Tribromophenol
Concen: 81.829 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:330 Resp: 1071758

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.9	115.3
141	34.1	27.4	41.0



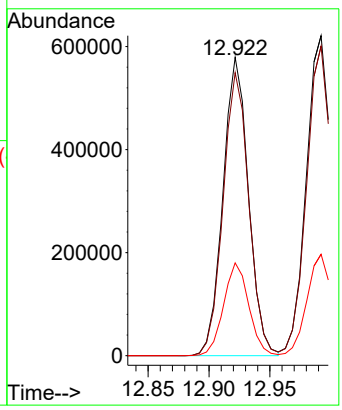


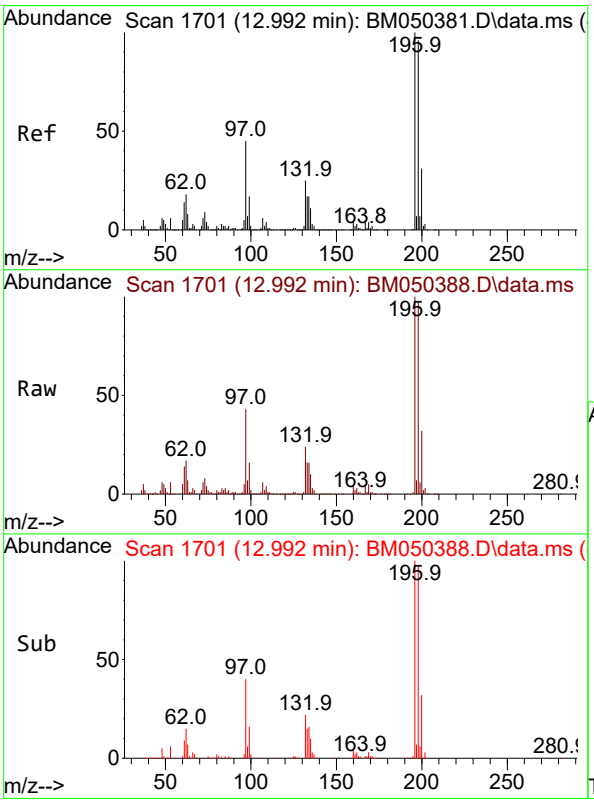
#43
2,4,6-Trichlorophenol
Concen: 40.113 ng
RT: 12.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 846428

Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.1	112.7
200	31.1	24.6	37.0

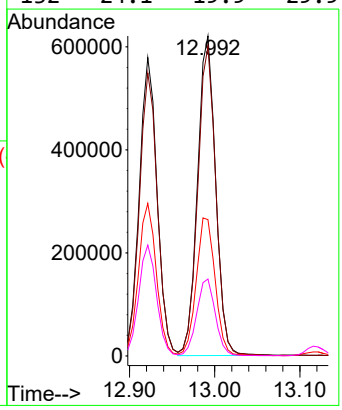


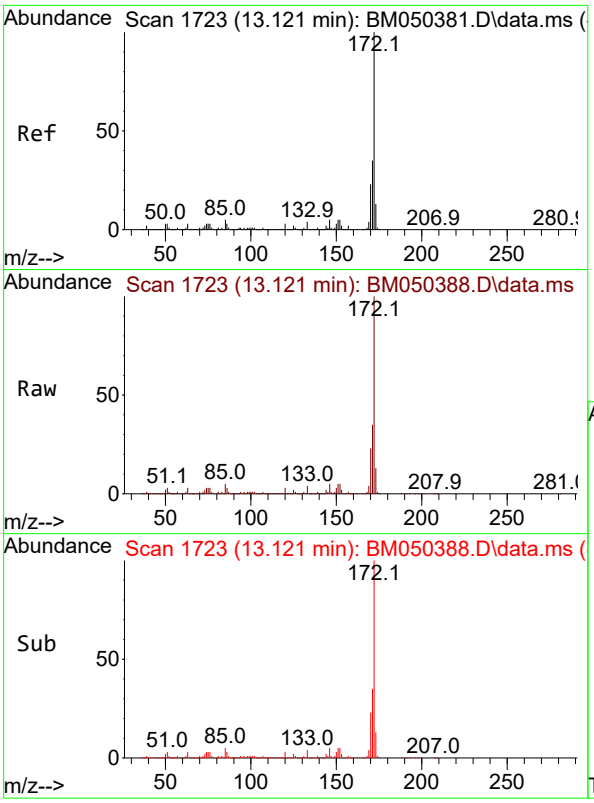


#44
2,4,5-Trichlorophenol
Concen: 39.828 ng
RT: 12.992 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:196 Resp: 917833

Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.2	115.8
97	42.6	36.2	54.4
132	24.1	19.9	29.9



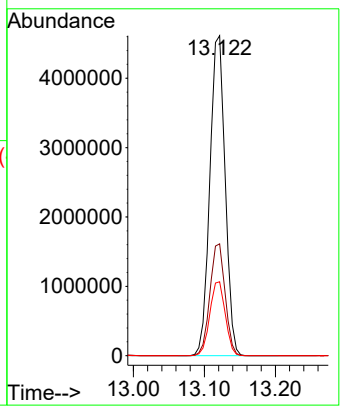


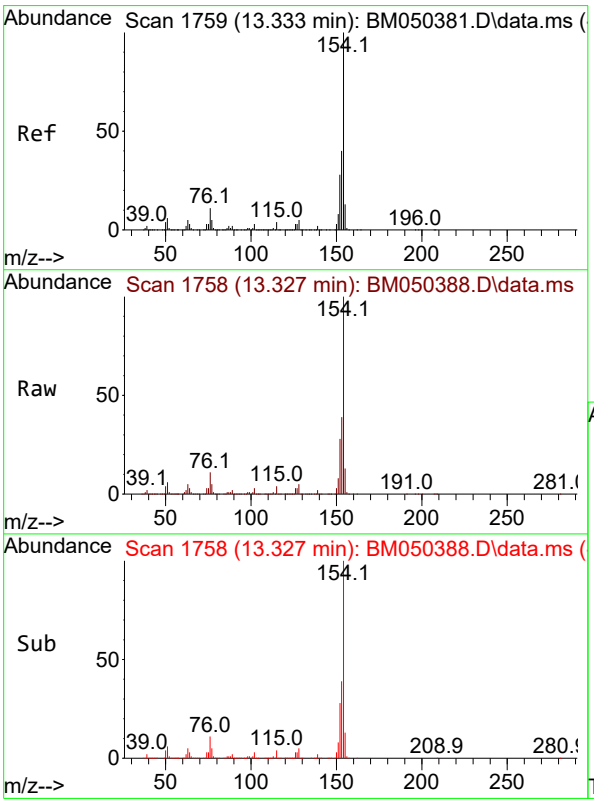
#45
2-Fluorobiphenyl
Concen: 78.998 ng
RT: 13.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 6895749

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.1	18.8	28.2

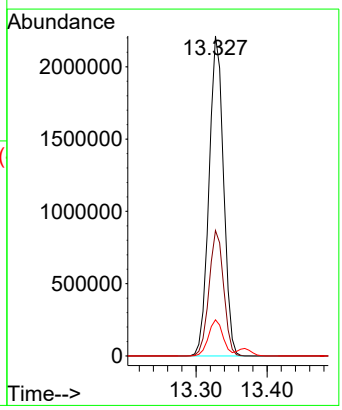


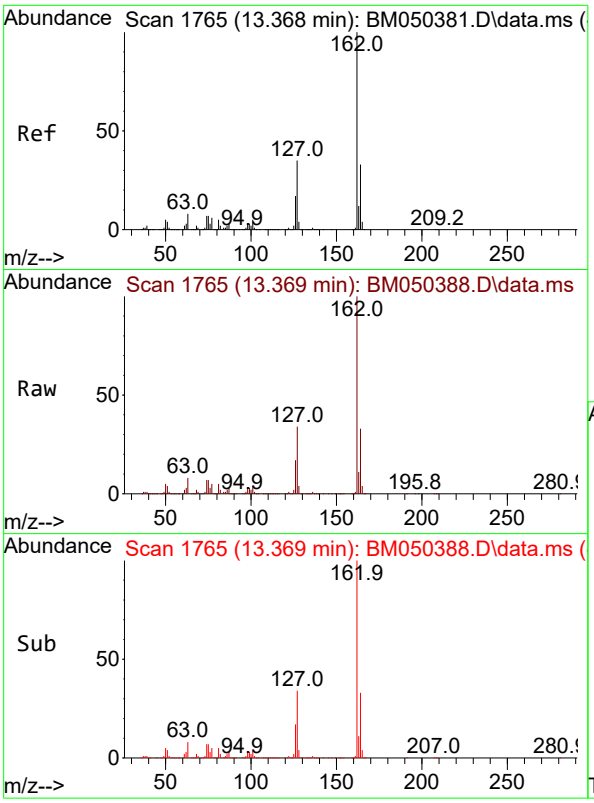


#46
1,1'-Biphenyl
Concen: 39.237 ng
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:154 Resp: 3138094

Ion	Ratio	Lower	Upper
154	100		
153	39.2	19.7	59.7
76	11.3	0.0	30.9



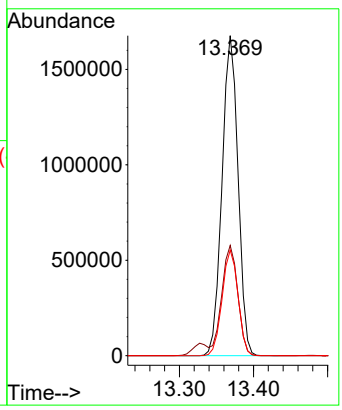


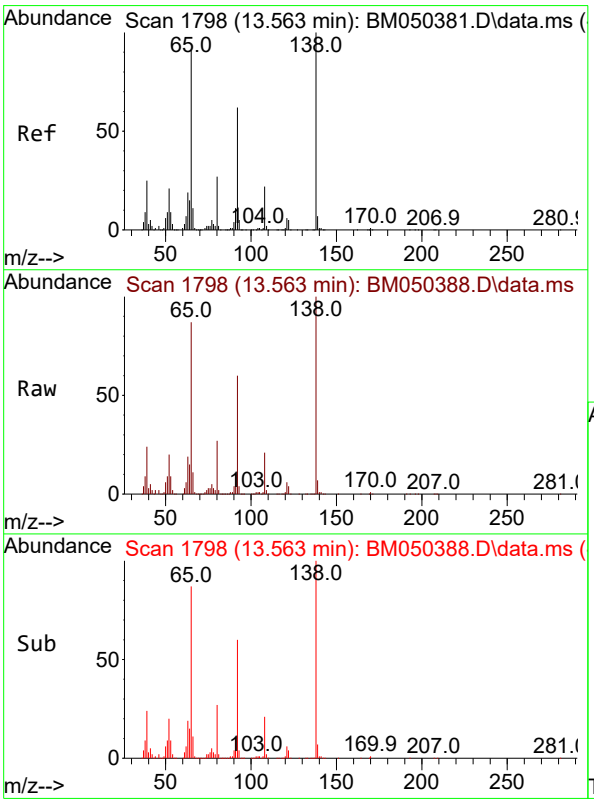
#47
2-Chloronaphthalene
Concen: 39.409 ng
RT: 13.369 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 2513031

Ion	Ratio	Lower	Upper
162	100		
127	34.5	28.3	42.5
164	33.0	26.6	40.0

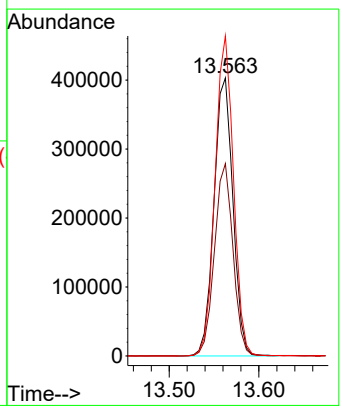


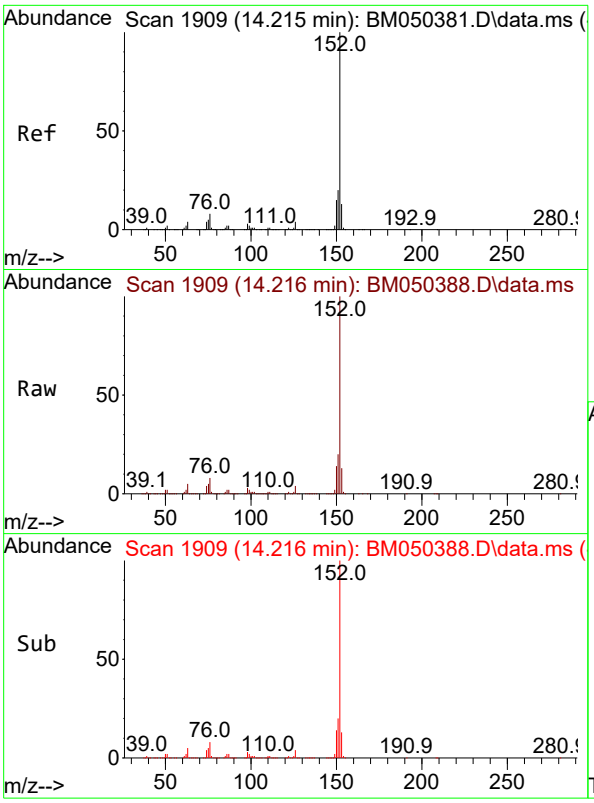


#48
2-Nitroaniline
Concen: 41.634 ng
RT: 13.563 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 65 Resp: 592609

Ion	Ratio	Lower	Upper
65	100		
92	69.1	54.3	81.5
138	115.1	87.8	131.6



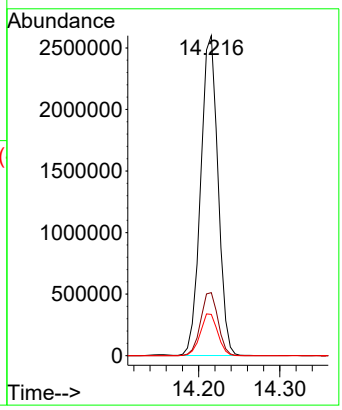


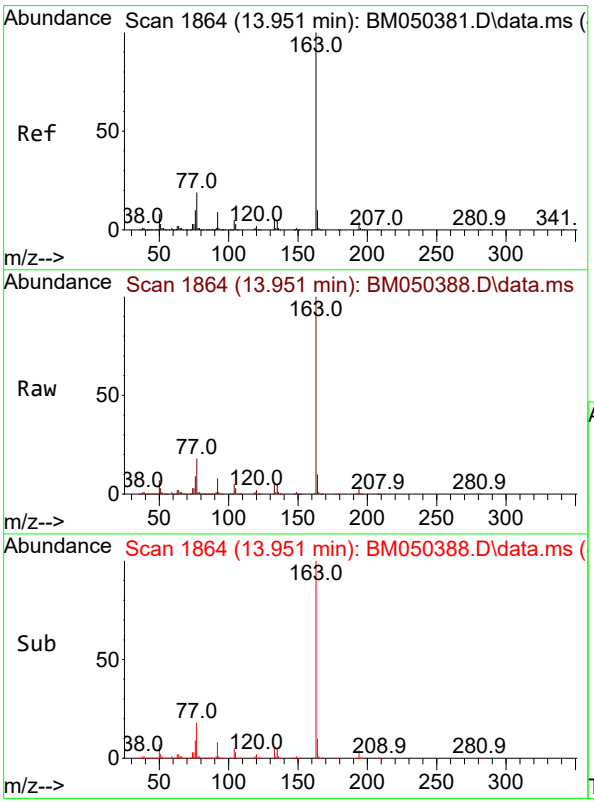
#49
Acenaphthylene
Concen: 39.840 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3839412

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.9	10.6	15.8

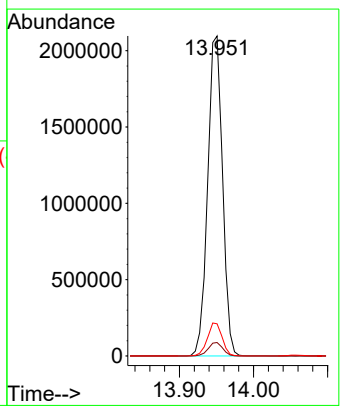


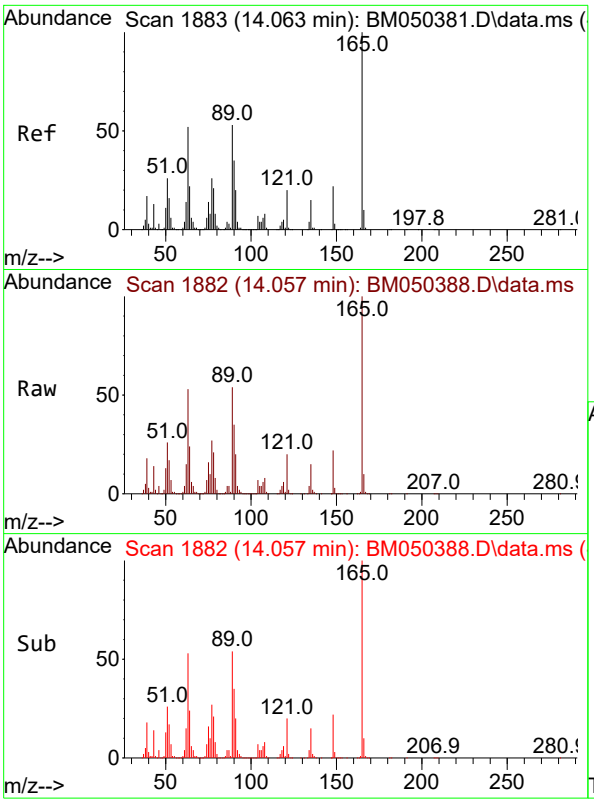


#50
Dimethylphthalate
Concen: 39.292 ng
RT: 13.951 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:163 Resp: 2916065

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.1	8.2	12.2



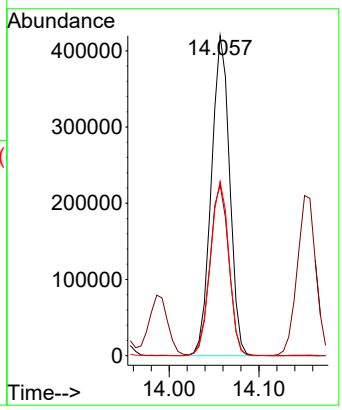


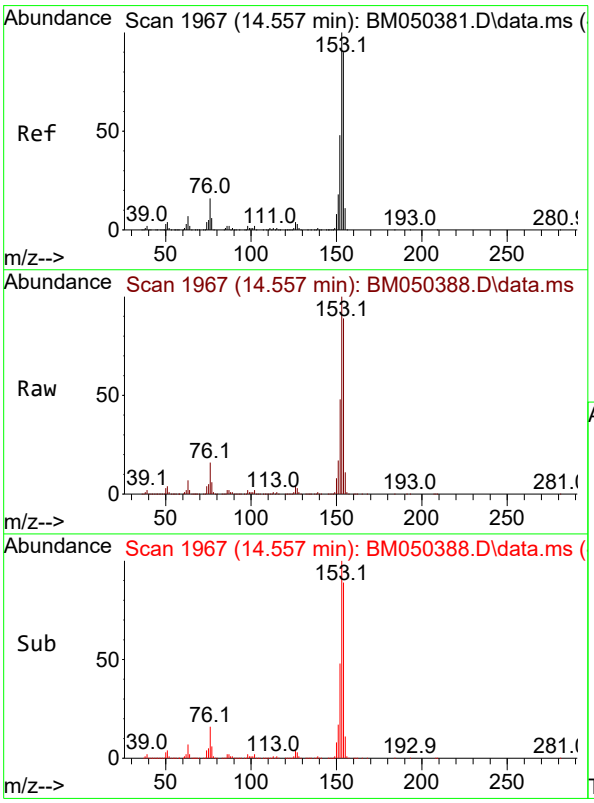
#51
2,6-Dinitrotoluene
Concen: 41.749 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 594910

Ion	Ratio	Lower	Upper
165	100		
63	53.4	42.4	63.6
89	54.5	42.2	63.2

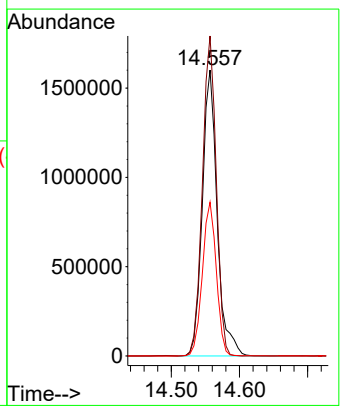


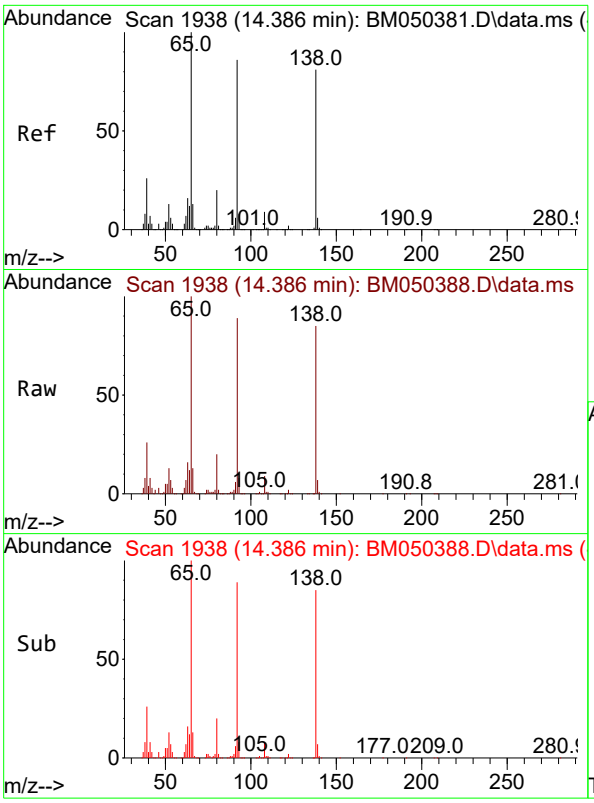


#52
Acenaphthene
Concen: 39.538 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:154 Resp: 2422434

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.2	133.8
152	53.8	42.6	64.0



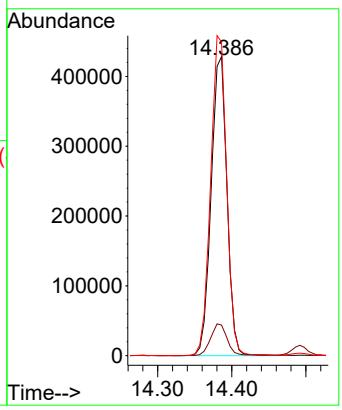


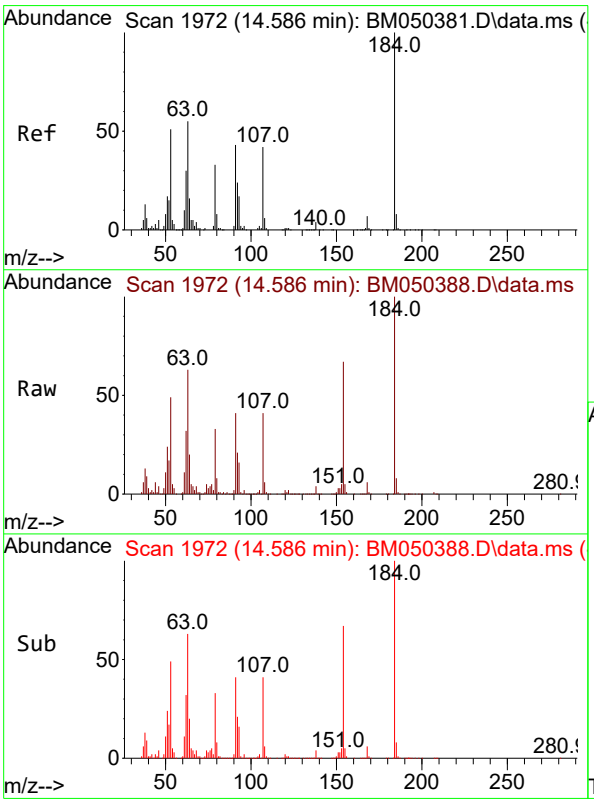
#53
3-Nitroaniline
Concen: 41.996 ng
RT: 14.386 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 636432

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	104.8	85.0	127.6

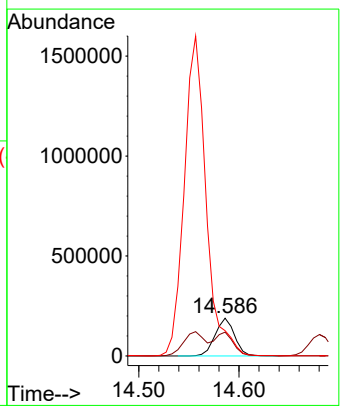


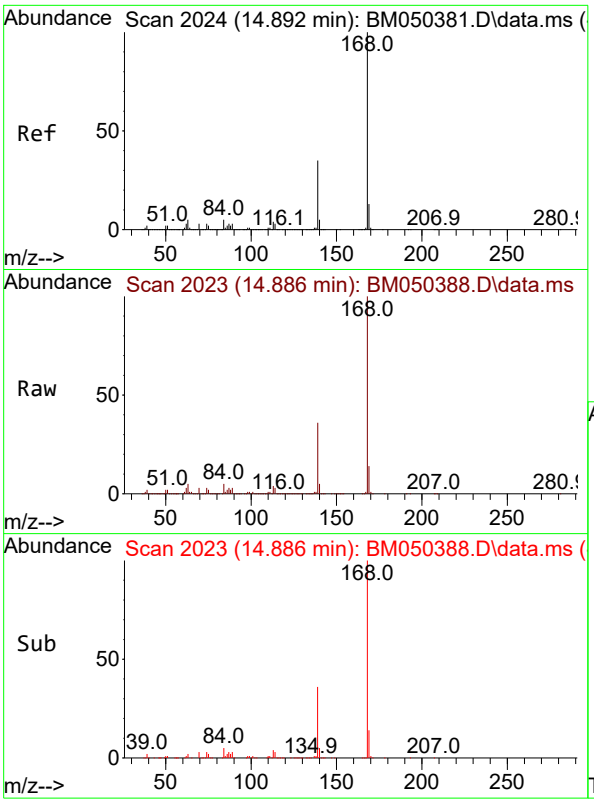


#54
2,4-Dinitrophenol
Concen: 36.238 ng
RT: 14.586 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:184 Resp: 254984

Ion	Ratio	Lower	Upper
184	100		
63	63.0	53.4	80.0
154	66.8	61.6	92.4



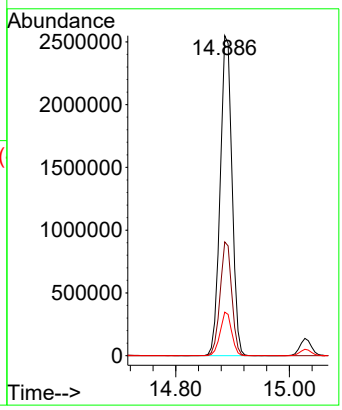


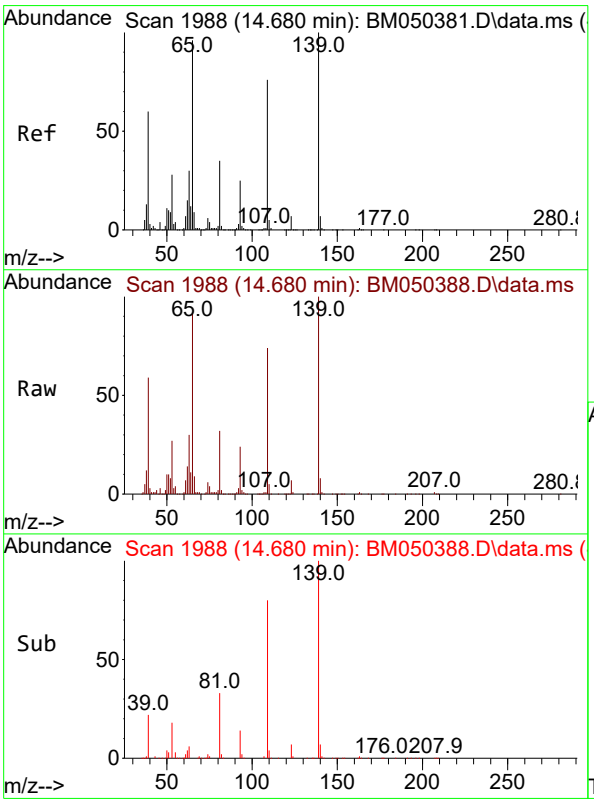
#55
Dibenzofuran
Concen: 39.075 ng
RT: 14.886 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3688817

Ion	Ratio	Lower	Upper
168	100		
139	35.5	27.7	41.5
169	13.6	10.7	16.1

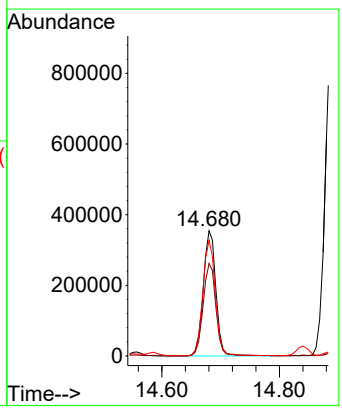


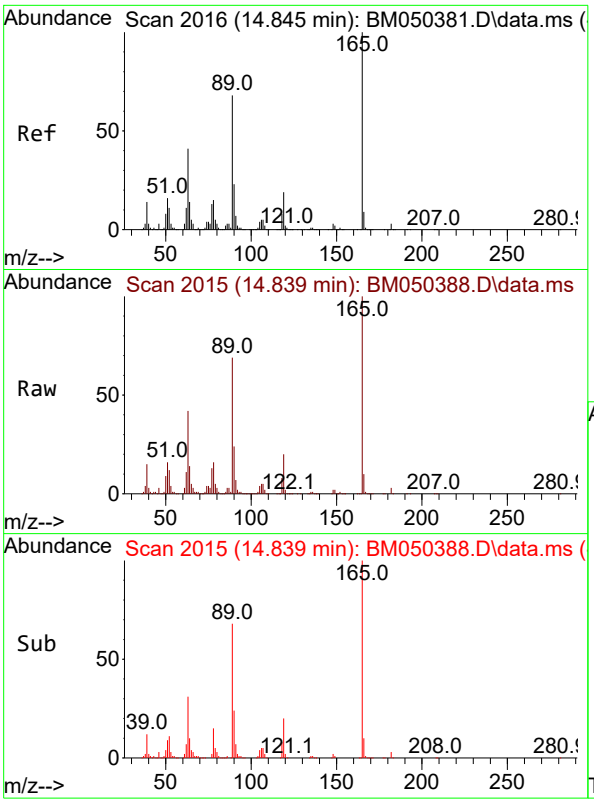


#56
4-Nitrophenol
Concen: 40.394 ng
RT: 14.680 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:139 Resp: 526425

Ion	Ratio	Lower	Upper
139	100		
109	73.9	56.5	96.5
65	92.4	76.4	116.4



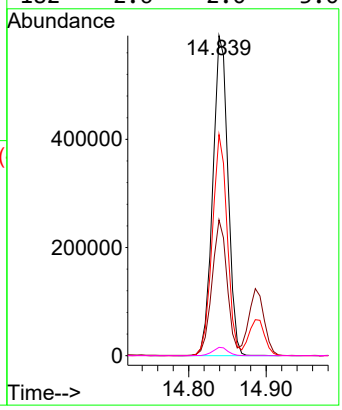


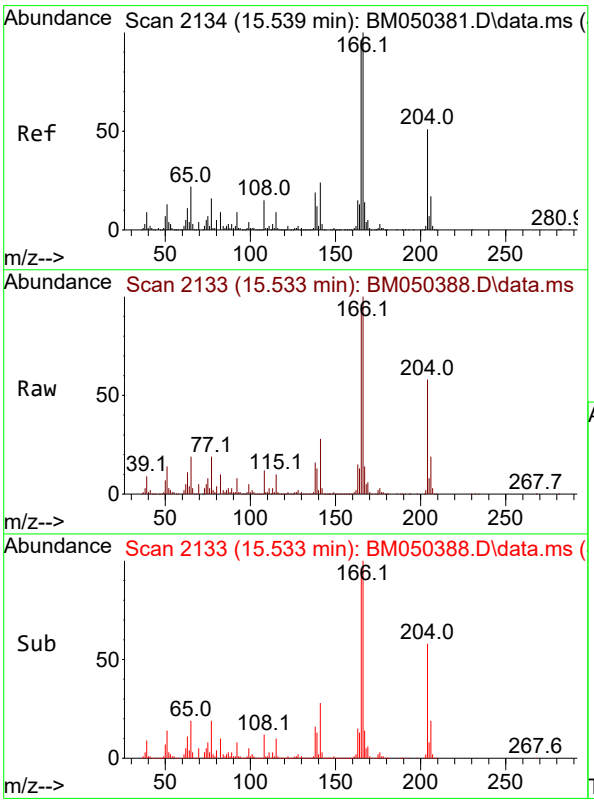
#57
2,4-Dinitrotoluene
Concen: 38.303 ng
RT: 14.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 804634

Ion	Ratio	Lower	Upper
165	100		
63	42.4	32.5	48.7
89	69.1	54.0	81.0
182	2.6	2.0	3.0

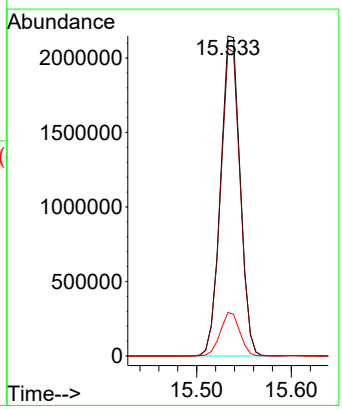


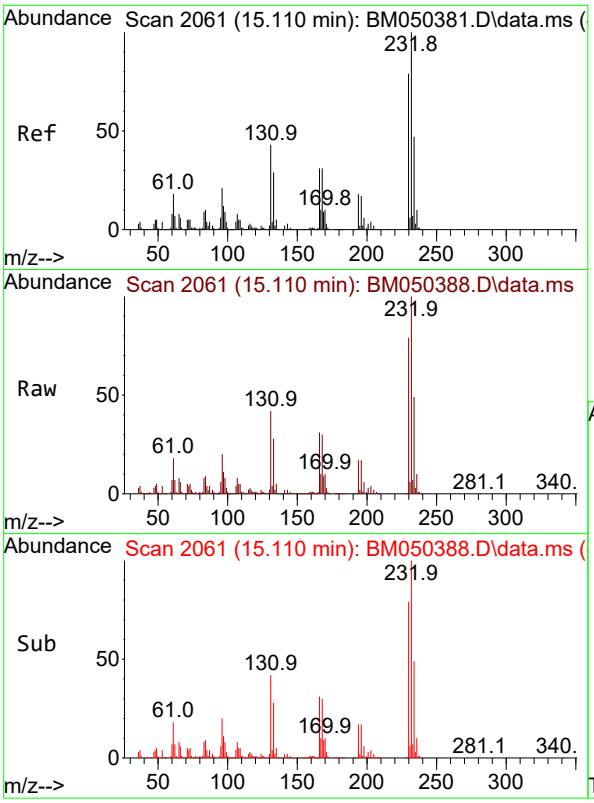


#58
Fluorene
Concen: 39.604 ng
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:166 Resp: 3079505

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.0	115.6
167	13.6	10.9	16.3



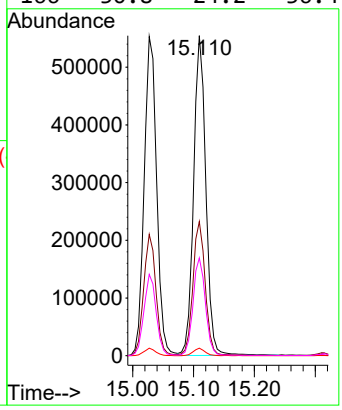


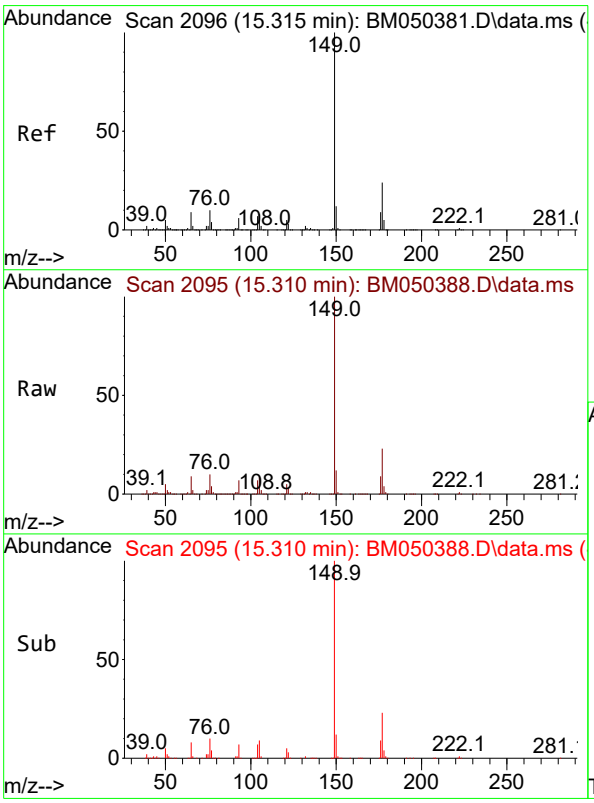
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.791 ng
RT: 15.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 771927

Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.4	50.0
130	2.2	1.8	2.6
166	30.8	24.2	36.4

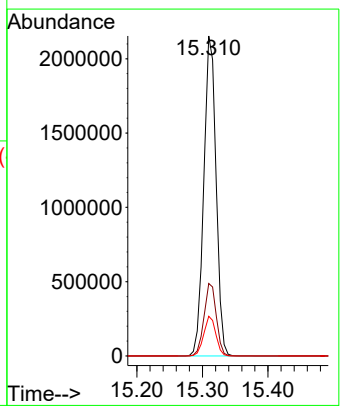


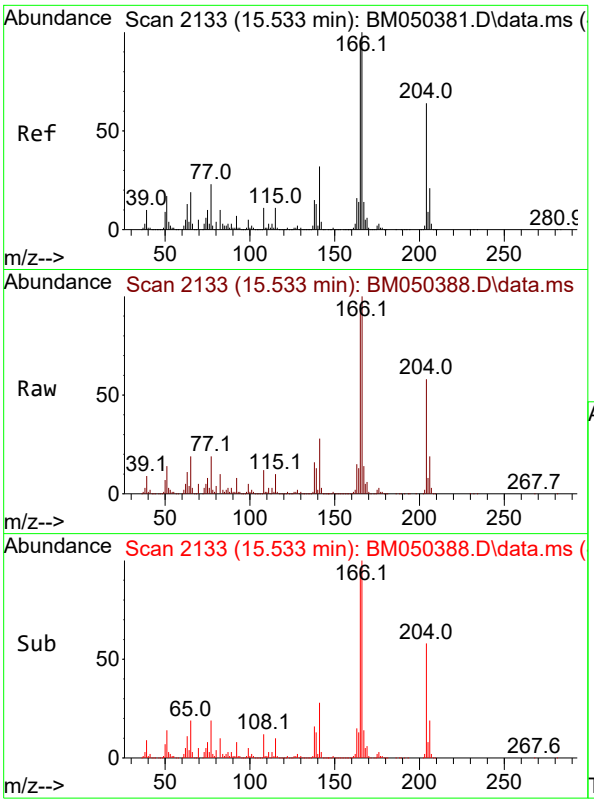


#60
Diethylphthalate
Concen: 39.637 ng
RT: 15.310 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 2810029

Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.8	28.2
150	12.4	9.8	14.8



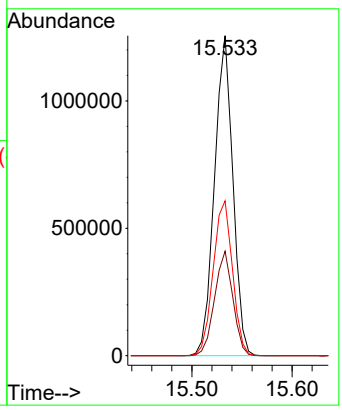


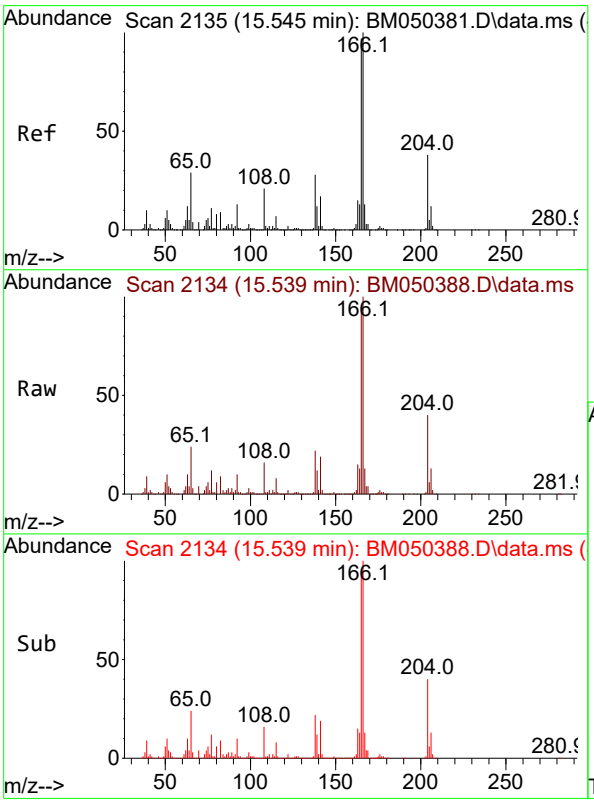
#61
4-Chlorophenyl-phenylether
Concen: 39.354 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1600094

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	48.4	39.9	59.9

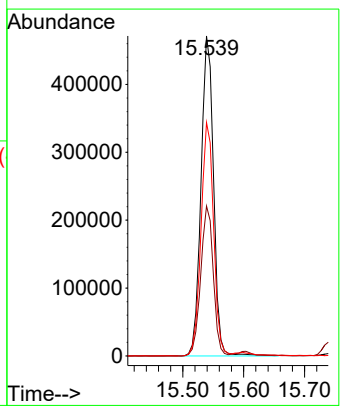


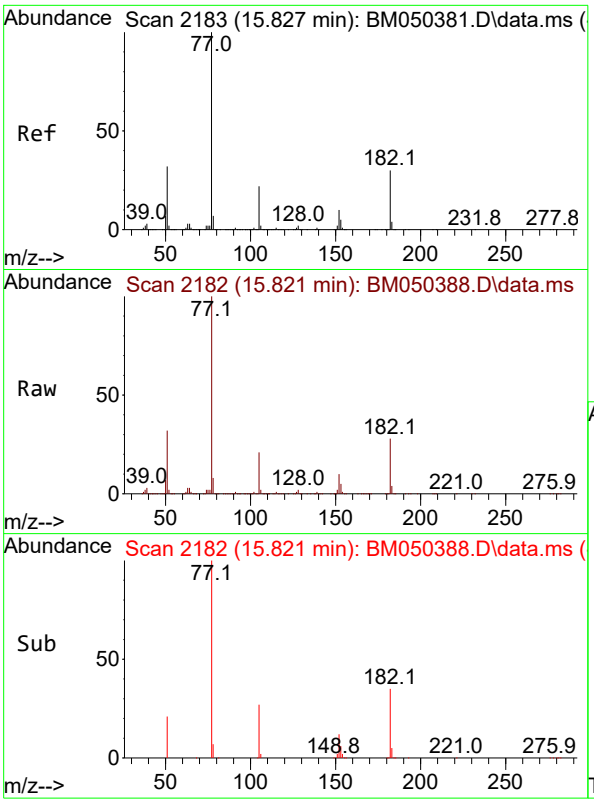


#62
4-Nitroaniline
Concen: 39.162 ng
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:138 Resp: 673524

Ion	Ratio	Lower	Upper
138	100		
92	46.8	24.5	64.5
108	73.0	52.5	92.5



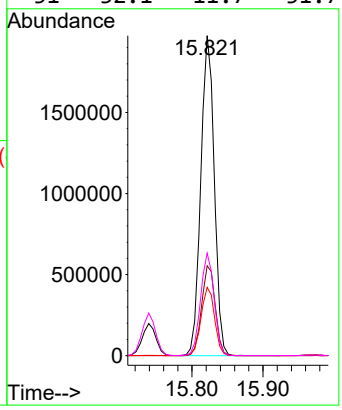


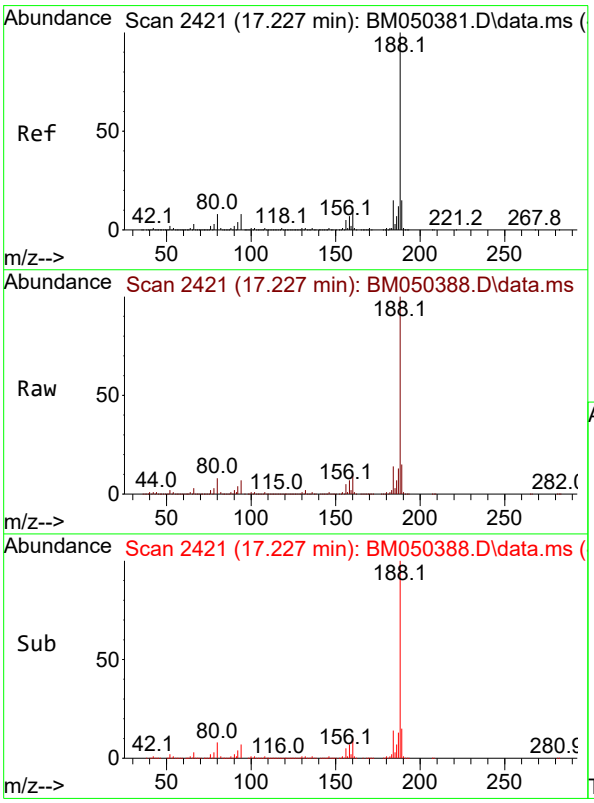
#63
Azobenzene
Concen: 40.064 ng
RT: 15.821 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 2608064

Ion	Ratio	Lower	Upper
77	100		
182	28.1	10.0	50.0
105	21.4	2.0	42.0
51	32.1	11.7	51.7

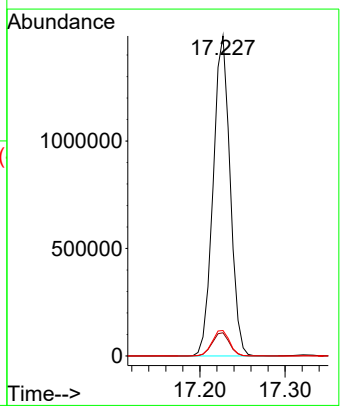


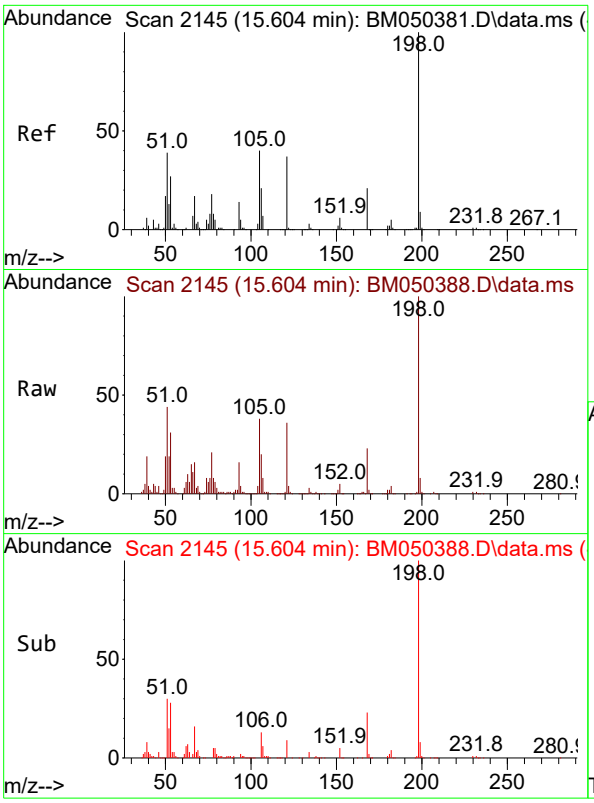


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:188 Resp: 2057474

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	8.0	6.5	9.7



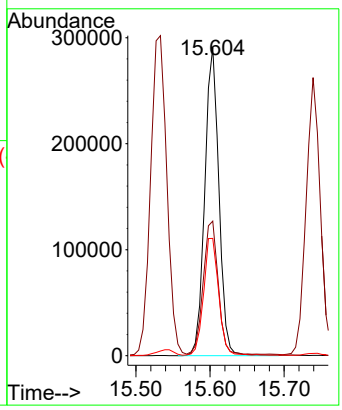


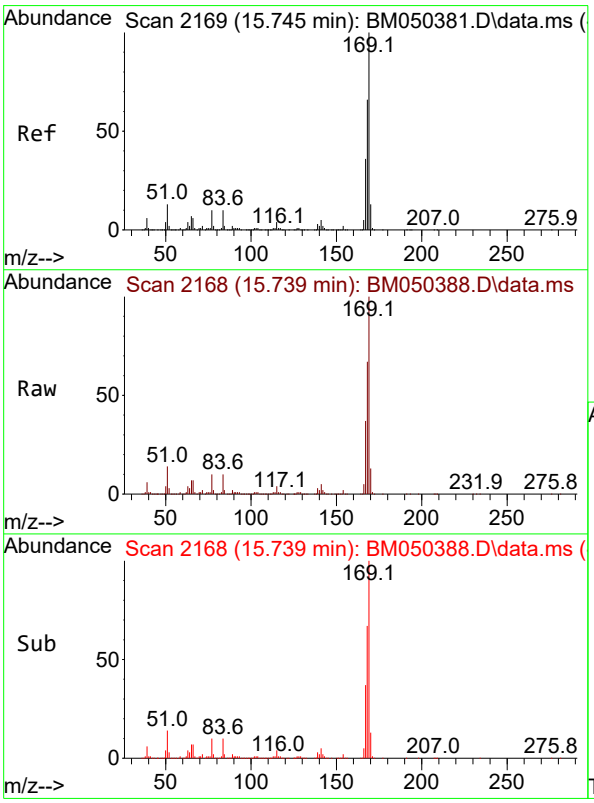
#65
4,6-Dinitro-2-methylphenol
Concen: 36.542 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 385118

Ion	Ratio	Lower	Upper
198	100		
51	43.7	26.6	66.6
105	38.1	20.9	60.9

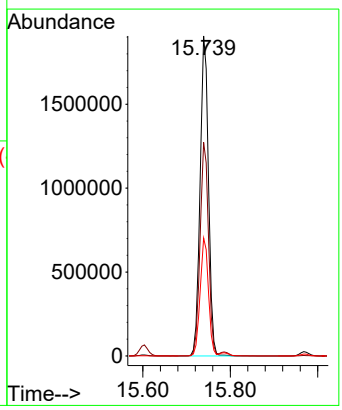


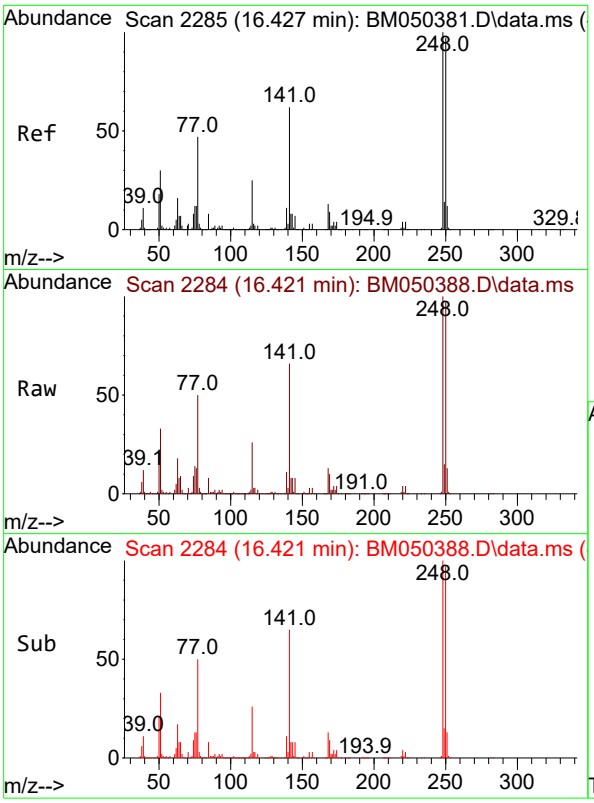


#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:169 Resp: 2541040

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.2	79.8
167	36.9	28.7	43.1



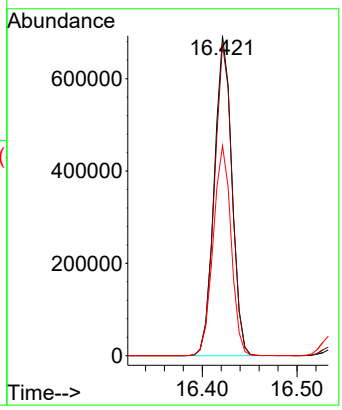


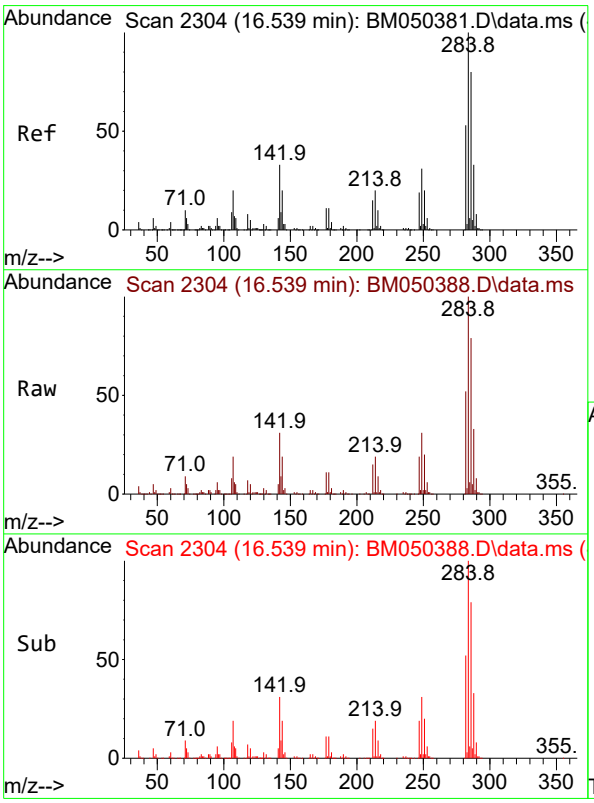
#67
4-Bromophenyl-phenylether
Concen: 39.453 ng
RT: 16.421 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 894343

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.9	116.9
141	65.6	49.7	74.5

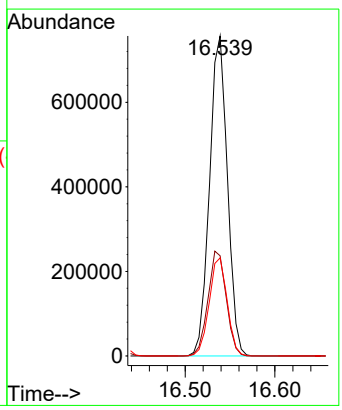


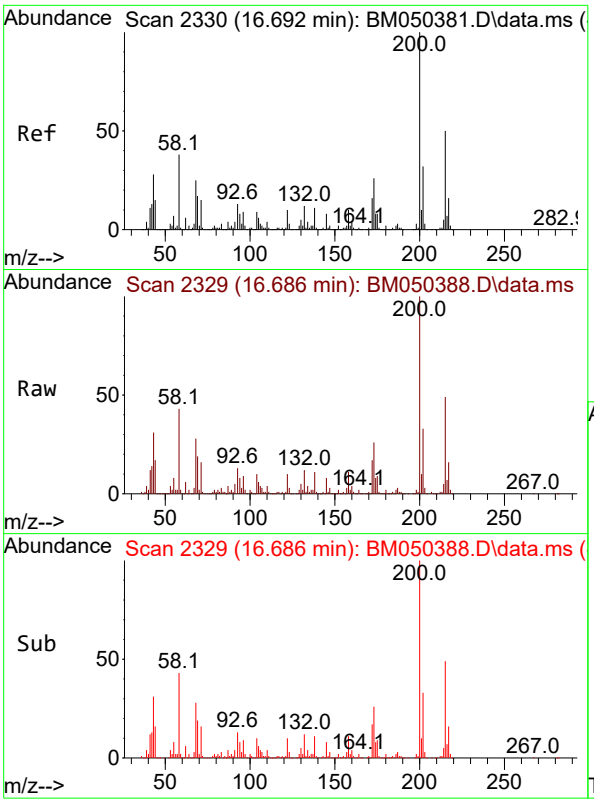


#68
Hexachlorobenzene
Concen: 39.106 ng
RT: 16.539 min Scan# 2304
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:284 Resp: 1046999

Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.8	40.2
249	30.6	24.5	36.7



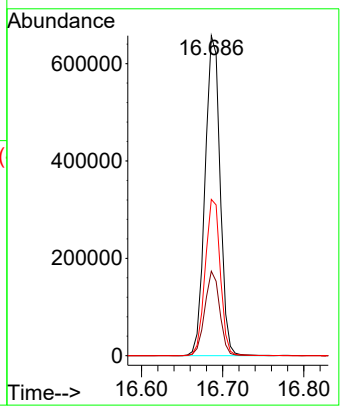


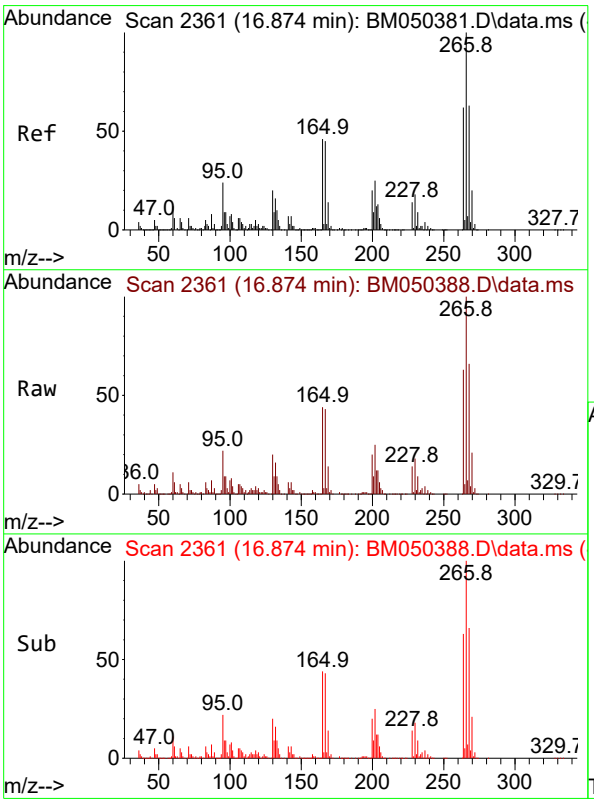
#69
Atrazine
Concen: 39.848 ng
RT: 16.686 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 842425

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.6	45.6
215	48.9	29.6	69.6

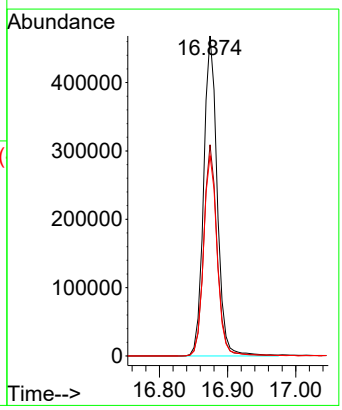


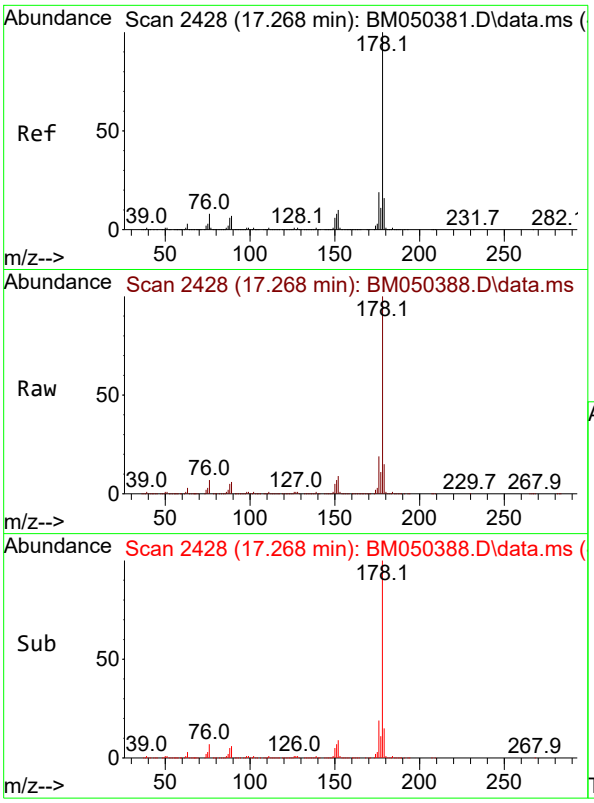


#70
Pentachlorophenol
Concen: 38.793 ng
RT: 16.874 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:266 Resp: 646550

Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.5	75.7
264	62.6	49.9	74.9



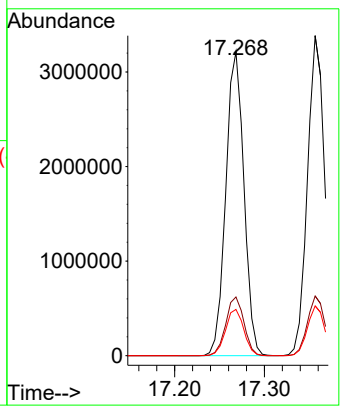


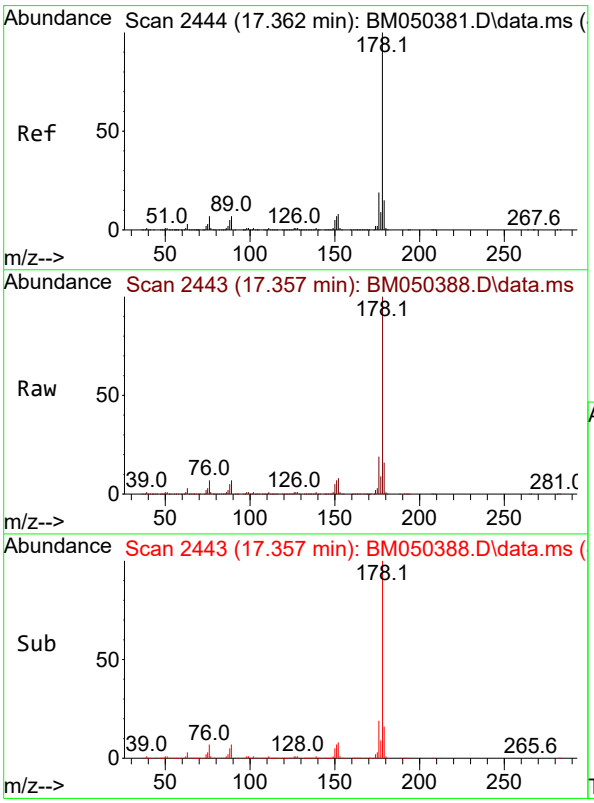
#71
Phenanthrene
Concen: 38.724 ng
RT: 17.268 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 4508419

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.2	12.5	18.7

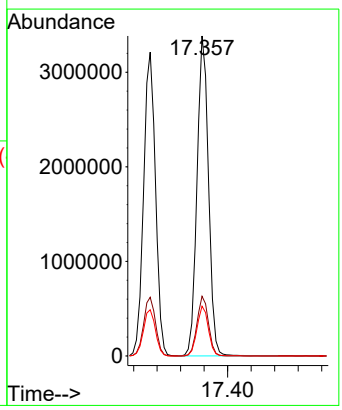


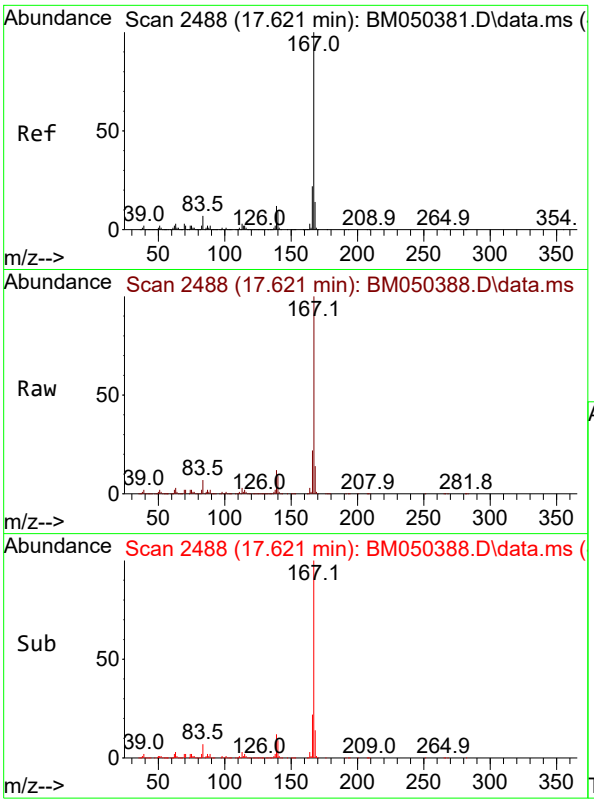


#72
Anthracene
Concen: 39.496 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:178 Resp: 4577103

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.2	18.4



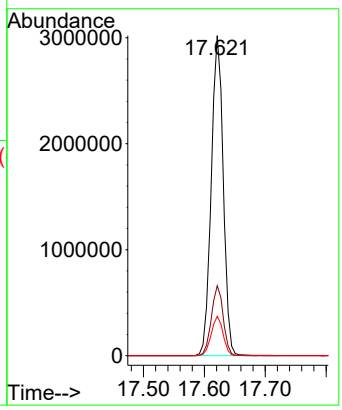


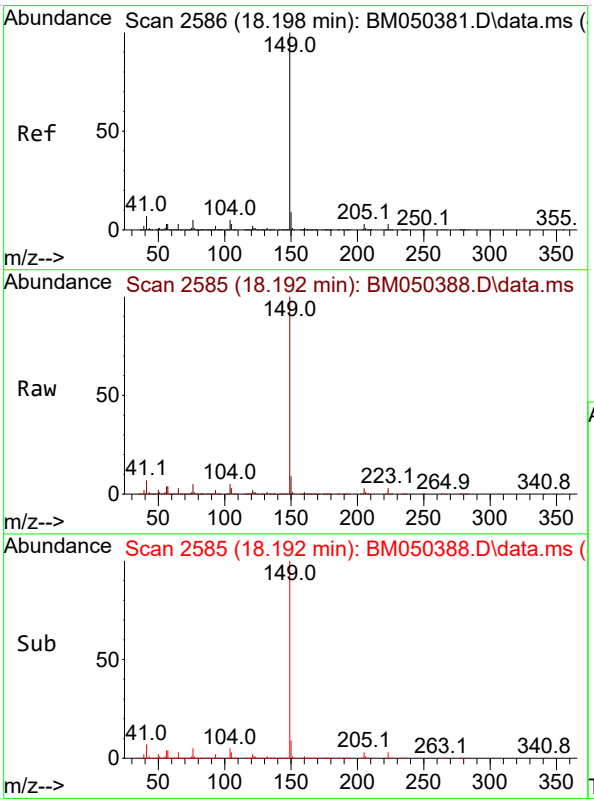
#73
Carbazole
Concen: 39.352 ng
RT: 17.621 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 4126339

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.3	9.9	14.9

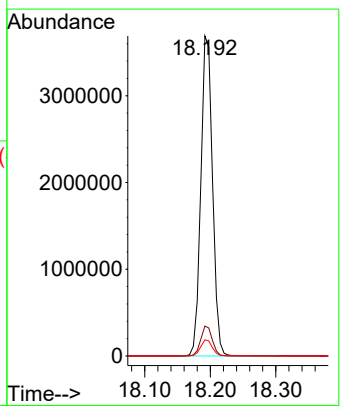


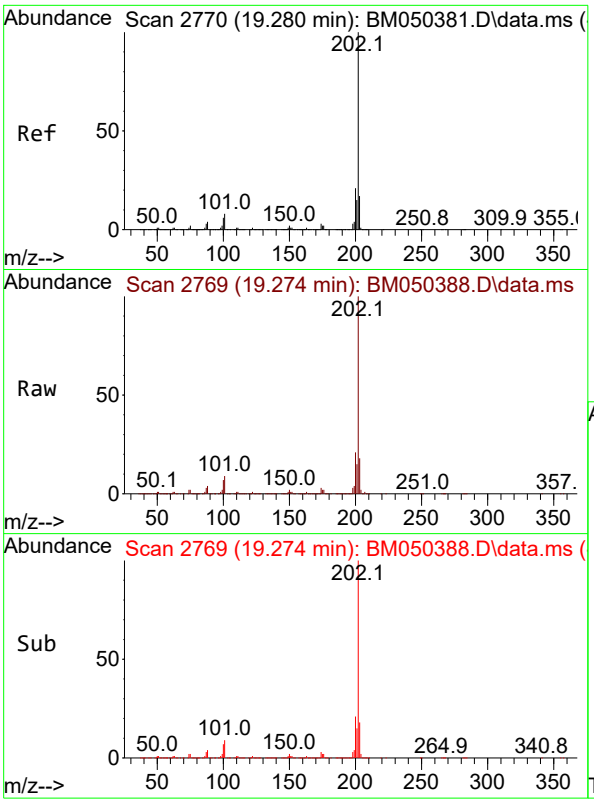


#74
Di-n-butylphthalate
Concen: 39.969 ng
RT: 18.192 min Scan# 2585
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 4587331

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.0	3.9	5.9



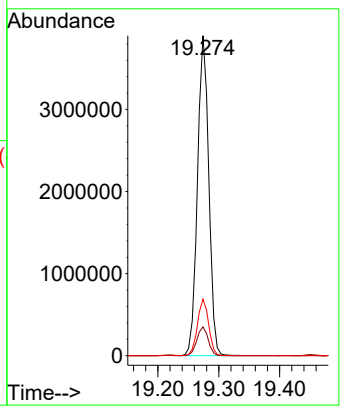


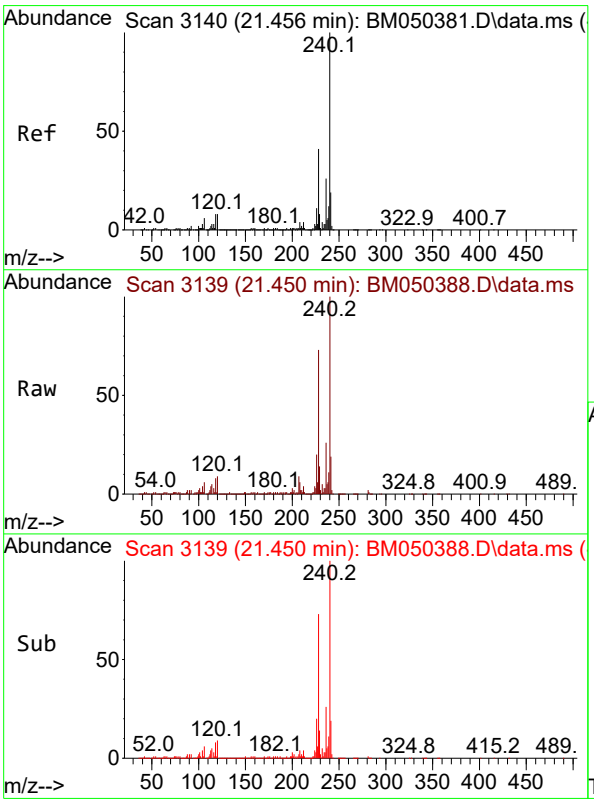
#75
Fluoranthene
Concen: 39.575 ng
RT: 19.274 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 5008839

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.3
203	17.7	0.0	37.2

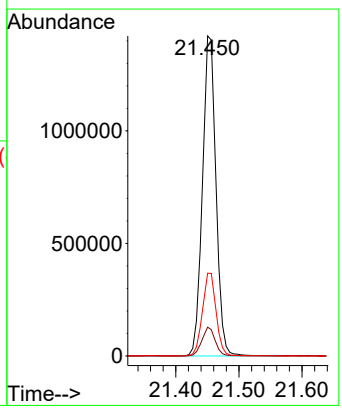


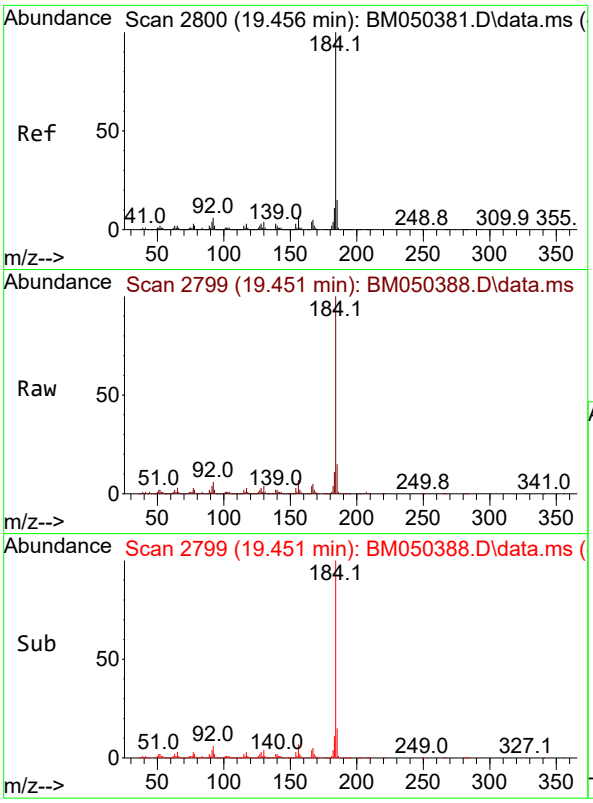


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:240 Resp: 2112610

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.7	10.1
236	25.8	20.7	31.1



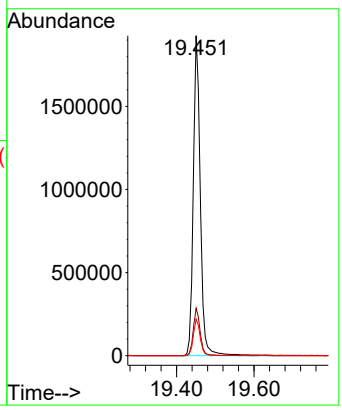


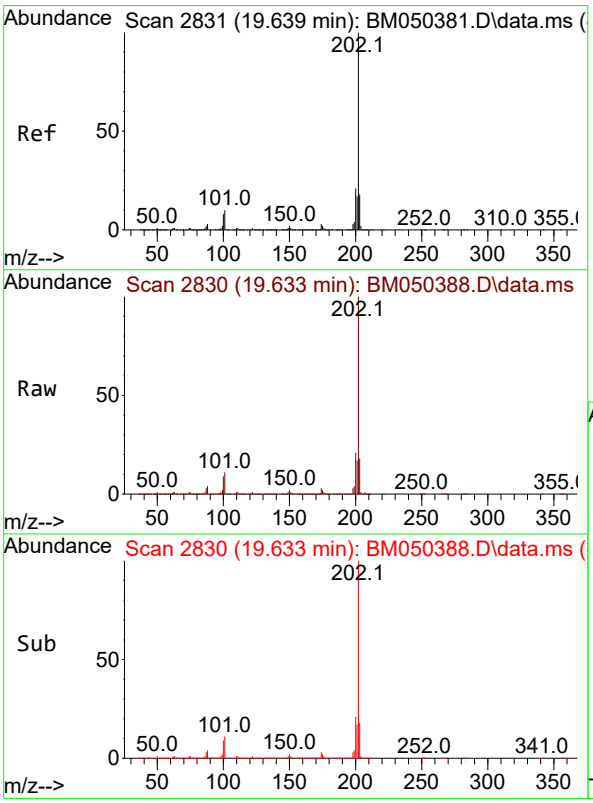
#77
Benzidine
Concen: 45.105 ng
RT: 19.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 2430477

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	11.5	9.0	13.6

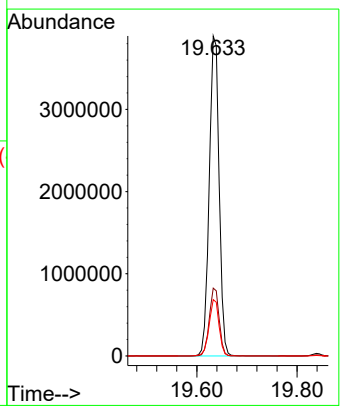


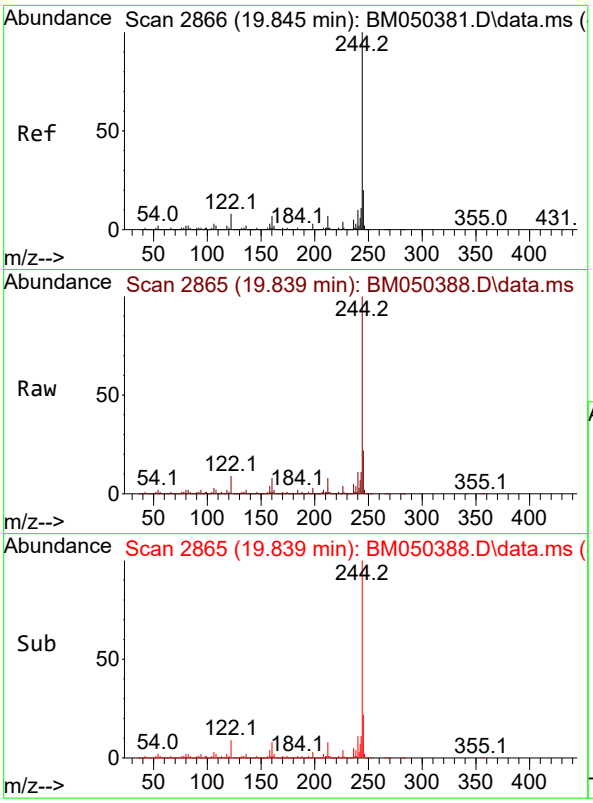


#78
Pyrene
Concen: 39.401 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:202 Resp: 5331086

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.6	14.1	21.1



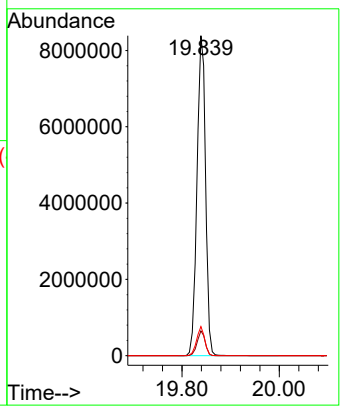


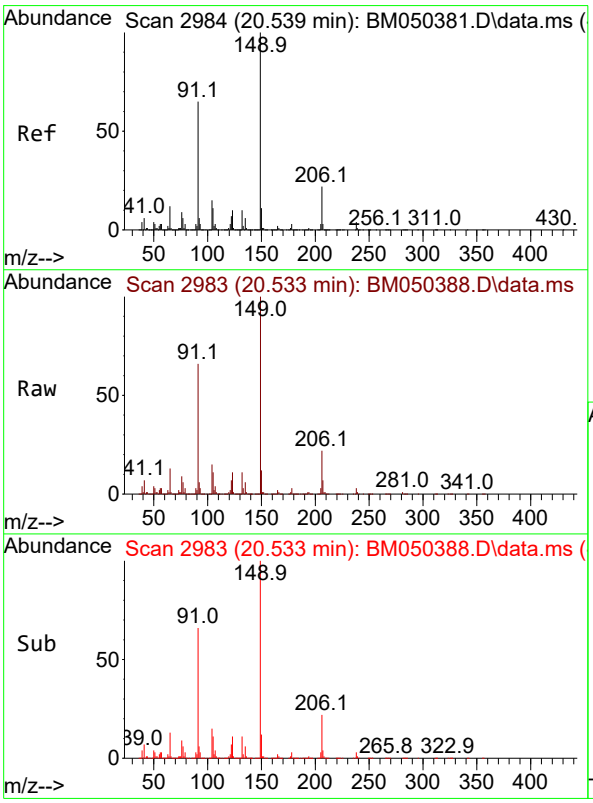
#79
Terphenyl-d14
Concen: 85.871 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10310723

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	9.1	6.2	9.2

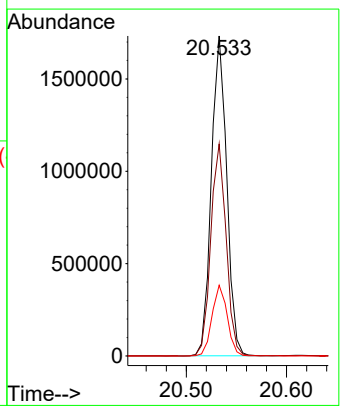


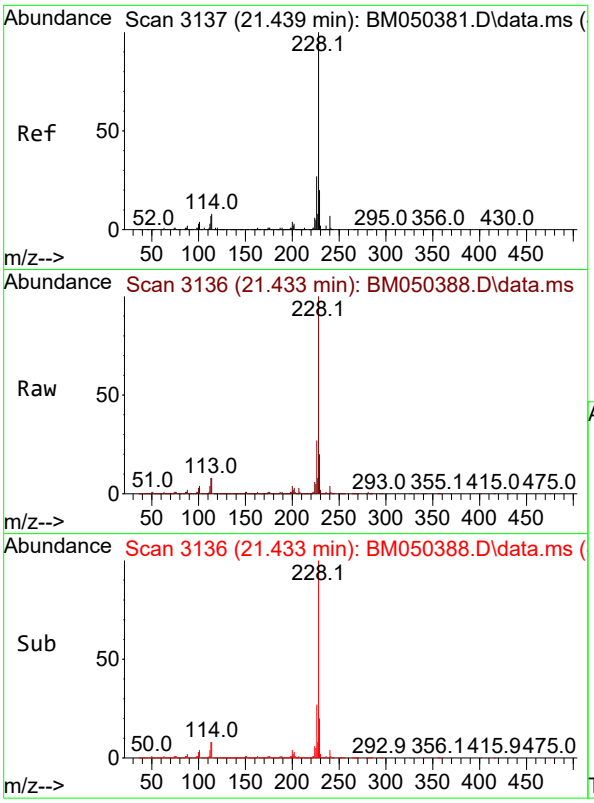


#80
Butylbenzylphthalate
Concen: 41.359 ng
RT: 20.533 min Scan# 2983
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 1845186

Ion	Ratio	Lower	Upper
149	100		
91	66.3	51.6	77.4
206	22.1	17.8	26.8



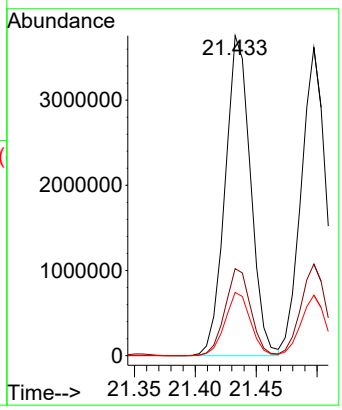


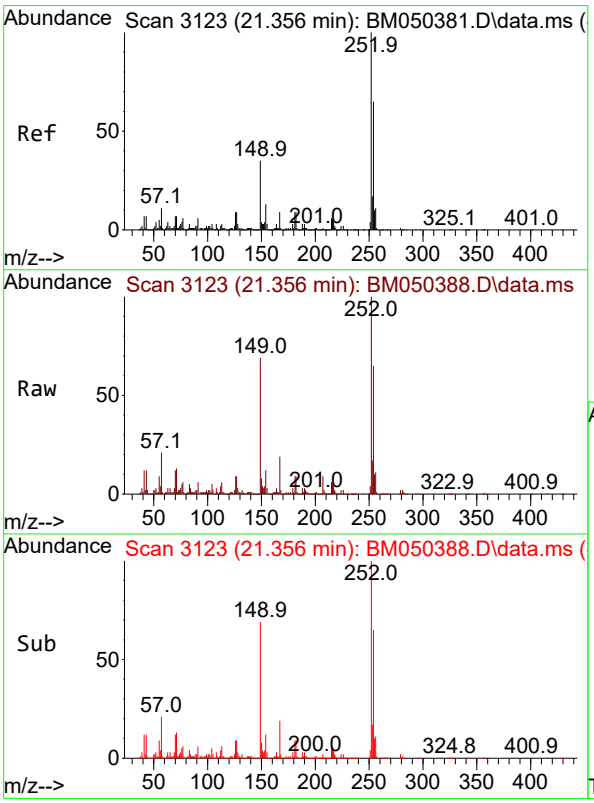
#81
Benzo(a)anthracene
Concen: 39.664 ng
RT: 21.433 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5459861

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.8	16.0	24.0

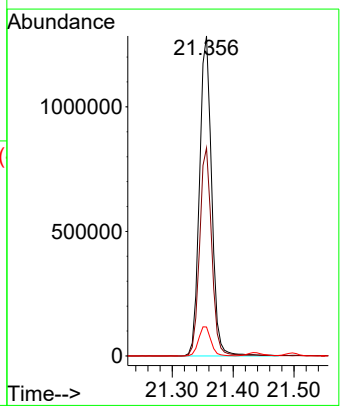


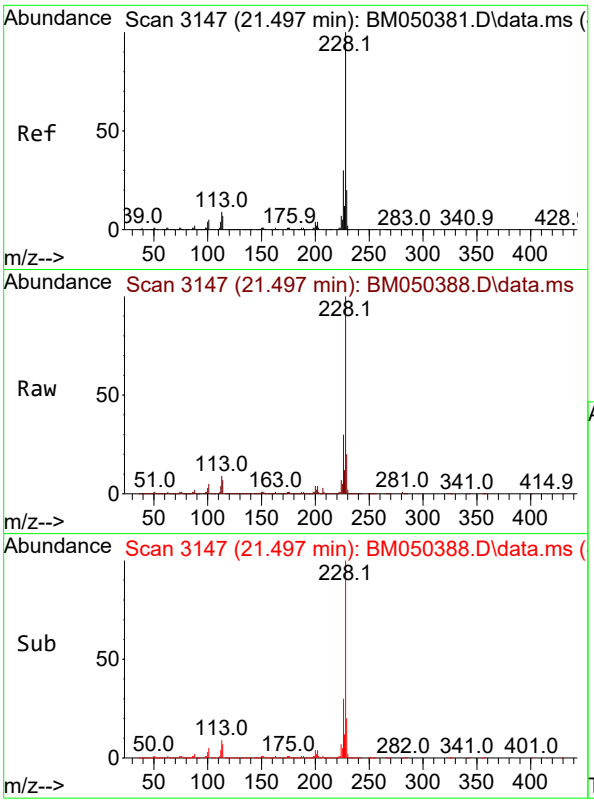


#82
3,3'-Dichlorobenzidine
Concen: 38.415 ng
RT: 21.356 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 1783244

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.7	77.5
126	9.0	7.3	10.9



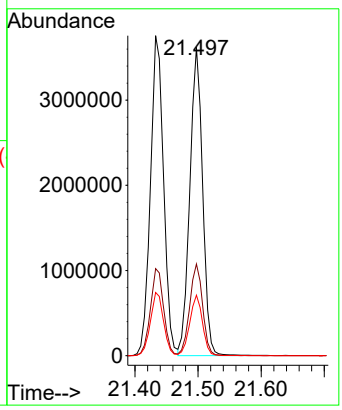


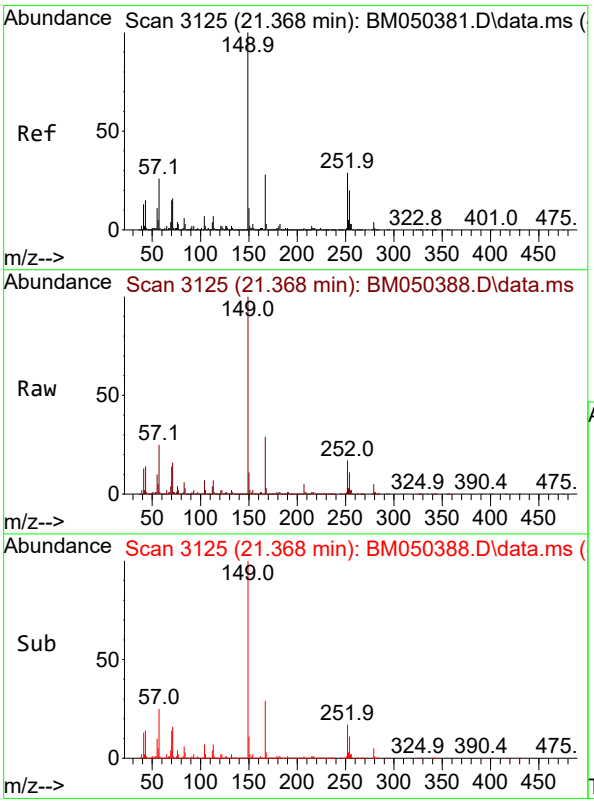
#83
Chrysene
Concen: 39.245 ng
RT: 21.497 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 5095338

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	19.6	15.8	23.6

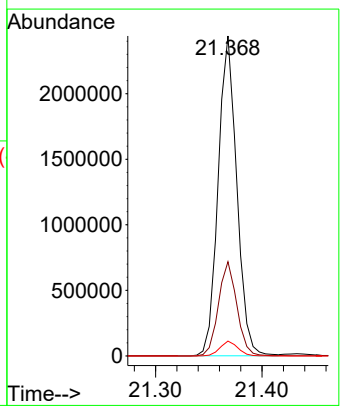


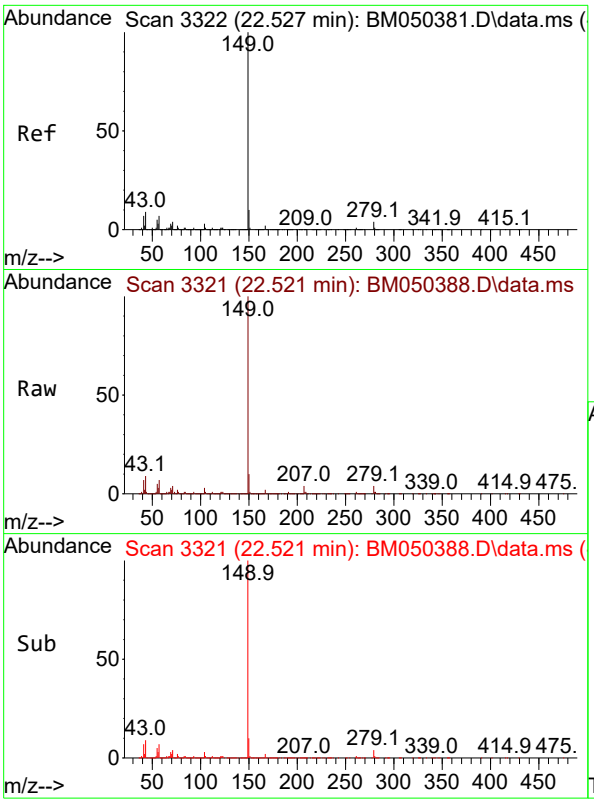


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.765 ng
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:149 Resp: 2957902

Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.7	34.1
279	4.6	3.5	5.3



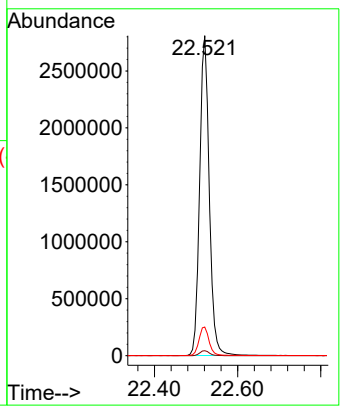


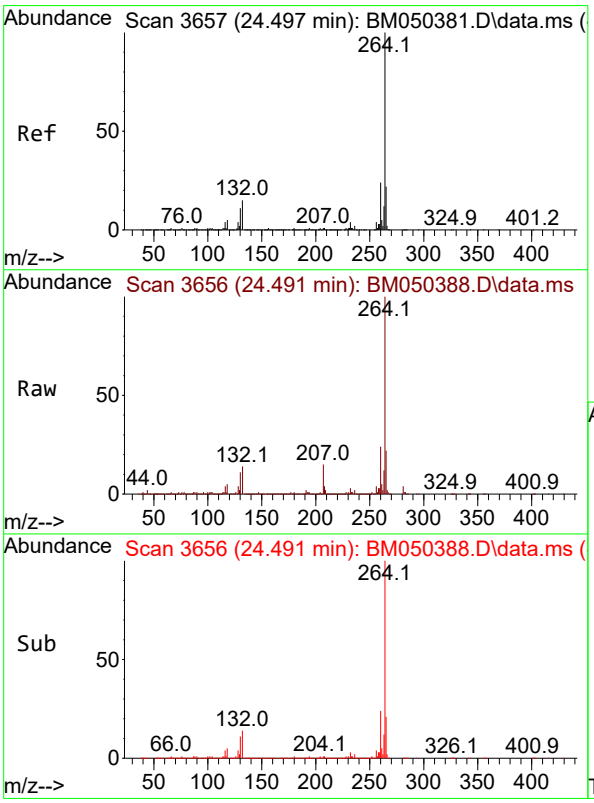
#85
Di-n-octyl phthalate
Concen: 40.722 ng
RT: 22.521 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 4516993

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.7	11.5

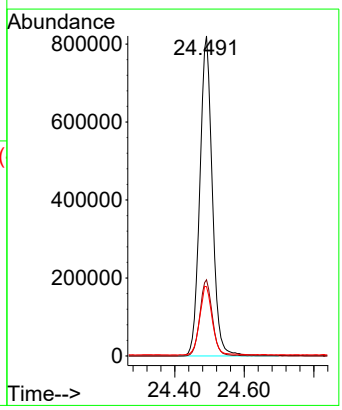


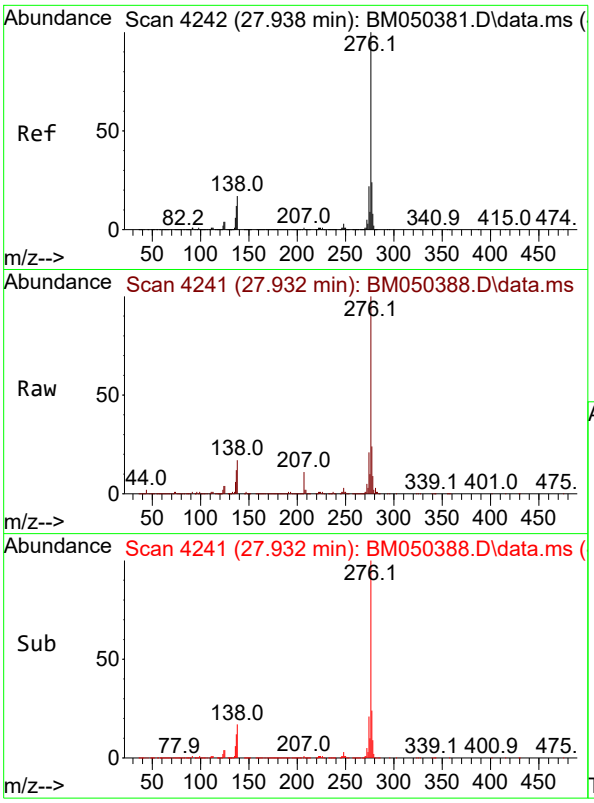


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.491 min Scan# 3656
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:264 Resp: 2045327

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.8	26.6



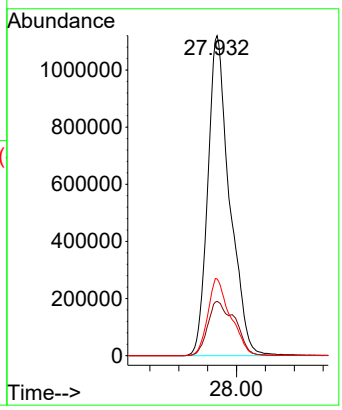


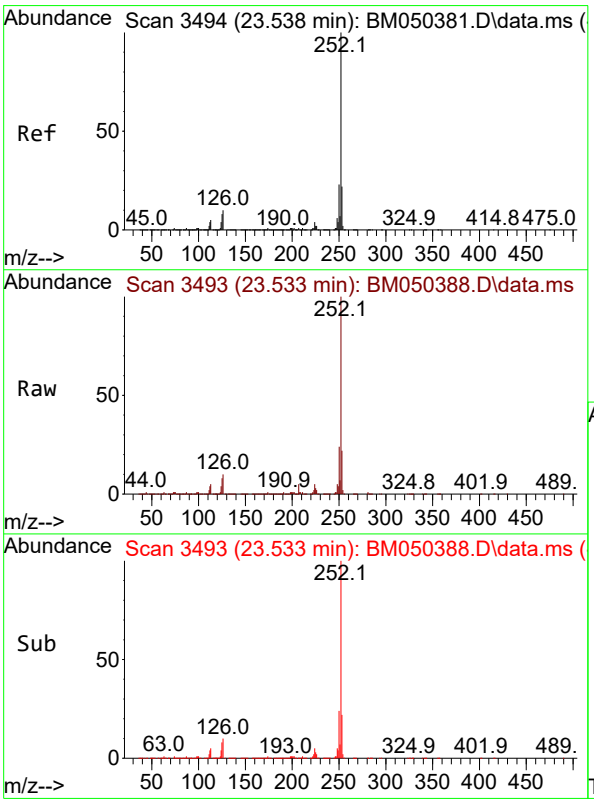
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.395 ng
RT: 27.932 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 5874332

Ion	Ratio	Lower	Upper
276	100		
138	21.2	17.0	25.6
277	25.1	20.0	30.0

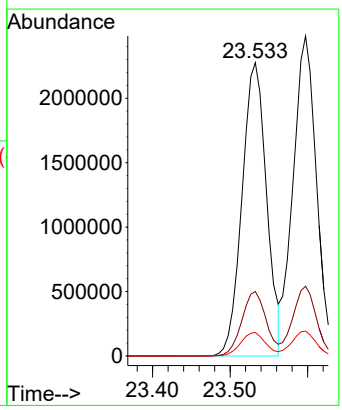


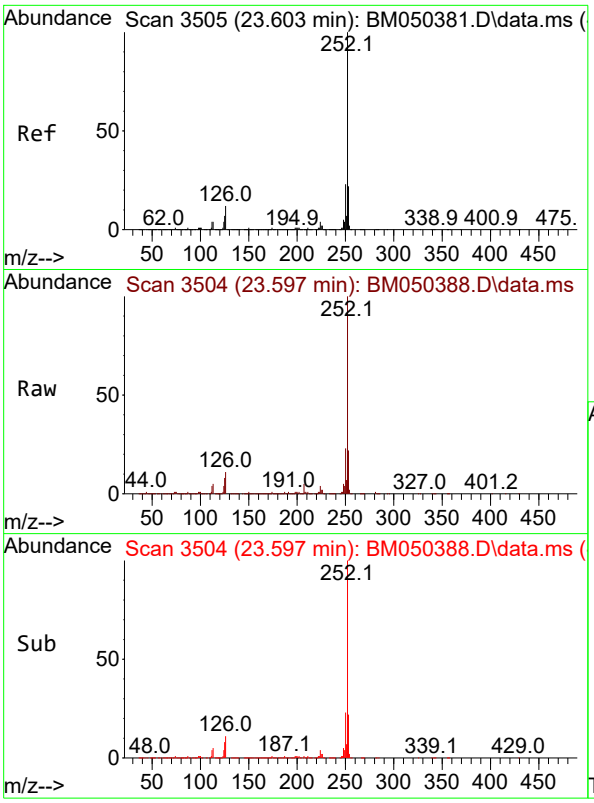


#88
Benzo(b)fluoranthene
Concen: 39.784 ng
RT: 23.533 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 5005196

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	8.0	6.3	9.5



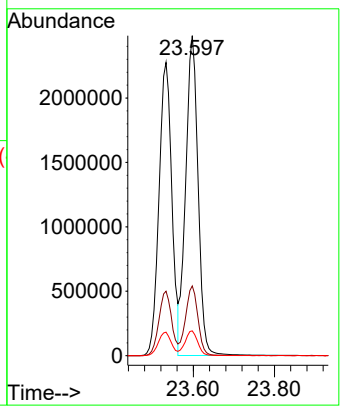


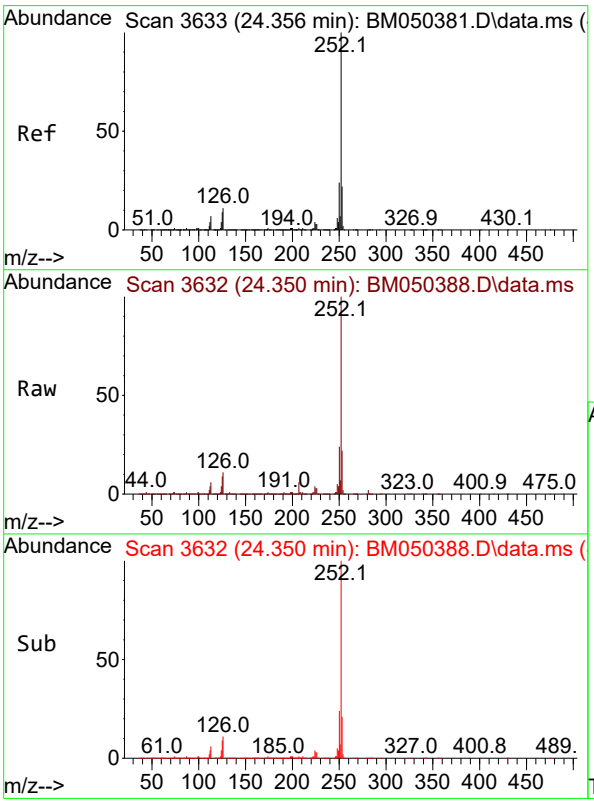
#89
Benzo(k)fluoranthene
Concen: 40.242 ng
RT: 23.597 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 5253318

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	7.8	6.2	9.2

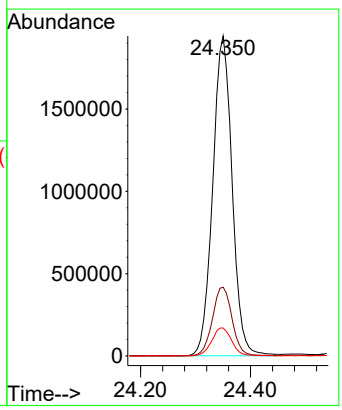


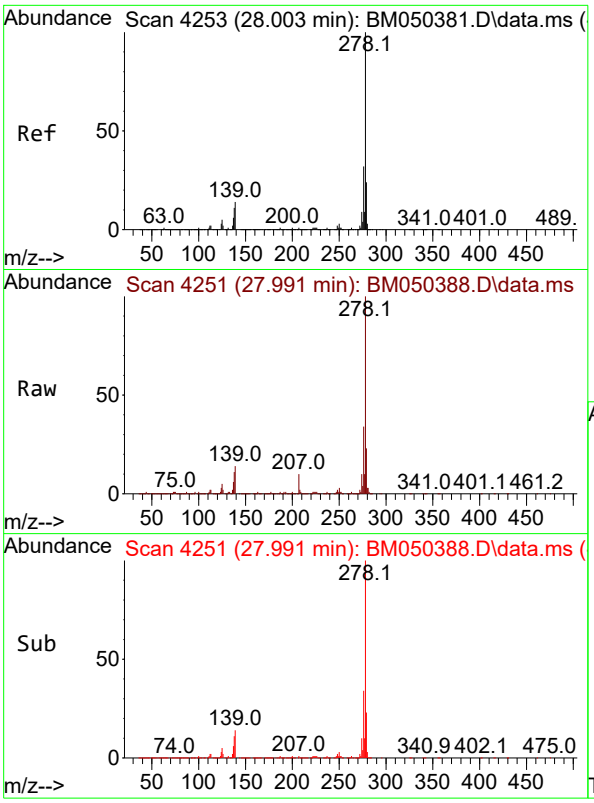


#90
Benzo(a)pyrene
Concen: 40.476 ng
RT: 24.350 min Scan# 3632
Delta R.T. -0.006 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:252 Resp: 4766800

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	8.7	7.0	10.4



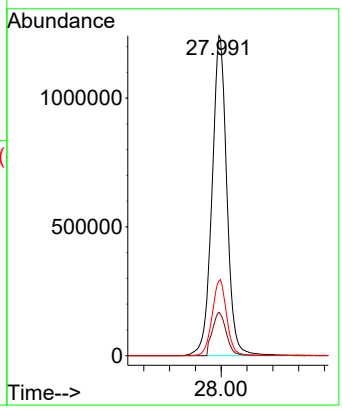


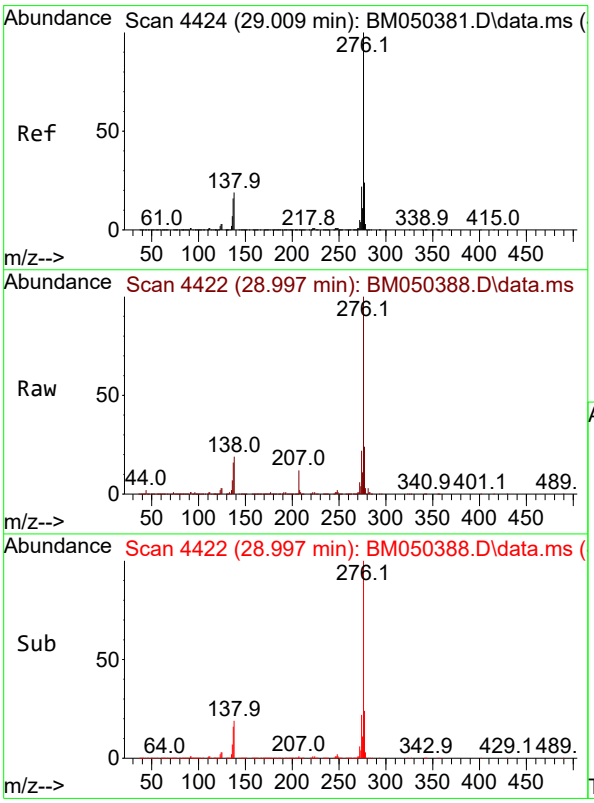
#91
Dibenzo(a,h)anthracene
Concen: 40.393 ng
RT: 27.991 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 4946864

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.8	16.2
279	23.4	19.4	29.0

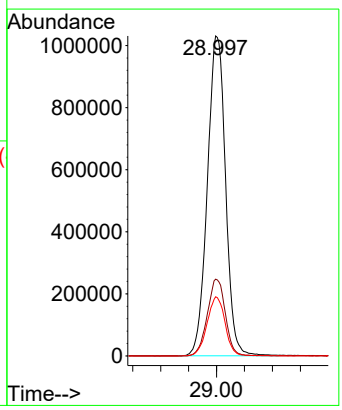




#92
Benzo(g,h,i)perylene
Concen: 40.284 ng
RT: 28.997 min Scan# 4422
Delta R.T. -0.012 min
Lab File: BM050388.D
Acq: 10 Jul 2025 13:53

Tgt Ion:276 Resp: 4662826

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.5	14.9	22.3



Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
2		1,4-Dioxane	0.478	0.451	5.6	112	0.00
3		Pyridine	1.254	1.195	4.7	111	0.00
4		n-Nitrosodimethylamine	0.585	0.570	2.6	114	0.00
5	S	2-Fluorophenol	1.162	1.137	2.2	113	0.00
6		Aniline	1.880	1.861	1.0	113	0.00
7	S	Phenol-d6	1.465	1.465	0.0	114	0.00
8		2-Chlorophenol	1.225	1.199	2.1	113	0.00
9		Benzaldehyde	0.871	0.886	-1.7	113	0.00
10	C	Phenol	1.528	1.499	1.9	114	0.00
11		bis(2-Chloroethyl)ether	1.223	1.182	3.4	113	0.00
12		1,3-Dichlorobenzene	1.490	1.432	3.9	113	0.00
13	C	1,4-Dichlorobenzene	1.521	1.461	3.9	114	0.00
14		1,2-Dichlorobenzene	1.456	1.404	3.6	114	0.00
15		Benzyl Alcohol	1.032	0.999	3.2	112	0.00
16		2,2'-oxybis(1-Chloropropane	1.802	1.740	3.4	114	0.00
17		2-Methylphenol	0.991	0.969	2.2	112	0.00
18		Hexachloroethane	0.535	0.517	3.4	114	0.00
19	P	n-Nitroso-di-n-propylamine	0.887	0.900	-1.5	113	0.00
20		3+4-Methylphenols	1.330	1.291	2.9	112	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.500	0.491	1.8	113	0.00
23	S	Nitrobenzene-d5	0.392	0.394	-0.5	113	0.00
24		Nitrobenzene	0.350	0.343	2.0	112	0.00
25		Isophorone	0.636	0.632	0.6	111	0.00
26	C	2-Nitrophenol	0.143	0.148	-3.5	114	0.00
27		2,4-Dimethylphenol	0.303	0.297	2.0	112	0.00
28		bis(2-Chloroethoxy)methane	0.422	0.412	2.4	111	0.00
29	C	2,4-Dichlorophenol	0.312	0.314	-0.6	113	0.00
30		1,2,4-Trichlorobenzene	0.373	0.362	2.9	113	0.00
31		Naphthalene	1.016	0.983	3.2	112	0.00
32		Benzoic acid	0.165	0.162	1.8	111	0.00
33		4-Chloroaniline	0.429	0.429	0.0	113	0.00
34	C	Hexachlorobutadiene	0.228	0.218	4.4	111	0.00
35		Caprolactam	0.085	0.085	0.0	110	0.00
36	C	4-Chloro-3-methylphenol	0.291	0.293	-0.7	112	0.00
37		2-Methylnaphthalene	0.641	0.636	0.8	113	0.00
38		1-Methylnaphthalene	0.679	0.672	1.0	113	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	111	0.00
40		1,2,4,5-Tetrachlorobenzene	0.636	0.622	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	0.407	0.380	6.6	107	0.00
42	S	2,4,6-Tribromophenol	0.243	0.249	-2.5	112	0.00
43	C	2,4,6-Trichlorophenol	0.391	0.393	-0.5	111	0.00
44		2,4,5-Trichlorophenol	0.428	0.426	0.5	110	0.00
45	S	2-Fluorobiphenyl	1.620	1.599	1.3	112	0.00
46		1,1'-Biphenyl	1.484	1.456	1.9	113	0.00
47		2-Chloronaphthalene	1.183	1.166	1.4	113	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.264	0.275	-4.2	110	0.00
49		Acenaphthylene	1.788	1.781	0.4	112	0.00
50		Dimethylphthalate	1.377	1.353	1.7	112	0.00
51		2,6-Dinitrotoluene	0.264	0.276	-4.5	113	0.00
52	C	Acenaphthene	1.137	1.124	1.1	113	0.00
53		3-Nitroaniline	0.281	0.295	-5.0	112	0.00
54	P	2,4-Dinitrophenol	0.121	0.118	2.5	113	0.00
55		Dibenzofuran	1.751	1.711	2.3	112	0.00
56	P	4-Nitrophenol	0.242	0.244	-0.8	111	0.00
57		2,4-Dinitrotoluene	0.350	0.373	-6.6	112	0.00
58		Fluorene	1.443	1.428	1.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.360	0.358	0.6	109	0.00
60		Diethylphthalate	1.315	1.303	0.9	111	0.00
61		4-Chlorophenyl-phenylether	0.754	0.742	1.6	111	0.00
62		4-Nitroaniline	0.288	0.312	-8.3	112	0.00
63		Azobenzene	1.208	1.210	-0.2	112	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	0.095	0.094	1.1	112	0.00
66	c	n-Nitrosodiphenylamine	0.626	0.618	1.3	111	0.00
67		4-Bromophenyl-phenylether	0.220	0.217	1.4	112	0.00
68		Hexachlorobenzene	0.260	0.254	2.3	111	0.00
69		Atrazine	0.206	0.205	0.5	109	0.00
70	C	Pentachlorophenol	0.162	0.157	3.1	110	0.00
71		Phenanthrene	1.132	1.096	3.2	112	0.00
72		Anthracene	1.127	1.112	1.3	112	0.00
73		Carbazole	1.019	1.003	1.6	111	0.00
74		Di-n-butylphthalate	1.116	1.115	0.1	110	0.00
75	C	Fluoranthene	1.230	1.217	1.1	111	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	111	0.00
77		Benzidine	0.510	0.575	-12.7	115	0.00
78		Pyrene	1.281	1.262	1.5	111	0.00
79	S	Terphenyl-d14	1.137	1.220	-7.3	108	0.00
80		Butylbenzylphthalate	0.422	0.437	-3.6	110	0.00
81		Benzo(a)anthracene	1.303	1.292	0.8	112	0.00
82		3,3'-Dichlorobenzidine	0.439	0.422	3.9	109	0.00
83		Chrysene	1.229	1.206	1.9	111	0.00
84		Bis(2-ethylhexyl)phthalate	0.670	0.700	-4.5	110	0.00
85	c	Di-n-octyl phthalate	1.050	1.069	-1.8	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	1.422	1.436	-1.0	113	0.00
88		Benzo(b)fluoranthene	1.230	1.224	0.5	110	0.00
89		Benzo(k)fluoranthene	1.276	1.284	-0.6	113	0.00
90	C	Benzo(a)pyrene	1.152	1.165	-1.1	112	0.00
91		Dibenzo(a,h)anthracene	1.198	1.209	-0.9	113	-0.01
92		Benzo(g,h,i)perylene	1.132	1.140	-0.7	113	-0.01

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	115	0.00
2		1,4-Dioxane	40.000	37.789	5.5	112	0.00
3		Pyridine	40.000	38.105	4.7	111	0.00
4		n-Nitrosodimethylamine	40.000	38.975	2.6	114	0.00
5	S	2-Fluorophenol	80.000	78.297	2.1	113	0.00
6		Aniline	40.000	39.604	1.0	113	0.00
7	S	Phenol-d6	80.000	79.995	0.0	114	0.00
8		2-Chlorophenol	40.000	39.160	2.1	113	0.00
9		Benzaldehyde	40.000	40.670	-1.7	113	0.00
10	C	Phenol	40.000	39.244	1.9	114	0.00
11		bis(2-Chloroethyl)ether	40.000	38.647	3.4	113	0.00
12		1,3-Dichlorobenzene	40.000	38.448	3.9	113	0.00
13	C	1,4-Dichlorobenzene	40.000	38.410	4.0	114	0.00
14		1,2-Dichlorobenzene	40.000	38.554	3.6	114	0.00
15		Benzyl Alcohol	40.000	38.705	3.2	112	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.628	3.4	114	0.00
17		2-Methylphenol	40.000	39.119	2.2	112	0.00
18		Hexachloroethane	40.000	38.629	3.4	114	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.582	-1.5	113	0.00
20		3+4-Methylphenols	40.000	38.828	2.9	112	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	39.254	1.9	113	0.00
23	S	Nitrobenzene-d5	80.000	80.309	-0.4	113	0.00
24		Nitrobenzene	40.000	39.209	2.0	112	0.00
25		Isophorone	40.000	39.731	0.7	111	0.00
26	C	2-Nitrophenol	40.000	41.573	-3.9	114	0.00
27		2,4-Dimethylphenol	40.000	39.120	2.2	112	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.134	2.2	111	0.00
29	C	2,4-Dichlorophenol	40.000	40.255	-0.6	113	0.00
30		1,2,4-Trichlorobenzene	40.000	38.868	2.8	113	0.00
31		Naphthalene	40.000	38.687	3.3	112	0.00
32		Benzoic acid	40.000	36.416	9.0	111	0.00
33		4-Chloroaniline	40.000	39.935	0.2	113	0.00
34	C	Hexachlorobutadiene	40.000	38.287	4.3	111	0.00
35		Caprolactam	40.000	39.842	0.4	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.292	-0.7	112	0.00
37		2-Methylnaphthalene	40.000	39.639	0.9	113	0.00
38		1-Methylnaphthalene	40.000	39.627	0.9	113	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	111	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.148	2.1	112	0.00
41	P	Hexachlorocyclopentadiene	40.000	37.405	6.5	107	0.00
42	S	2,4,6-Tribromophenol	80.000	81.829	-2.3	112	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.113	-0.3	111	0.00
44		2,4,5-Trichlorophenol	40.000	39.828	0.4	110	0.00
45	S	2-Fluorobiphenyl	80.000	78.998	1.3	112	0.00
46		1,1'-Biphenyl	40.000	39.237	1.9	113	0.00
47		2-Chloronaphthalene	40.000	39.409	1.5	113	0.00

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.634	-4.1	110	0.00
49		Acenaphthylene	40.000	39.840	0.4	112	0.00
50		Dimethylphthalate	40.000	39.292	1.8	112	0.00
51		2,6-Dinitrotoluene	40.000	41.749	-4.4	113	0.00
52	C	Acenaphthene	40.000	39.538	1.2	113	0.00
53		3-Nitroaniline	40.000	41.996	-5.0	112	0.00
54	P	2,4-Dinitrophenol	40.000	36.238	9.4	113	0.00
55		Dibenzofuran	40.000	39.075	2.3	112	0.00
56	P	4-Nitrophenol	40.000	40.394	-1.0	111	0.00
57		2,4-Dinitrotoluene	40.000	38.303	4.2	112	0.00
58		Fluorene	40.000	39.604	1.0	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.791	0.5	109	0.00
60		Diethylphthalate	40.000	39.637	0.9	111	0.00
61		4-Chlorophenyl-phenylether	40.000	39.354	1.6	111	0.00
62		4-Nitroaniline	40.000	39.162	2.1	112	0.00
63		Azobenzene	40.000	40.064	-0.2	112	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	112	0.00
65		4,6-Dinitro-2-methylphenol	40.000	36.542	8.6	112	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.468	1.3	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.453	1.4	112	0.00
68		Hexachlorobenzene	40.000	39.106	2.2	111	0.00
69		Atrazine	40.000	39.848	0.4	109	0.00
70	C	Pentachlorophenol	40.000	38.793	3.0	110	0.00
71		Phenanthrene	40.000	38.724	3.2	112	0.00
72		Anthracene	40.000	39.496	1.3	112	0.00
73		Carbazole	40.000	39.352	1.6	111	0.00
74		Di-n-butylphthalate	40.000	39.969	0.1	110	0.00
75	C	Fluoranthene	40.000	39.575	1.1	111	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	111	0.00
77		Benzidine	40.000	45.105	-12.8	115	0.00
78		Pyrene	40.000	39.401	1.5	111	0.00
79	S	Terphenyl-d14	80.000	85.871	-7.3	108	0.00
80		Butylbenzylphthalate	40.000	41.359	-3.4	110	0.00
81		Benzo(a)anthracene	40.000	39.664	0.8	112	0.00
82		3,3'-Dichlorobenzidine	40.000	38.415	4.0	109	0.00
83		Chrysene	40.000	39.245	1.9	111	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	41.765	-4.4	110	0.00
85	c	Di-n-octyl phthalate	40.000	40.722	-1.8	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	111	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.395	-1.0	113	0.00
88		Benzo(b)fluoranthene	40.000	39.784	0.5	110	0.00
89		Benzo(k)fluoranthene	40.000	40.242	-0.6	113	0.00
90	C	Benzo(a)pyrene	40.000	40.476	-1.2	112	0.00
91		Dibenzo(a,h)anthracene	40.000	40.393	-1.0	113	-0.01
92		Benzo(g,h,i)perylene	40.000	40.284	-0.7	113	-0.01

Sample Results: **BM050388.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050388.D
Acq On : 10 Jul 2025 13:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Jul 10 14:39:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025082.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

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: CAMP02

Lab Code: ACE SDG No.: Q2529

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

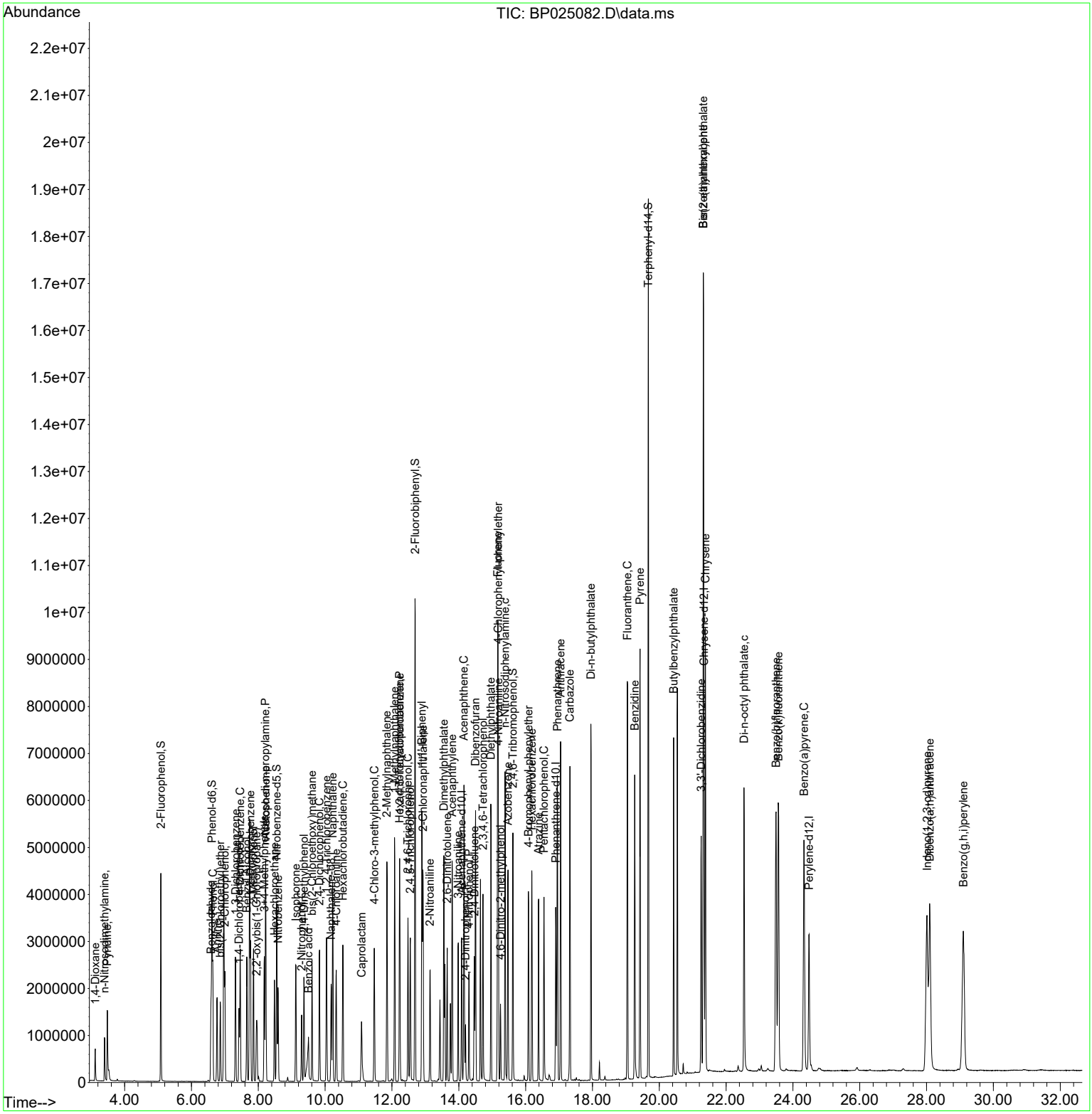
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.548	196	889365	41.739	ng	99
46) 1,1'-Biphenyl	12.895	154	3117980	39.664	ng	99
47) 2-Chloronaphthalene	12.931	162	2375701	40.209	ng	99
48) 2-Nitroaniline	13.137	65	561527	39.328	ng	96
49) Acenaphthylene	13.801	152	3636361	40.212	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

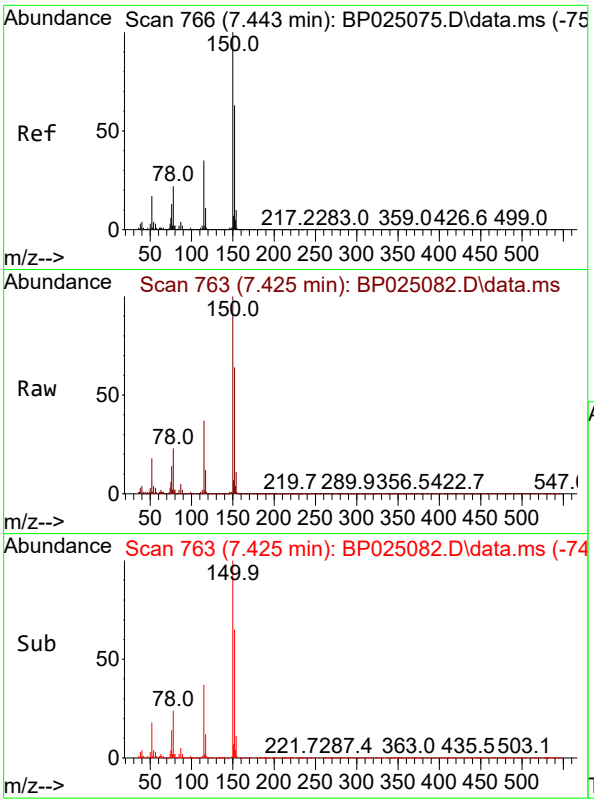
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



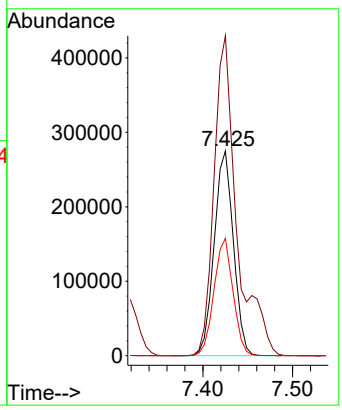


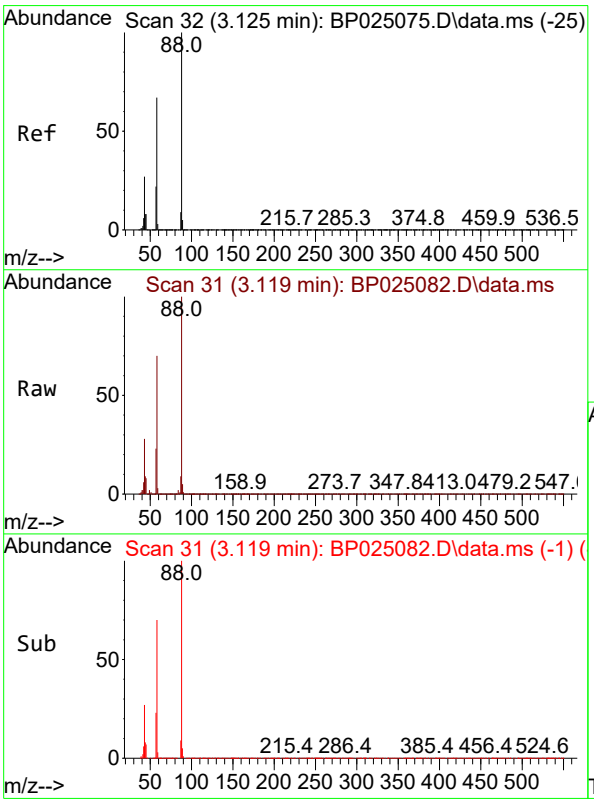
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.425 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

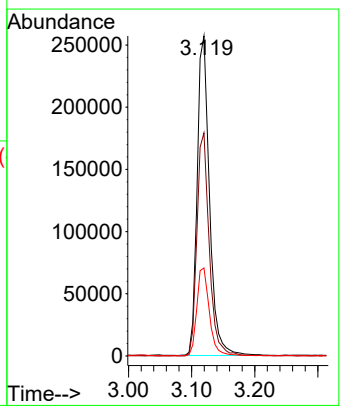


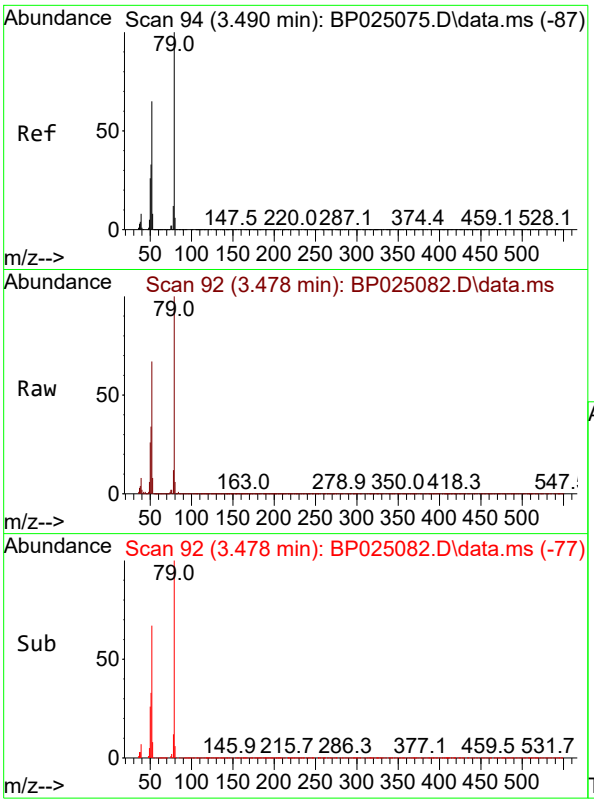


#2
1,4-Dioxane
Concen: 38.670 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



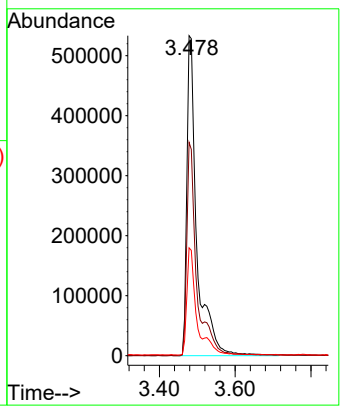


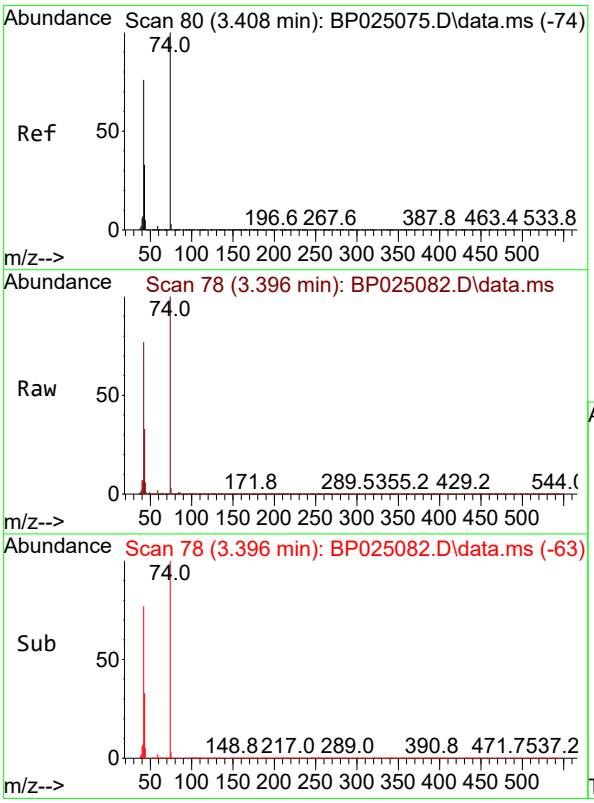
#3
Pyridine
Concen: 39.857 ng
RT: 3.478 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

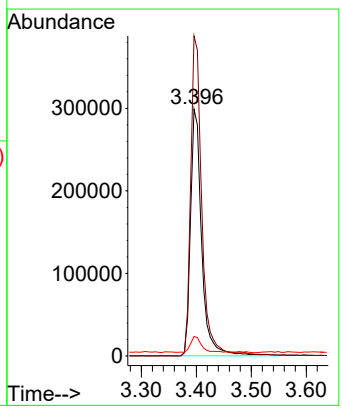


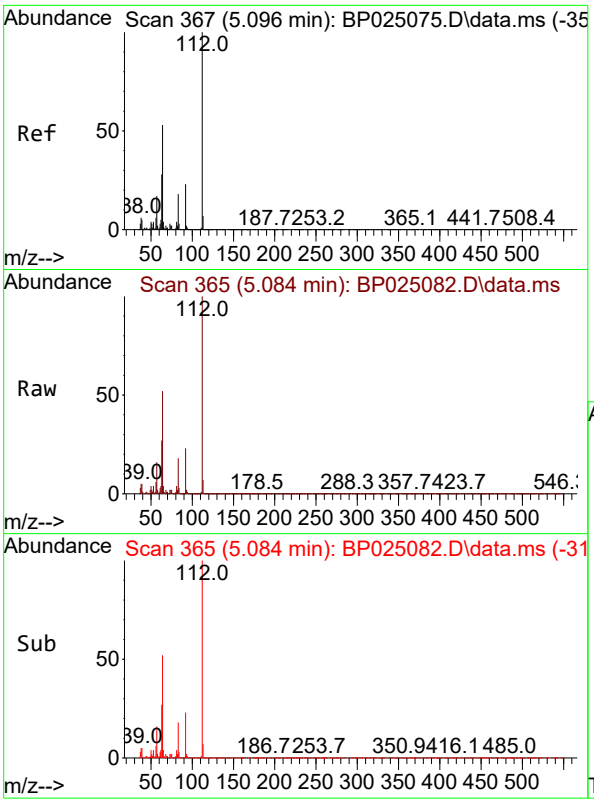


#4
n-Nitrosodimethylamine
Concen: 40.369 ng
RT: 3.396 min Scan# 78
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



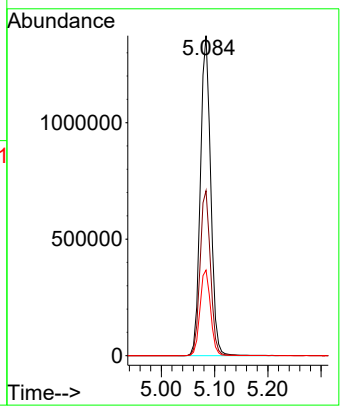


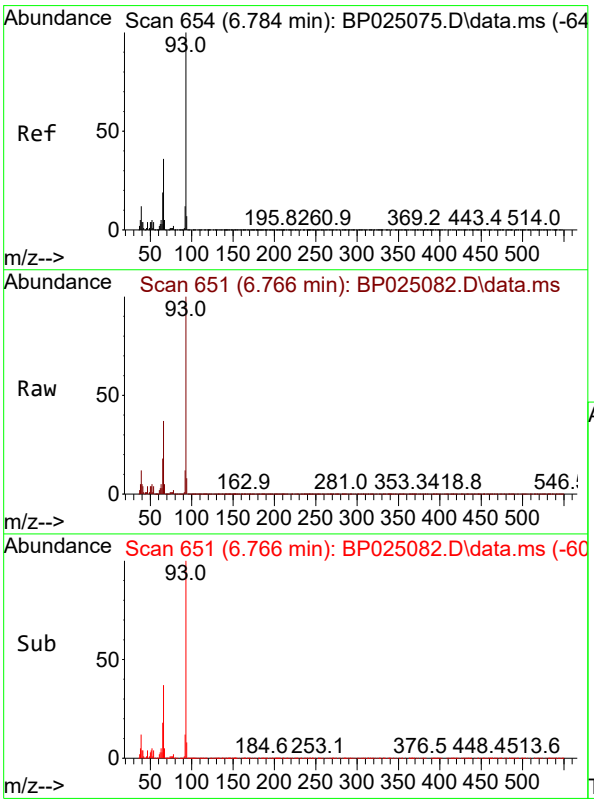
#5
2-Fluorophenol
Concen: 79.918 ng
RT: 5.084 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

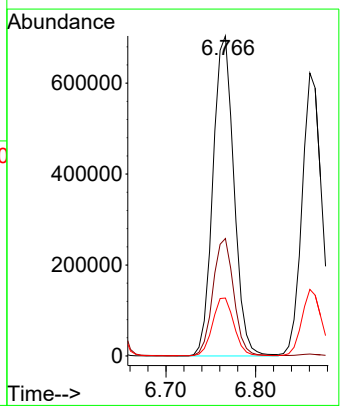


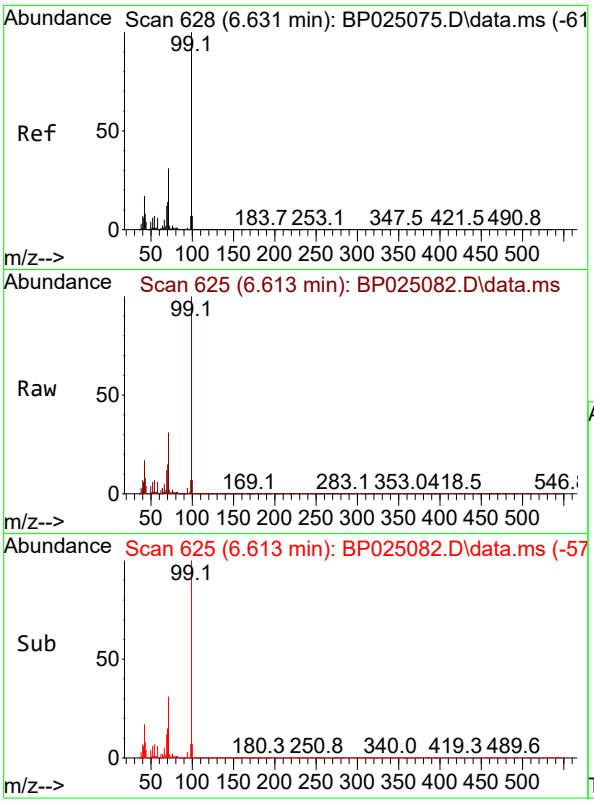


#6
Aniline
Concen: 40.506 ng
RT: 6.766 min Scan# 651
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



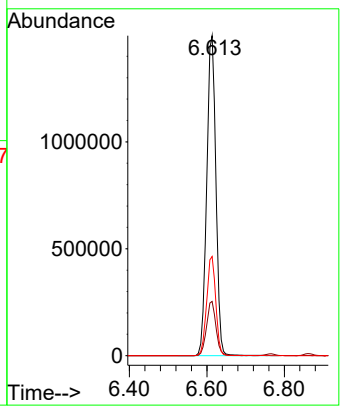


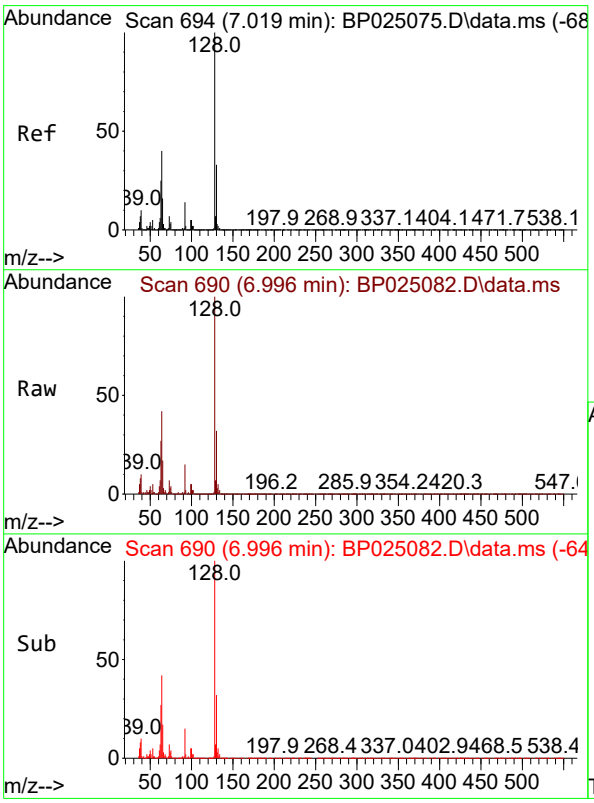
#7
Phenol-d6
Concen: 81.391 ng
RT: 6.613 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

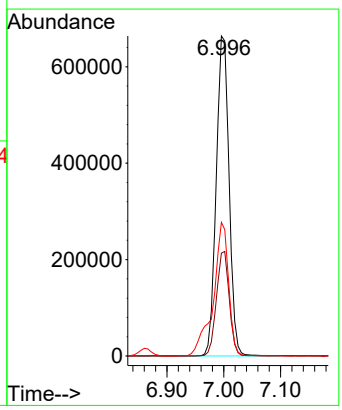


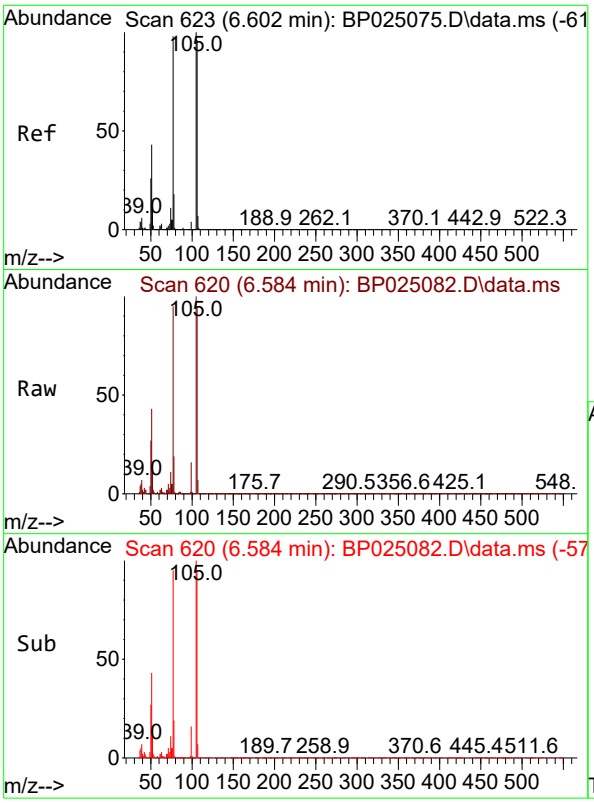


#8
2-Chlorophenol
Concen: 40.363 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



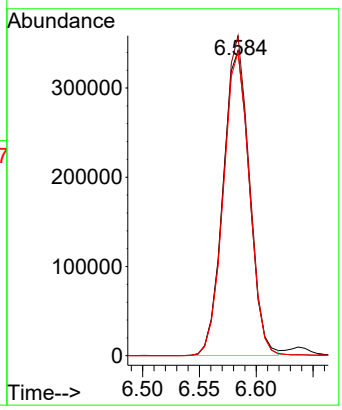


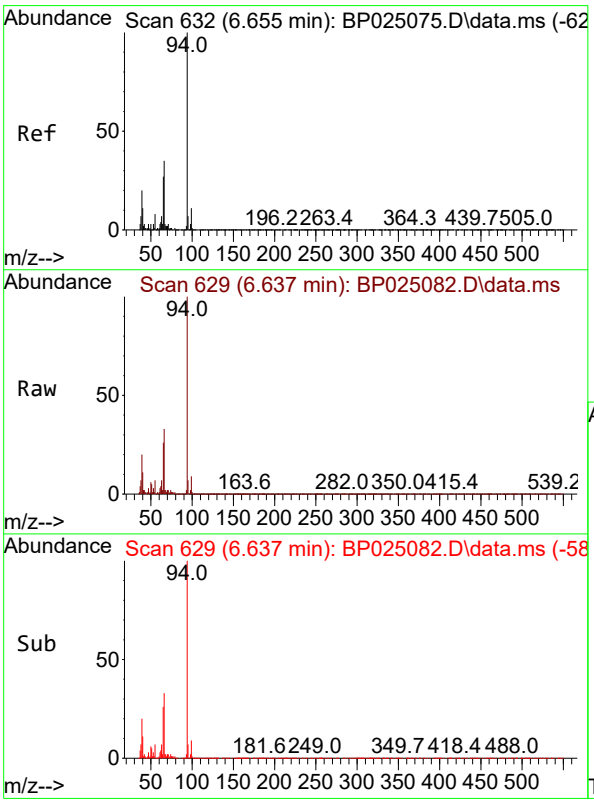
#9
Benzaldehyde
Concen: 35.132 ng
RT: 6.584 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

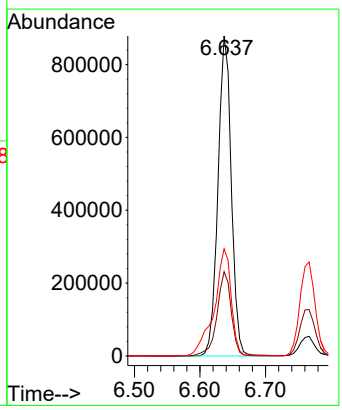


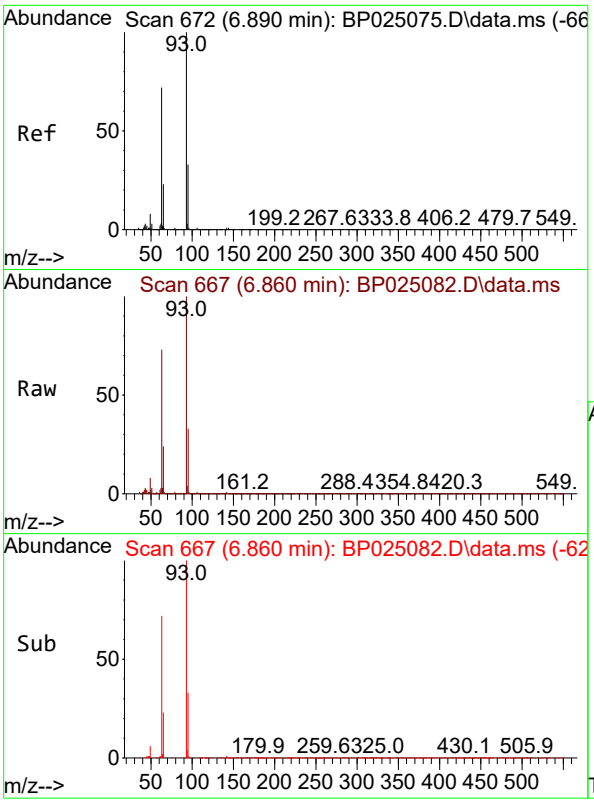


#10
Phenol
Concen: 40.259 ng
RT: 6.637 min Scan# 629
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



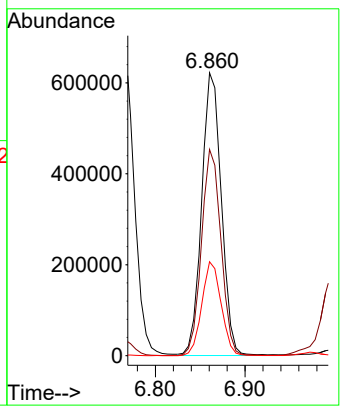


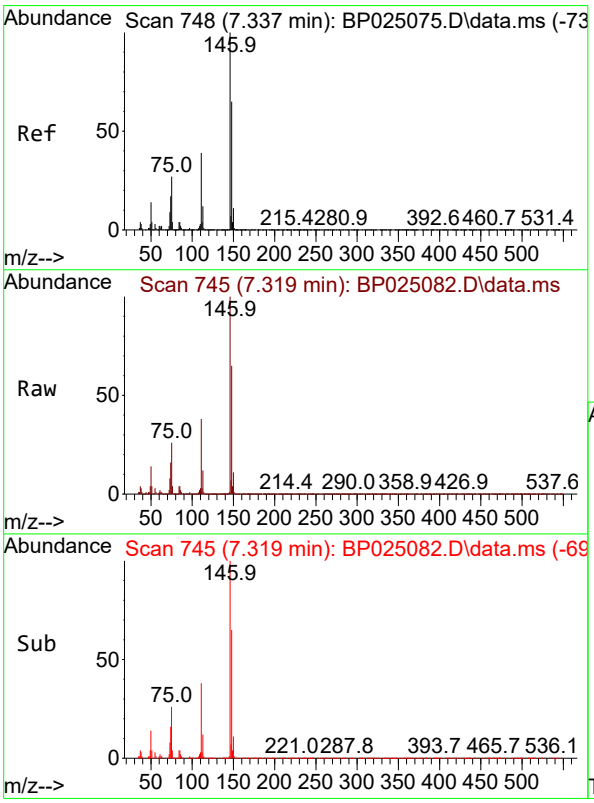
#11
bis(2-Chloroethyl)ether
Concen: 40.213 ng
RT: 6.860 min Scan# 6
Delta R.T. -0.029 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

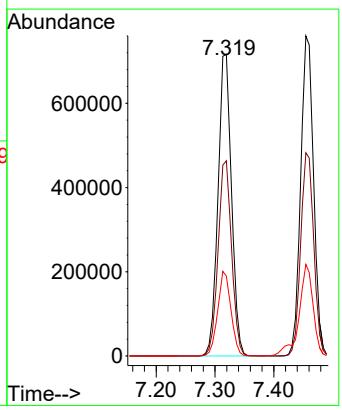


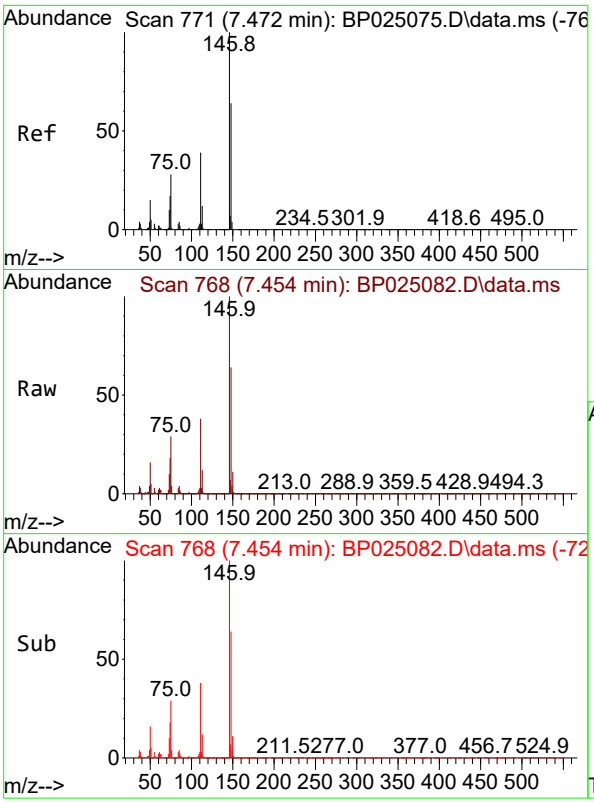


#12
1,3-Dichlorobenzene
Concen: 39.498 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



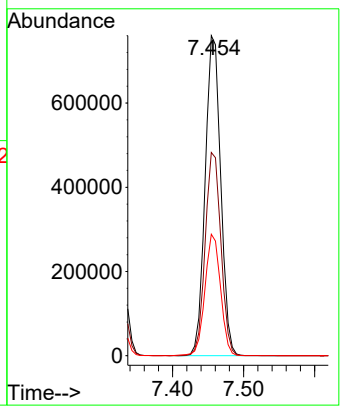


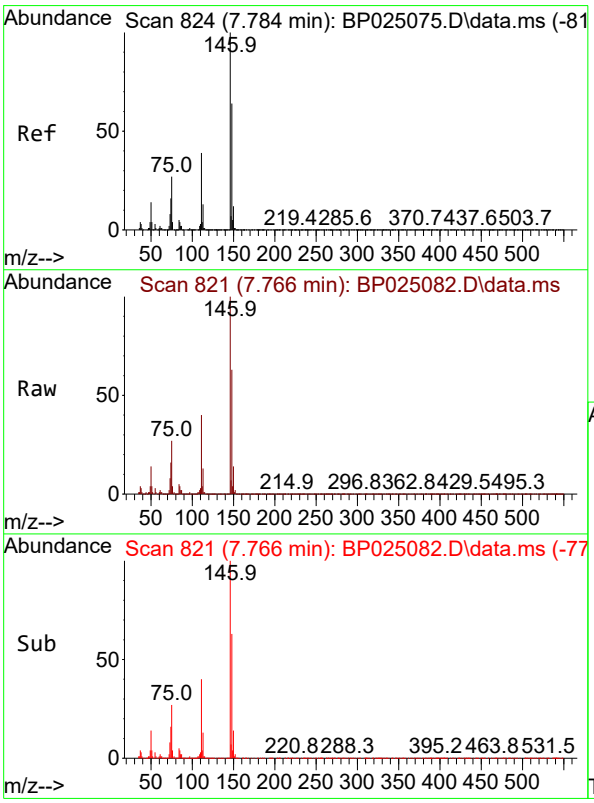
#13
1,4-Dichlorobenzene
Concen: 39.463 ng
RT: 7.454 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

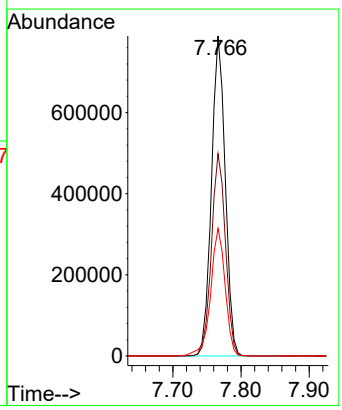


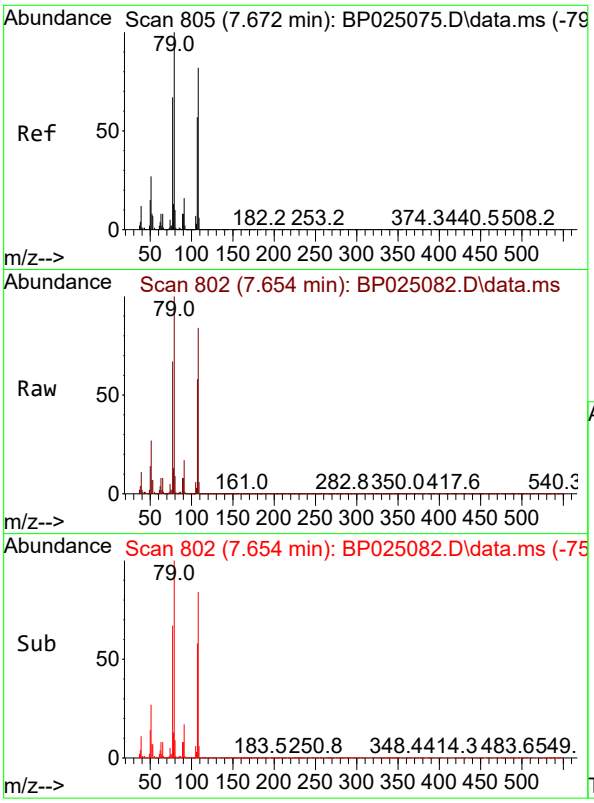


#14
1,2-Dichlorobenzene
Concen: 39.344 ng
RT: 7.766 min Scan# 821
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



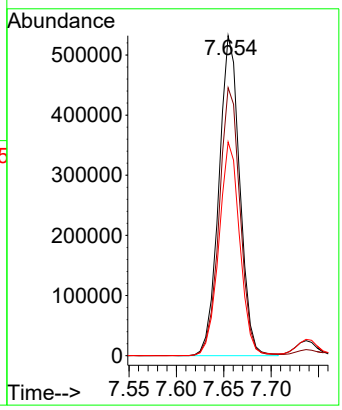


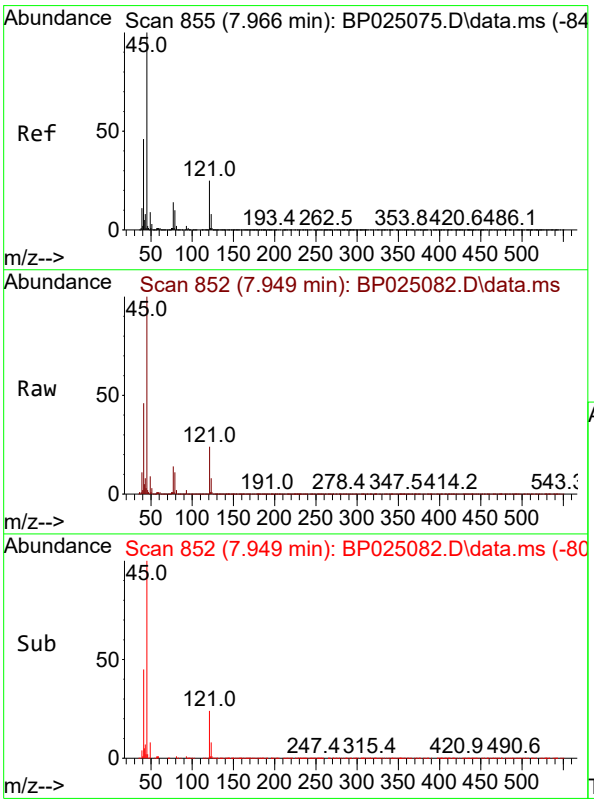
#15
Benzyl Alcohol
Concen: 40.597 ng
RT: 7.654 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

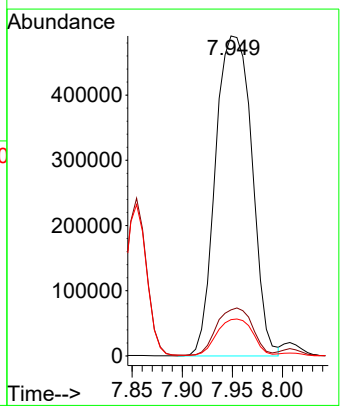


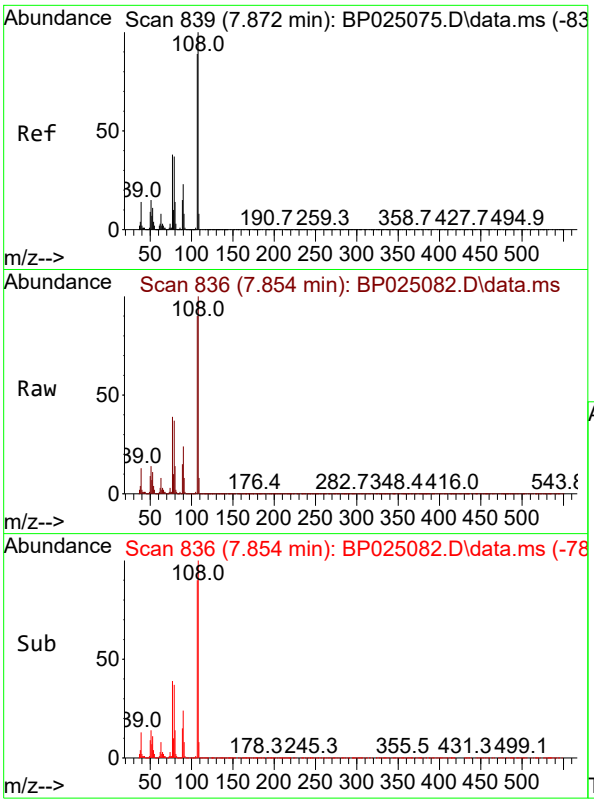


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.475 ng
RT: 7.949 min Scan# 852
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



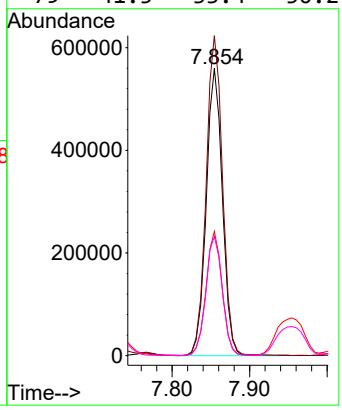


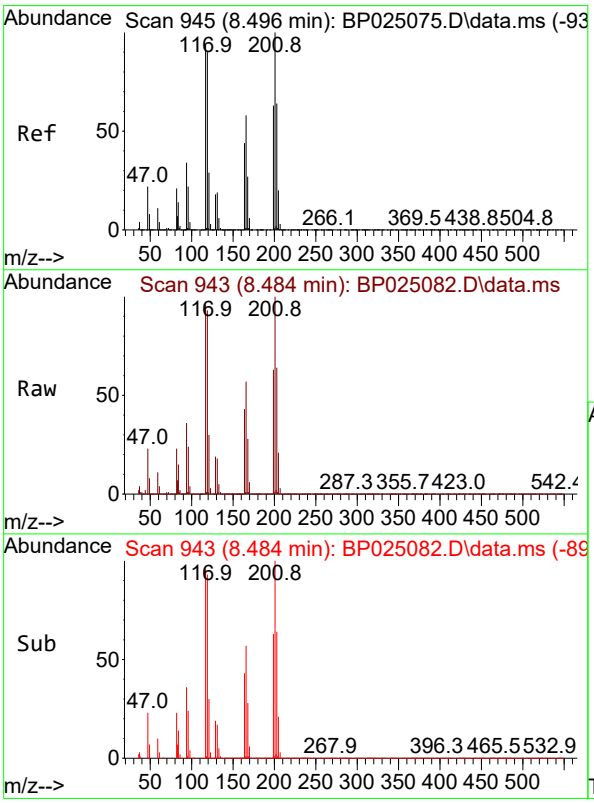
#17
2-Methylphenol
Concen: 41.058 ng
RT: 7.854 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

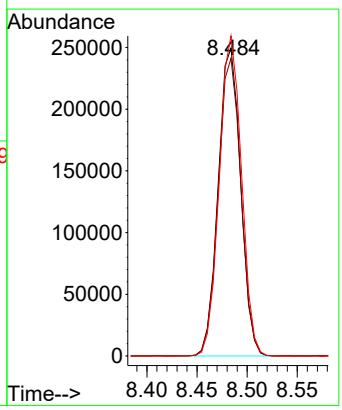


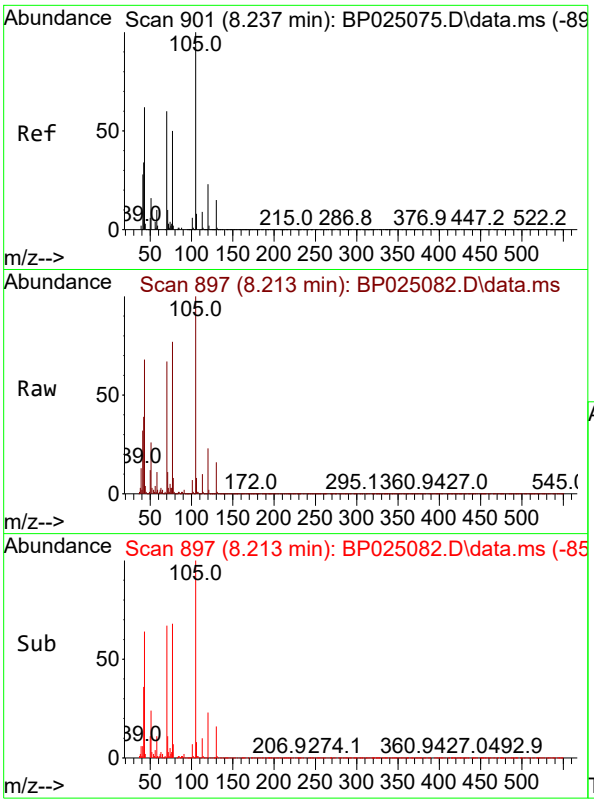


#18
Hexachloroethane
Concen: 40.726 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



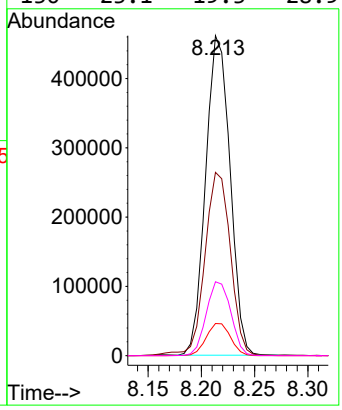


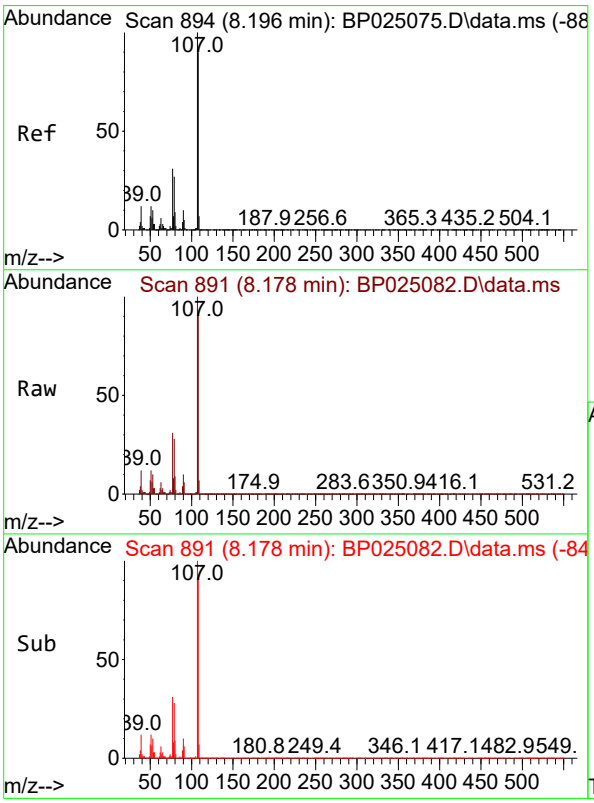
#19
n-Nitroso-di-n-propylamine
Concen: 41.169 ng
RT: 8.213 min Scan# 8
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

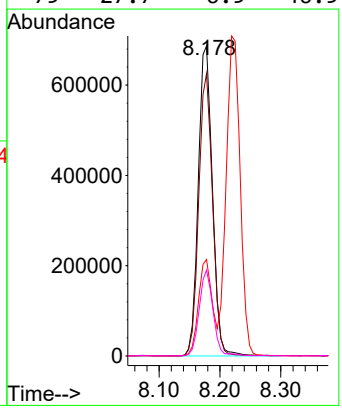


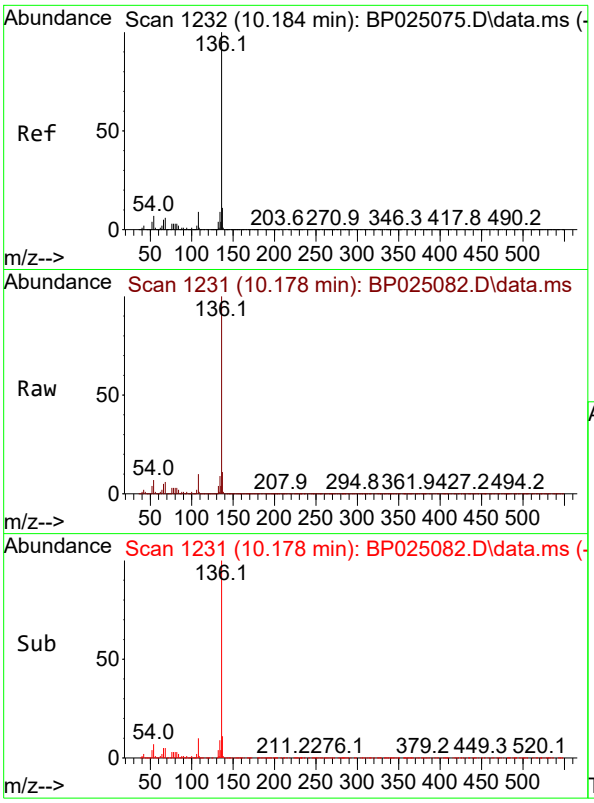


#20
3+4-Methylphenols
Concen: 39.971 ng
RT: 8.178 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



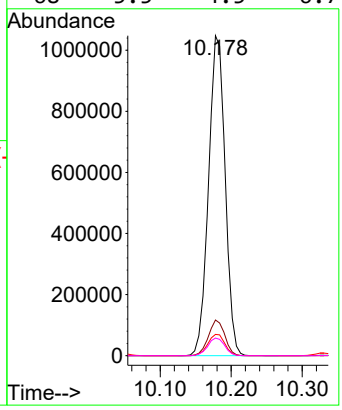


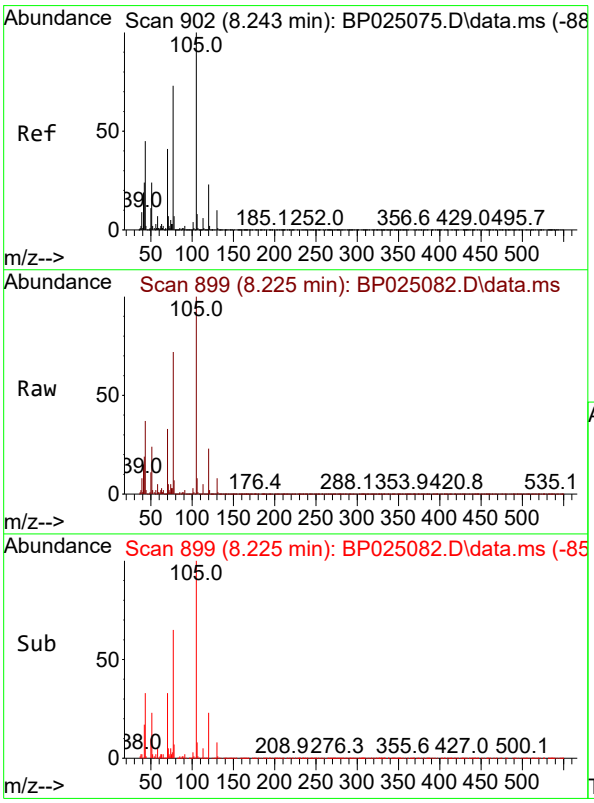
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

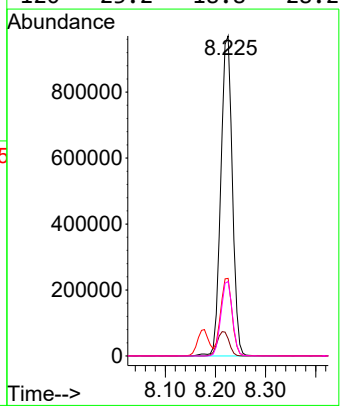


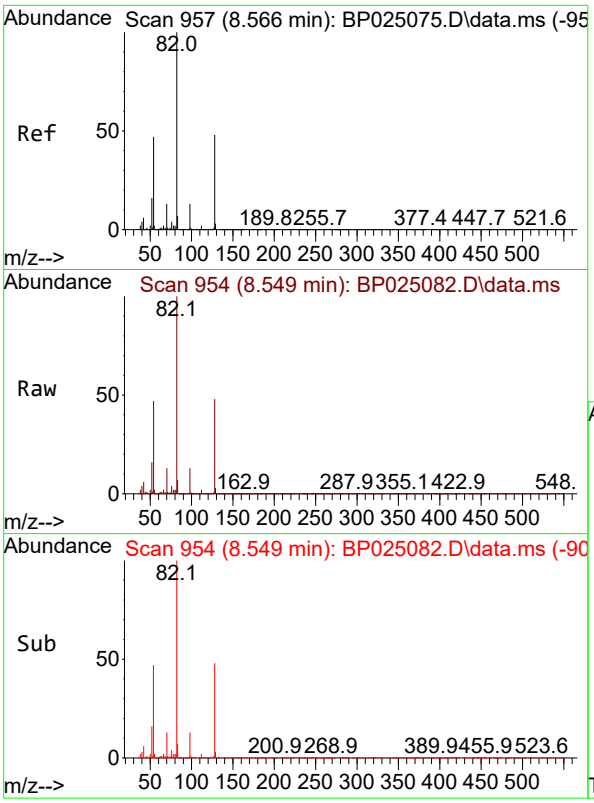


#22
Acetophenone
Concen: 38.479 ng
RT: 8.225 min Scan# 899
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



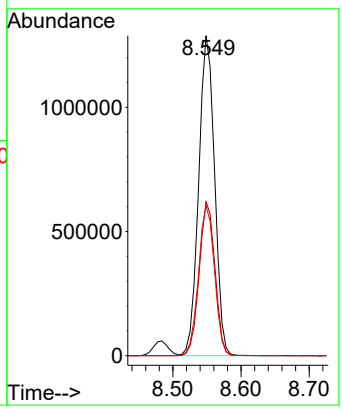


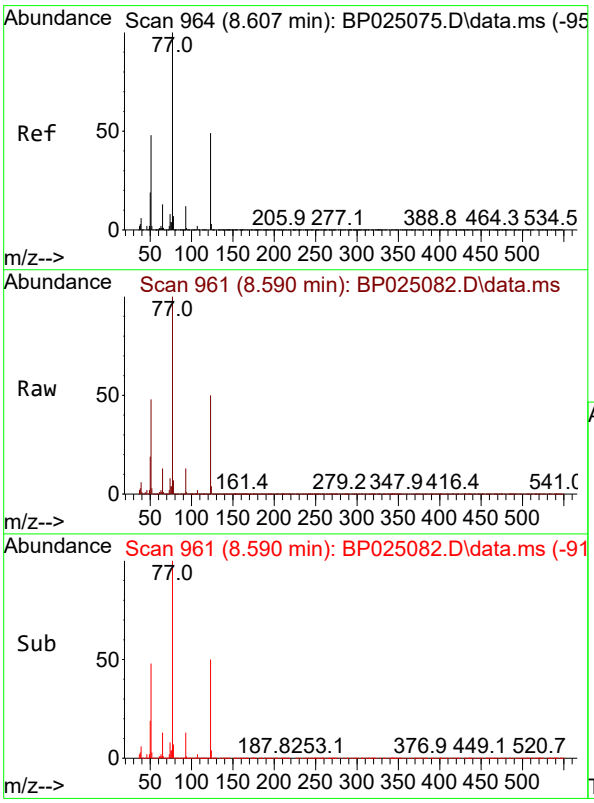
#23
Nitrobenzene-d5
Concen: 81.753 ng
RT: 8.549 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

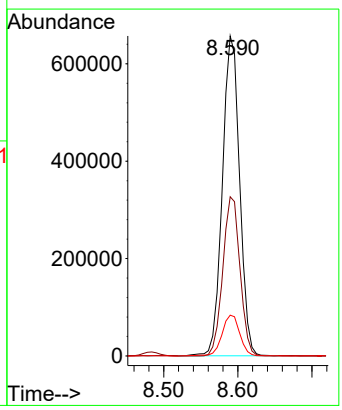


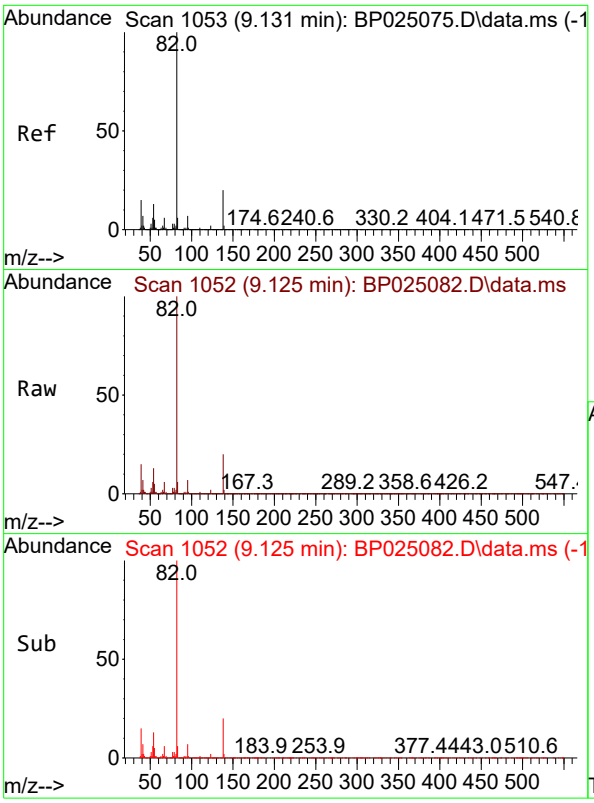


#24
Nitrobenzene
Concen: 40.662 ng
RT: 8.590 min Scan# 961
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



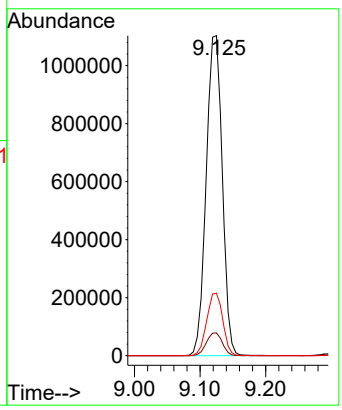


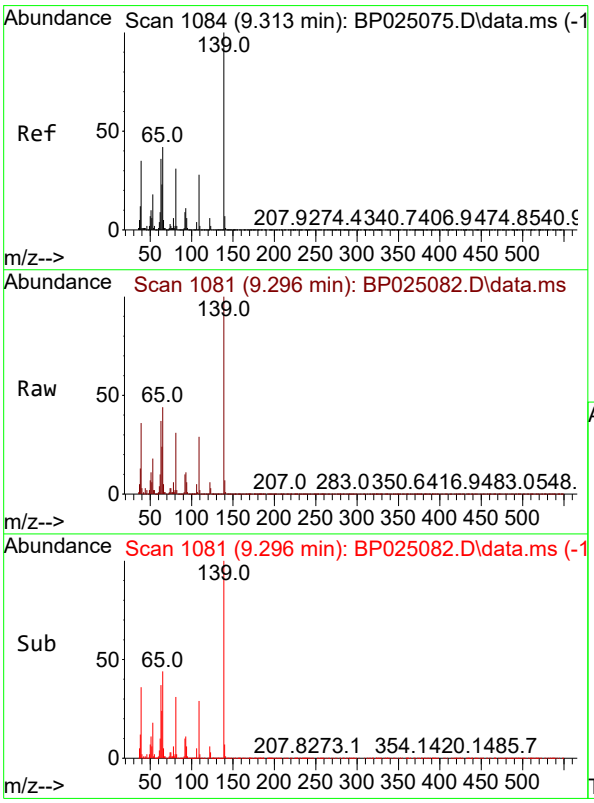
#25
Isophorone
Concen: 39.479 ng
RT: 9.125 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

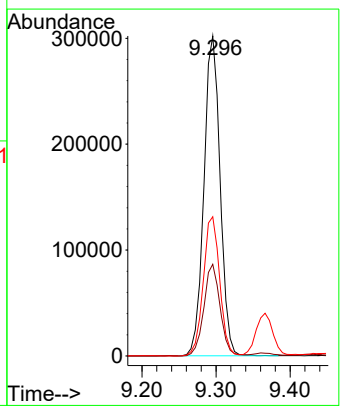


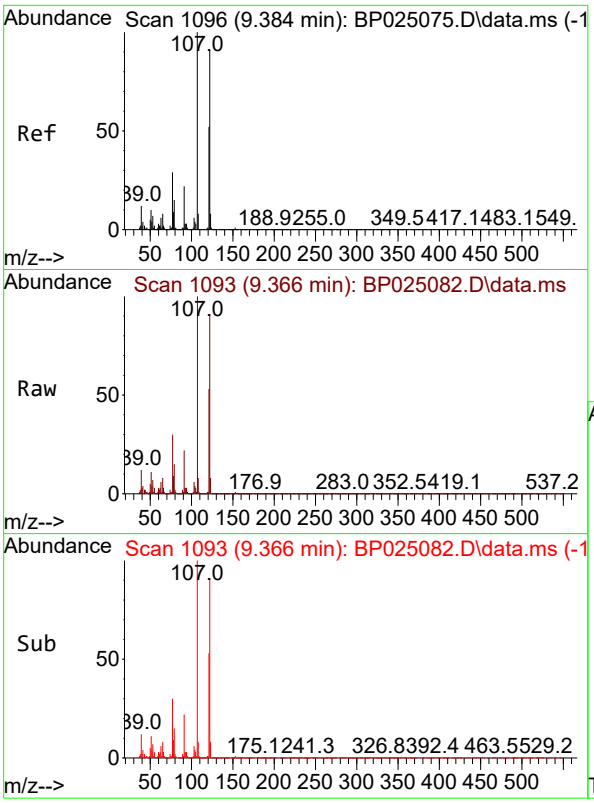


#26
2-Nitrophenol
Concen: 36.991 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



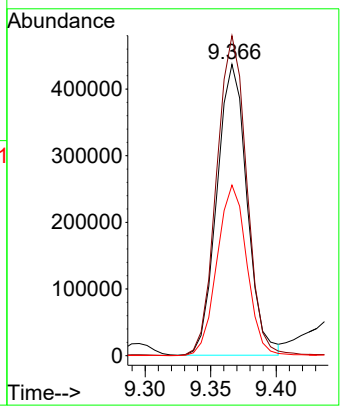


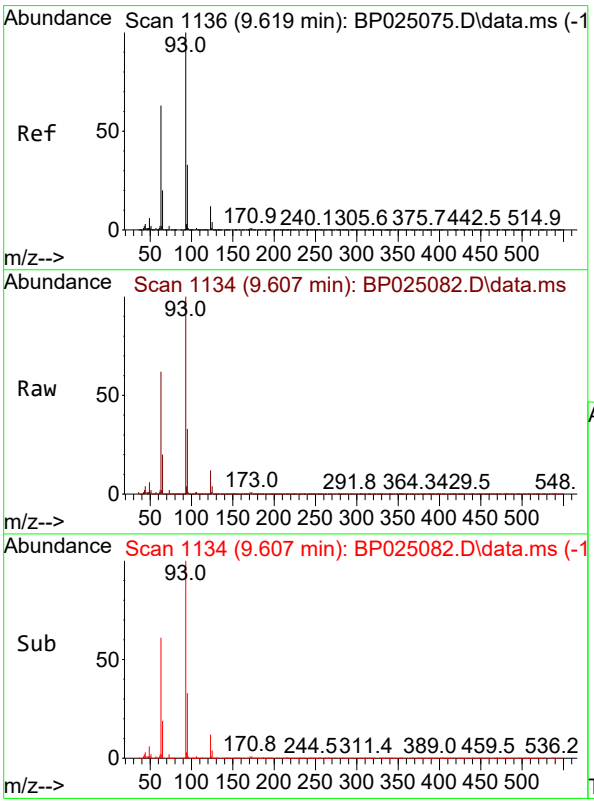
#27
2,4-Dimethylphenol
Concen: 39.107 ng
RT: 9.366 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

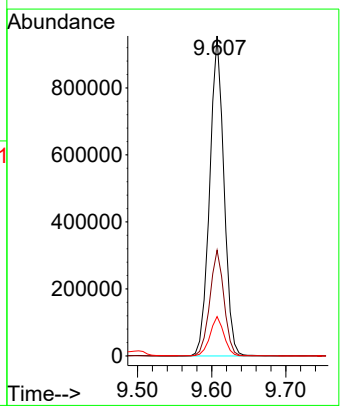


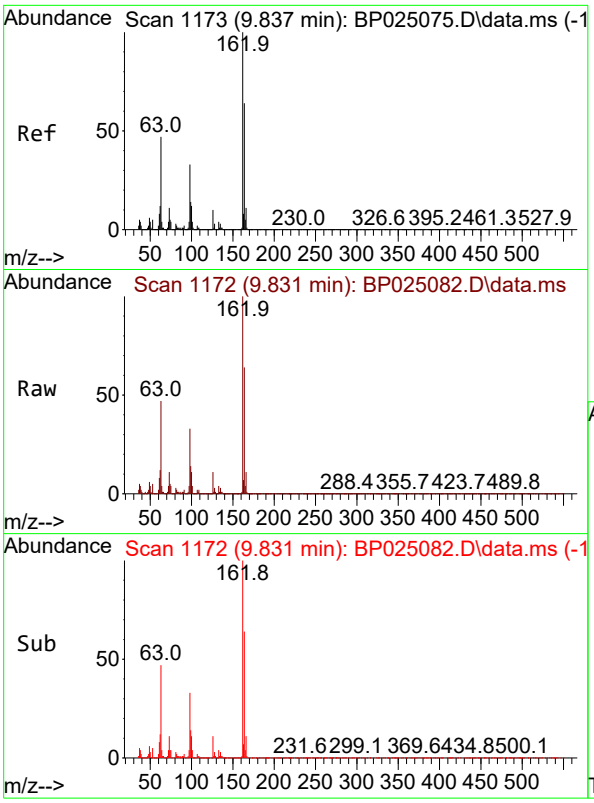


#28
bis(2-Chloroethoxy)methane
Concen: 39.315 ng
RT: 9.607 min Scan# 1134
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



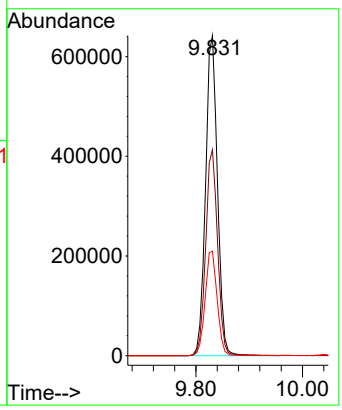


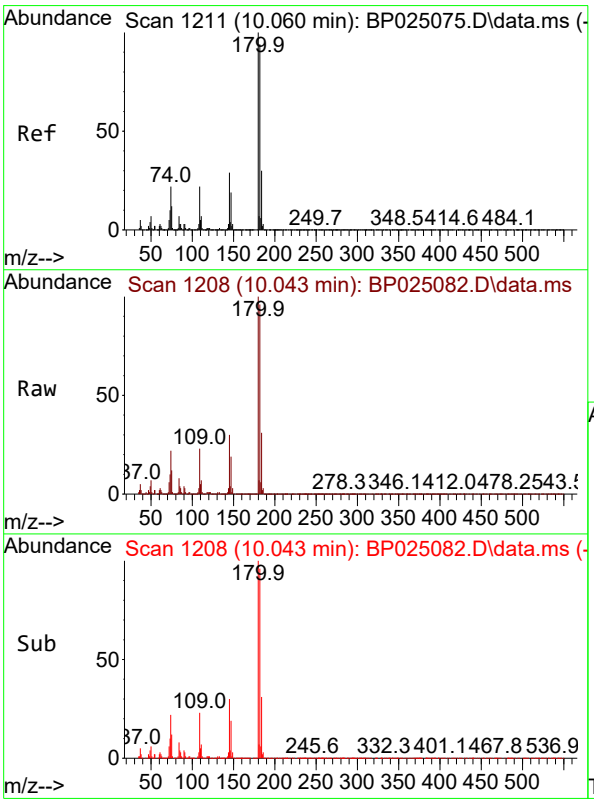
#29
2,4-Dichlorophenol
Concen: 40.347 ng
RT: 9.831 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

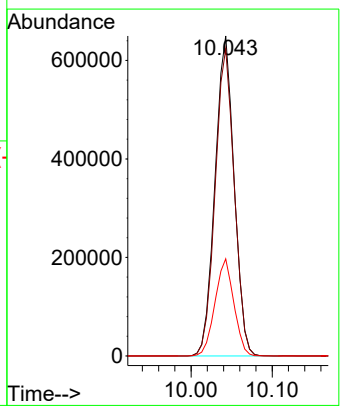


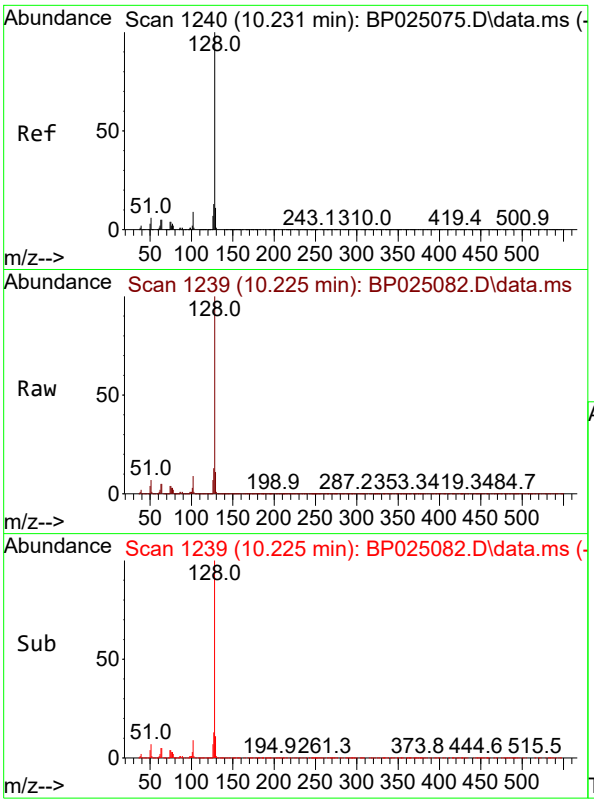


#30
1,2,4-Trichlorobenzene
Concen: 38.805 ng
RT: 10.043 min Scan# 1208
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



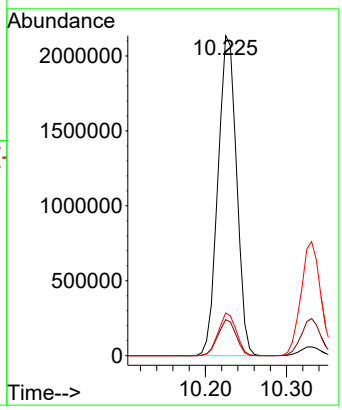


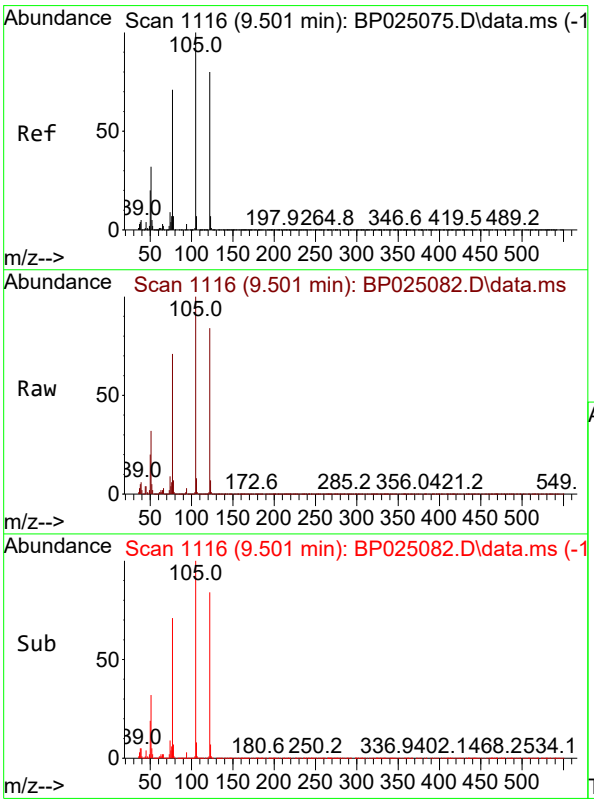
#31
Naphthalene
Concen: 38.900 ng
RT: 10.225 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

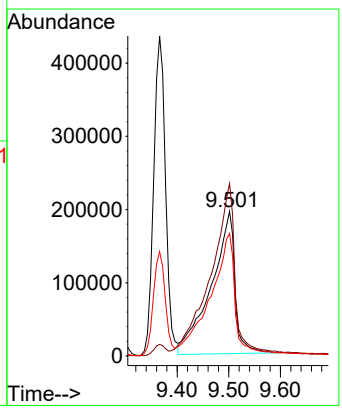


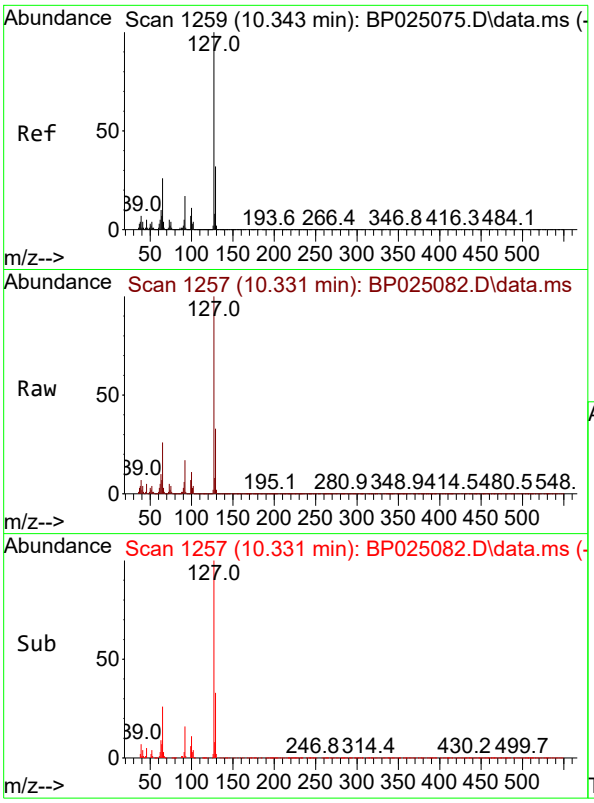


#32
Benzoic acid
Concen: 36.374 ng
RT: 9.501 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



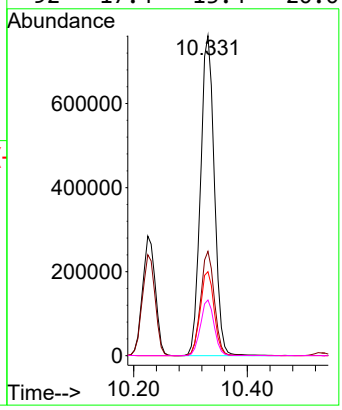


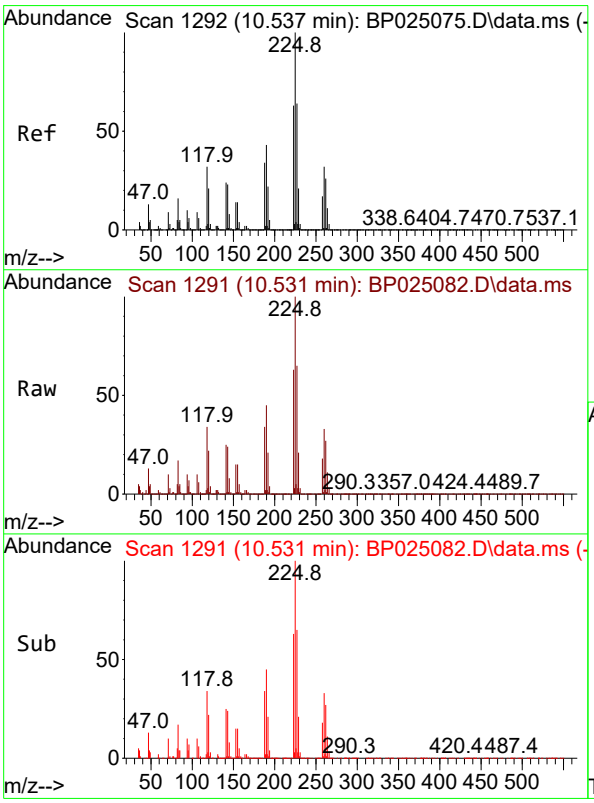
#33
4-Chloroaniline
Concen: 39.286 ng
RT: 10.331 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

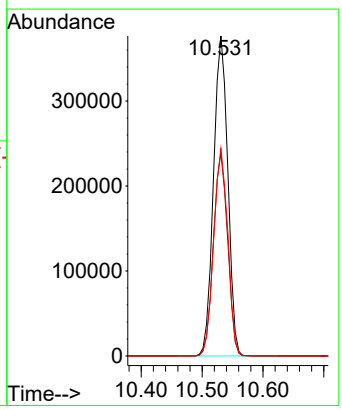


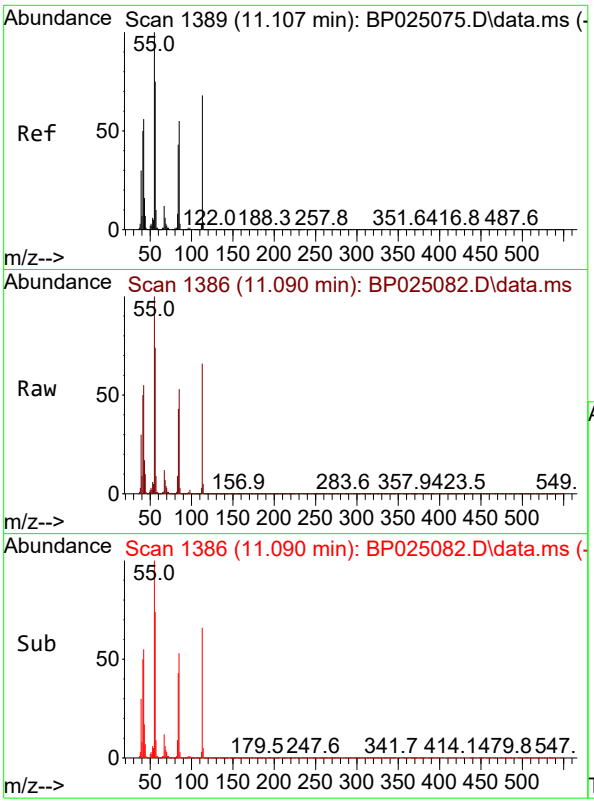


#34
Hexachlorobutadiene
Concen: 38.956 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



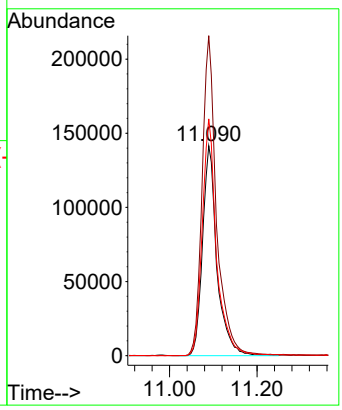


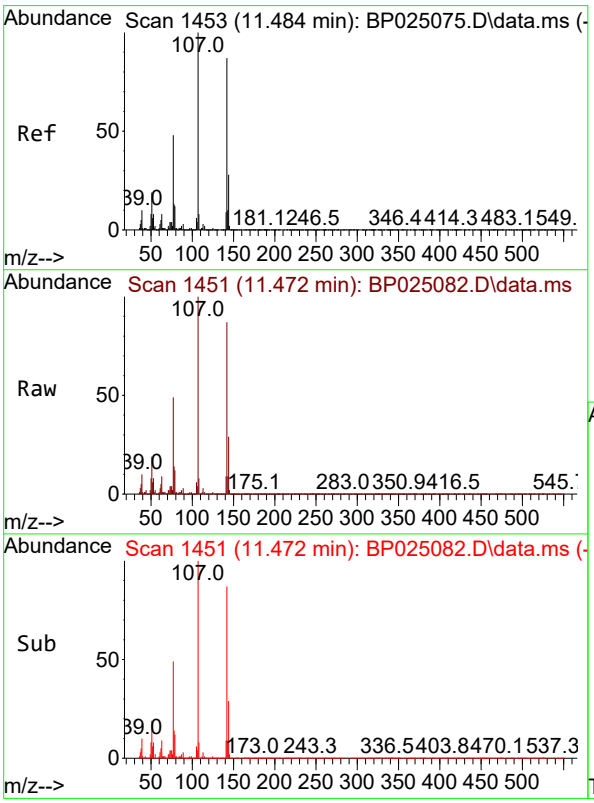
#35
Caprolactam
Concen: 38.340 ng
RT: 11.090 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

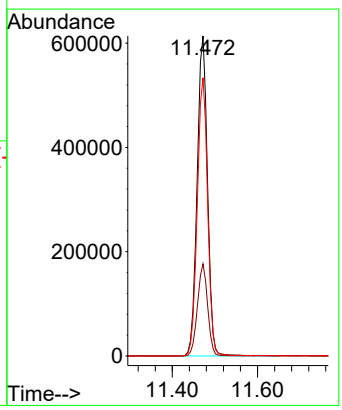


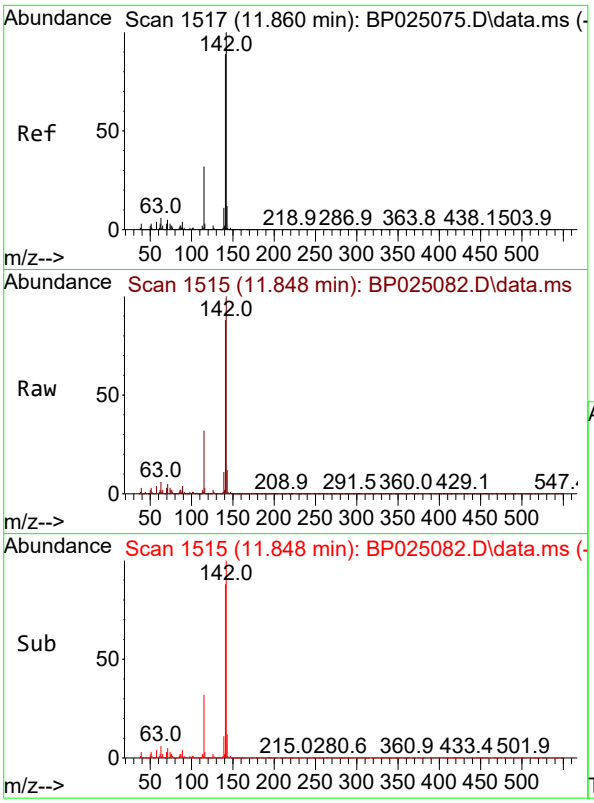


#36
4-Chloro-3-methylphenol
Concen: 40.173 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



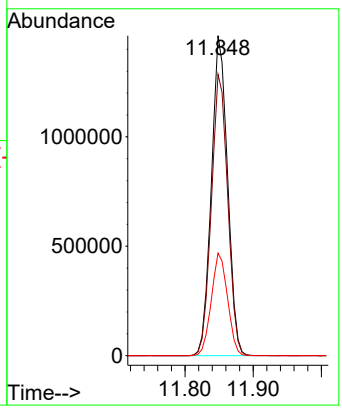


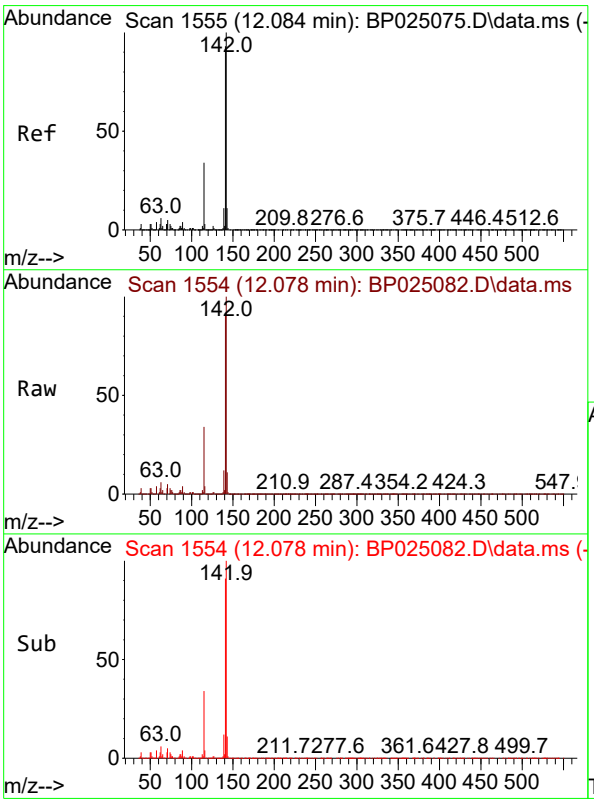
#37
2-Methylnaphthalene
Concen: 39.004 ng
RT: 11.848 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

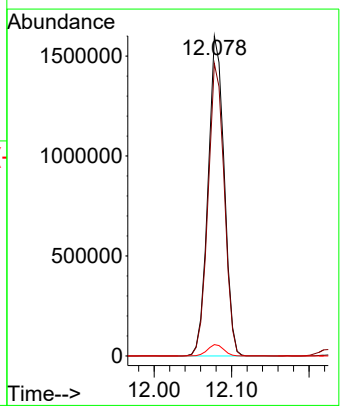


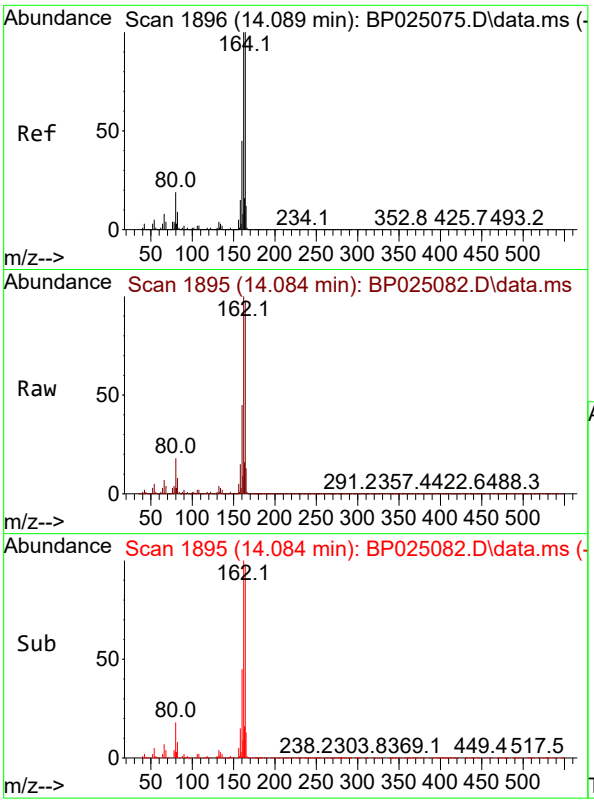


#38
1-Methylnaphthalene
Concen: 38.391 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



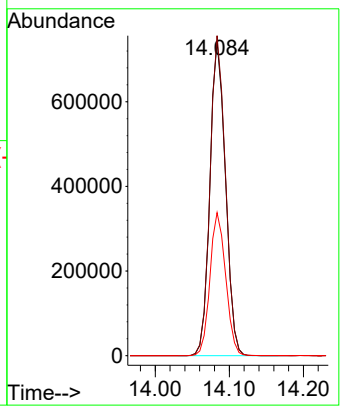


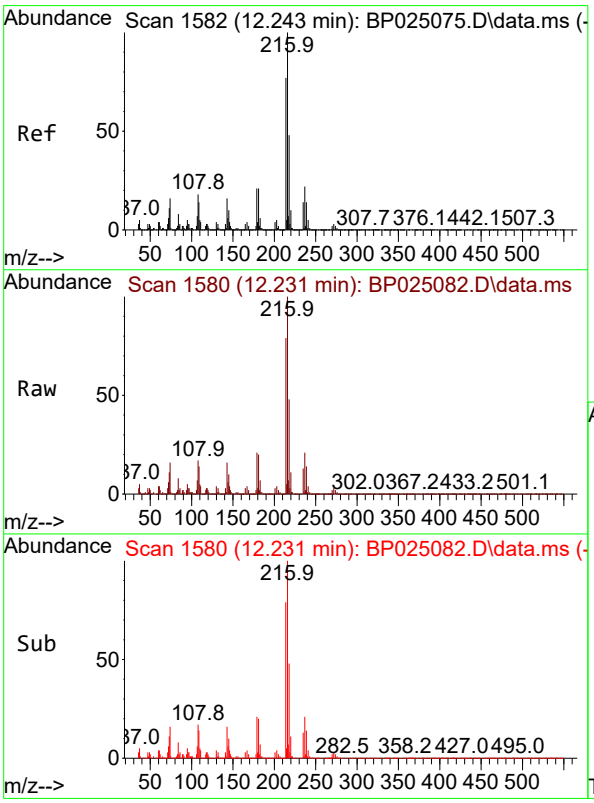
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

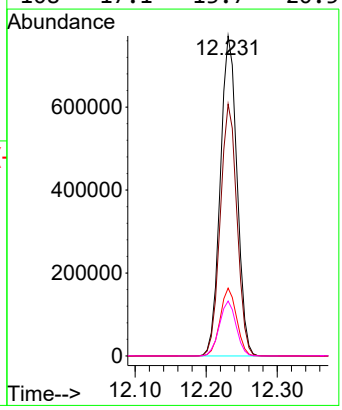


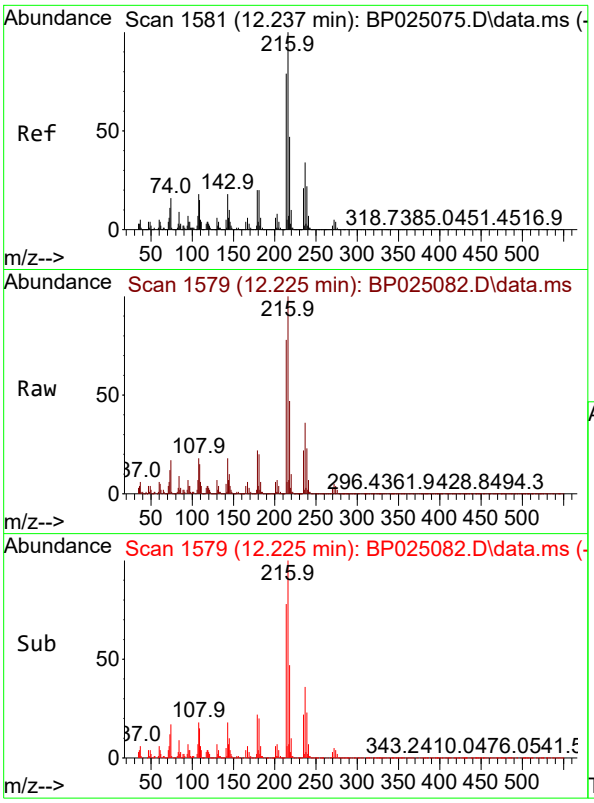


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.535 ng
RT: 12.231 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



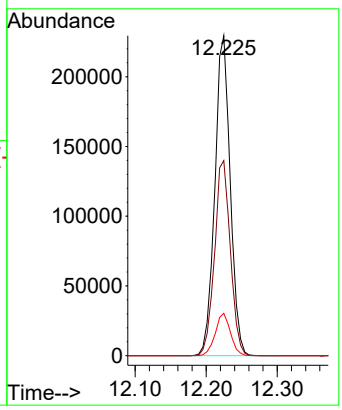


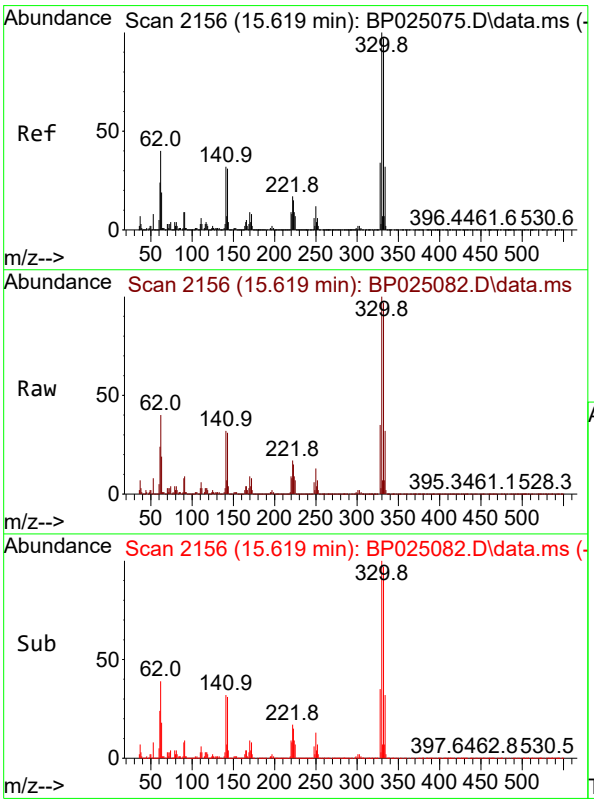
#41
Hexachlorocyclopentadiene
Concen: 42.419 ng
RT: 12.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

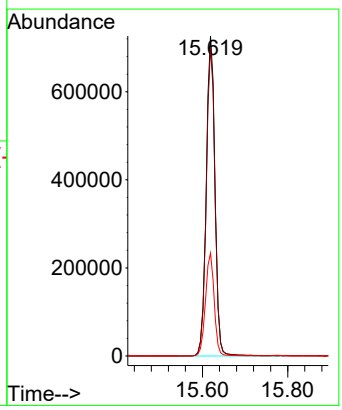


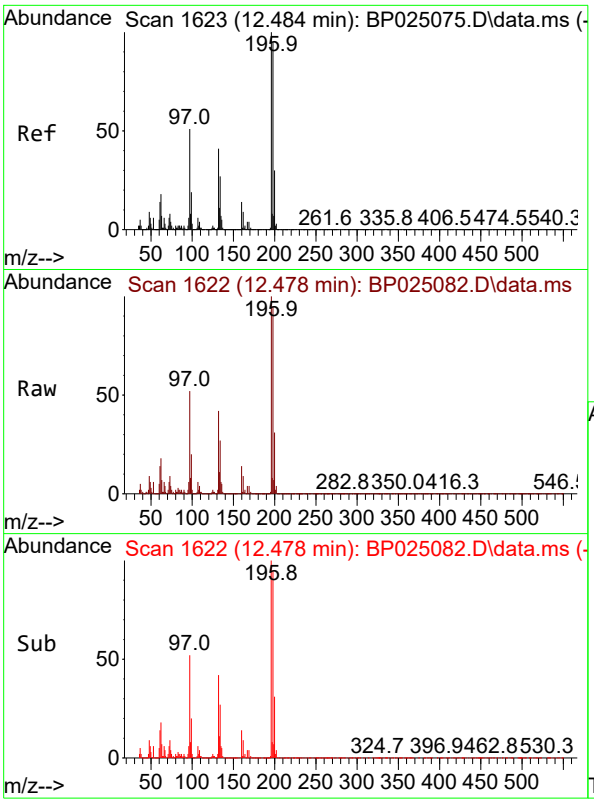


#42
2,4,6-Tribromophenol
Concen: 80.723 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



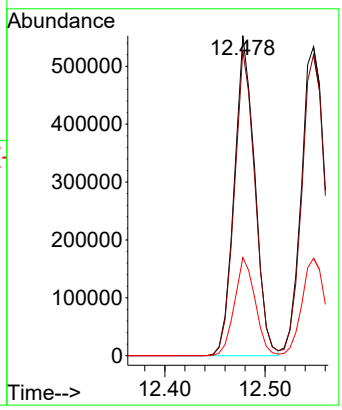


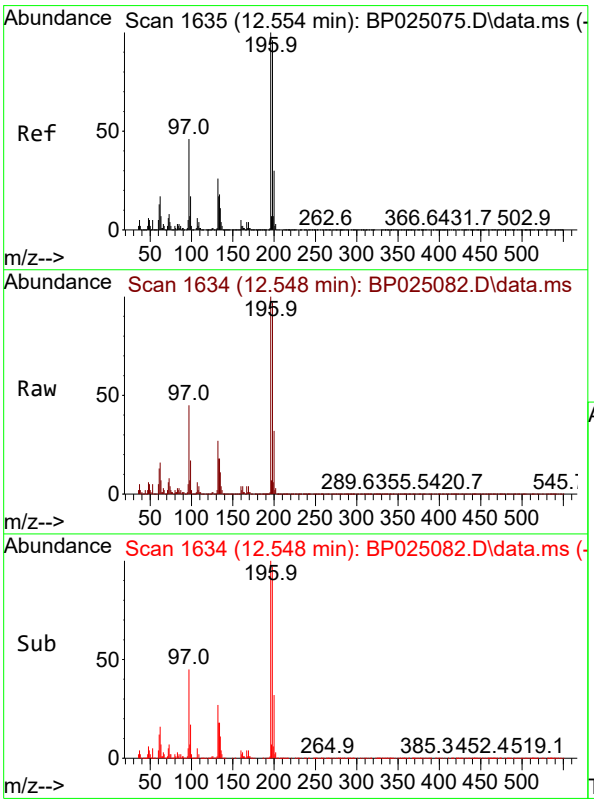
#43
2,4,6-Trichlorophenol
Concen: 41.847 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

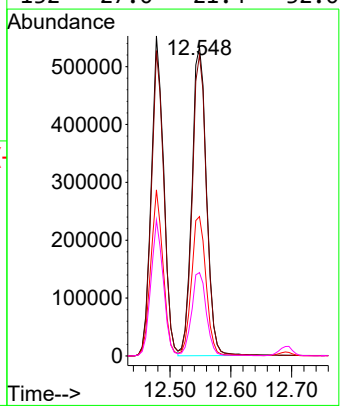


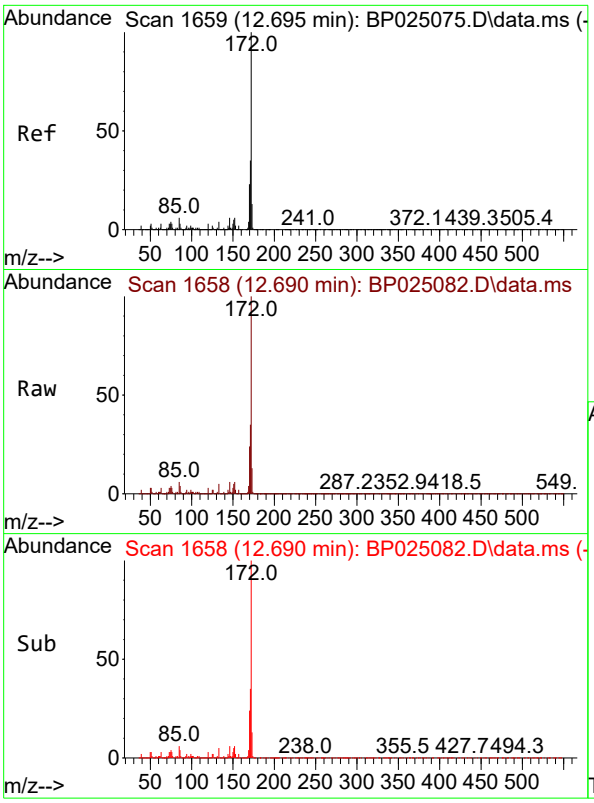


#44
2,4,5-Trichlorophenol
Concen: 41.739 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



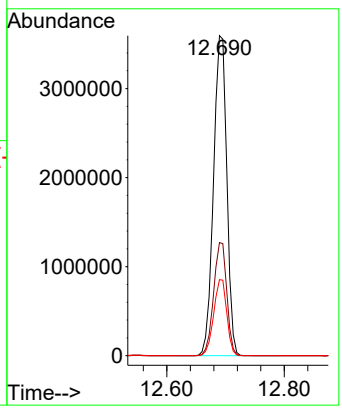


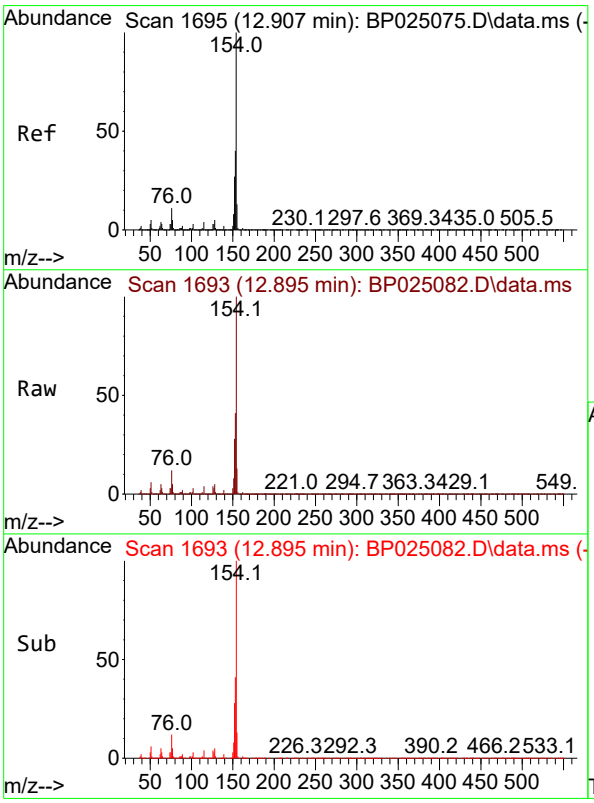
#45
2-Fluorobiphenyl
Concen: 80.634 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

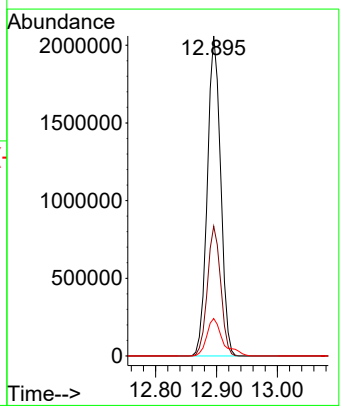


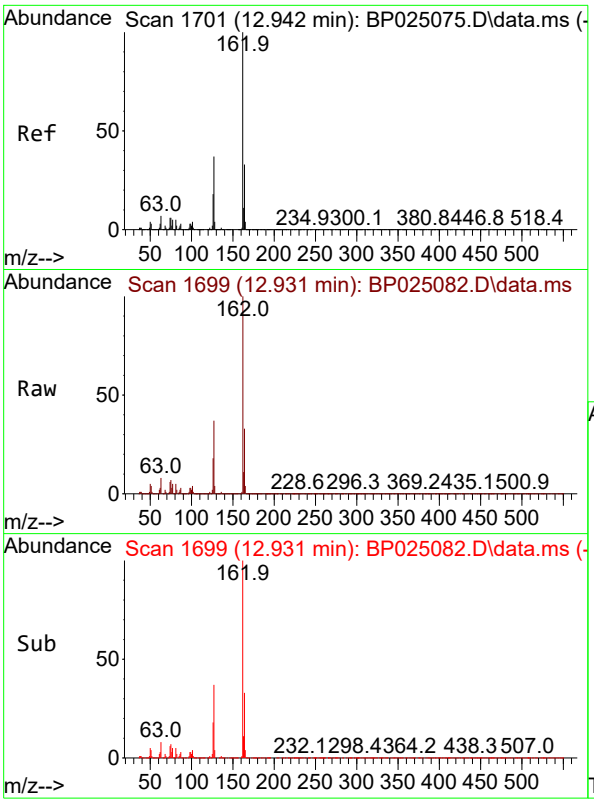


#46
1,1'-Biphenyl
Concen: 39.664 ng
RT: 12.895 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



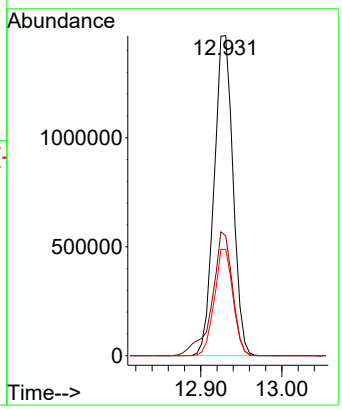


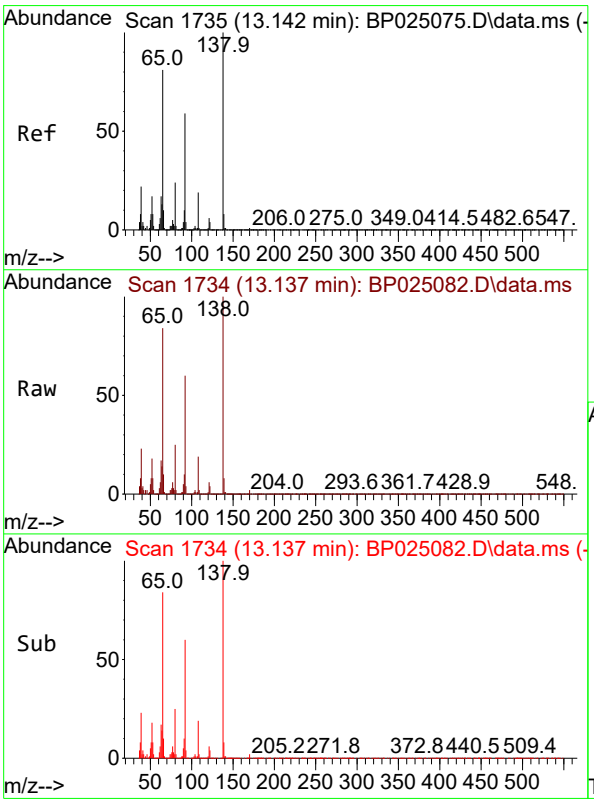
#47
2-Chloronaphthalene
Concen: 40.209 ng
RT: 12.931 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

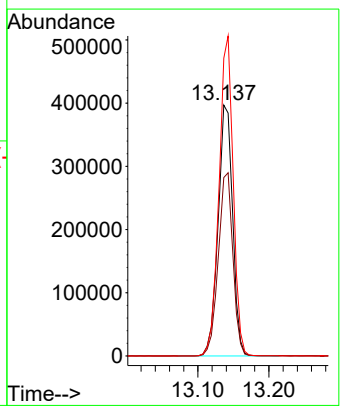


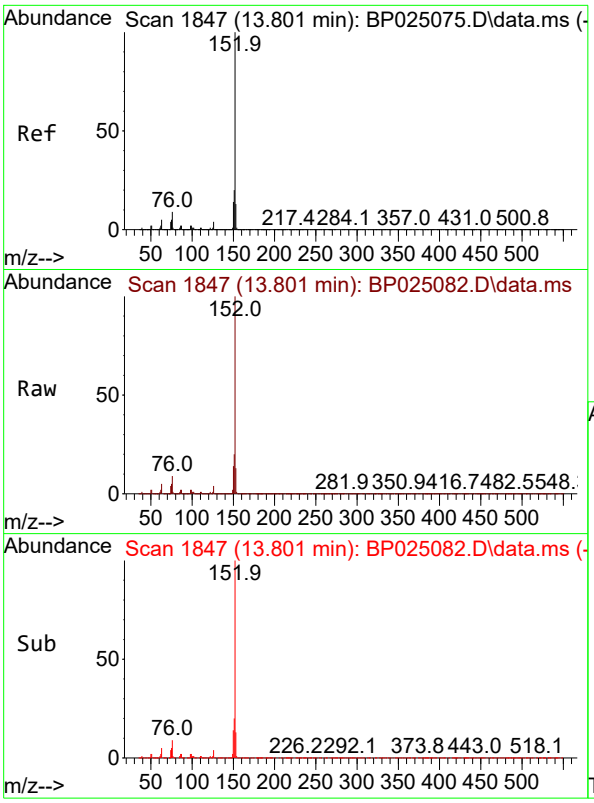


#48
2-Nitroaniline
Concen: 39.328 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



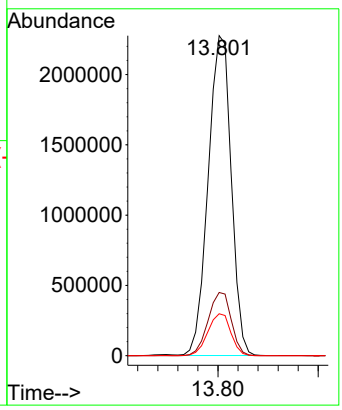


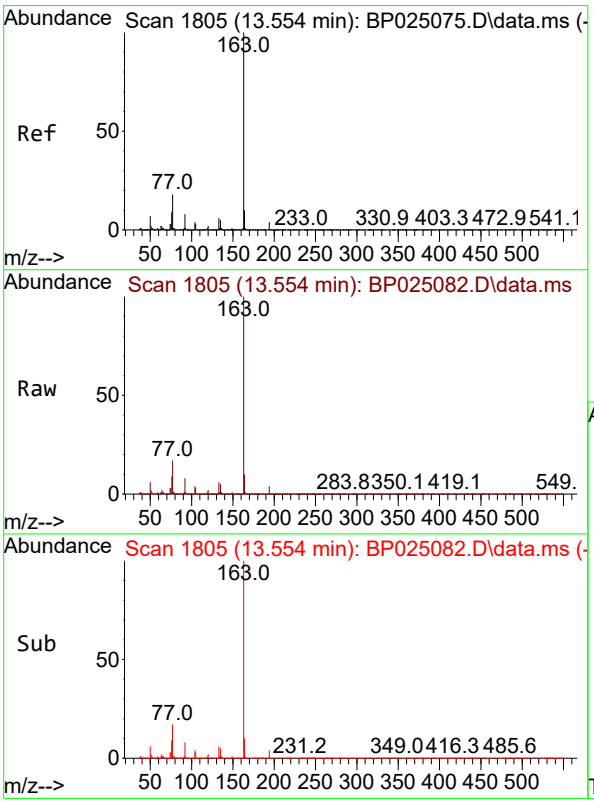
#49
Acenaphthylene
Concen: 40.212 ng
RT: 13.801 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

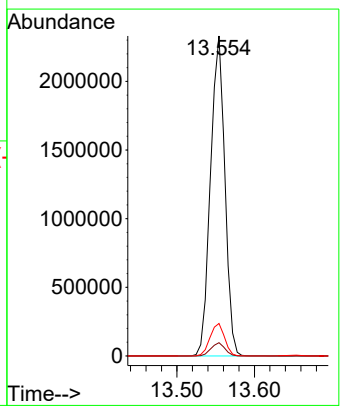


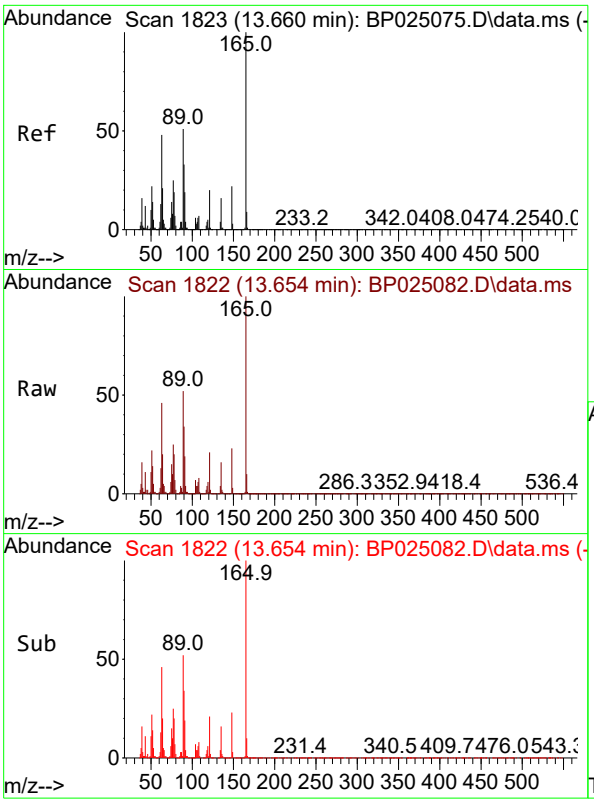


#50
Dimethylphthalate
Concen: 39.688 ng
RT: 13.554 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



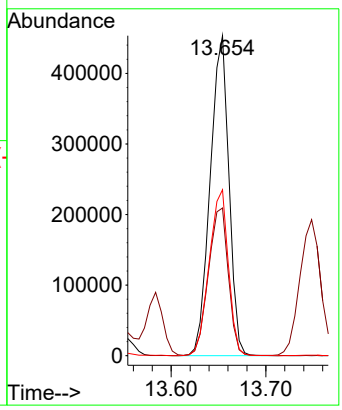


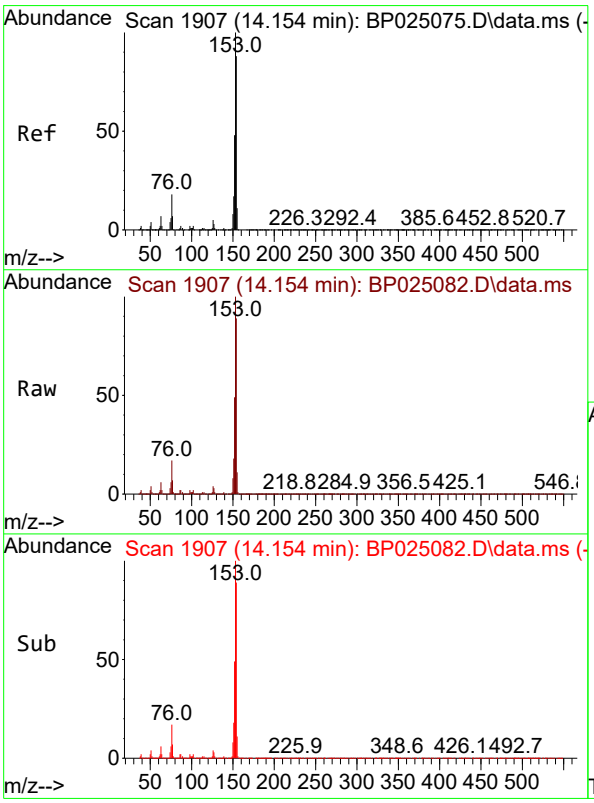
#51
2,6-Dinitrotoluene
Concen: 42.108 ng
RT: 13.654 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

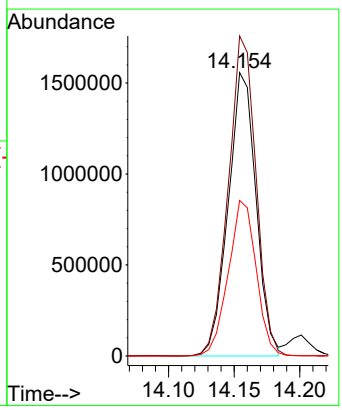


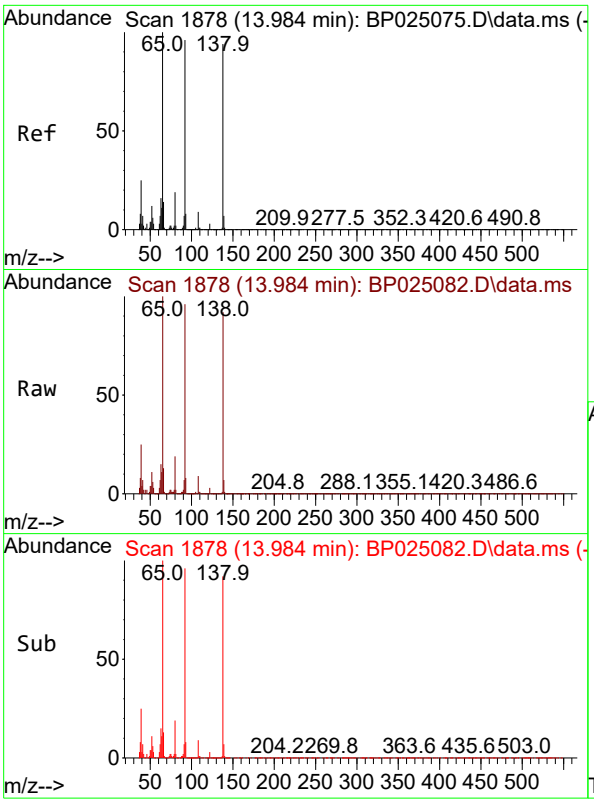


#52
Acenaphthene
Concen: 39.452 ng
RT: 14.154 min Scan# 1907
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



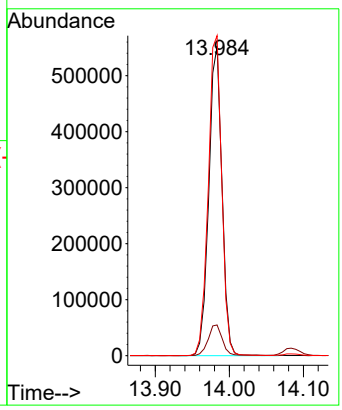


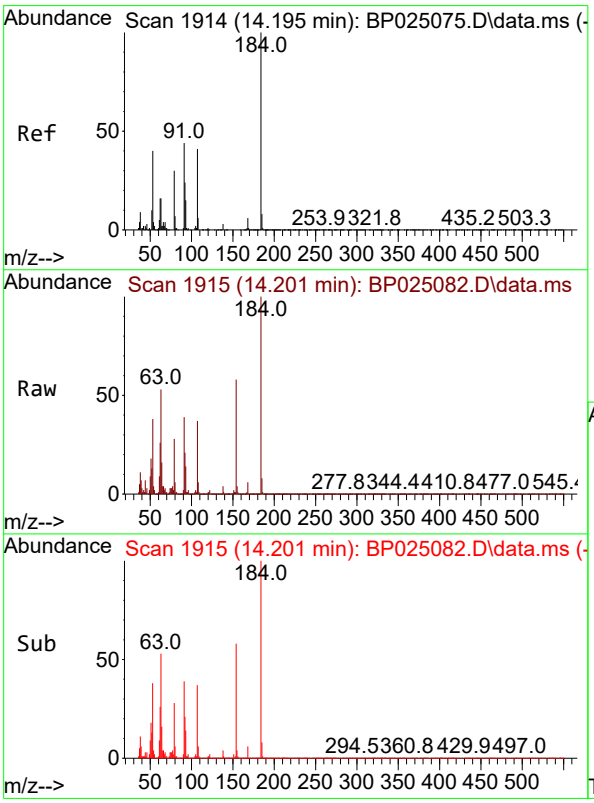
#53
3-Nitroaniline
Concen: 43.102 ng
RT: 13.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

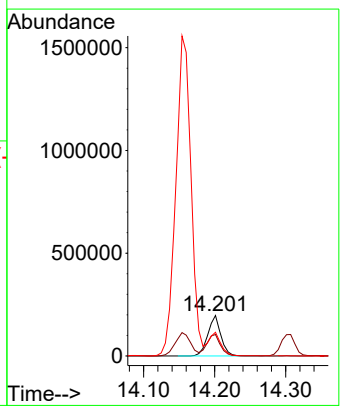


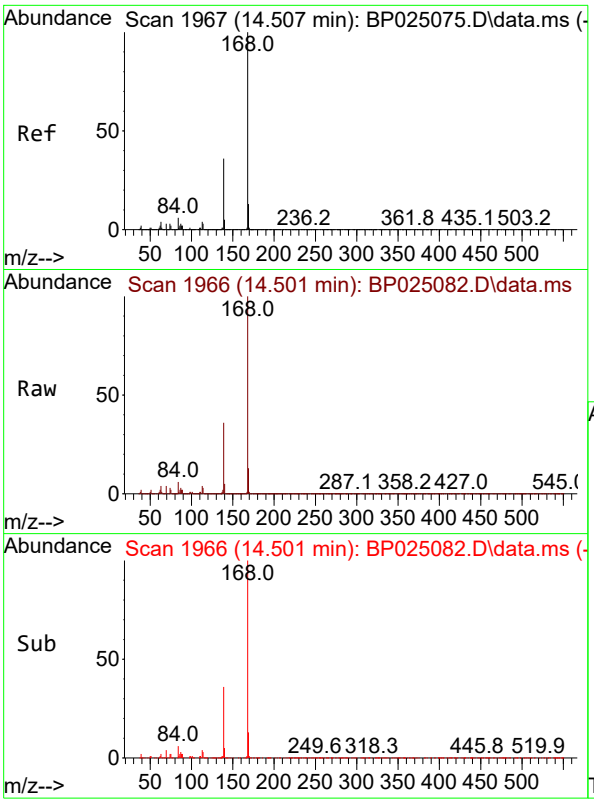


#54
2,4-Dinitrophenol
Concen: 37.884 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



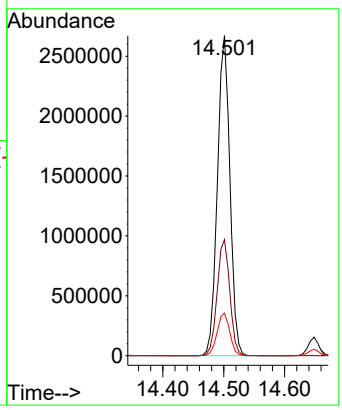


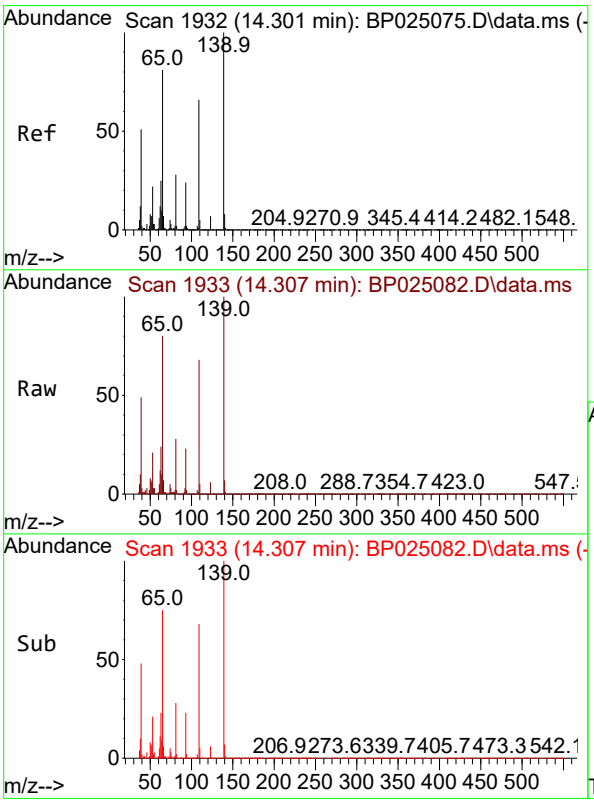
#55
Dibenzofuran
Concen: 39.500 ng
RT: 14.501 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

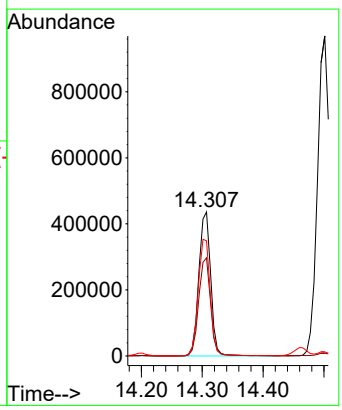


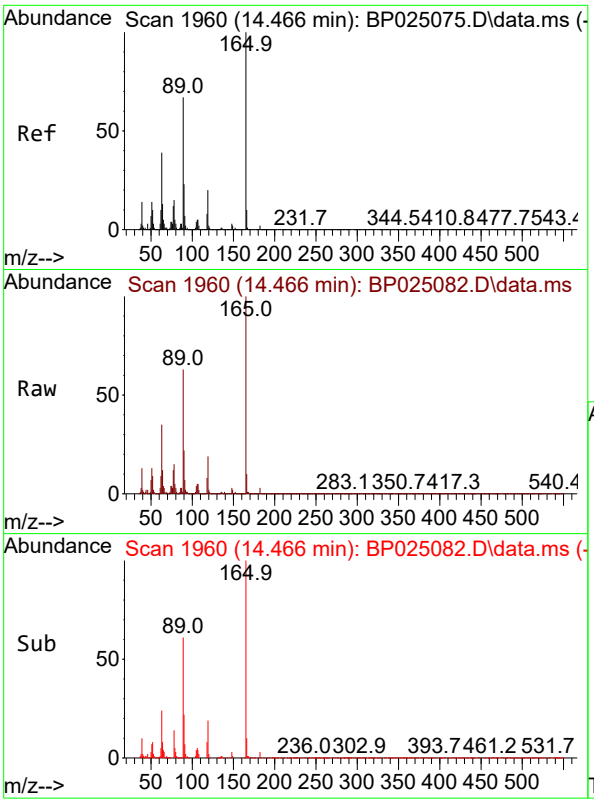


#56
4-Nitrophenol
Concen: 40.580 ng
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



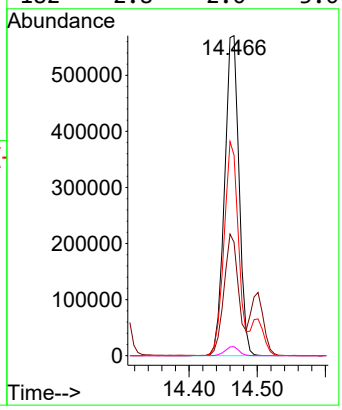


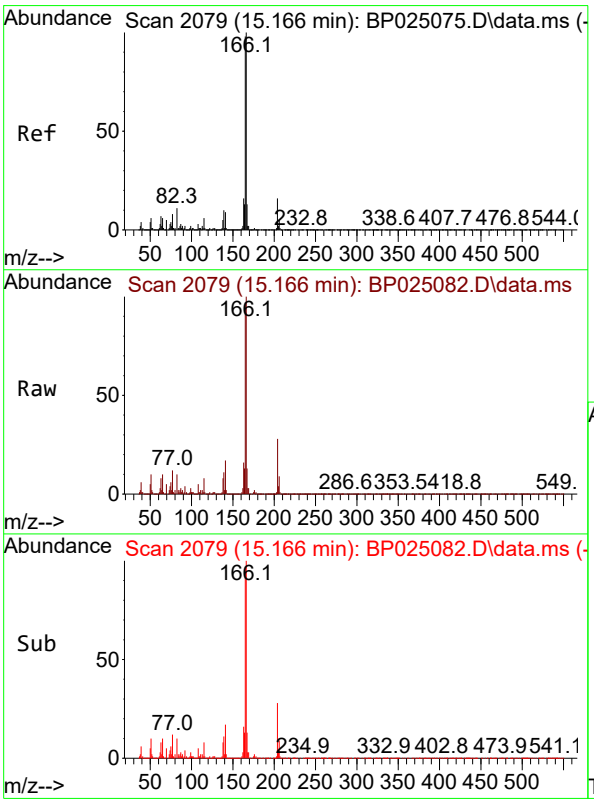
#57
2,4-Dinitrotoluene
Concen: 39.320 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

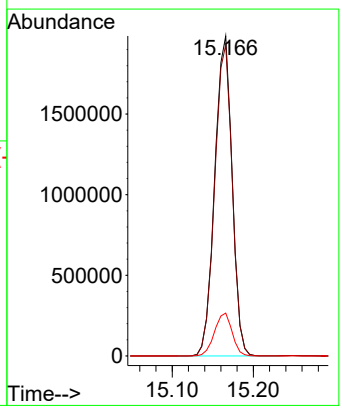


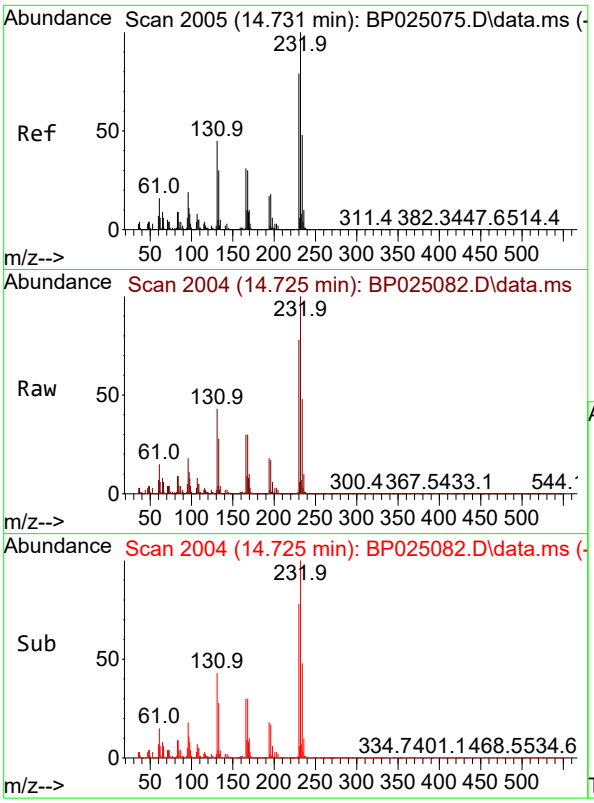


#58
Fluorene
Concen: 39.719 ng
RT: 15.166 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



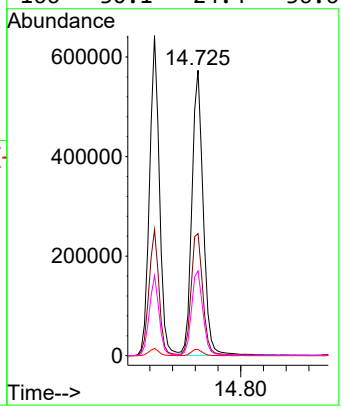


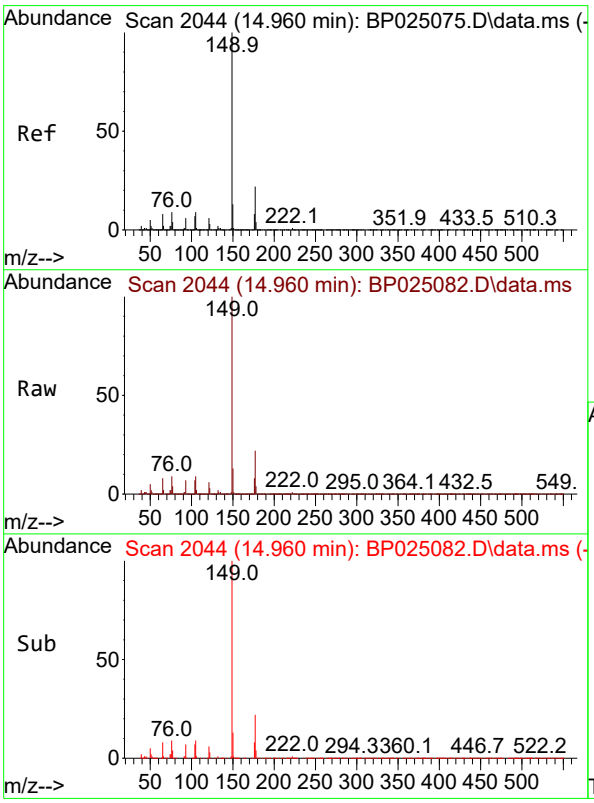
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.309 ng
RT: 14.725 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

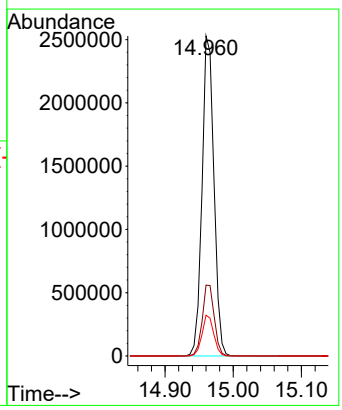


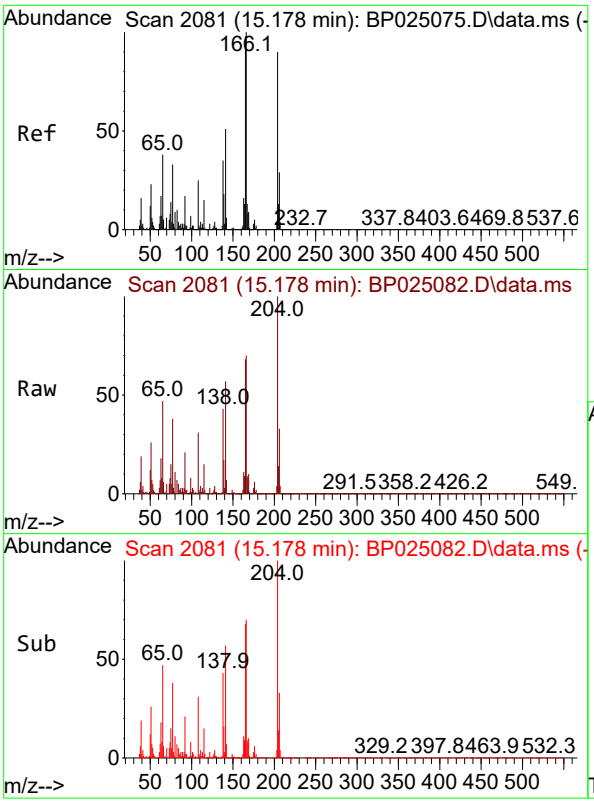


#60
Diethylphthalate
Concen: 40.419 ng
RT: 14.960 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



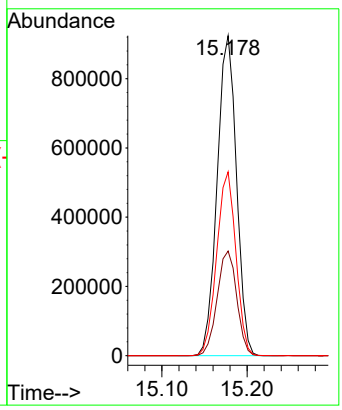


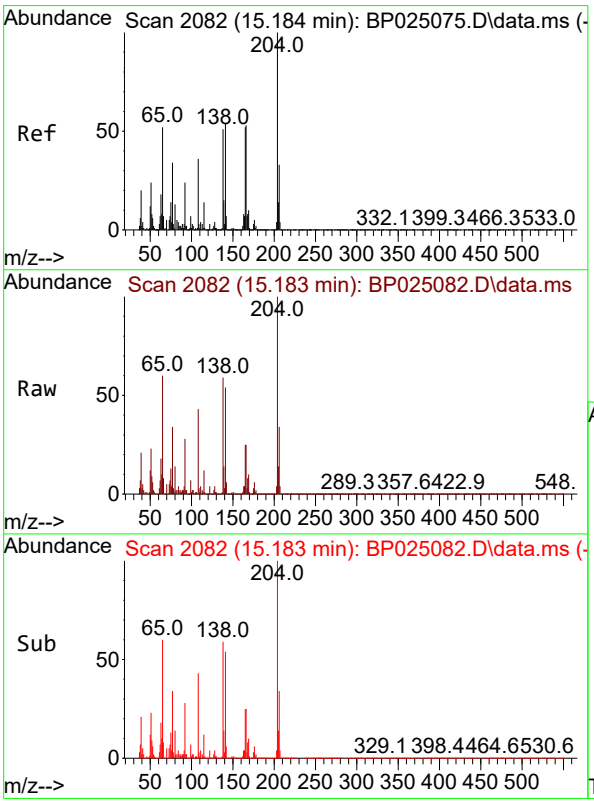
#61
4-Chlorophenyl-phenylether
Concen: 39.520 ng
RT: 15.178 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

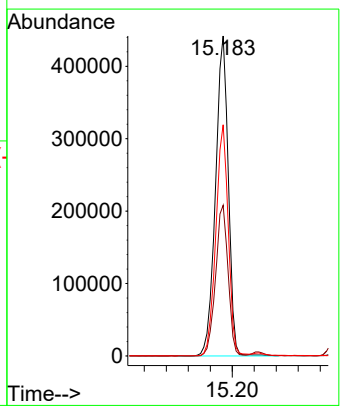


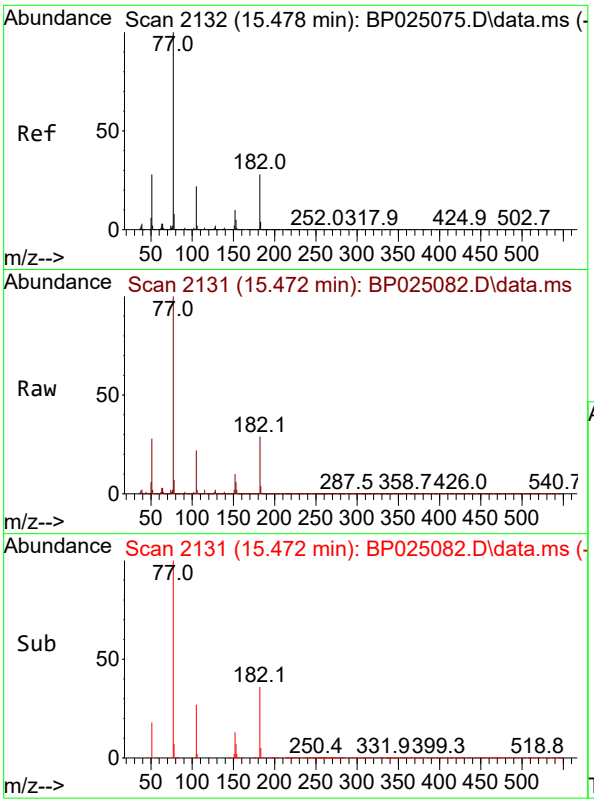


#62
4-Nitroaniline
Concen: 43.113 ng
RT: 15.183 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



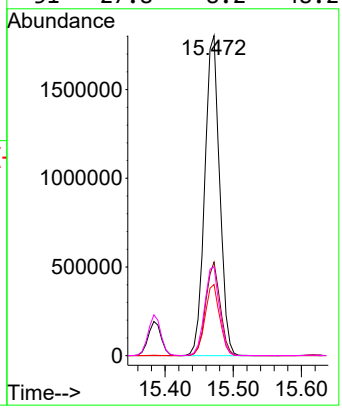


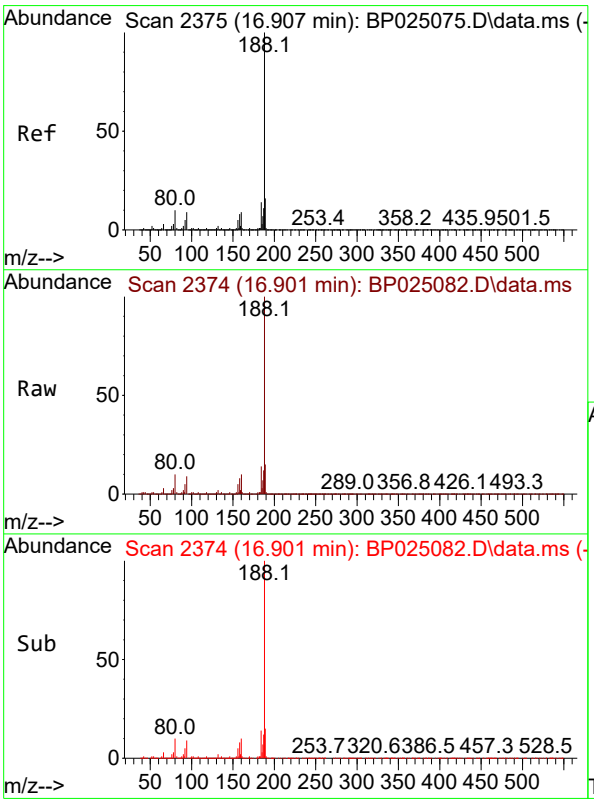
#63
Azobenzene
Concen: 40.472 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

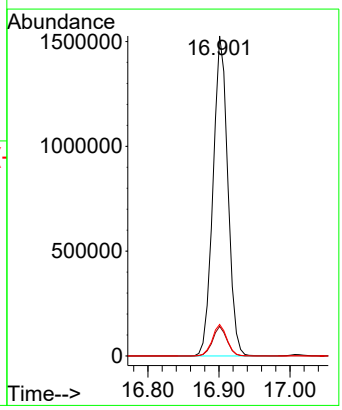


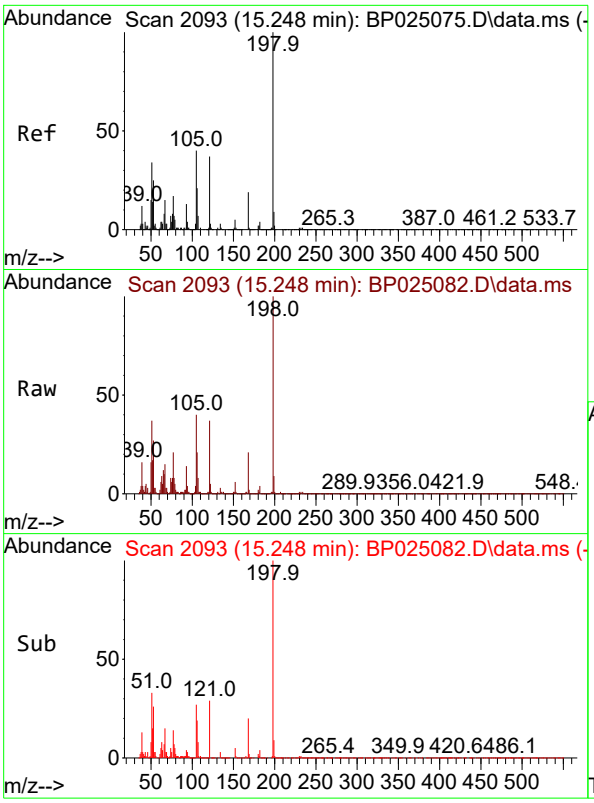


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



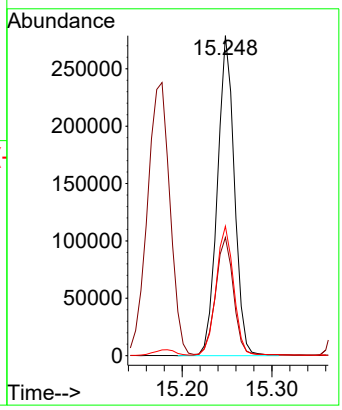


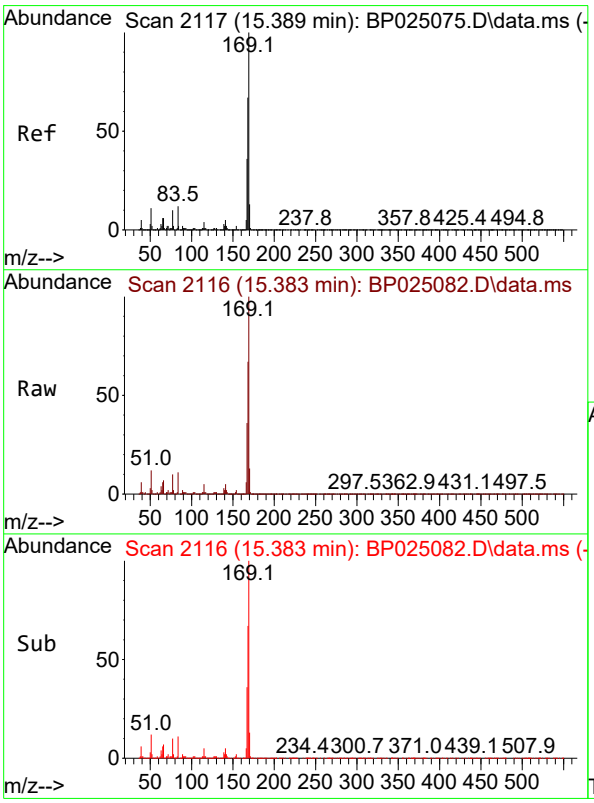
#65
4,6-Dinitro-2-methylphenol
Concen: 37.919 ng
RT: 15.248 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

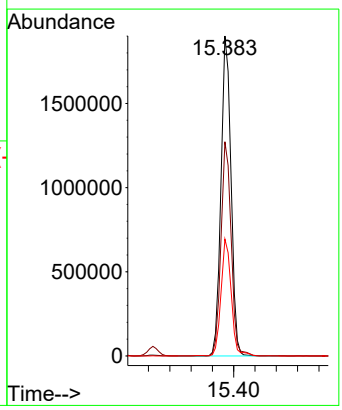


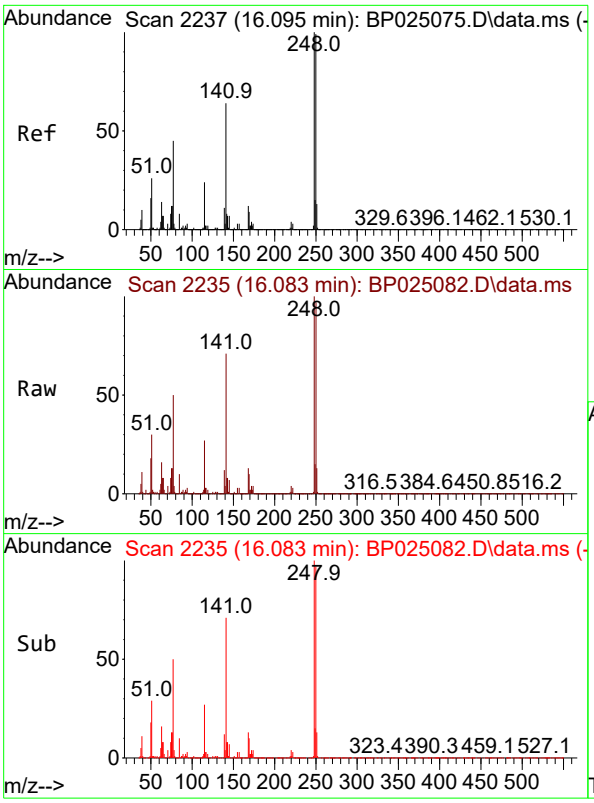


#66
n-Nitrosodiphenylamine
Concen: 39.333 ng
RT: 15.383 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



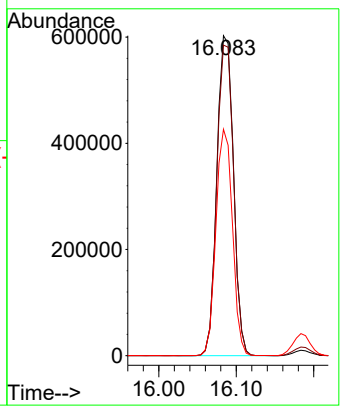


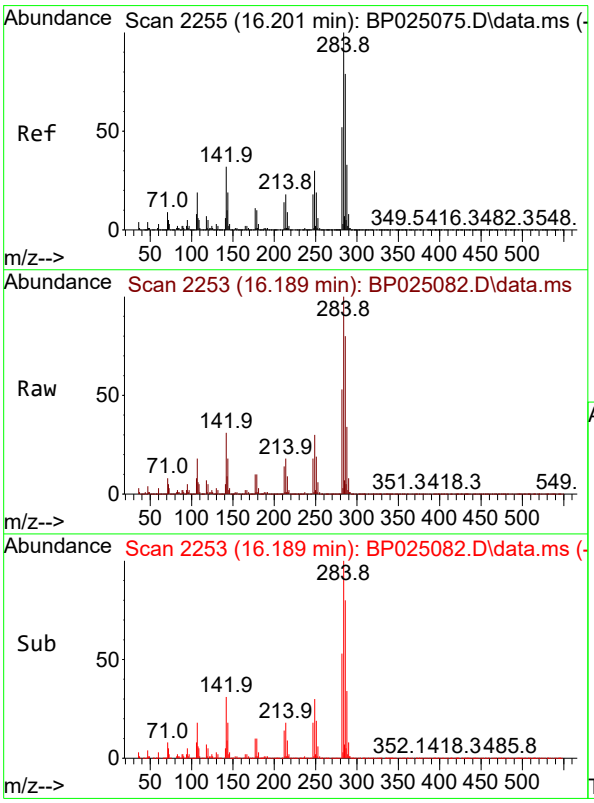
#67
4-Bromophenyl-phenylether
Concen: 39.814 ng
RT: 16.083 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

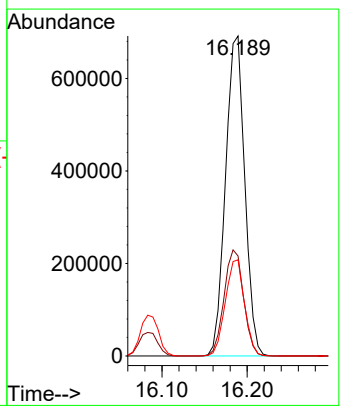


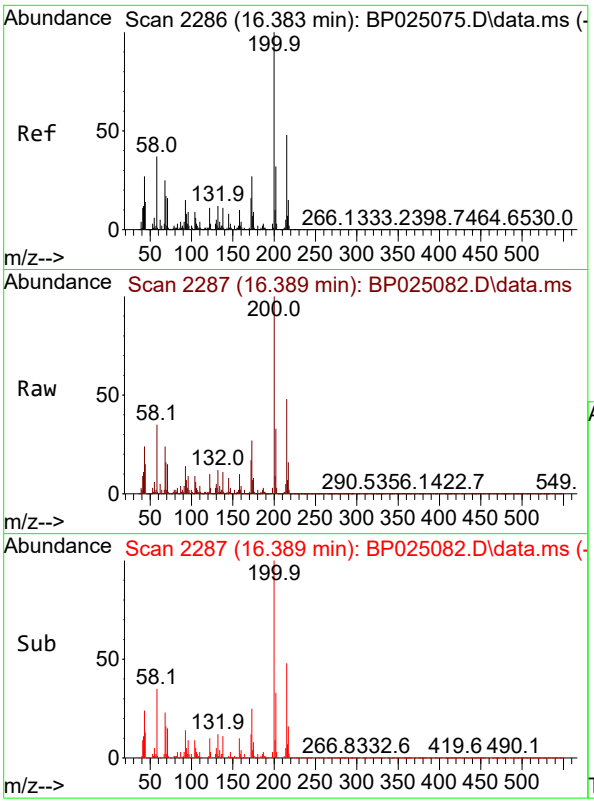


#68
Hexachlorobenzene
Concen: 39.350 ng
RT: 16.189 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



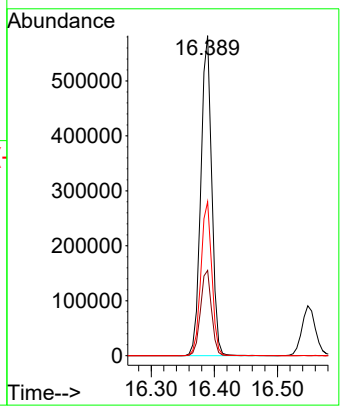


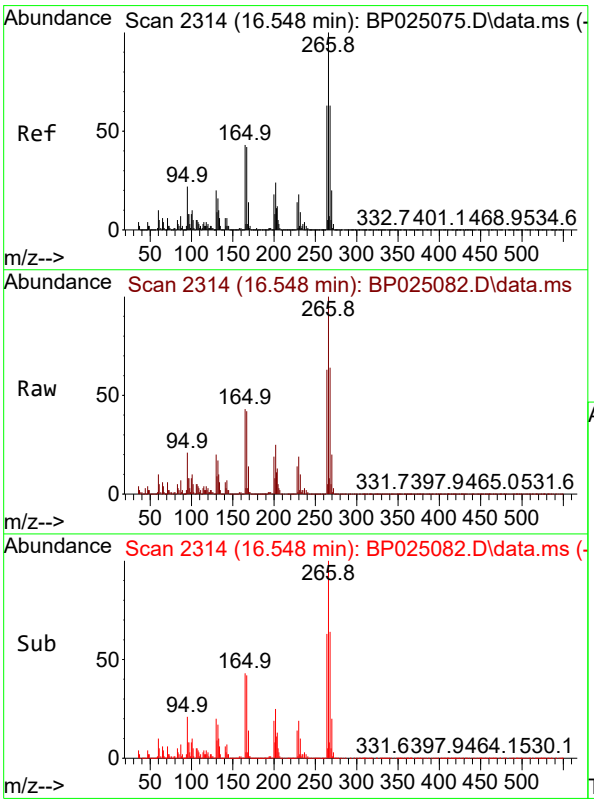
#69
Atrazine
Concen: 37.780 ng
RT: 16.389 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

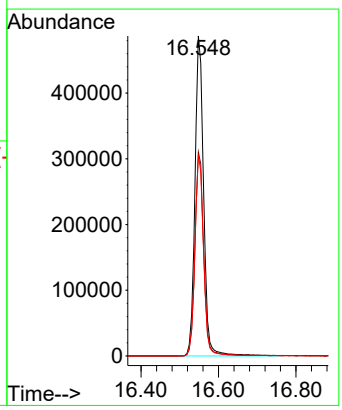


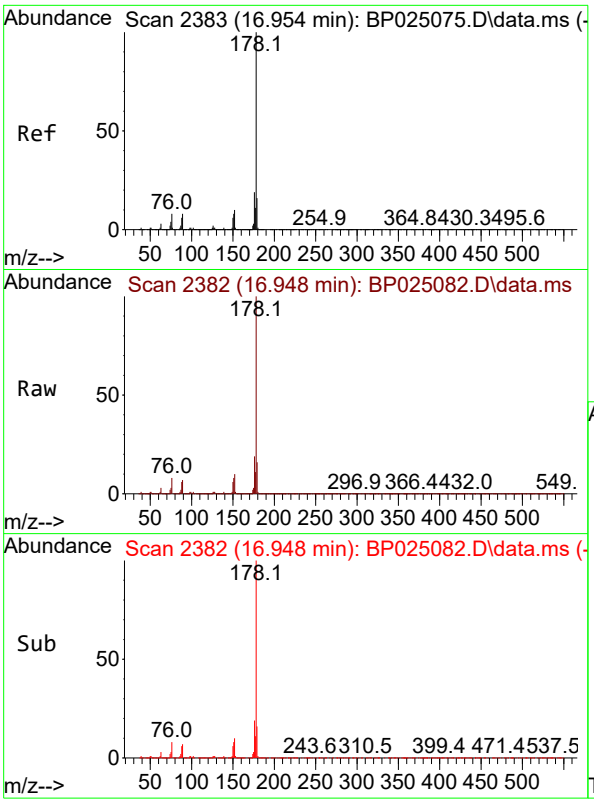


#70
Pentachlorophenol
Concen: 40.622 ng
RT: 16.548 min Scan# 2314
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



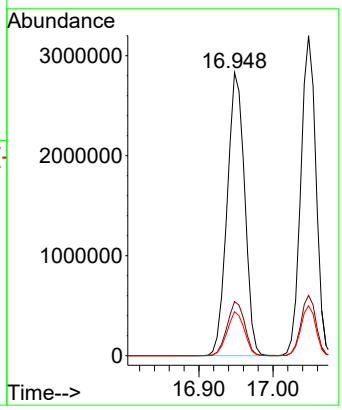


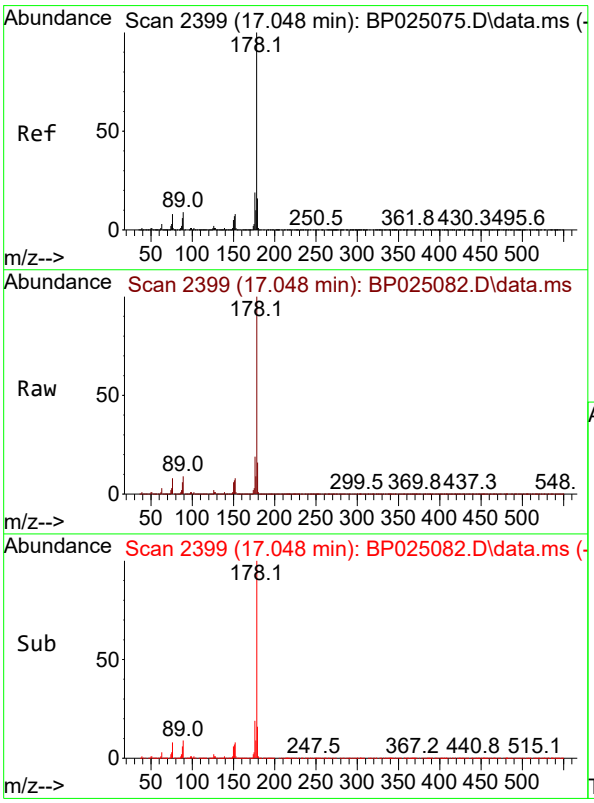
#71
Phenanthrene
Concen: 39.461 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

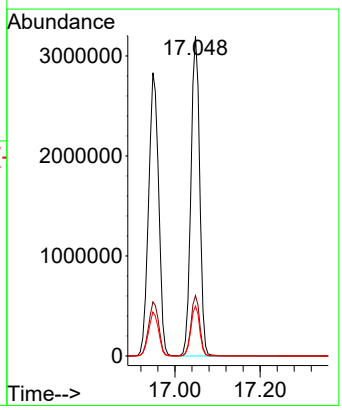


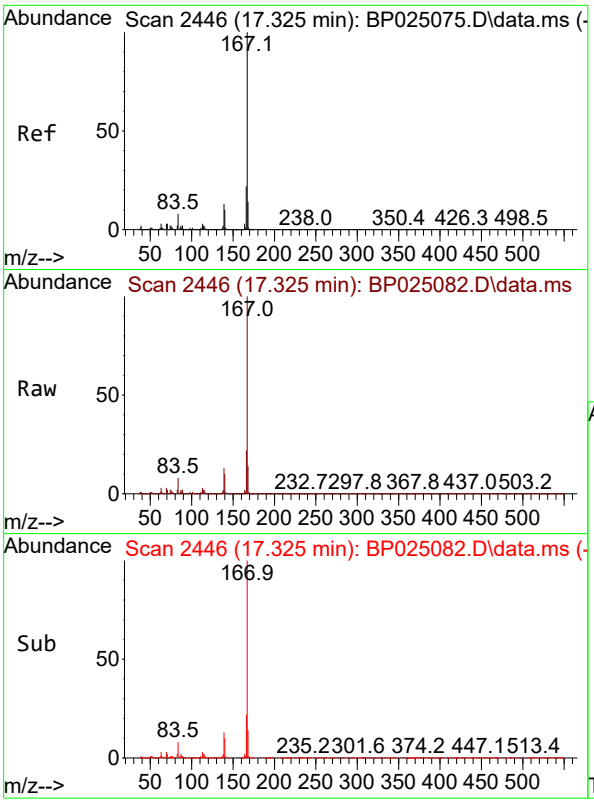


#72
Anthracene
Concen: 40.425 ng
RT: 17.048 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



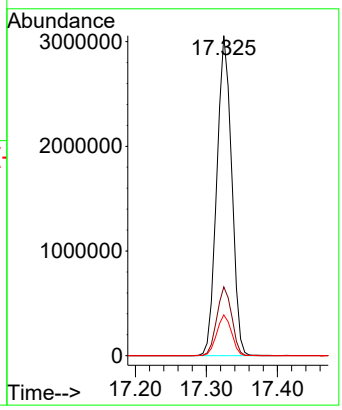


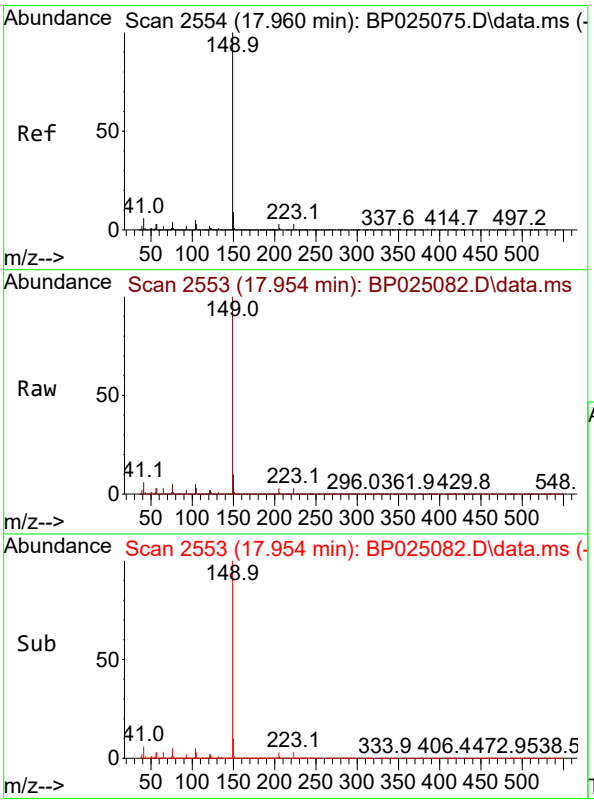
#73
Carbazole
Concen: 40.200 ng
RT: 17.325 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

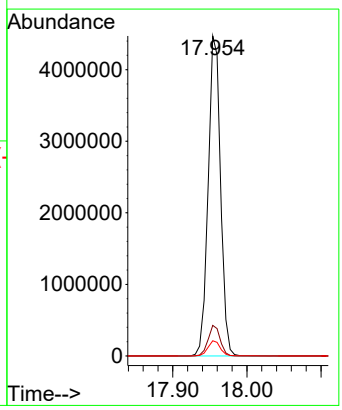


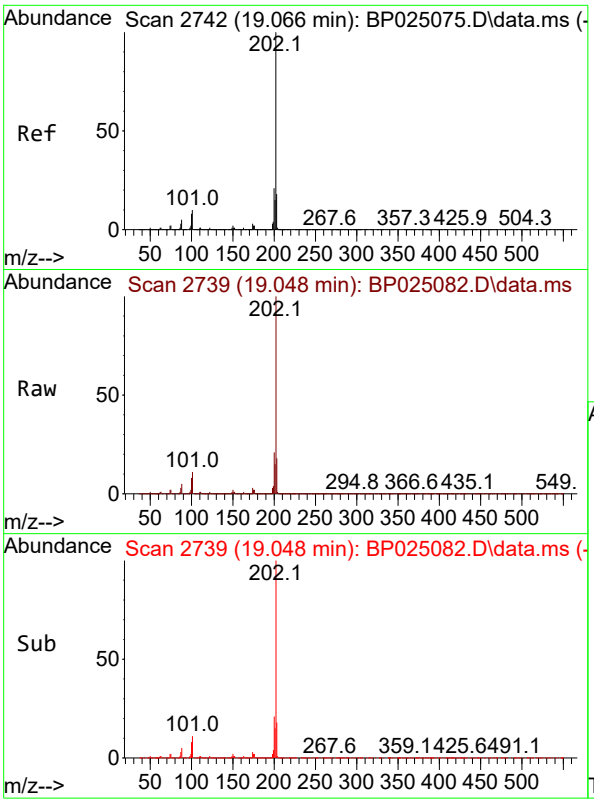


#74
Di-n-butylphthalate
Concen: 42.220 ng
RT: 17.954 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



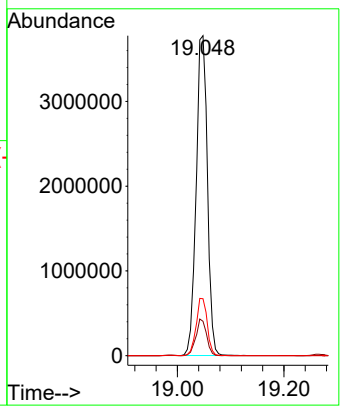


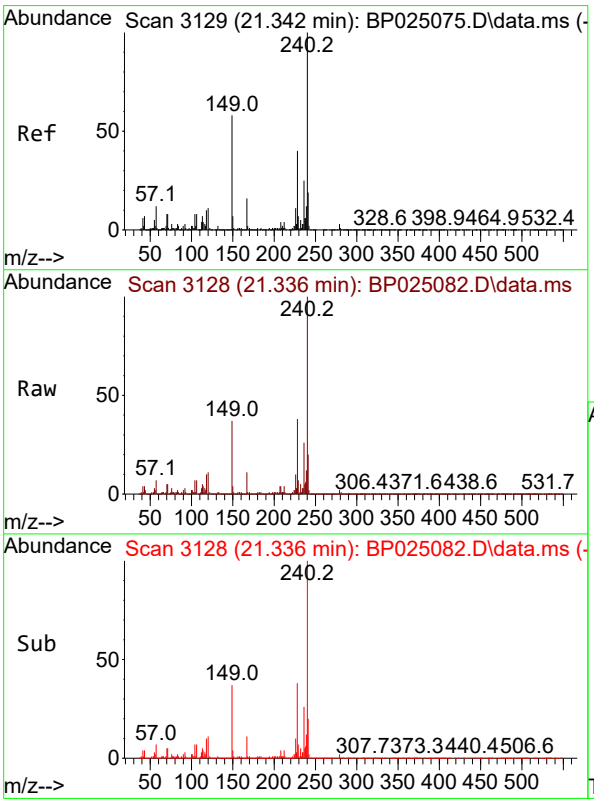
#75
Fluoranthene
Concen: 40.244 ng
RT: 19.048 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

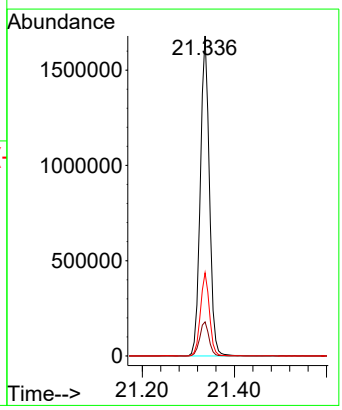


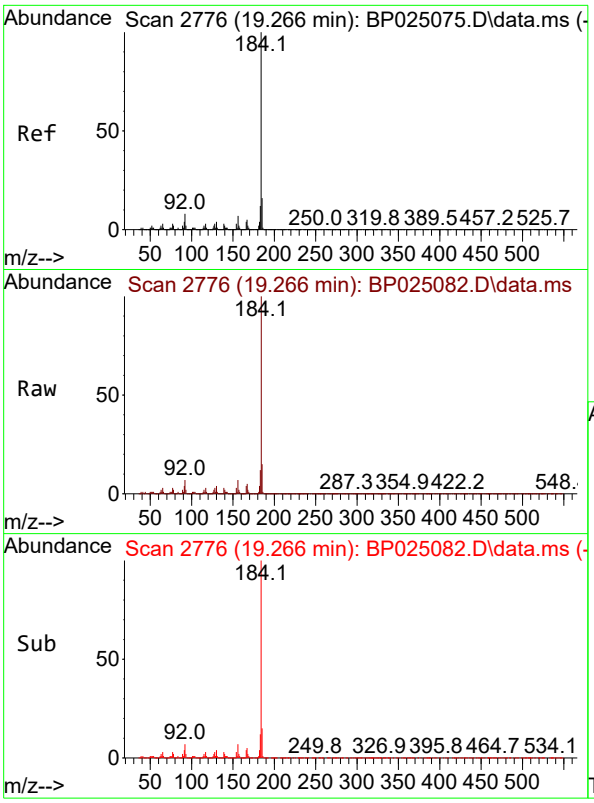


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



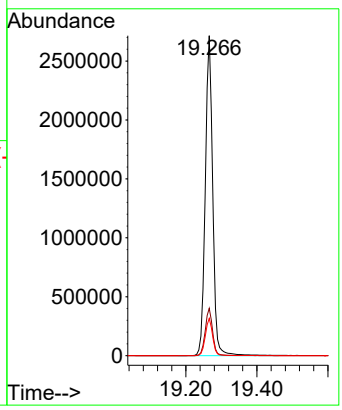


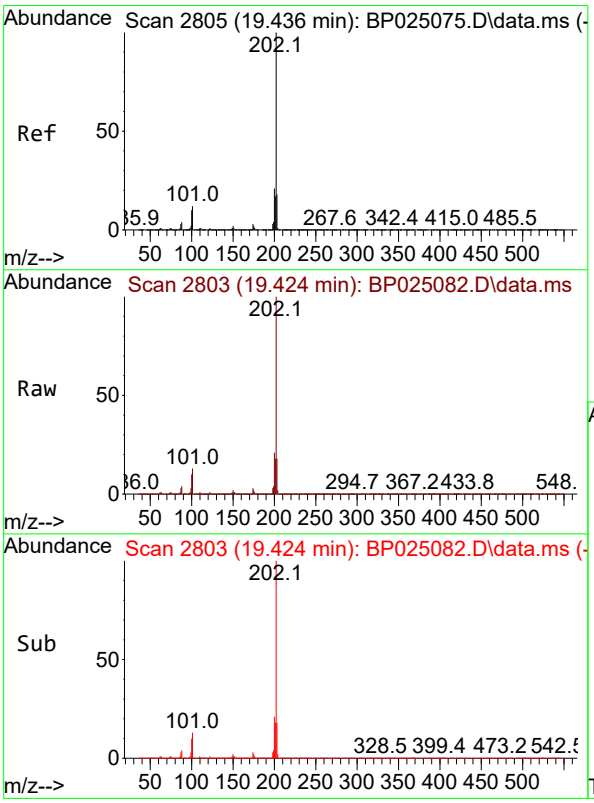
#77
Benzidine
Concen: 97.143 ng
RT: 19.266 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

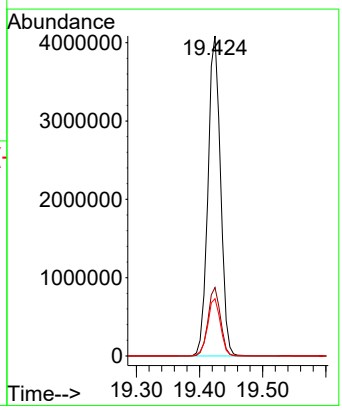


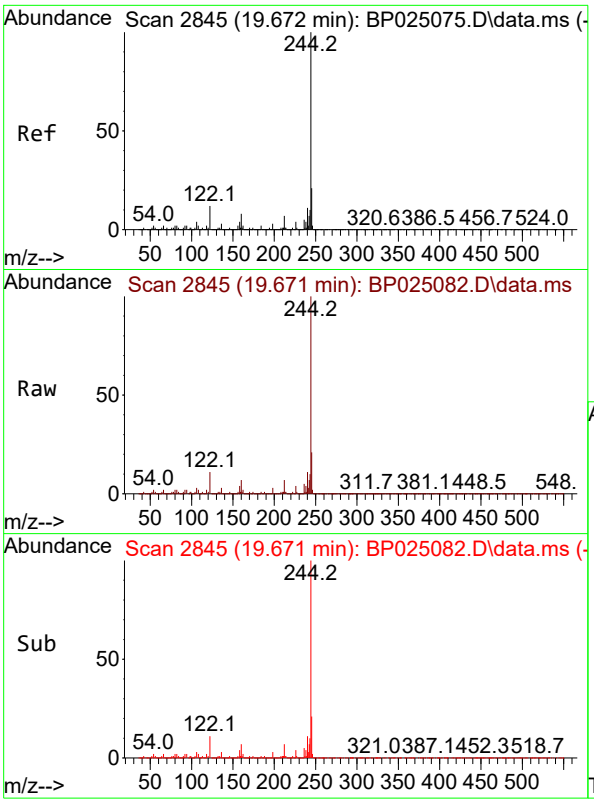


#78
Pyrene
Concen: 39.486 ng
RT: 19.424 min Scan# 2803
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



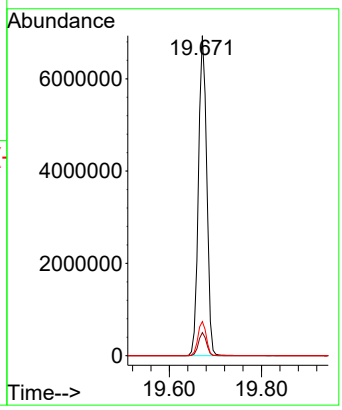


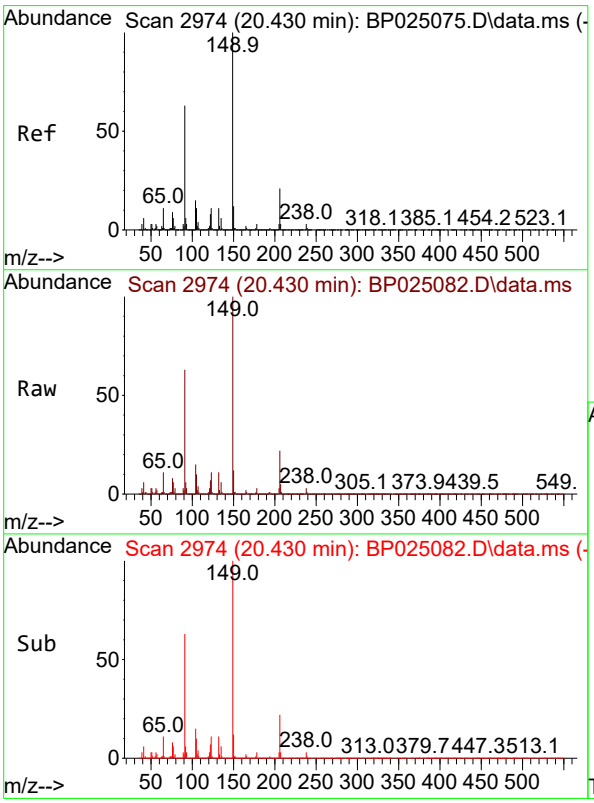
#79
Terphenyl-d14
Concen: 82.310 ng
RT: 19.671 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

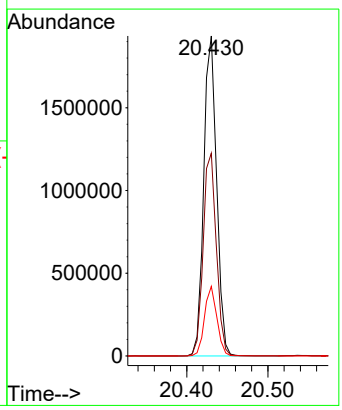


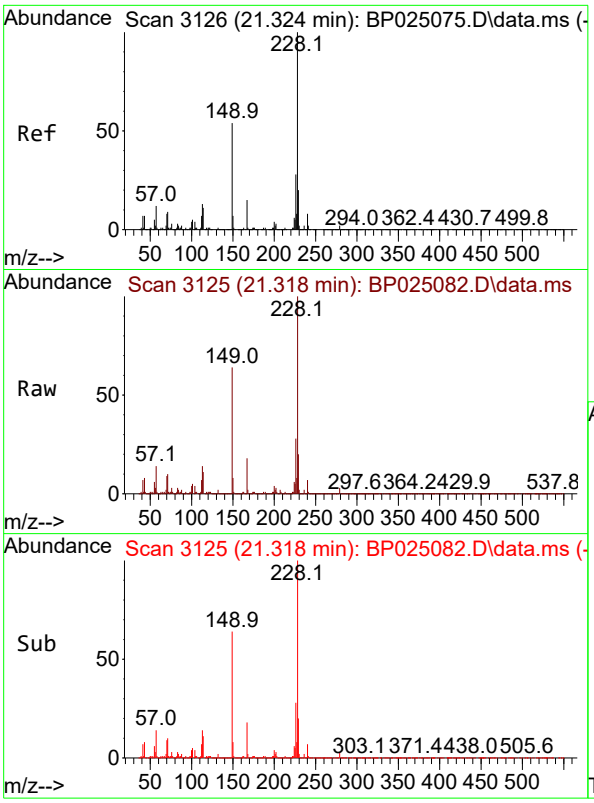


#80
Butylbenzylphthalate
Concen: 39.260 ng
RT: 20.430 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



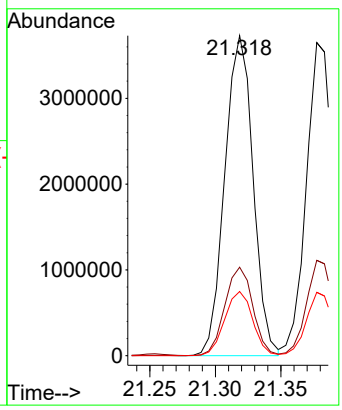


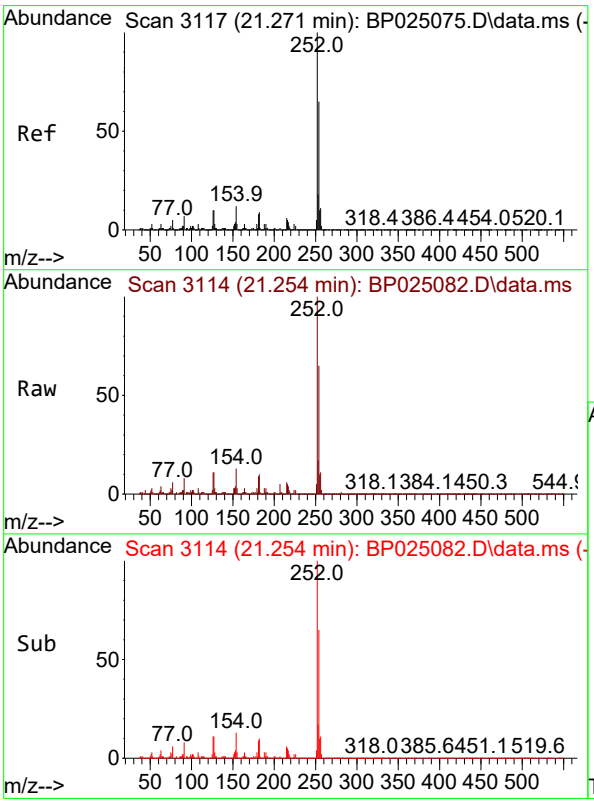
#81
Benzo(a)anthracene
Concen: 40.049 ng
RT: 21.318 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

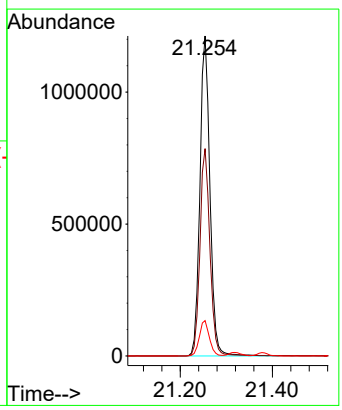


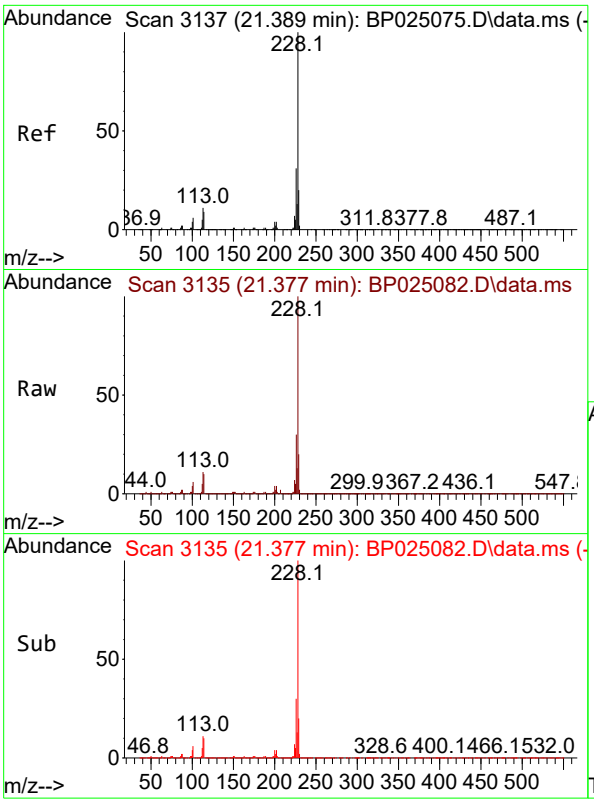


#82
3,3'-Dichlorobenzidine
Concen: 43.691 ng
RT: 21.254 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



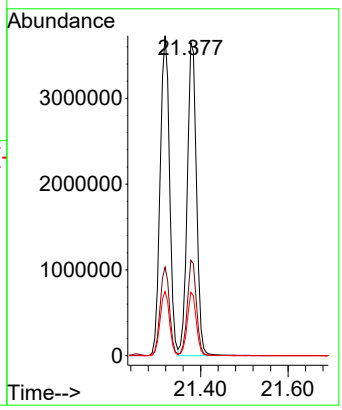


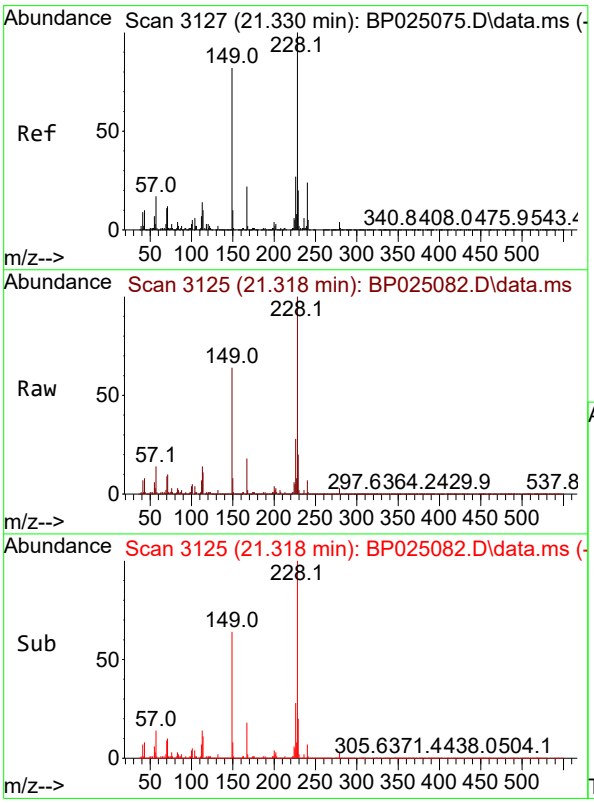
#83
Chrysene
Concen: 39.614 ng
RT: 21.377 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

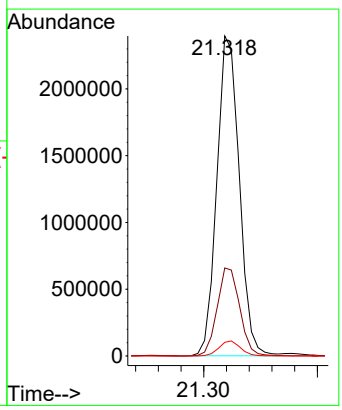


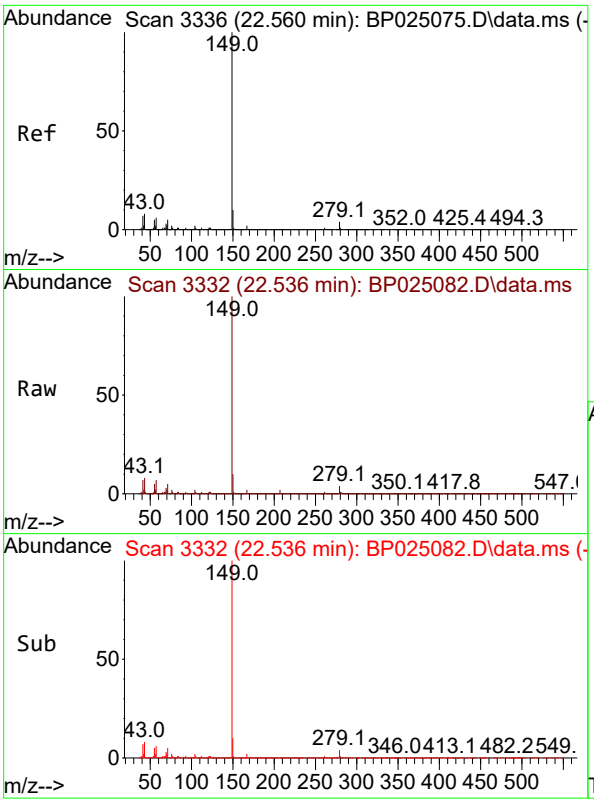


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.873 ng
RT: 21.318 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



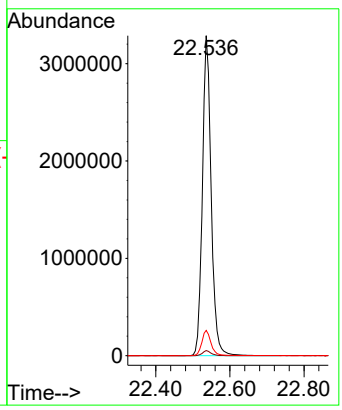


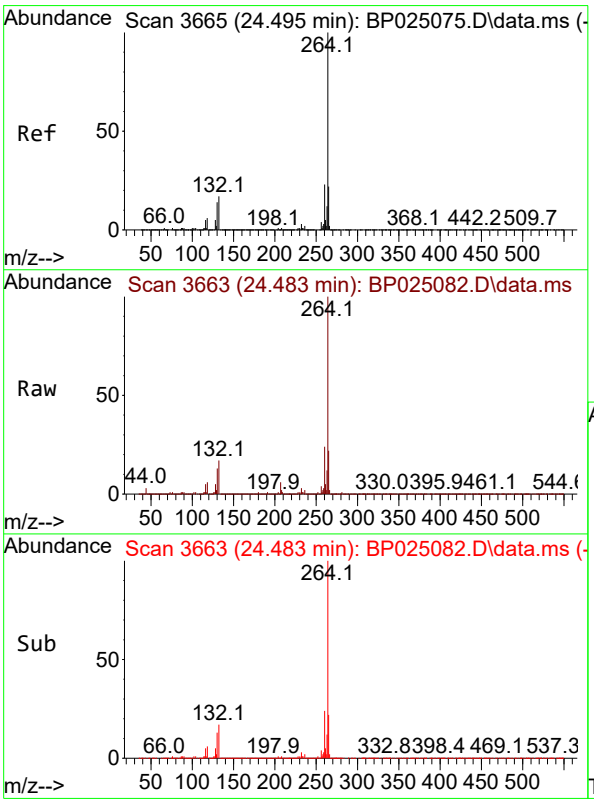
#85
Di-n-octyl phthalate
Concen: 40.328 ng
RT: 22.536 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

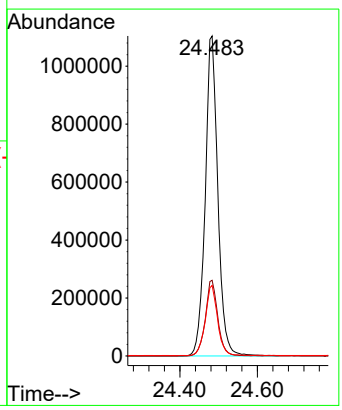


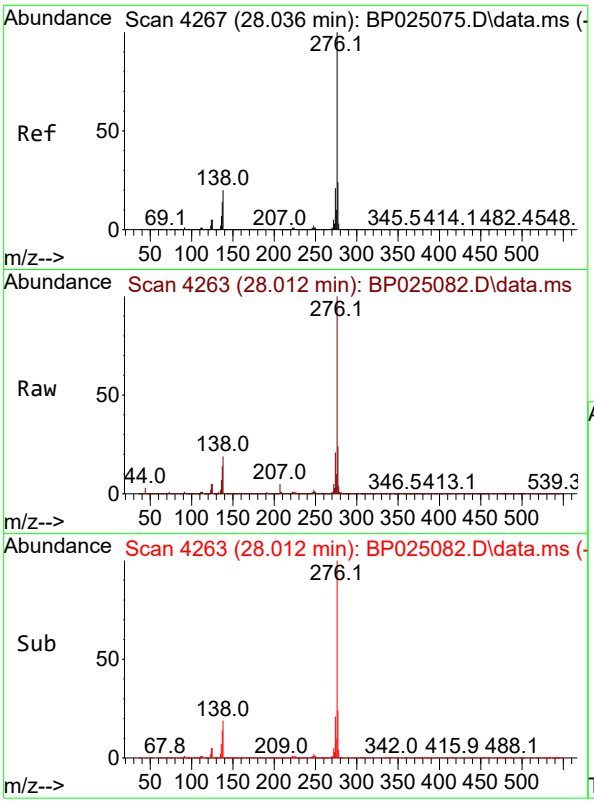


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



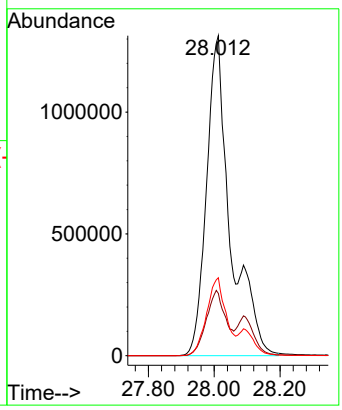


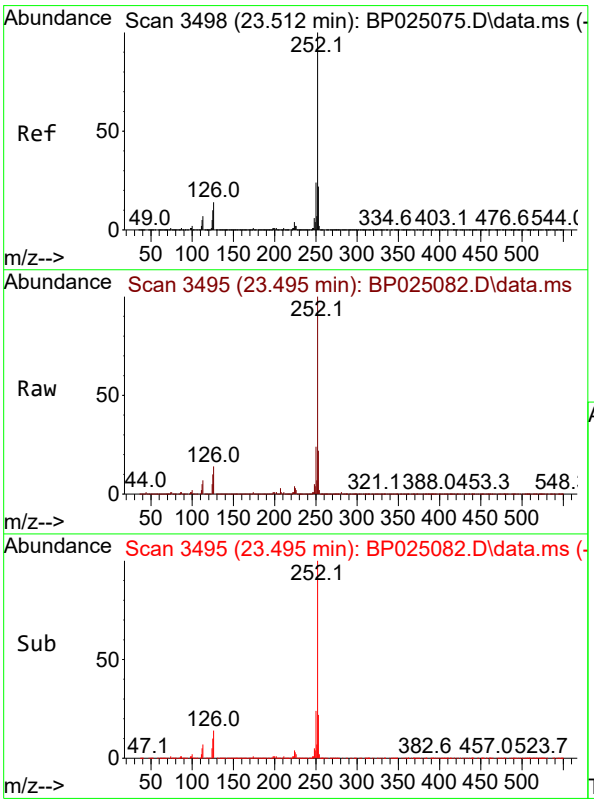
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.655 ng m
RT: 28.012 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

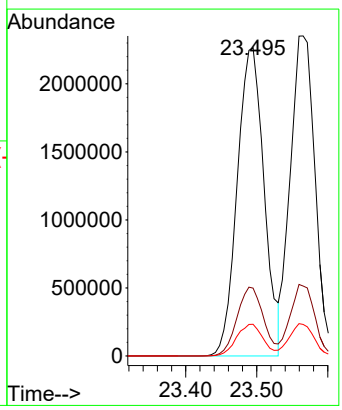


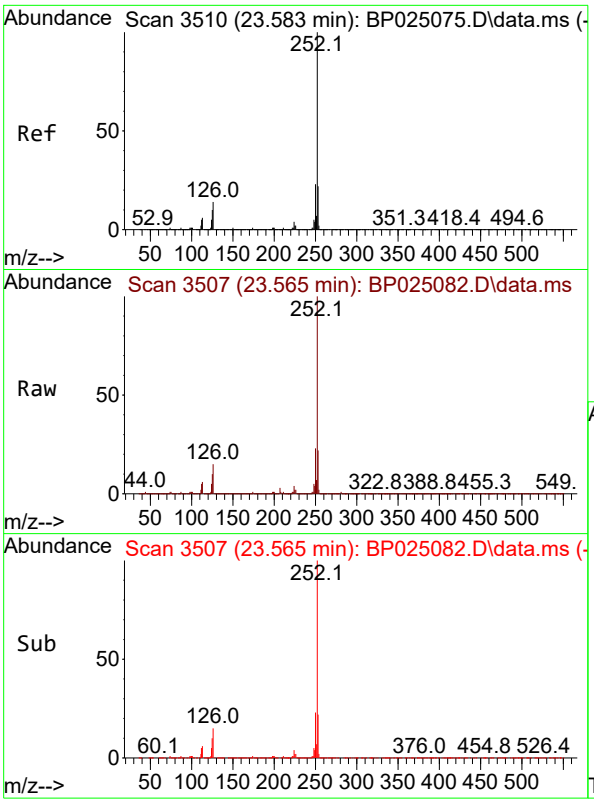


#88
Benzo(b)fluoranthene
Concen: 41.094 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



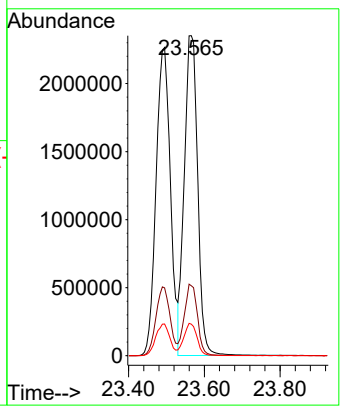


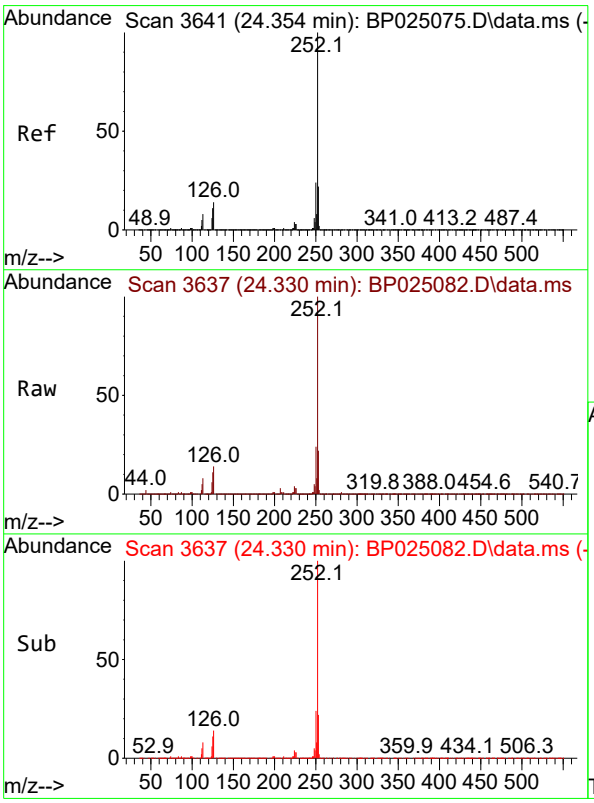
#89
Benzo(k)fluoranthene
Concen: 39.847 ng
RT: 23.565 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

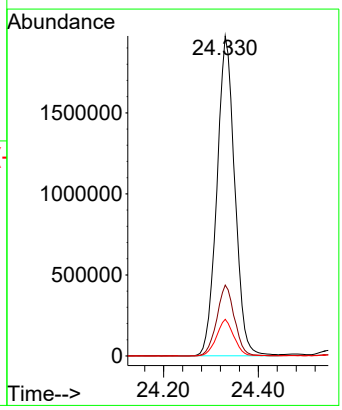


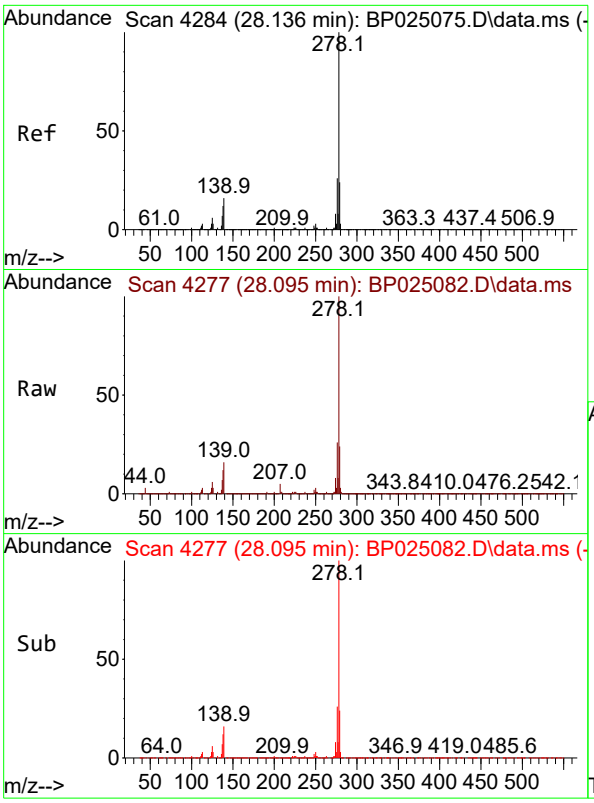


#90
Benzo(a)pyrene
Concen: 41.875 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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



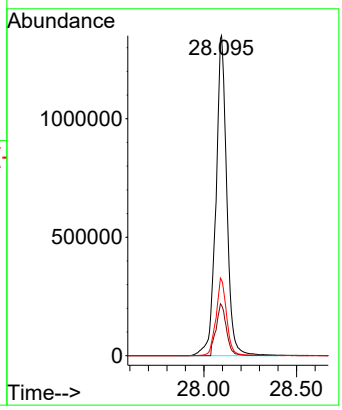


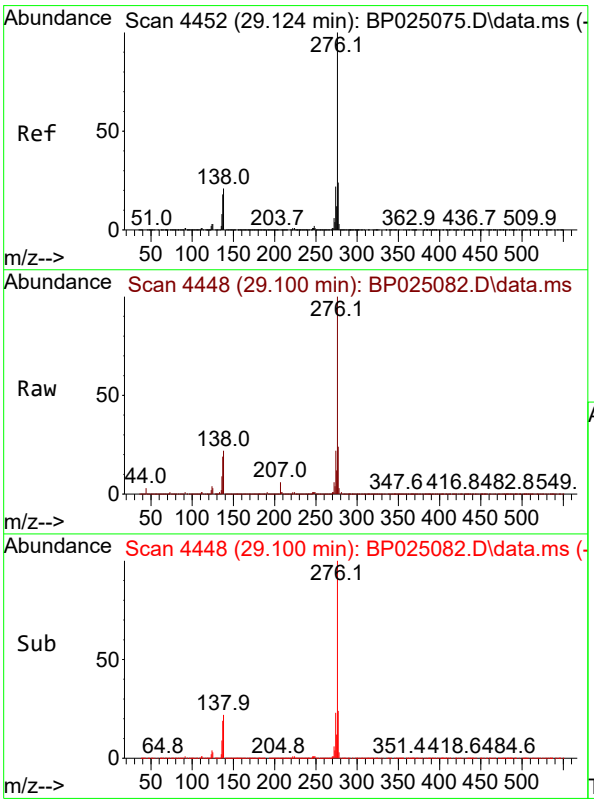
#91
Dibenzo(a,h)anthracene
Concen: 42.037 ng
RT: 28.095 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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

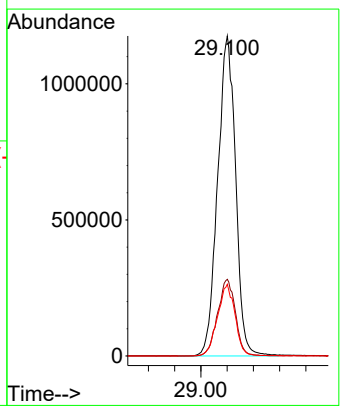




#92
Benzo(g,h,i)perylene
Concen: 41.118 ng
RT: 29.100 min Scan# 4448
Delta R.T. -0.024 min
Lab File: BP025082.D
Acq: 10 Jul 2025 14:04

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: **BP025155.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_P Calibration Date/Time: 07/16/2025 12:42

Lab File ID: BP025155.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.129	1.127		-0.2	
Benzaldehyde	0.769	0.625		-18.7	
Phenol-d6	1.473	1.456		-1.2	
Phenol	1.497	1.451		-3.1	20.0
bis(2-Chloroethyl)ether	1.152	1.106		-4.0	
2-Chlorophenol	1.263	1.281		1.4	
2-Methylphenol	0.964	0.980		1.7	
2,2-oxybis(1-Chloropropane)	1.498	1.353		-9.7	
Acetophenone	0.473	0.462		-2.3	
3+4-Methylphenols	1.350	1.353		0.2	
n-Nitroso-di-n-propylamine	0.874	0.858	0.050	-1.8	
Nitrobenzene-d5	0.301	0.315		4.7	
Hexachloroethane	0.466	0.474		1.7	
Nitrobenzene	0.306	0.312		2.0	
Isophorone	0.562	0.566		0.7	
2-Nitrophenol	0.128	0.181		41.4	20.0
2,4-Dimethylphenol	0.210	0.215		2.4	
bis(2-Chloroethoxy)methane	0.382	0.379		-0.8	
2,4-Dichlorophenol	0.291	0.318		9.3	20.0
Naphthalene	1.030	1.012		-1.7	
4-Chloroaniline	0.384	0.391		1.8	
Hexachlorobutadiene	0.185	0.194		4.9	20.0
Caprolactam	0.099	0.105		6.1	
4-Chloro-3-methylphenol	0.304	0.323		6.3	20.0
2-Methylnaphthalene	0.727	0.726		-0.1	
Hexachlorocyclopentadiene	0.150	0.183	0.050	22.0	
2,4,6-Trichlorophenol	0.348	0.402		15.5	20.0
2-Fluorobiphenyl	1.291	1.243		-3.7	
2,4,5-Trichlorophenol	0.394	0.436		10.7	
1,1-Biphenyl	1.455	1.427		-1.9	
2-Chloronaphthalene	1.094	1.096		0.2	
2-Nitroaniline	0.237	0.281		18.6	
Dimethylphthalate	1.400	1.424		1.7	
Acenaphthylene	1.674	1.681		0.4	
2,6-Dinitrotoluene	0.273	0.307		12.5	
3-Nitroaniline	0.293	0.331		13.0	
Acenaphthene	1.079	1.056		-2.1	20.0
2,4-Dinitrophenol	0.114	0.172	0.050	50.9	
4-Nitrophenol	0.270	0.298	0.050	10.4	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG No.: Q2529

Instrument ID: BNA_P Calibration Date/Time: 07/16/2025 12:42

Lab File ID: BP025155.D Init. Calib. Date(s): 07/03/2025 07/03/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:39 14:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.781	1.741		-2.2	
2,4-Dinitrotoluene	0.356	0.420		18.0	
Diethylphthalate	1.406	1.422		1.1	
4-Chlorophenyl-phenylether	0.682	0.683		0.1	
Fluorene	1.377	1.344		-2.4	
4-Nitroaniline	0.307	0.349		13.7	
4,6-Dinitro-2-methylphenol	0.082	0.120		46.3	
n-Nitrosodiphenylamine	0.572	0.589		3.0	20.0
2,4,6-Tribromophenol	0.236	0.289		22.5	
4-Bromophenyl-phenylether	0.205	0.226		10.2	
Hexachlorobenzene	0.250	0.266		6.4	
Atrazine	0.168	0.189		12.5	
Pentachlorophenol	0.169	0.198		17.2	20.0
Phenanthrene	1.069	1.030		-3.6	
Anthracene	1.025	1.026		0.1	
Carbazole	1.002	0.998		-0.4	
Di-n-butylphthalate	1.116	1.239		11.0	
Fluoranthene	1.249	1.254		0.4	20.0
Pyrene	1.239	1.265		2.1	
Terphenyl-d14	0.910	0.912		0.2	
Butylbenzylphthalate	0.402	0.541		34.6	
3,3-Dichlorobenzidine	0.365	0.456		24.9	
Benzo(a)anthracene	1.212	1.209		-0.2	
Chrysene	1.166	1.138		-2.4	
Bis(2-ethylhexyl)phthalate	0.650	0.792		21.8	
Di-n-octyl phthalate	1.054	1.357		28.7	20.0
Benzo(b)fluoranthene	1.164	1.147		-1.5	
Benzo(k)fluoranthene	1.158	1.093		-5.6	
Benzo(a)pyrene	0.991	1.020		2.9	20.0
Indeno(1,2,3-cd)pyrene	1.274	1.358		6.6	
Dibenzo(a,h)anthracene	1.053	1.127		7.0	
Benzo(g,h,i)perylene	1.088	1.140		4.8	
1,2,4,5-Tetrachlorobenzene	0.575	0.598		4.0	
1,4-Dioxane	0.439	0.407		-7.3	20.0
2,3,4,6-Tetrachlorophenol	0.357	0.403		12.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	564997	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2237579	20.000	ng	0.01
39) Acenaphthene-d10	14.095	164	1465074	20.000	ng	0.00
64) Phenanthrene-d10	16.930	188	2922940	20.000	ng	0.02
76) Chrysene-d12	21.360	240	2997869	20.000	ng	0.02
86) Perylene-d12	24.501	264	3472368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2547882	79.902	ng	0.00
7) Phenol-d6	6.637	99	3291152	79.090	ng	0.00
23) Nitrobenzene-d5	8.572	82	2820767	83.838	ng	0.00
42) 2,4,6-Tribromophenol	15.631	330	1691627	97.740	ng	0.01
45) 2-Fluorobiphenyl	12.695	172	7286089	77.043	ng	0.00
79) Terphenyl-d14	19.677	244	10940897	80.210	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	459705	37.074	ng	98
3) Pyridine	3.490	79	1295219	38.154	ng	98
4) n-Nitrosodimethylamine	3.408	42	512069	35.626	ng	90
6) Aniline	6.784	93	1528083	39.303	ng	99
8) 2-Chlorophenol	7.019	128	1447361	40.568	ng	98
9) Benzaldehyde	6.602	77	706028	32.488	ng	96
10) Phenol	6.666	94	1639681	38.780	ng	96
11) bis(2-Chloroethyl)ether	6.884	93	1250129	38.418	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1568447	39.280	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1602132	39.630	ng	99
14) 1,2-Dichlorobenzene	7.784	146	1522581	39.152	ng	99
15) Benzyl Alcohol	7.678	79	1127395	40.592	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1528381	36.122	ng	98
17) 2-Methylphenol	7.884	107	1107049	40.646	ng	99
18) Hexachloroethane	8.502	117	535091	40.630	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	969360	39.280	ng	97
20) 3+4-Methylphenols	8.207	107	1528669	40.071	ng	98
22) Acetophenone	8.243	105	2066167	39.045	ng	98
24) Nitrobenzene	8.613	77	1395349	40.716	ng	94
25) Isophorone	9.143	82	2532667	40.280	ng	99
26) 2-Nitrophenol	9.313	139	810527	48.687	ng	96
27) 2,4-Dimethylphenol	9.390	122	960958	40.971	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1695445	39.712	ng	98
29) 2,4-Dichlorophenol	9.854	162	1422094	43.726	ng	98
30) 1,2,4-Trichlorobenzene	10.060	180	1482294	41.157	ng	99
31) Naphthalene	10.249	128	4529753	39.315	ng	99
32) Benzoic acid	9.543	122	1191237	50.471	ng	94
33) 4-Chloroaniline	10.348	127	1749419	40.686	ng	98
34) Hexachlorobutadiene	10.543	225	868186	42.006	ng	99
35) Caprolactam	11.143	113	468089	42.071	ng	94
36) 4-Chloro-3-methylphenol	11.501	107	1445852	42.541	ng	99
37) 2-Methylnaphthalene	11.872	142	3249124	39.967	ng	100
38) 1-Methylnaphthalene	12.090	142	3163495	39.900	ng	100
40) 1,2,4,5-Tetrachloroben...	12.254	216	1752724	41.626	ng	99
41) Hexachlorocyclopentadiene	12.243	237	536542	48.784	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1179026	46.244	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

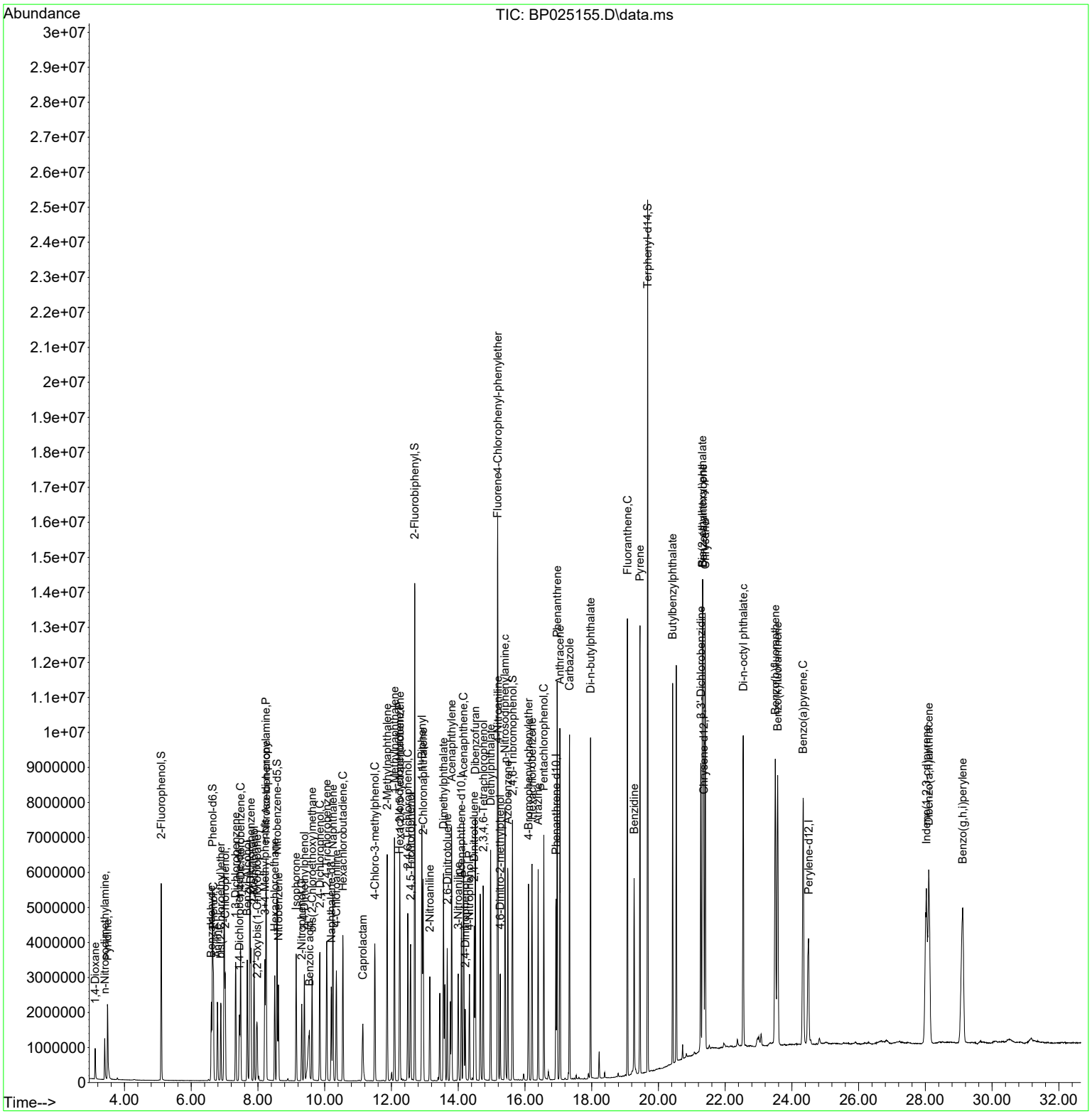
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1276875	44.191	ng	98
46) 1,1'-Biphenyl	12.913	154	4181055	39.223	ng	99
47) 2-Chloronaphthalene	12.948	162	3210239	40.068	ng	100
48) 2-Nitroaniline	13.148	65	822809	42.274	ng	94
49) Acenaphthylene	13.801	152	4926382	40.174	ng	100
50) Dimethylphthalate	13.560	163	4171124	40.672	ng	99
51) 2,6-Dinitrotoluene	13.672	165	899288	44.961	ng	94
52) Acenaphthene	14.160	154	3094975	39.159	ng	99
53) 3-Nitroaniline	14.001	138	969923	45.249	ng	99
54) 2,4-Dinitrophenol	14.213	184	503837	53.458	ng	92
55) Dibenzofuran	14.513	168	5100382	39.103	ng	99
56) 4-Nitrophenol	14.337	139	872559	44.110	ng	96
57) 2,4-Dinitrotoluene	14.478	165	1229754	42.228	ng	93
58) Fluorene	15.178	166	3939328	39.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.754	232	1182265	45.184	ng	95
60) Diethylphthalate	14.972	149	4165539	40.440	ng	99
61) 4-Chlorophenyl-phenyle...	15.184	204	2000871	40.075	ng	98
62) 4-Nitroaniline	15.195	138	1022502	45.492	ng	96
63) Azobenzene	15.484	77	3419319	37.279	ng	97
65) 4,6-Dinitro-2-methylph...	15.260	198	703358	52.312	ng	91
66) n-Nitrosodiphenylamine	15.401	169	3443735	41.168	ng	99
67) 4-Bromophenyl-phenylether	16.107	248	1320894	44.136	ng	98
68) Hexachlorobenzene	16.213	284	1555286	42.517	ng	93
69) Atrazine	16.395	200	1102501	44.978	ng	99
70) Pentachlorophenol	16.566	266	1159837	46.949	ng	99
71) Phenanthrene	16.966	178	6022930	38.563	ng	99
72) Anthracene	17.048	178	5998866	40.035	ng	100
73) Carbazole	17.336	167	5833948	39.821	ng	99
74) Di-n-butylphthalate	17.966	149	7240637	44.381	ng	99
75) Fluoranthene	19.072	202	7332841	40.166	ng	99
77) Benzidine	19.272	184	3039209	57.401	ng	98
78) Pyrene	19.448	202	7585115	40.850	ng	100
80) Butylbenzylphthalate	20.424	149	3246304	45.579	ng	99
81) Benzo(a)anthracene	21.336	228	7249296	39.902	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2734732	50.003	ng	100
83) Chrysene	21.401	228	6824902	39.037	ng	100
84) Bis(2-ethylhexyl)phtha...	21.319	149	4748475	48.728	ng	98
85) Di-n-octyl phthalate	22.542	149	8135393	45.843	ng	97
87) Indeno(1,2,3-cd)pyrene	28.030	276	9428099m	42.621	ng	
88) Benzo(b)fluoranthene	23.501	252	7966965	39.419	ng	100
89) Benzo(k)fluoranthene	23.571	252	7588345	37.735	ng	99
90) Benzo(a)pyrene	24.336	252	7086765	41.198	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	7827780	42.809	ng	98
92) Benzo(g,h,i)perylene	29.118	276	7916064	41.908	ng	99

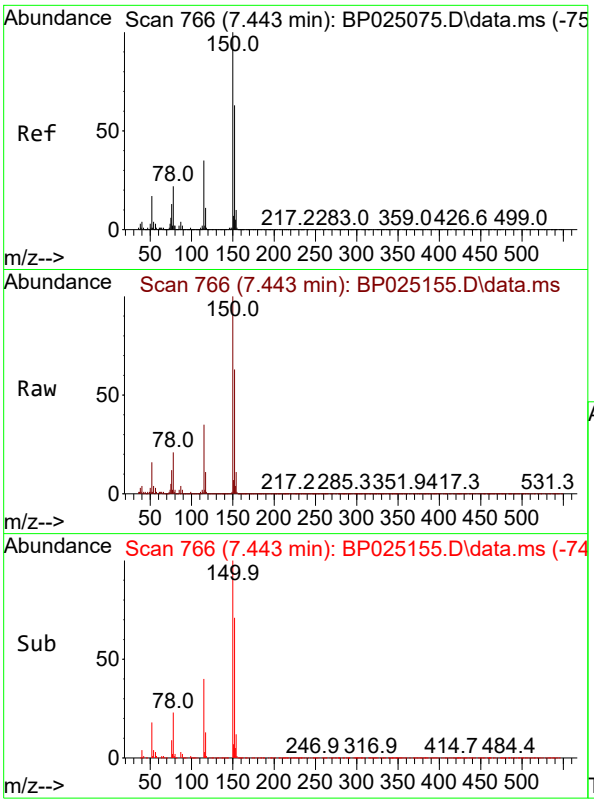
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



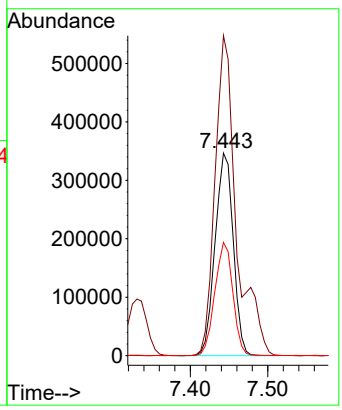


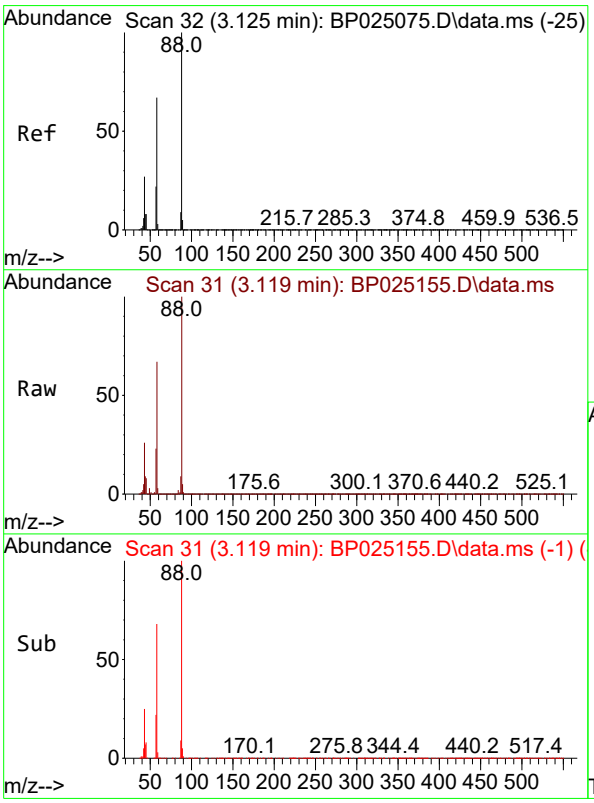
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 564997

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.1	189.1
115	55.9	44.3	66.5

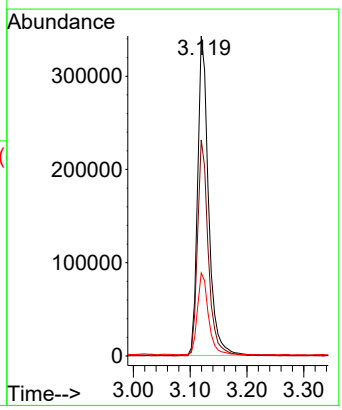


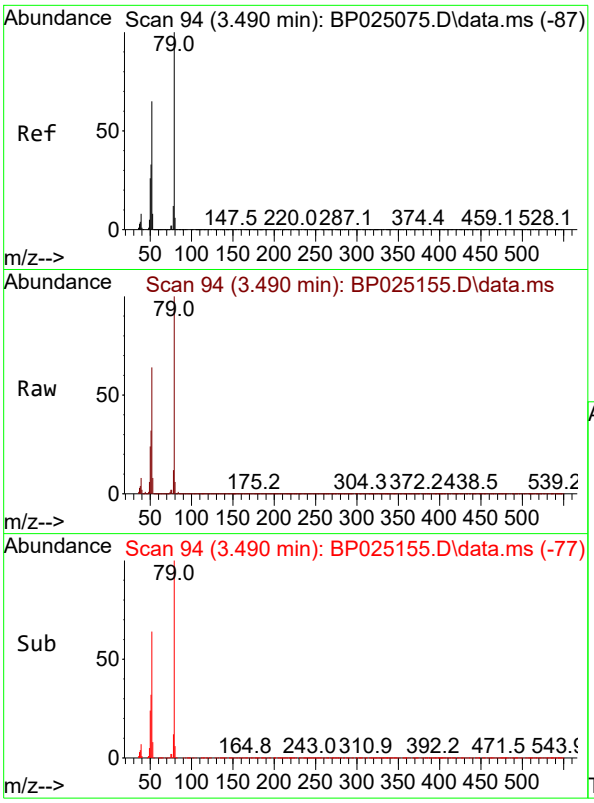


#2
1,4-Dioxane
Concen: 37.074 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 88 Resp: 459705

Ion	Ratio	Lower	Upper
88	100		
58	67.2	55.0	82.4
43	26.0	21.9	32.9



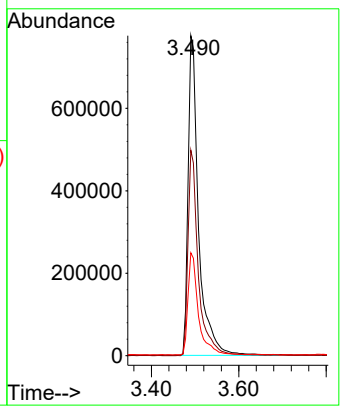


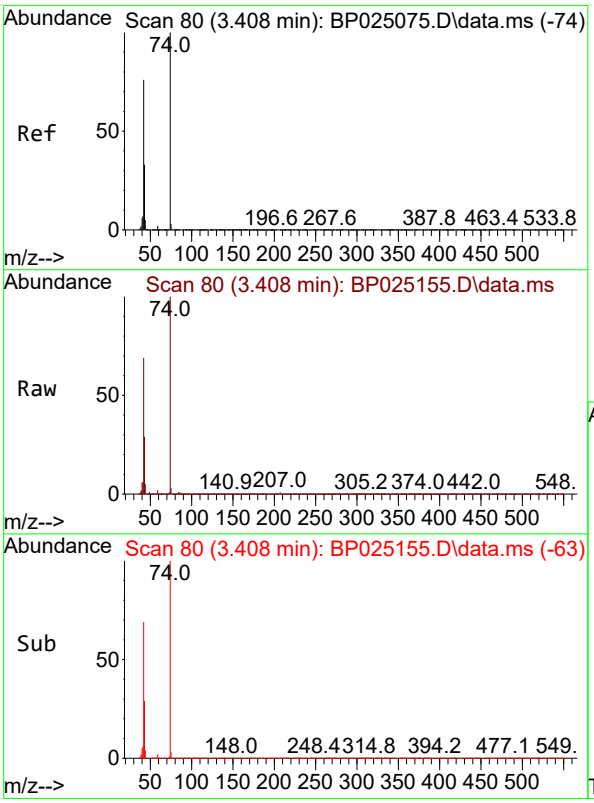
#3
Pyridine
Concen: 38.154 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1295219

Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.2	78.4
51	32.2	26.8	40.2

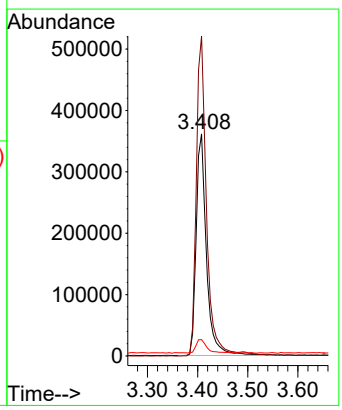


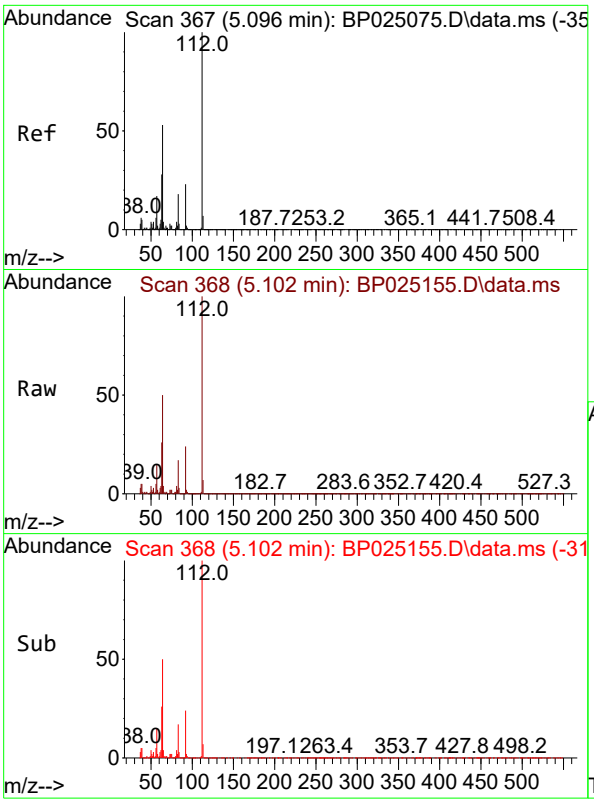


#4
n-Nitrosodimethylamine
Concen: 35.626 ng
RT: 3.408 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 42 Resp: 512069

Ion	Ratio	Lower	Upper
42	100		
74	144.0	105.2	157.8
44	7.4	6.6	9.8



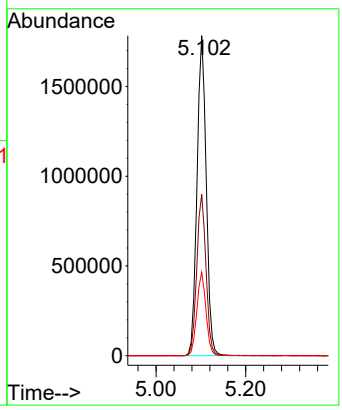


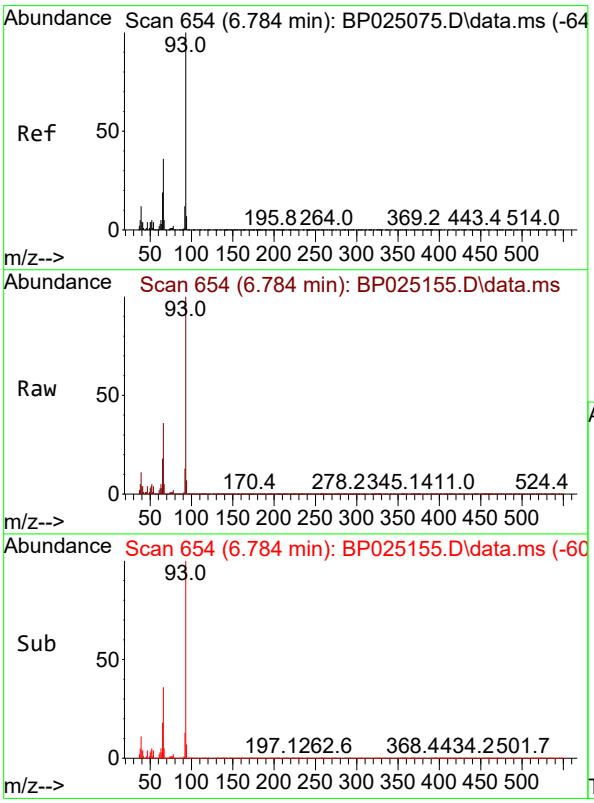
#5
2-Fluorophenol
Concen: 79.902 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 2547882

Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.0	63.0
63	26.1	22.2	33.2

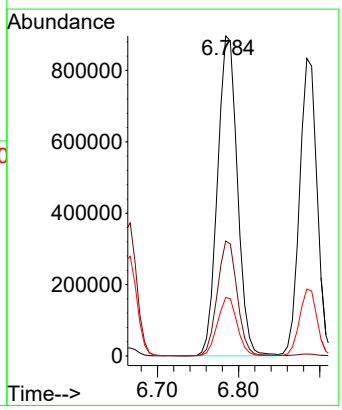


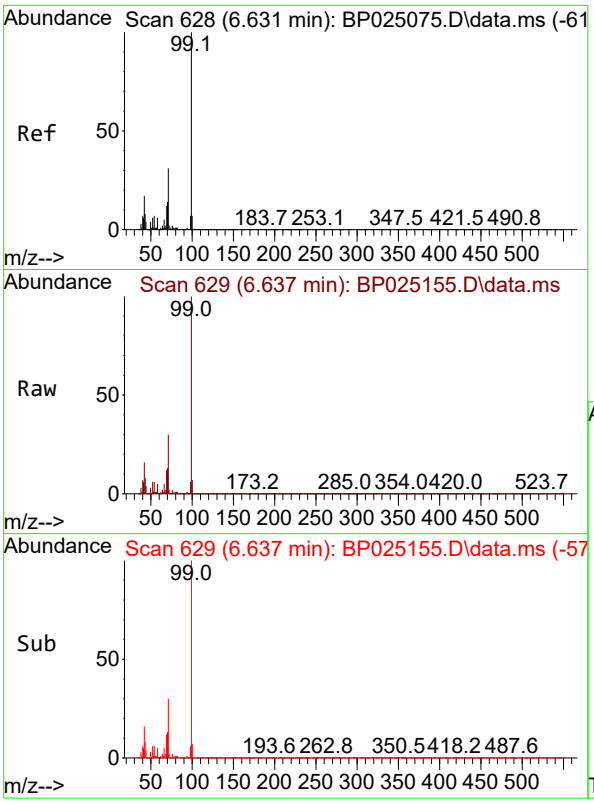


#6
Aniline
Concen: 39.303 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 93 Resp: 1528083

Ion	Ratio	Lower	Upper
93	100		
66	35.9	28.9	43.3
65	18.3	15.2	22.8



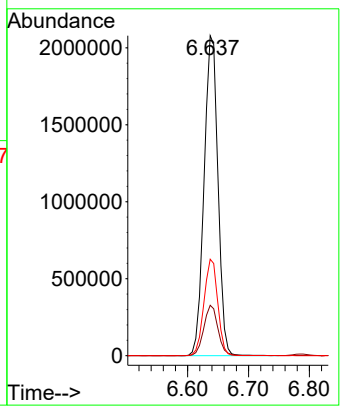


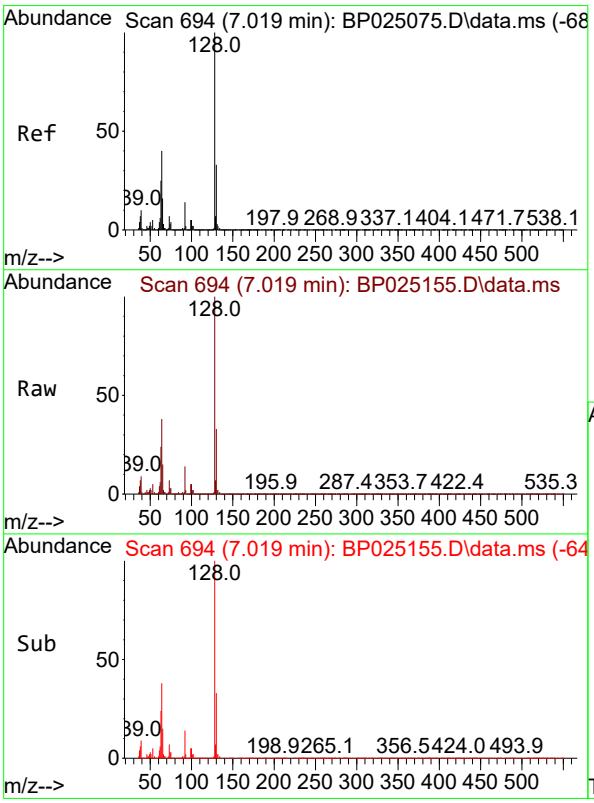
#7
Phenol-d6
Concen: 79.090 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 3291152

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.6	20.4
71	30.1	24.4	36.6

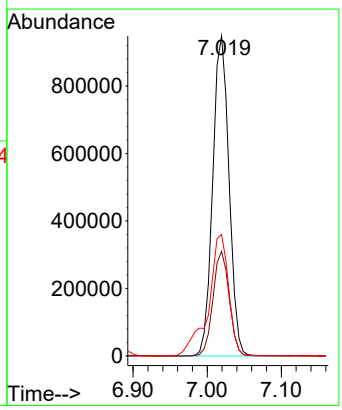


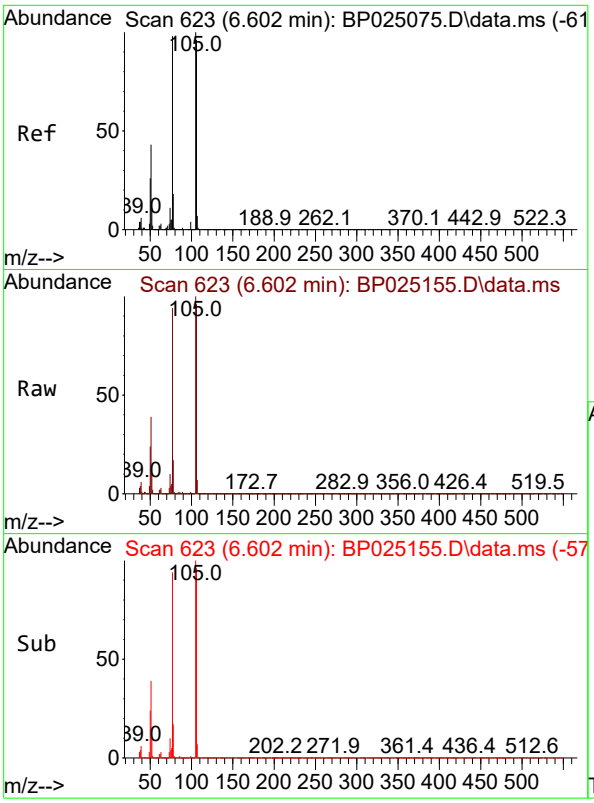


#8
2-Chlorophenol
Concen: 40.568 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:128 Resp: 1447361

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	38.0	20.3	60.3



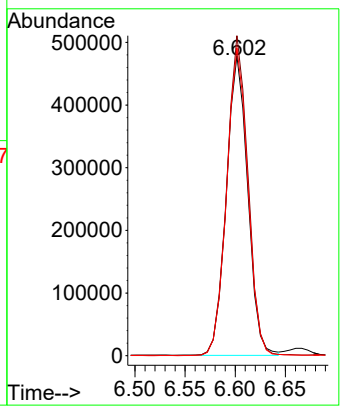


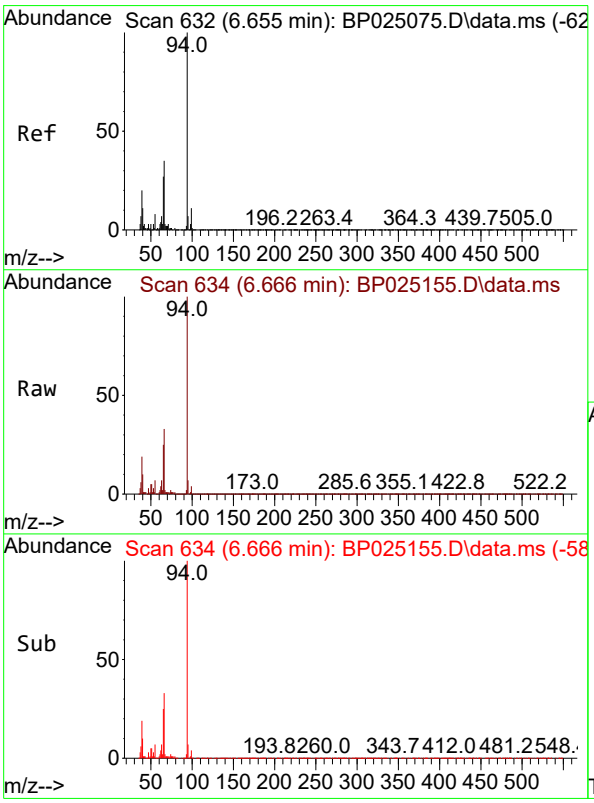
#9
Benzaldehyde
Concen: 32.488 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 706028

Ion	Ratio	Lower	Upper
77	100		
105	106.7	82.4	122.4
106	102.6	78.3	118.3

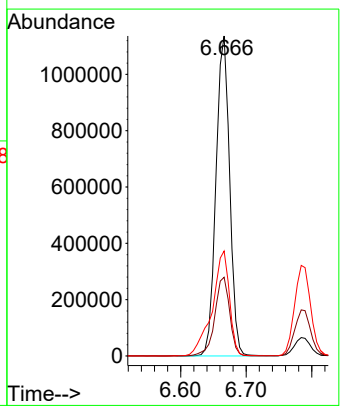


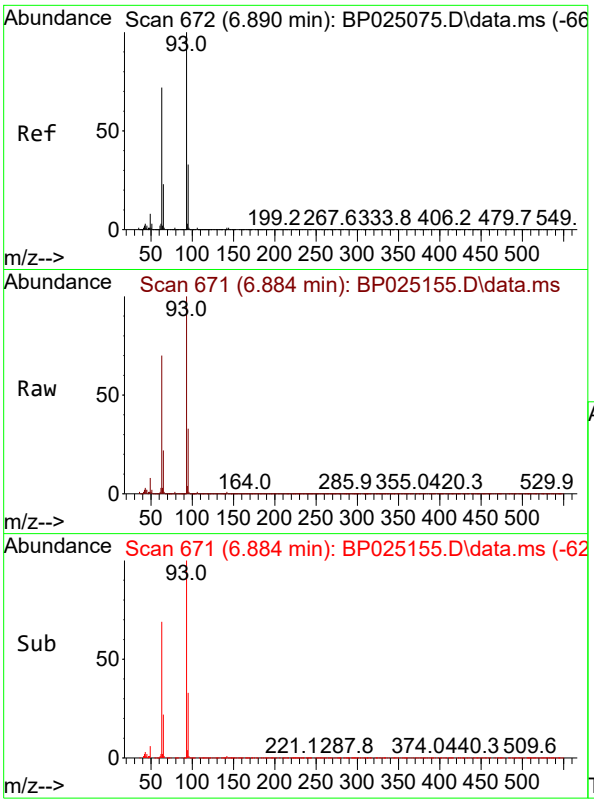


#10
Phenol
Concen: 38.780 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 94 Resp: 1639681

Ion	Ratio	Lower	Upper
94	100		
65	24.6	6.9	46.9
66	32.8	14.6	54.6



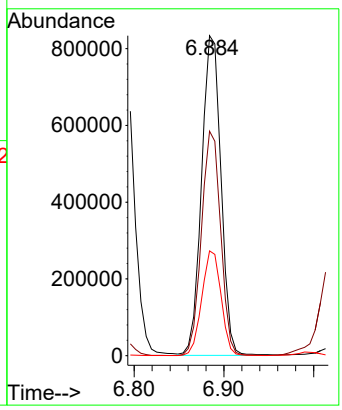


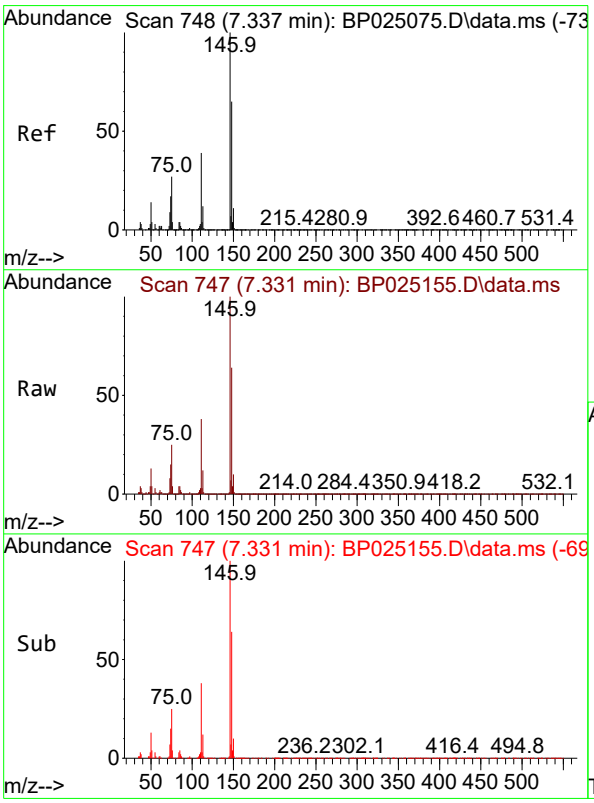
#11
bis(2-Chloroethyl)ether
Concen: 38.418 ng
RT: 6.884 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1250129

Ion	Ratio	Lower	Upper
93	100		
63	70.1	51.9	91.9
95	32.7	12.4	52.4

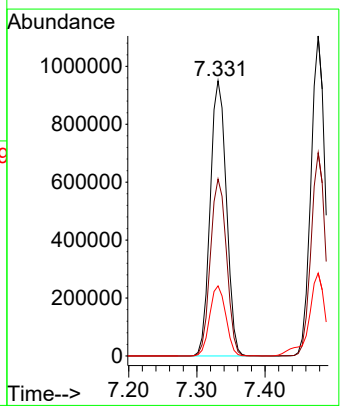


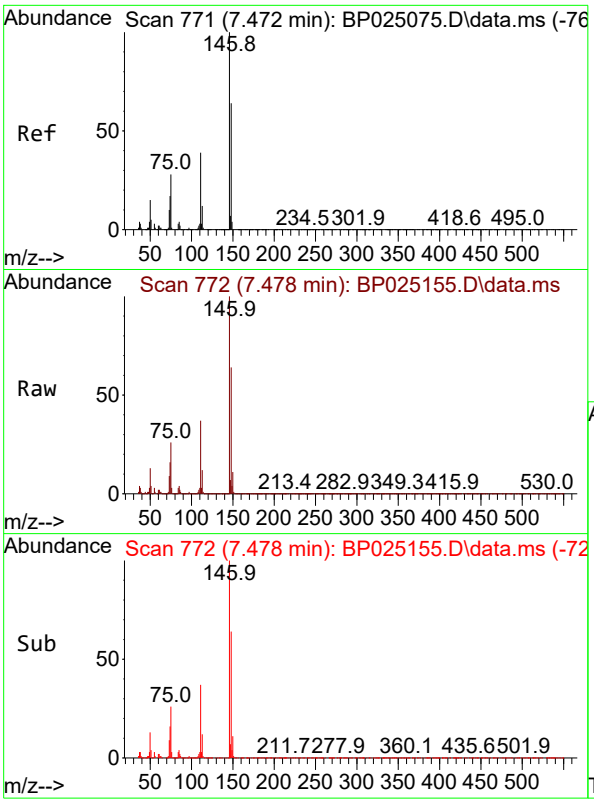


#12
1,3-Dichlorobenzene
Concen: 39.280 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:146 Resp: 1568447

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
75	25.5	21.8	32.6



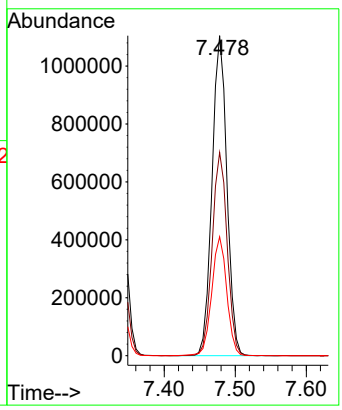


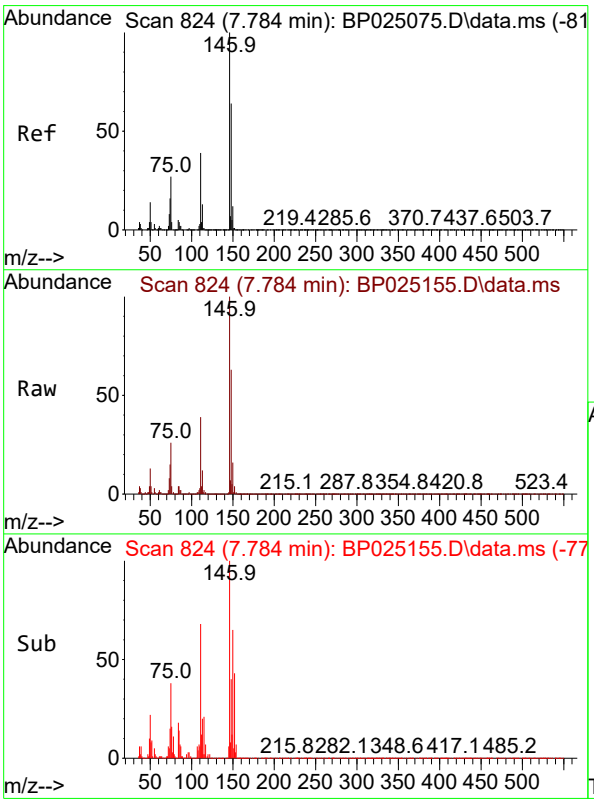
#13
1,4-Dichlorobenzene
Concen: 39.630 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1602132

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	37.1	31.2	46.8

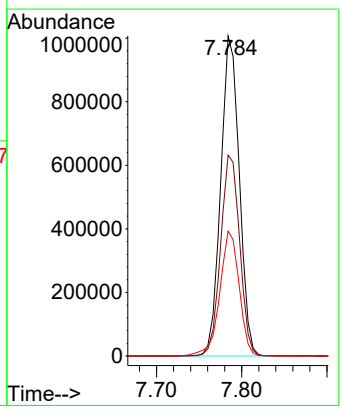


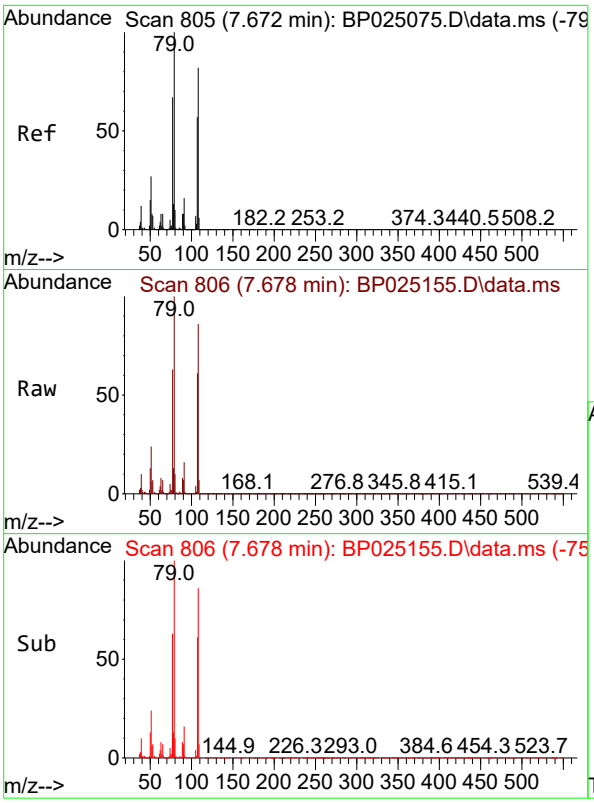


#14
1,2-Dichlorobenzene
Concen: 39.152 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:146 Resp: 1522581

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
111	39.0	31.2	46.8



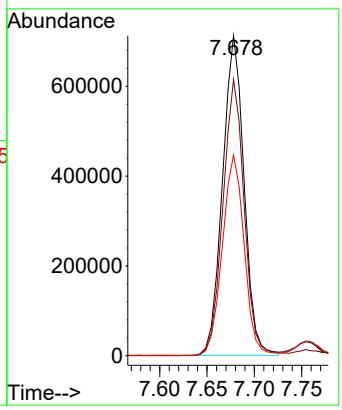


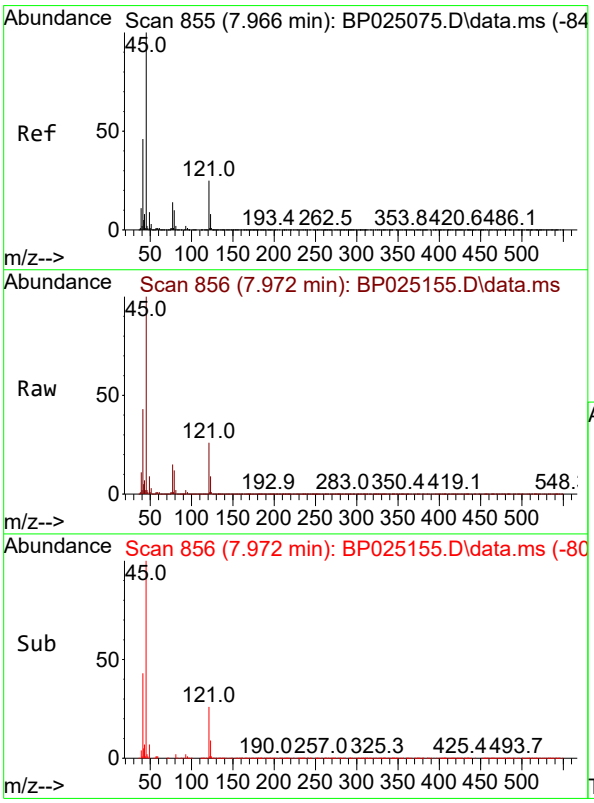
#15
Benzyl Alcohol
Concen: 40.592 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 1127395

Ion	Ratio	Lower	Upper
79	100		
108	86.3	66.0	99.0
77	62.7	53.4	80.2

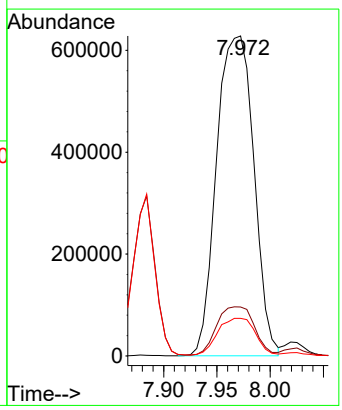


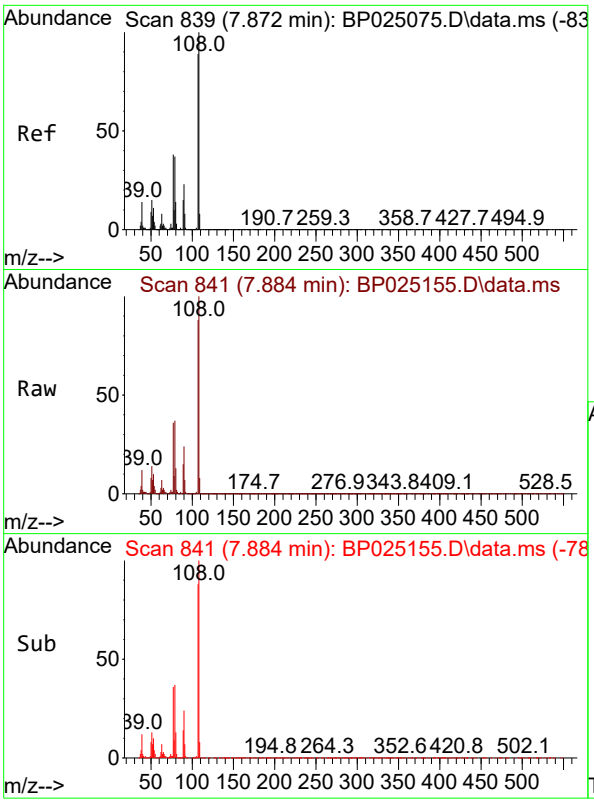


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.122 ng
RT: 7.972 min Scan# 856
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 45 Resp: 1528381

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.8
79	11.8	0.0	30.7



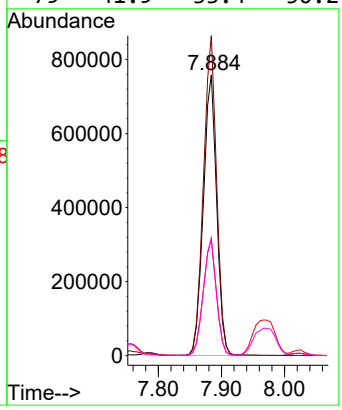


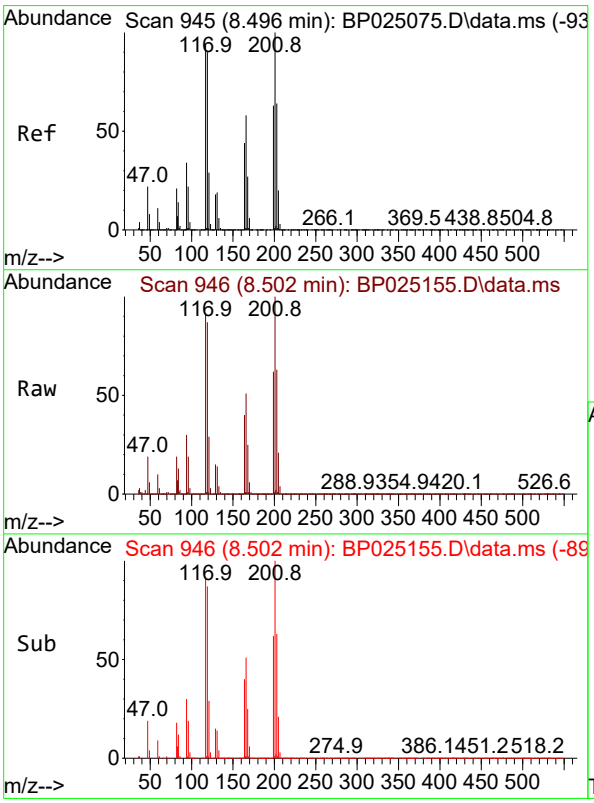
#17
2-Methylphenol
Concen: 40.646 ng
RT: 7.884 min Scan# 84
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 1107049

Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.7	134.5
77	41.4	34.2	51.4
79	41.9	33.4	50.2

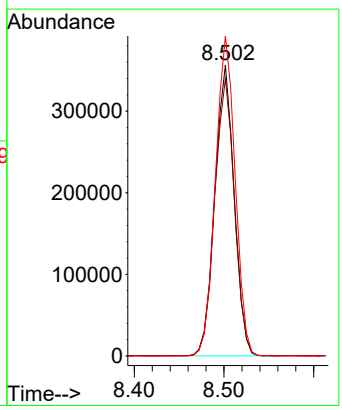


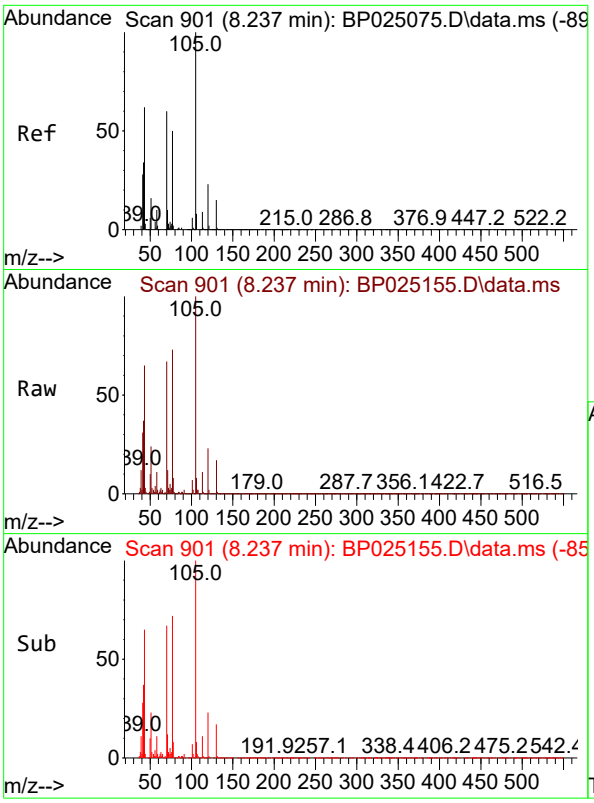


#18
Hexachloroethane
Concen: 40.630 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:117 Resp: 535091

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	115.0
201	110.0	85.4	128.2



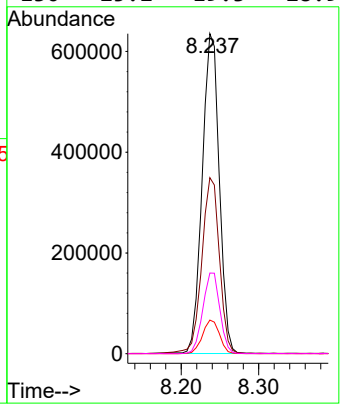


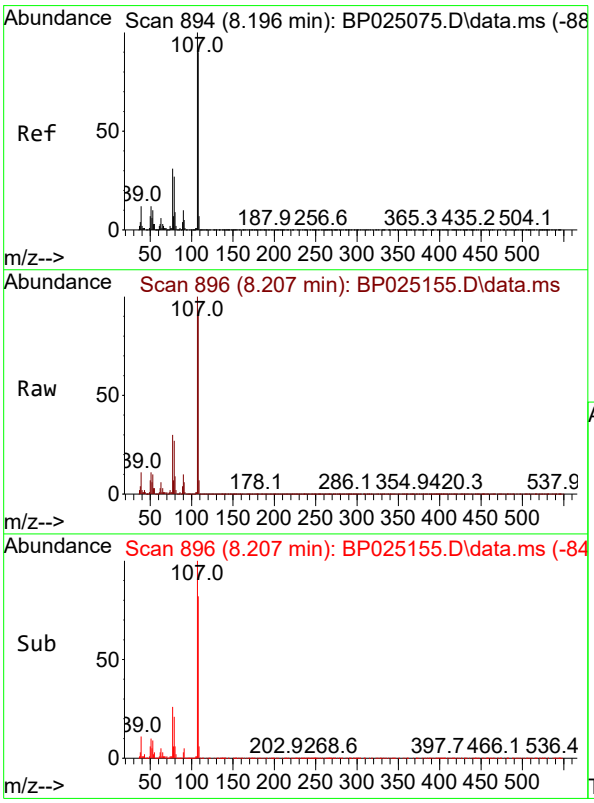
#19
n-Nitroso-di-n-propylamine
Concen: 39.280 ng
RT: 8.237 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 969360

Ion	Ratio	Lower	Upper
70	100		
42	55.0	46.5	69.7
101	10.5	7.9	11.9
130	25.2	19.3	28.9

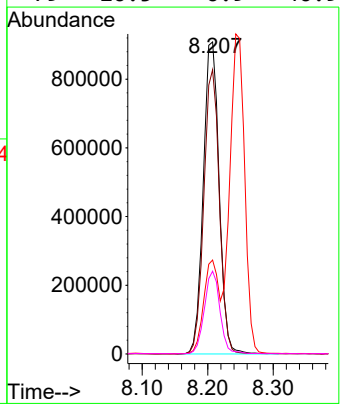


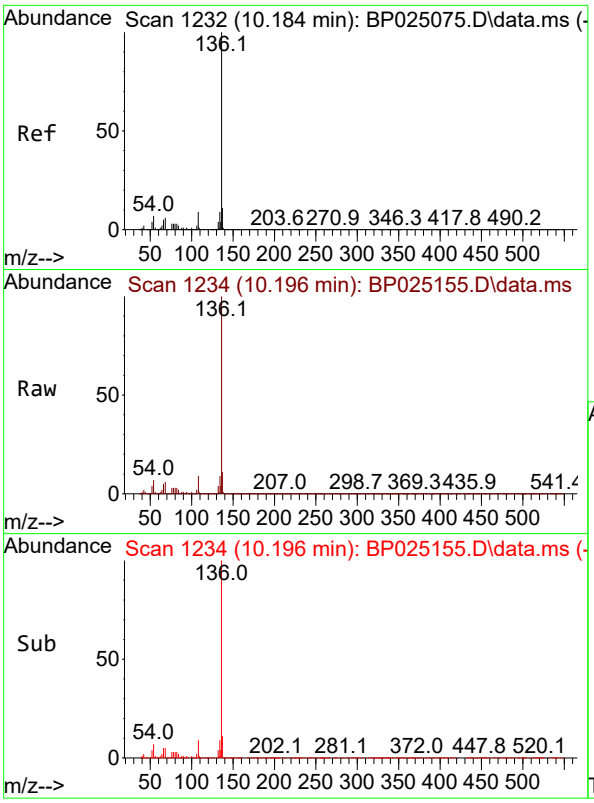


#20
3+4-Methylphenols
Concen: 40.071 ng
RT: 8.207 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:107 Resp: 1528669

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.5	109.5
77	30.1	11.4	51.4
79	26.5	6.9	46.9



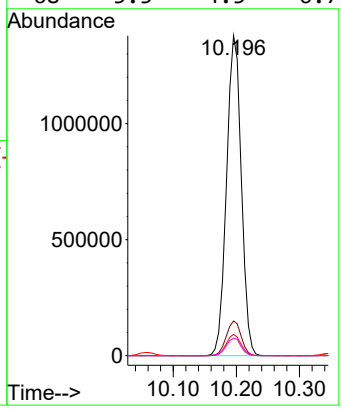


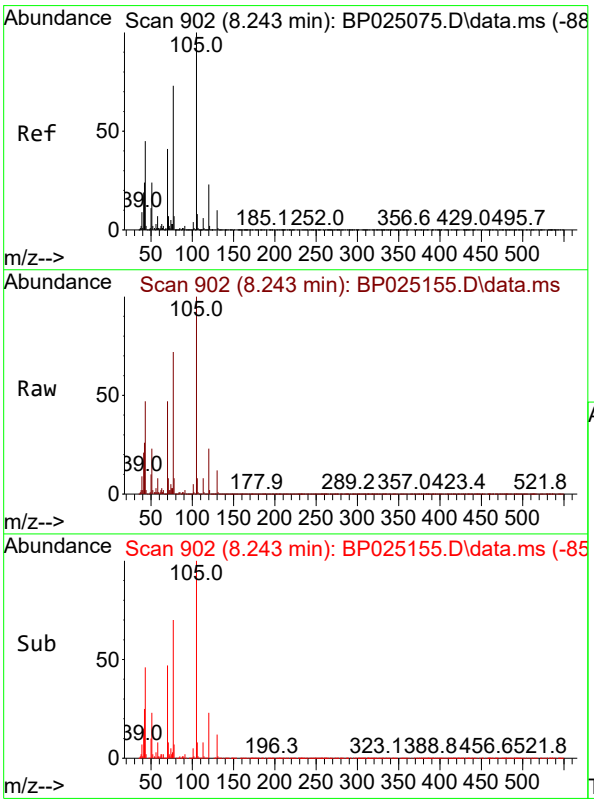
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 2237579

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

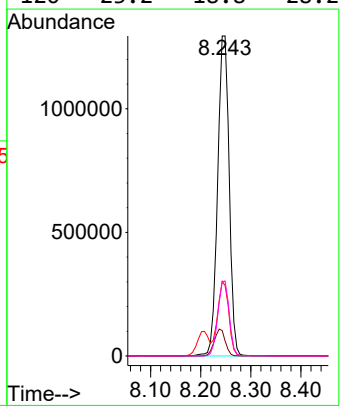


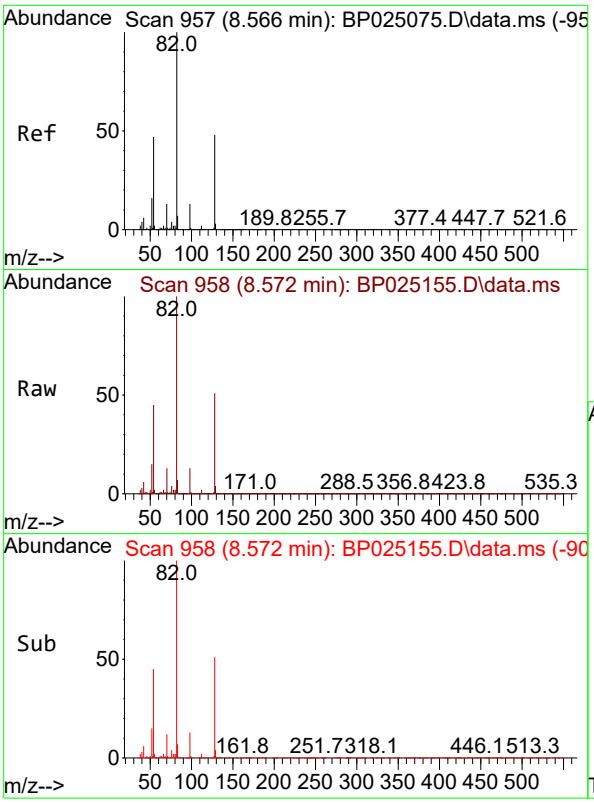


#22
Acetophenone
Concen: 39.045 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:105 Resp: 2066167

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.4	8.2
51	23.4	19.6	29.4
120	23.2	18.8	28.2



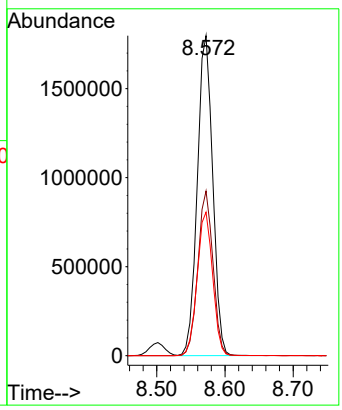


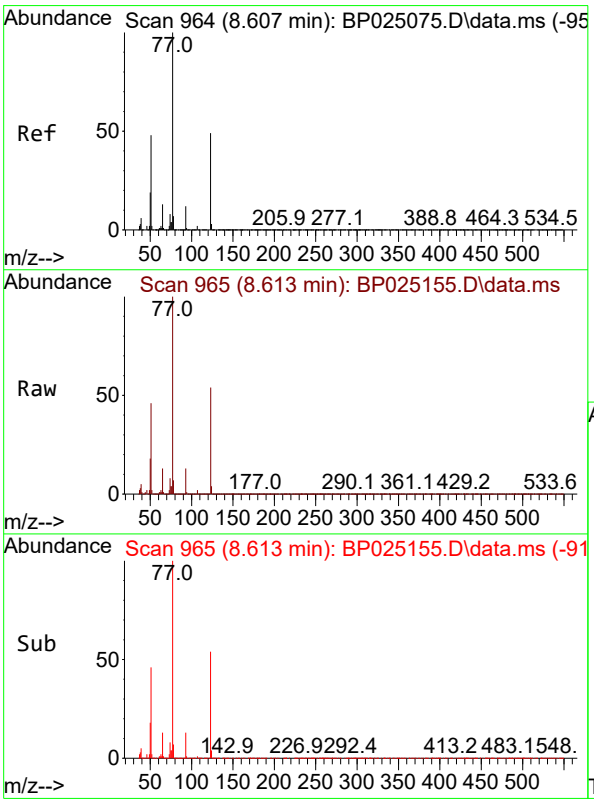
#23
Nitrobenzene-d5
Concen: 83.838 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2820767

Ion	Ratio	Lower	Upper
82	100		
128	51.5	38.4	57.6
54	44.9	37.8	56.6

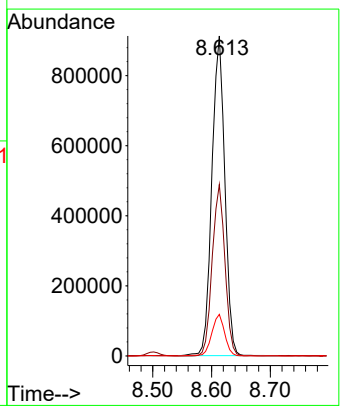


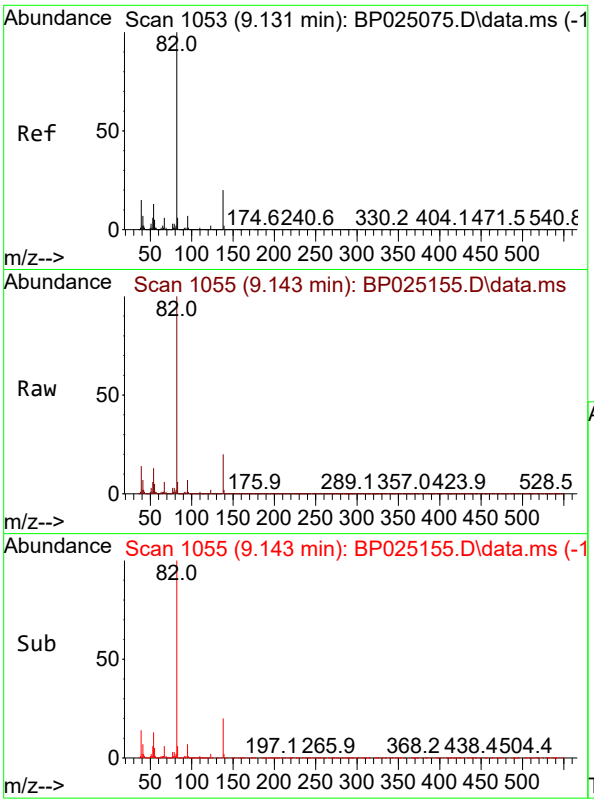


#24
Nitrobenzene
Concen: 40.716 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 77 Resp: 1395349

Ion	Ratio	Lower	Upper
77	100		
123	53.6	39.0	58.6
65	13.0	10.7	16.1



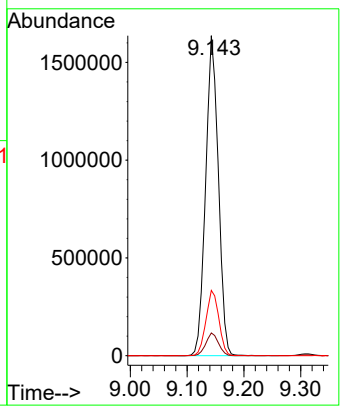


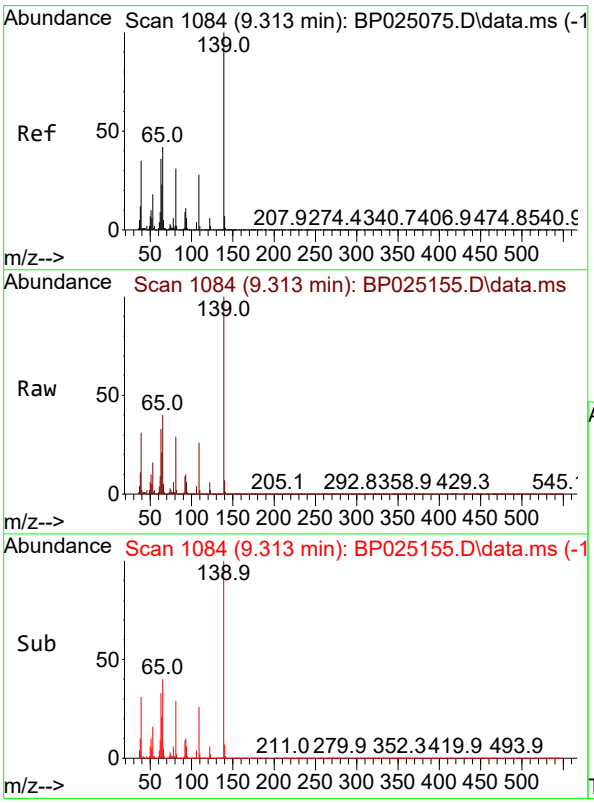
#25
Isophorone
Concen: 40.280 ng
RT: 9.143 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2532667

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	20.4	15.7	23.5

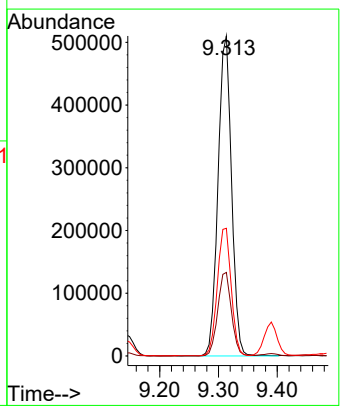


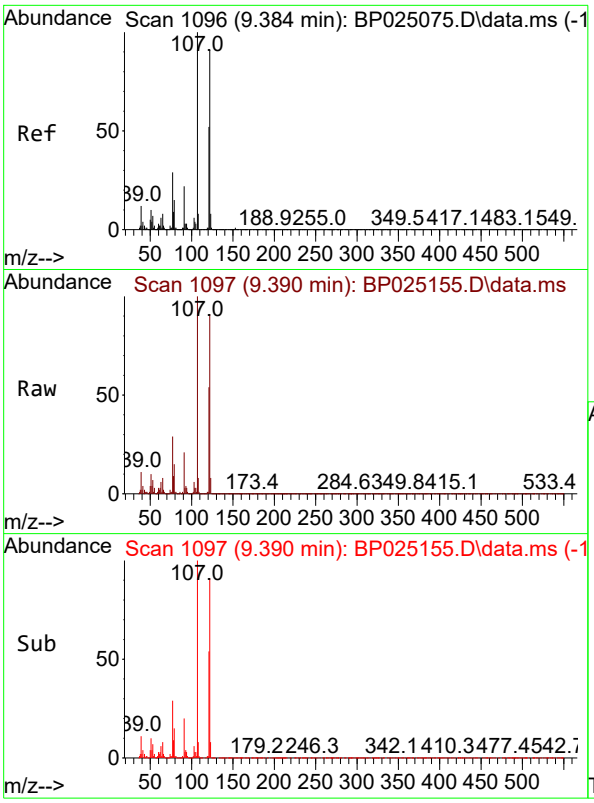


#26
2-Nitrophenol
Concen: 48.687 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:139 Resp: 810527

Ion	Ratio	Lower	Upper
139	100		
109	26.1	22.3	33.5
65	39.9	33.8	50.8



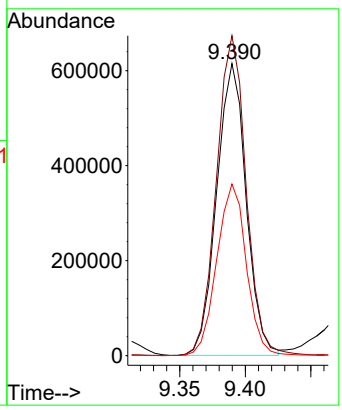


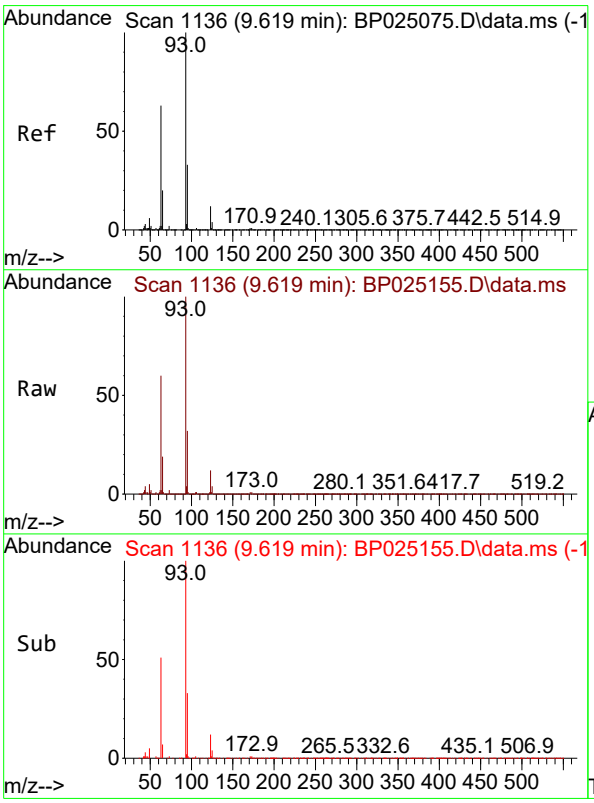
#27
2,4-Dimethylphenol
Concen: 40.971 ng
RT: 9.390 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 960958

Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.2	132.2
121	58.8	46.1	69.1

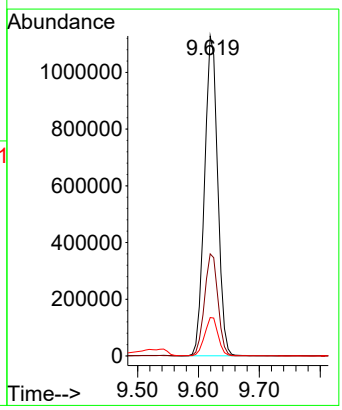


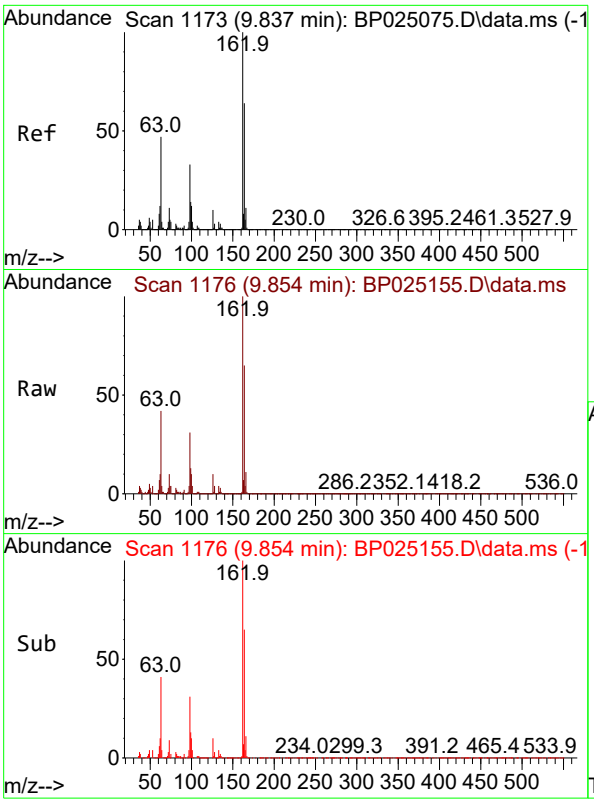


#28
bis(2-Chloroethoxy)methane
Concen: 39.712 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 93 Resp: 1695445

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.4	39.6
123	12.0	10.1	15.1



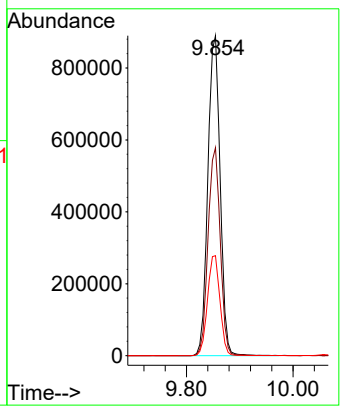


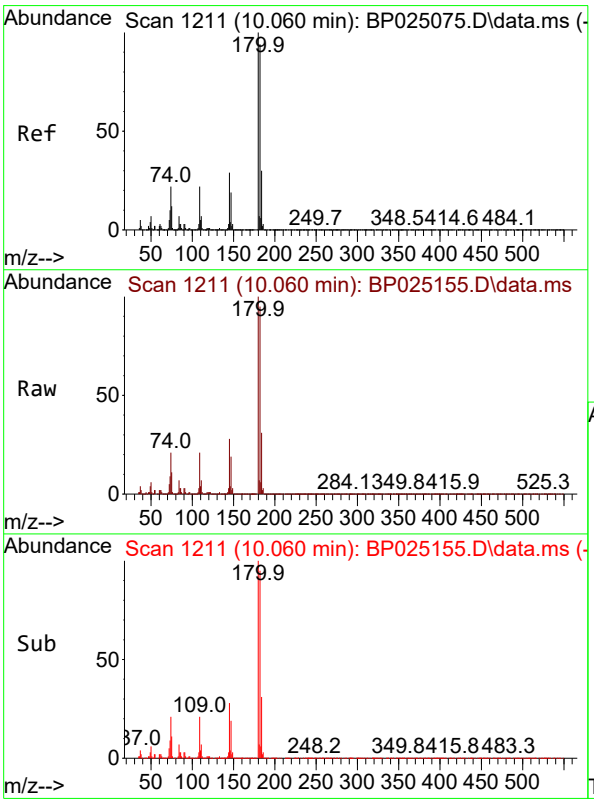
#29
2,4-Dichlorophenol
Concen: 43.726 ng
RT: 9.854 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1422094

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.1	84.1
98	31.2	13.1	53.1

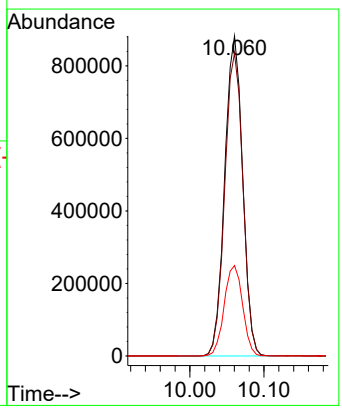


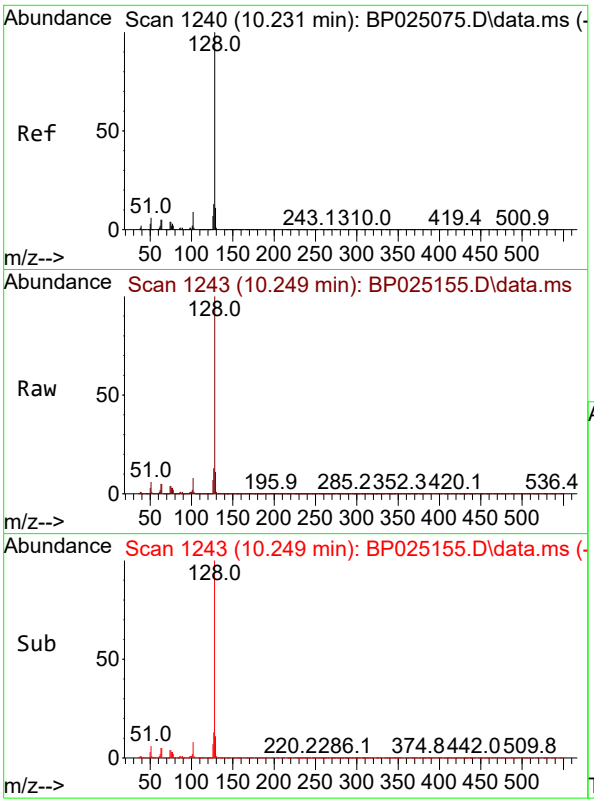


#30
1,2,4-Trichlorobenzene
Concen: 41.157 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:180 Resp: 1482294

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.1	112.7
145	28.2	23.3	34.9



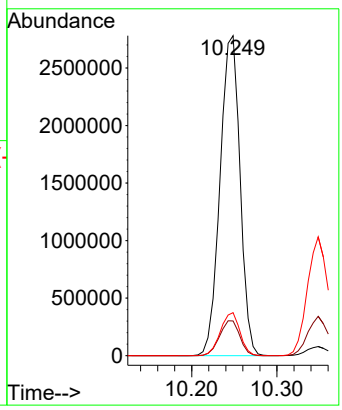


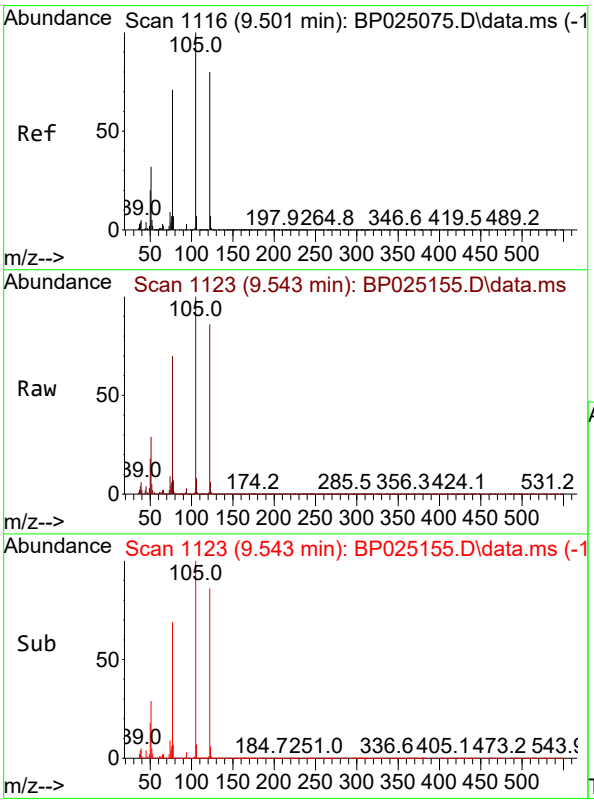
#31
Naphthalene
Concen: 39.315 ng
RT: 10.249 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 4529753

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.4	15.6

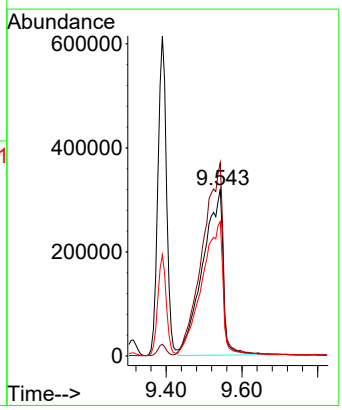


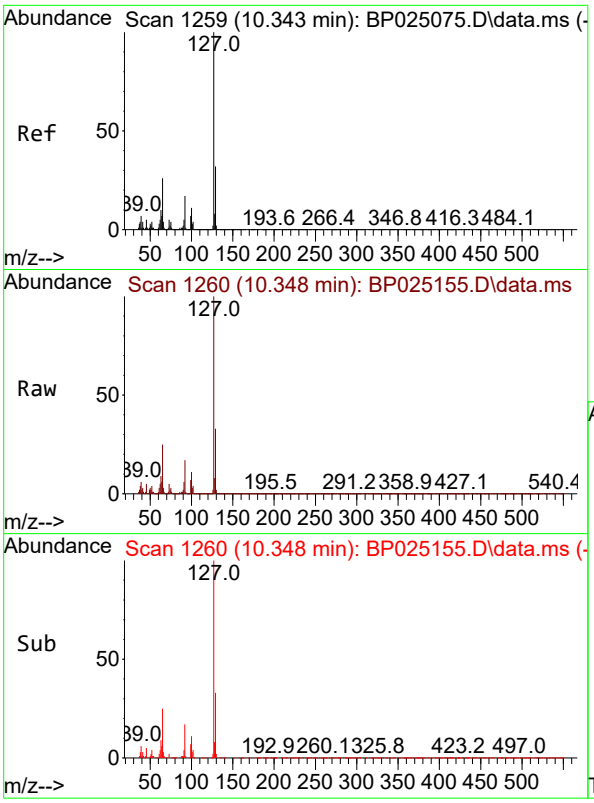


#32
Benzoic acid
Concen: 50.471 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.042 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:122 Resp: 1191237

Ion	Ratio	Lower	Upper
122	100		
105	116.1	101.0	141.0
77	80.7	67.6	107.6



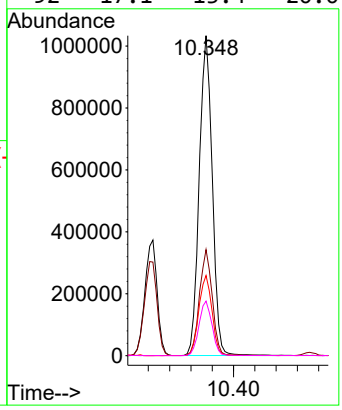


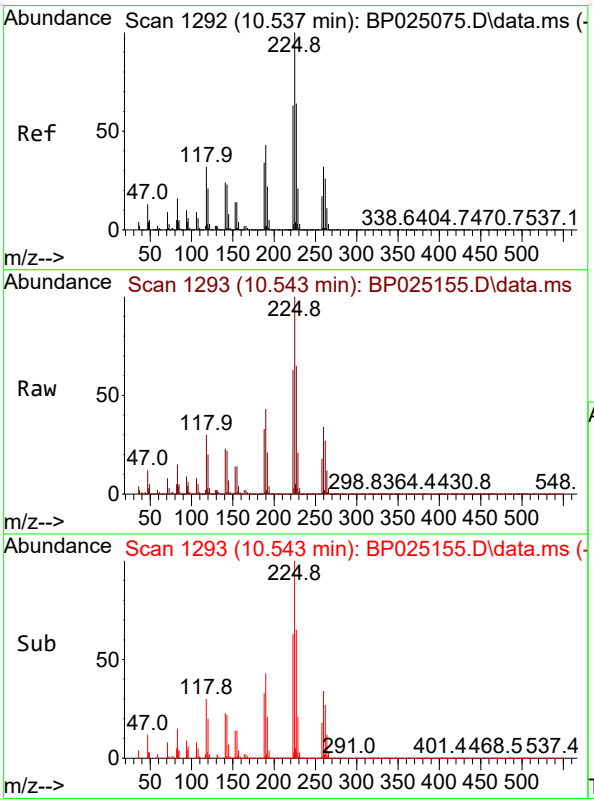
#33
4-Chloroaniline
Concen: 40.686 ng
RT: 10.348 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1749419

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.2
65	25.1	21.0	31.6
92	17.1	13.4	20.0

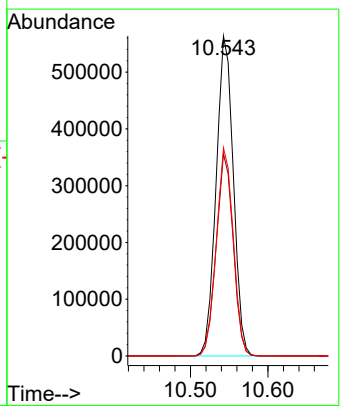


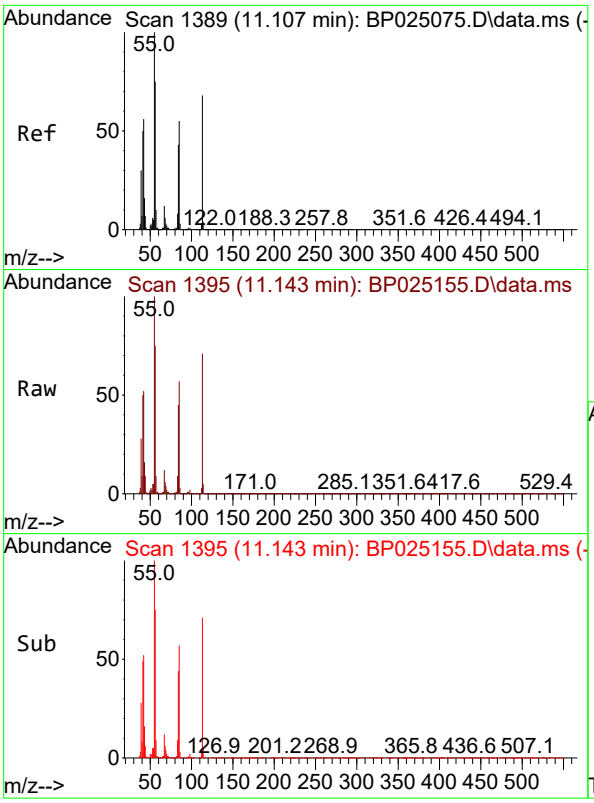


#34
Hexachlorobutadiene
Concen: 42.006 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:225 Resp: 868186

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.3	75.5
227	65.0	51.3	76.9



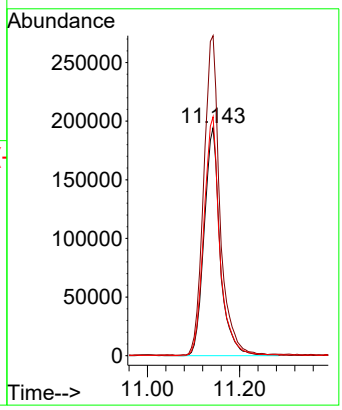


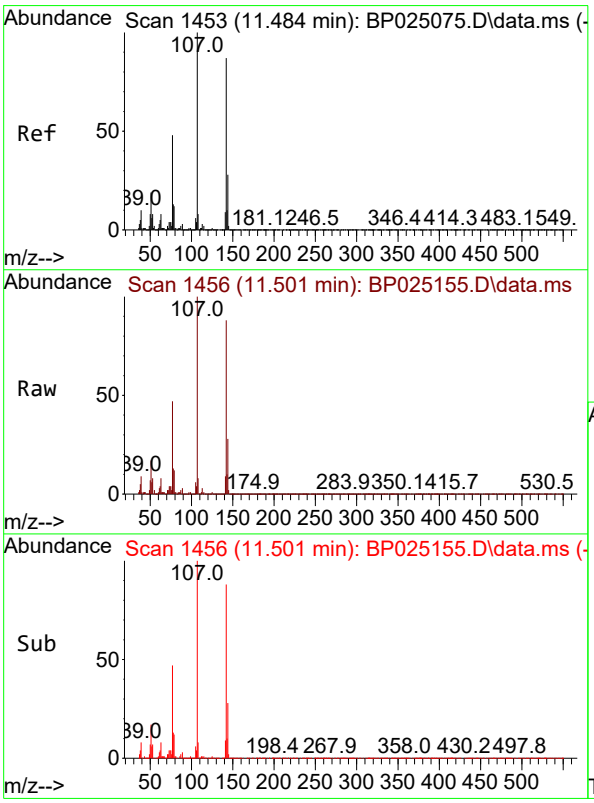
#35
Caprolactam
Concen: 42.071 ng
RT: 11.143 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 468089

Ion	Ratio	Lower	Upper
113	100		
55	140.3	128.1	168.1
56	104.8	90.7	130.7

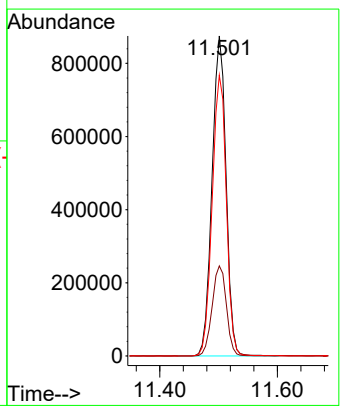


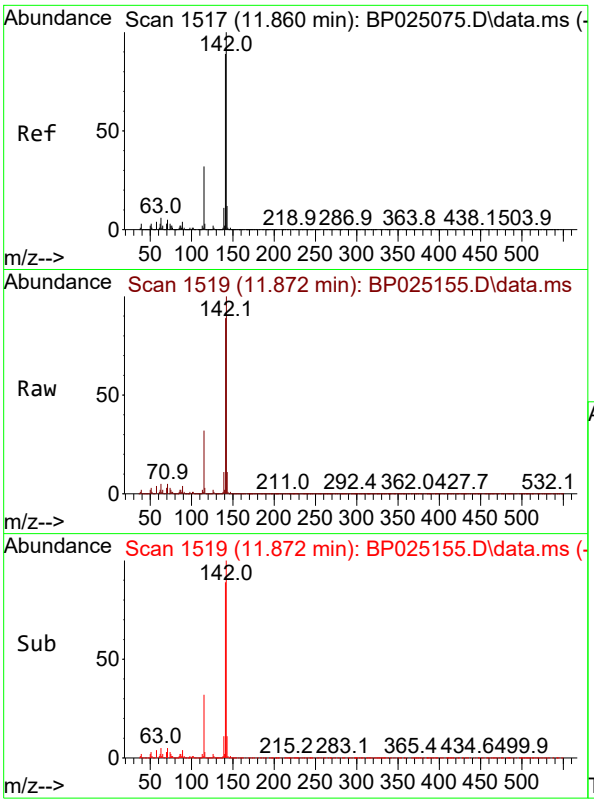


#36
4-Chloro-3-methylphenol
Concen: 42.541 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:107 Resp: 1445852

Ion	Ratio	Lower	Upper
107	100		
144	28.2	22.4	33.6
142	87.8	69.6	104.4



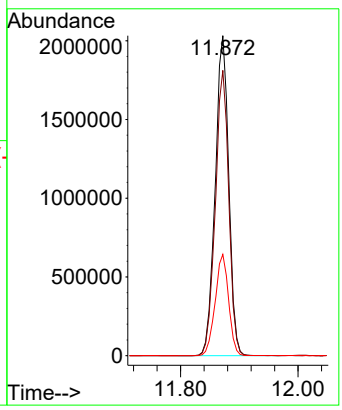


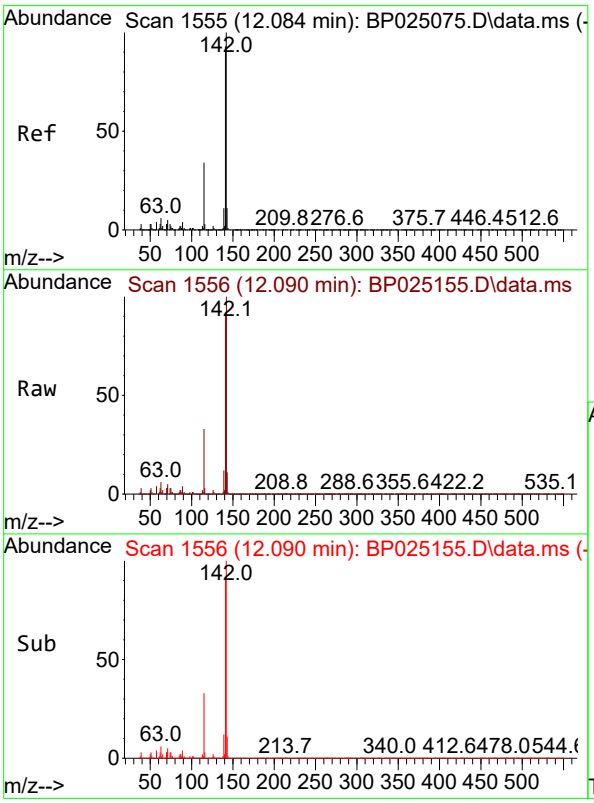
#37
2-Methylnaphthalene
Concen: 39.967 ng
RT: 11.872 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 3249124

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	31.7	25.9	38.9

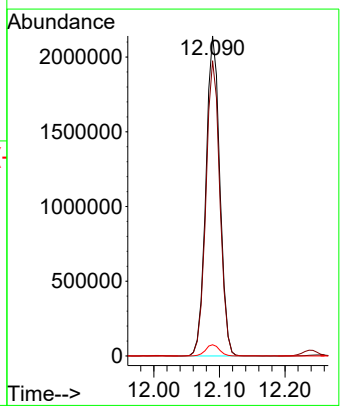


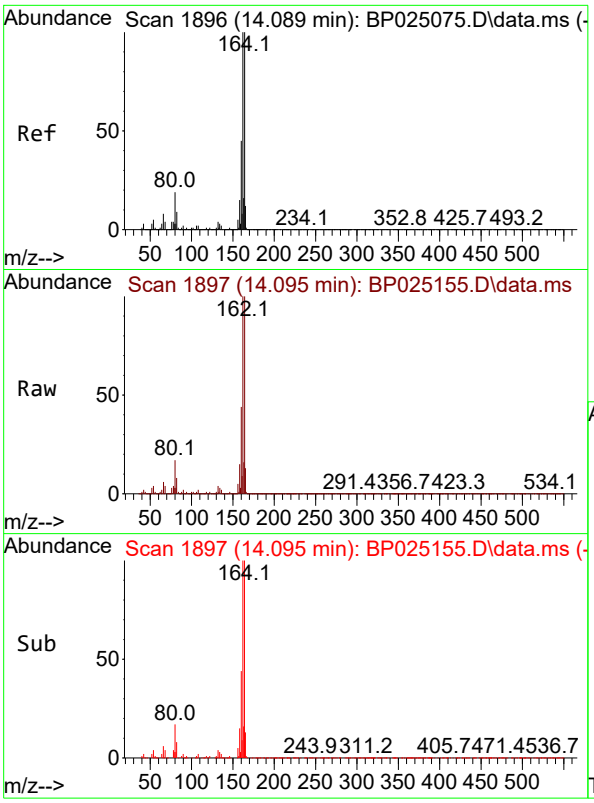


#38
1-Methylnaphthalene
Concen: 39.900 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:142 Resp: 3163495

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1
116	3.5	2.7	4.1



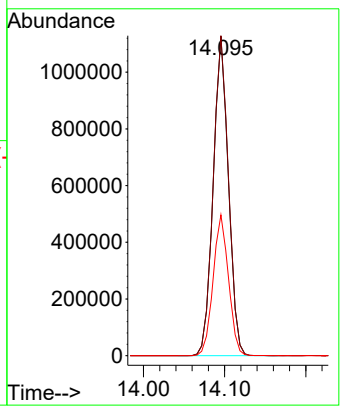


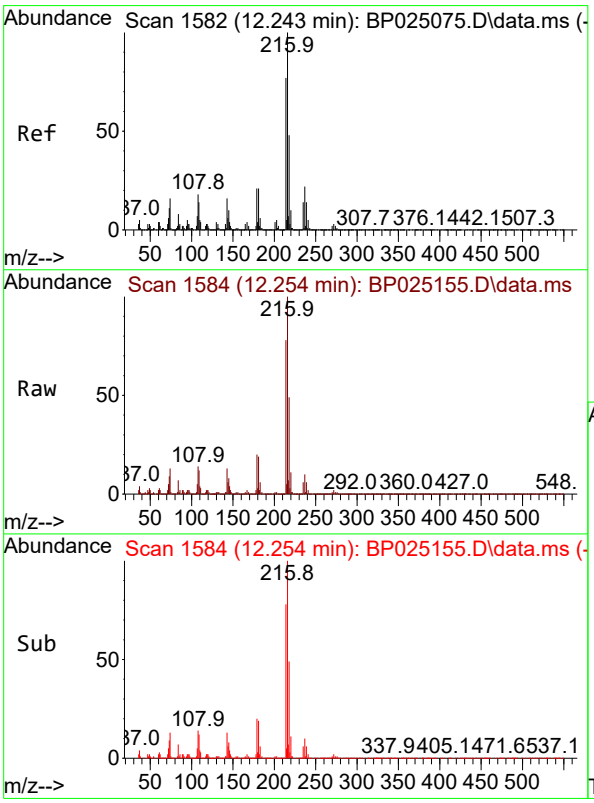
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.095 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 1465074

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.3	120.5
160	44.1	35.9	53.9

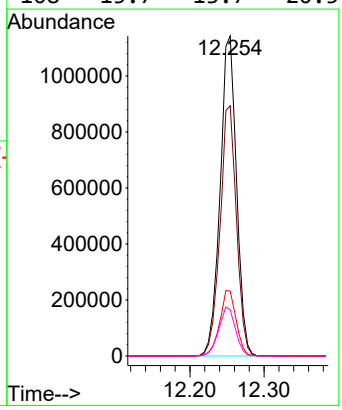


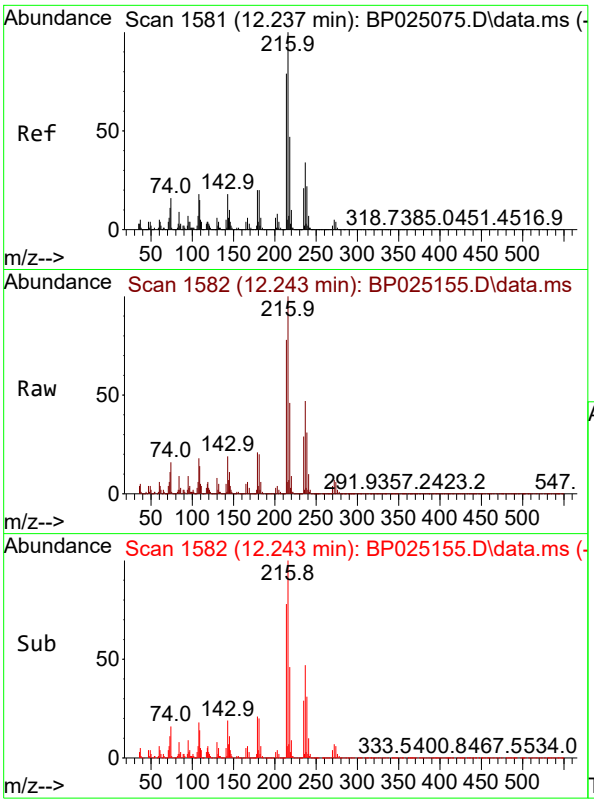


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.626 ng
RT: 12.254 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:216 Resp: 1752724

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.4	93.6
179	20.5	16.5	24.7
108	15.7	13.7	20.5



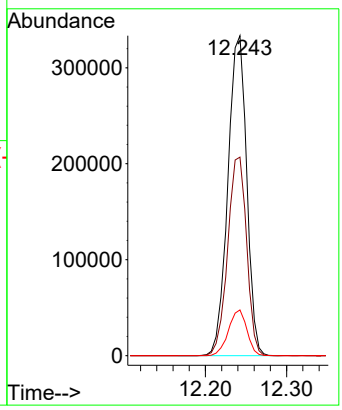


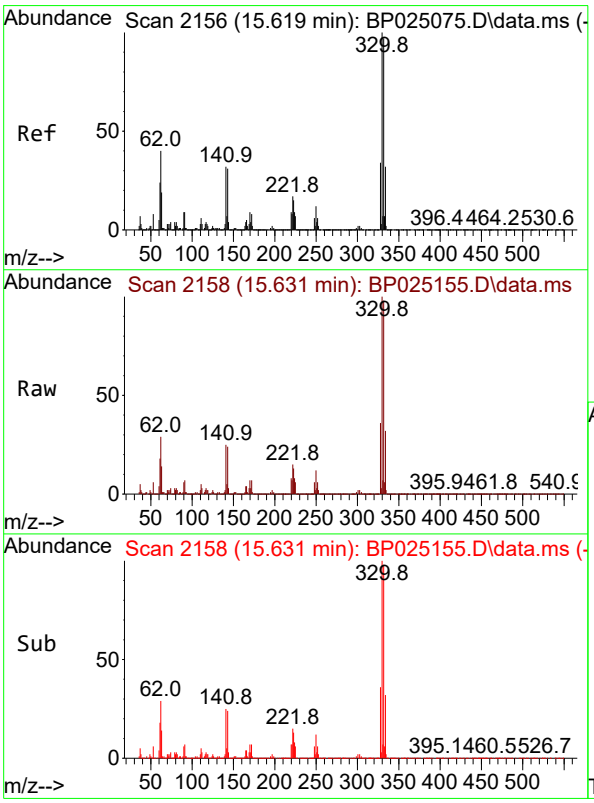
#41
Hexachlorocyclopentadiene
Concen: 48.784 ng
RT: 12.243 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 536542

Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.6	81.6
272	14.3	0.0	33.6

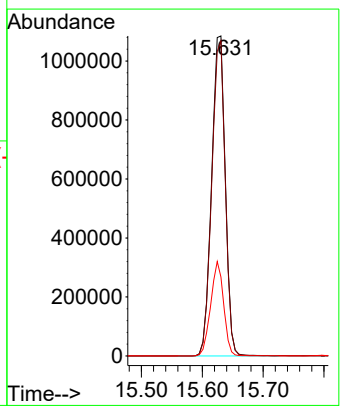


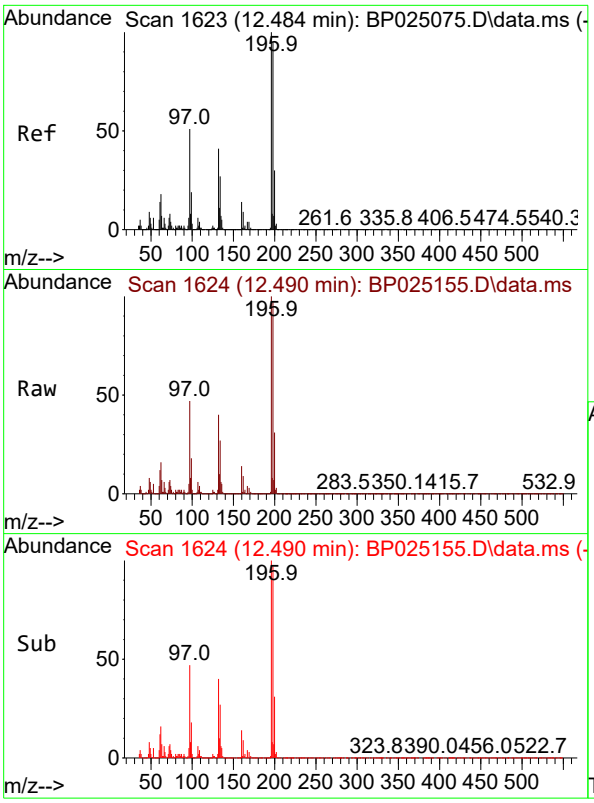


#42
2,4,6-Tribromophenol
Concen: 97.740 ng
RT: 15.631 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:330 Resp: 1691627

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	27.8	26.0	39.0



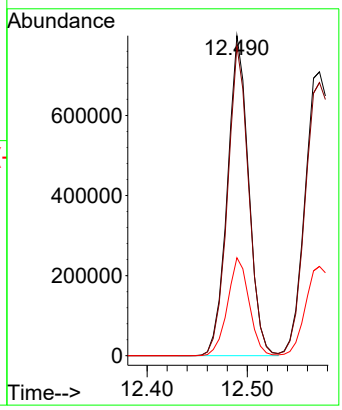


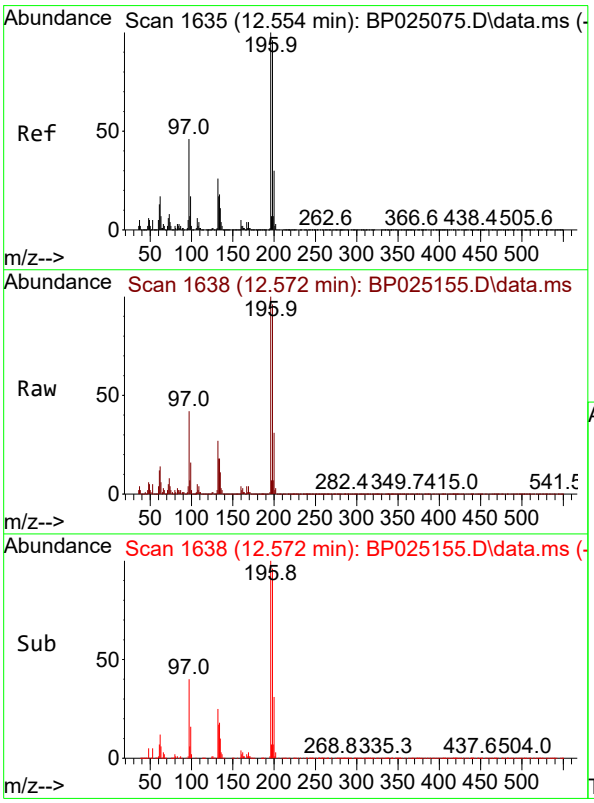
#43
2,4,6-Trichlorophenol
Concen: 46.244 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 1179026

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
200	30.6	24.3	36.5

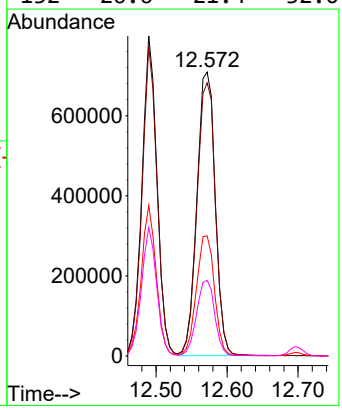


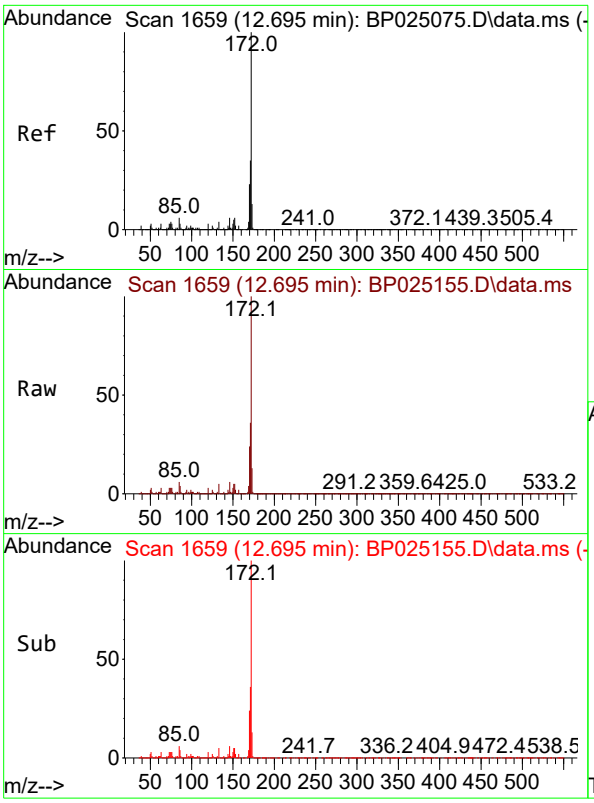


#44
2,4,5-Trichlorophenol
Concen: 44.191 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:196 Resp: 1276875

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.6	115.0
97	42.3	36.6	55.0
132	26.6	21.4	32.0



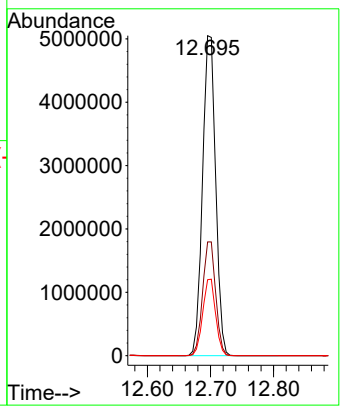


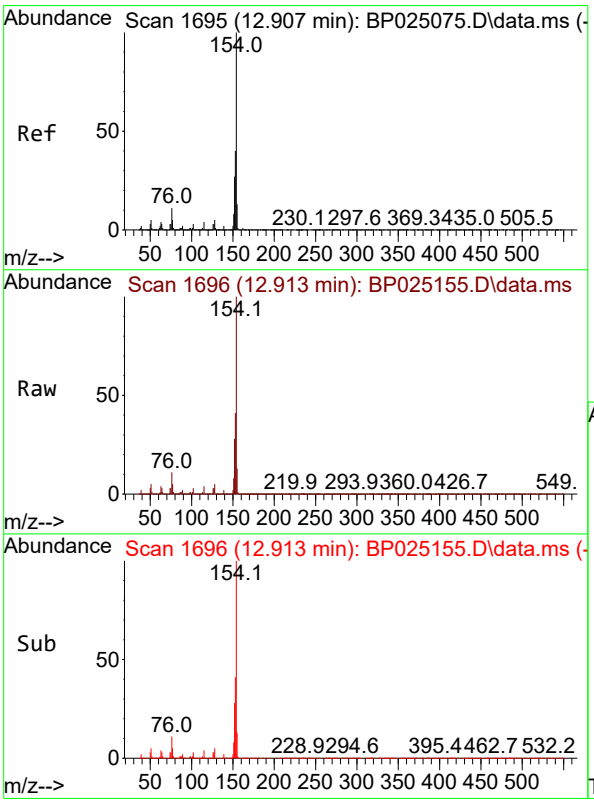
#45
2-Fluorobiphenyl
Concen: 77.043 ng
RT: 12.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 7286089

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.8	18.7	28.1

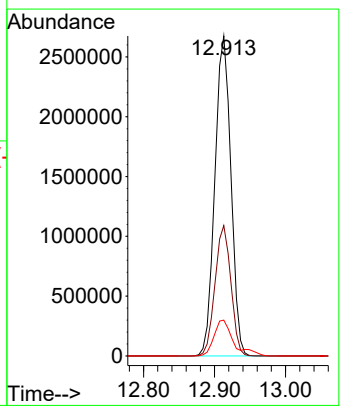


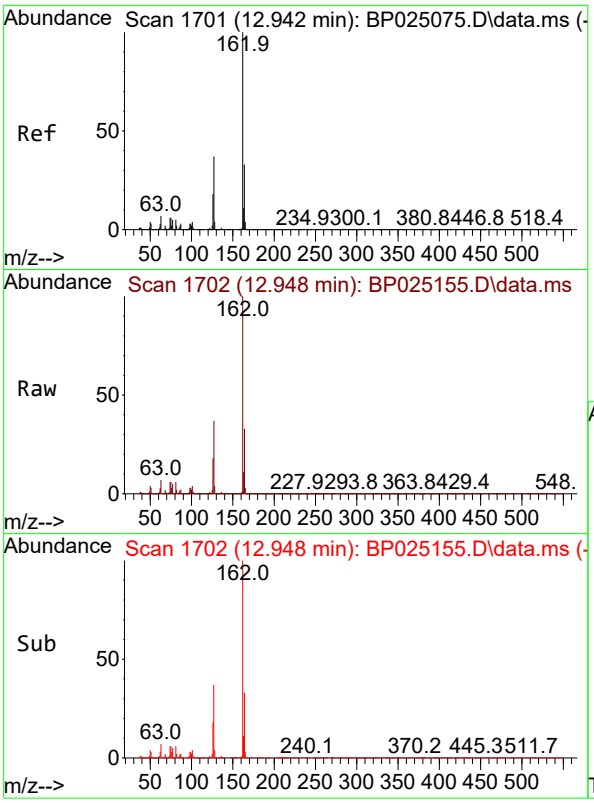


#46
1,1'-Biphenyl
Concen: 39.223 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:154 Resp: 4181055

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.2	60.2
76	11.2	0.0	31.5



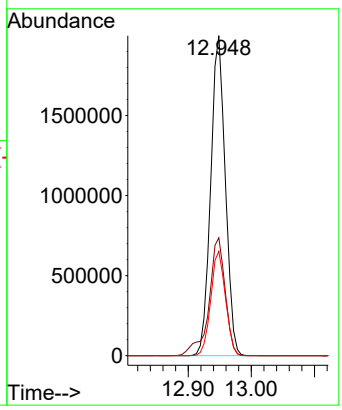


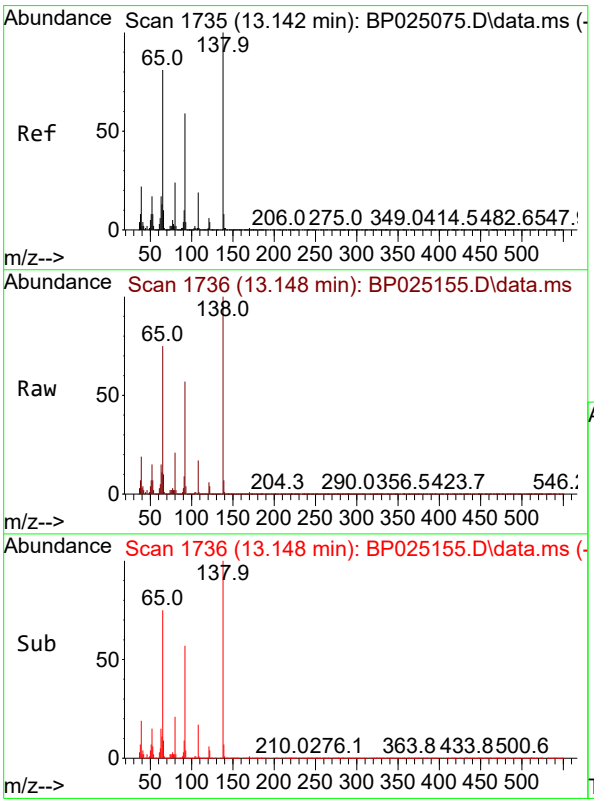
#47
2-Chloronaphthalene
Concen: 40.068 ng
RT: 12.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 3210239

Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.4	44.2
164	32.6	26.4	39.6

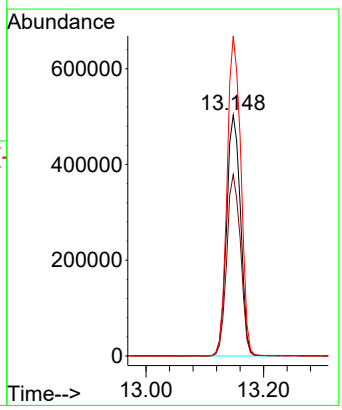


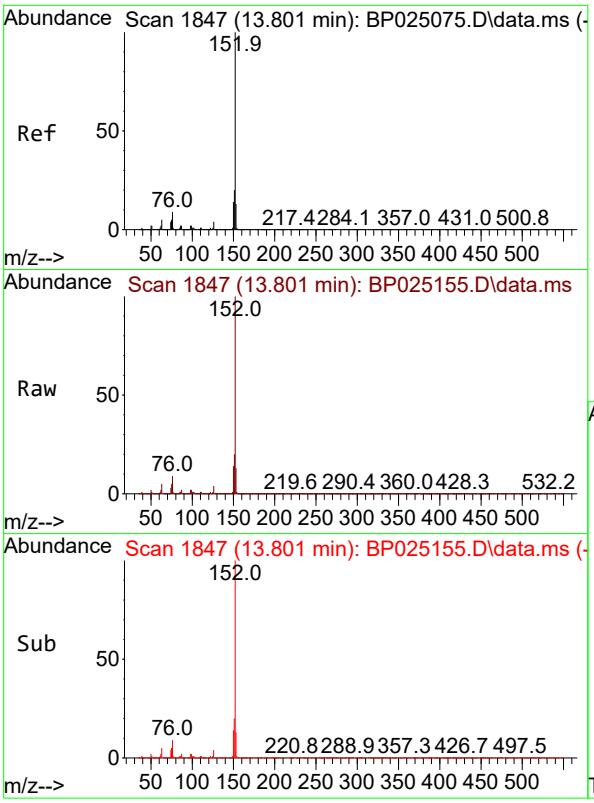


#48
2-Nitroaniline
Concen: 42.274 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion: 65 Resp: 822809

Ion	Ratio	Lower	Upper
65	100		
92	75.3	58.7	88.1
138	132.8	99.0	148.4



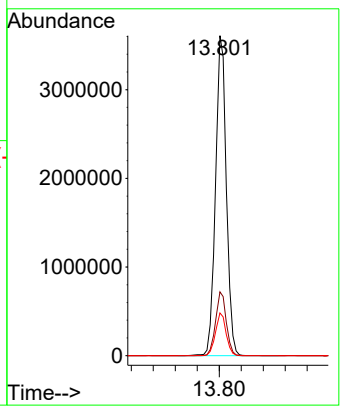


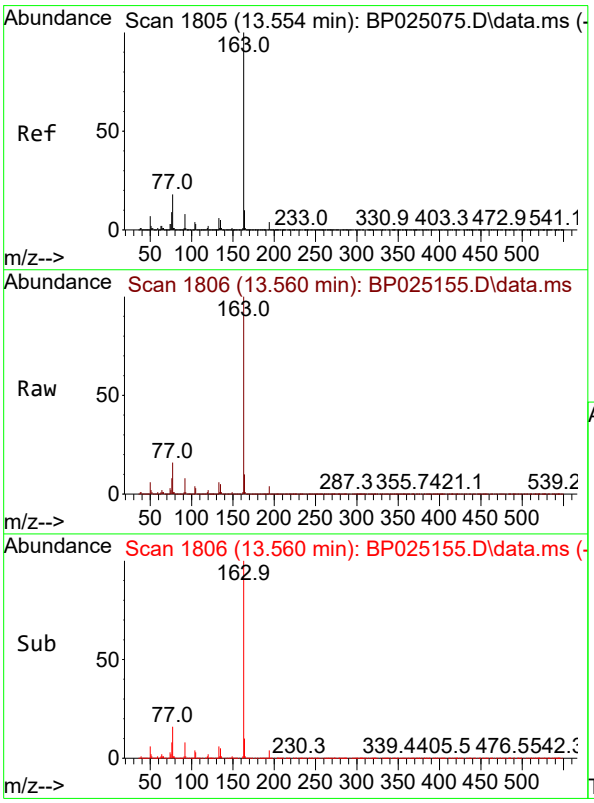
#49
Acenaphthylene
Concen: 40.174 ng
RT: 13.801 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 4926382

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.3	10.7	16.1

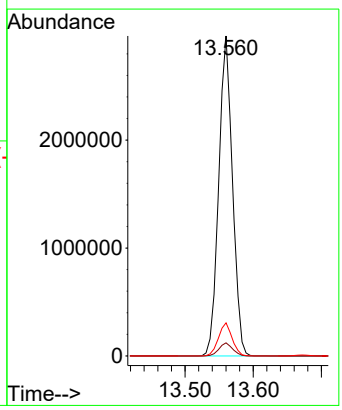


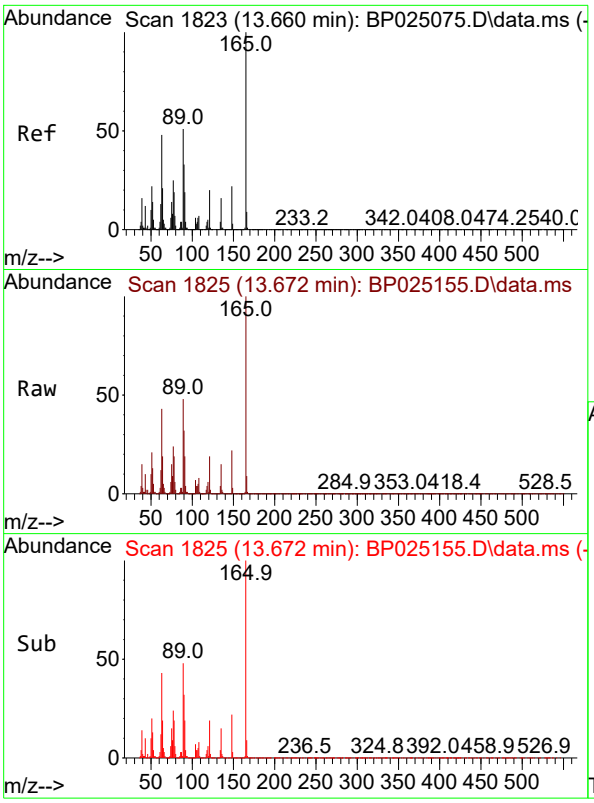


#50
Dimethylphthalate
Concen: 40.672 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:163 Resp: 4171124

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.0	12.0



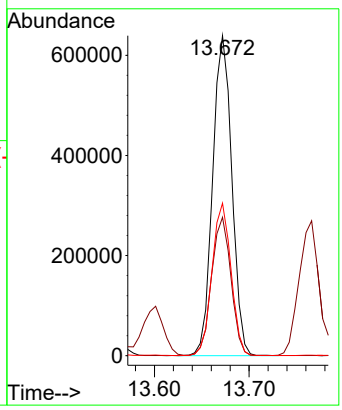


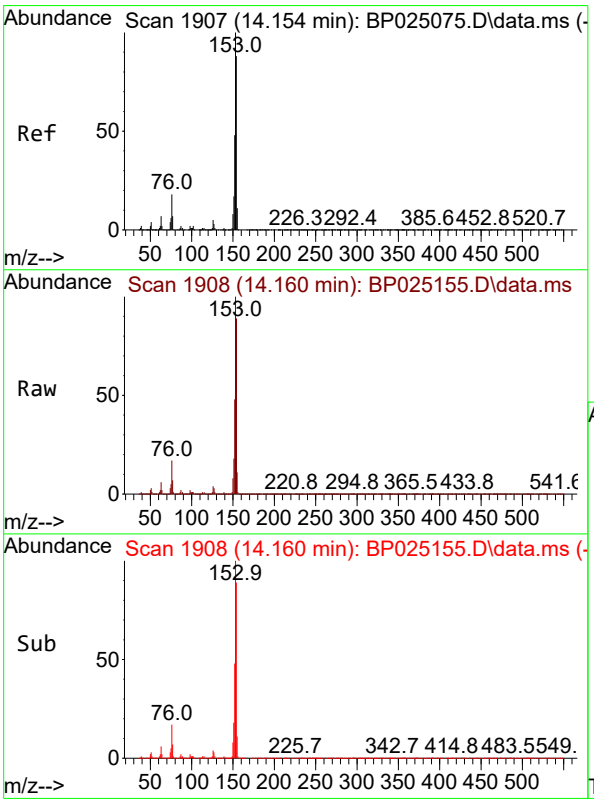
#51
2,6-Dinitrotoluene
Concen: 44.961 ng
RT: 13.672 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 899288

Ion	Ratio	Lower	Upper
165	100		
63	43.2	38.5	57.7
89	47.7	40.6	61.0

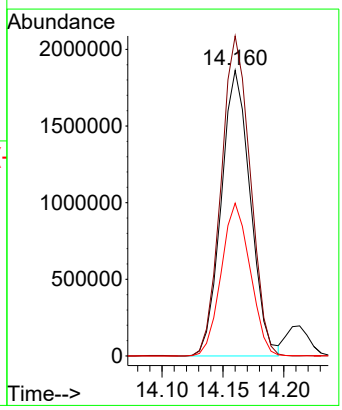


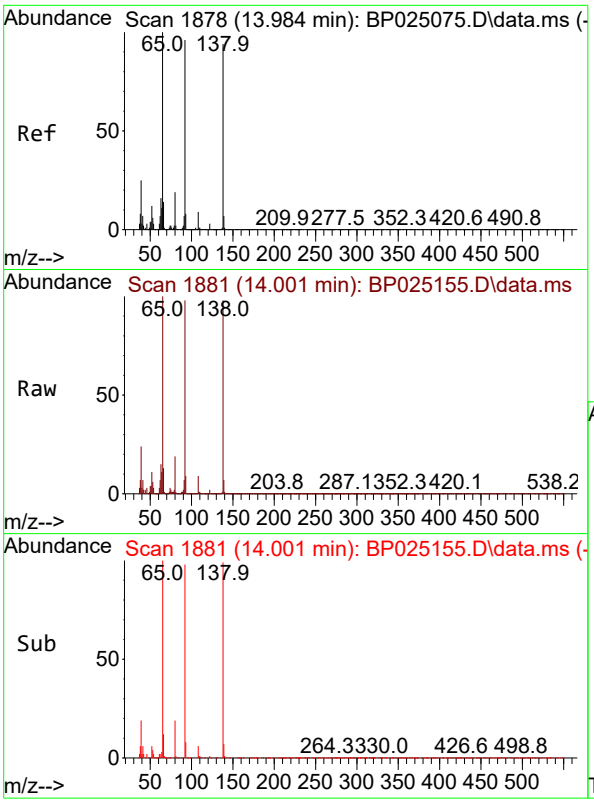


#52
Acenaphthene
Concen: 39.159 ng
RT: 14.160 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:154 Resp: 3094975

Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.6	136.0
152	53.5	43.8	65.8



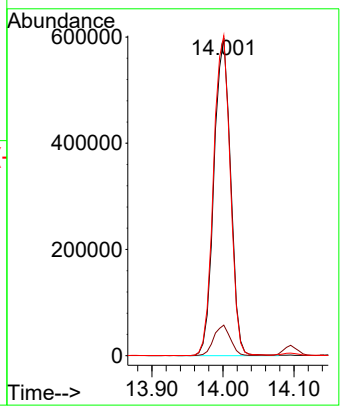


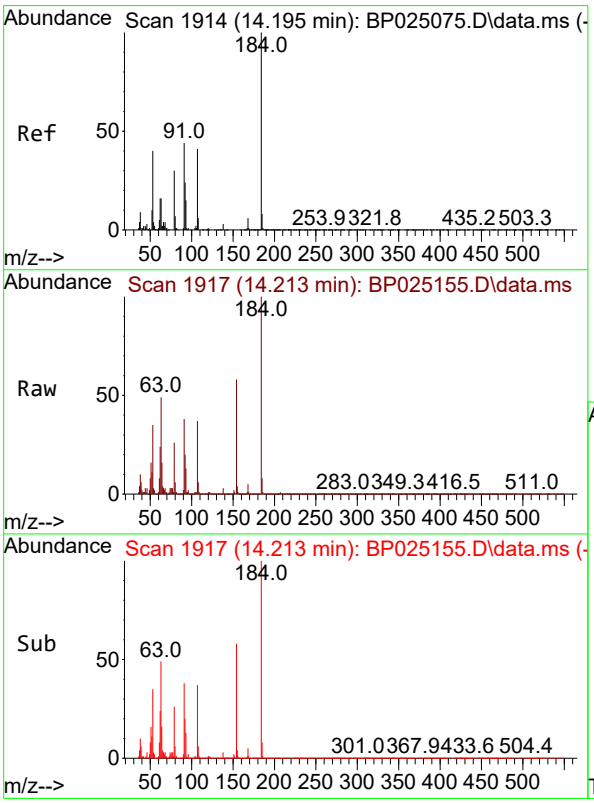
#53
3-Nitroaniline
Concen: 45.249 ng
RT: 14.001 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 969923

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.8
92	100.6	81.0	121.4

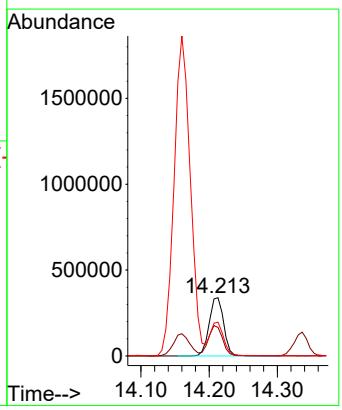


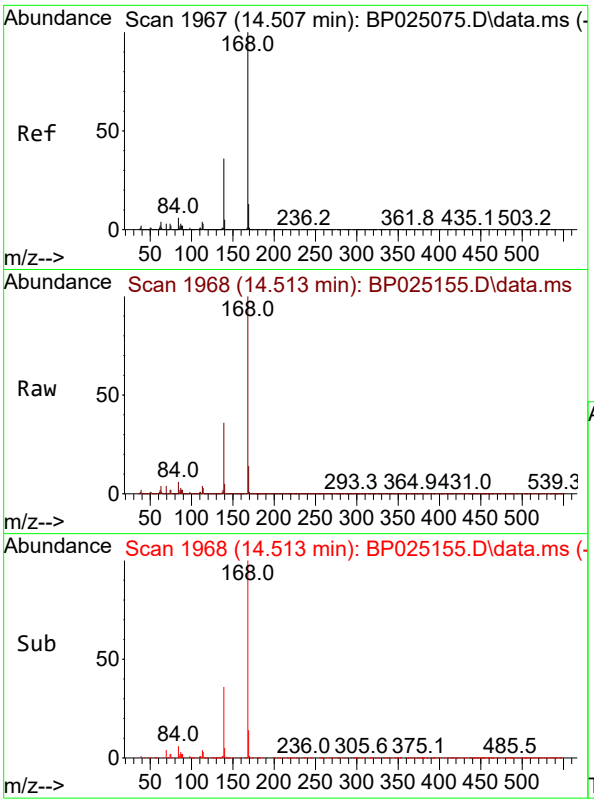


#54
2,4-Dinitrophenol
Concen: 53.458 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:184 Resp: 503837

Ion	Ratio	Lower	Upper
184	100		
63	48.8	47.4	71.0
154	57.9	47.8	71.8



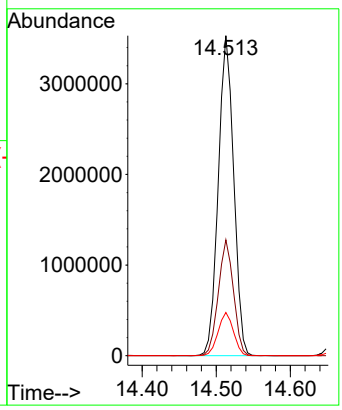


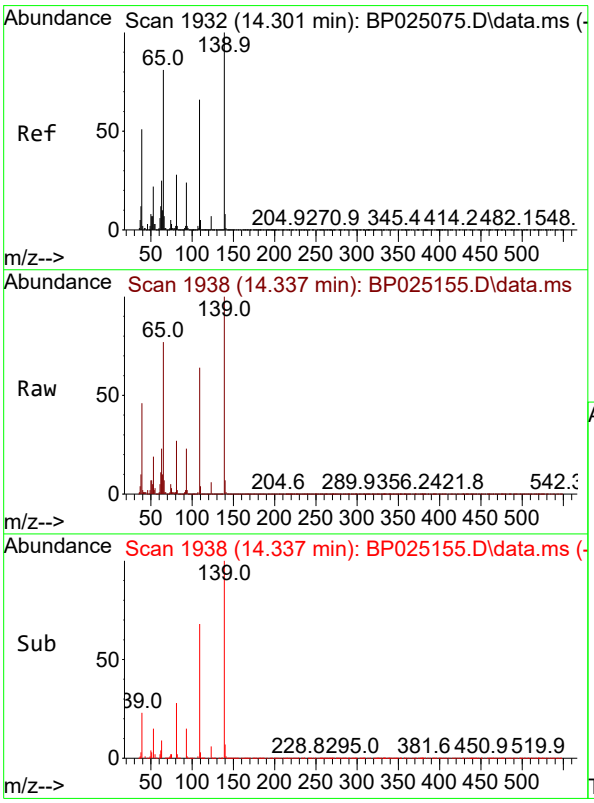
#55
Dibenzofuran
Concen: 39.103 ng
RT: 14.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 5100382

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.6	43.0
169	13.5	10.7	16.1

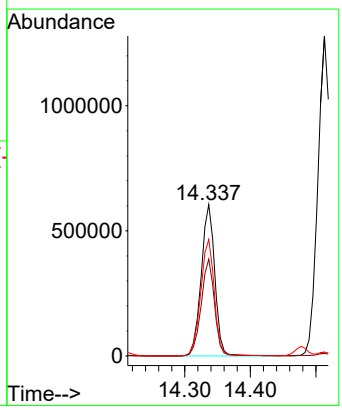


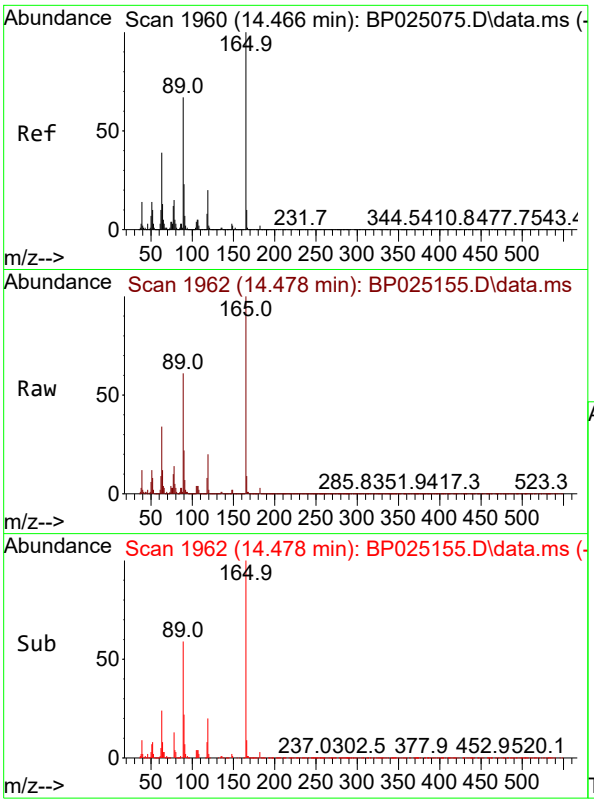


#56
4-Nitrophenol
Concen: 44.110 ng
RT: 14.337 min Scan# 1938
Delta R.T. 0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:139 Resp: 872559

Ion	Ratio	Lower	Upper
139	100		
109	64.0	45.9	85.9
65	77.0	61.4	101.4



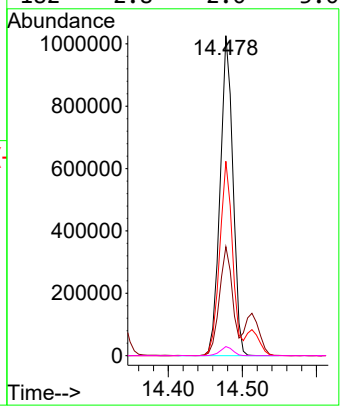


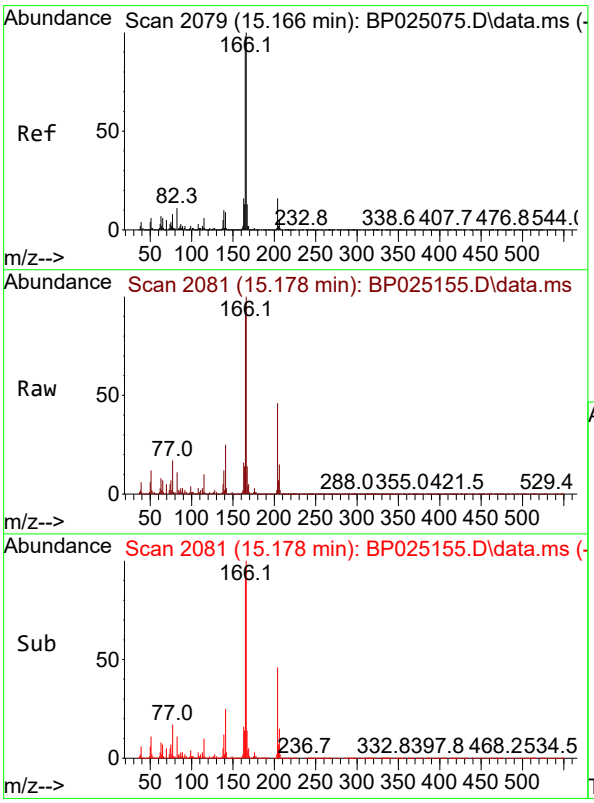
#57
2,4-Dinitrotoluene
Concen: 42.228 ng
RT: 14.478 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 1229754

Ion	Ratio	Lower	Upper
165	100		
63	34.0	31.0	46.4
89	60.7	53.4	80.0
182	2.8	2.0	3.0

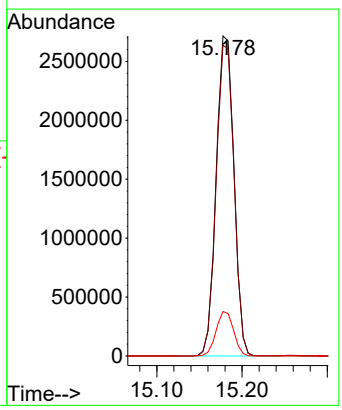


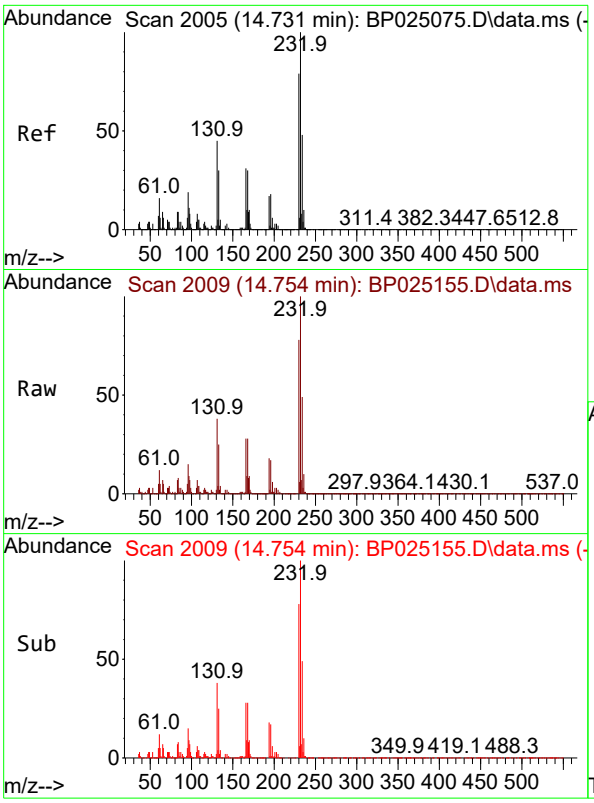


#58
Fluorene
Concen: 39.047 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:166 Resp: 3939328

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	13.9	10.7	16.1



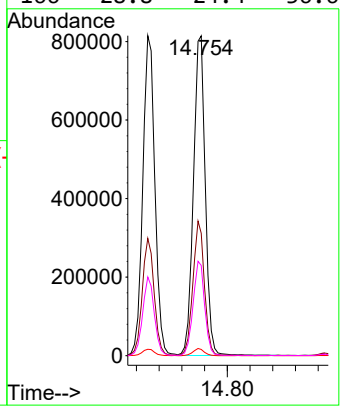


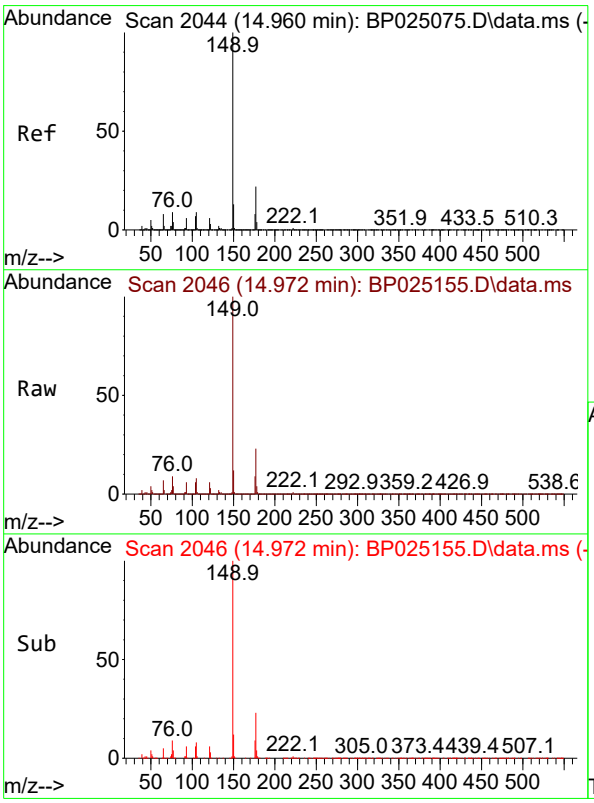
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.184 ng
RT: 14.754 min Scan# 2
Delta R.T. 0.024 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 1182265

Ion	Ratio	Lower	Upper
232	100		
131	40.6	35.7	53.5
130	2.2	1.8	2.6
166	28.8	24.4	36.6

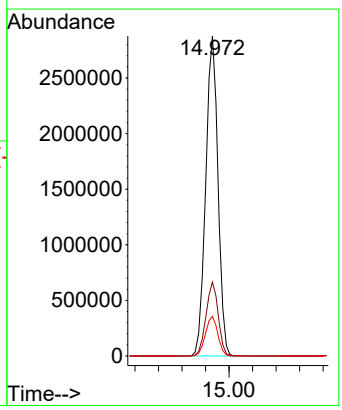


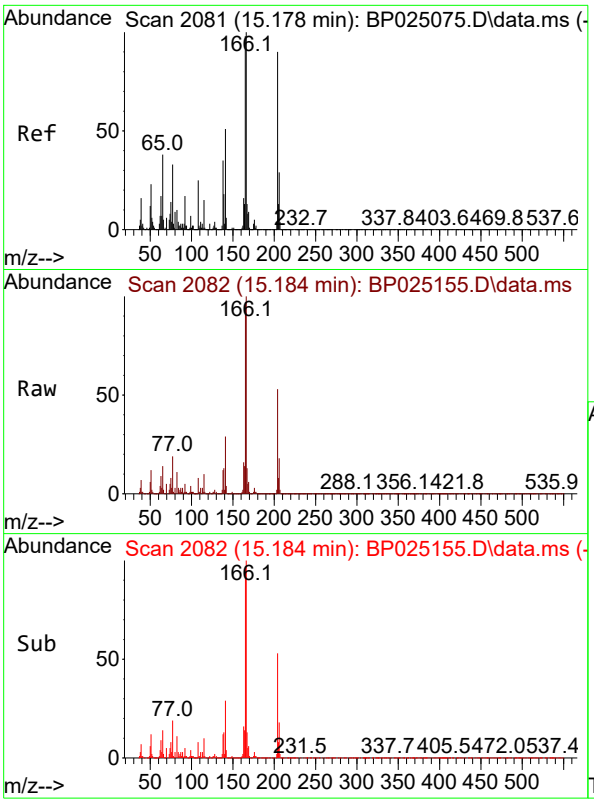


#60
Diethylphthalate
Concen: 40.440 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 4165539

Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.8	26.8
150	12.4	10.2	15.2



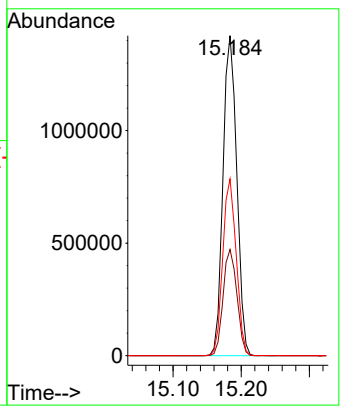


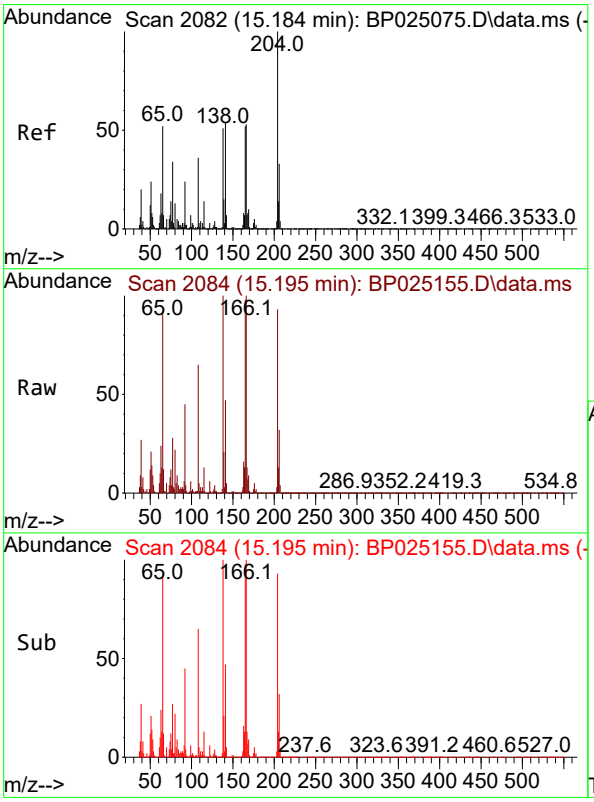
#61
4-Chlorophenyl-phenylether
Concen: 40.075 ng
RT: 15.184 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 2000871

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	55.2	45.1	67.7

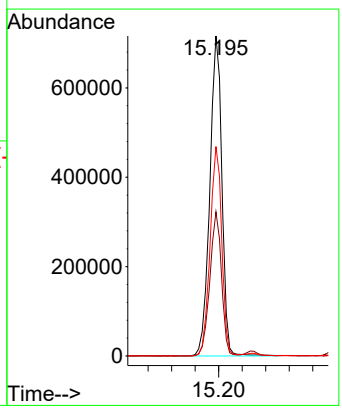


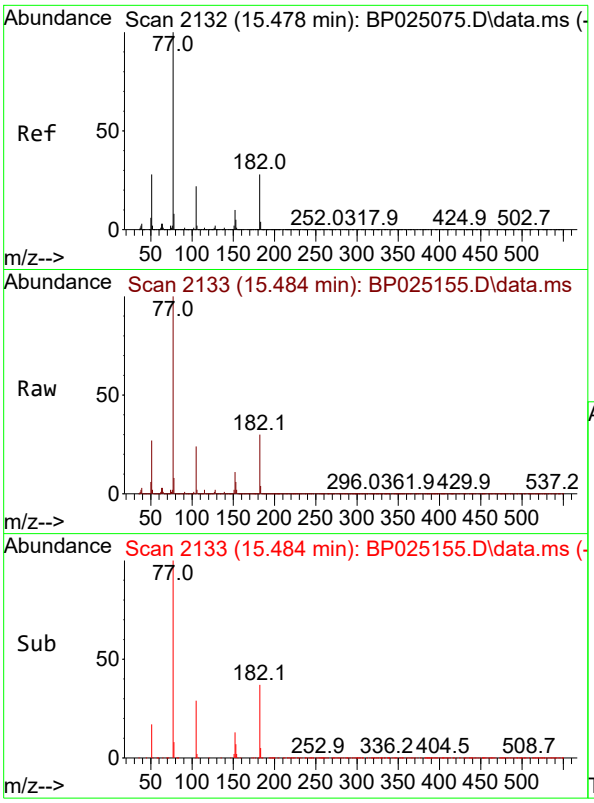


#62
4-Nitroaniline
Concen: 45.492 ng
RT: 15.195 min Scan# 2084
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:138 Resp: 1022502

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	65.4	50.0	90.0



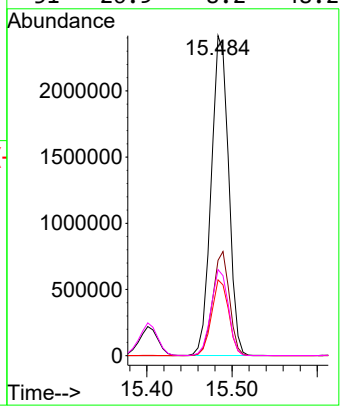


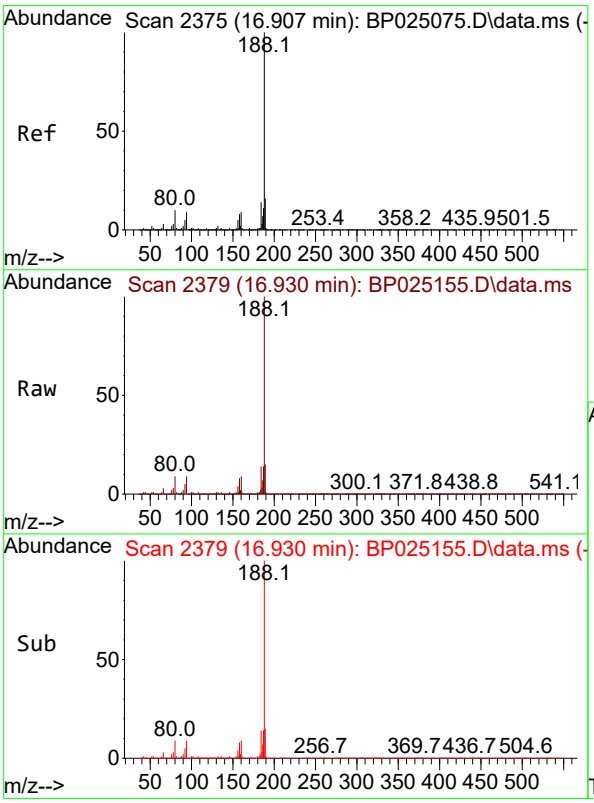
#63
Azobenzene
Concen: 37.279 ng
RT: 15.484 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 3419319

Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.7	47.7
105	23.7	1.9	41.9
51	26.9	8.2	48.2

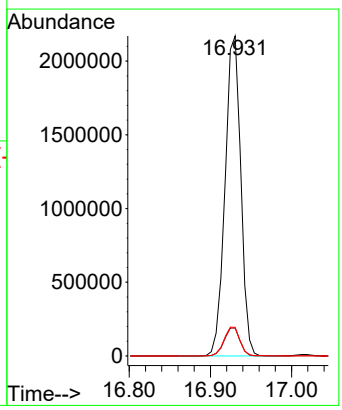


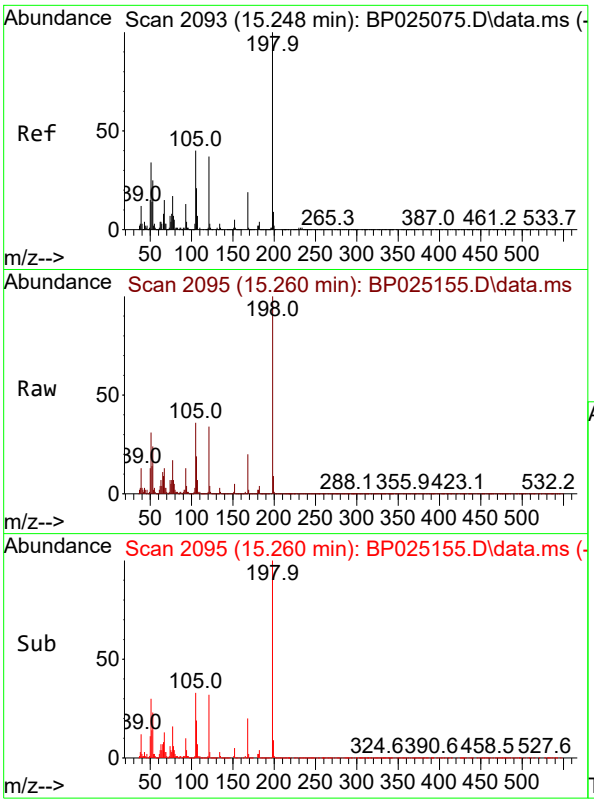


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.930 min Scan# 2379
Delta R.T. 0.023 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:188 Resp: 2922940

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.0	7.8	11.6



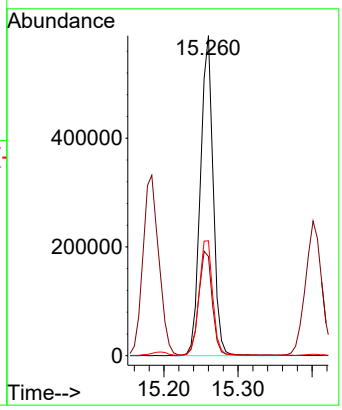


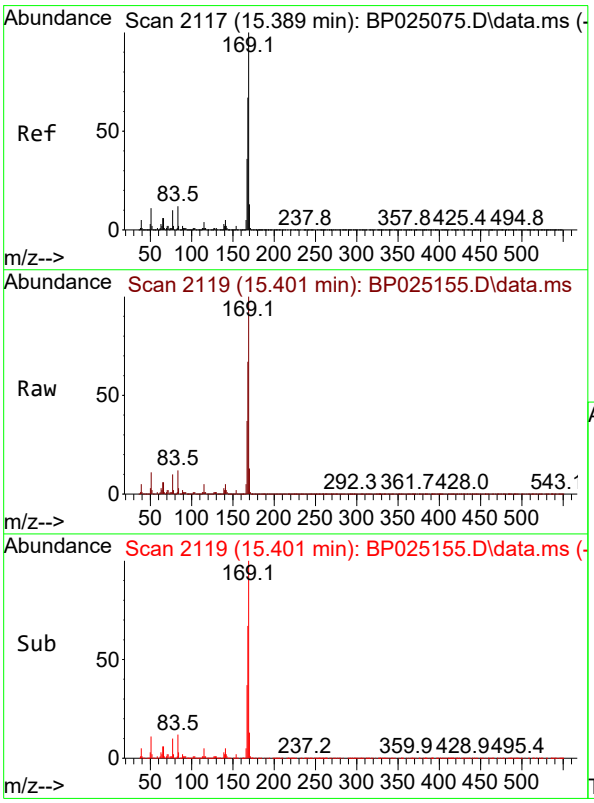
#65
4,6-Dinitro-2-methylphenol
Concen: 52.312 ng
RT: 15.260 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 703358

Ion	Ratio	Lower	Upper
198	100		
51	31.0	16.8	56.8
105	35.9	20.8	60.8

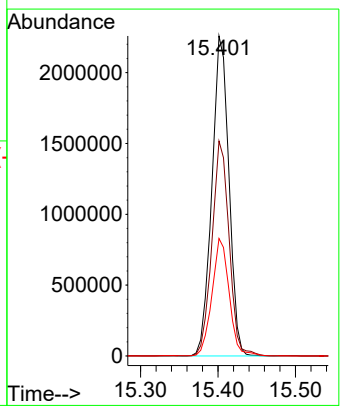


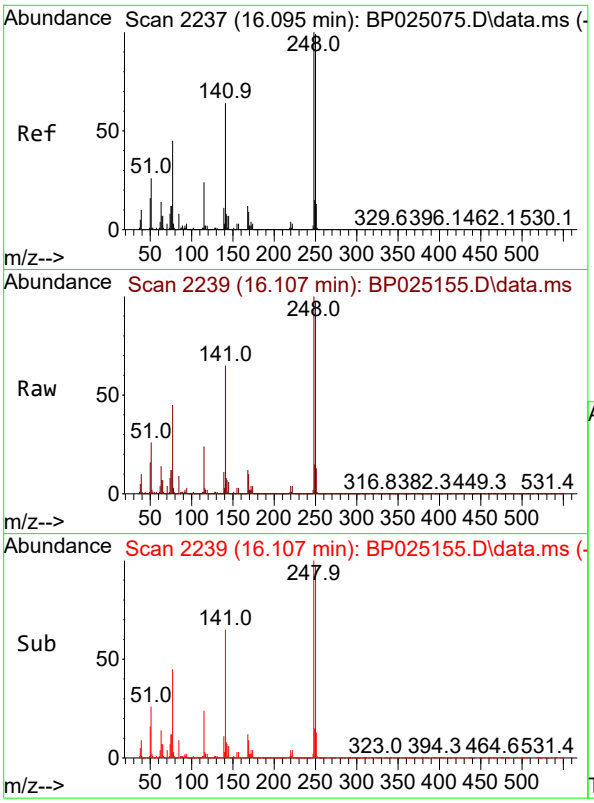


#66
n-Nitrosodiphenylamine
Concen: 41.168 ng
RT: 15.401 min Scan# 2119
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:169 Resp: 3443735

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.1	81.1
167	36.7	29.0	43.6



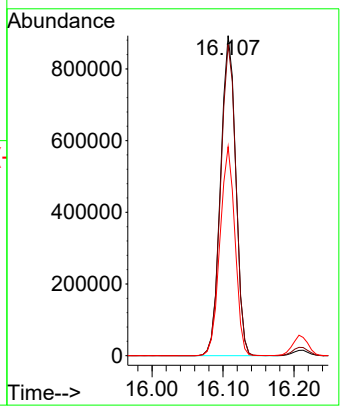


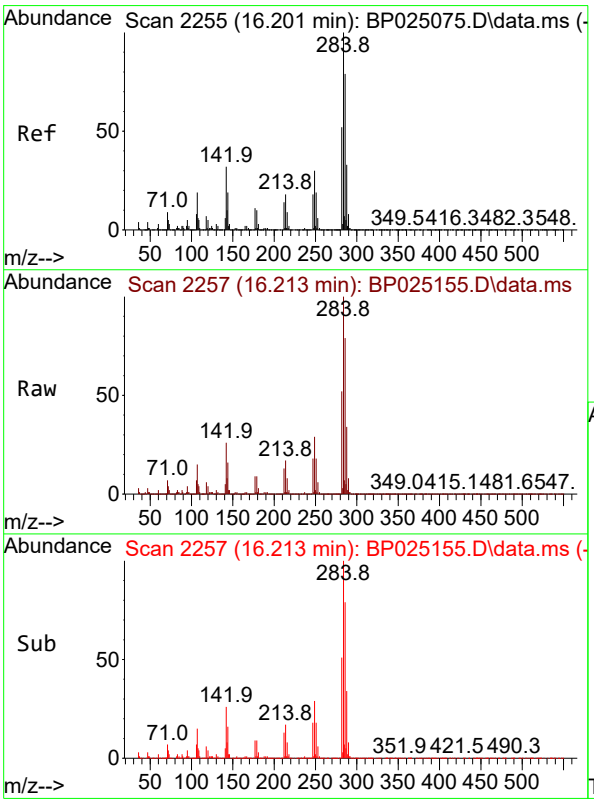
#67
4-Bromophenyl-phenylether
Concen: 44.136 ng
RT: 16.107 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 1320894

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	65.3	51.4	77.0

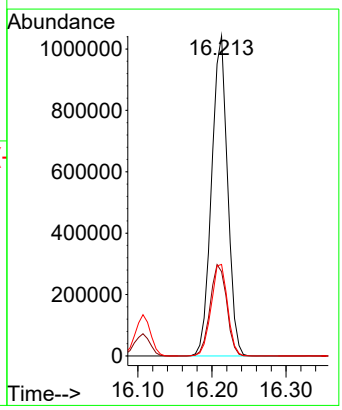


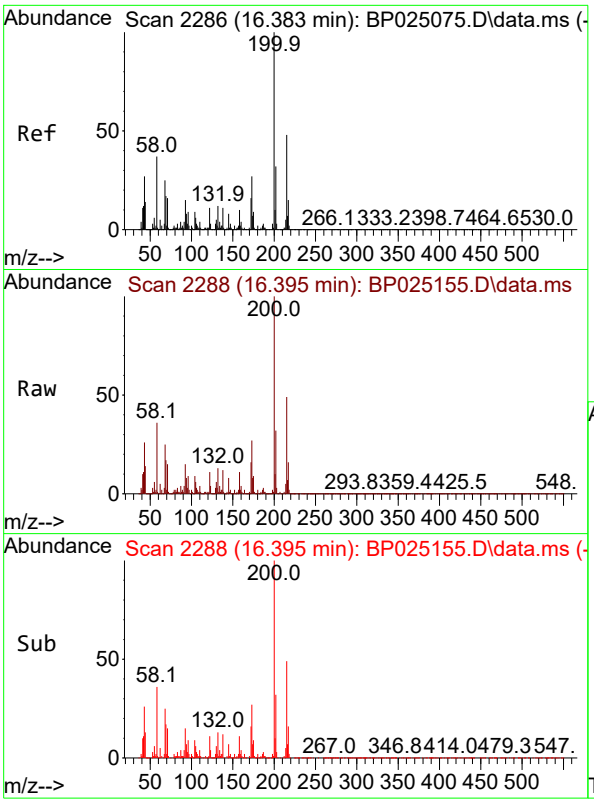


#68
Hexachlorobenzene
Concen: 42.517 ng
RT: 16.213 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:284 Resp: 1555286

Ion	Ratio	Lower	Upper
284	100		
142	26.3	25.9	38.9
249	28.6	23.8	35.8



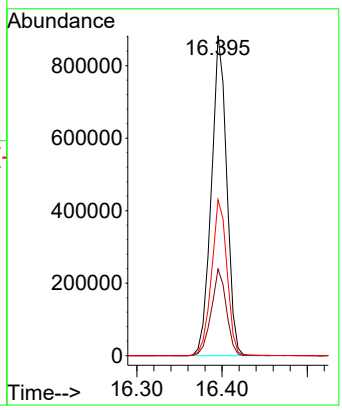


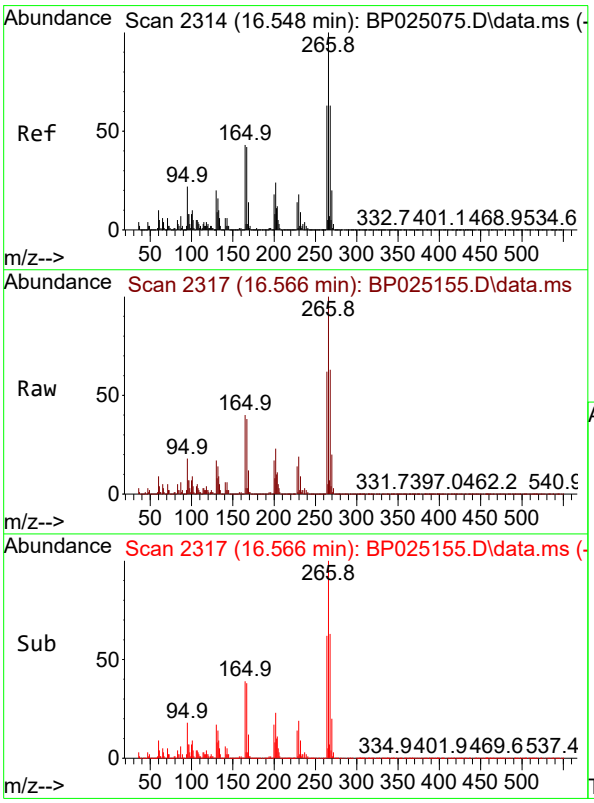
#69
Atrazine
Concen: 44.978 ng
RT: 16.395 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 1102501

Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	48.7	28.0	68.0

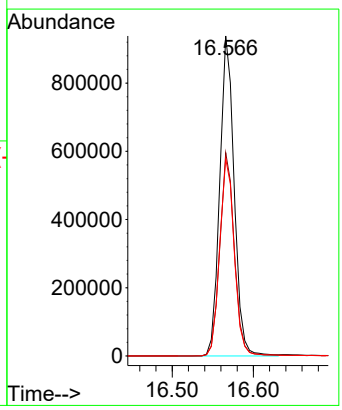


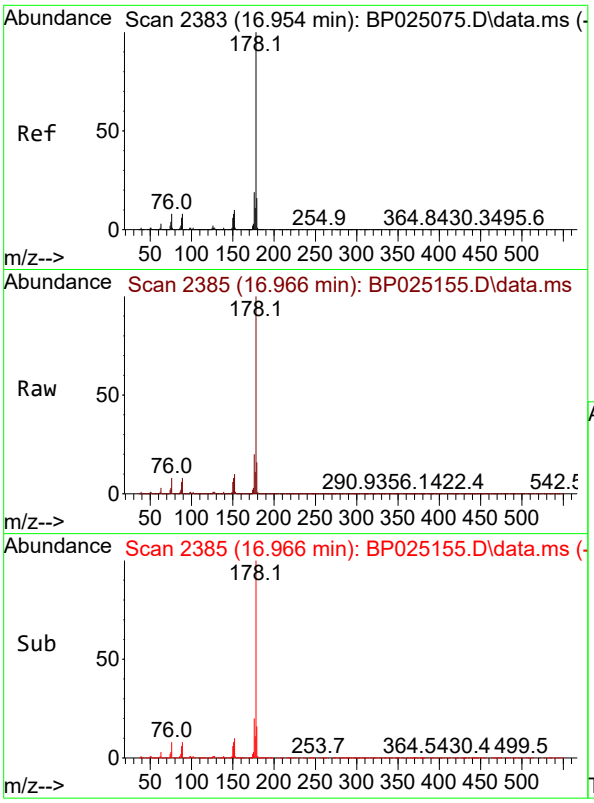


#70
Pentachlorophenol
Concen: 46.949 ng
RT: 16.566 min Scan# 2317
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:266 Resp: 1159837

Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.4	75.6
264	61.6	50.2	75.2



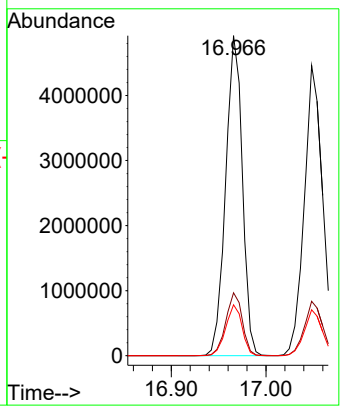


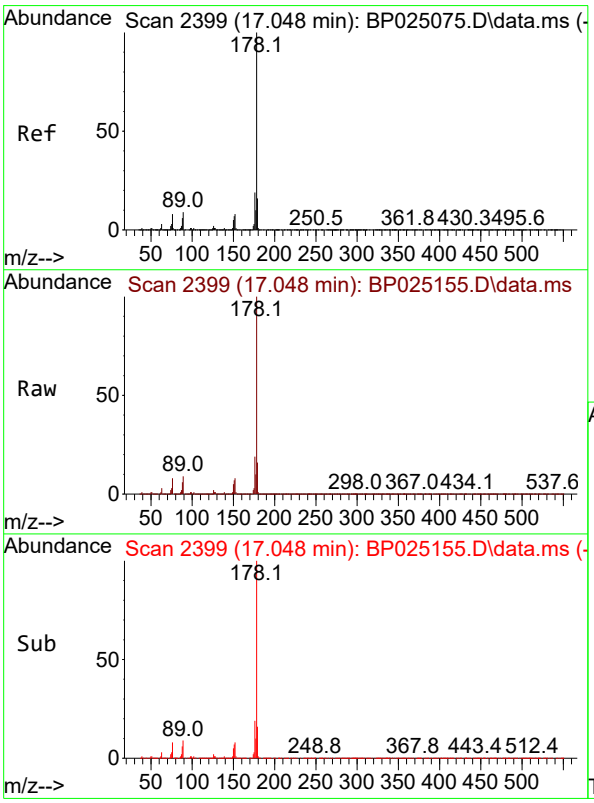
#71
Phenanthrene
Concen: 38.563 ng
RT: 16.966 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 6022930

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.9	12.6	19.0

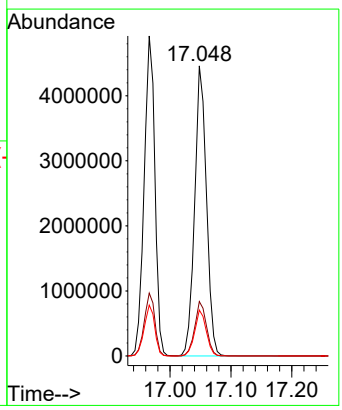


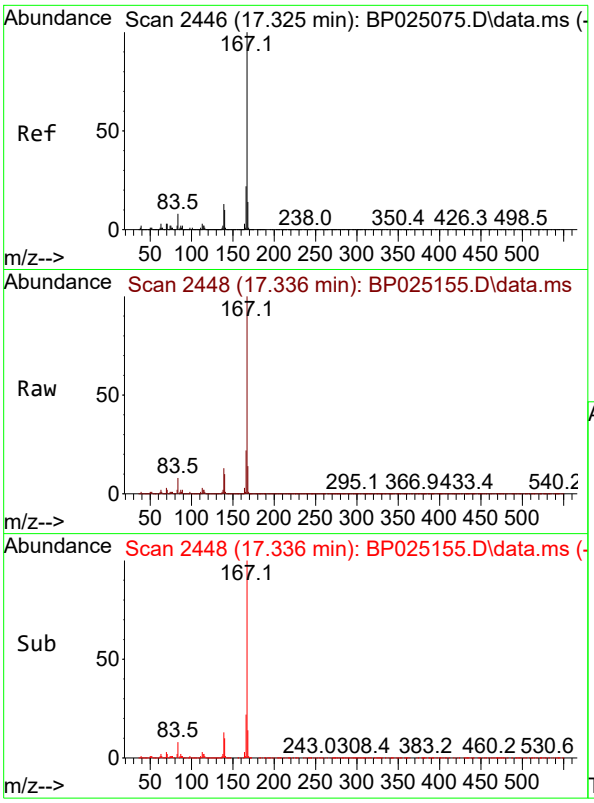


#72
Anthracene
Concen: 40.035 ng
RT: 17.048 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:178 Resp: 5998866

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.8	12.5	18.7



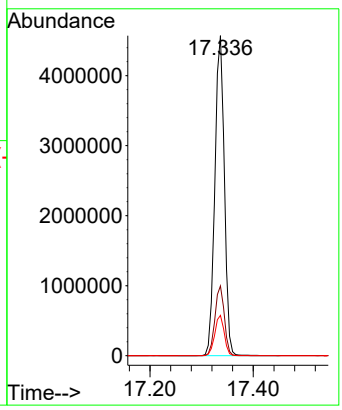


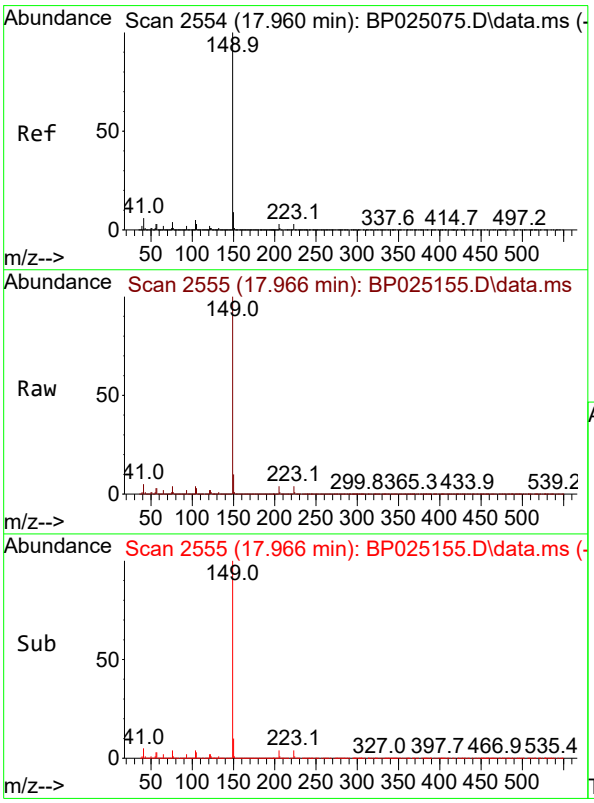
#73
Carbazole
Concen: 39.821 ng
RT: 17.336 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 5833948

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.6	10.4	15.6

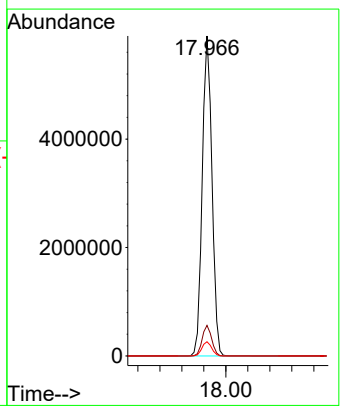


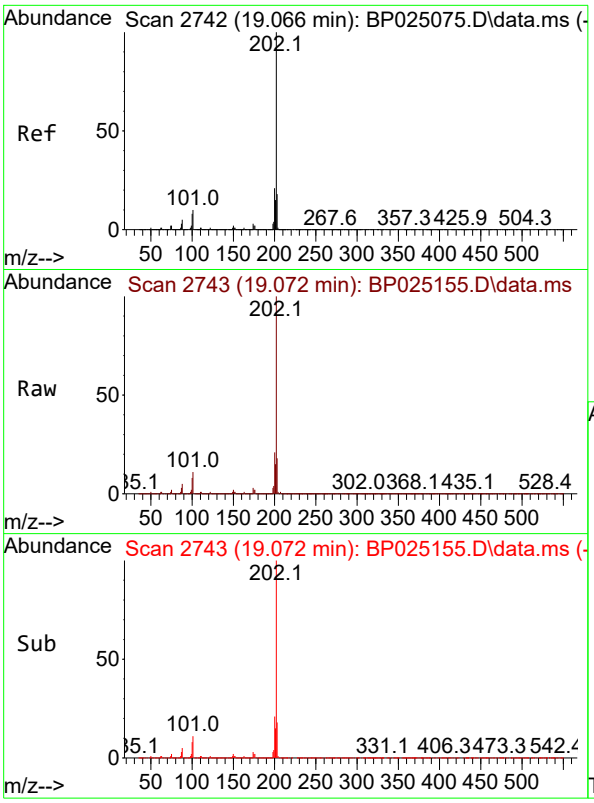


#74
Di-n-butylphthalate
Concen: 44.381 ng
RT: 17.966 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 7240637

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.4	3.8	5.6



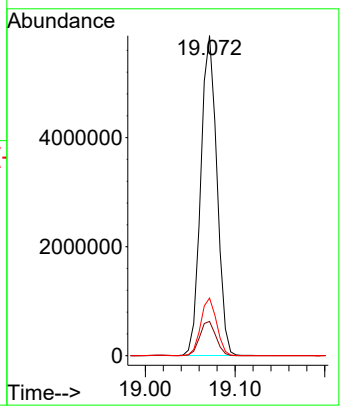


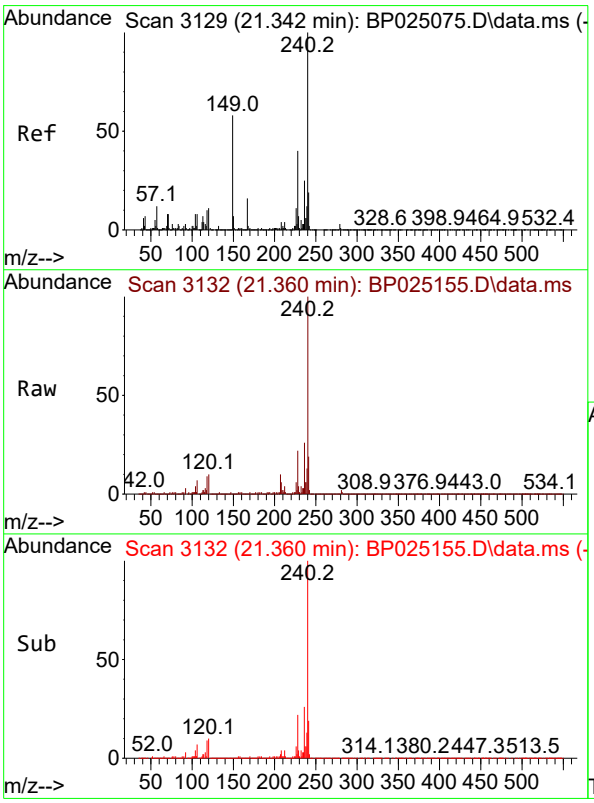
#75
Fluoranthene
Concen: 40.166 ng
RT: 19.072 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 7332841

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	18.0	0.0	37.6

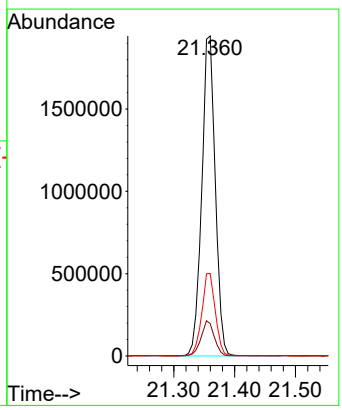


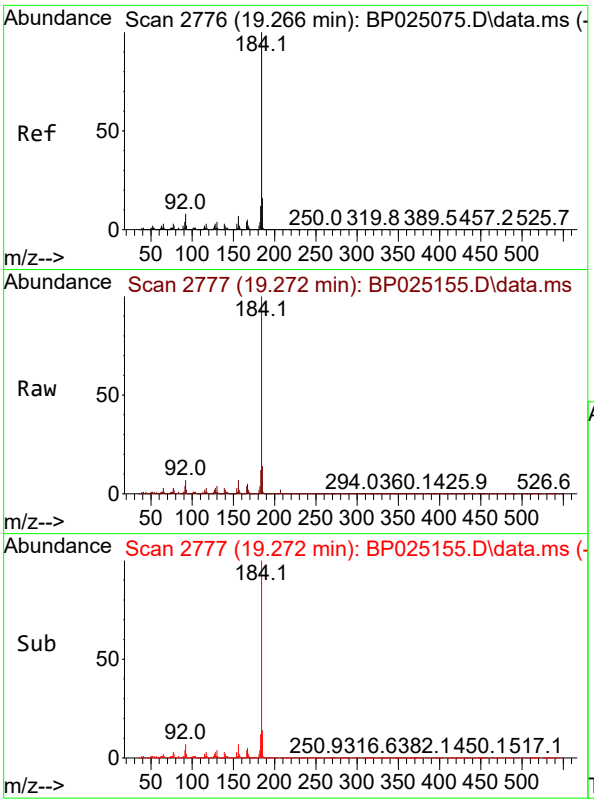


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.360 min Scan# 3132
Delta R.T. 0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:240 Resp: 2997869

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.0	13.4
236	25.8	20.3	30.5



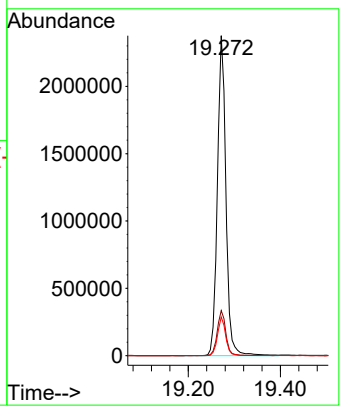


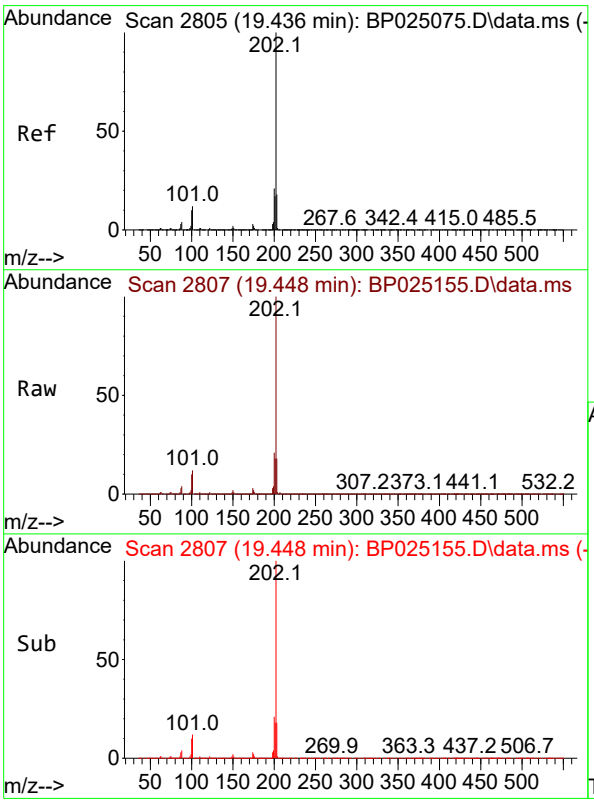
#77
Benzidine
Concen: 57.401 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 3039209

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.6	18.8
183	12.1	9.4	14.2

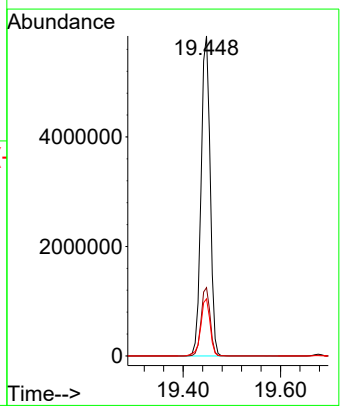


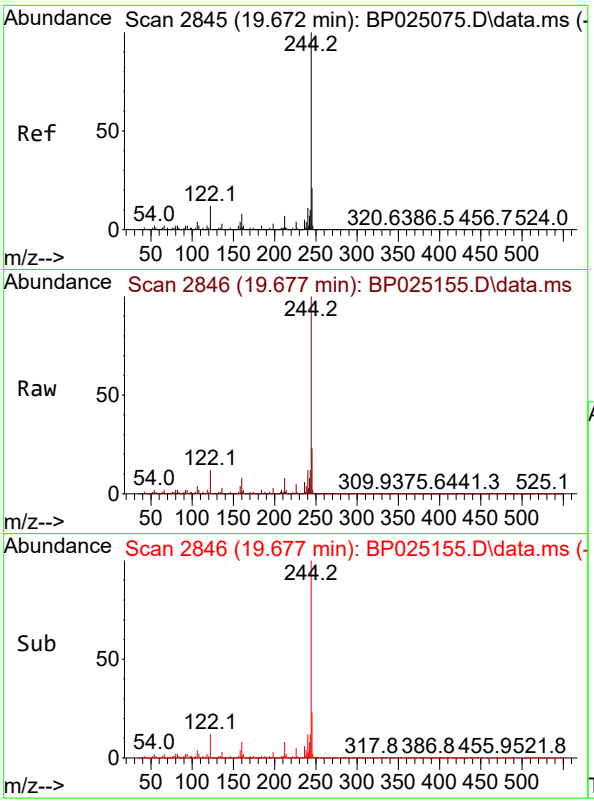


#78
Pyrene
Concen: 40.850 ng
RT: 19.448 min Scan# 2807
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:202 Resp: 7585115

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.8	14.1	21.1



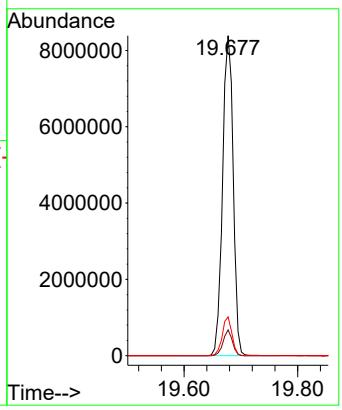


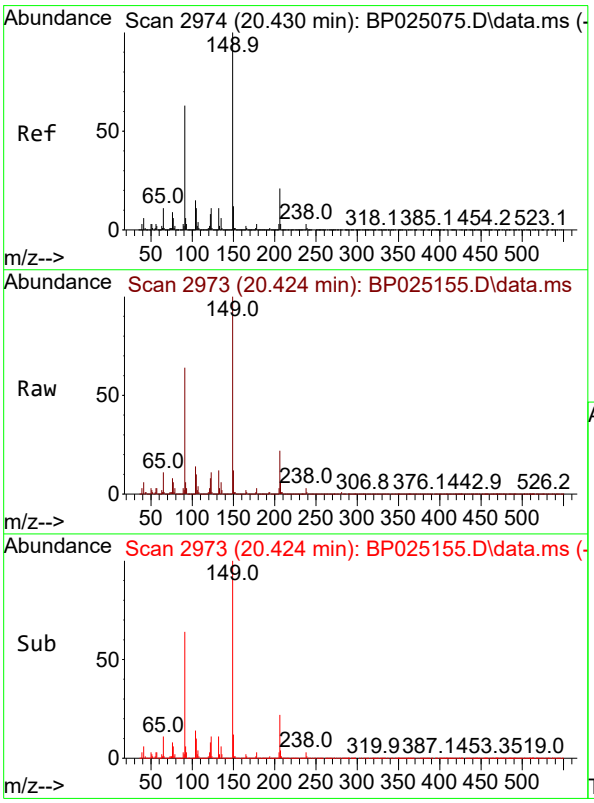
#79
Terphenyl-d14
Concen: 80.210 ng
RT: 19.677 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp:10940897

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	12.1	9.4	14.2

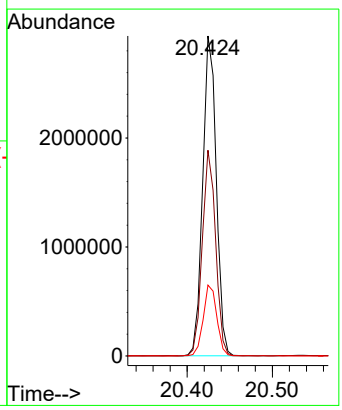


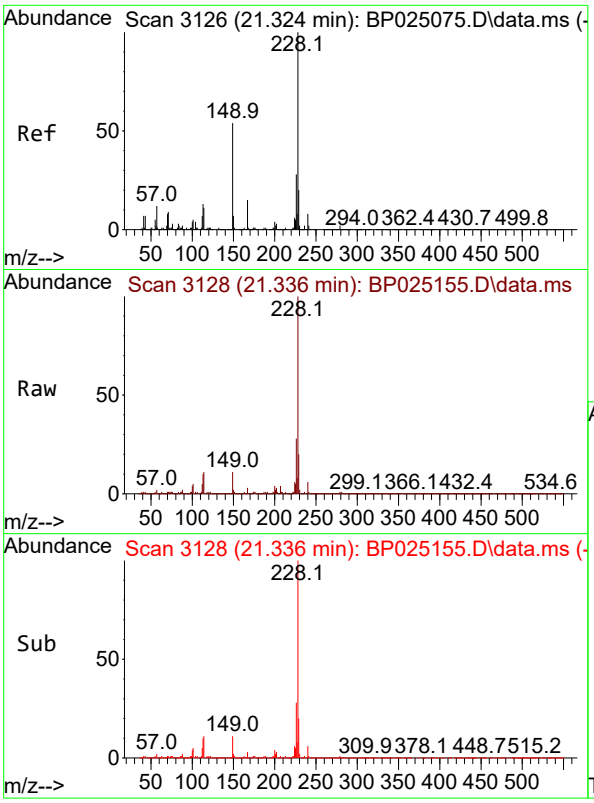


#80
Butylbenzylphthalate
Concen: 45.579 ng
RT: 20.424 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 3246304

Ion	Ratio	Lower	Upper
149	100		
91	64.3	50.6	76.0
206	22.1	17.2	25.8



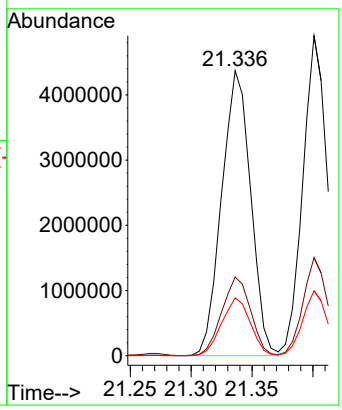


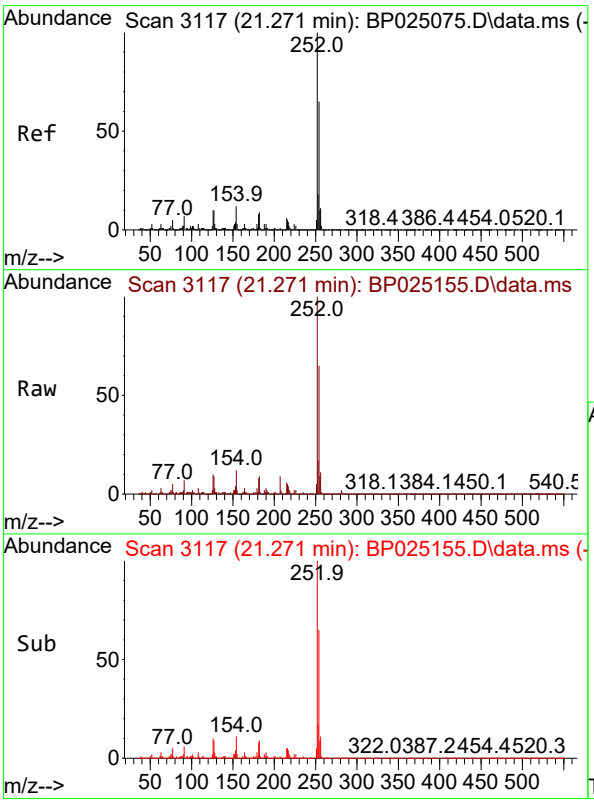
#81
Benzo(a)anthracene
Concen: 39.902 ng
RT: 21.336 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 7249296

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.4	16.0	24.0

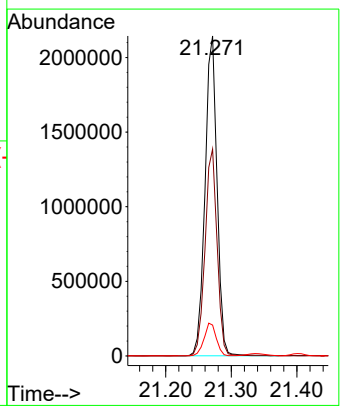


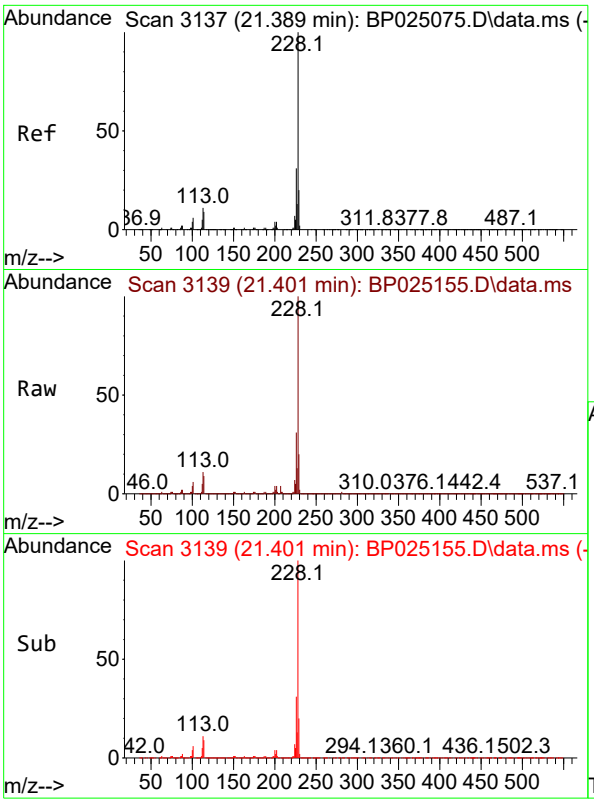


#82
3,3'-Dichlorobenzidine
Concen: 50.003 ng
RT: 21.271 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 2734732

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	9.6	8.1	12.1



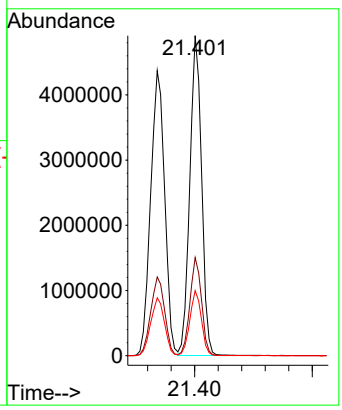


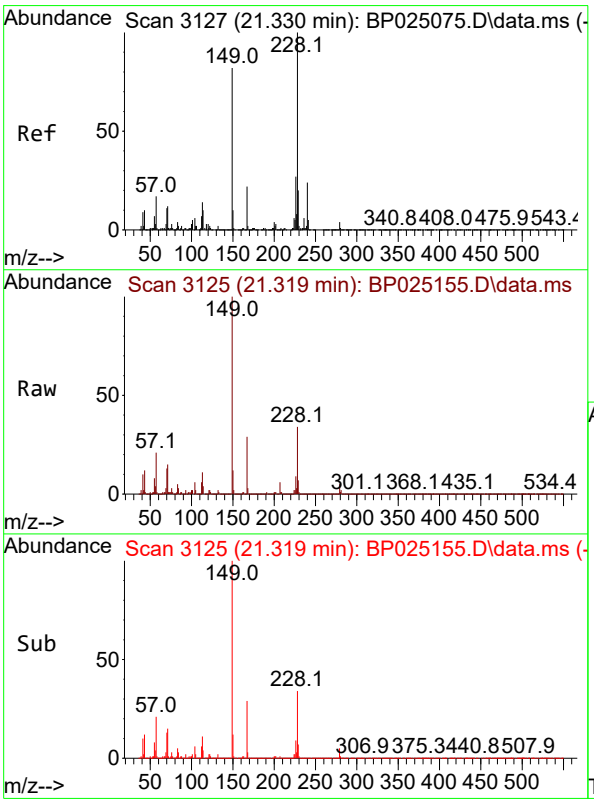
#83
Chrysene
Concen: 39.037 ng
RT: 21.401 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 6824902

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.3	16.0	24.0

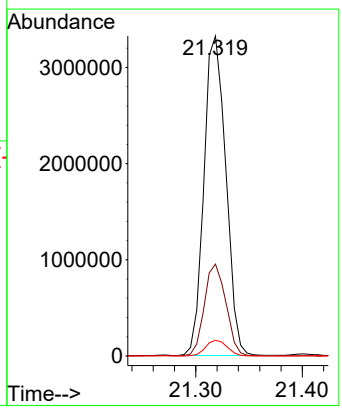


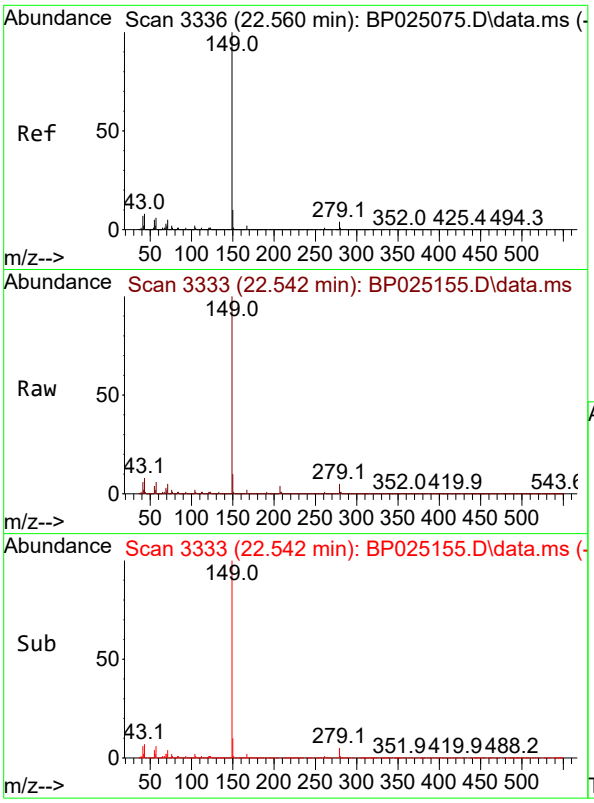


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.728 ng
RT: 21.319 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:149 Resp: 4748475

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.9	32.9
279	4.9	3.5	5.3



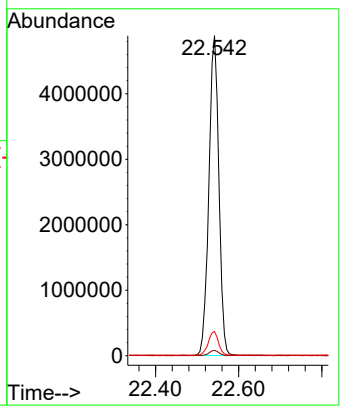


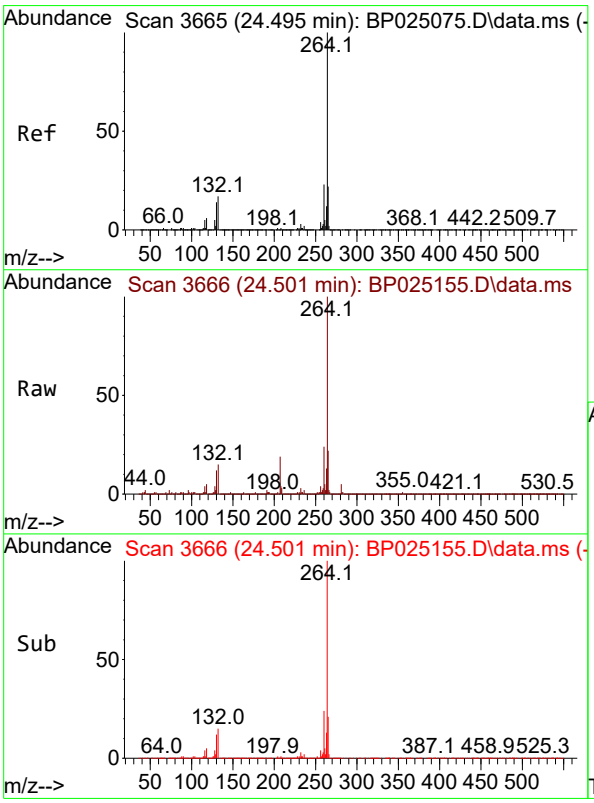
#85
Di-n-octyl phthalate
Concen: 45.843 ng
RT: 22.542 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 8135393

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.9	10.3

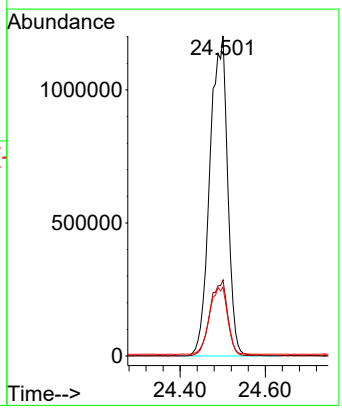


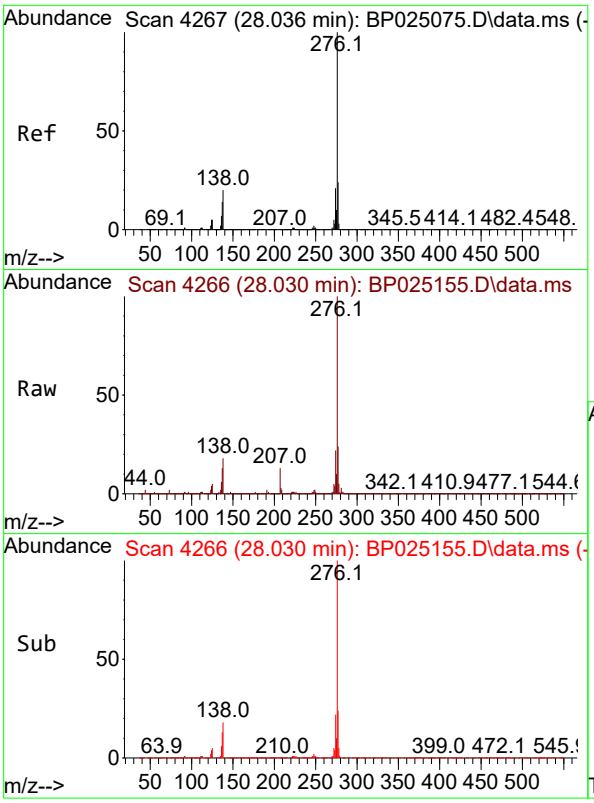


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.501 min Scan# 3666
Delta R.T. 0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:264 Resp: 3472368

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.5	17.7	26.5



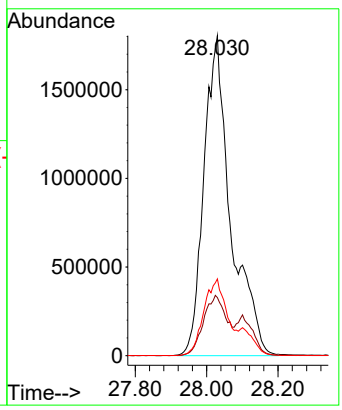


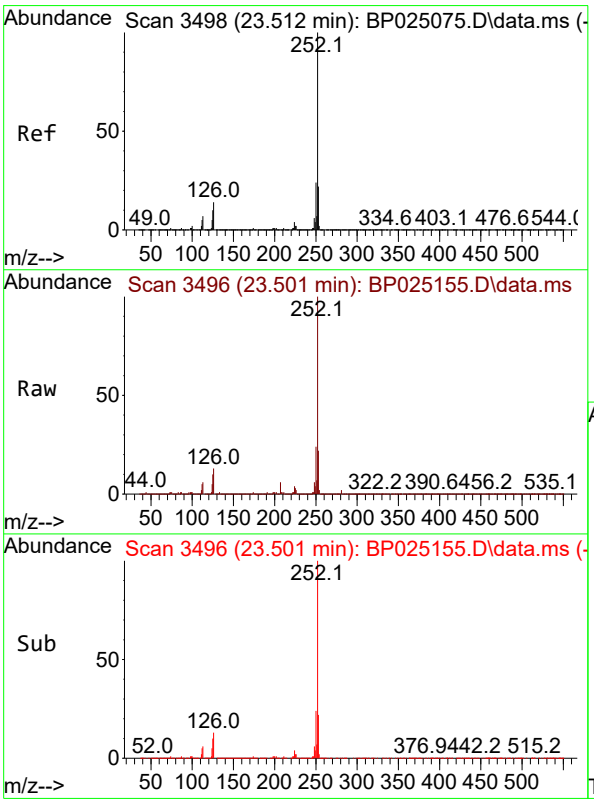
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.621 ng m
RT: 28.030 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 9428099

Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.0	19.6
277	21.0	15.9	23.9

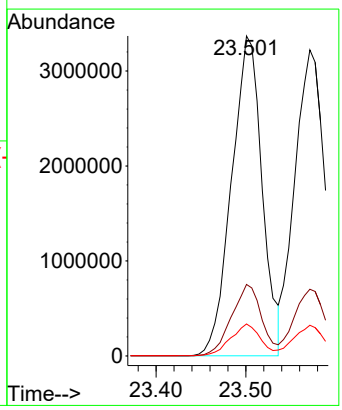


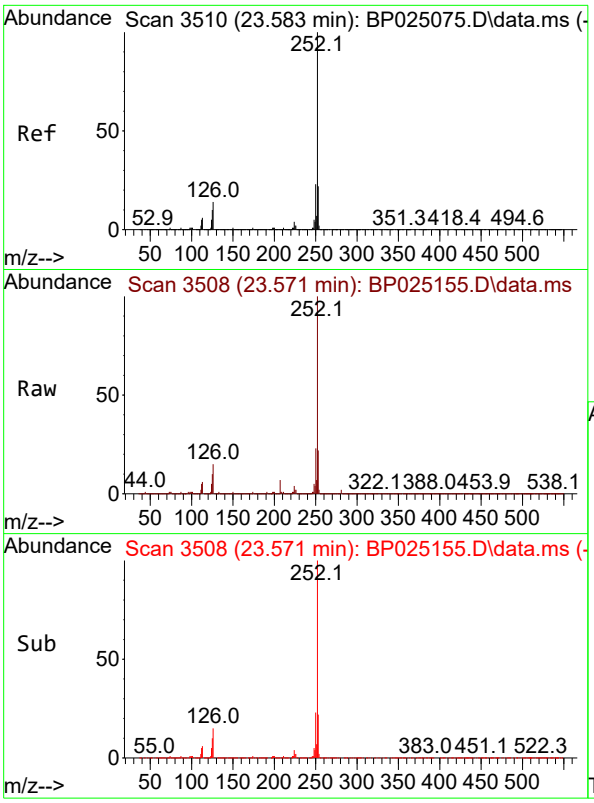


#88
Benzo(b)fluoranthene
Concen: 39.419 ng
RT: 23.501 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 7966965

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.0	8.1	12.1



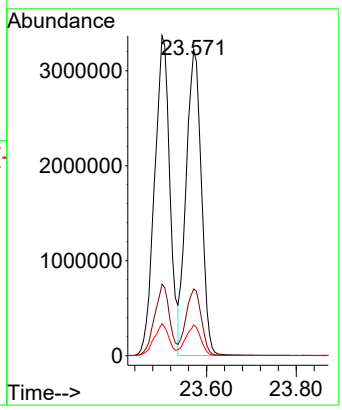


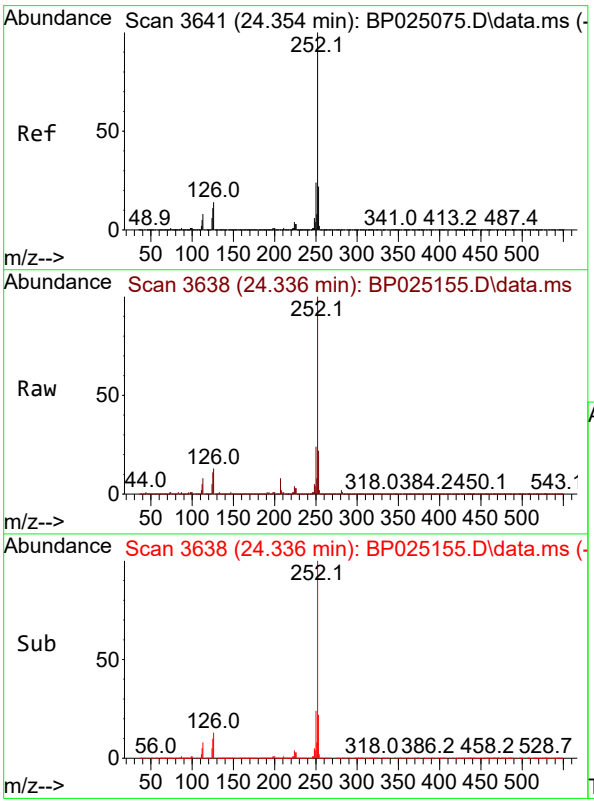
#89
Benzo(k)fluoranthene
Concen: 37.735 ng
RT: 23.571 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 7588345

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.0	8.2	12.2

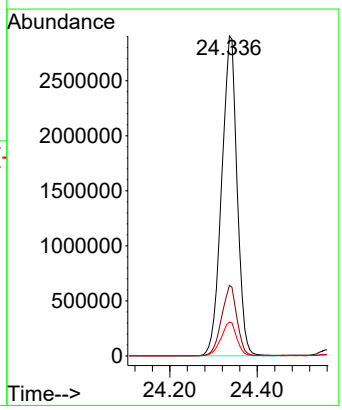


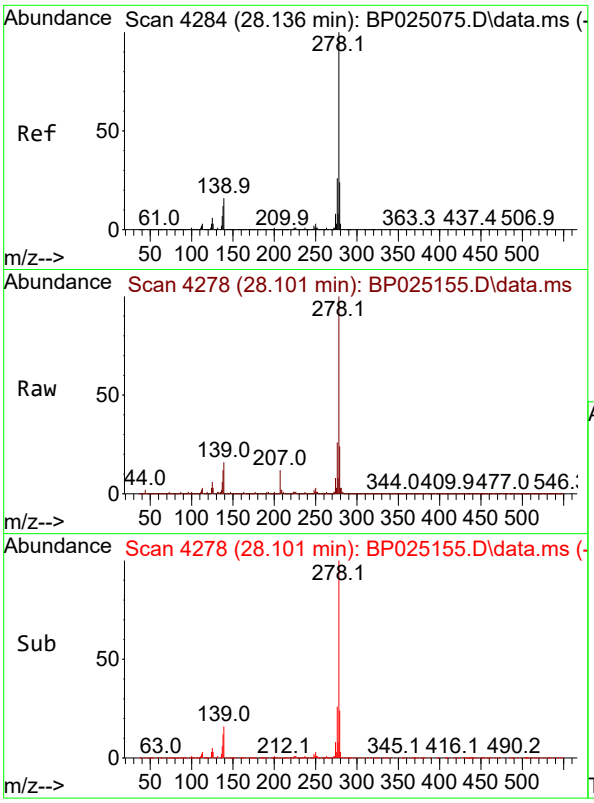


#90
Benzo(a)pyrene
Concen: 41.198 ng
RT: 24.336 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:252 Resp: 7086765

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.5	9.0	13.4



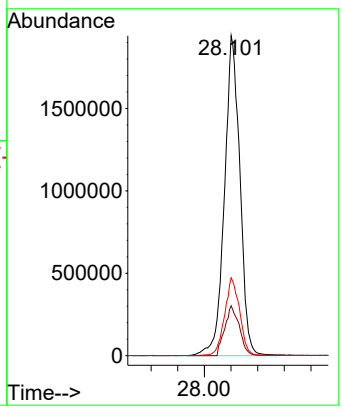


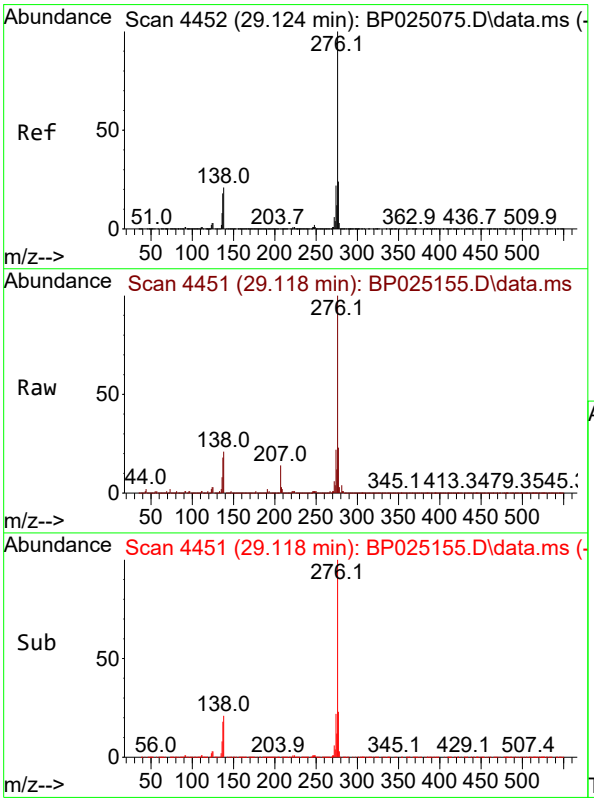
#91
Dibenzo(a,h)anthracene
Concen: 42.809 ng
RT: 28.101 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 7827780

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.1	19.7
279	24.3	18.9	28.3

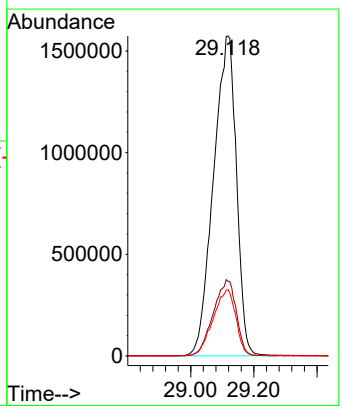




#92
Benzo(g,h,i)perylene
Concen: 41.908 ng
RT: 29.118 min Scan# 4451
Delta R.T. -0.006 min
Lab File: BP025155.D
Acq: 16 Jul 2025 12:42

Tgt Ion:276 Resp: 7916064

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.3	28.9
138	20.7	16.9	25.3



Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	145	0.00
2		1,4-Dioxane	0.439	0.407	7.3	135	0.00
3		Pyridine	1.202	1.146	4.7	135	0.00
4		n-Nitrosodimethylamine	0.509	0.453	11.0	129	0.00
5	S	2-Fluorophenol	1.129	1.127	0.2	144	0.00
6		Aniline	1.376	1.352	1.7	141	0.00
7	S	Phenol-d6	1.473	1.456	1.2	144	0.00
8		2-Chlorophenol	1.263	1.281	-1.4	147	0.00
9		Benzaldehyde	0.769	0.625	18.7	125	0.00
10	C	Phenol	1.497	1.451	3.1	142	0.01
11		bis(2-Chloroethyl)ether	1.152	1.106	4.0	143	0.00
12		1,3-Dichlorobenzene	1.413	1.388	1.8	146	0.00
13	C	1,4-Dichlorobenzene	1.431	1.418	0.9	146	0.00
14		1,2-Dichlorobenzene	1.377	1.347	2.2	144	0.00
15		Benzyl Alcohol	0.983	0.998	-1.5	151#	0.00
16		2,2'-oxybis(1-Chloropropane	1.498	1.353	9.7	136	0.00
17		2-Methylphenol	0.964	0.980	-1.7	146	0.01
18		Hexachloroethane	0.466	0.474	-1.7	149	0.00
19	P	n-Nitroso-di-n-propylamine	0.874	0.858	1.8	143	0.00
20		3+4-Methylphenols	1.350	1.353	-0.2	147	0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	143	0.01
22		Acetophenone	0.473	0.462	2.3	142	0.00
23	S	Nitrobenzene-d5	0.301	0.315	-4.7	147	0.00
24		Nitrobenzene	0.306	0.312	-2.0	144	0.00
25		Isophorone	0.562	0.566	-0.7	145	0.01
26	C	2-Nitrophenol	0.128	0.181	-41.4#	195#	0.00
27		2,4-Dimethylphenol	0.210	0.215	-2.4	148	0.00
28		bis(2-Chloroethoxy)methane	0.382	0.379	0.8	145	0.00
29	C	2,4-Dichlorophenol	0.291	0.318	-9.3	152#	0.02
30		1,2,4-Trichlorobenzene	0.322	0.331	-2.8	149	0.00
31		Naphthalene	1.030	1.012	1.7	144	0.02
32		Benzoic acid	0.185	0.266	-43.8#	205#	0.04
33		4-Chloroaniline	0.384	0.391	-1.8	144	0.00
34	C	Hexachlorobutadiene	0.185	0.194	-4.9	153#	0.00
35		Caprolactam	0.099	0.105	-6.1	149	0.04
36	C	4-Chloro-3-methylphenol	0.304	0.323	-6.3	150	0.02
37		2-Methylnaphthalene	0.727	0.726	0.1	145	0.01
38		1-Methylnaphthalene	0.709	0.707	0.3	147	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	146	0.00
40		1,2,4,5-Tetrachlorobenzene	0.575	0.598	-4.0	151#	0.01
41	P	Hexachlorocyclopentadiene	0.150	0.183	-22.0	179#	0.00
42	S	2,4,6-Tribromophenol	0.236	0.289	-22.5	171#	0.01
43	C	2,4,6-Trichlorophenol	0.348	0.402	-15.5	159#	0.00
44		2,4,5-Trichlorophenol	0.394	0.436	-10.7	155#	0.02
45	S	2-Fluorobiphenyl	1.291	1.243	3.7	142	0.00
46		1,1'-Biphenyl	1.455	1.427	1.9	143	0.00
47		2-Chloronaphthalene	1.094	1.096	-0.2	147	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.237	0.281	-18.6	158#	0.00
49		Acenaphthylene	1.674	1.681	-0.4	144	0.00
50		Dimethylphthalate	1.400	1.424	-1.7	148	0.00
51		2,6-Dinitrotoluene	0.273	0.307	-12.5	152#	0.01
52	C	Acenaphthene	1.079	1.056	2.1	145	0.00
53		3-Nitroaniline	0.293	0.331	-13.0	150#	0.02
54	P	2,4-Dinitrophenol	0.114	0.172	-50.9#	215#	0.02
55		Dibenzofuran	1.781	1.741	2.2	144	0.00
56	P	4-Nitrophenol	0.270	0.298	-10.4	152#	0.04
57		2,4-Dinitrotoluene	0.356	0.420	-18.0	157#	0.01
58		Fluorene	1.377	1.344	2.4	141	0.01
59		2,3,4,6-Tetrachlorophenol	0.357	0.403	-12.9	159#	0.02
60		Diethylphthalate	1.406	1.422	-1.1	145	0.01
61		4-Chlorophenyl-phenylether	0.682	0.683	-0.1	147	0.00
62		4-Nitroaniline	0.307	0.349	-13.7	149	0.01
63		Azobenzene	1.252	1.167	6.8	135	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	142	0.02
65		4,6-Dinitro-2-methylphenol	0.082	0.120	-46.3#	209#	0.01
66	c	n-Nitrosodiphenylamine	0.572	0.589	-3.0	146	0.01
67		4-Bromophenyl-phenylether	0.205	0.226	-10.2	157#	0.01
68		Hexachlorobenzene	0.250	0.266	-6.4	152#	0.01
69		Atrazine	0.168	0.189	-12.5	155#	0.01
70	C	Pentachlorophenol	0.169	0.198	-17.2	164#	0.02
71		Phenanthrene	1.069	1.030	3.6	137	0.01
72		Anthracene	1.025	1.026	-0.1	140	0.00
73		Carbazole	1.002	0.998	0.4	137	0.01
74		Di-n-butylphthalate	1.116	1.239	-11.0	148	0.00
75	C	Fluoranthene	1.249	1.254	-0.4	138	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	132	0.02
77		Benzidine	0.353	0.507	-43.6#	118	0.00
78		Pyrene	1.239	1.265	-2.1	136	0.01
79	S	Terphenyl-d14	0.910	0.912	-0.2	132	0.00
80		Butylbenzylphthalate	0.402	0.541	-34.6#	163#	0.00
81		Benzo(a)anthracene	1.212	1.209	0.2	132	0.01
82		3,3'-Dichlorobenzidine	0.365	0.456	-24.9	155#	0.00
83		Chrysene	1.166	1.138	2.4	130	0.01
84		Bis(2-ethylhexyl)phthalate	0.650	0.792	-21.8	149	-0.01
85	c	Di-n-octyl phthalate	1.054	1.357	-28.7#	164#	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	143	0.00
87		Indeno(1,2,3-cd)pyrene	1.274	1.358	-6.6	146	0.00
88		Benzo(b)fluoranthene	1.164	1.147	1.5	136	-0.01
89		Benzo(k)fluoranthene	1.158	1.093	5.6	135	-0.01
90	C	Benzo(a)pyrene	0.991	1.020	-2.9	141	-0.02
91		Dibenzo(a,h)anthracene	1.053	1.127	-7.0	147	-0.04
92		Benzo(g,h,i)perylene	1.088	1.140	-4.8	144	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 2

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	145	0.00
2		1,4-Dioxane	40.000	37.074	7.3	135	0.00
3		Pyridine	40.000	38.154	4.6	135	0.00
4		n-Nitrosodimethylamine	40.000	35.626	10.9	129	0.00
5	S	2-Fluorophenol	80.000	79.902	0.1	144	0.00
6		Aniline	40.000	39.303	1.7	141	0.00
7	S	Phenol-d6	80.000	79.090	1.1	144	0.00
8		2-Chlorophenol	40.000	40.568	-1.4	147	0.00
9		Benzaldehyde	40.000	32.488	18.8	125	0.00
10	C	Phenol	40.000	38.780	3.0	142	0.01
11		bis(2-Chloroethyl)ether	40.000	38.418	4.0	143	0.00
12		1,3-Dichlorobenzene	40.000	39.280	1.8	146	0.00
13	C	1,4-Dichlorobenzene	40.000	39.630	0.9	146	0.00
14		1,2-Dichlorobenzene	40.000	39.152	2.1	144	0.00
15		Benzyl Alcohol	40.000	40.592	-1.5	151	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.122	9.7	136	0.00
17		2-Methylphenol	40.000	40.646	-1.6	146	0.01
18		Hexachloroethane	40.000	40.630	-1.6	149	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.280	1.8	143	0.00
20		3+4-Methylphenols	40.000	40.071	-0.2	147	0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	143	0.01
22		Acetophenone	40.000	39.045	2.4	142	0.00
23	S	Nitrobenzene-d5	80.000	83.838	-4.8	147	0.00
24		Nitrobenzene	40.000	40.716	-1.8	144	0.00
25		Isophorone	40.000	40.280	-0.7	145	0.01
26	C	2-Nitrophenol	40.000	48.687	-21.7#	195	0.00
27		2,4-Dimethylphenol	40.000	40.971	-2.4	148	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.712	0.7	145	0.00
29	C	2,4-Dichlorophenol	40.000	43.726	-9.3	152	0.02
30		1,2,4-Trichlorobenzene	40.000	41.157	-2.9	149	0.00
31		Naphthalene	40.000	39.315	1.7	144	0.02
32		Benzoic acid	40.000	50.471	-26.2#	205	0.04
33		4-Chloroaniline	40.000	40.686	-1.7	144	0.00
34	C	Hexachlorobutadiene	40.000	42.006	-5.0	153	0.00
35		Caprolactam	40.000	42.071	-5.2	149	0.04
36	C	4-Chloro-3-methylphenol	40.000	42.541	-6.4	150	0.02
37		2-Methylnaphthalene	40.000	39.967	0.1	145	0.01
38		1-Methylnaphthalene	40.000	39.900	0.3	147	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	146	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	41.626	-4.1	151	0.01
41	P	Hexachlorocyclopentadiene	40.000	48.784	-22.0	179	0.00
42	S	2,4,6-Tribromophenol	80.000	97.740	-22.2	171	0.01
43	C	2,4,6-Trichlorophenol	40.000	46.244	-15.6	159	0.00
44		2,4,5-Trichlorophenol	40.000	44.191	-10.5	155	0.02
45	S	2-Fluorobiphenyl	80.000	77.043	3.7	142	0.00
46		1,1'-Biphenyl	40.000	39.223	1.9	143	0.00
47		2-Chloronaphthalene	40.000	40.068	-0.2	147	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.274	-5.7	158	0.00
49		Acenaphthylene	40.000	40.174	-0.4	144	0.00
50		Dimethylphthalate	40.000	40.672	-1.7	148	0.00
51		2,6-Dinitrotoluene	40.000	44.961	-12.4	152	0.01
52	C	Acenaphthene	40.000	39.159	2.1	145	0.00
53		3-Nitroaniline	40.000	45.249	-13.1	150	0.02
54	P	2,4-Dinitrophenol	40.000	53.458	-33.6#	215	0.02
55		Dibenzofuran	40.000	39.103	2.2	144	0.00
56	P	4-Nitrophenol	40.000	44.110	-10.3	152	0.04
57		2,4-Dinitrotoluene	40.000	42.228	-5.6	157	0.01
58		Fluorene	40.000	39.047	2.4	141	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	45.184	-13.0	159	0.02
60		Diethylphthalate	40.000	40.440	-1.1	145	0.01
61		4-Chlorophenyl-phenylether	40.000	40.075	-0.2	147	0.00
62		4-Nitroaniline	40.000	45.492	-13.7	149	0.01
63		Azobenzene	40.000	37.279	6.8	135	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	142	0.02
65		4,6-Dinitro-2-methylphenol	40.000	52.312	-30.8#	209	0.01
66	c	n-Nitrosodiphenylamine	40.000	41.168	-2.9	146	0.01
67		4-Bromophenyl-phenylether	40.000	44.136	-10.3	157	0.01
68		Hexachlorobenzene	40.000	42.517	-6.3	152	0.01
69		Atrazine	40.000	44.978	-12.4	155	0.01
70	C	Pentachlorophenol	40.000	46.949	-17.4	164	0.02
71		Phenanthrene	40.000	38.563	3.6	137	0.01
72		Anthracene	40.000	40.035	-0.1	140	0.00
73		Carbazole	40.000	39.821	0.4	137	0.01
74		Di-n-butylphthalate	40.000	44.381	-11.0	148	0.00
75	C	Fluoranthene	40.000	40.166	-0.4	138	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	132	0.02
77		Benzidine	40.000	57.401	-43.5#	118	0.00
78		Pyrene	40.000	40.850	-2.1	136	0.01
79	S	Terphenyl-d14	80.000	80.210	-0.3	132	0.00
80		Butylbenzylphthalate	40.000	45.579	-13.9	163	0.00
81		Benzo(a)anthracene	40.000	39.902	0.2	132	0.01
82		3,3'-Dichlorobenzidine	40.000	50.003	-25.0#	155	0.00
83		Chrysene	40.000	39.037	2.4	130	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	48.728	-21.8	149	-0.01
85	c	Di-n-octyl phthalate	40.000	45.843	-14.6	164	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	143	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.621	-6.6	146	0.00
88		Benzo(b)fluoranthene	40.000	39.419	1.5	136	-0.01
89		Benzo(k)fluoranthene	40.000	37.735	5.7	135	-0.01
90	C	Benzo(a)pyrene	40.000	41.198	-3.0	141	-0.02
91		Dibenzo(a,h)anthracene	40.000	42.809	-7.0	147	-0.04
92		Benzo(g,h,i)perylene	40.000	41.908	-4.8	144	0.00

Sample Results: **BP025155.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025155.D
Acq On : 16 Jul 2025 12:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Jul 16 14:38:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 1

QC SAMPLE DATA

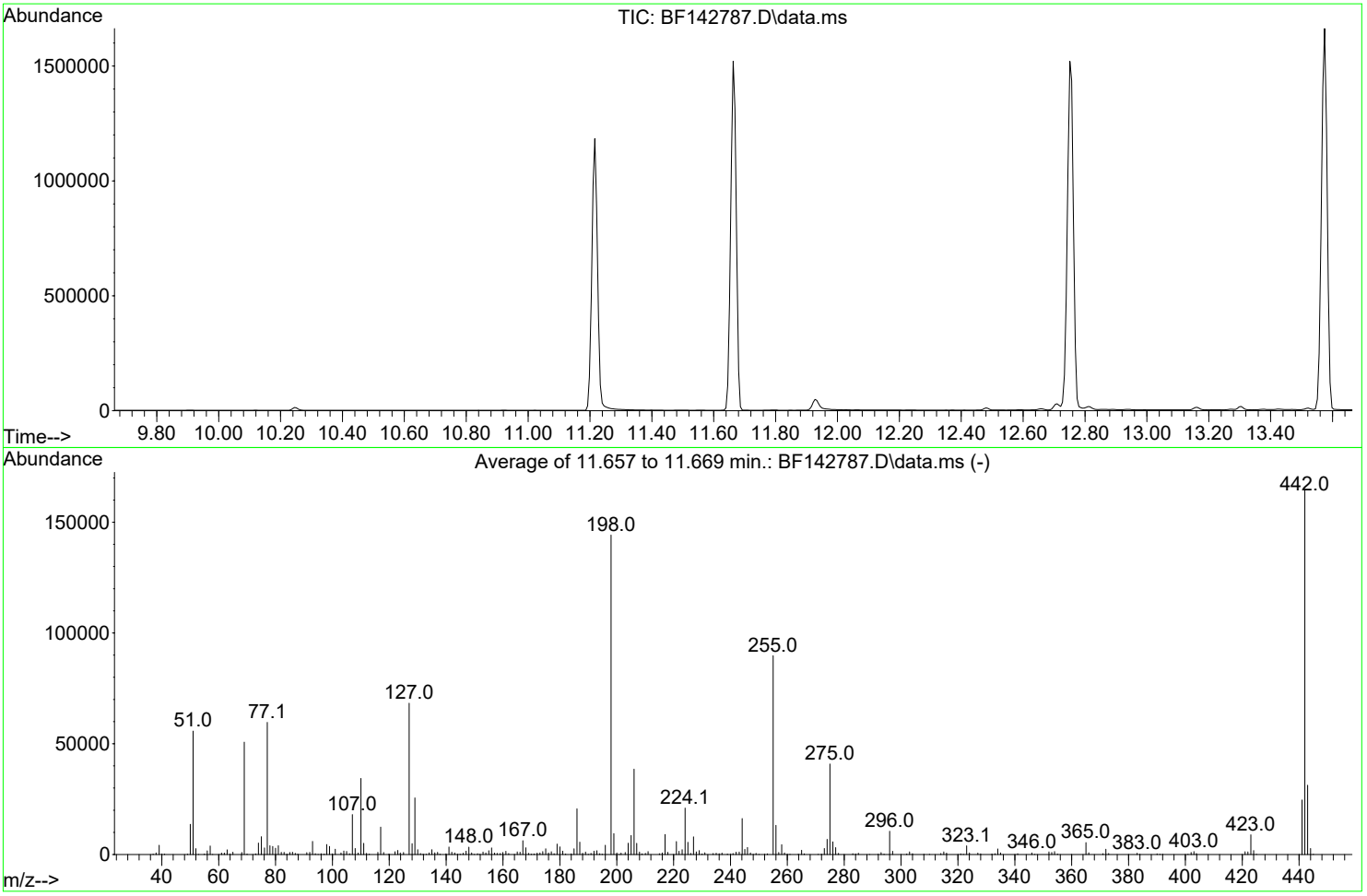
Sample Results: **BF142787.D**

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

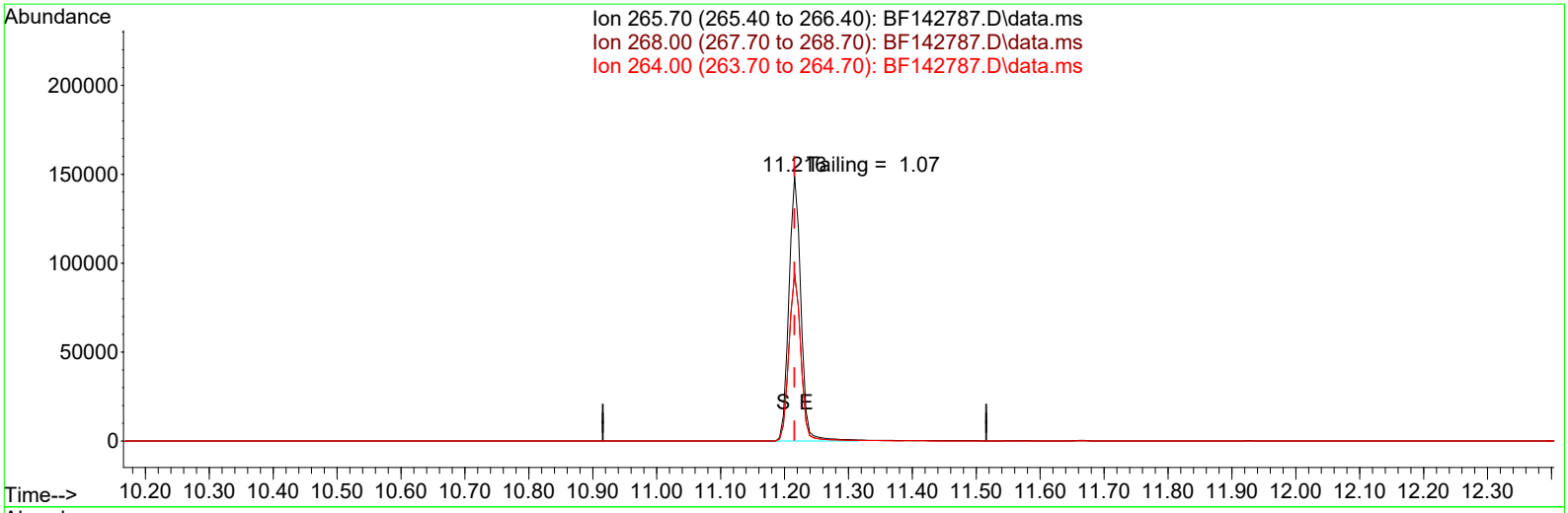
Instrument :
BNA_F
ClientSampleId :
DFTPP

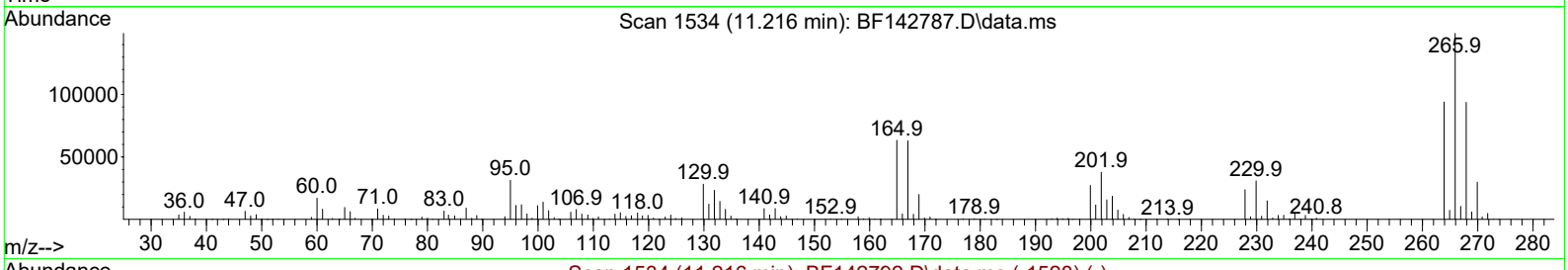
Sample Results: **BF142787.D**

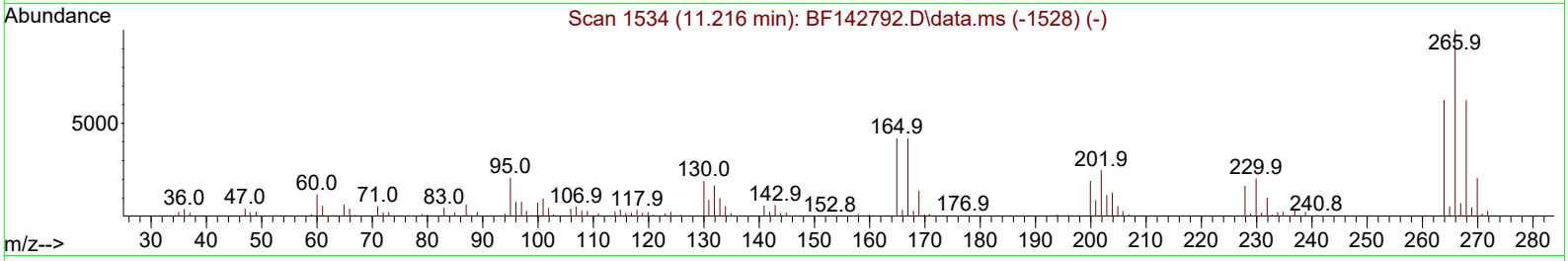
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

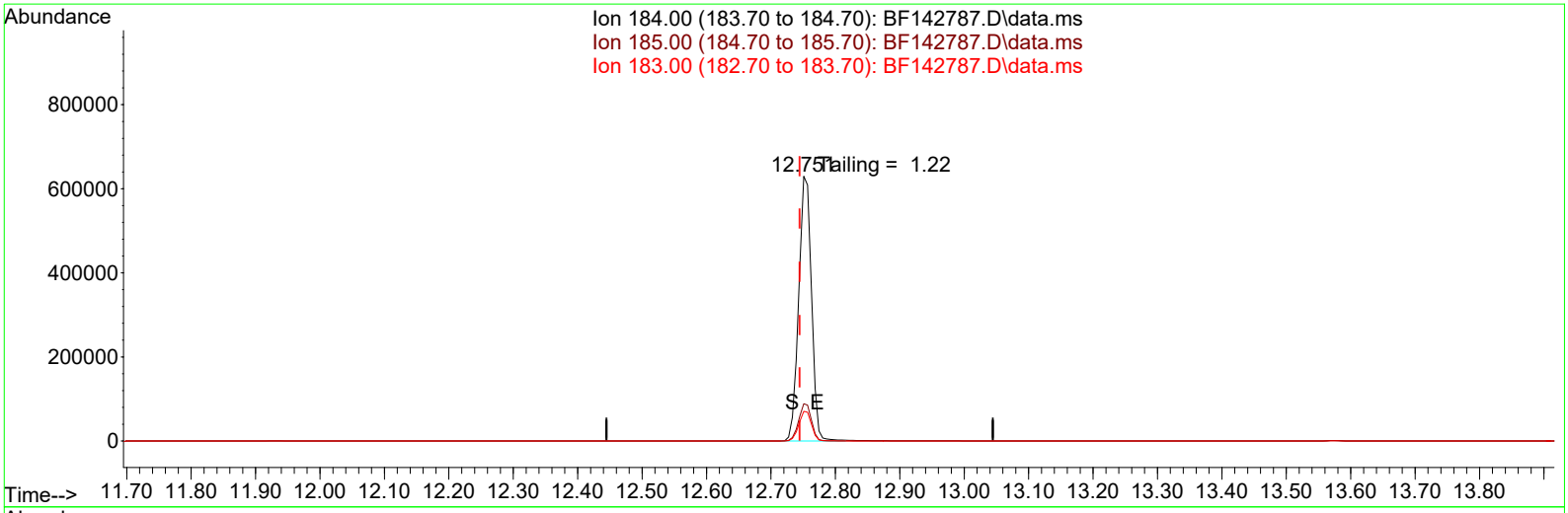
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.94
264.00	62.40	63.12
0.00	0.00	0.00

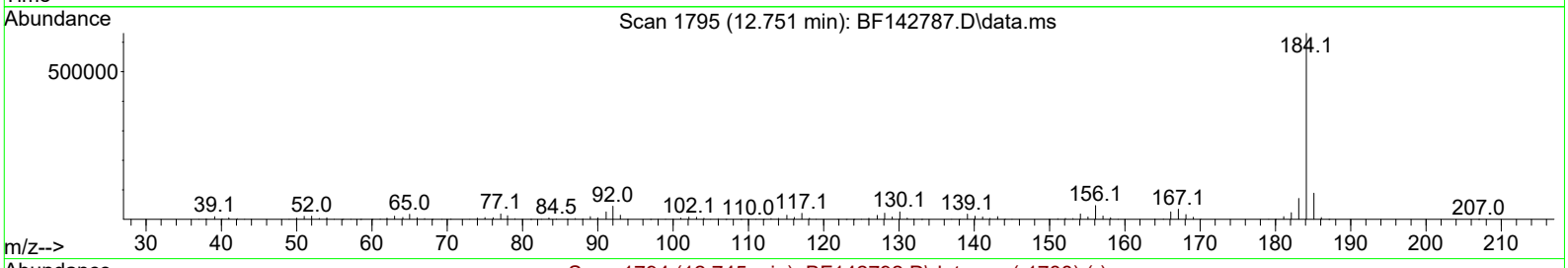
Sample Results: **BF142787.D**

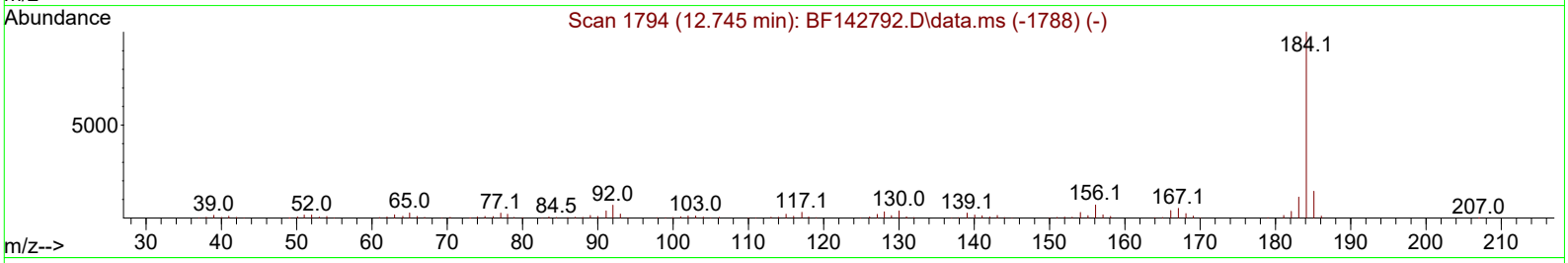
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142787.D
Acq On : 19 Jun 2025 16:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

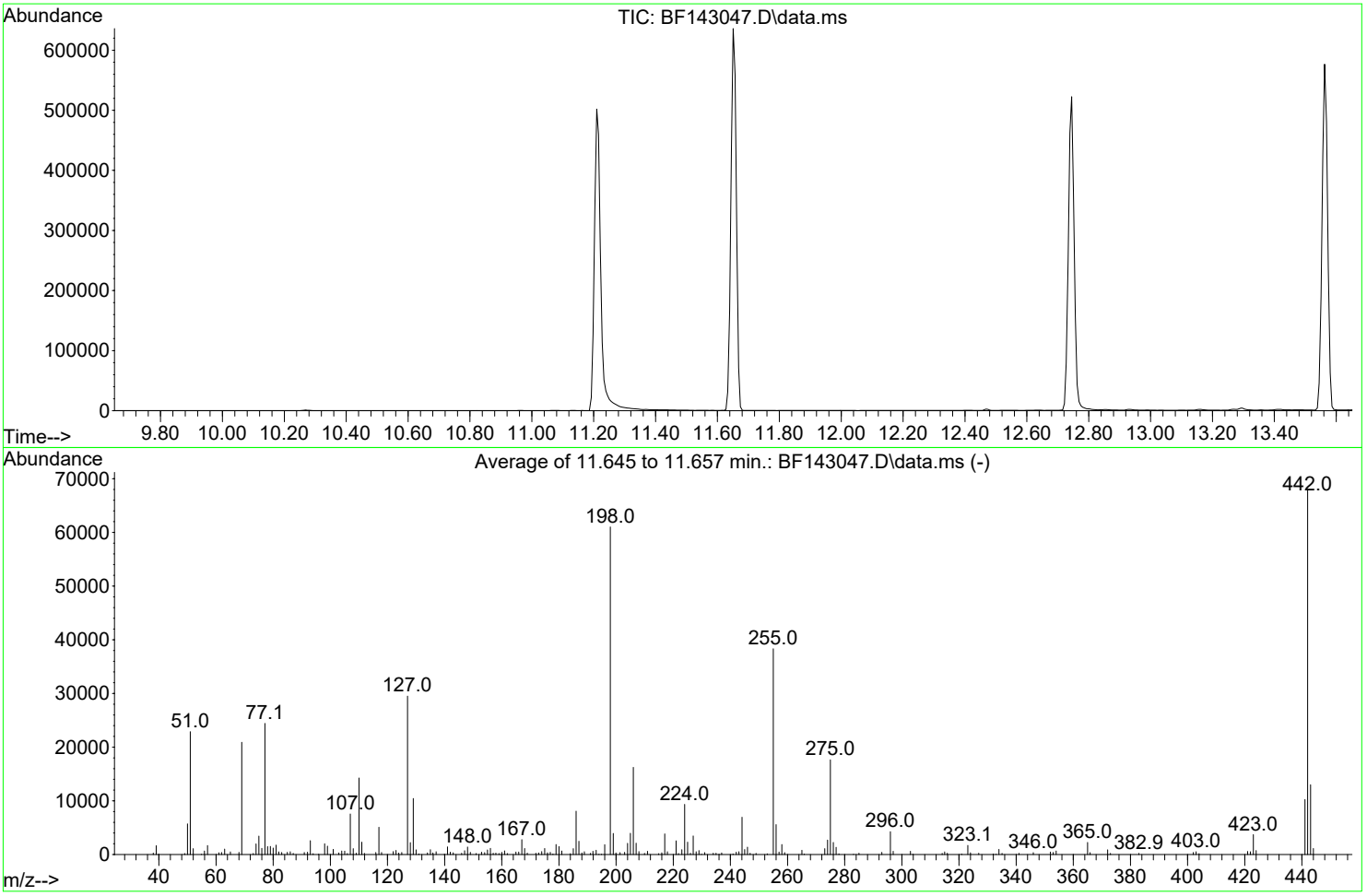
Sample Results: **BF143047.D**

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

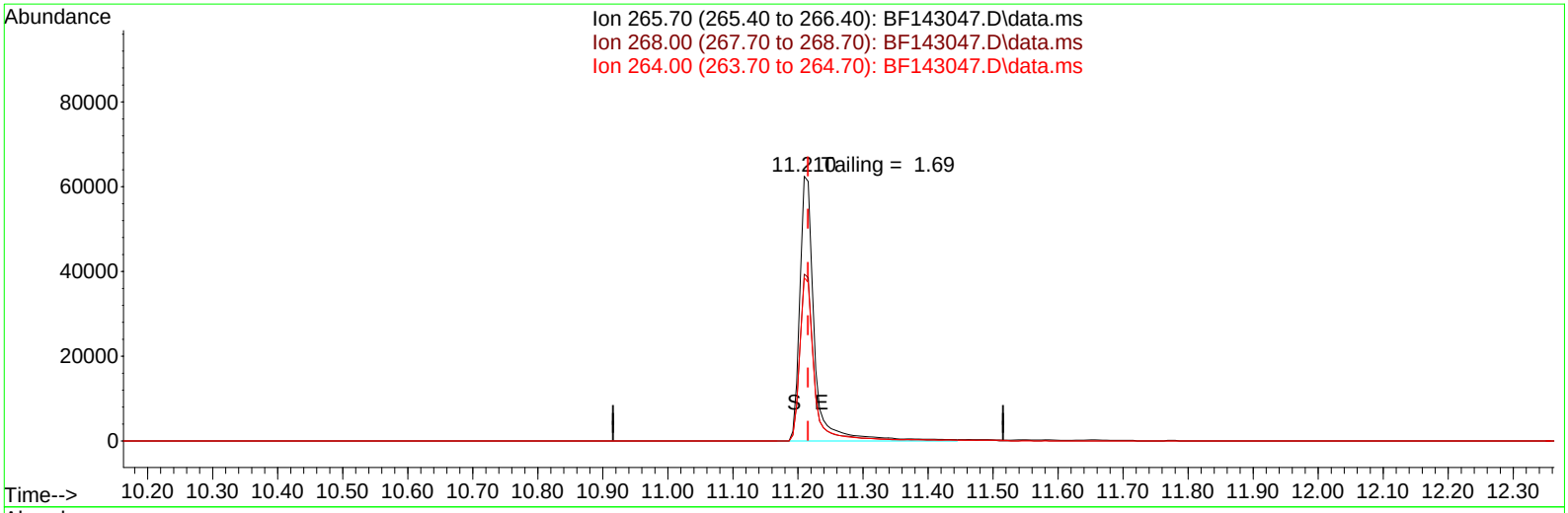
Instrument :
BNA_F
ClientSampleId :
DFTPP

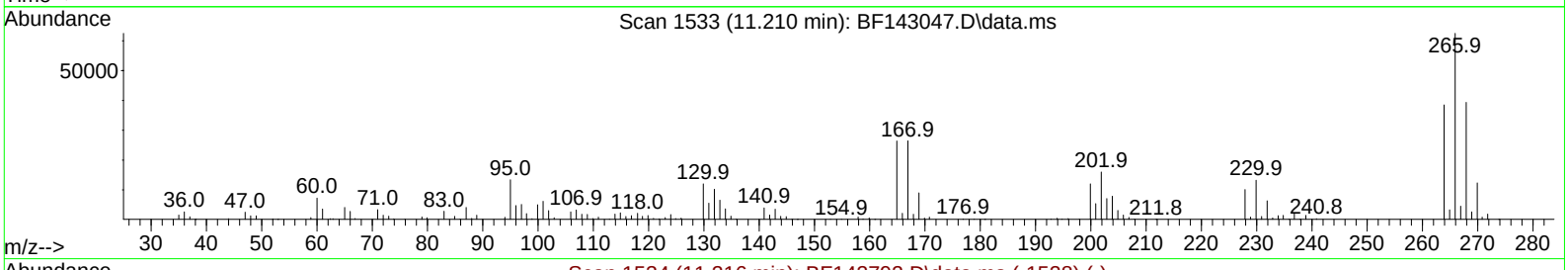
Sample Results: **BF143047.D**

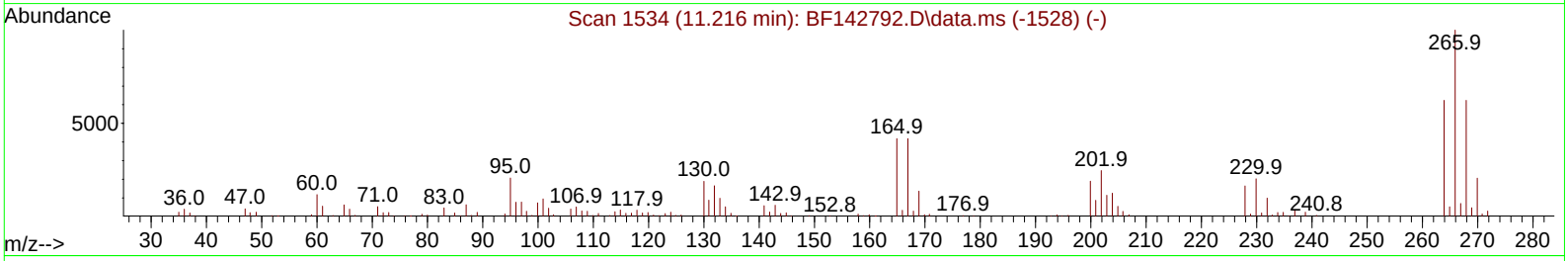
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143047.D
Acq On : 09 Jul 2025 10:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

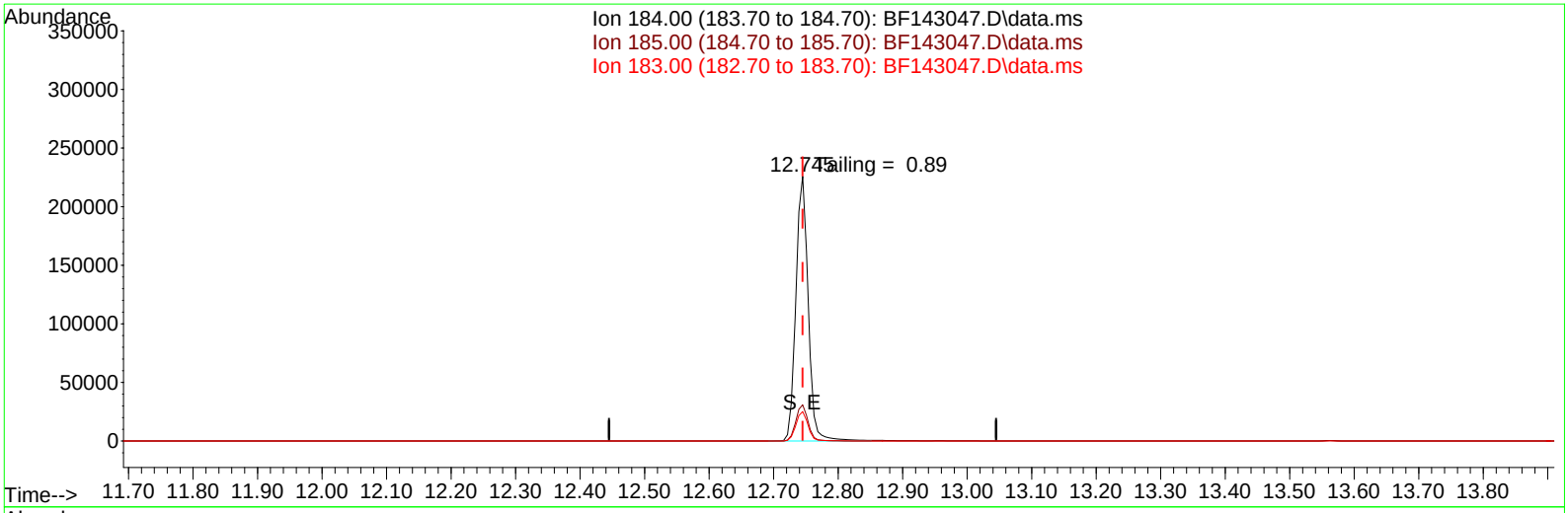
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	63.02
264.00	62.40	61.65
0.00	0.00	0.00

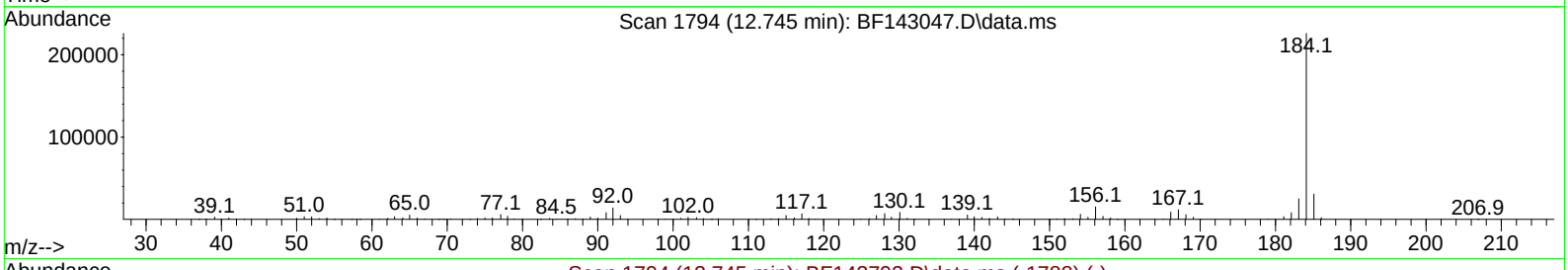
Sample Results: **BF143047.D**

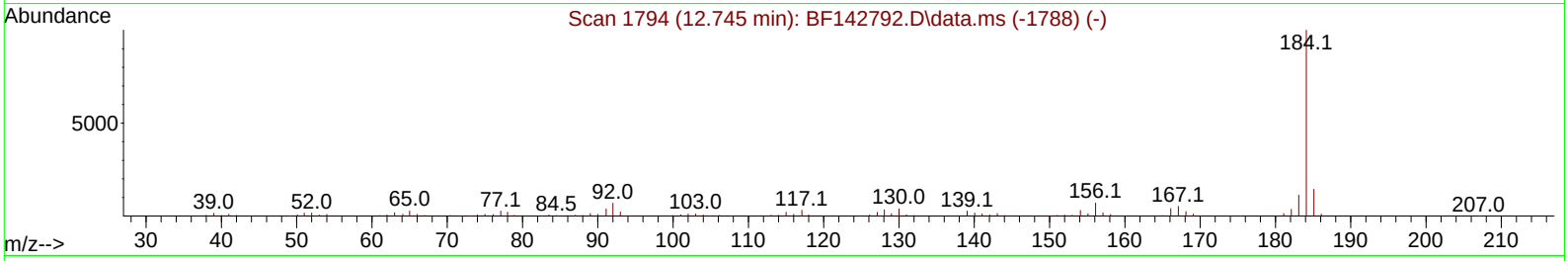
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143047.D
Acq On : 09 Jul 2025 10:22
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

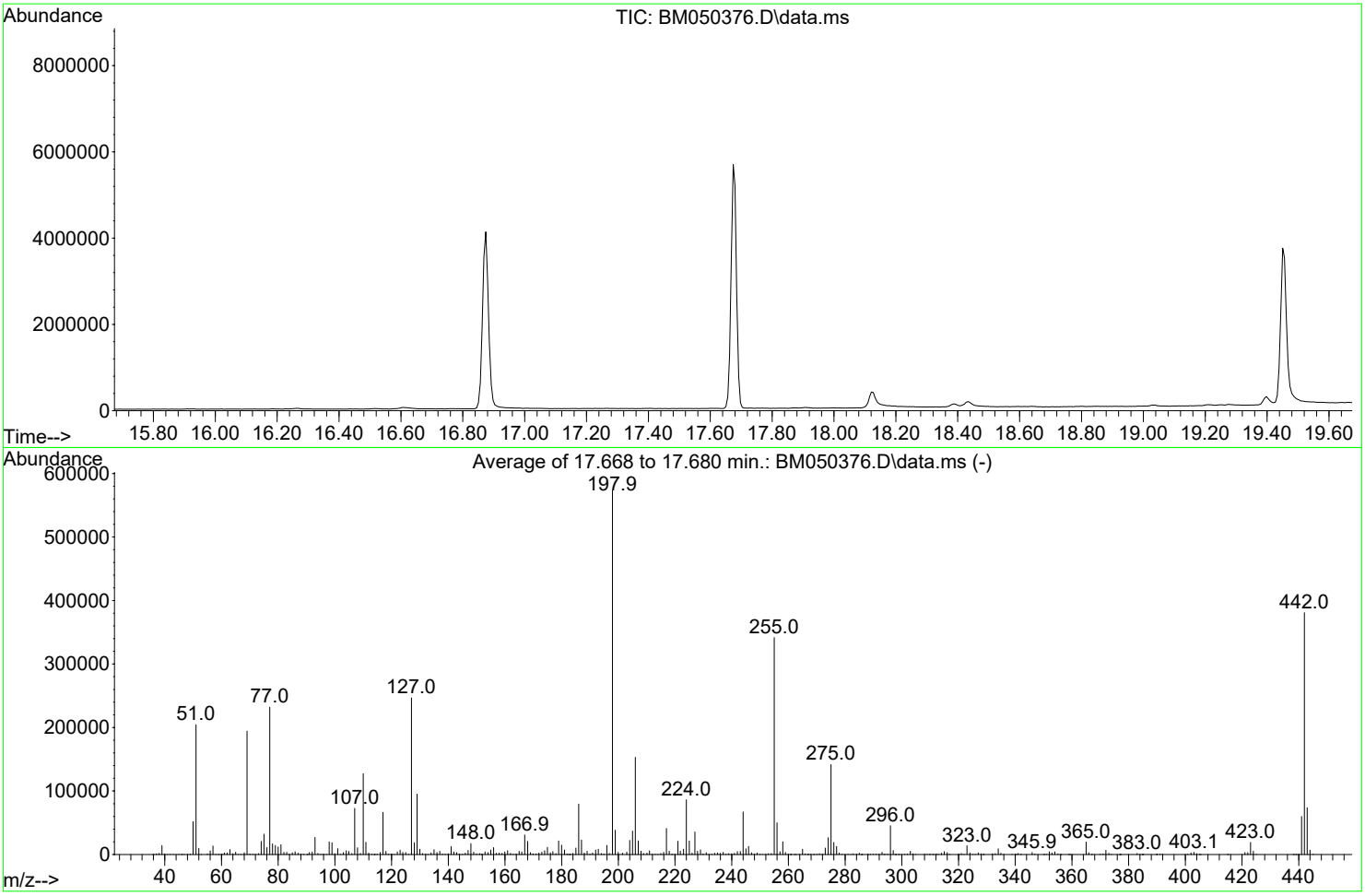
Sample Results: **BM050376.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

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



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	2822	PASS
69	69	100	100	100.0	194463	PASS
70	69	0.00	2	0.5	943	PASS
197	198	0.00	2	0.3	1831	PASS
198	198	100	100	100.0	573141	PASS
199	198	5	9	6.7	38261	PASS
365	198	1	100	3.4	19723	PASS
441	443	0.01	150	81.4	60059	PASS
442	442	100	100	100.0	380992	PASS
443	442	15	24	19.4	73781	PASS

DDT Breakdown

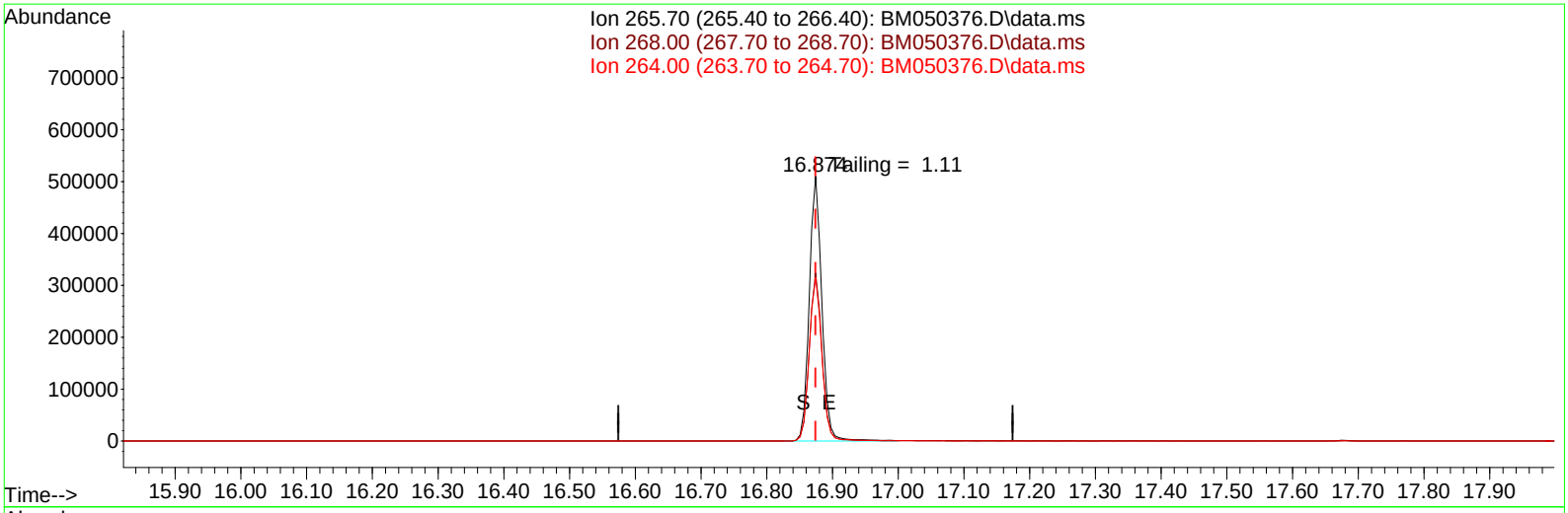
Date	Instrument Name	DFTPP Data File
7/9/2025	BNA_M	BM050376.D
Compound Name	**Response**	**Retention Time**
DDT	1842274	20.692
DDD	18107	20.309
DDE	1079	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19186	1861460	1.03

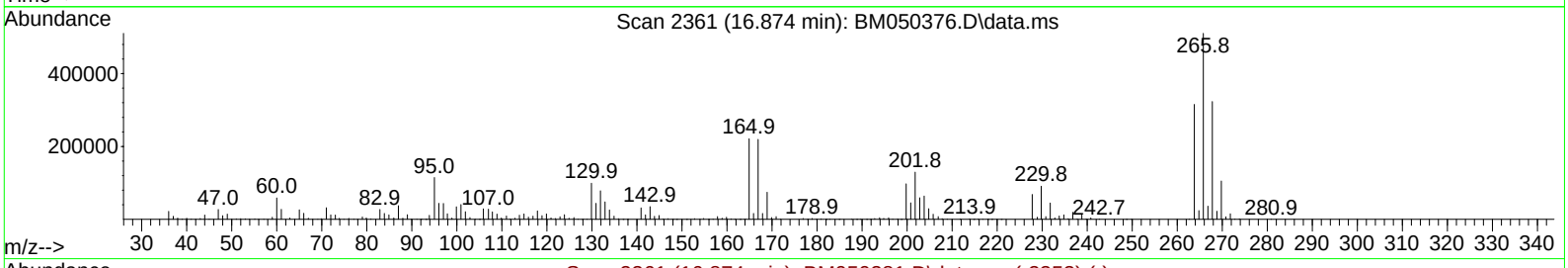
Instrument :
BNA_M
ClientSampleId :
DFTPP

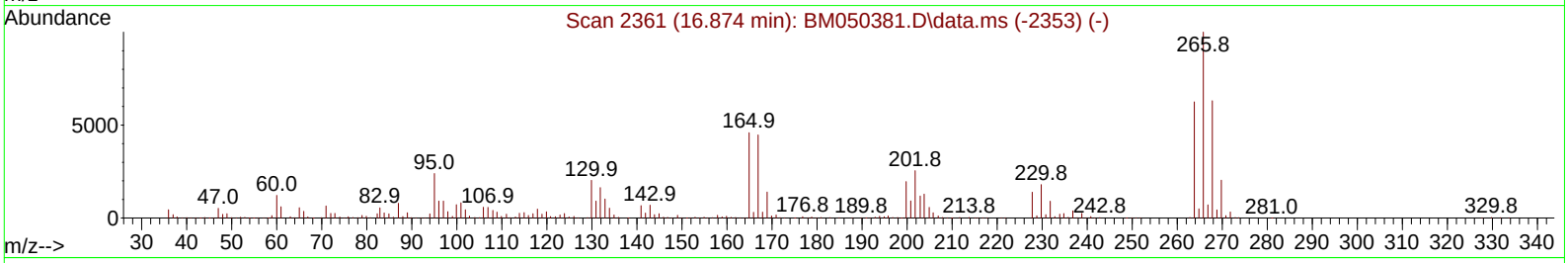
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 0.00 ng

response 680595

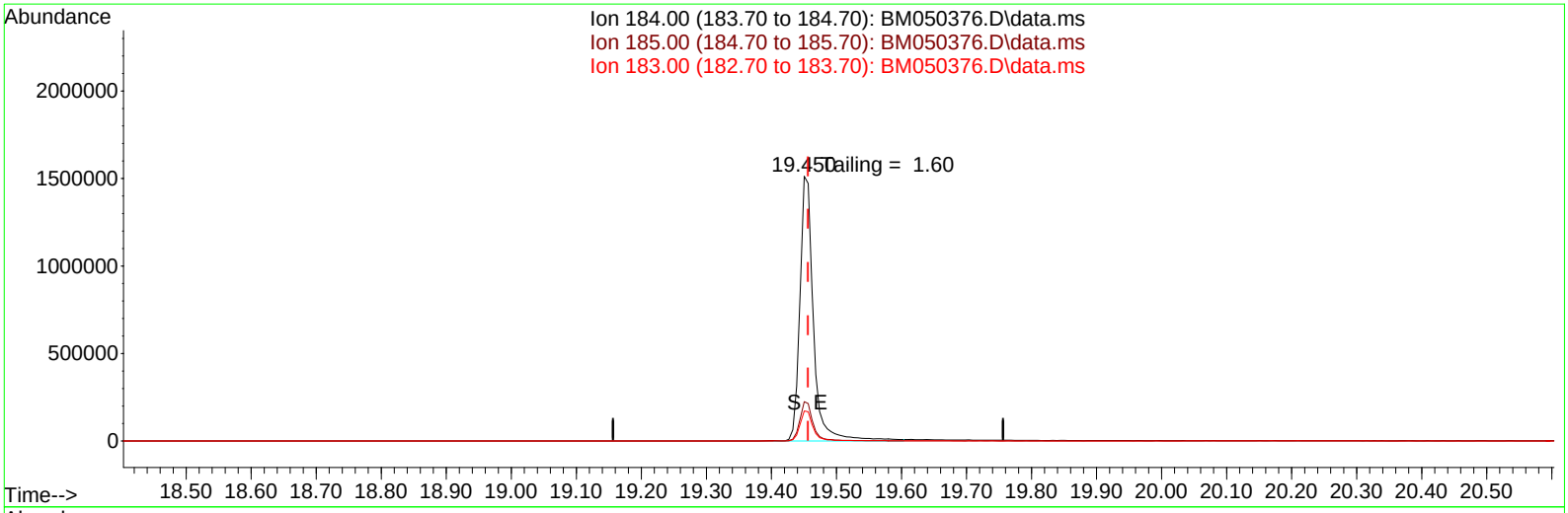
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.37
264.00	62.40	61.79
0.00	0.00	0.00

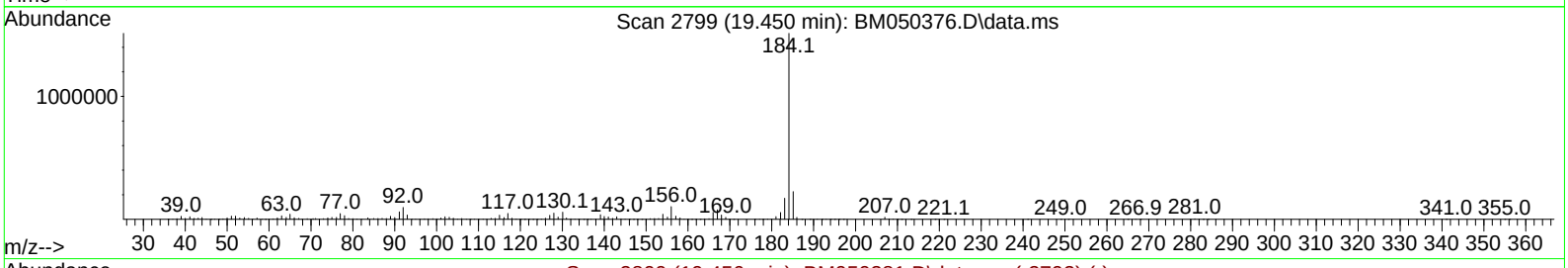
Sample Results: **BM050376.D**

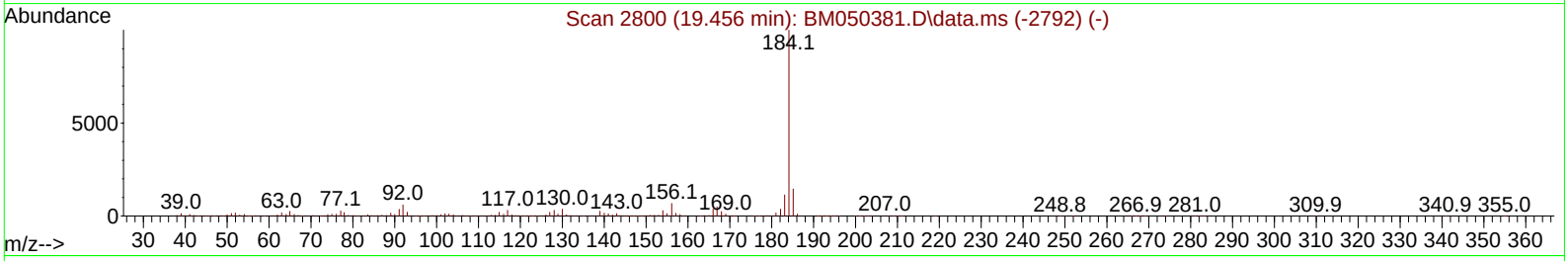
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070925\
Data File : BM050376.D
Acq On : 08 Jul 2025 11:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 08 17:14:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 15:59:58 2025
Response via : Initial Calibration







TIC: BM050376.D\data.ms

(77) Benzidine

19.450min (-0.006) 78341.13 ng

response 2201890

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.87
183.00	11.30	11.33
0.00	0.00	0.00

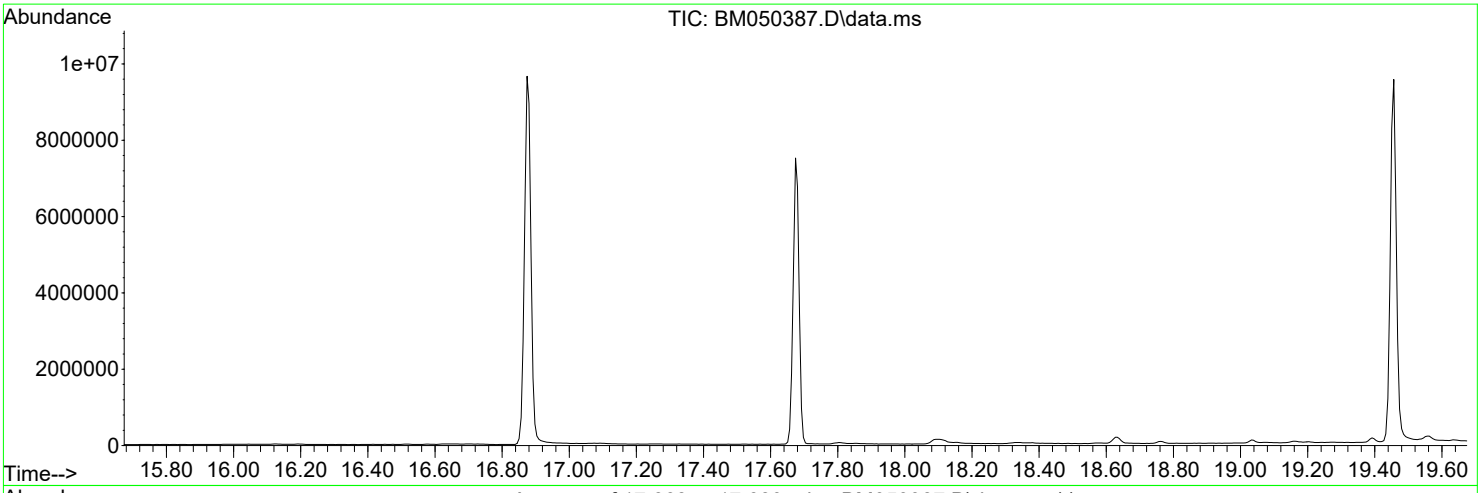
Sample Results: **BM050387.D**

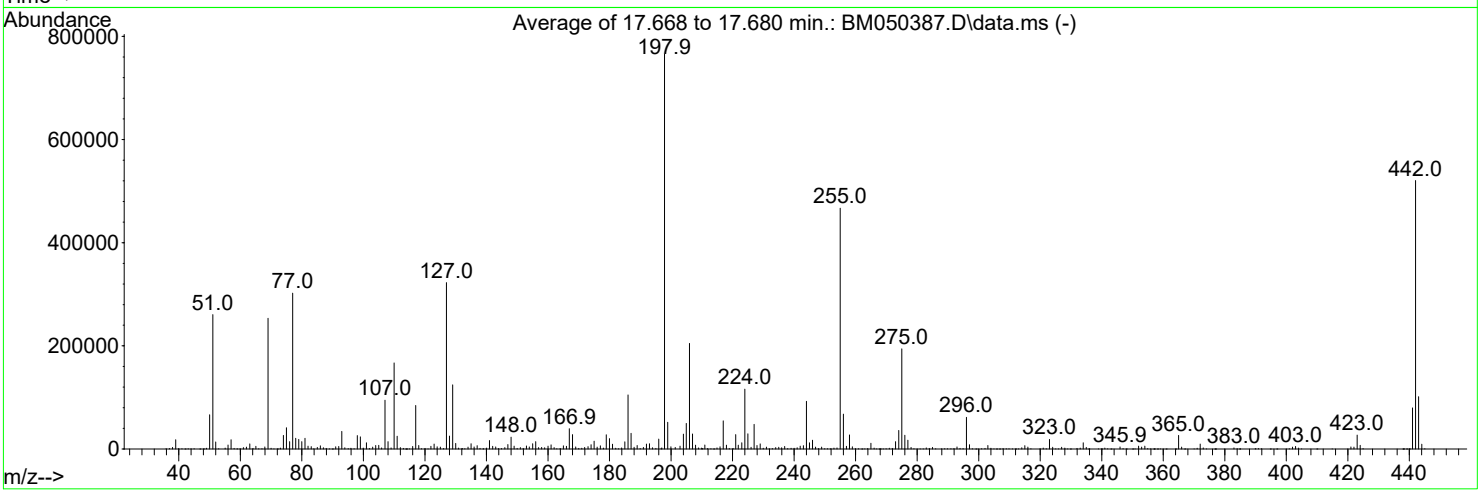
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

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





AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.5	3907	PASS
69	69	100	100	100.0	253638	PASS
70	69	0.00	2	0.6	1422	PASS
197	198	0.00	2	0.3	2191	PASS
198	198	100	100	100.0	765568	PASS
199	198	5	9	6.8	51856	PASS
365	198	1	100	3.4	26267	PASS
441	443	0.01	150	78.8	79867	PASS
442	442	100	100	100.0	520619	PASS
443	442	15	24	19.5	101363	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/10/2025	BNA_M	BM050387.D
Compound Name	**Response**	**Retention Time**
DDT	2346830	20.692
DDD	18238	20.309
DDE	1010	19.756
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
19248	2366078	0.81

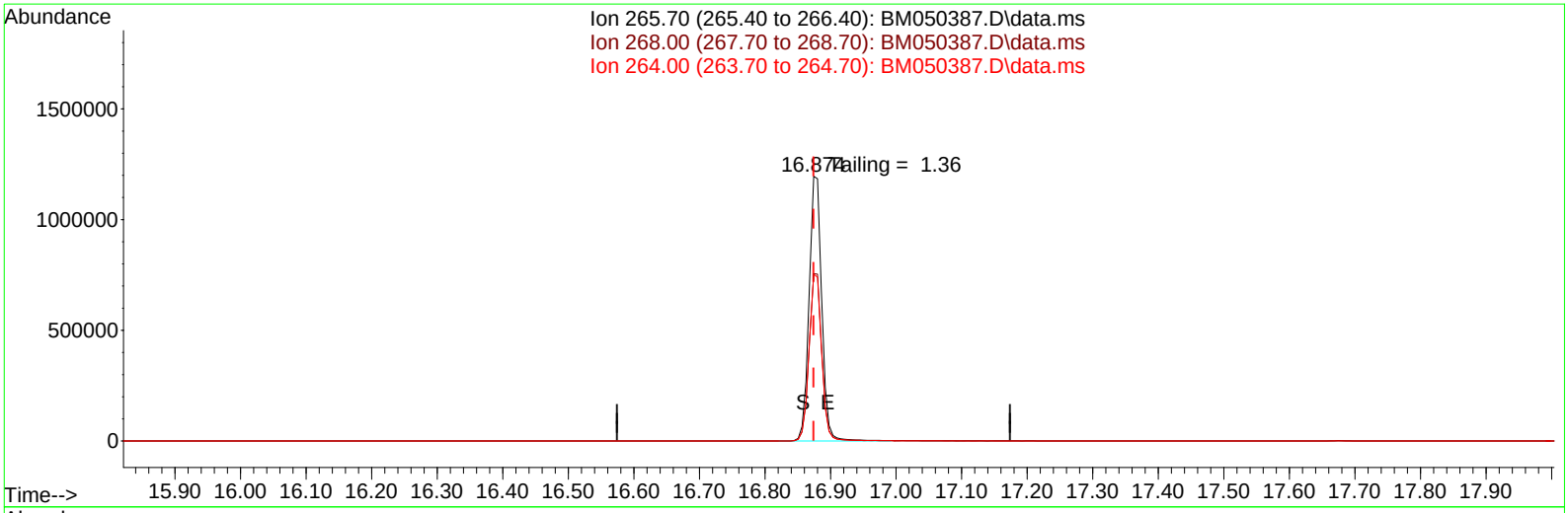
Instrument :
BNA_M
ClientSampleId :
DFTPP

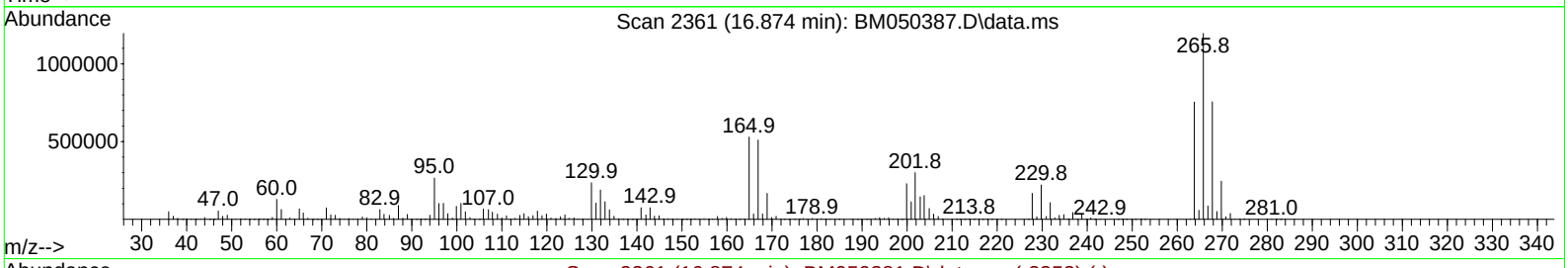
Sample Results: **BM050387.D**

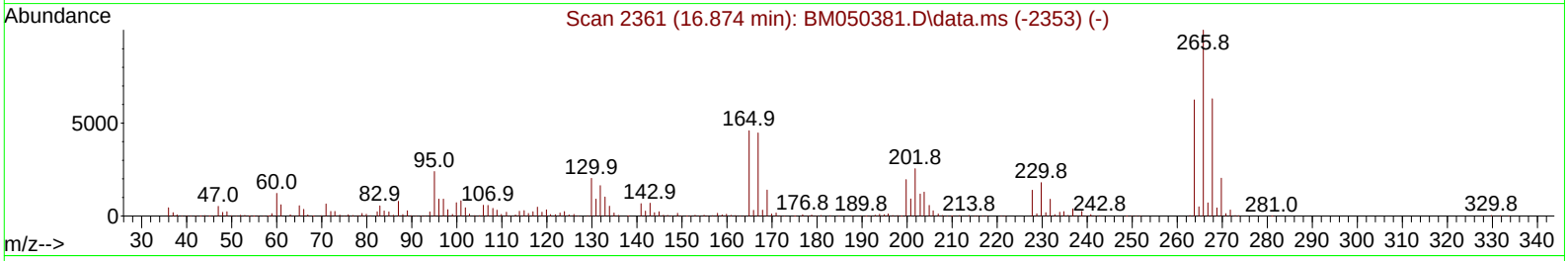
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 10 14:36:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050387.D\data.ms

(70) Pentachlorophenol (C)

16.874min (+ 0.000) 1991582.93 ng

response 1613299

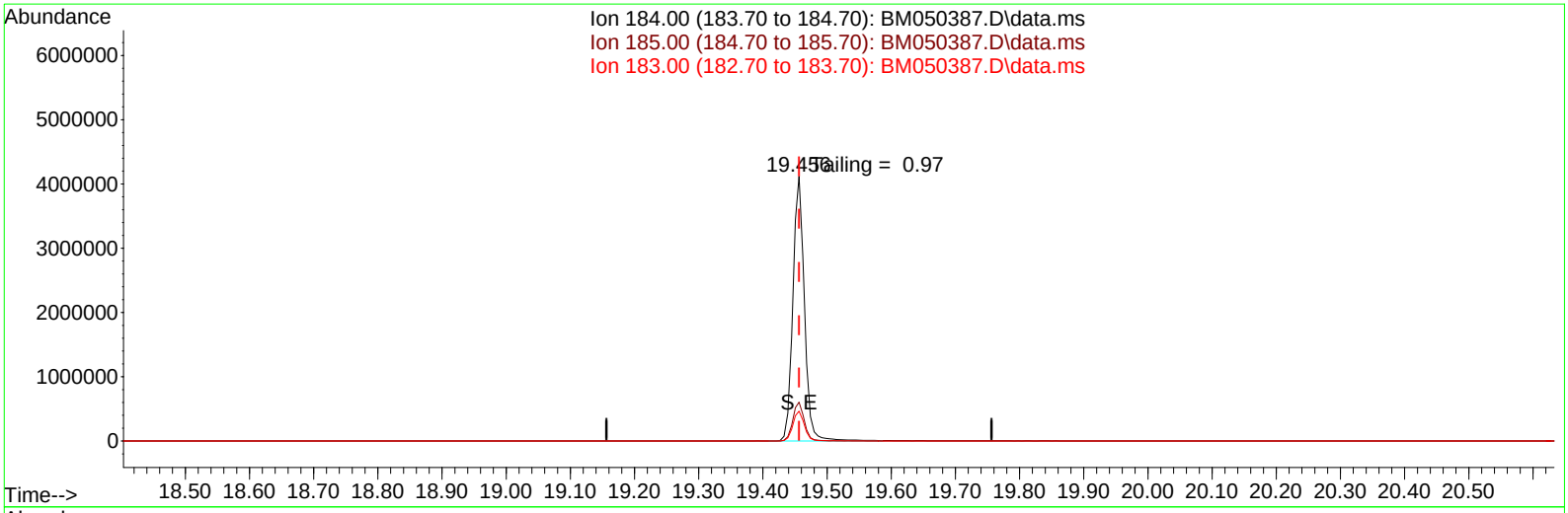
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.20
264.00	62.40	63.06
0.00	0.00	0.00

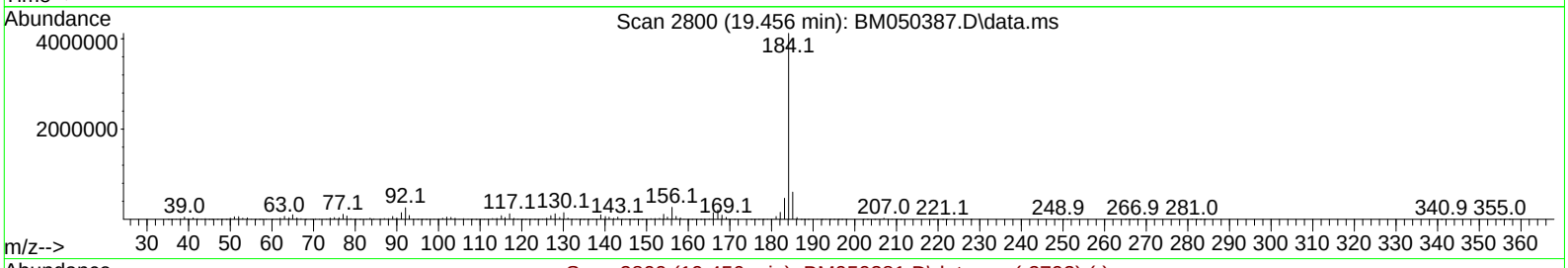
Sample Results: **BM050387.D**

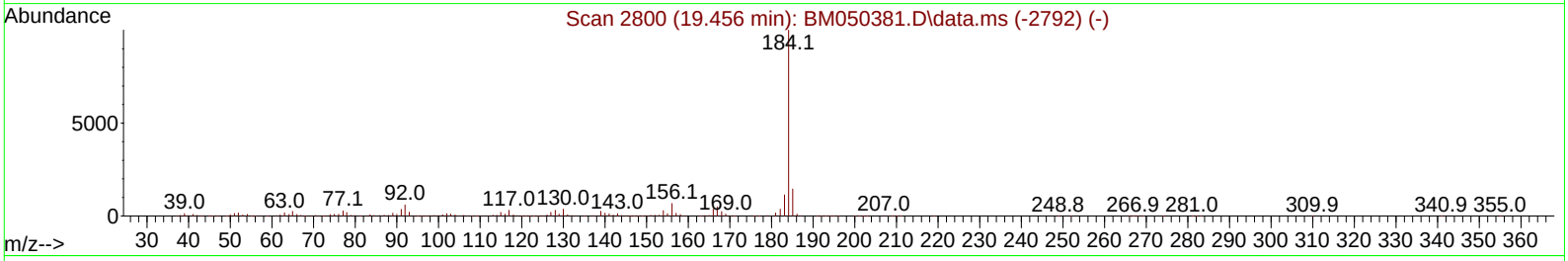
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
Data File : BM050387.D
Acq On : 10 Jul 2025 13:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Jul 10 14:36:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration







TIC: BM050387.D\data.ms

(77) Benzidine

19.456min (+ 0.000) 4529.57 ng

response 5211463

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.67
183.00	11.30	11.30
0.00	0.00	0.00

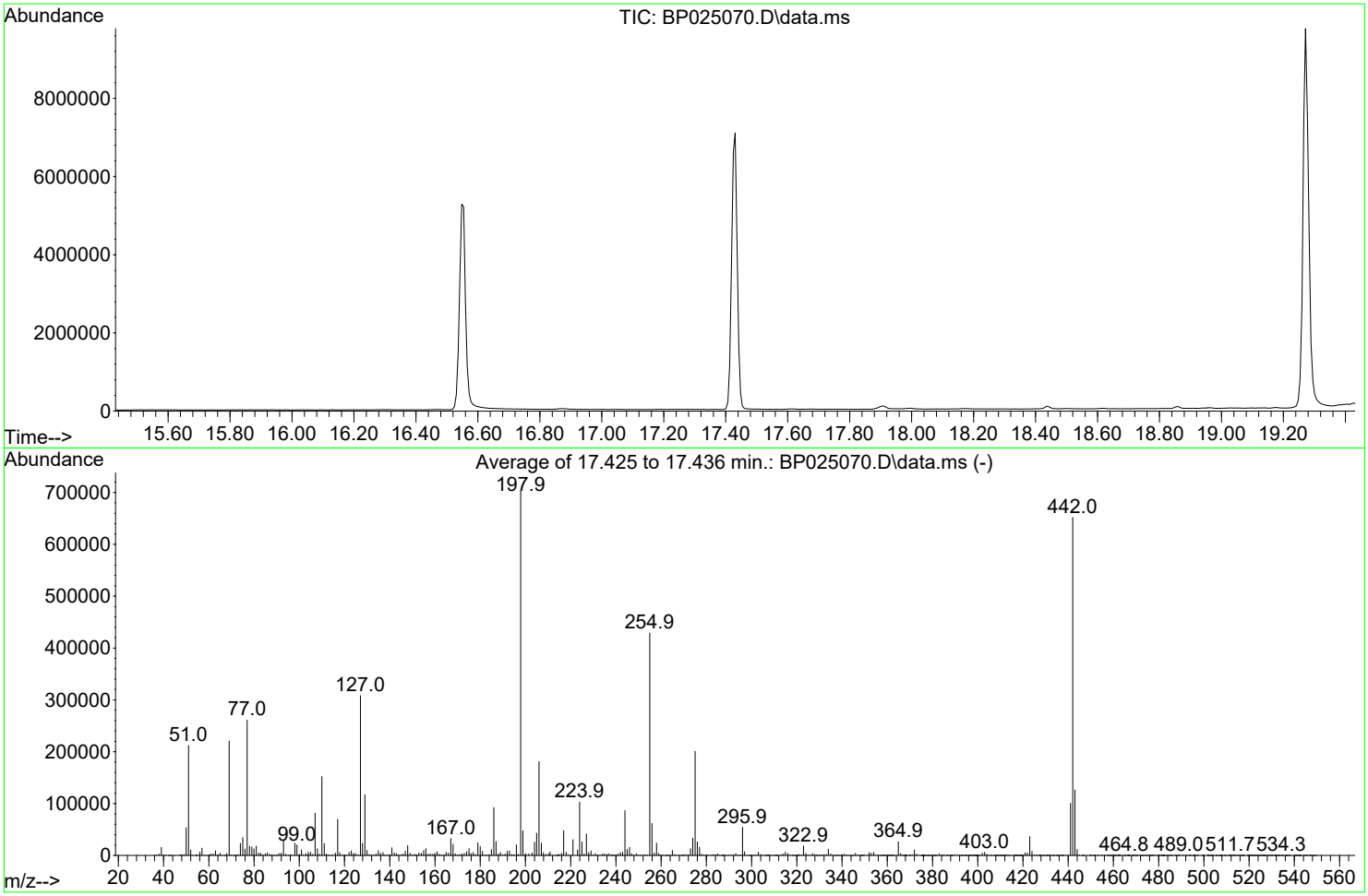
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2463, 2464, 2465; Background Corrected with Scan 2453

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3747	PASS
69	69	100	100	100.0	220616	PASS
70	69	0.00	2	0.4	974	PASS
197	198	0.00	2	0.3	1975	PASS
198	198	100	100	100.0	702809	PASS
199	198	5	9	6.8	47648	PASS
365	198	1	100	3.7	26203	PASS
441	443	0.01	150	79.7	100672	PASS
442	442	100	100	100.0	651937	PASS
443	442	15	24	19.4	126320	PASS

DDT Breakdown

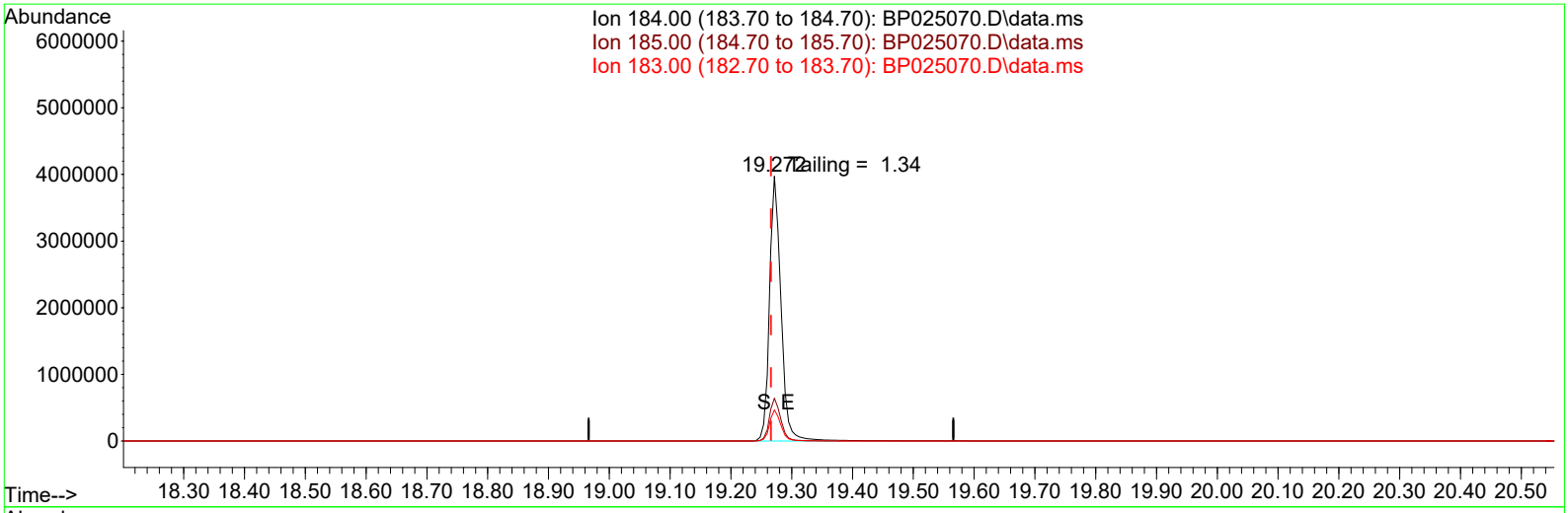
Date	Instrument Name	DFTPP Data File
7/3/2025	BNA_P	BP025070.D
Compound Name	**Response**	**Retention Time**
DDT	2078463	20.595
DDD	21773	20.183
DDE	1831	19.595
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
23604	2102067	1.12

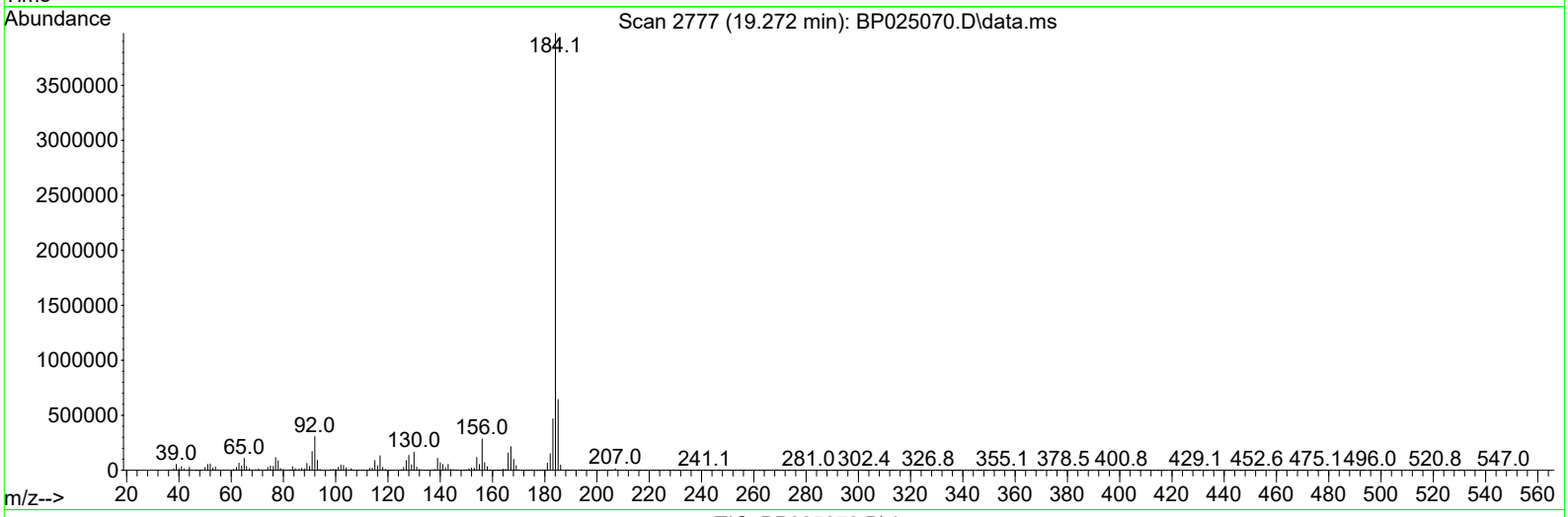
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 5891.13 ng

response 5273970

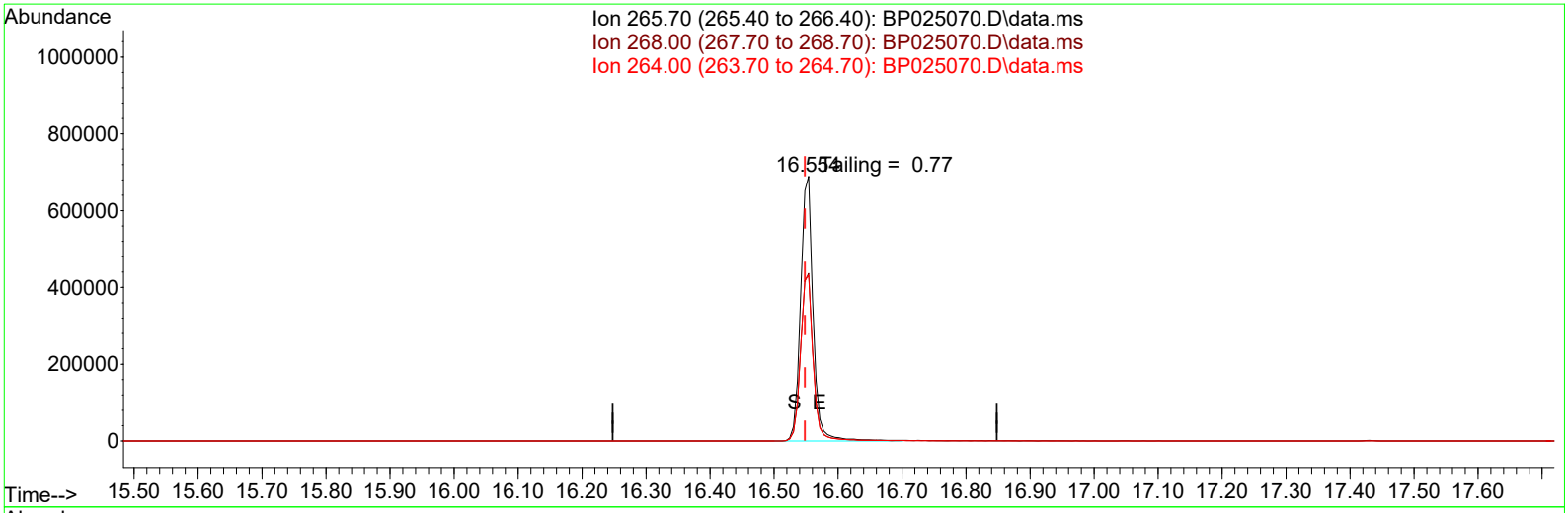
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.19
183.00	11.80	11.79
0.00	0.00	0.00

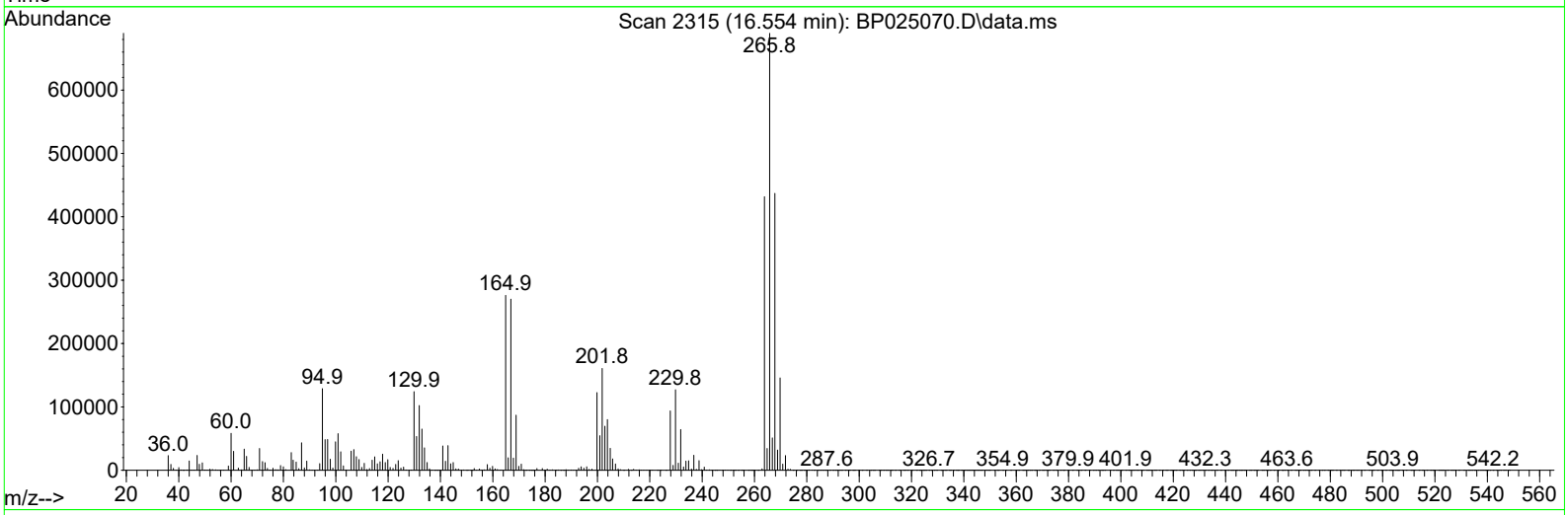
Sample Results: **BP025070.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
Data File : BP025070.D
Acq On : 03 Jul 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 03 16:24:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration





TIC: BP025070.D\data.ms

(70) Pentachlorophenol (C)

16.554min (+ 0.006) 170301.74 ng

response 942789

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	63.35
264.00	62.70	62.60
0.00	0.00	0.00

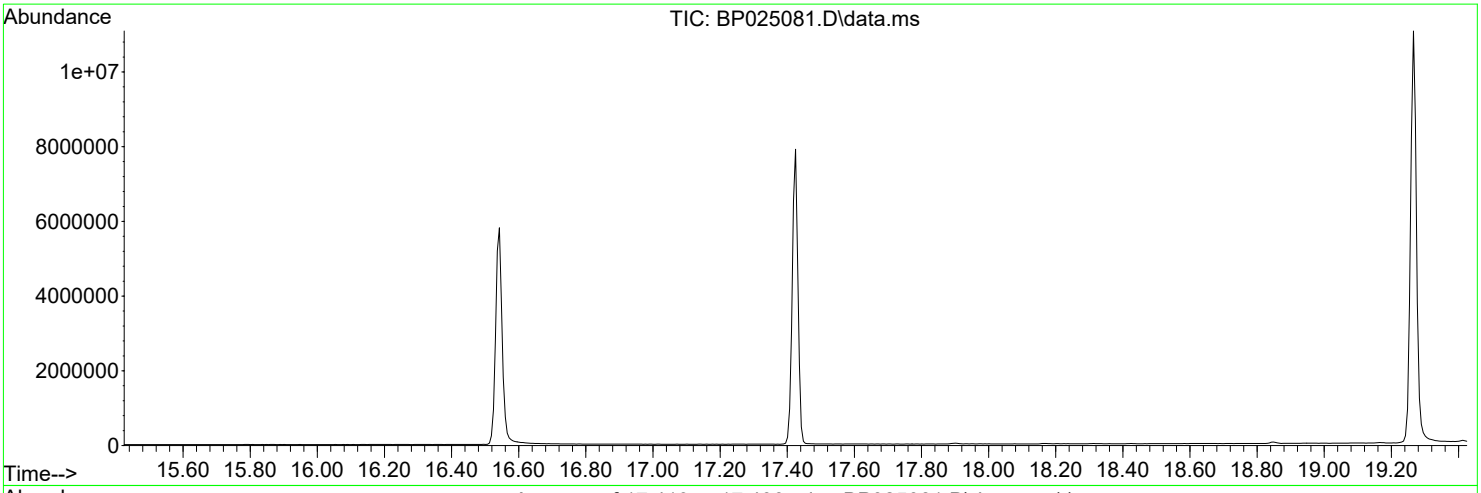
Sample Results: **BP025081.D**

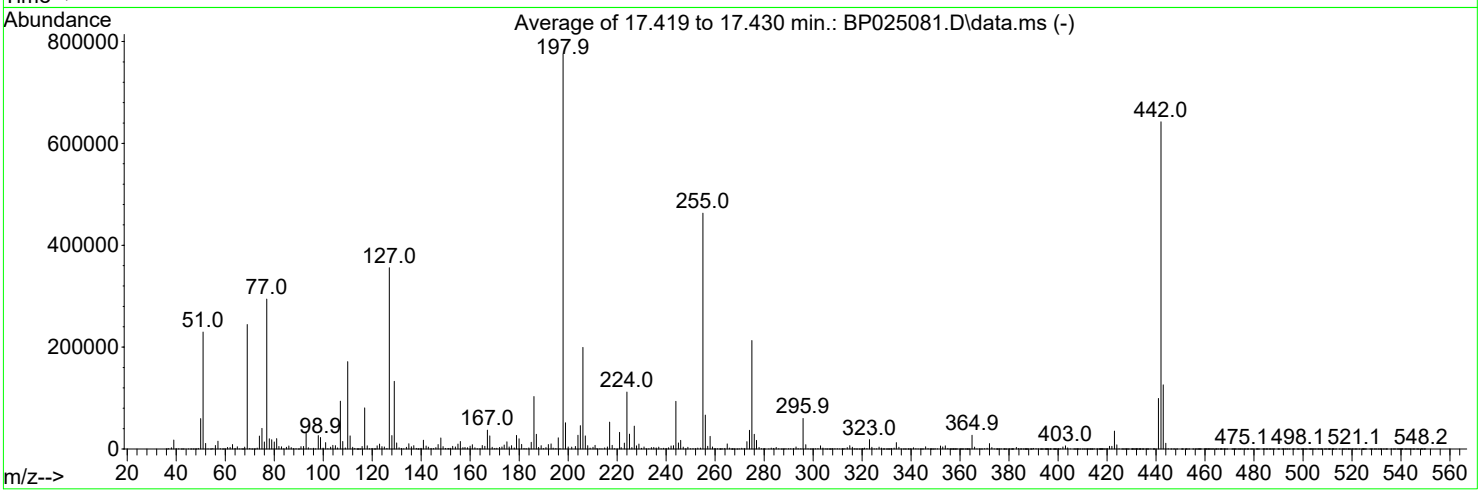
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

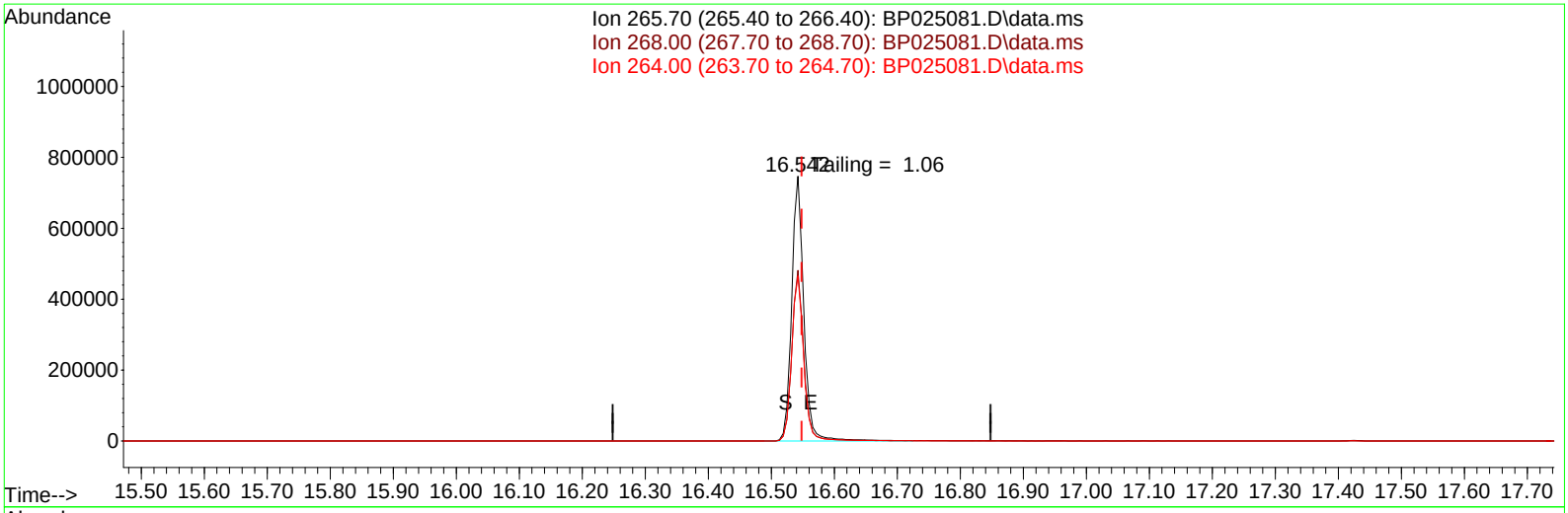
Instrument :
BNA_P
ClientSampleId :
DFTPP

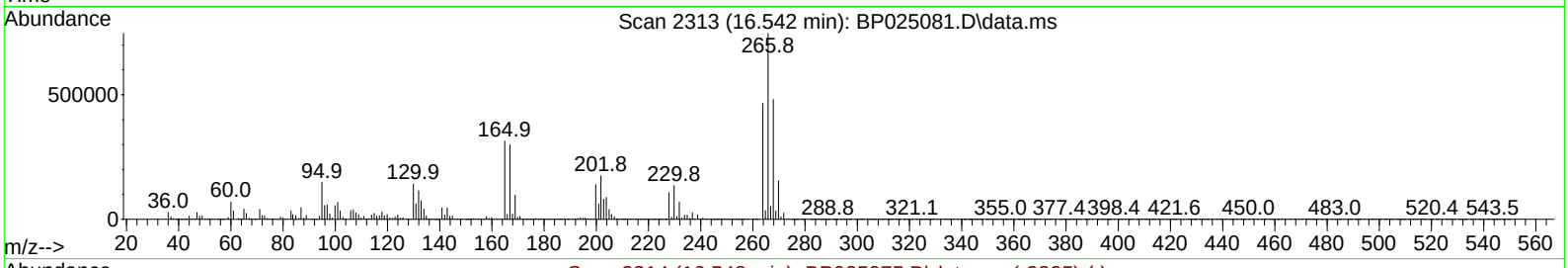
Sample Results: **BP025081.D**

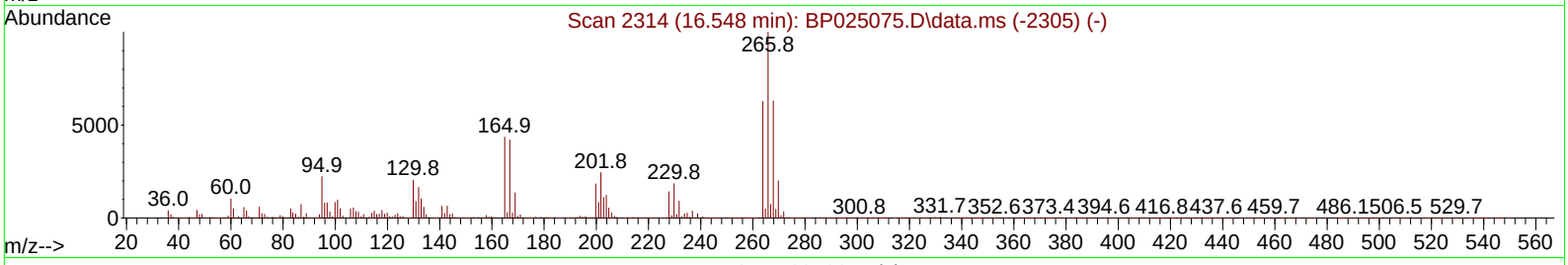
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

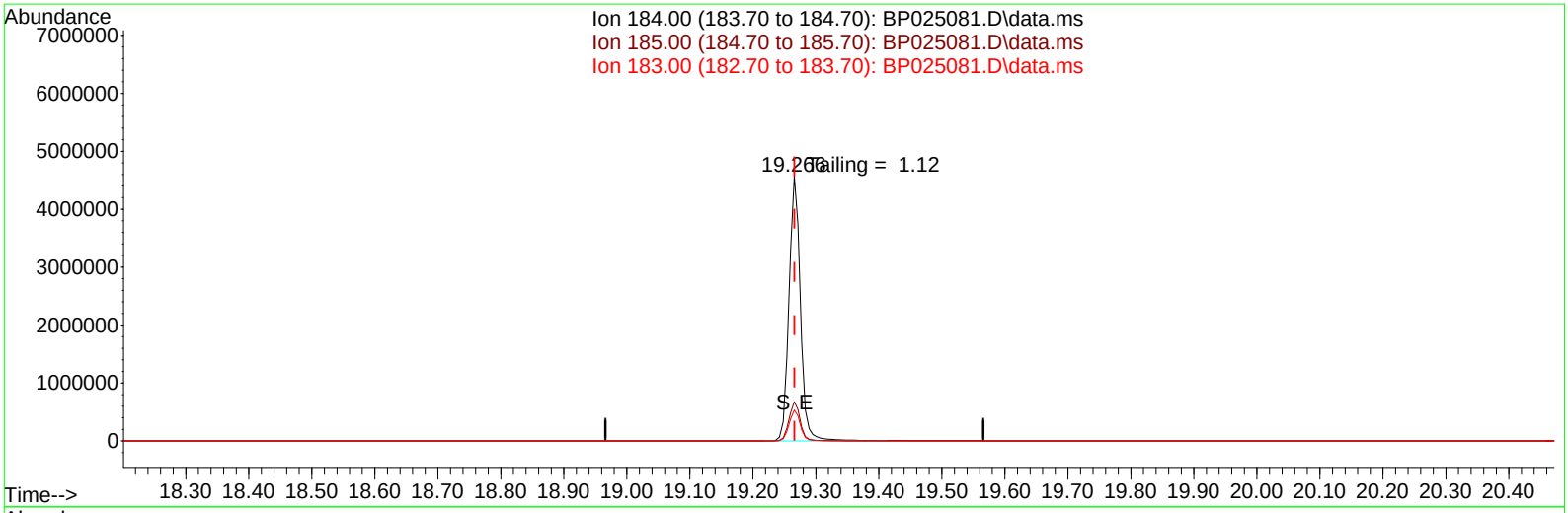
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.00	64.46
264.00	62.70	62.36
0.00	0.00	0.00

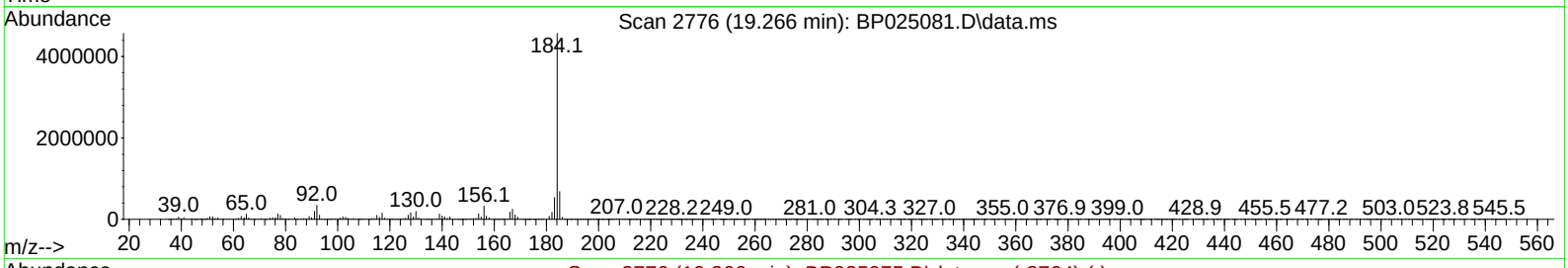
Sample Results: **BP025081.D**

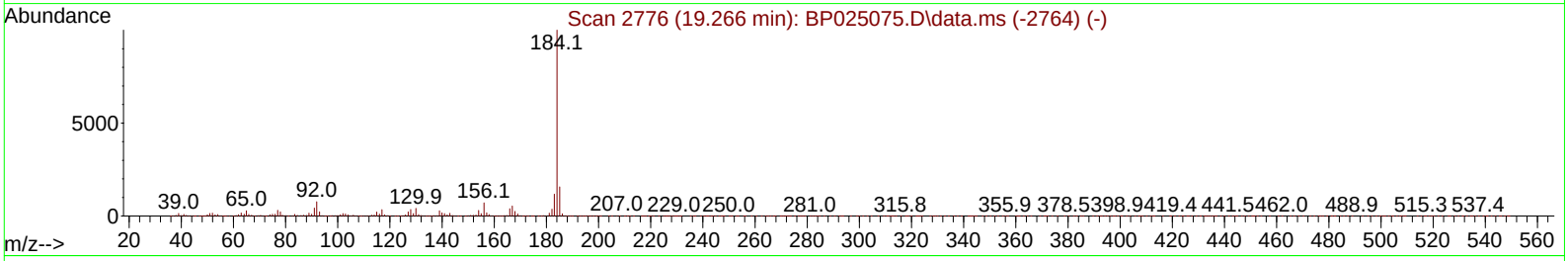
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025081.D
Acq On : 10 Jul 2025 13:18
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

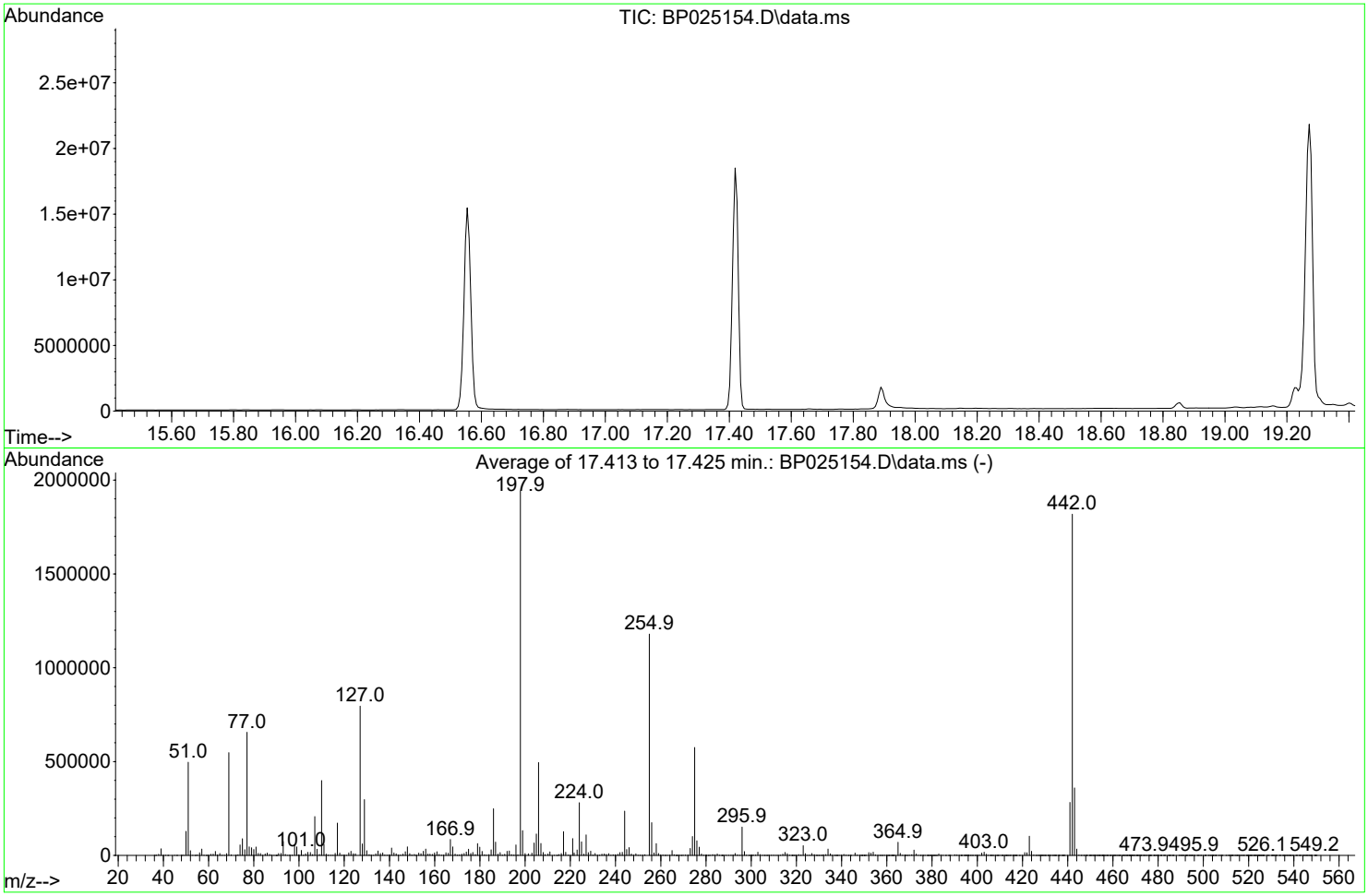
Sample Results: **BP025154.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Jul 03 16:05:44 2025



AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2451

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	9499	PASS
69	69	100	100	100.0	547610	PASS
70	69	0.00	2	0.6	3175	PASS
197	198	0.00	2	0.2	3324	PASS
198	198	100	100	100.0	1941472	PASS
199	198	5	9	6.8	132421	PASS
365	198	1	100	3.6	69917	PASS
441	443	0.01	150	78.5	282261	PASS
442	442	100	100	100.0	1818101	PASS
443	442	15	24	19.8	359579	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
7/16/2025	BNA_P	BP025154.D
Compound Name	**Response**	**Retention Time**
DDT	7110729	20.578
DDD	166967	20.107
DDE	9571	19.583
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
176538	7287267	2.42

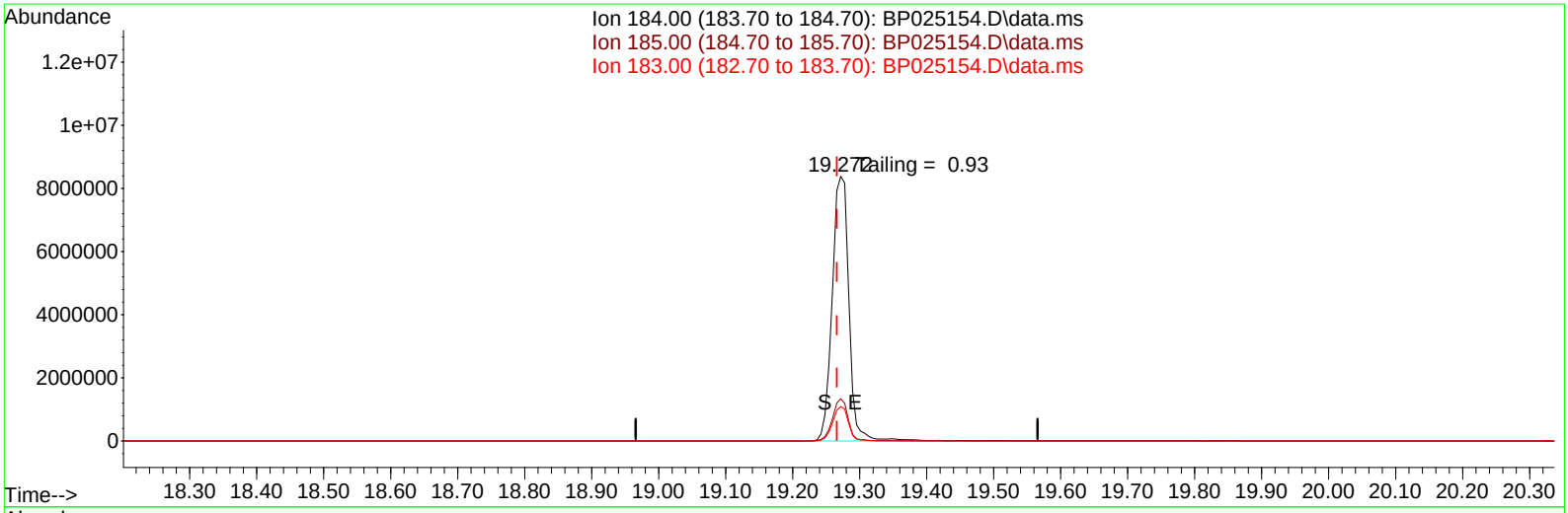
Instrument :
BNA_P
ClientSampleId :
DFTPP

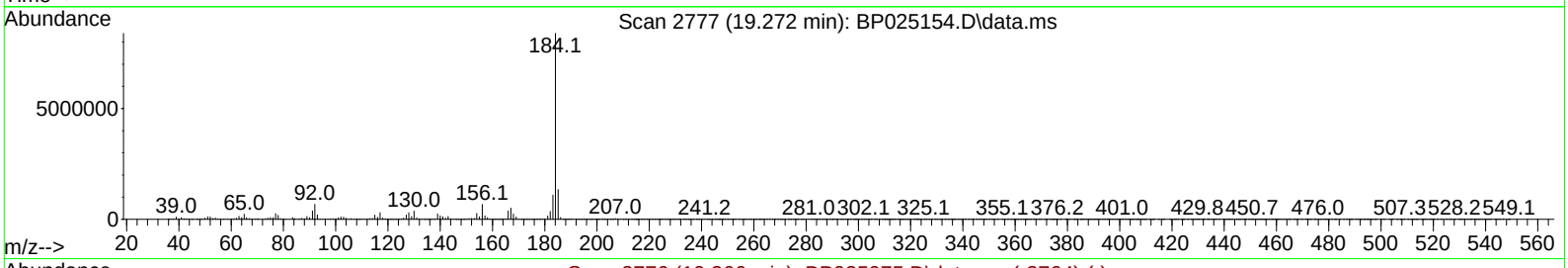
Sample Results: **BP025154.D**

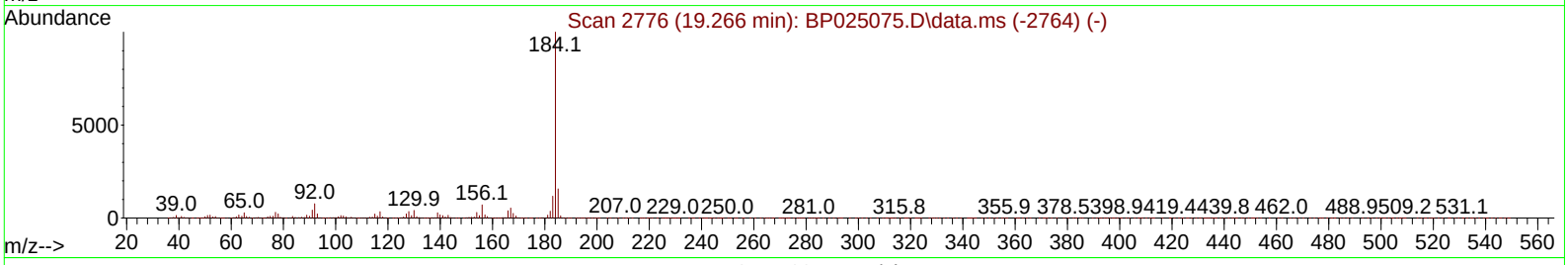
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 16 14:37:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025154.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 56461.29 ng

response 14377417

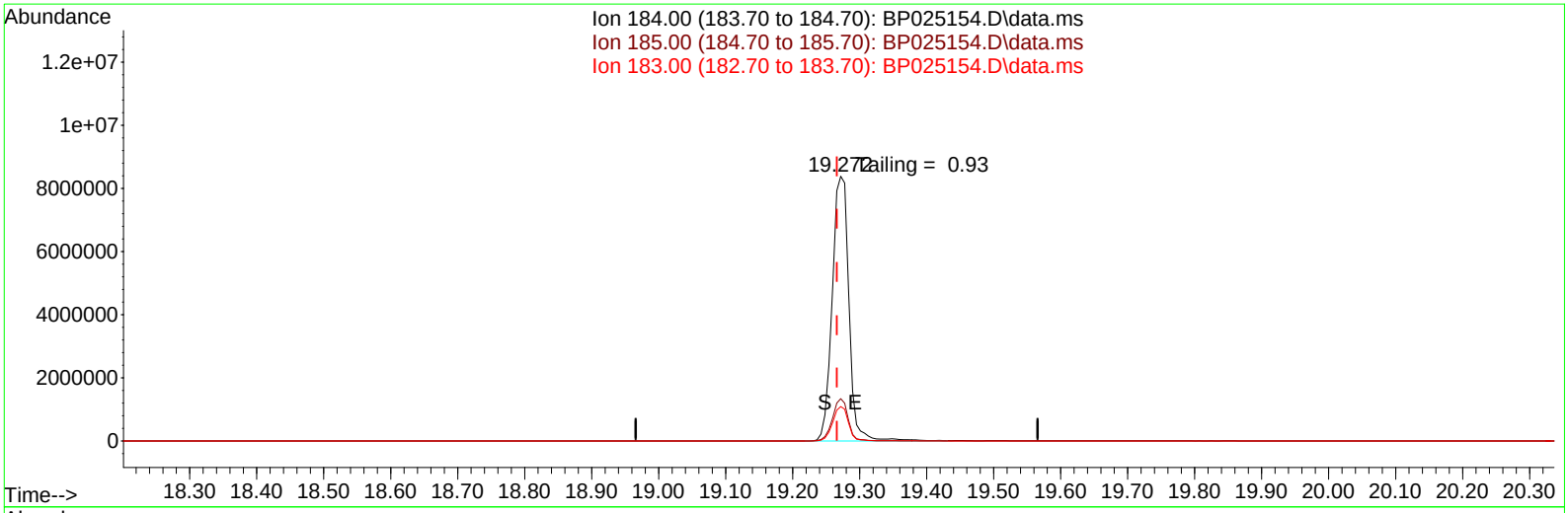
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.02
183.00	11.80	13.02
0.00	0.00	0.00

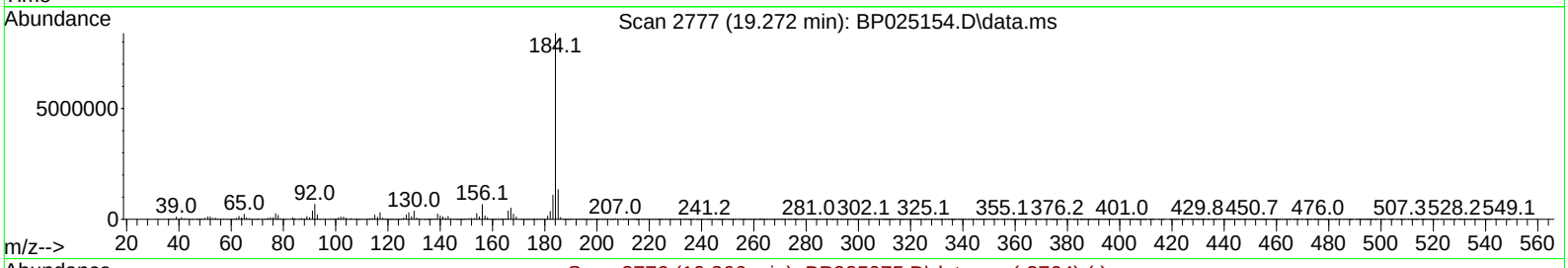
Sample Results: **BP025154.D**

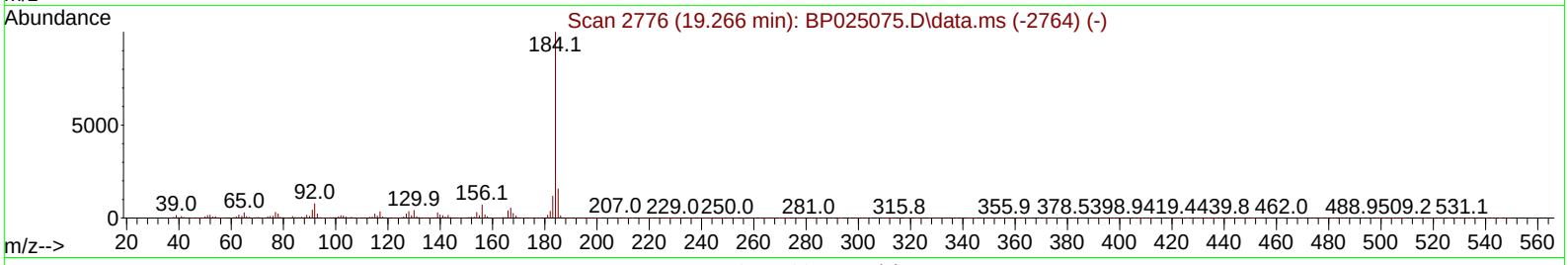
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025154.D
Acq On : 16 Jul 2025 11:19
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Jul 16 14:37:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration







TIC: BP025154.D\data.ms

(77) Benzidine

19.272min (+ 0.006) 56461.29 ng

response 14377417

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	16.02
183.00	11.80	13.02
0.00	0.00	0.00

Raw Data: **BP025083.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168767BL	SDG No.:	Q2529
Lab Sample ID:	PB168767BL	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
BP025083.D	1	07/09/25 08:55	07/10/25 14:48	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Raw Data: **BP025083.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168767BL	SDG No.:	Q2529
Lab Sample ID:	PB168767BL	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
BP025083.D	1	07/09/25 08:55	07/10/25 14:48	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Raw Data: **BP025083.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168767BL			SDG No.:	Q2529
Lab Sample ID:	PB168767BL			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
BP025083.D	1	07/09/25 08:55	07/10/25 14:48	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	146		18 - 112	97%	SPK: 150
13127-88-3	Phenol-d6	138		15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.6		18 - 107	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	96.5		20 - 109	96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	156		10 - 116	104%	SPK: 150
1718-51-0	Terphenyl-d14	105		10 - 105	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	405000	7.431			
1146-65-2	Naphthalene-d8	1590000	10.178			
15067-26-2	Acenaphthene-d10	1020000	14.089			
1517-22-2	Phenanthrene-d10	2250000	16.913			
1719-03-5	Chrysene-d12	2360000	21.336			
1520-96-3	Perylene-d12	2400000	24.471			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A		4.65	ug/Kg

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168767BL			SDG No.:	Q2529
Lab Sample ID:	PB168767BL			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
BP025083.D	1	07/09/25 08:55	07/10/25 14:48	PB168767

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

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Quant Time: Jul 10 15:21:46 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

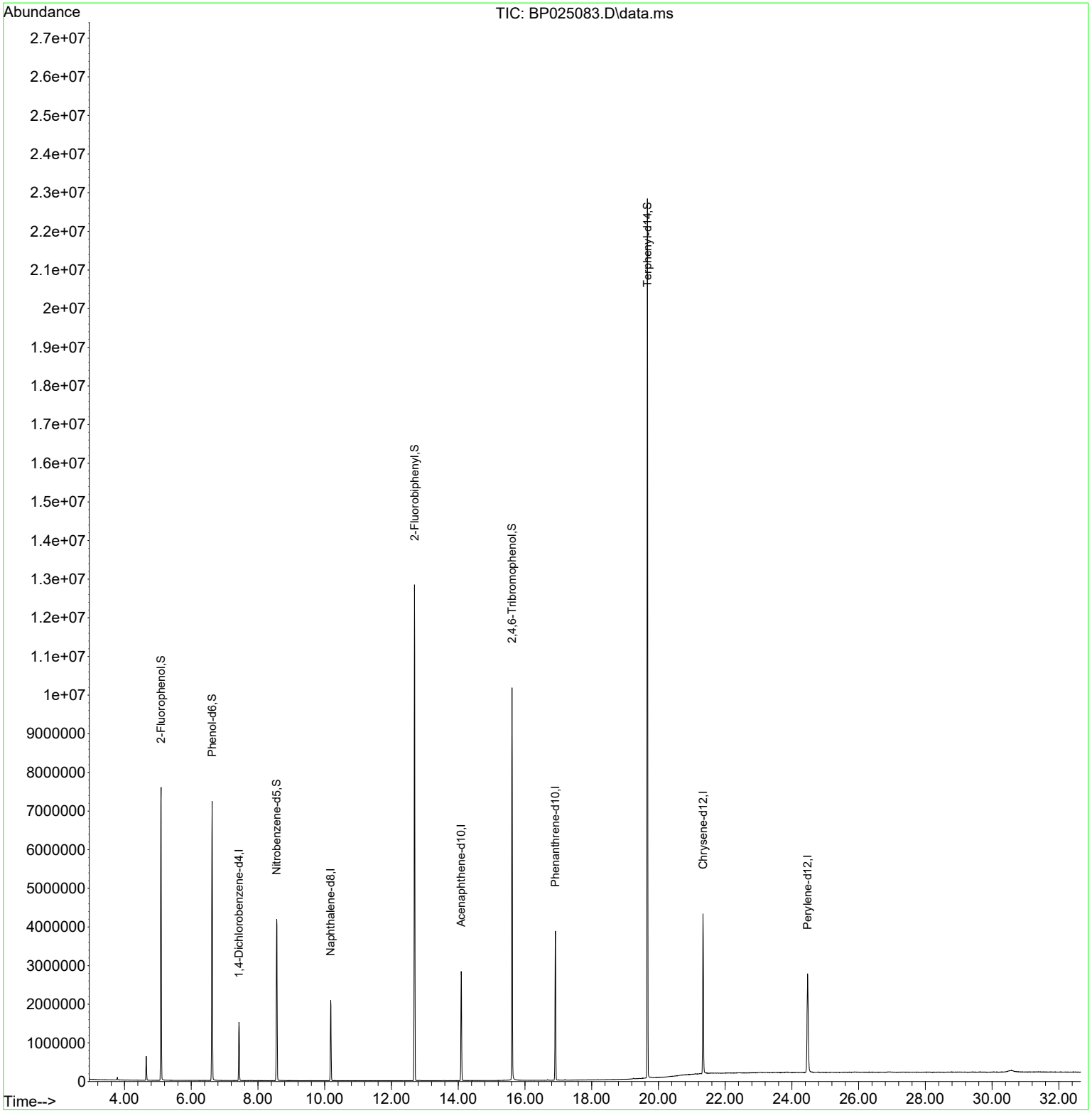
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	405320	20.000	ng	-0.01
21) Naphthalene-d8	10.178	136	1589648	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1018802	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2249210	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2364655	20.000	ng	0.00
86) Perylene-d12	24.471	264	2401938	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	3342414	146.113	ng	0.00
7) Phenol-d6	6.625	99	4131401	138.395	ng	0.00
23) Nitrobenzene-d5	8.560	82	2380307	99.583	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1881408	156.322	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6343431	96.457	ng	0.00
79) Terphenyl-d14	19.672	244	11306190	105.084	ng	0.00
Target Compounds						Qvalue

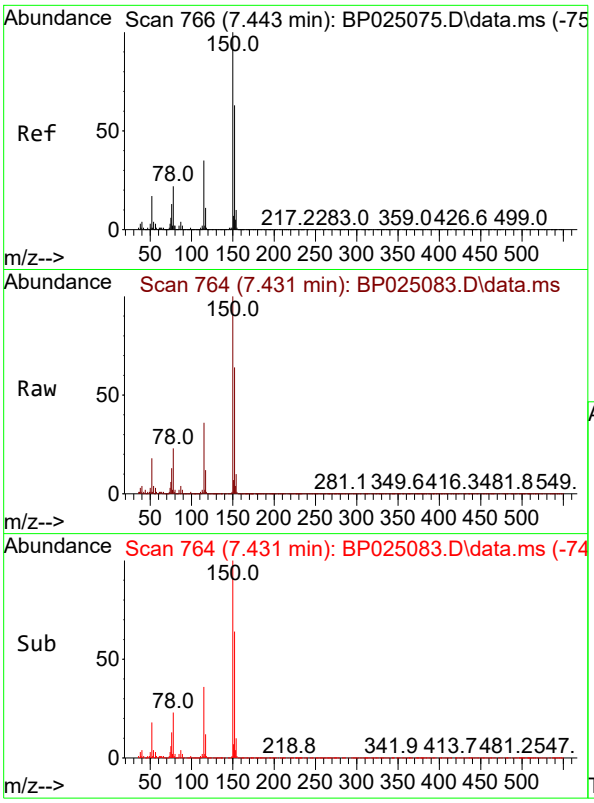
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Quant Time: Jul 10 15:21:46 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



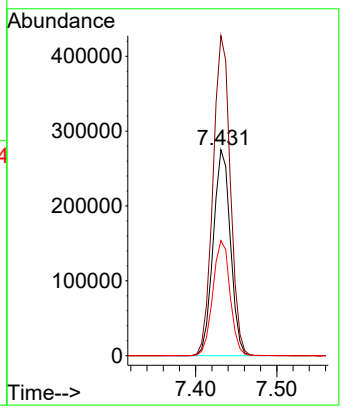


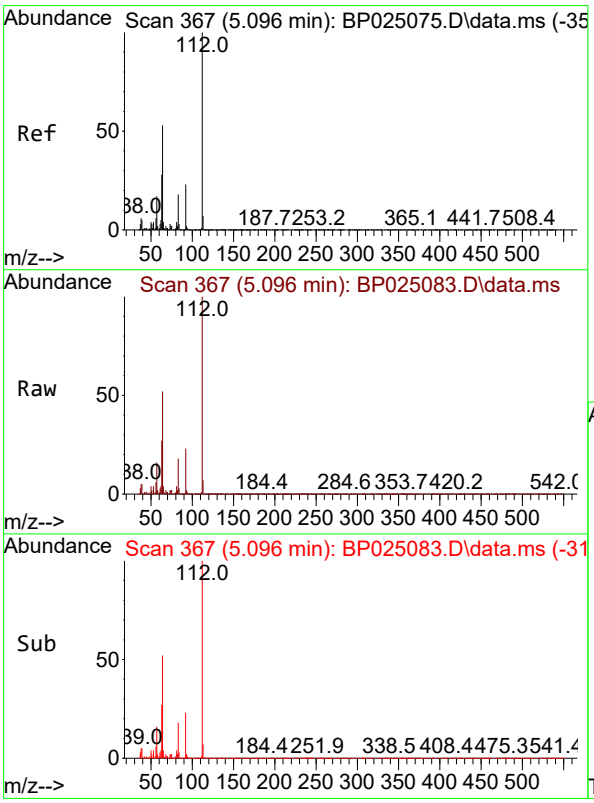
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.431 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion:152 Resp: 405320

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.1	189.1
115	56.0	44.3	66.5

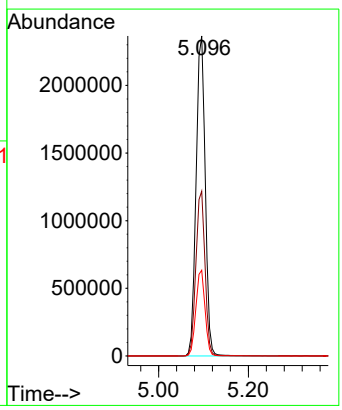


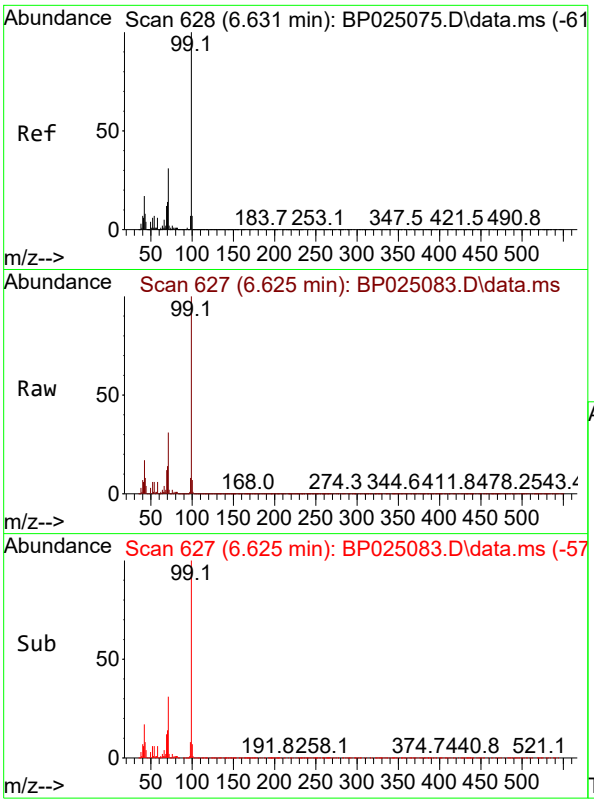


#5
2-Fluorophenol
Concen: 146.113 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:112 Resp: 3342414

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.0	63.0
63	26.8	22.2	33.2



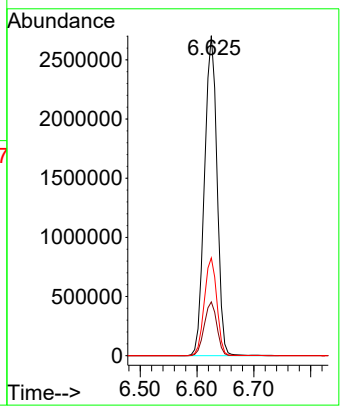


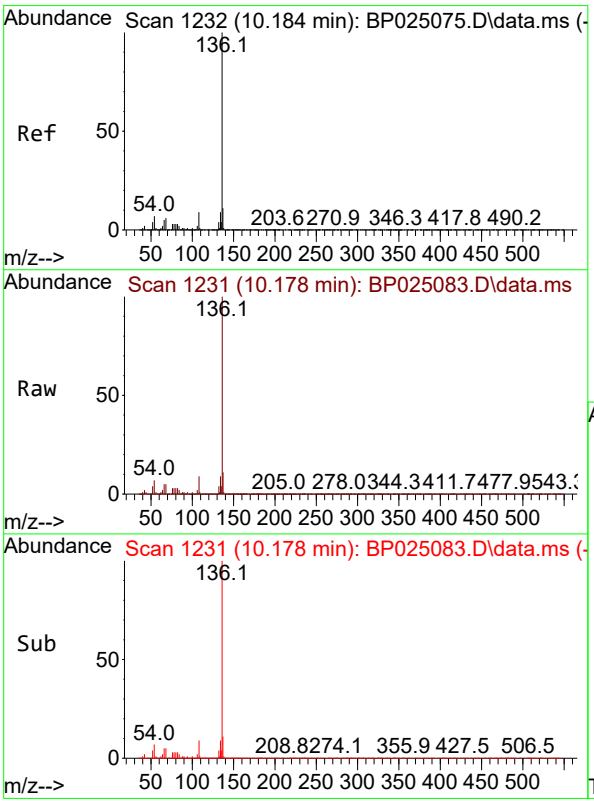
#7
Phenol-d6
Concen: 138.395 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion: 99 Resp: 4131401

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.6	20.4
71	30.5	24.4	36.6

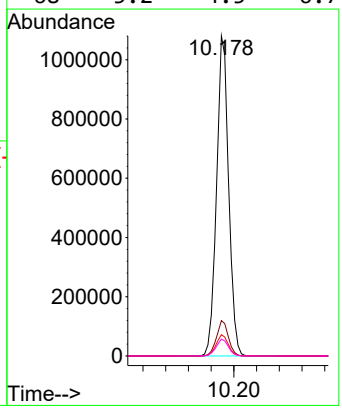


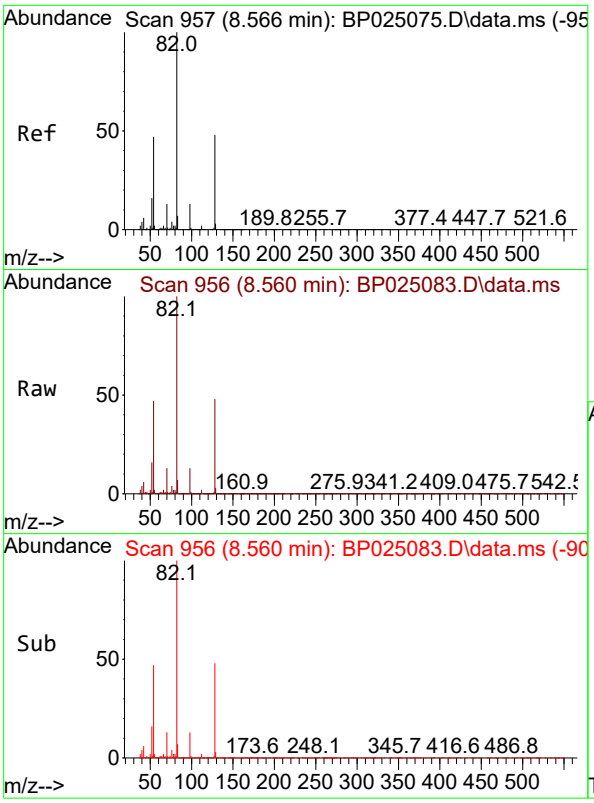


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:136 Resp: 1589648

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.6	5.4	8.2
68	5.2	4.5	6.7



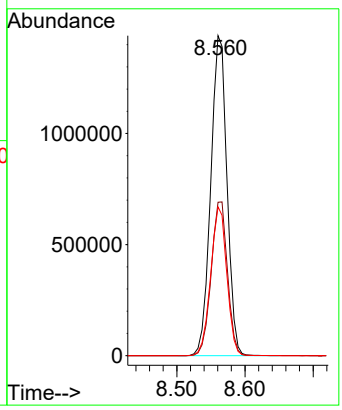


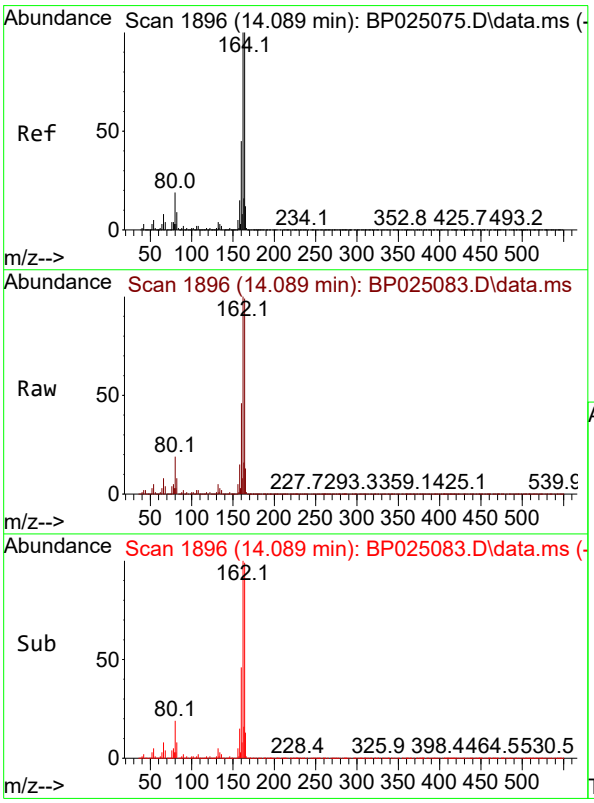
#23
Nitrobenzene-d5
Concen: 99.583 ng
RT: 8.560 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion: 82 Resp: 2380307

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.4	57.6
54	46.5	37.8	56.6

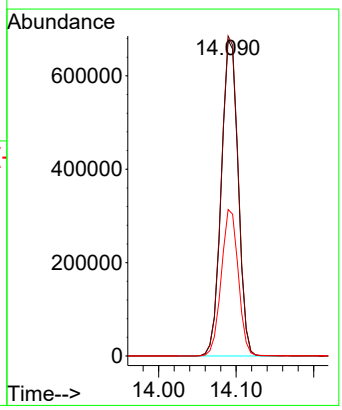


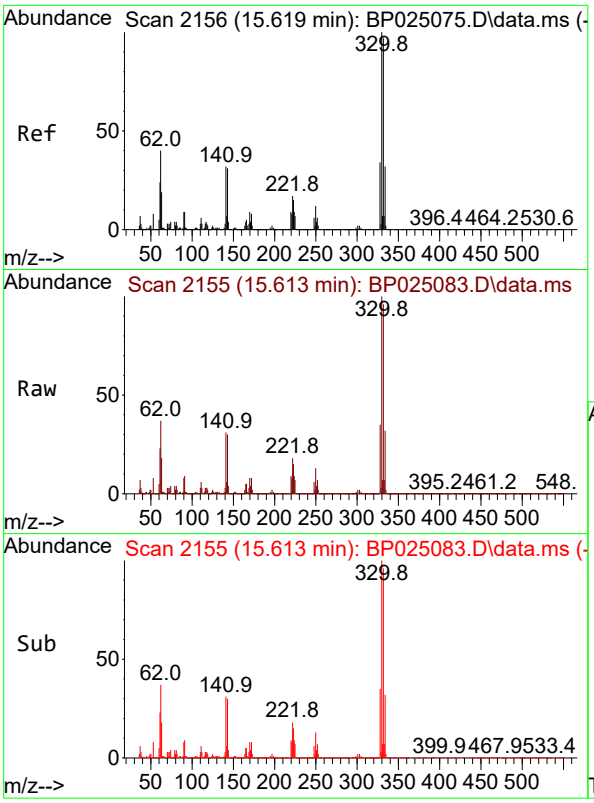


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.089 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:164 Resp: 1018802

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	46.3	35.9	53.9



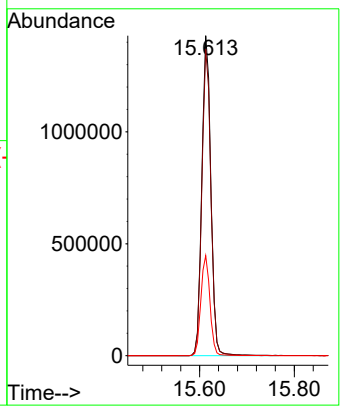


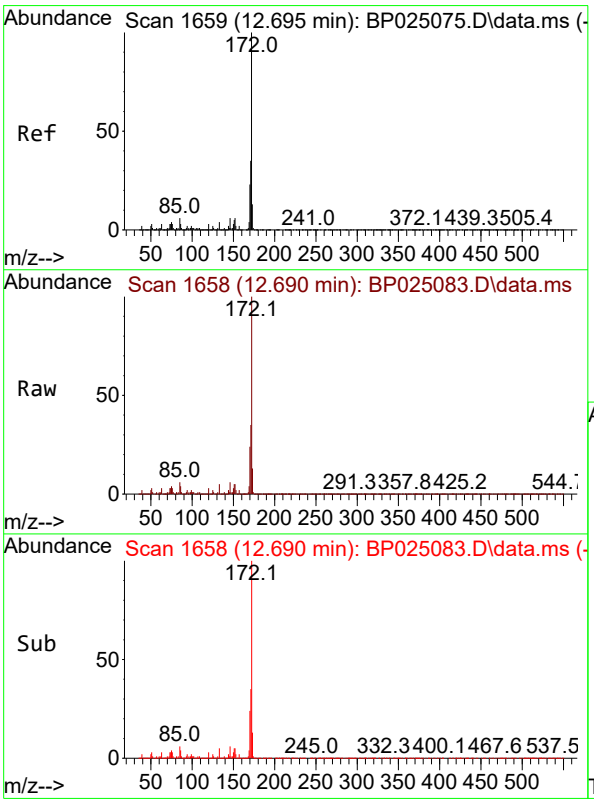
#42
2,4,6-Tribromophenol
Concen: 156.322 ng
RT: 15.613 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion:330 Resp: 1881408

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	31.6	26.0	39.0

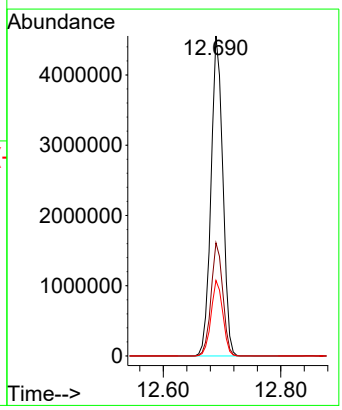


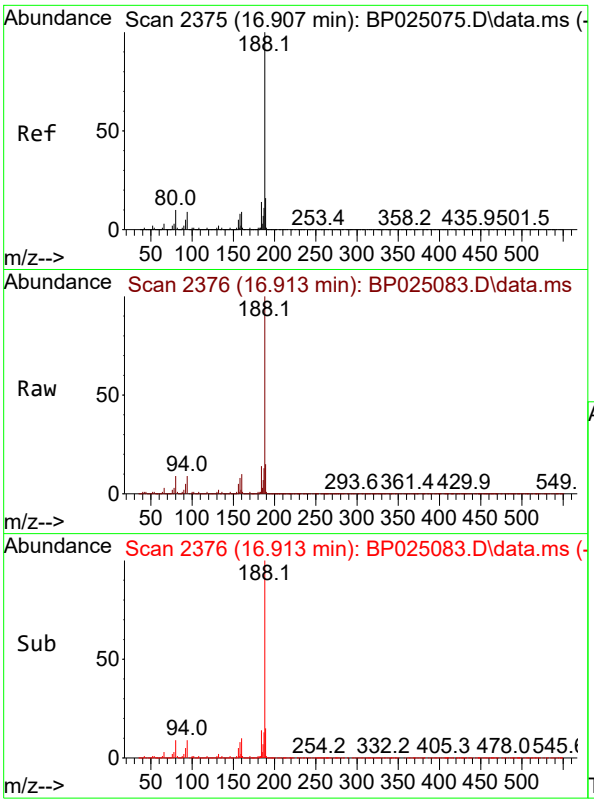


#45
2-Fluorobiphenyl
Concen: 96.457 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:172 Resp: 6343431

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.7	28.1



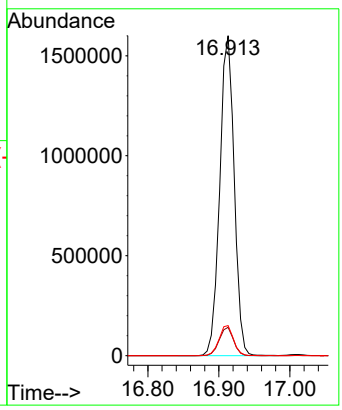


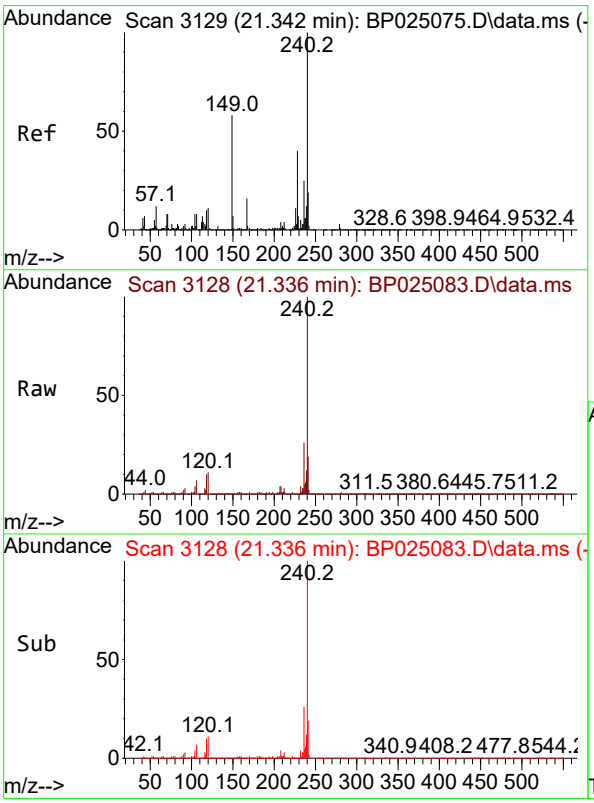
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion:188 Resp: 2249210

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.3	10.9
80	9.4	7.8	11.6

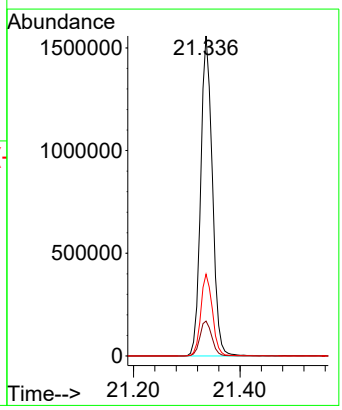


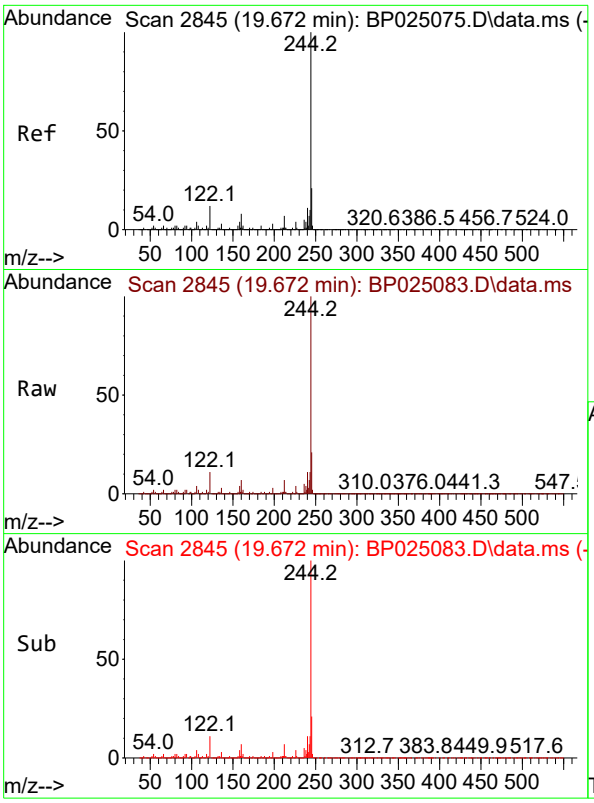


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:240 Resp: 2364655

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.0	13.4
236	25.5	20.3	30.5



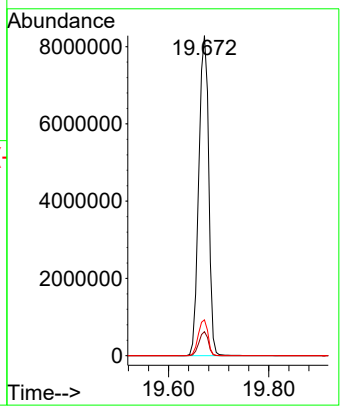


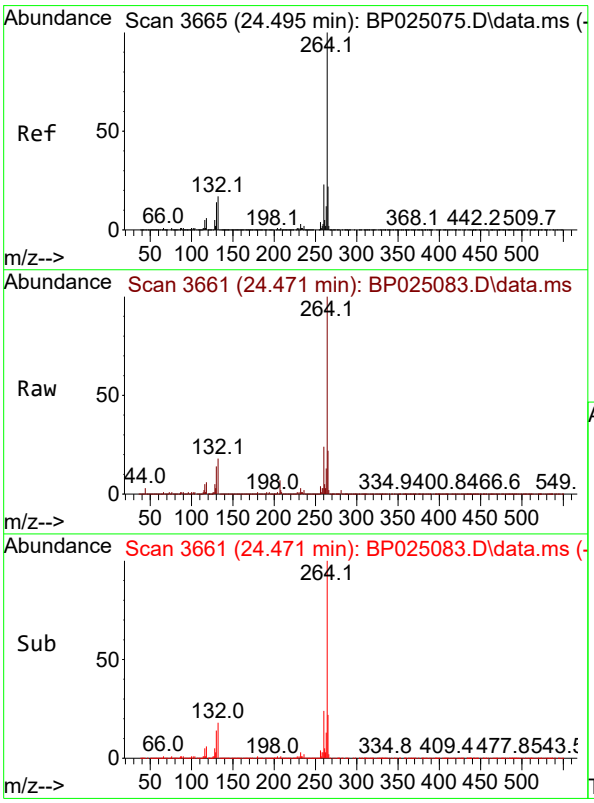
#79
Terphenyl-d14
Concen: 105.084 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Instrument :
BNA_P
ClientSampleId :
PB168767BL

Tgt Ion:244 Resp:11306190

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.4	14.2

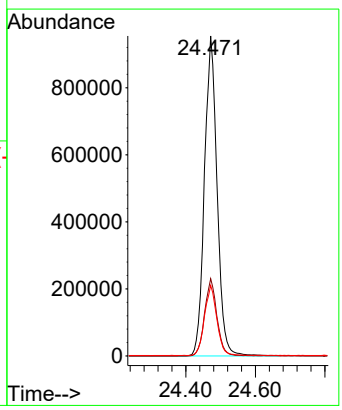




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3661
Delta R.T. -0.023 min
Lab File: BP025083.D
Acq: 10 Jul 2025 14:48

Tgt Ion:264 Resp: 2401938

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.0	17.7	26.5



Sample Results: **BP025083.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

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

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

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

Signal : TIC: BP025083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.649	286	291	300	rBV	621871	829797	2.72%	0.696%
2	5.096	360	367	383	rBV	7581205	10714122	35.11%	8.981%
3	6.625	619	627	644	rBV	7225365	11209340	36.74%	9.396%
4	7.431	757	764	773	rVB	1513178	2239272	7.34%	1.877%
5	8.560	948	956	971	rBV	4178743	6969844	22.84%	5.842%
6	10.178	1223	1231	1244	rBV	2081457	3090745	10.13%	2.591%
7	12.690	1650	1658	1670	rBV	12832198	17766850	58.23%	14.893%
8	14.090	1888	1896	1905	rBV	2826769	4289645	14.06%	3.596%
9	15.613	2149	2155	2183	rVB	10152284	13546909	44.40%	11.355%
10	16.913	2368	2376	2387	rBV2	3862869	5447668	17.85%	4.566%
11	19.672	2839	2845	2858	rBV	22741659	30512189	100.00%	25.576%
12	21.336	3122	3128	3139	rBV	4128952	6359792	20.84%	5.331%
13	24.471	3652	3661	3682	rVB	2548406	6323185	20.72%	5.300%

Sum of corrected areas: 119299358

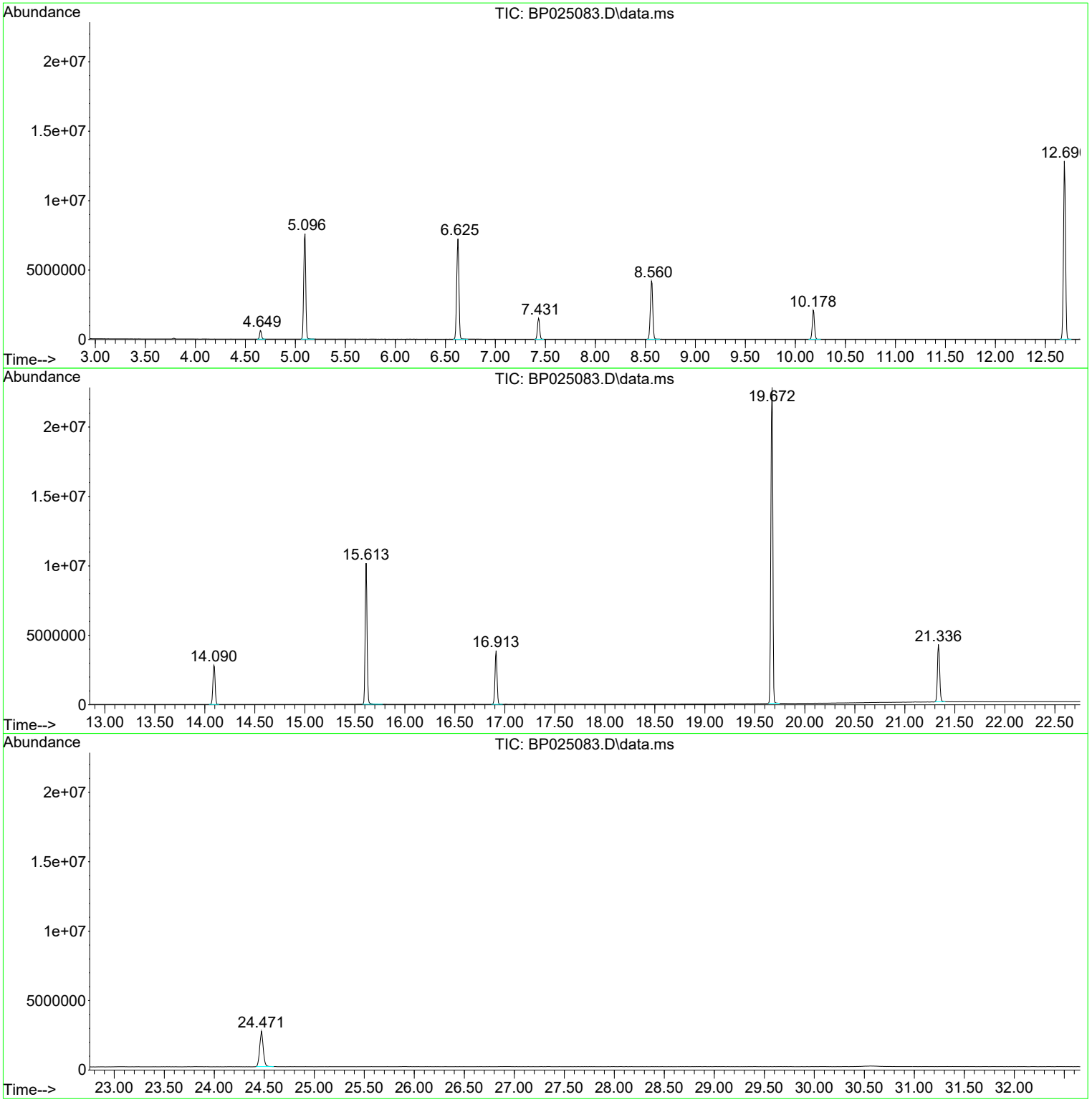
Sample Results: **BP025083.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

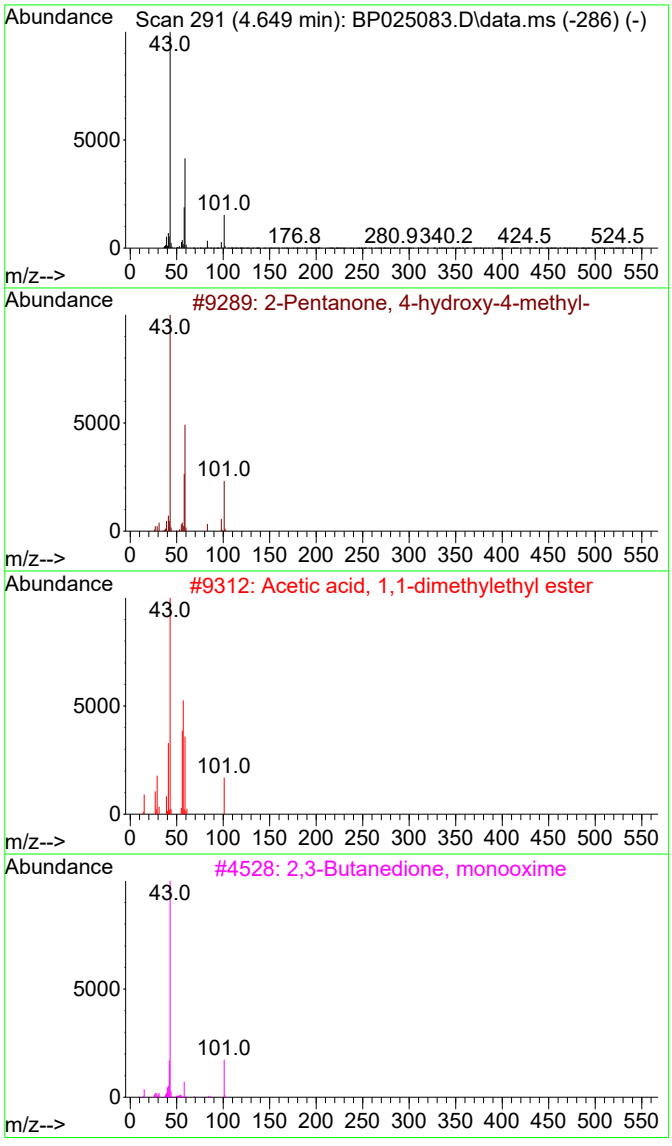
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

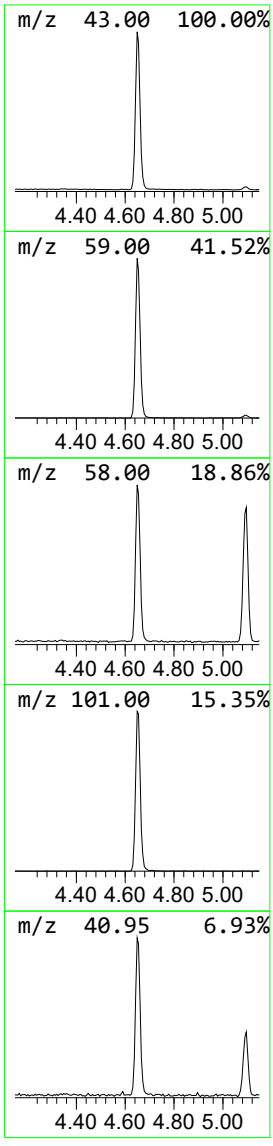
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.649	7.41 ng	829797	1,4-Dichlorobenzene-d4	7.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Sample Results: **BP025083.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025083.D
Acq On : 10 Jul 2025 14:48
Operator : CG/JU
Sample : PB168767BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.649	7.4	ng	829797	1	7.431	2239270	20.0

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168767BS			SDG No.:	Q2529
Lab Sample ID:	PB168767BS			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
BP025084.D	1	07/09/25 08:55	07/10/25 15:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1700		160	330	ug/Kg
108-95-2	Phenol	1700		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1700		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1800		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1700		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1700		18.3	170	ug/Kg
78-59-1	Isophorone	1700		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1500		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		28.3	170	ug/Kg
91-20-3	Naphthalene	1600		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1100		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6900	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1700		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Raw Data: **BP025084.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168767BS			SDG No.:	Q2529
Lab Sample ID:	PB168767BS			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
BP025084.D	1	07/09/25 08:55	07/10/25 15:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1300		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3400	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3700	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1600		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		26.7	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1800		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		25.3	170	ug/Kg
1912-24-9	Atrazine	2100		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3500	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1700		20.9	170	ug/Kg
120-12-7	Anthracene	1800		33.3	170	ug/Kg
86-74-8	Carbazole	1700		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		47.9	170	ug/Kg
206-44-0	Fluoranthene	1700		30.0	170	ug/Kg
129-00-0	Pyrene	1700		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg

Raw Data: **BP025084.D**

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	South River WM Replacement			Date Received:	
Client Sample ID:	PB168767BS			SDG No.:	Q2529
Lab Sample ID:	PB168767BS			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
BP025084.D	1	07/09/25 08:55	07/10/25 15:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	155		18 - 112	103%	SPK: 150
13127-88-3	Phenol-d6	148		15 - 107	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		18 - 107	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.8		20 - 109	99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		10 - 116	107%	SPK: 150
1718-51-0	Terphenyl-d14	105		10 - 105	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	420000	7.443			
1146-65-2	Naphthalene-d8	1680000	10.184			
15067-26-2	Acenaphthene-d10	1080000	14.084			
1517-22-2	Phenanthrene-d10	2210000	16.913			
1719-03-5	Chrysene-d12	2320000	21.354			
1520-96-3	Perylene-d12	2460000	24.483			

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 : BP025084.D
Acq On : 10 Jul 2025 15:30
Operator : CG/JU
Sample : PB168767BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Quant Time: Jul 10 16:04:09 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	420219	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1675734	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1078667	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2205227	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2320390	20.000	ng	0.01
86) Perylene-d12	24.483	264	2463988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	3677464	155.060	ng	0.00
7) Phenol-d6	6.637	99	4566959	147.562	ng	0.00
23) Nitrobenzene-d5	8.572	82	2605524	103.406	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2048035	160.723	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6881510	98.831	ng	0.00
79) Terphenyl-d14	19.672	244	11065557	104.809	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.126	88	373761	40.528	ng	98
3) Pyridine	3.490	79	1028001	40.715	ng	98
4) n-Nitrosodimethylamine	3.402	42	499478	46.722	ng	100
6) Aniline	6.784	93	1597351	55.239	ng	100
8) 2-Chlorophenol	7.019	128	1356628	51.125	ng	99
9) Benzaldehyde	6.602	77	848079	52.469	ng	98
10) Phenol	6.661	94	1613057	51.294	ng	99
11) bis(2-Chloroethyl)ether	6.890	93	1164922	48.133	ng	99
12) 1,3-Dichlorobenzene	7.337	146	1456973	49.060	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1481917	49.286	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1425591	49.287	ng	99
15) Benzyl Alcohol	7.672	79	1035528	50.130	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1532122	48.687	ng	99
17) 2-Methylphenol	7.878	107	1110811	54.836	ng	99
18) Hexachloroethane	8.502	117	494199	50.453	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	853726	46.513	ng	99
20) 3+4-Methylphenols	8.202	107	1467393	51.717	ng	99
22) Acetophenone	8.243	105	1854219	46.788	ng	99
24) Nitrobenzene	8.613	77	1286544	50.128	ng	97
25) Isophorone	9.137	82	2421562	51.426	ng	99
26) 2-Nitrophenol	9.313	139	569593	45.890	ng	99
27) 2,4-Dimethylphenol	9.384	122	1279756	72.857	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1553510	48.588	ng	99
29) 2,4-Dichlorophenol	9.837	162	1289854	52.957	ng	99
30) 1,2,4-Trichlorobenzene	10.055	180	1328347	49.248	ng	98
31) Naphthalene	10.237	128	4025792	46.656	ng	100
32) Benzoic acid	9.519	122	768871	44.356	ng	99
33) 4-Chloroaniline	10.343	127	1087831	33.782	ng	99
34) Hexachlorobutadiene	10.537	225	765704	49.469	ng	100
35) Caprolactam	11.113	113	411589m	49.396	ng	
36) 4-Chloro-3-methylphenol	11.484	107	1332551	52.353	ng	100
37) 2-Methylnaphthalene	11.866	142	2607625	42.831	ng	100
38) 1-Methylnaphthalene	12.090	142	2756932	46.431	ng	100
40) 1,2,4,5-Tetrachloroben...	12.243	216	1474649	47.568	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1685391	208.137	ng	98
43) 2,4,6-Trichlorophenol	12.490	196	1031791	54.966	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025084.D
Acq On : 10 Jul 2025 15:30
Operator : CG/JU
Sample : PB168767BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Quant Time: Jul 10 16:04:09 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

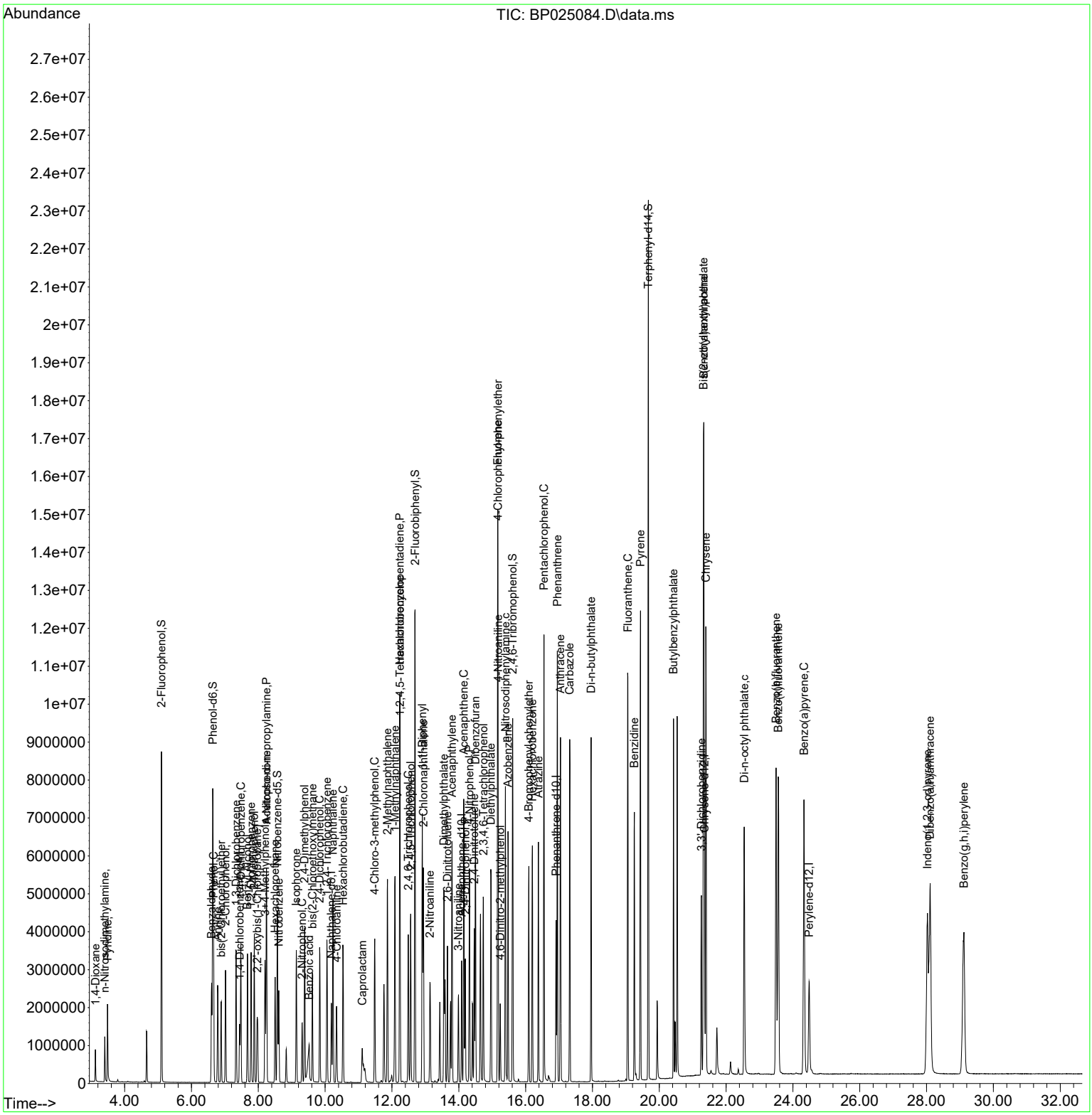
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	1173309	55.153	ng	99
46) 1,1'-Biphenyl	12.907	154	3743427	47.698	ng	100
47) 2-Chloronaphthalene	12.943	162	2861497	48.510	ng	100
48) 2-Nitroaniline	13.137	65	736535	50.801	ng	99
49) Acenaphthylene	13.796	152	4892015	54.185	ng	100
50) Dimethylphthalate	13.554	163	3705549	49.076	ng	99
51) 2,6-Dinitrotoluene	13.660	165	792263	53.800	ng	99
52) Acenaphthene	14.148	154	2803184	48.173	ng	100
53) 3-Nitroaniline	13.990	138	633192	40.122	ng	98
54) 2,4-Dinitrophenol	14.195	184	751646	102.794	ng	95
55) Dibenzofuran	14.495	168	4501415	46.874	ng	99
56) 4-Nitrophenol	14.319	139	1609549	110.515	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1144571	52.686	ng	99
58) Fluorene	15.166	166	3597418	48.431	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.737	232	1015880	52.733	ng	99
60) Diethylphthalate	14.960	149	3755069	49.514	ng	100
61) 4-Chlorophenyl-phenyle...	15.172	204	1794033	48.804	ng	98
62) 4-Nitroaniline	15.178	138	916515	55.384	ng	100
63) Azobenzene	15.472	77	3241778	48.004	ng	98
65) 4,6-Dinitro-2-methylph...	15.243	198	498938	49.519	ng	99
66) n-Nitrosodiphenylamine	15.395	169	3254196	51.563	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	1162551	51.488	ng	97
68) Hexachlorobenzene	16.201	284	1407568	51.003	ng	99
69) Atrazine	16.384	200	1167691	63.141	ng	100
70) Pentachlorophenol	16.548	266	1931158	103.612	ng	100
71) Phenanthrene	16.948	178	5869673	49.813	ng	99
72) Anthracene	17.042	178	6009578	53.160	ng	100
73) Carbazole	17.319	167	5747053	51.995	ng	100
74) Di-n-butylphthalate	17.960	149	6527040	53.028	ng	99
75) Fluoranthene	19.060	202	6907625	50.151	ng	100
77) Benzidine	19.254	184	3889346	94.905	ng	99
78) Pyrene	19.436	202	7219325	50.232	ng	100
80) Butylbenzylphthalate	20.425	149	2798969	50.353	ng	97
81) Benzo(a)anthracene	21.330	228	7236650	51.463	ng	100
82) 3,3'-Dichlorobenzidine	21.260	252	1691514	39.959	ng	100
83) Chrysene	21.395	228	6674669	49.324	ng	100
84) Bis(2-ethylhexyl)phtha...	21.325	149	4130780	54.766	ng	100
85) Di-n-octyl phthalate	22.542	149	6737637	48.625	ng	99
87) Indeno(1,2,3-cd)pyrene	28.024	276	8567191m	54.579	ng	
88) Benzo(b)fluoranthene	23.495	252	7113206	49.598	ng	100
89) Benzo(k)fluoranthene	23.560	252	7458645	52.268	ng	100
90) Benzo(a)pyrene	24.330	252	6885544	56.410	ng	99
91) Dibenzo(a,h)anthracene	28.107	278	7033453	54.207	ng	99
92) Benzo(g,h,i)perylene	29.118	276	6876188	51.301	ng	99

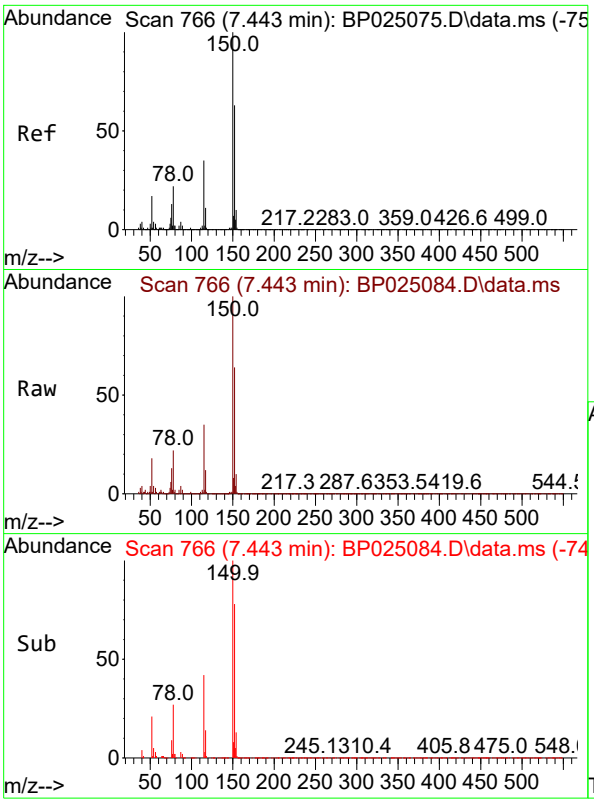
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025084.D
Acq On : 10 Jul 2025 15:30
Operator : CG/JU
Sample : PB168767BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Quant Time: Jul 10 16:04:09 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



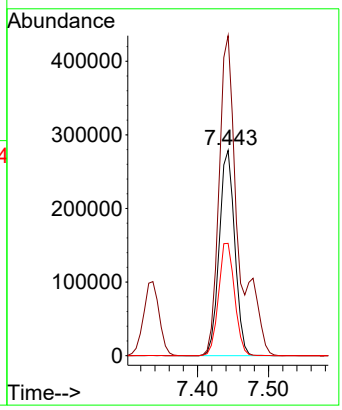


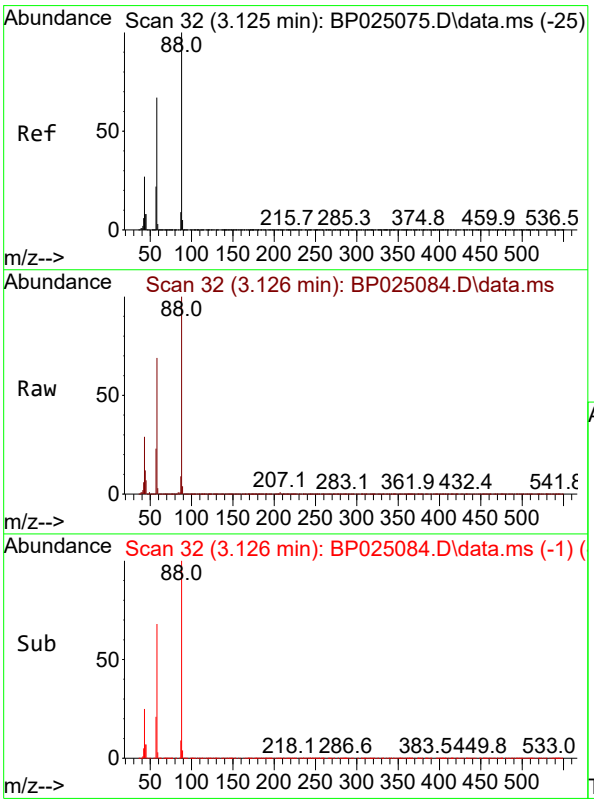
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:152 Resp: 420219

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.1	189.1
115	54.7	44.3	66.5

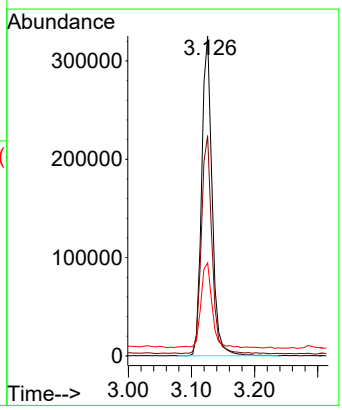


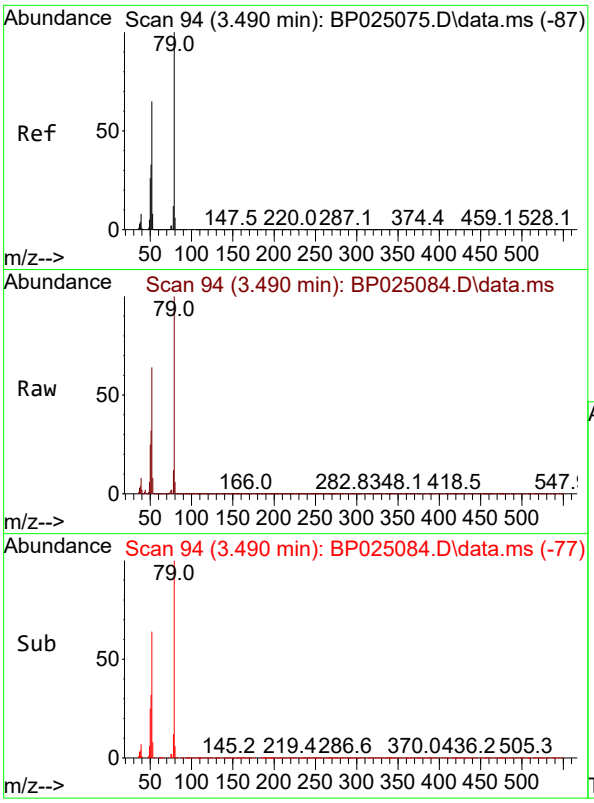


#2
1,4-Dioxane
Concen: 40.528 ng
RT: 3.126 min Scan# 32
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 88 Resp: 373761

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.0	82.4
43	28.9	21.9	32.9



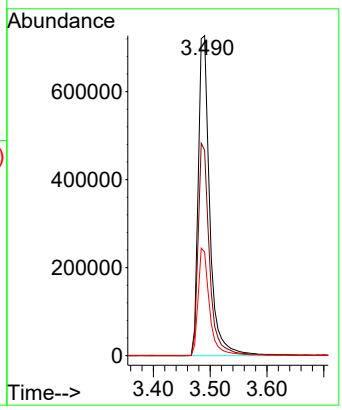


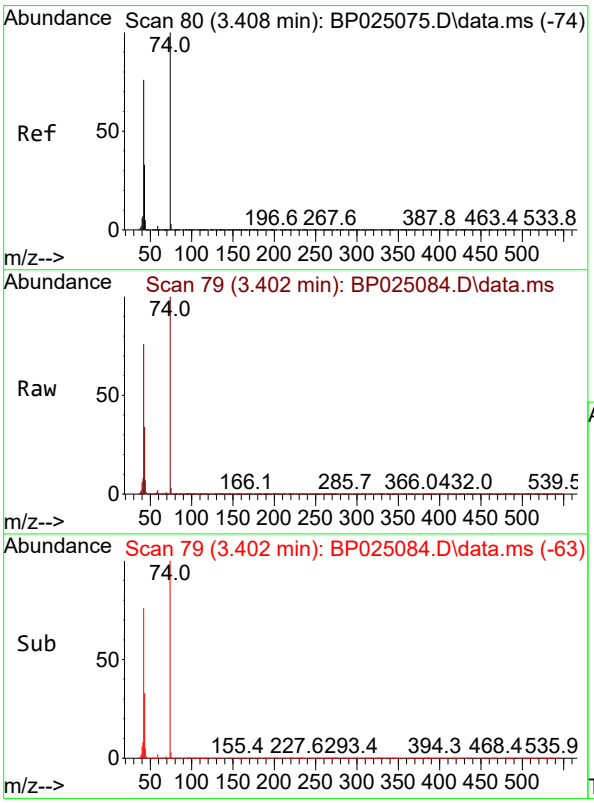
#3
Pyridine
Concen: 40.715 ng
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 79 Resp: 1028001

Ion	Ratio	Lower	Upper
79	100		
52	64.2	52.2	78.4
51	32.4	26.8	40.2

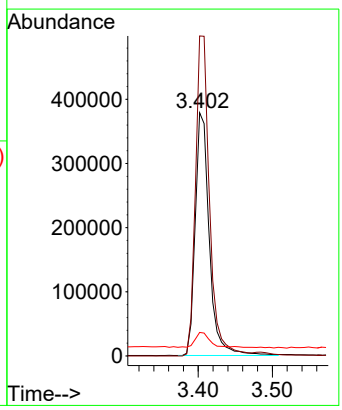


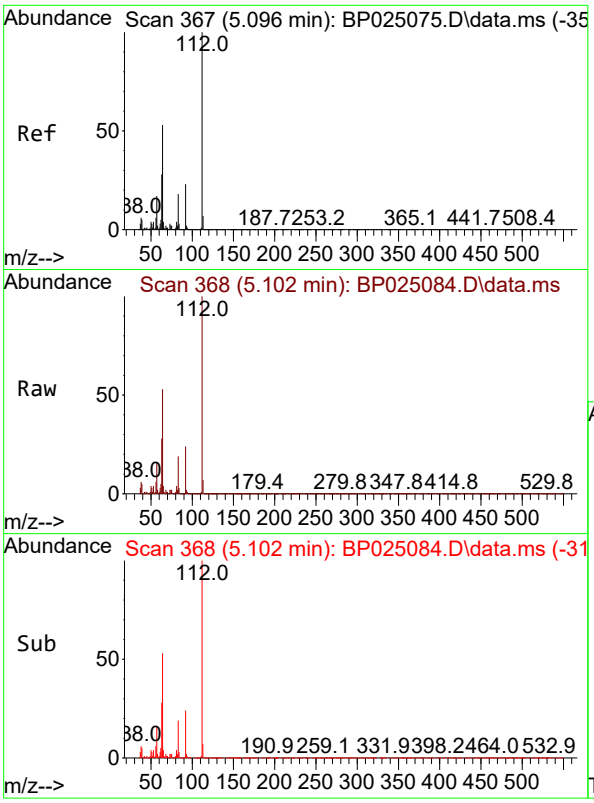


#4
n-Nitrosodimethylamine
Concen: 46.722 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 42 Resp: 499478

Ion	Ratio	Lower	Upper
42	100		
74	131.5	105.2	157.8
44	9.7	6.6	9.8



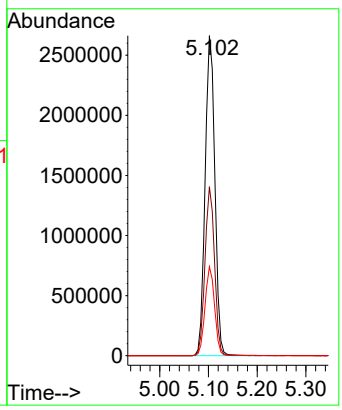


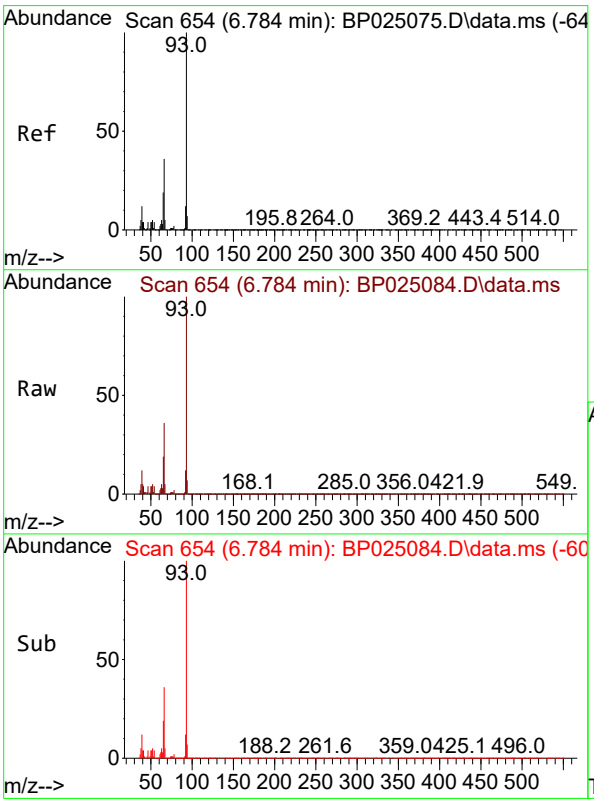
#5
2-Fluorophenol
Concen: 155.060 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:112 Resp: 3677464

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.0	63.0
63	27.8	22.2	33.2

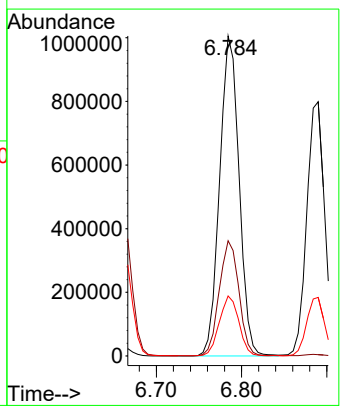


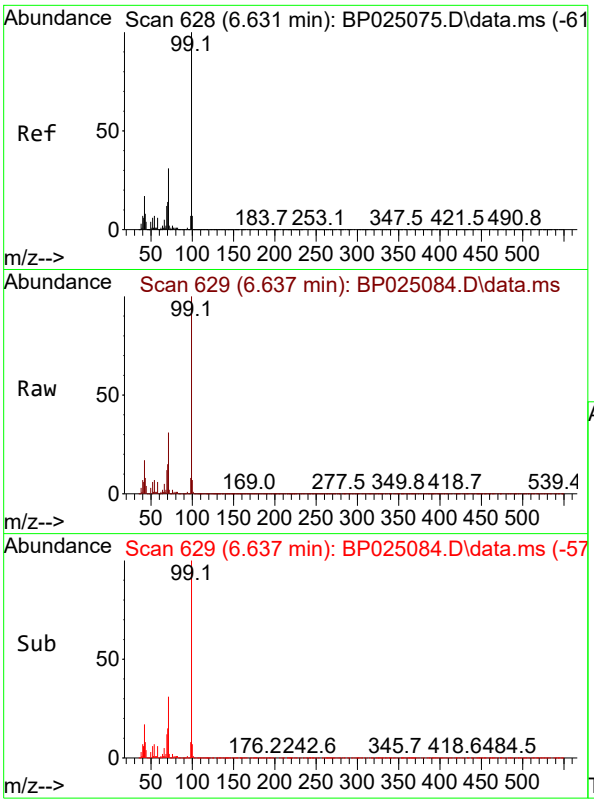


#6
Aniline
Concen: 55.239 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 93 Resp: 1597351

Ion	Ratio	Lower	Upper
93	100		
66	36.0	28.9	43.3
65	18.8	15.2	22.8



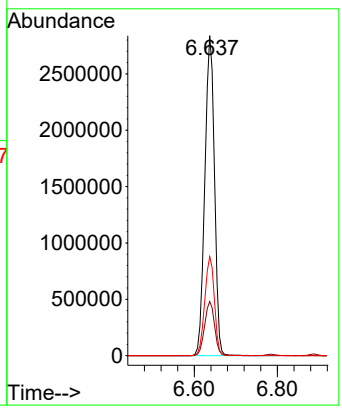


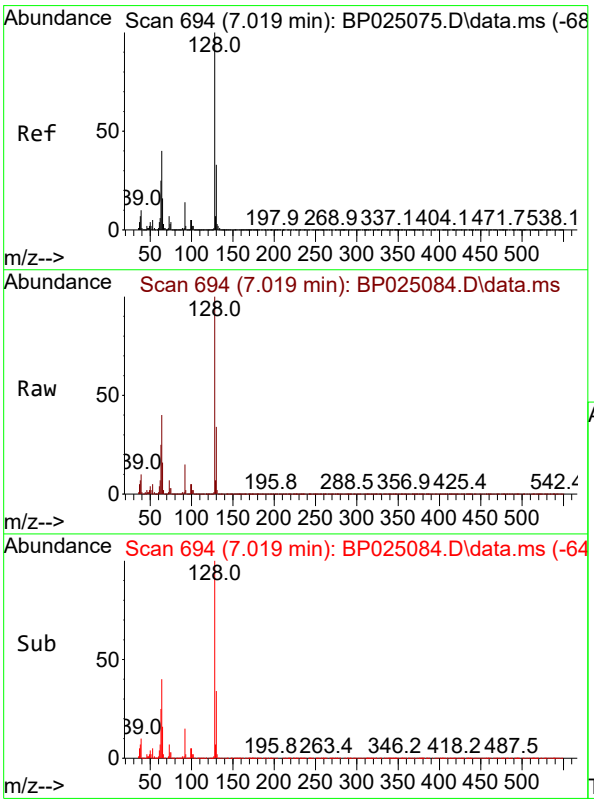
#7
Phenol-d6
Concen: 147.562 ng
RT: 6.637 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 99 Resp: 4566959

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	30.9	24.4	36.6

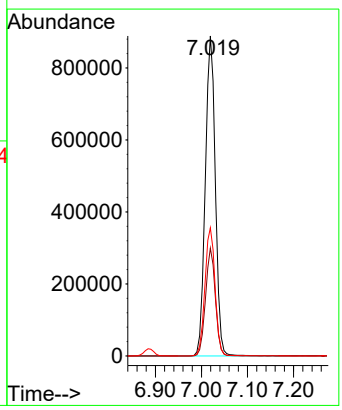


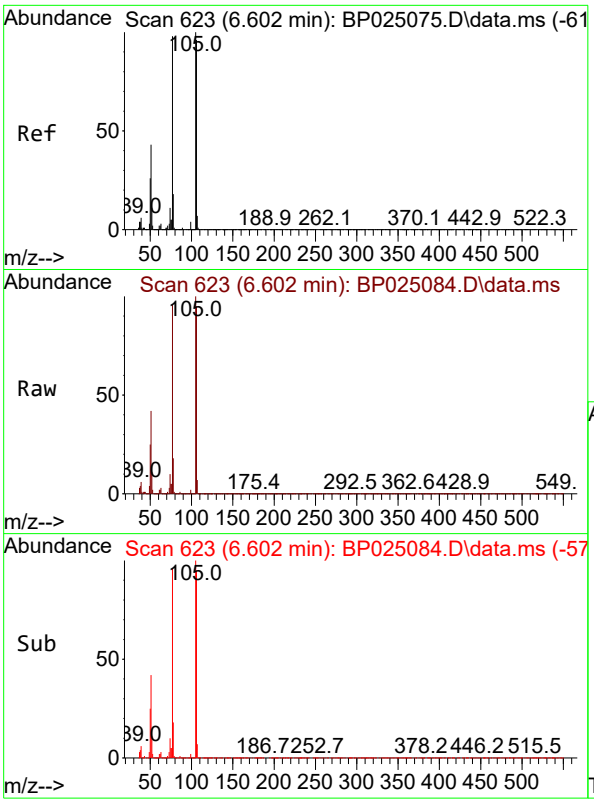


#8
2-Chlorophenol
Concen: 51.125 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:128 Resp: 1356628

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	40.0	20.3	60.3



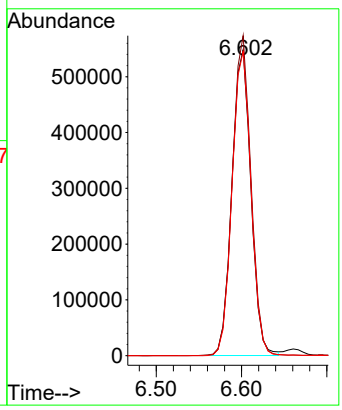


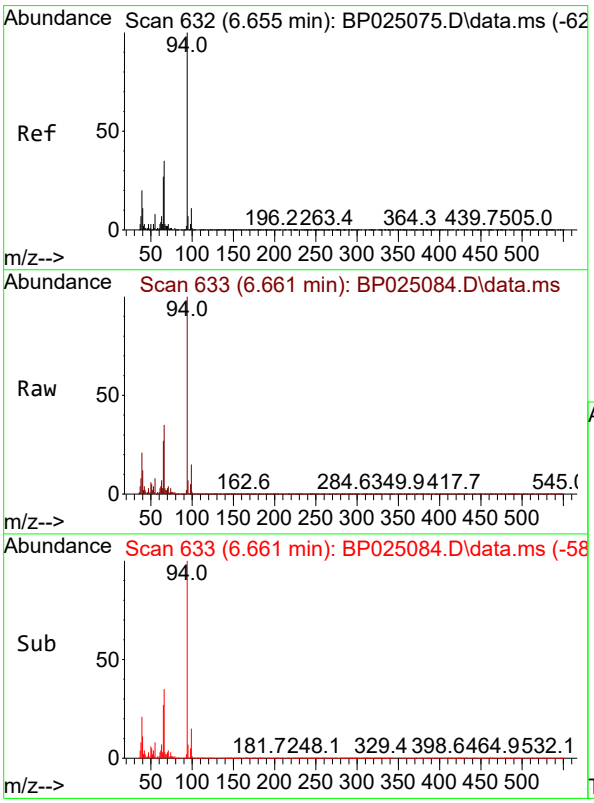
#9
Benzaldehyde
Concen: 52.469 ng
RT: 6.602 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 77 Resp: 848079

Ion	Ratio	Lower	Upper
77	100		
105	104.6	82.4	122.4
106	99.5	78.3	118.3

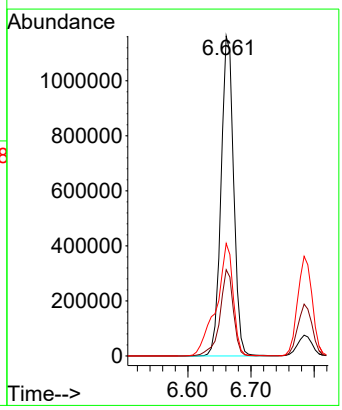


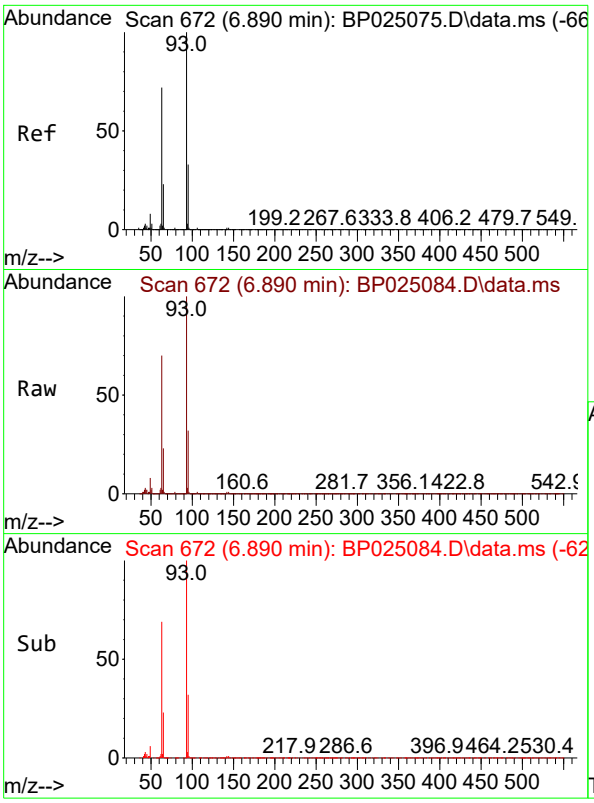


#10
Phenol
Concen: 51.294 ng
RT: 6.661 min Scan# 633
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 94 Resp: 1613057

Ion	Ratio	Lower	Upper
94	100		
65	27.0	6.9	46.9
66	35.1	14.6	54.6



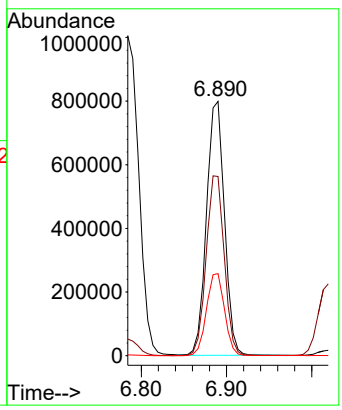


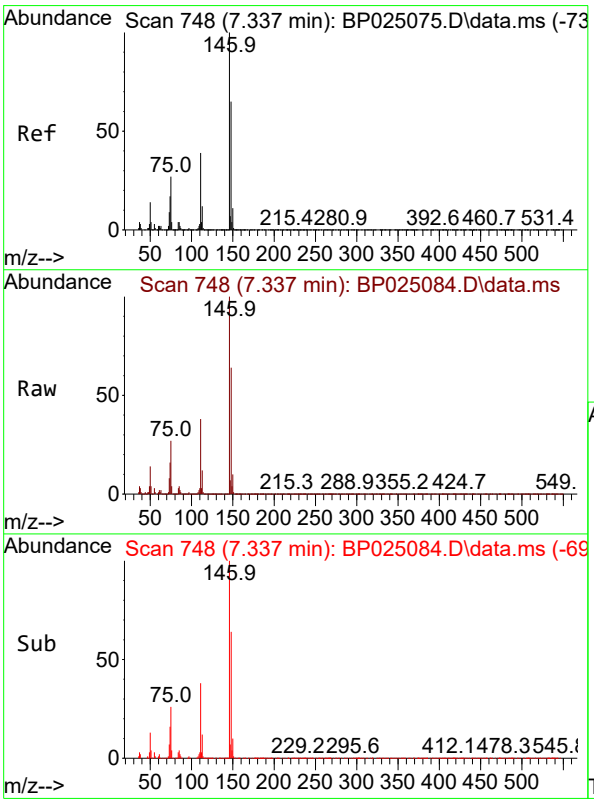
#11
bis(2-Chloroethyl)ether
Concen: 48.133 ng
RT: 6.890 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 93 Resp: 1164922

Ion	Ratio	Lower	Upper
93	100		
63	70.4	51.9	91.9
95	32.3	12.4	52.4

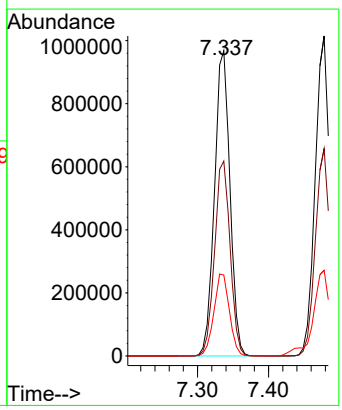


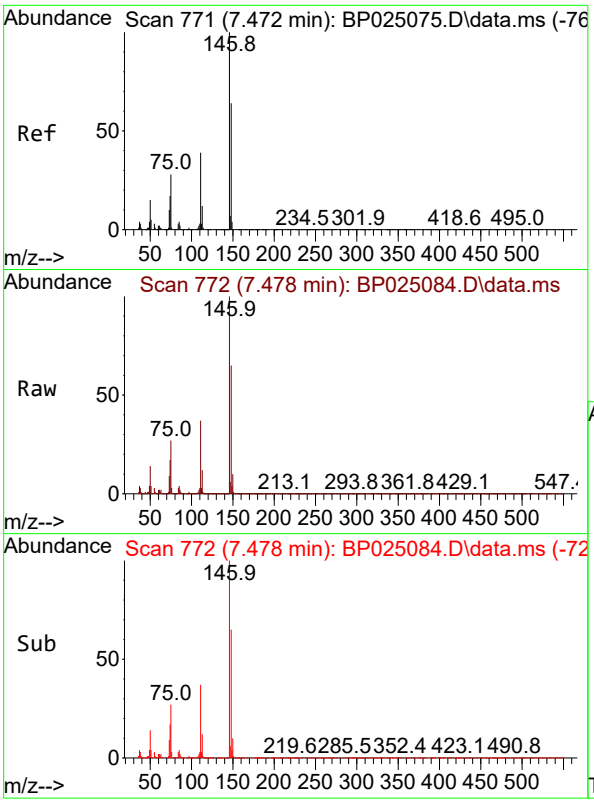


#12
1,3-Dichlorobenzene
Concen: 49.060 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:146 Resp: 1456973

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.9	77.9
75	26.5	21.8	32.6



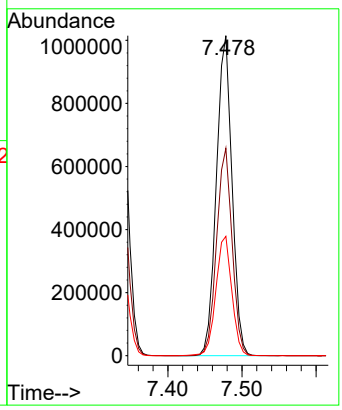


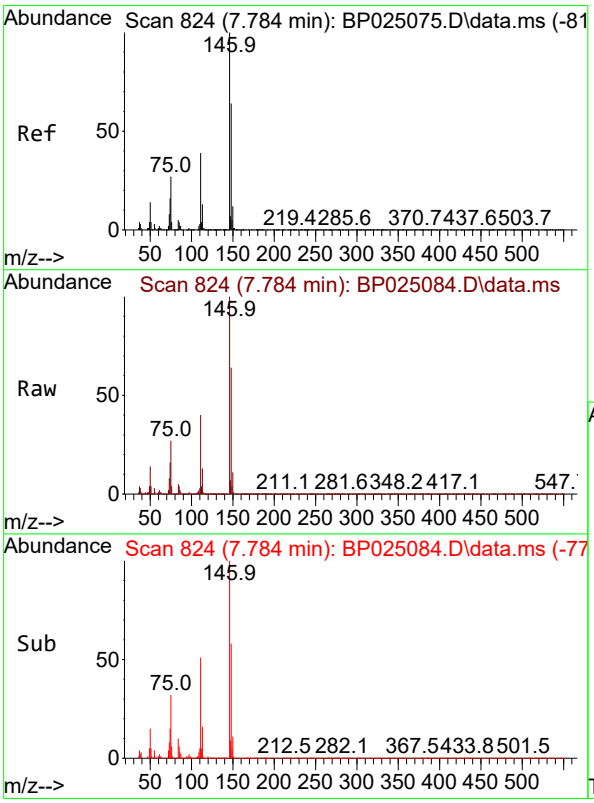
#13
1,4-Dichlorobenzene
Concen: 49.286 ng
RT: 7.478 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:146 Resp: 1481917

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	37.3	31.2	46.8

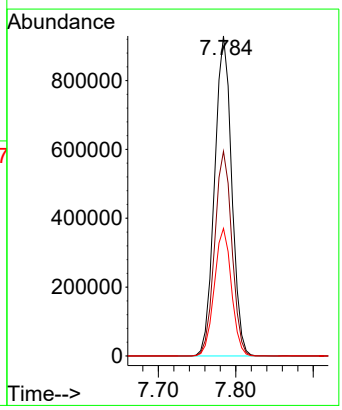


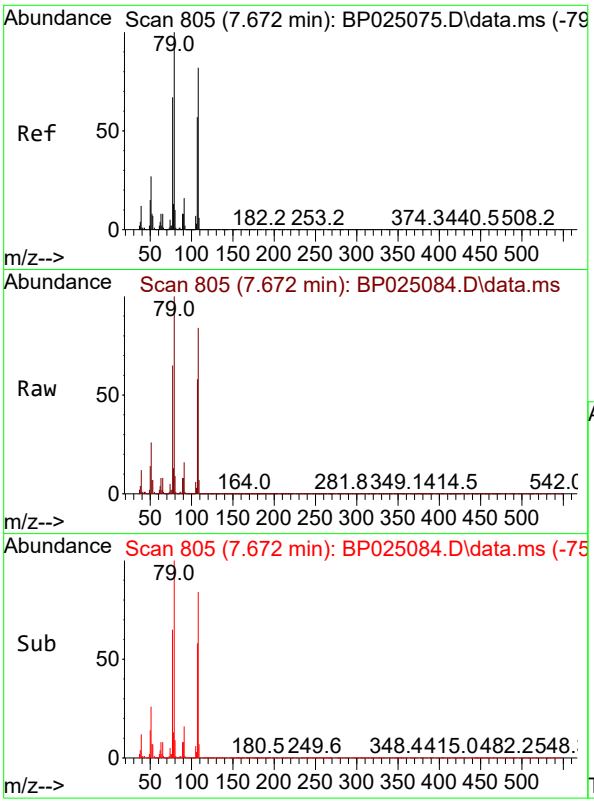


#14
1,2-Dichlorobenzene
Concen: 49.287 ng
RT: 7.784 min Scan# 824
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:146 Resp: 1425591

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	39.8	31.2	46.8



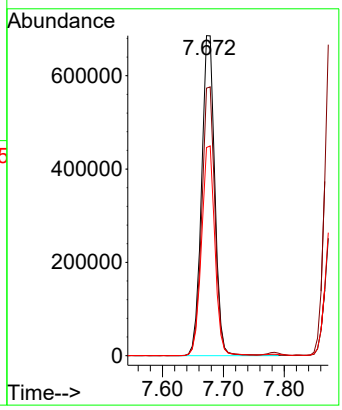


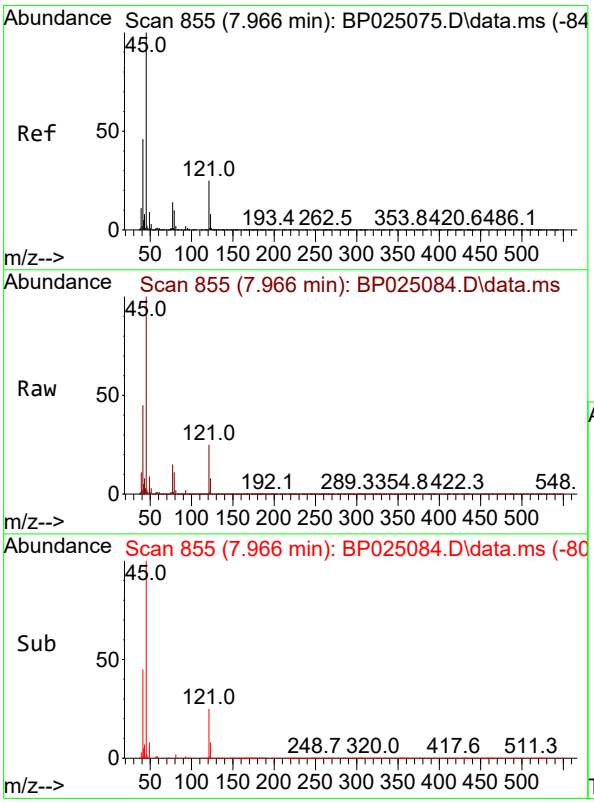
#15
Benzyl Alcohol
Concen: 50.130 ng
RT: 7.672 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 79 Resp: 1035528

Ion	Ratio	Lower	Upper
79	100		
108	83.6	66.0	99.0
77	65.0	53.4	80.2

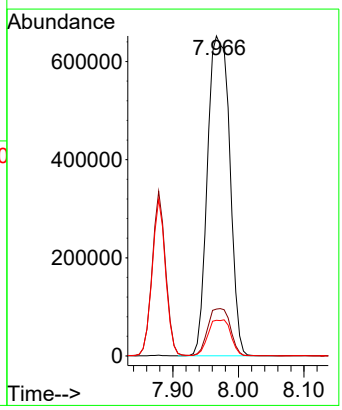


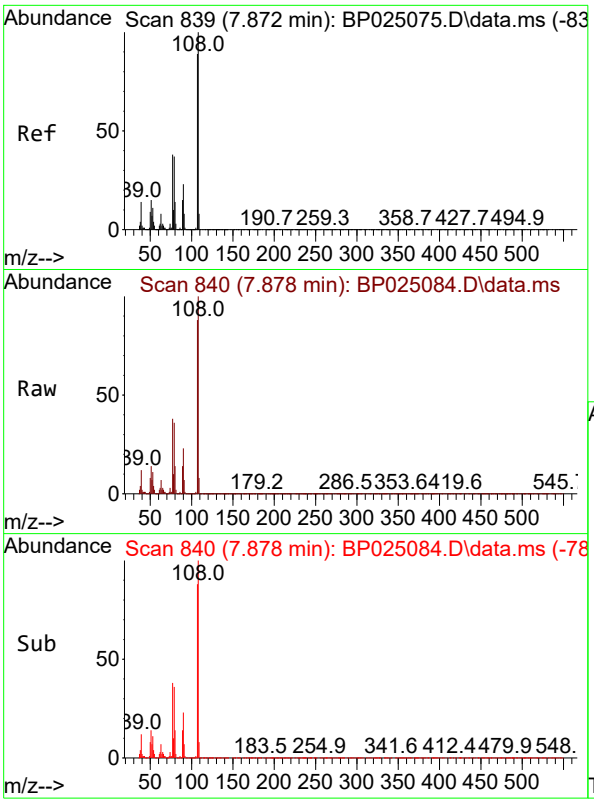


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.687 ng
RT: 7.966 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 45 Resp: 1532122

Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.8
79	11.1	0.0	30.7



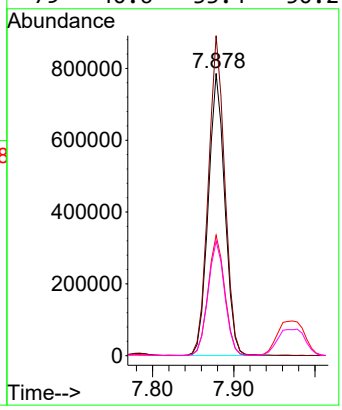


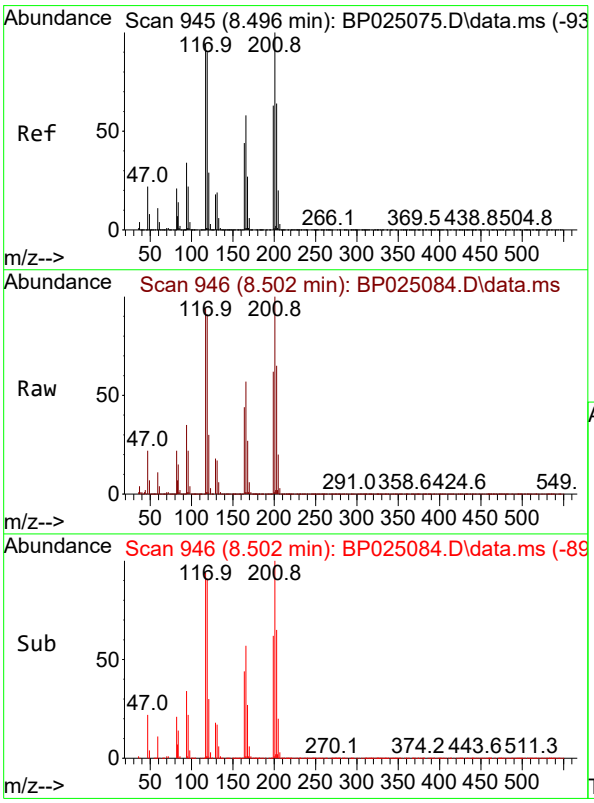
#17
2-Methylphenol
Concen: 54.836 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:107 Resp: 1110811

Ion	Ratio	Lower	Upper
107	100		
108	113.4	89.7	134.5
77	42.7	34.2	51.4
79	40.6	33.4	50.2

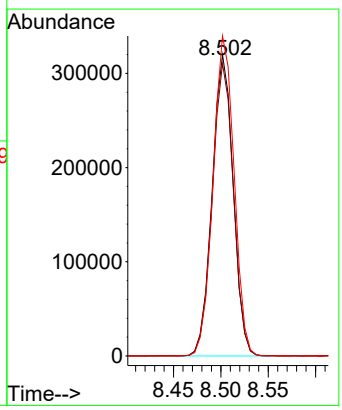


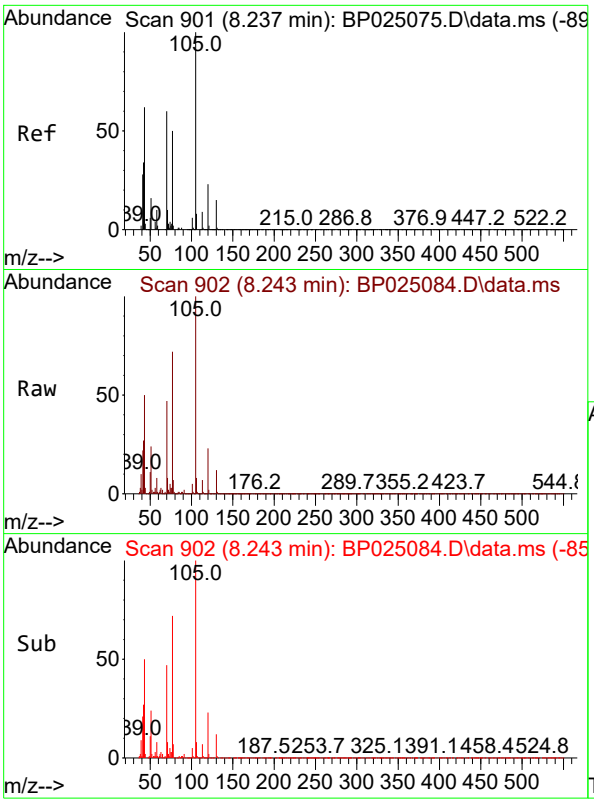


#18
Hexachloroethane
Concen: 50.453 ng
RT: 8.502 min Scan# 946
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:117 Resp: 494199

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	115.0
201	106.2	85.4	128.2



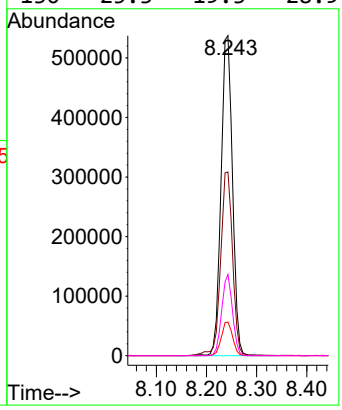


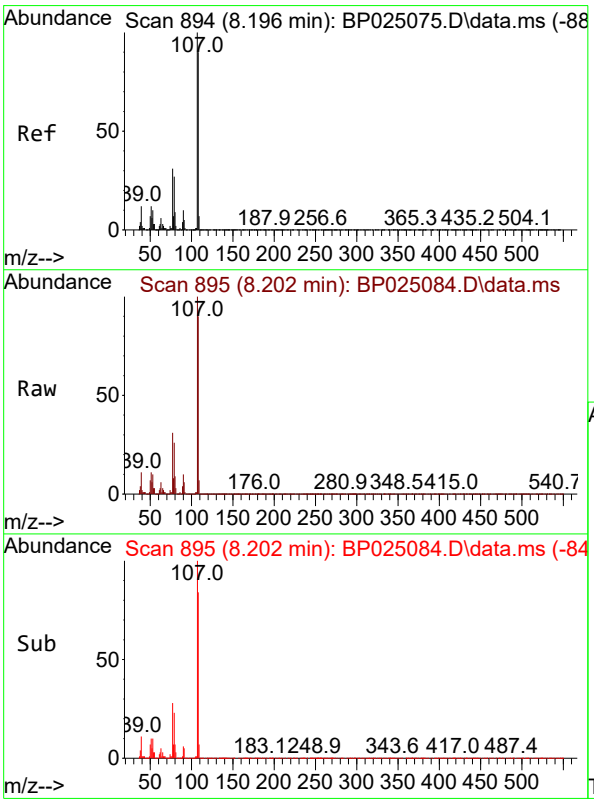
#19
n-Nitroso-di-n-propylamine
Concen: 46.513 ng
RT: 8.243 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 70 Resp: 853726

Ion	Ratio	Lower	Upper
70	100		
42	57.4	46.5	69.7
101	10.5	7.9	11.9
130	25.3	19.3	28.9

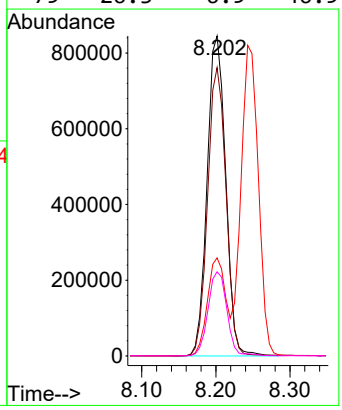


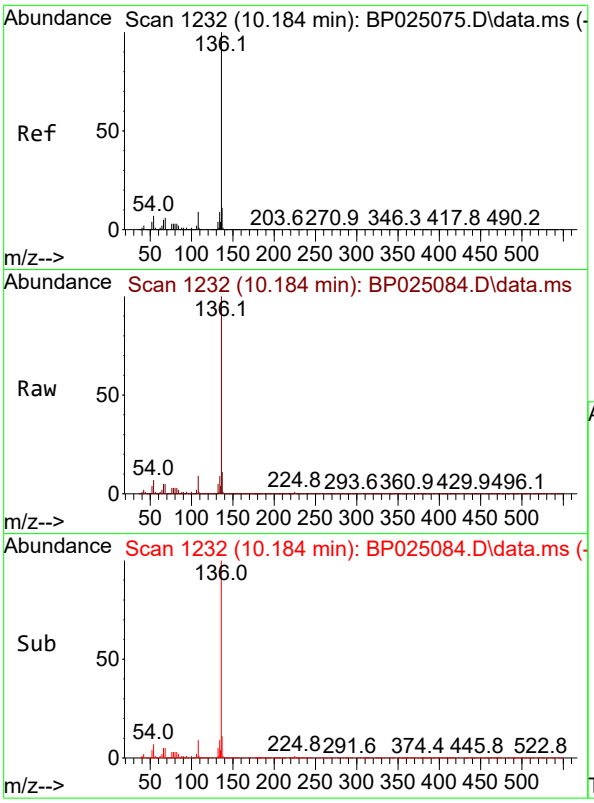


#20
3+4-Methylphenols
Concen: 51.717 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:107 Resp: 1467393

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.5	109.5
77	30.6	11.4	51.4
79	26.3	6.9	46.9



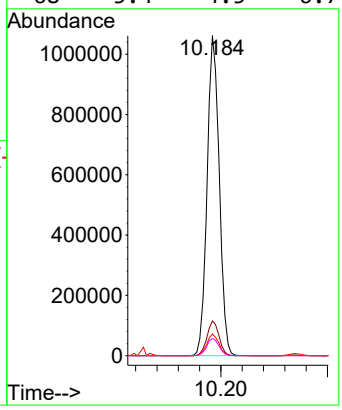


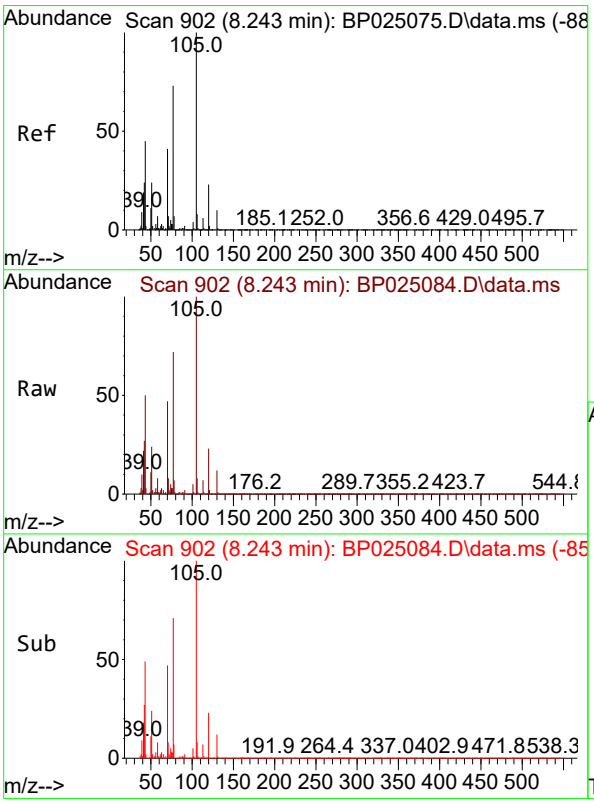
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:136 Resp: 1675734

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.8	5.4	8.2
68	5.4	4.5	6.7

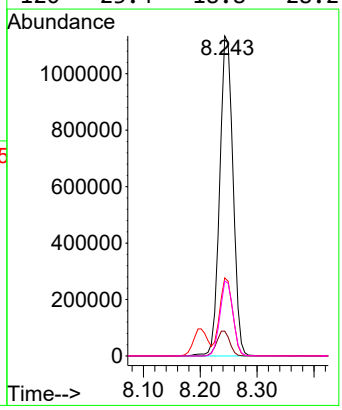


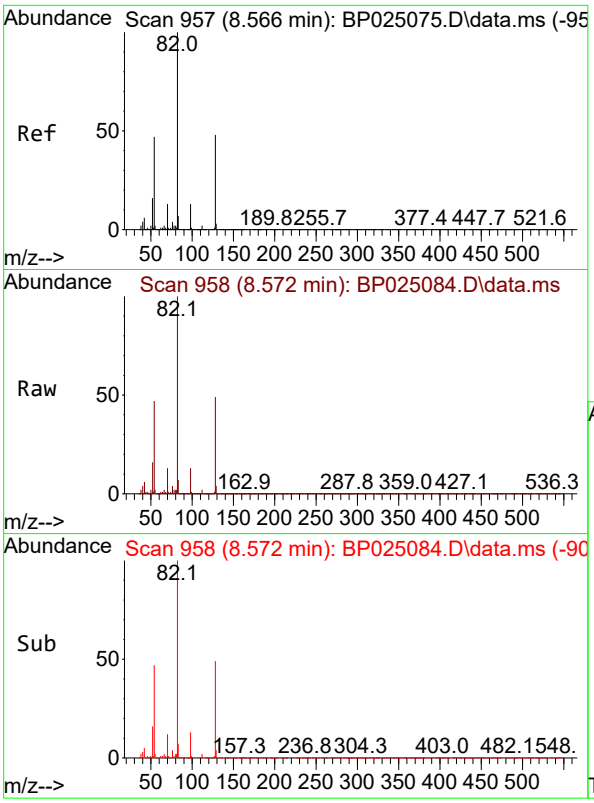


#22
Acetophenone
Concen: 46.788 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:105 Resp: 1854219

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.4	8.2
51	24.4	19.6	29.4
120	23.4	18.8	28.2



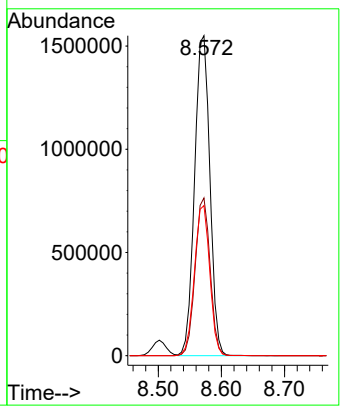


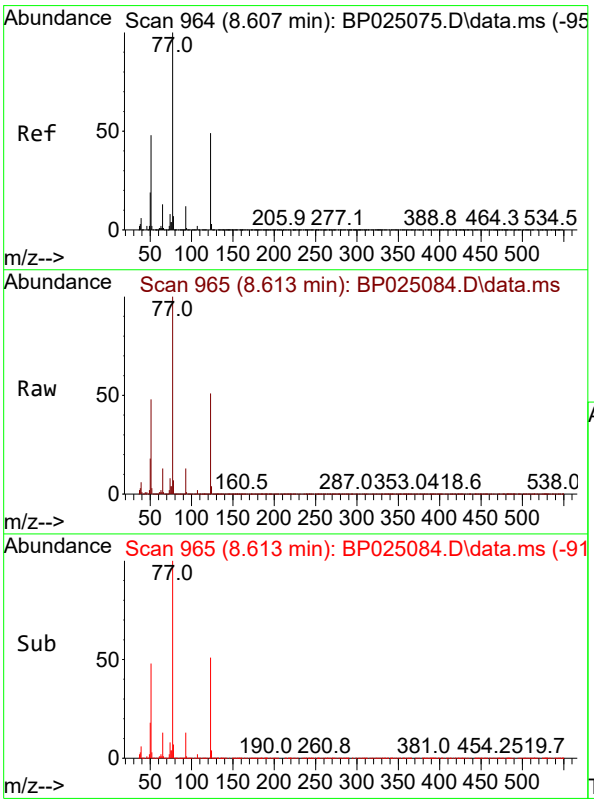
#23
Nitrobenzene-d5
Concen: 103.406 ng
RT: 8.572 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 82 Resp: 2605524

Ion	Ratio	Lower	Upper
82	100		
128	49.3	38.4	57.6
54	46.9	37.8	56.6

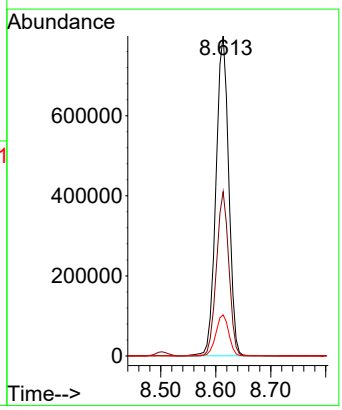


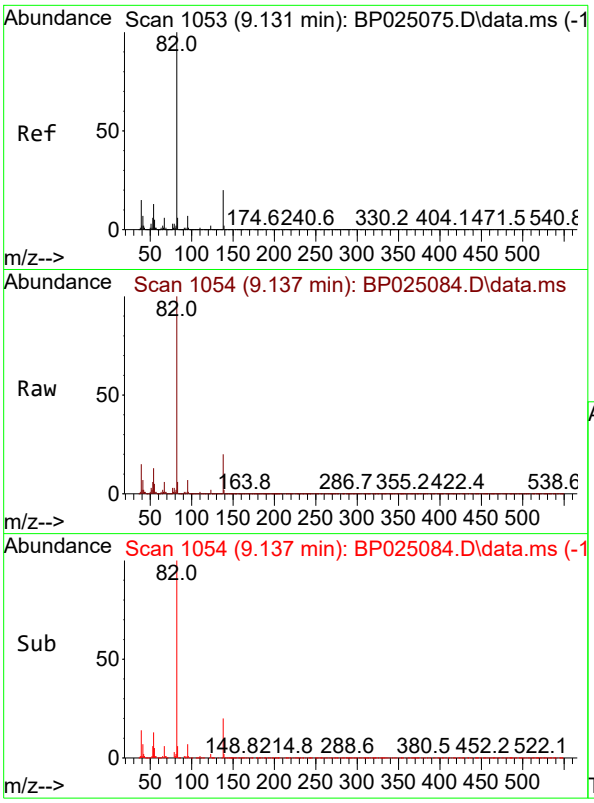


#24
Nitrobenzene
Concen: 50.128 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 77 Resp: 1286544

Ion	Ratio	Lower	Upper
77	100		
123	51.3	39.0	58.6
65	12.9	10.7	16.1



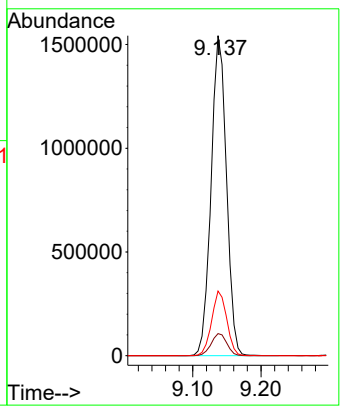


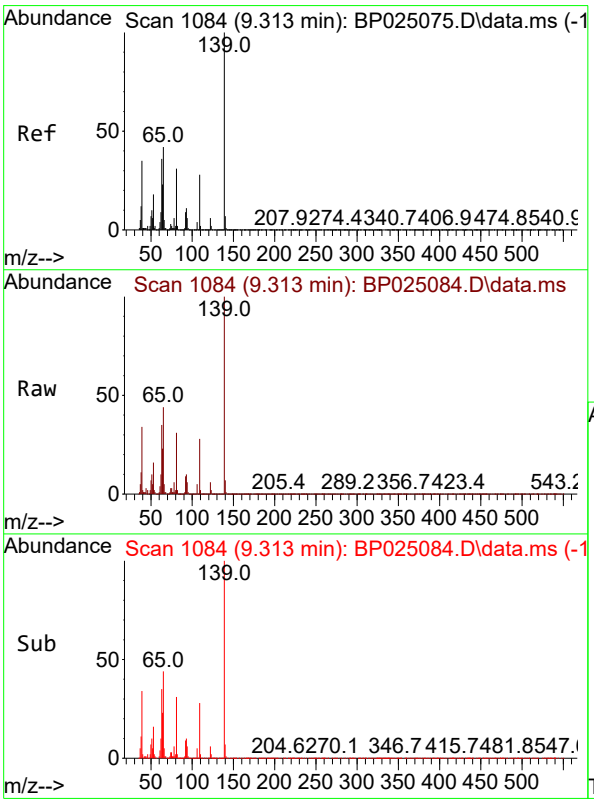
#25
Isophorone
Concen: 51.426 ng
RT: 9.137 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 82 Resp: 2421562

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	20.2	15.7	23.5

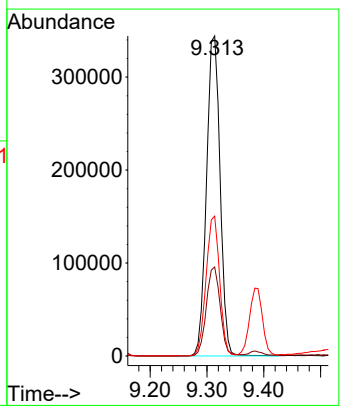


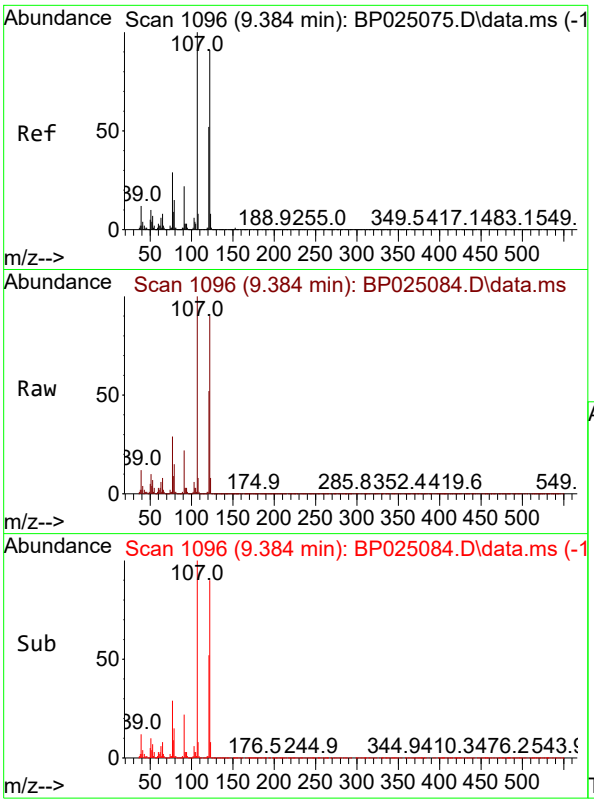


#26
2-Nitrophenol
Concen: 45.890 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:139 Resp: 569593

Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.3	33.5
65	43.7	33.8	50.8



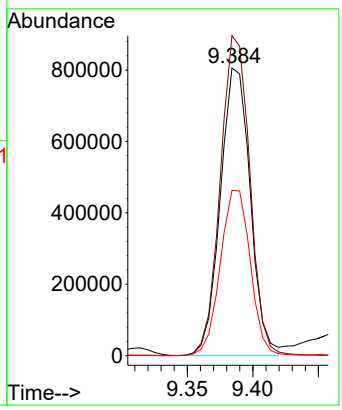


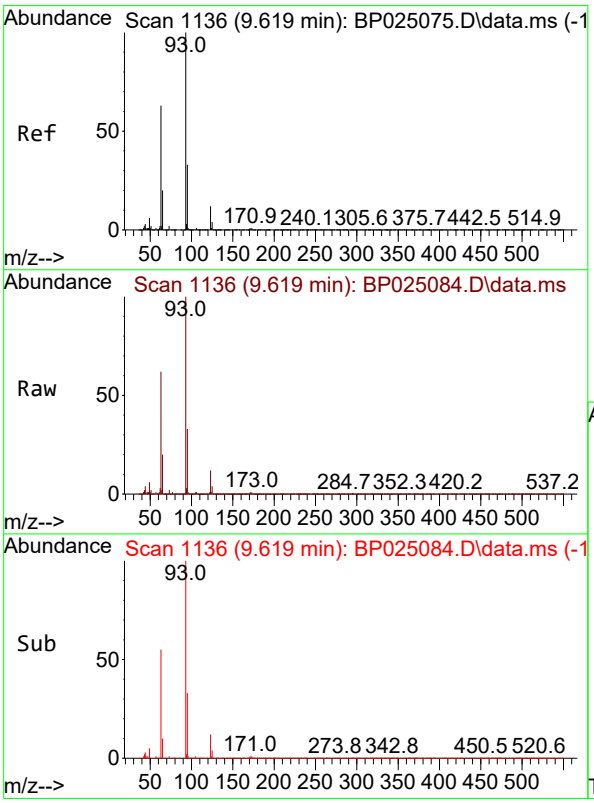
#27
2,4-Dimethylphenol
Concen: 72.857 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:122 Resp: 1279756

Ion	Ratio	Lower	Upper
122	100		
107	111.2	88.2	132.2
121	57.5	46.1	69.1

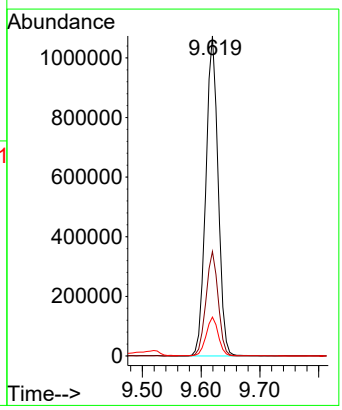


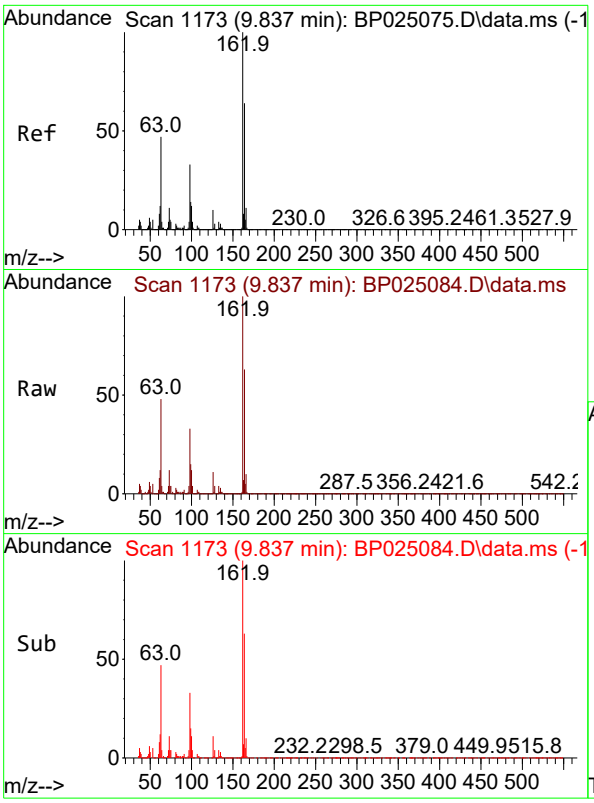


#28
bis(2-Chloroethoxy)methane
Concen: 48.588 ng
RT: 9.619 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 93 Resp: 1553510

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.1	10.1	15.1



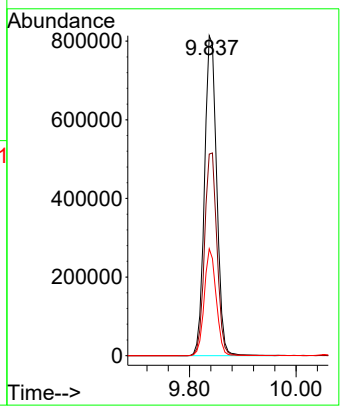


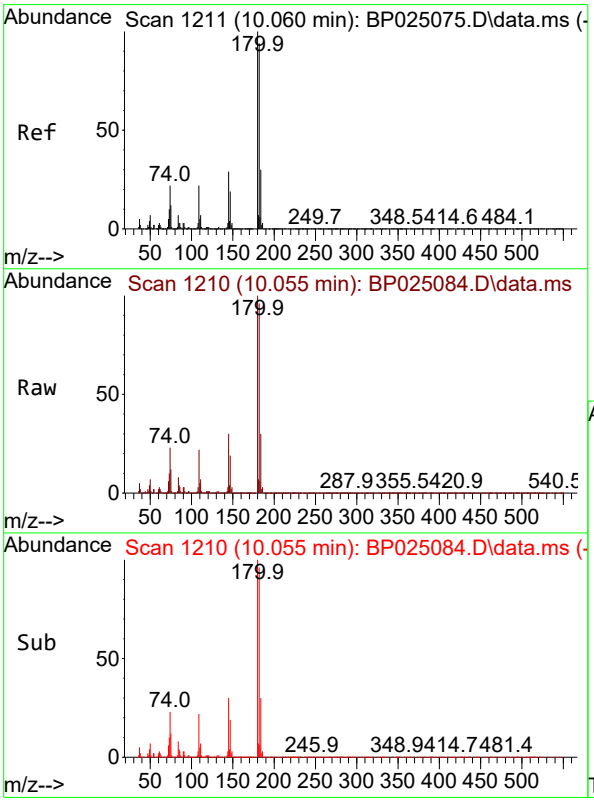
#29
2,4-Dichlorophenol
Concen: 52.957 ng
RT: 9.837 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:162 Resp: 1289854

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.1	84.1
98	33.4	13.1	53.1

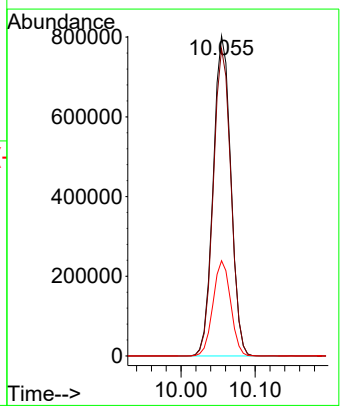


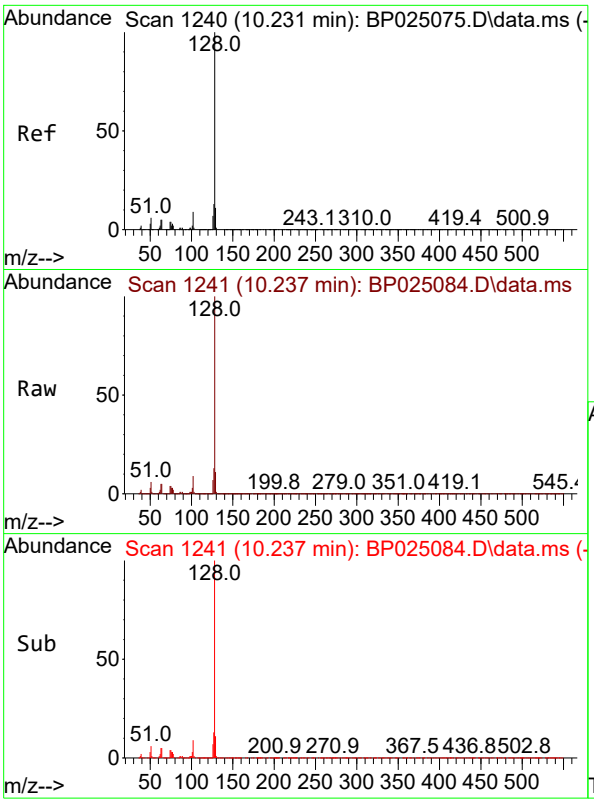


#30
1,2,4-Trichlorobenzene
Concen: 49.248 ng
RT: 10.055 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:180 Resp: 1328347

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.1	112.7
145	29.8	23.3	34.9



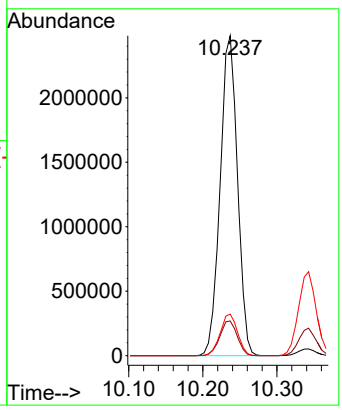


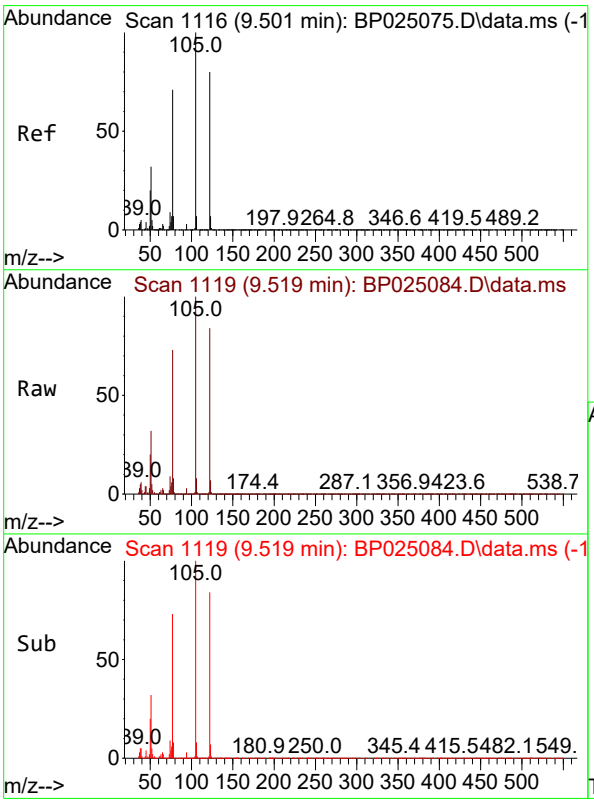
#31
Naphthalene
Concen: 46.656 ng
RT: 10.237 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:128 Resp: 4025792

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.4	15.6

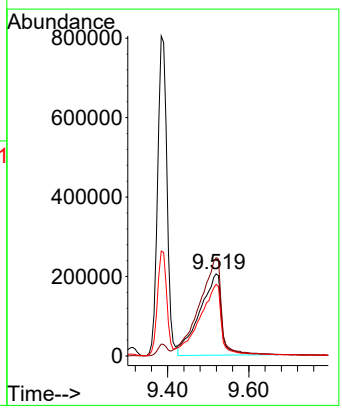


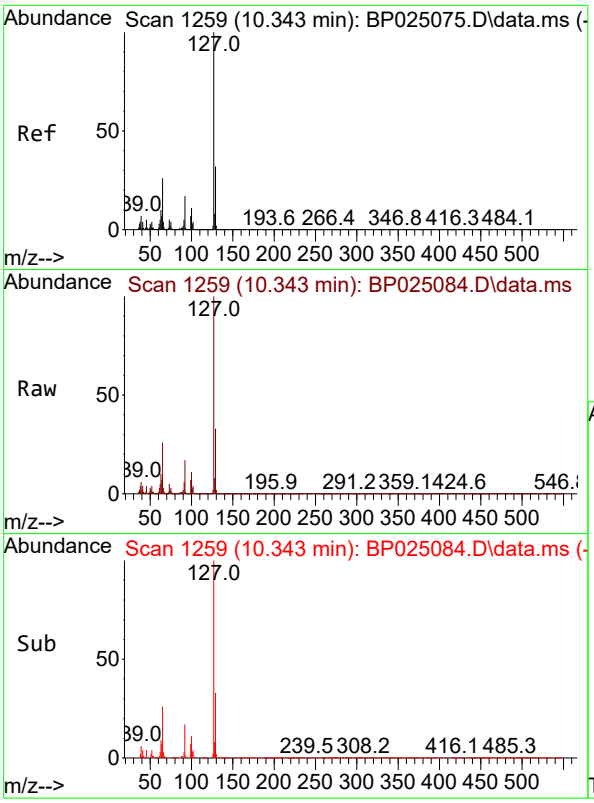


#32
Benzoic acid
Concen: 44.356 ng
RT: 9.519 min Scan# 1119
Delta R.T. 0.018 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:122 Resp: 768871

Ion	Ratio	Lower	Upper
122	100		
105	119.7	101.0	141.0
77	87.2	67.6	107.6



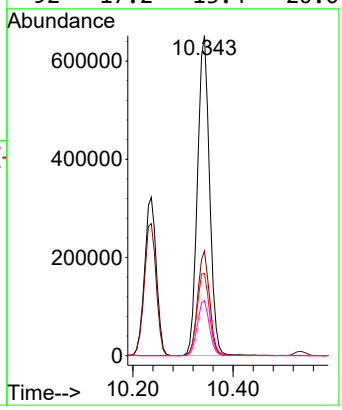


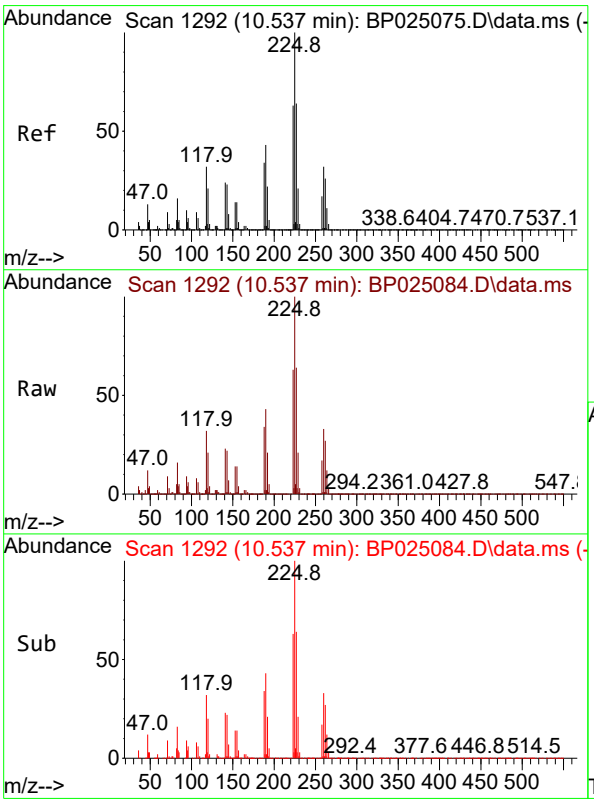
#33
4-Chloroaniline
Concen: 33.782 ng
RT: 10.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:127 Resp: 1087831

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	25.7	21.0	31.6
92	17.2	13.4	20.0

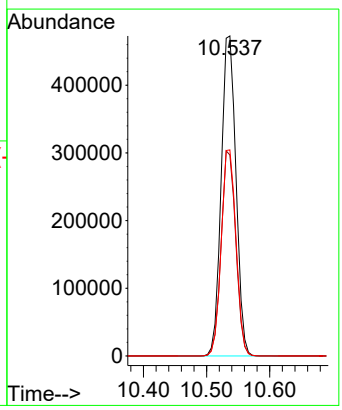


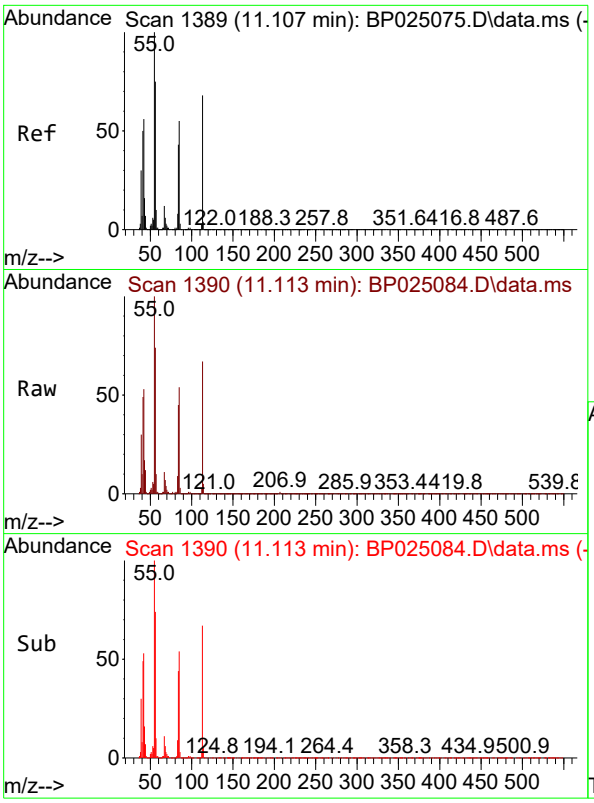


#34
Hexachlorobutadiene
Concen: 49.469 ng
RT: 10.537 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:225 Resp: 765704

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	64.4	51.3	76.9



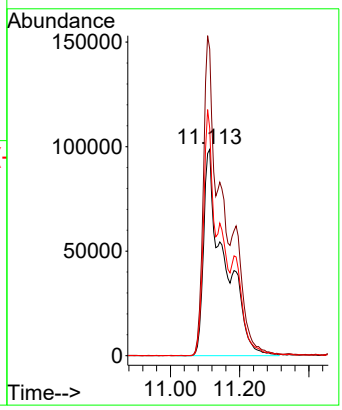


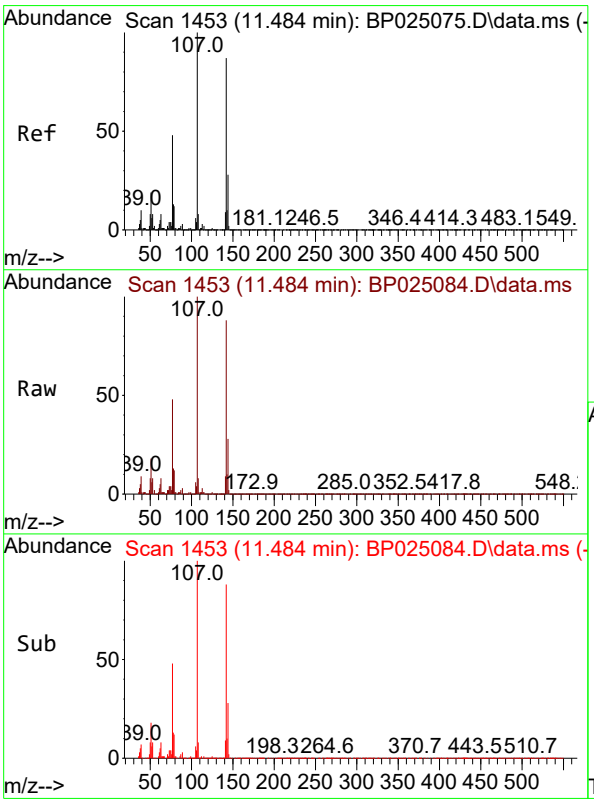
#35
Caprolactam
Concen: 49.396 ng m
RT: 11.113 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:113 Resp: 411589

Ion	Ratio	Lower	Upper
113	100		
55	148.6	128.1	168.1
56	110.2	90.7	130.7

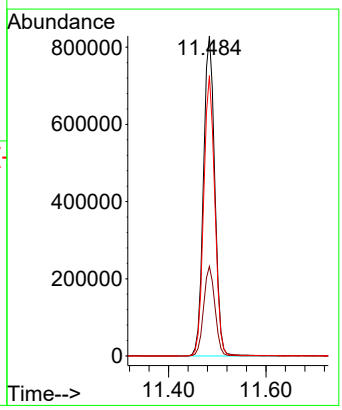


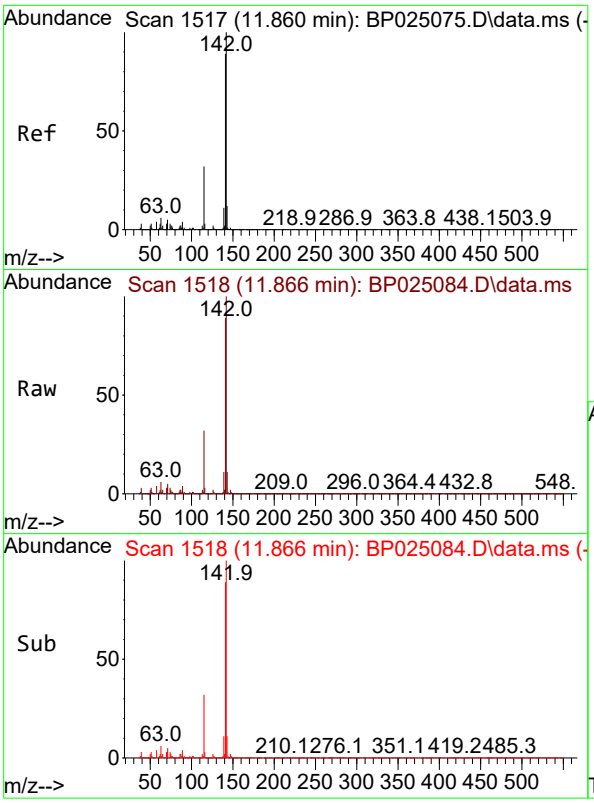


#36
4-Chloro-3-methylphenol
Concen: 52.353 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:107 Resp: 1332551

Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.4	33.6
142	87.6	69.6	104.4



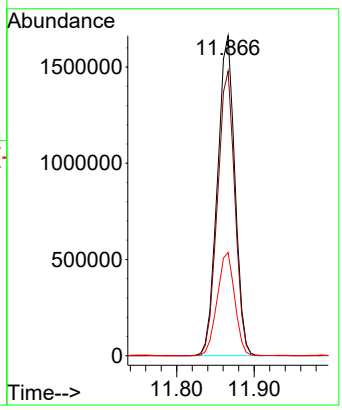


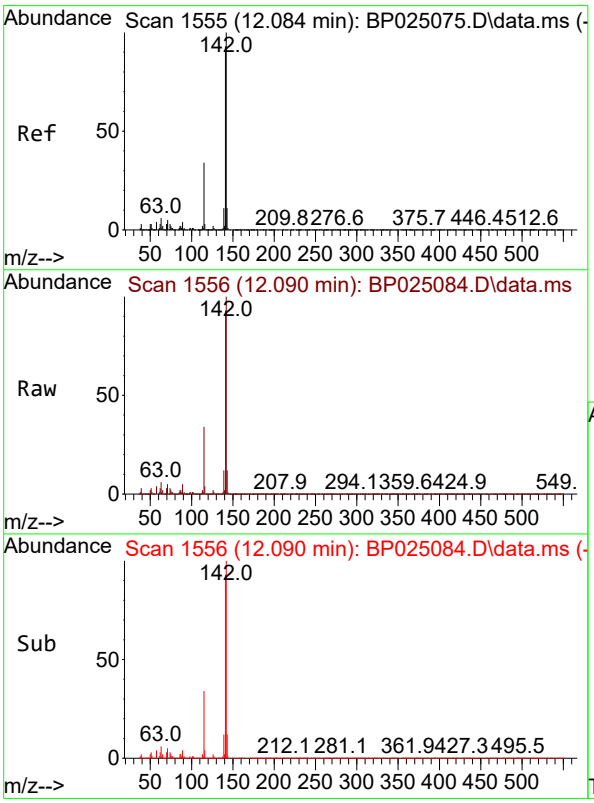
#37
2-Methylnaphthalene
Concen: 42.831 ng
RT: 11.866 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:142 Resp: 2607625

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	32.2	25.9	38.9

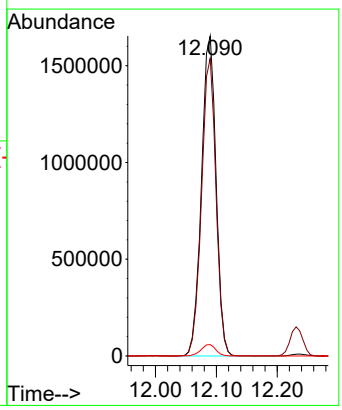


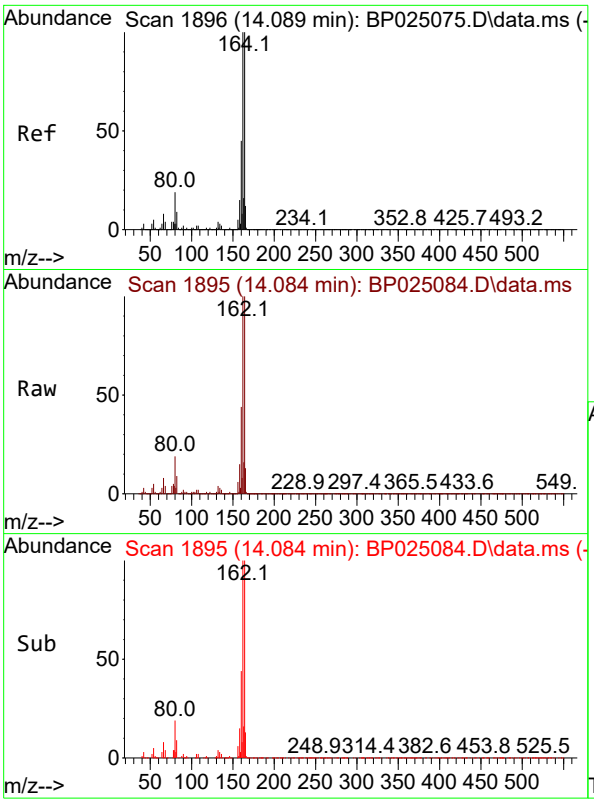


#38
1-Methylnaphthalene
Concen: 46.431 ng
RT: 12.090 min Scan# 1556
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:142 Resp: 2756932

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.1	111.1
116	3.6	2.7	4.1



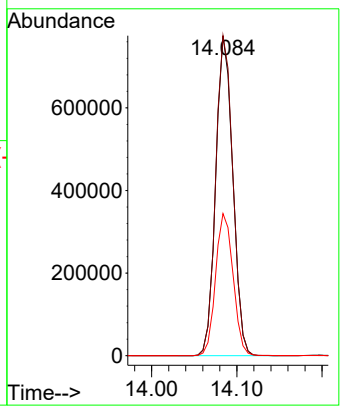


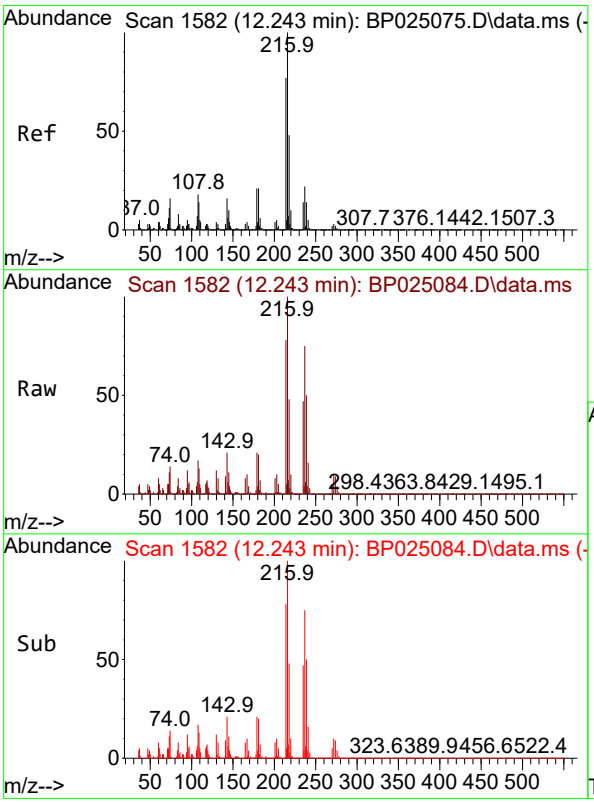
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:164 Resp: 1078667

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	44.4	35.9	53.9

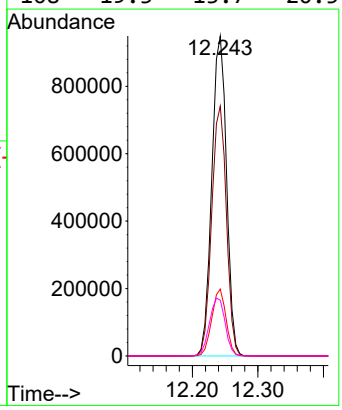


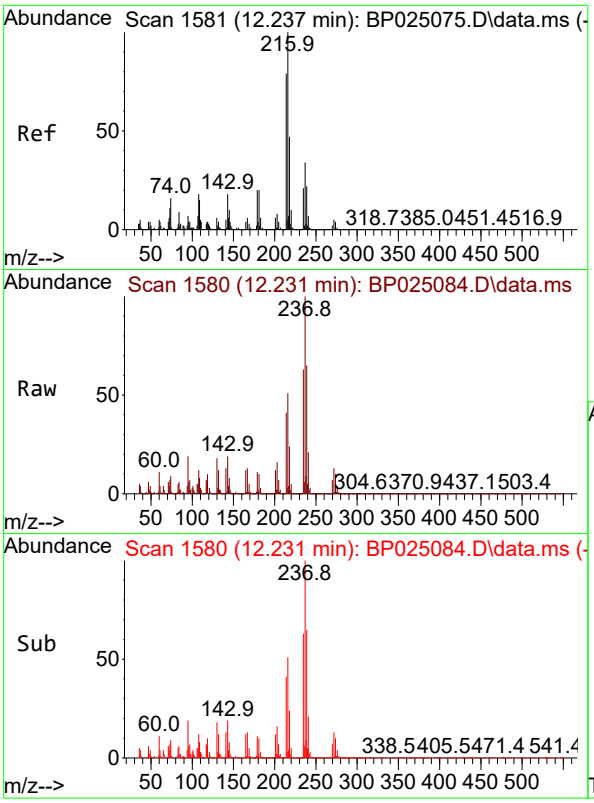


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.568 ng
RT: 12.243 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:216 Resp: 1474649

Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.3	16.5	24.7
108	19.3	13.7	20.5



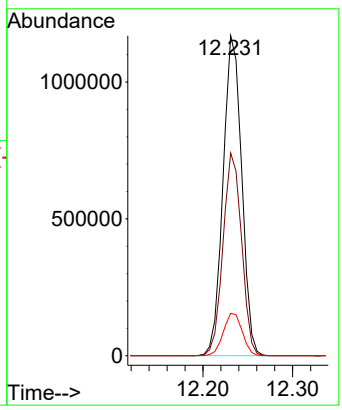


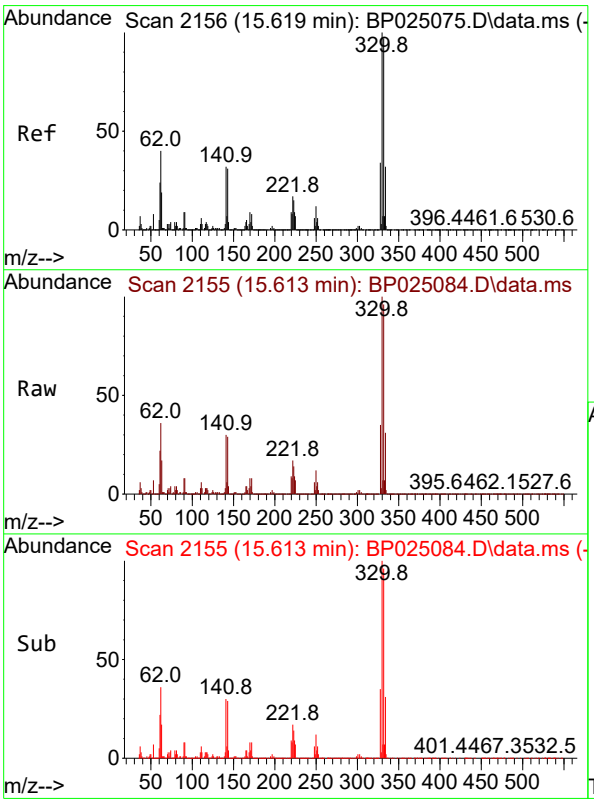
#41
Hexachlorocyclopentadiene
Concen: 208.137 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:237 Resp: 1685391

Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.6	81.6
272	13.3	0.0	33.6

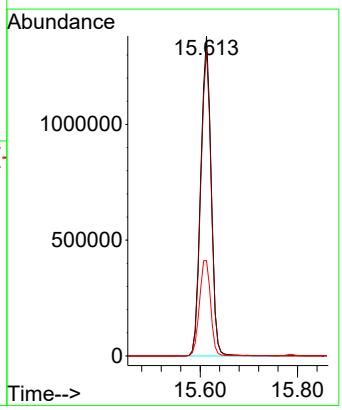


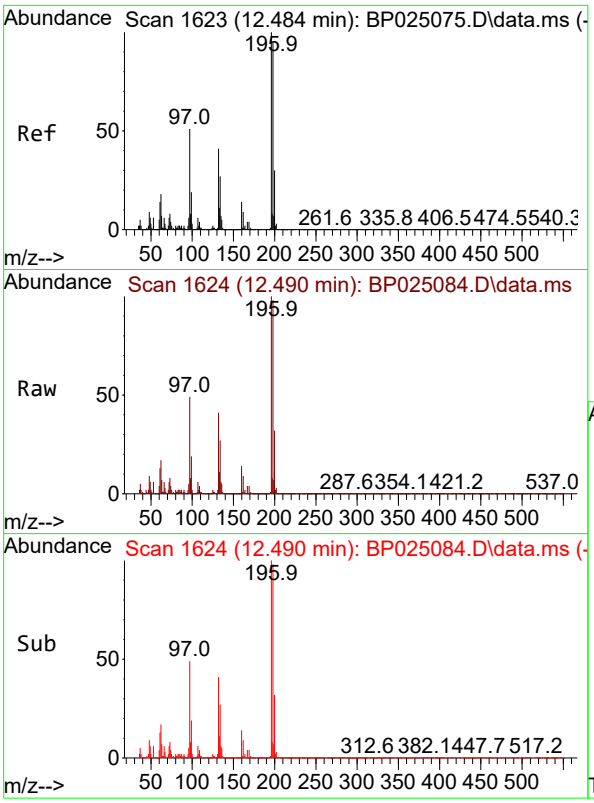


#42
2,4,6-Tribromophenol
Concen: 160.723 ng
RT: 15.613 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:330 Resp: 2048035

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.7	116.5
141	31.9	26.0	39.0



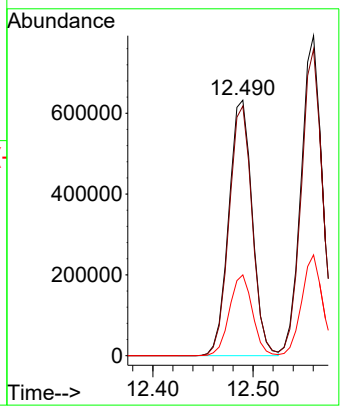


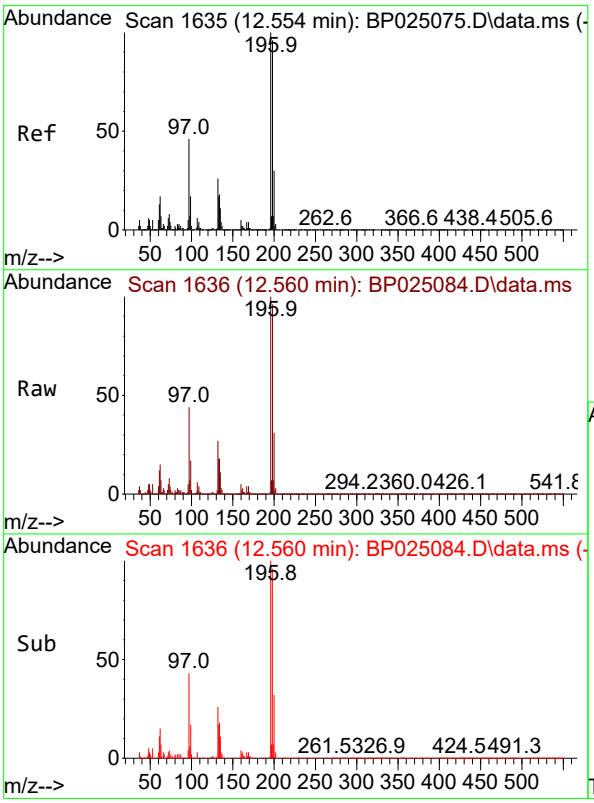
#43
2,4,6-Trichlorophenol
Concen: 54.966 ng
RT: 12.490 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:196 Resp: 1031791

Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.2	114.2
200	31.6	24.3	36.5

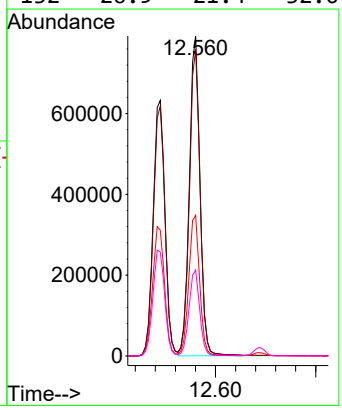


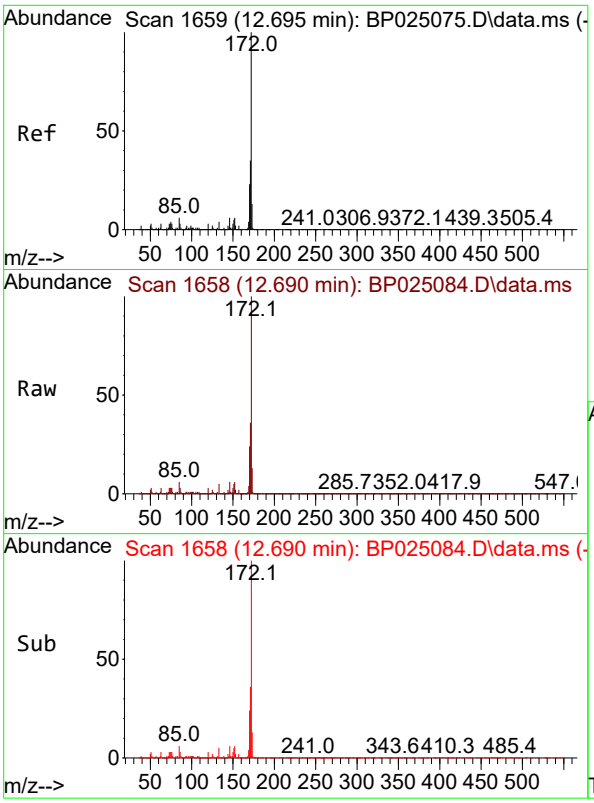


#44
2,4,5-Trichlorophenol
Concen: 55.153 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:196 Resp: 1173309

Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	115.0
97	43.9	36.6	55.0
132	26.9	21.4	32.0



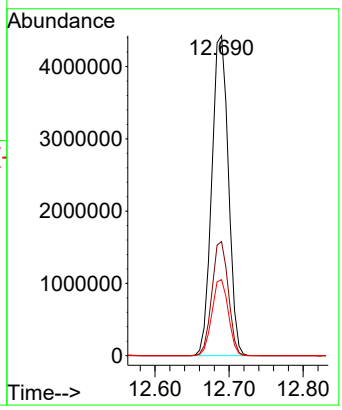


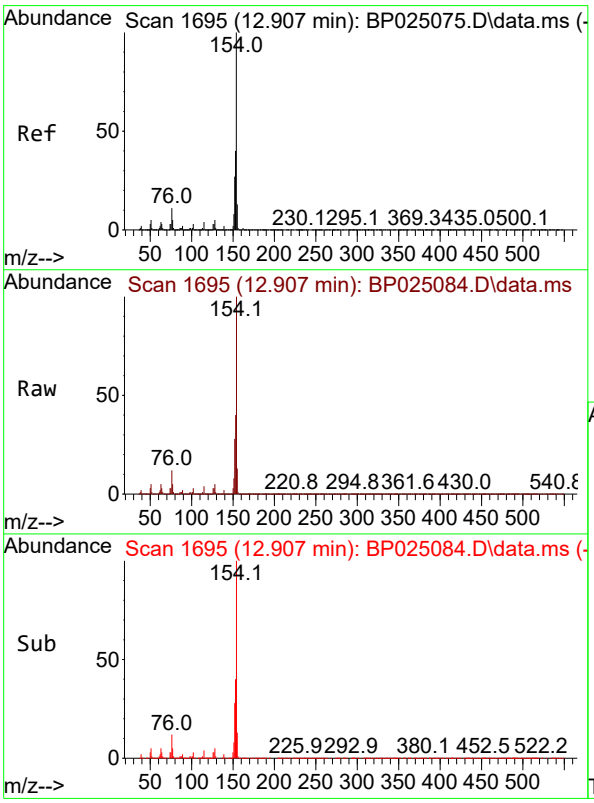
#45
2-Fluorobiphenyl
Concen: 98.831 ng
RT: 12.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:172 Resp: 6881510

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.7	18.7	28.1

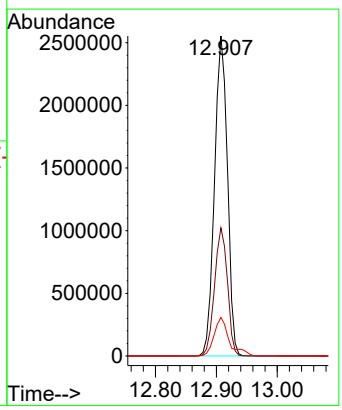


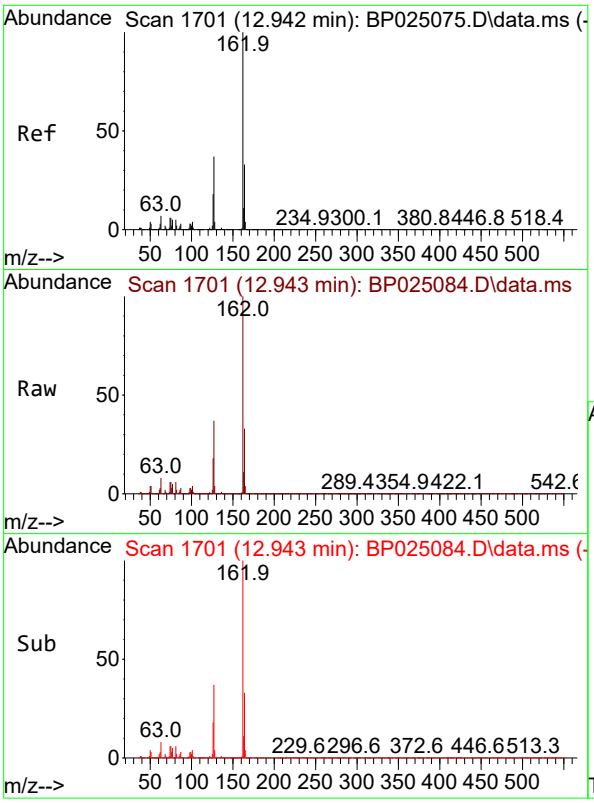


#46
1,1'-Biphenyl
Concen: 47.698 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:154 Resp: 3743427

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	12.1	0.0	31.5



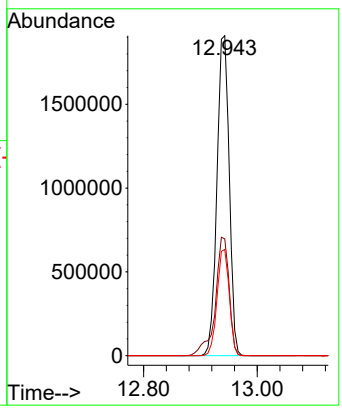


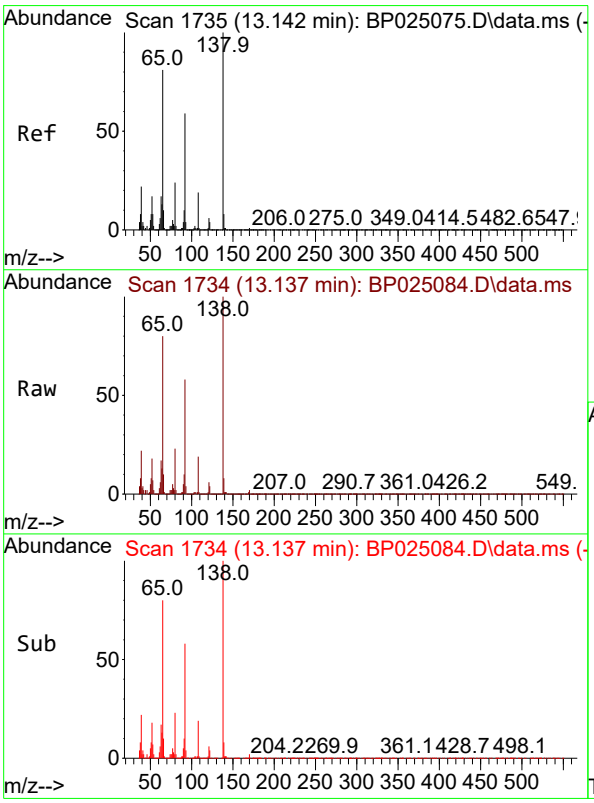
#47
2-Chloronaphthalene
Concen: 48.510 ng
RT: 12.943 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:162 Resp: 2861497

Ion	Ratio	Lower	Upper
162	100		
127	36.5	29.4	44.2
164	33.2	26.4	39.6

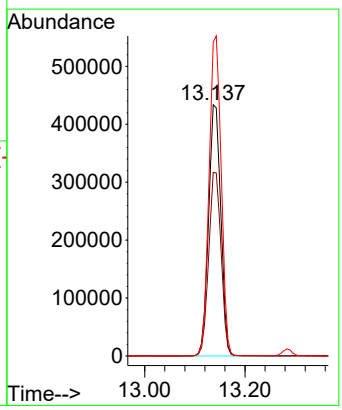


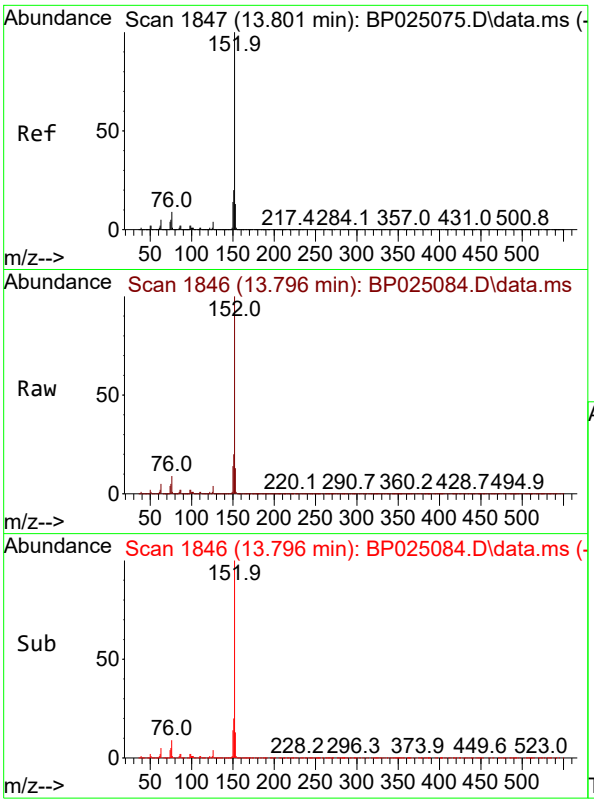


#48
2-Nitroaniline
Concen: 50.801 ng
RT: 13.137 min Scan# 1734
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion: 65 Resp: 736535

Ion	Ratio	Lower	Upper
65	100		
92	73.1	58.7	88.1
138	125.0	99.0	148.4



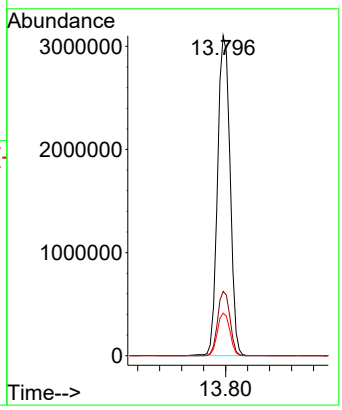


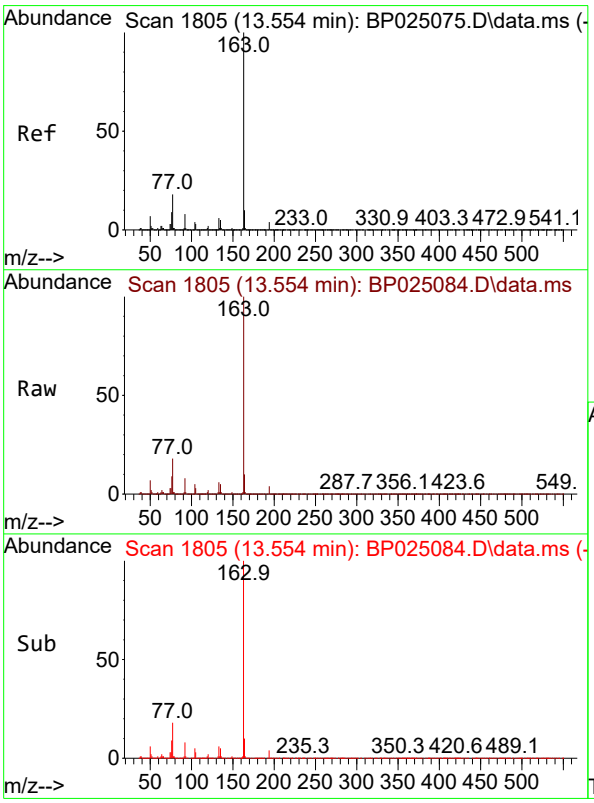
#49
Acenaphthylene
Concen: 54.185 ng
RT: 13.796 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:152 Resp: 4892015

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.3	10.7	16.1

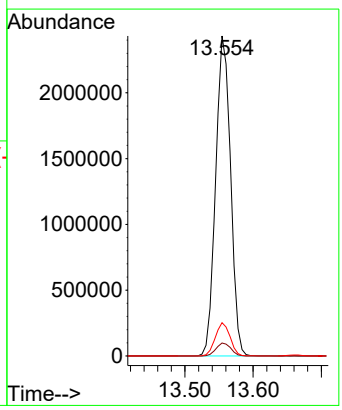


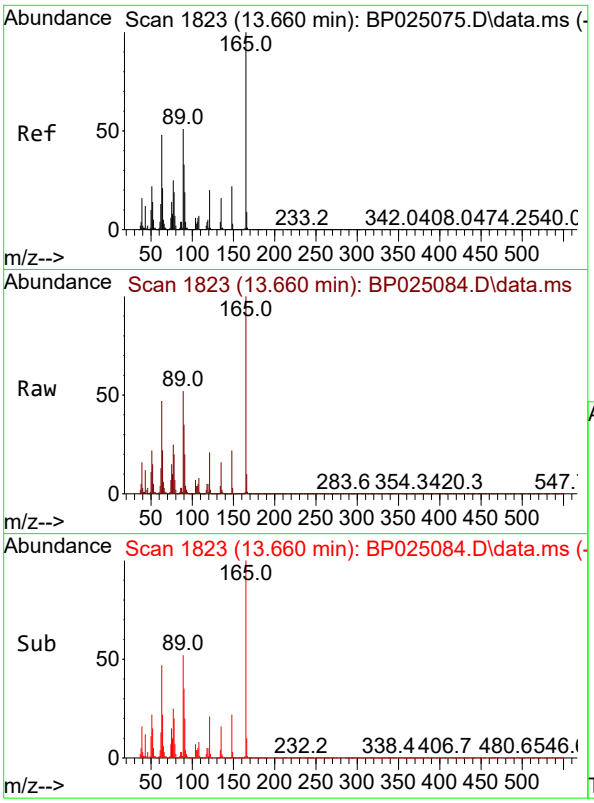


#50
Dimethylphthalate
Concen: 49.076 ng
RT: 13.554 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:163 Resp: 3705549

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	8.0	12.0



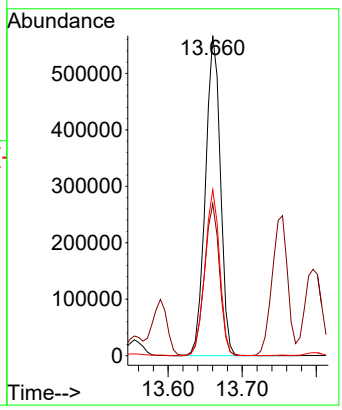


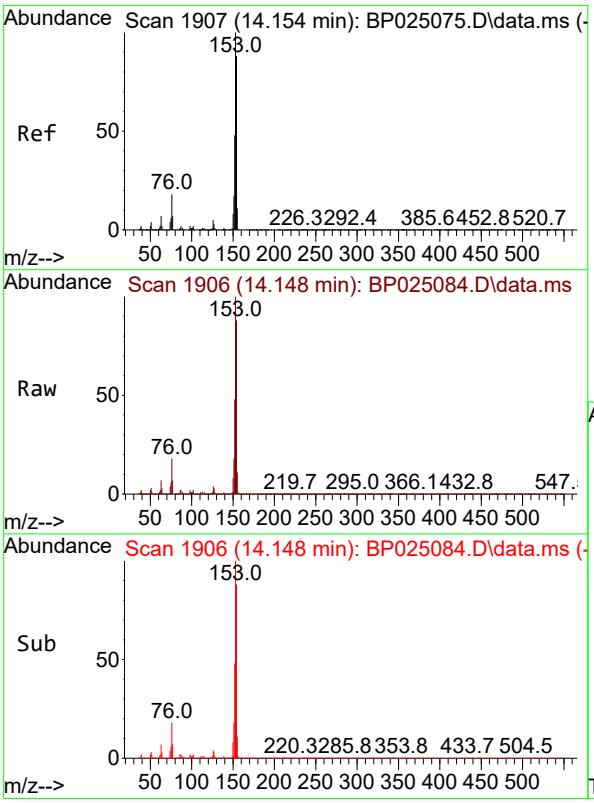
#51
2,6-Dinitrotoluene
Concen: 53.800 ng
RT: 13.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:165 Resp: 792263

Ion	Ratio	Lower	Upper
165	100		
63	47.5	38.5	57.7
89	51.8	40.6	61.0

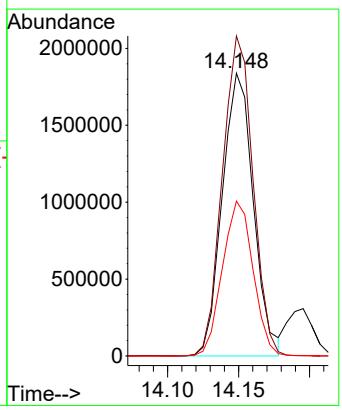


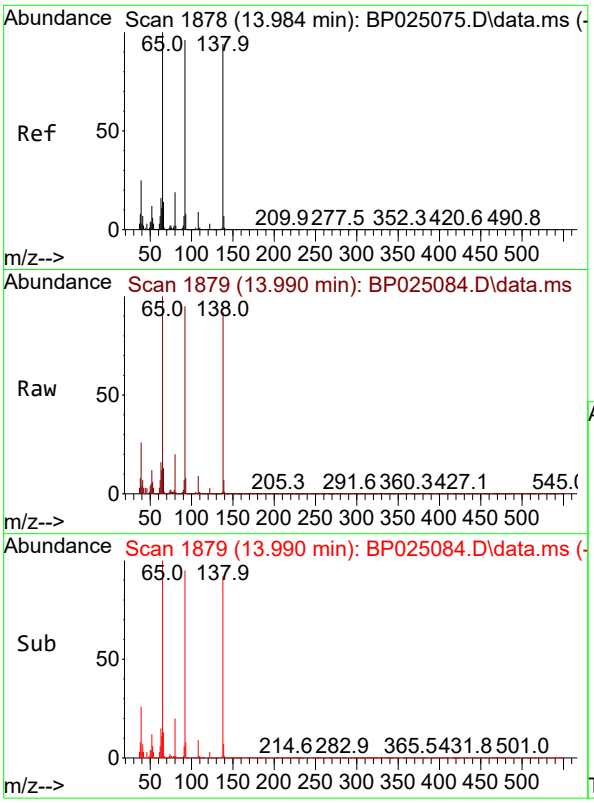


#52
Acenaphthene
Concen: 48.173 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:154 Resp: 2803184

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	136.0
152	54.8	43.8	65.8



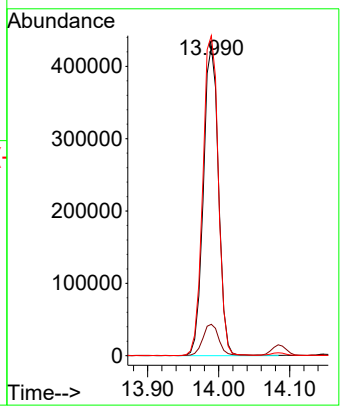


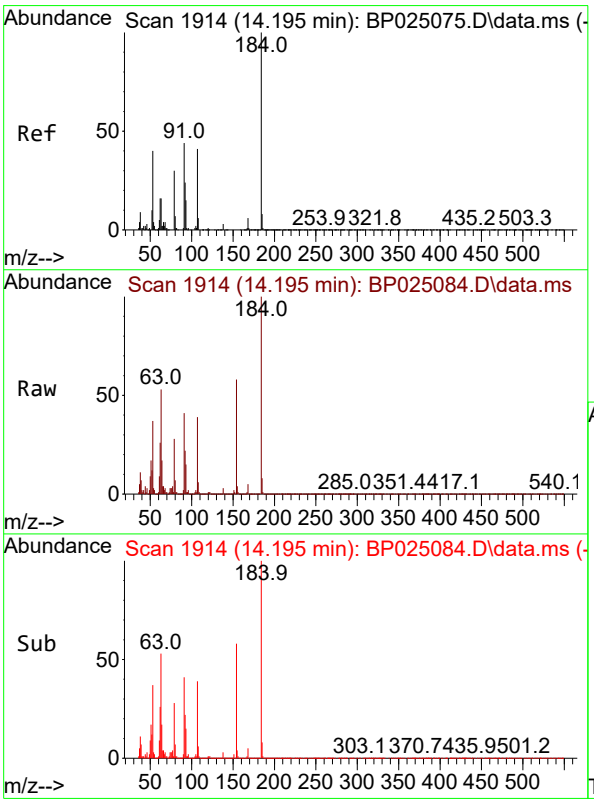
#53
3-Nitroaniline
Concen: 40.122 ng
RT: 13.990 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:138 Resp: 633192

Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	103.4	81.0	121.4

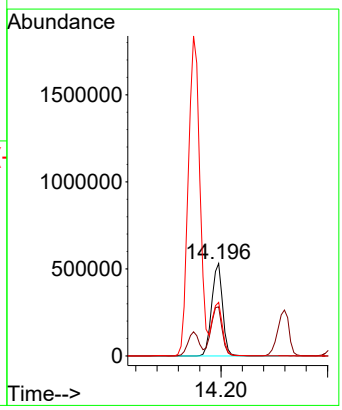


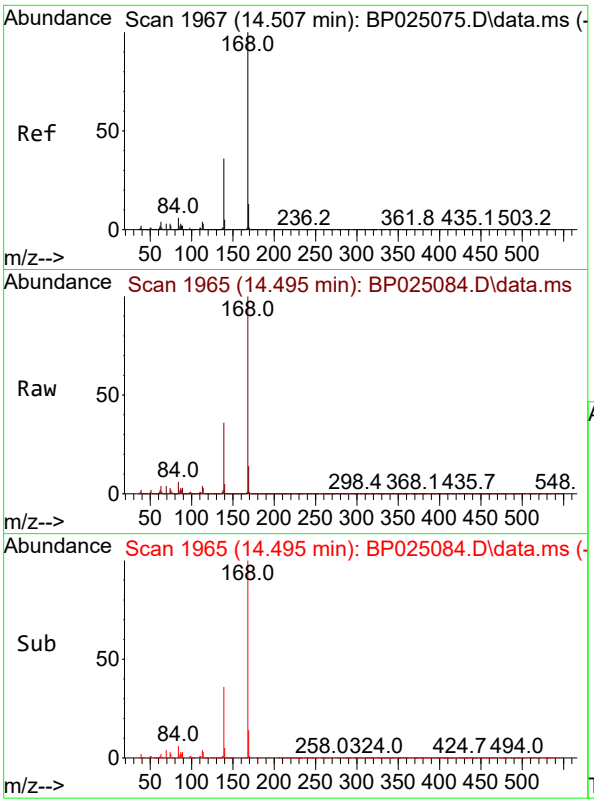


#54
2,4-Dinitrophenol
Concen: 102.794 ng
RT: 14.195 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:184 Resp: 751646

Ion	Ratio	Lower	Upper
184	100		
63	53.2	47.4	71.0
154	57.9	47.8	71.8



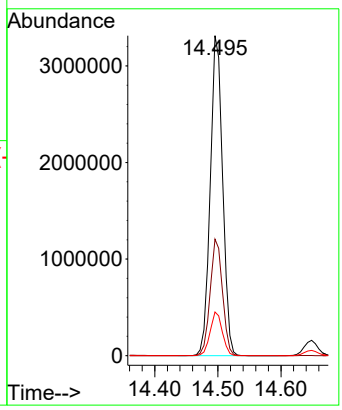


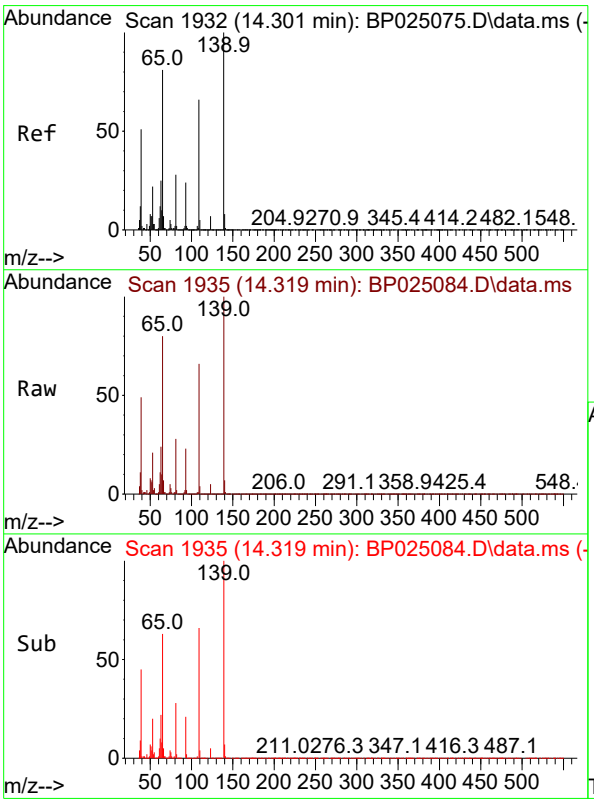
#55
Dibenzofuran
Concen: 46.874 ng
RT: 14.495 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:168 Resp: 4501415

Ion	Ratio	Lower	Upper
168	100		
139	36.4	28.6	43.0
169	13.6	10.7	16.1

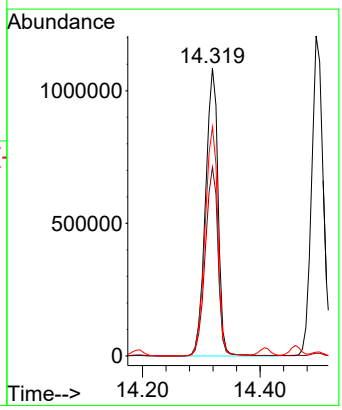


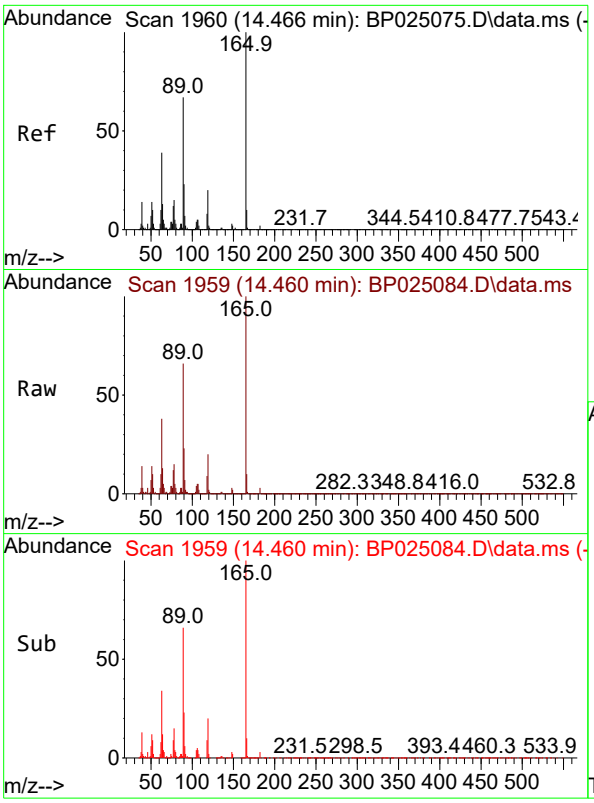


#56
4-Nitrophenol
Concen: 110.515 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.018 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:139 Resp: 1609549

Ion	Ratio	Lower	Upper
139	100		
109	65.6	45.9	85.9
65	79.6	61.4	101.4



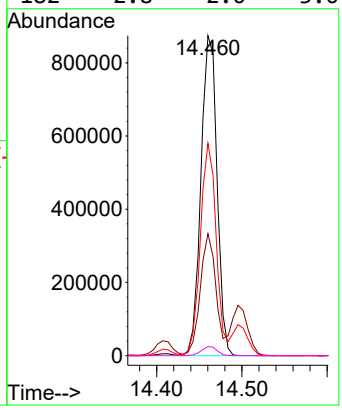


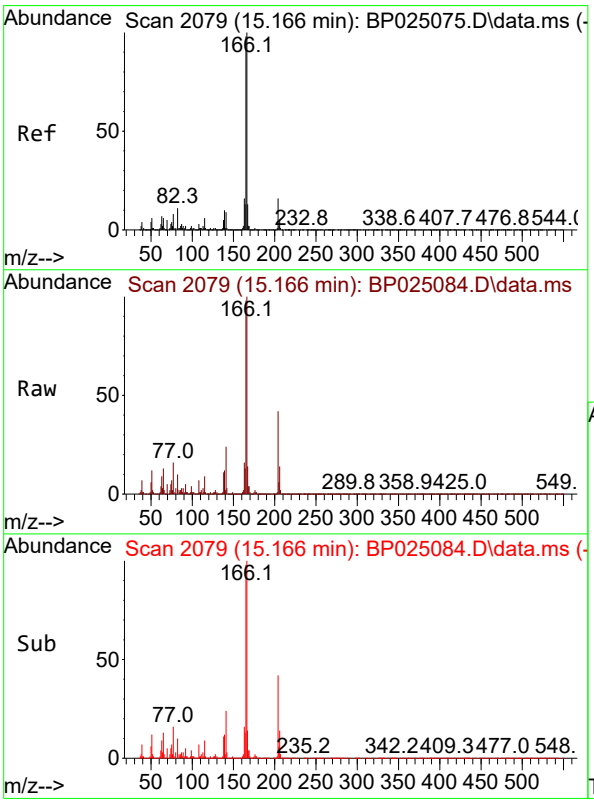
#57
2,4-Dinitrotoluene
Concen: 52.686 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:165 Resp: 1144571

Ion	Ratio	Lower	Upper
165	100		
63	38.1	31.0	46.4
89	66.4	53.4	80.0
182	2.8	2.0	3.0

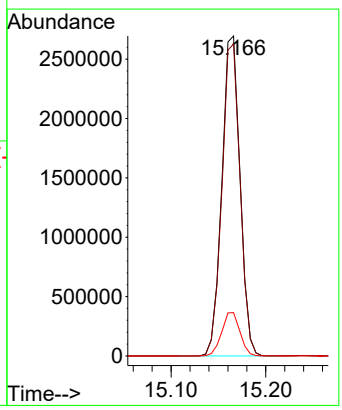


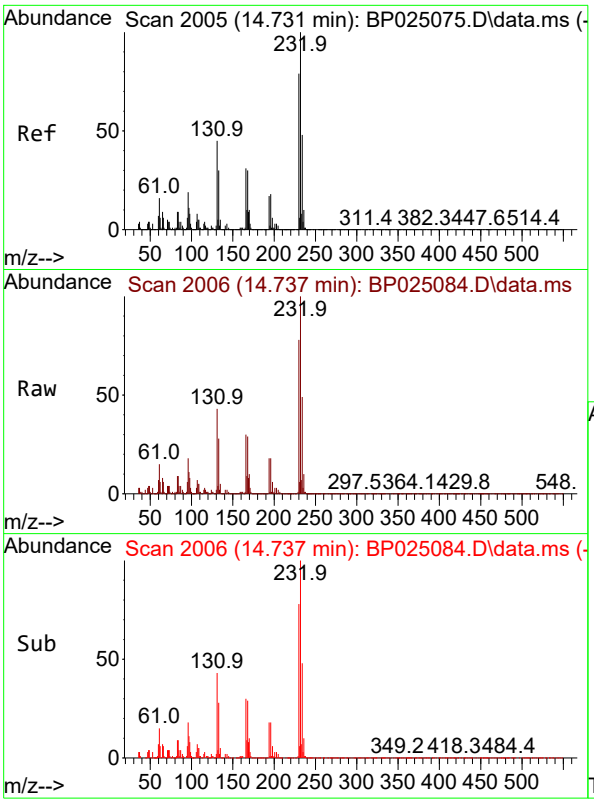


#58
Fluorene
Concen: 48.431 ng
RT: 15.166 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:166 Resp: 3597418

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.5	10.7	16.1



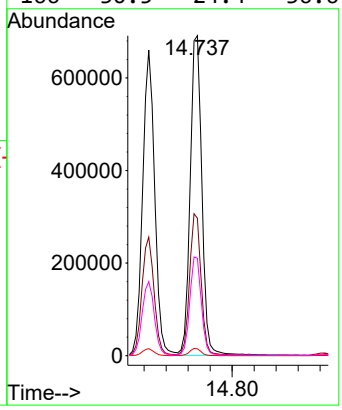


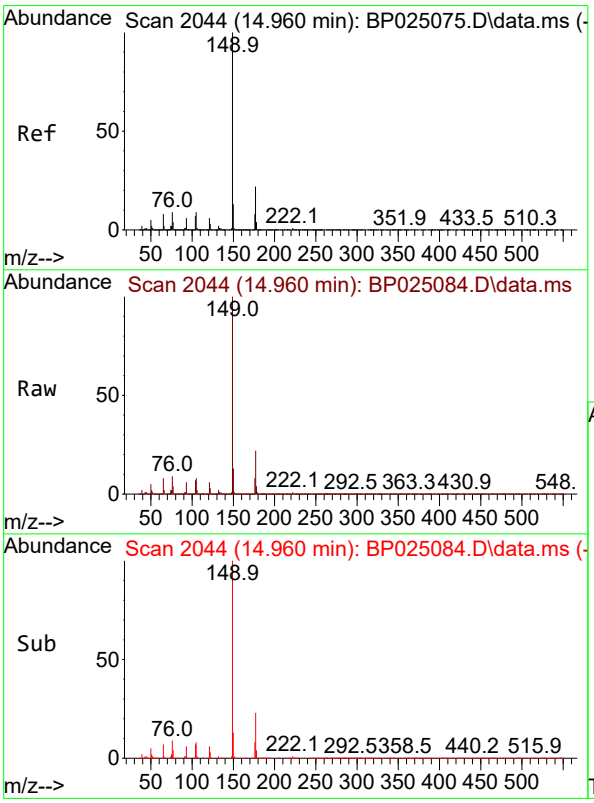
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.733 ng
RT: 14.737 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:232 Resp: 1015880

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.7	53.5
130	2.2	1.8	2.6
166	30.5	24.4	36.6

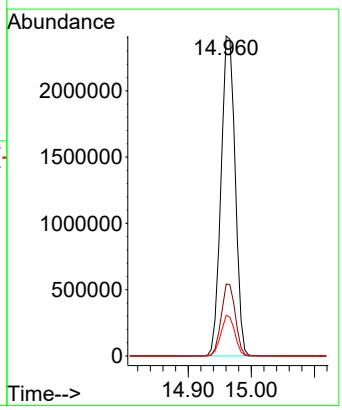


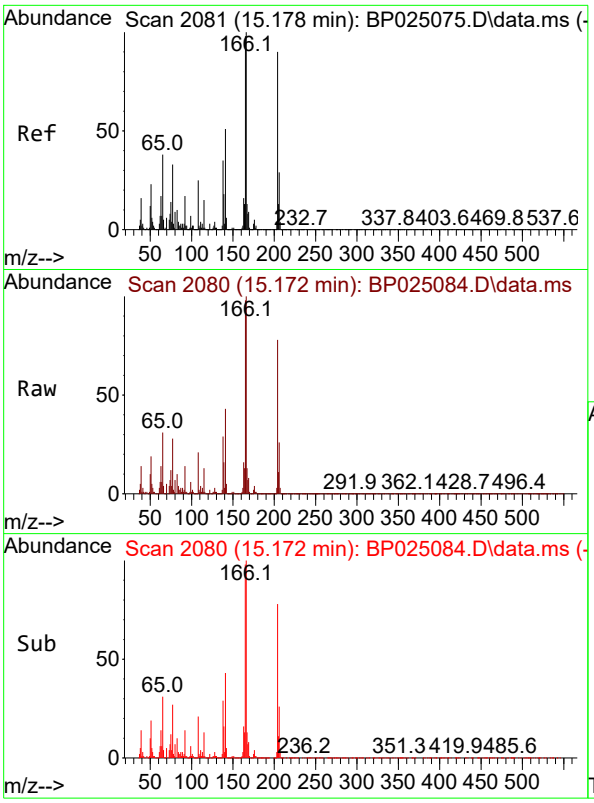


#60
Diethylphthalate
Concen: 49.514 ng
RT: 14.960 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 3755069

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.8	26.8
150	12.8	10.2	15.2



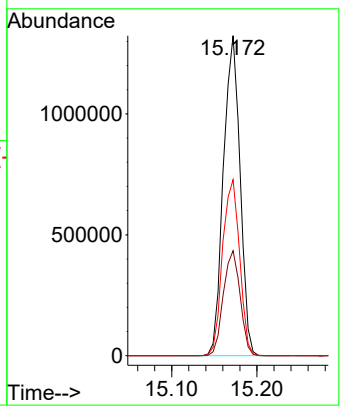


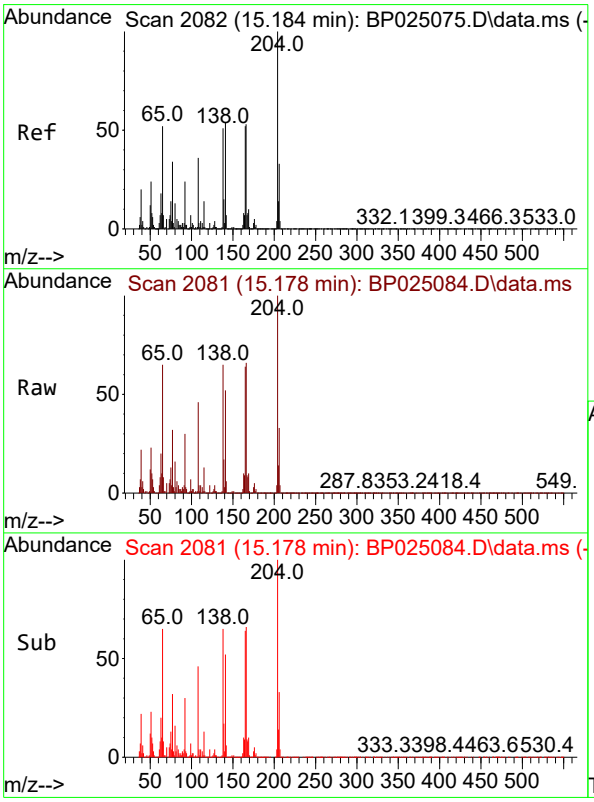
#61
4-Chlorophenyl-phenylether
Concen: 48.804 ng
RT: 15.172 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:204 Resp: 1794033

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.6
141	55.0	45.1	67.7

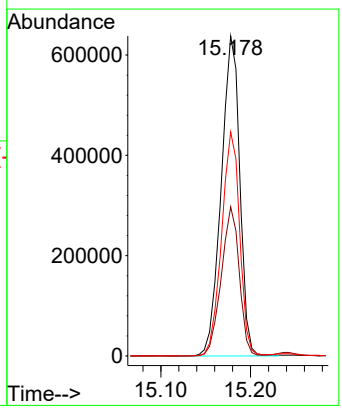


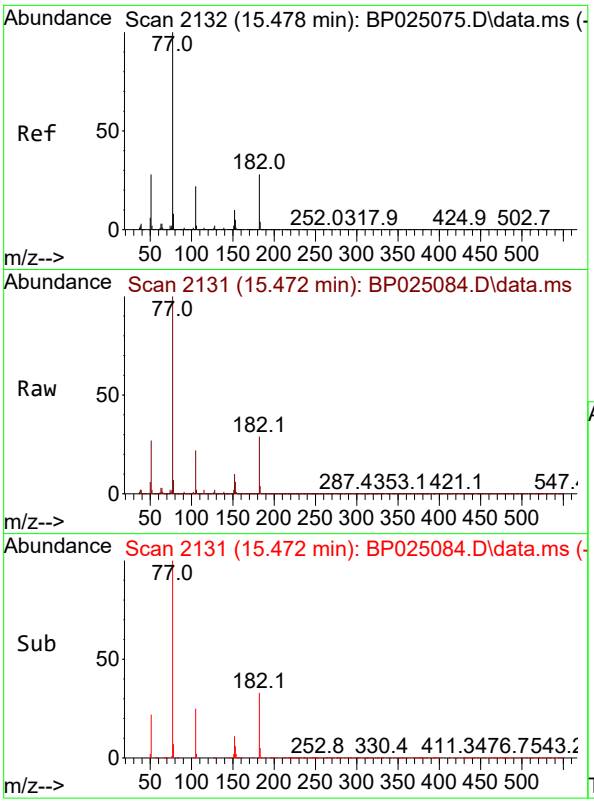


#62
4-Nitroaniline
Concen: 55.384 ng
RT: 15.178 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:138 Resp: 916515

Ion	Ratio	Lower	Upper
138	100		
92	46.6	26.0	66.0
108	70.0	50.0	90.0



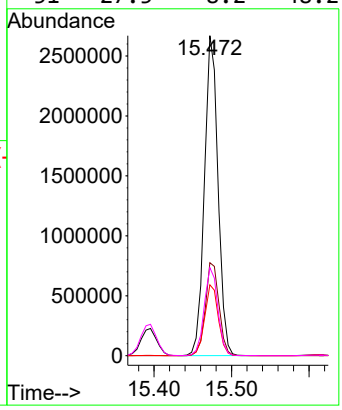


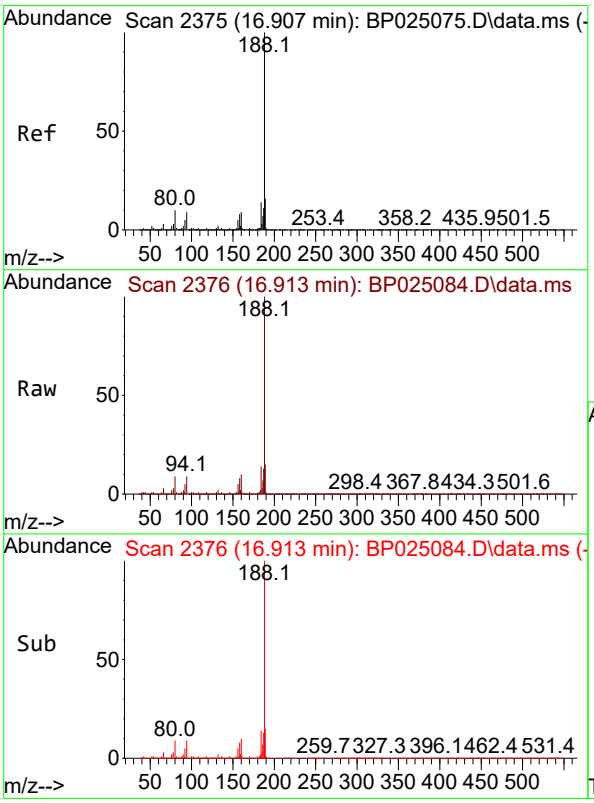
#63
Azobenzene
Concen: 48.004 ng
RT: 15.472 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion: 77 Resp: 3241778

Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	22.2	1.9	41.9
51	27.5	8.2	48.2

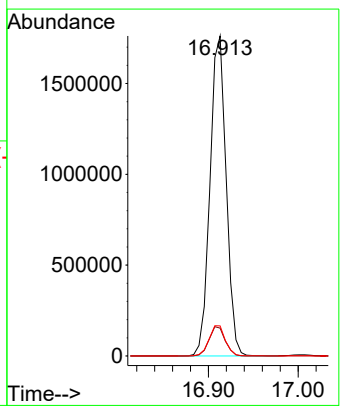


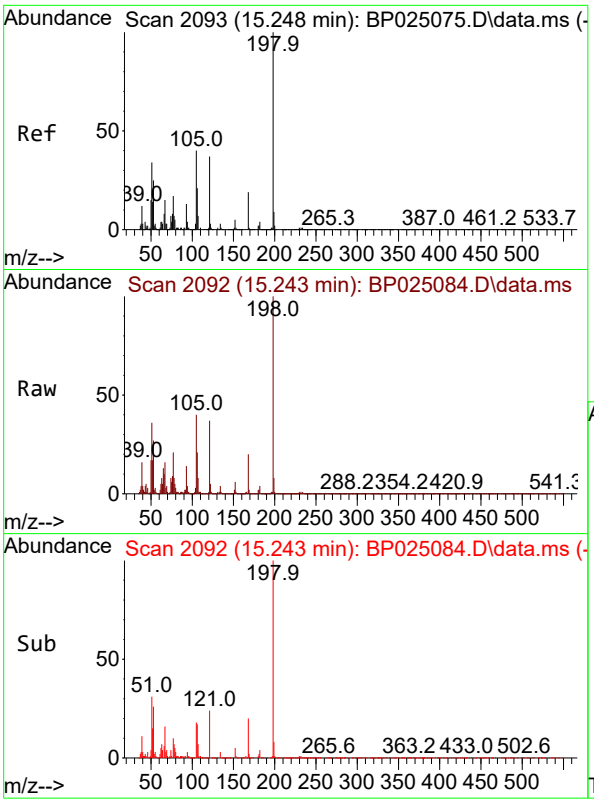


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2376
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:188 Resp: 2205227

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.3	10.9
80	9.4	7.8	11.6



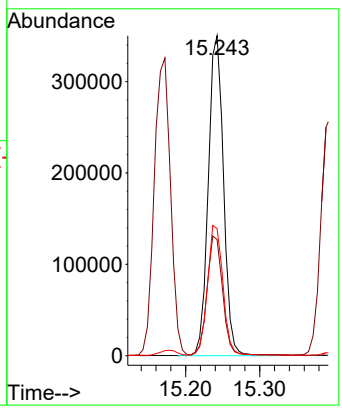


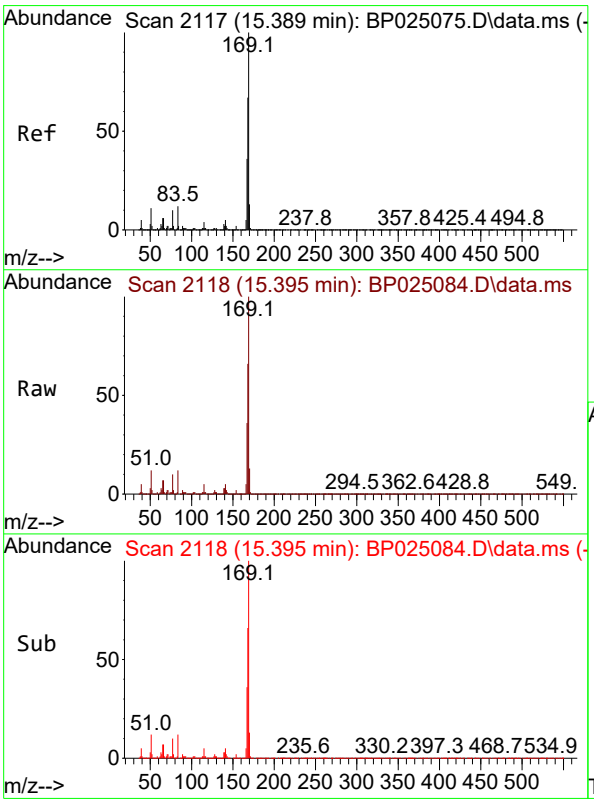
#65
4,6-Dinitro-2-methylphenol
Concen: 49.519 ng
RT: 15.243 min Scan# 2
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:198 Resp: 498938

Ion	Ratio	Lower	Upper
198	100		
51	36.3	16.8	56.8
105	39.8	20.8	60.8

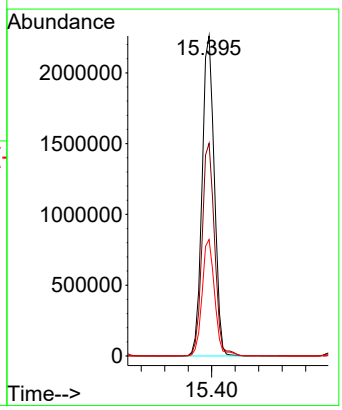


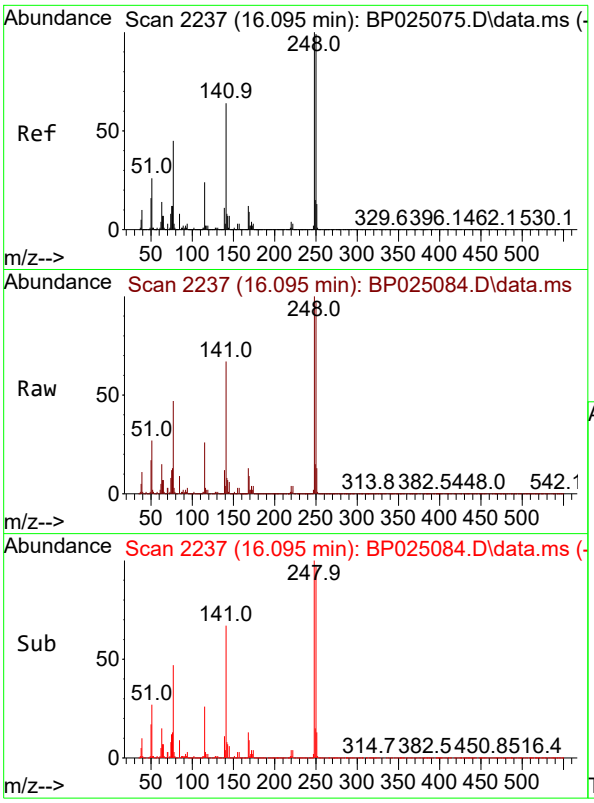


#66
n-Nitrosodiphenylamine
Concen: 51.563 ng
RT: 15.395 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:169 Resp: 3254196

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	36.4	29.0	43.6



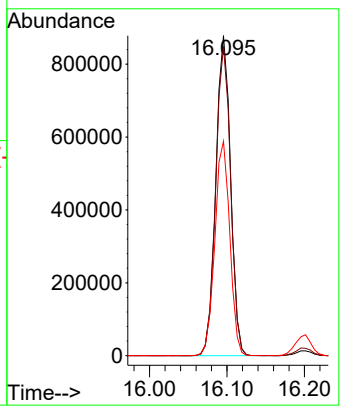


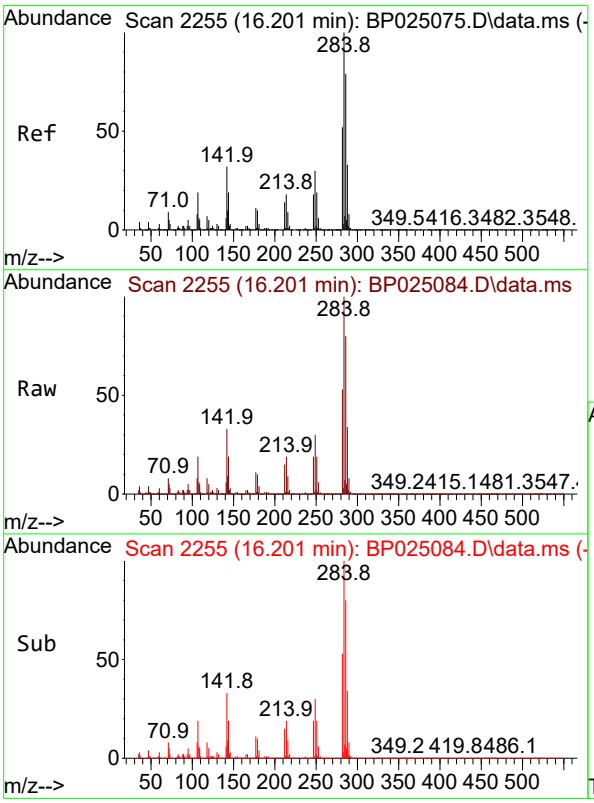
#67
4-Bromophenyl-phenylether
Concen: 51.488 ng
RT: 16.095 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:248 Resp: 1162551

Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.4	119.2
141	67.0	51.4	77.0

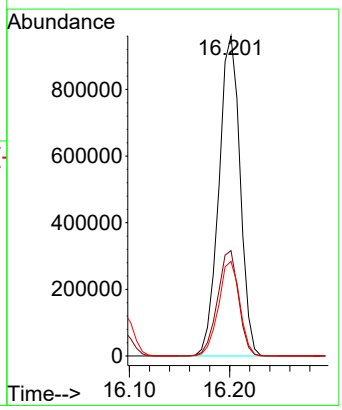


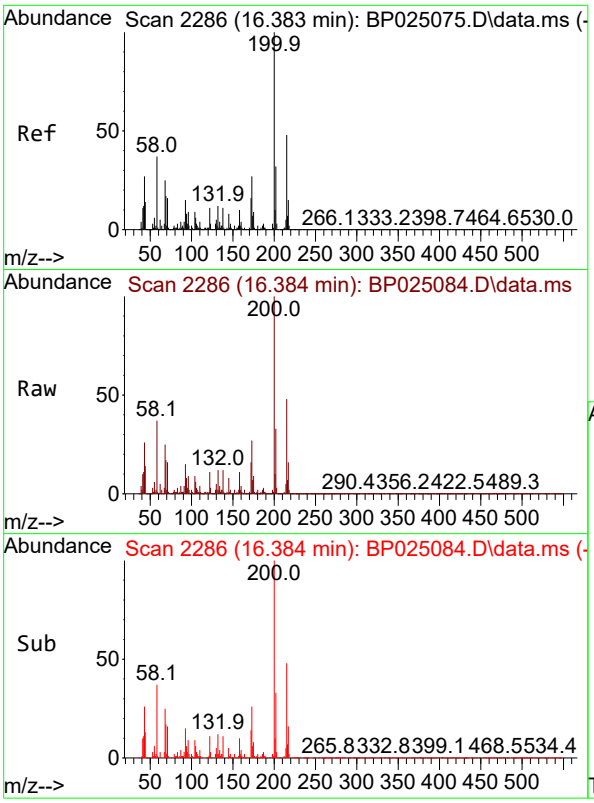


#68
Hexachlorobenzene
Concen: 51.003 ng
RT: 16.201 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:284 Resp: 1407568

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	23.8	35.8



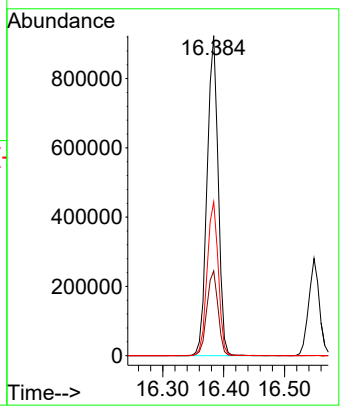


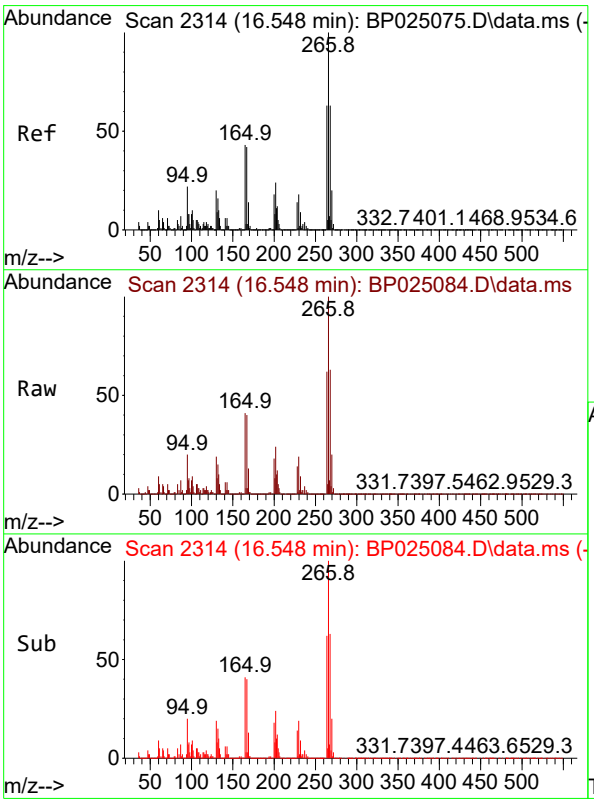
#69
Atrazine
Concen: 63.141 ng
RT: 16.384 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:200 Resp: 1167691

Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	48.1	28.0	68.0

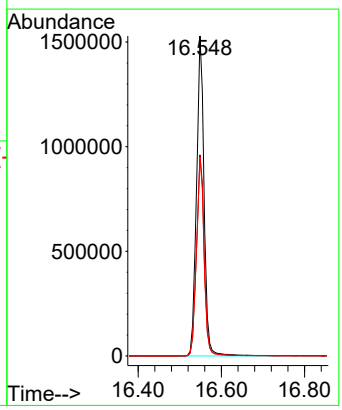


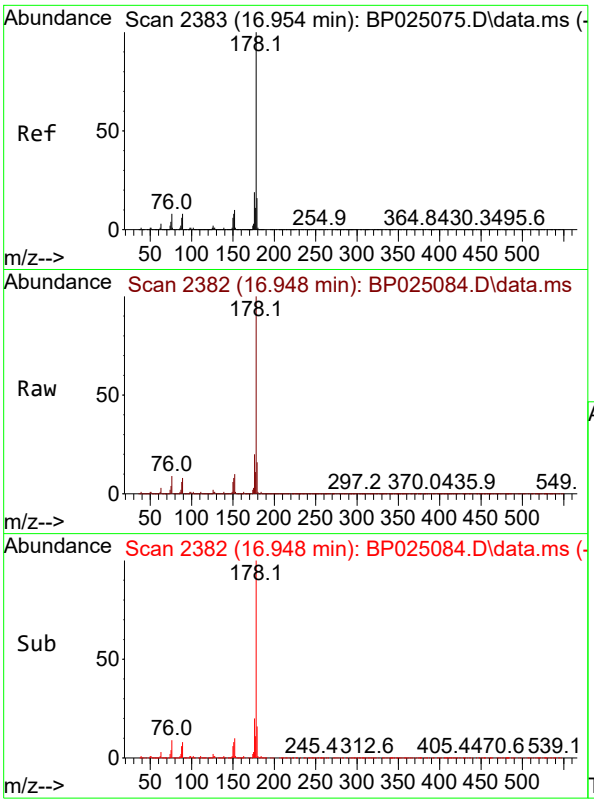


#70
Pentachlorophenol
Concen: 103.612 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:266 Resp: 1931158

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.4	75.6
264	62.2	50.2	75.2



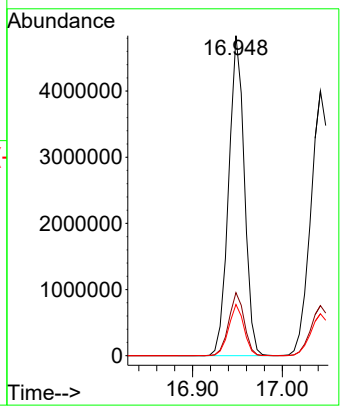


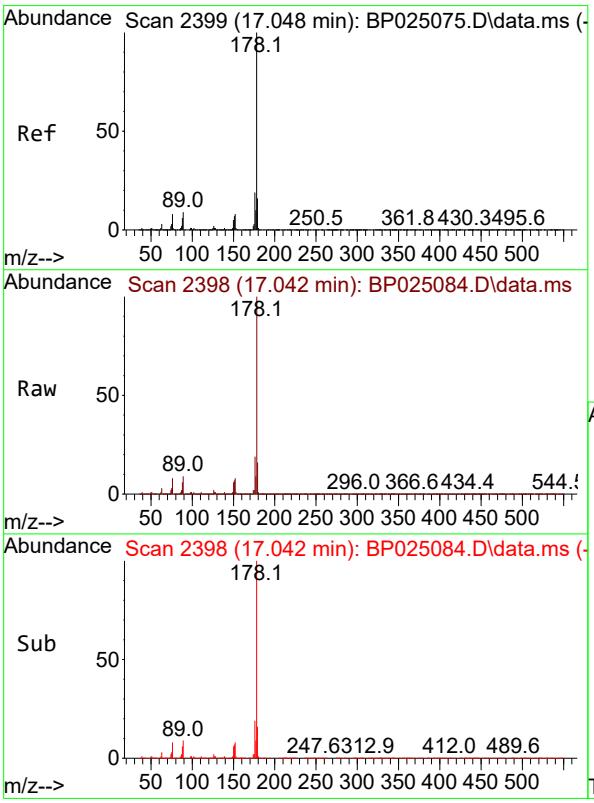
#71
Phenanthrene
Concen: 49.813 ng
RT: 16.948 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:178 Resp: 5869673

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.0	12.6	19.0

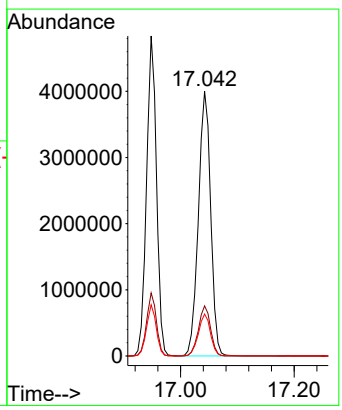


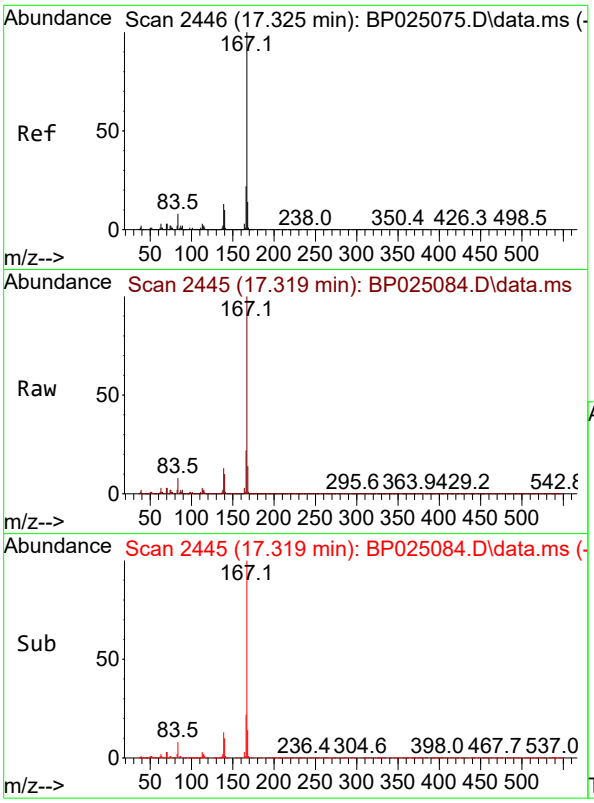


#72
Anthracene
Concen: 53.160 ng
RT: 17.042 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:178 Resp: 6009578

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.8	12.5	18.7



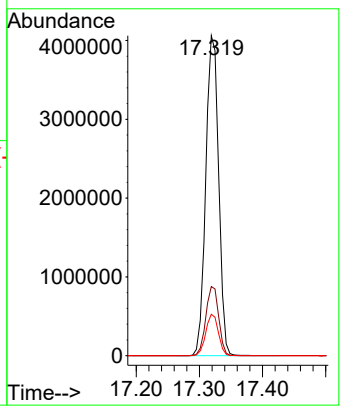


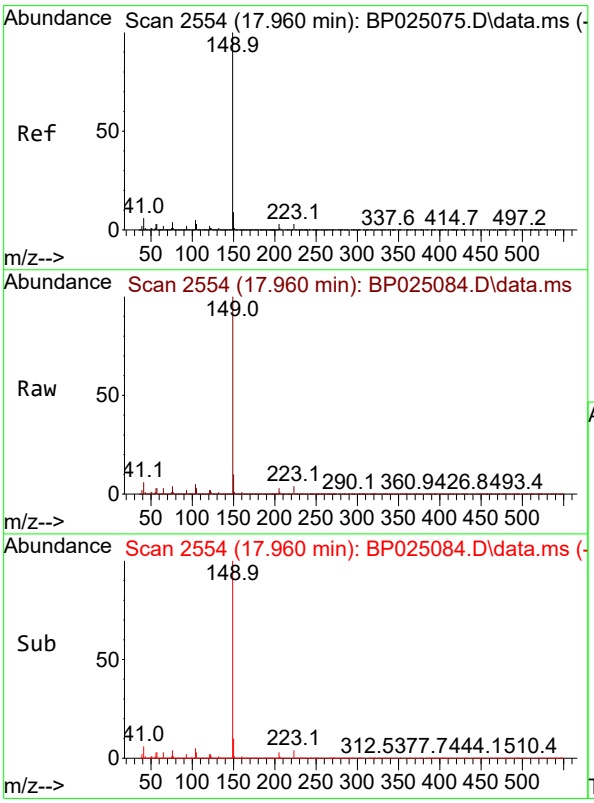
#73
Carbazole
Concen: 51.995 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:167 Resp: 5747053

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	12.9	10.4	15.6

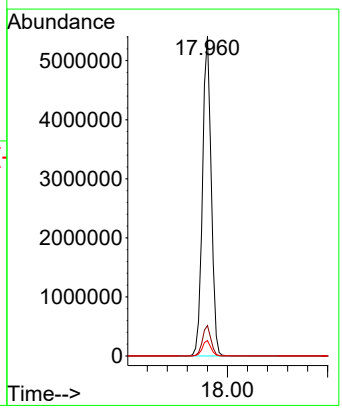


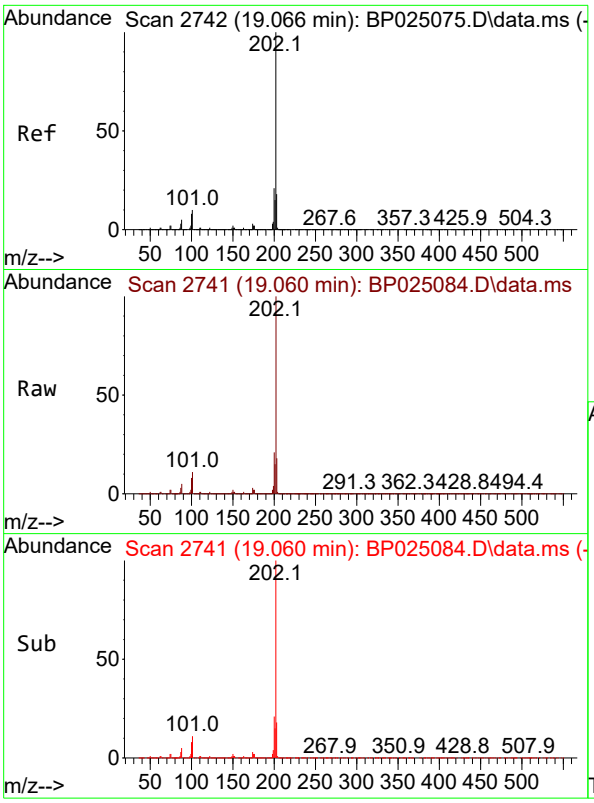


#74
Di-n-butylphthalate
Concen: 53.028 ng
RT: 17.960 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 6527040

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.8	3.8	5.6



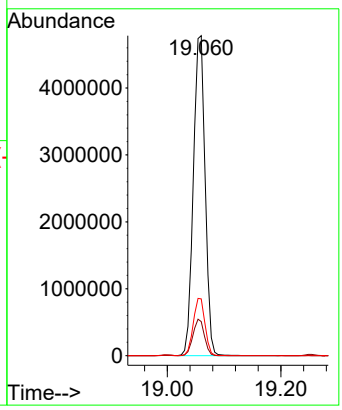


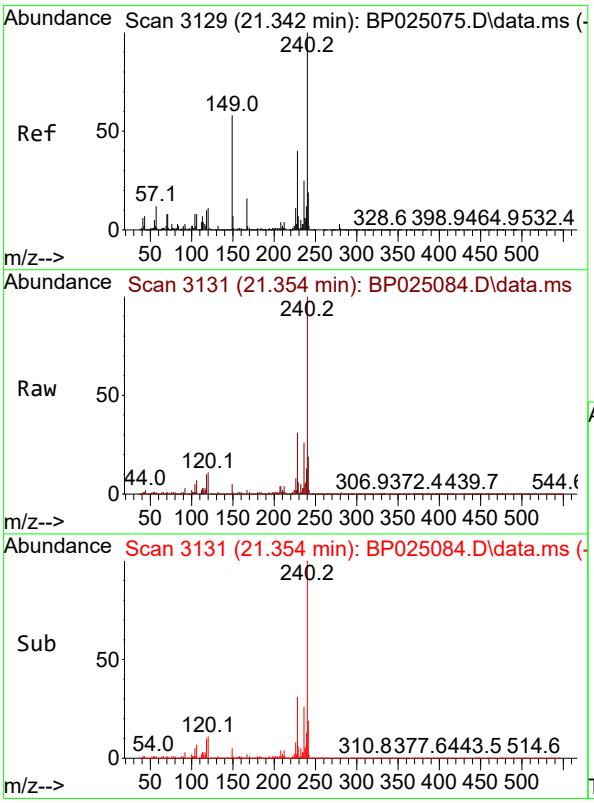
#75
Fluoranthene
Concen: 50.151 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:202 Resp: 6907625

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.4
203	17.7	0.0	37.6

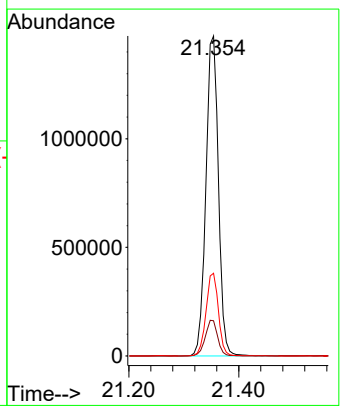


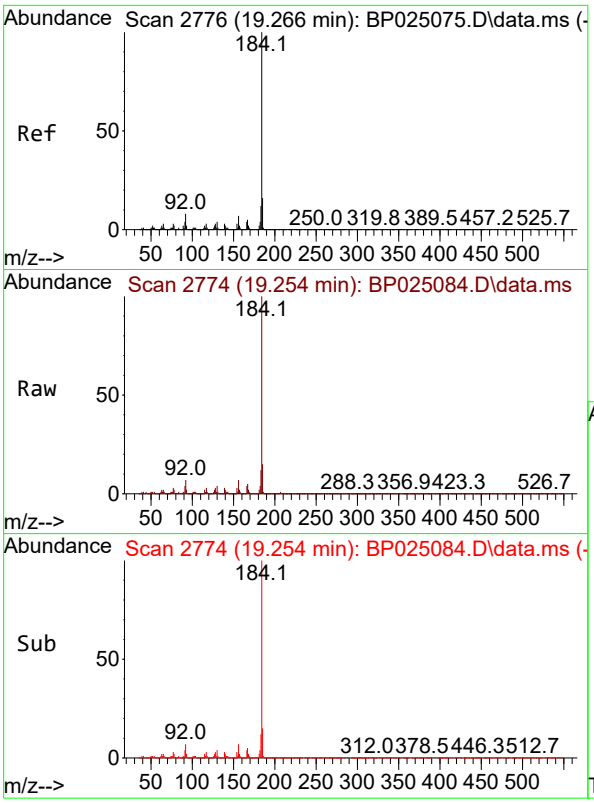


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:240 Resp: 2320390

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	25.9	20.3	30.5



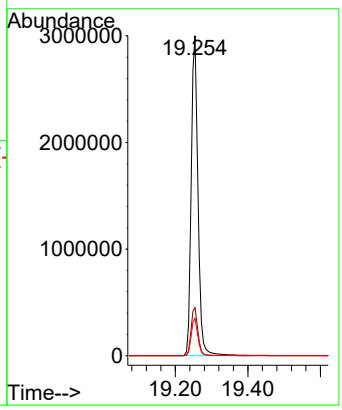


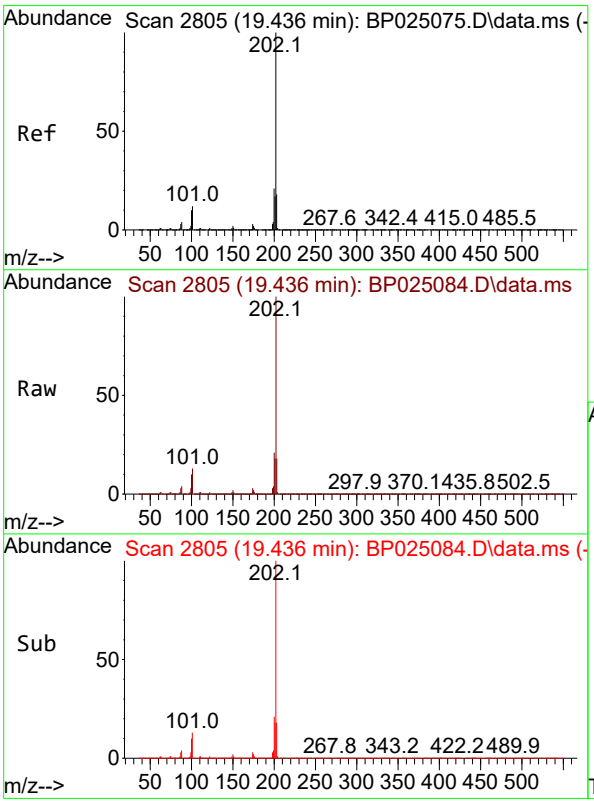
#77
Benzidine
Concen: 94.905 ng
RT: 19.254 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:184 Resp: 3889346

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.7	9.4	14.2

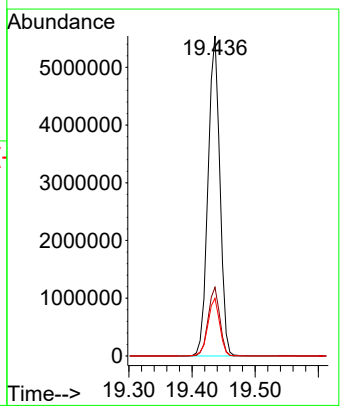


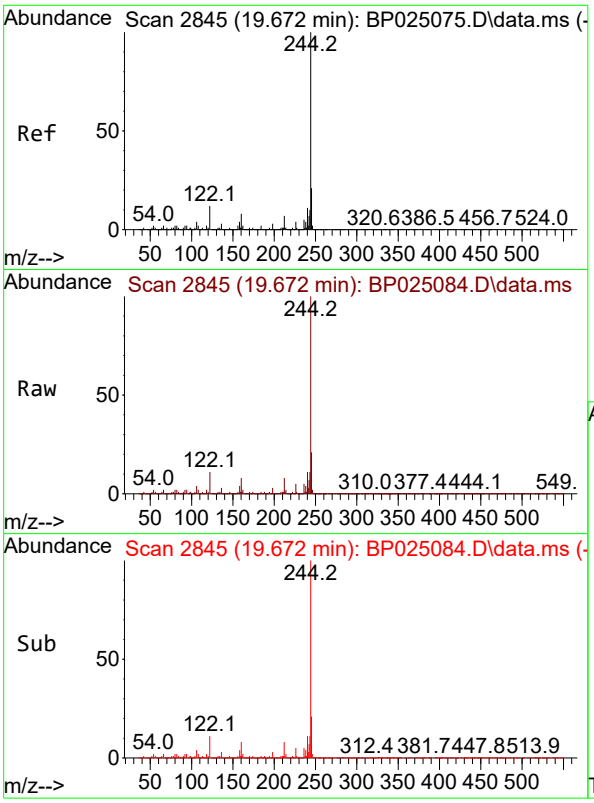


#78
Pyrene
Concen: 50.232 ng
RT: 19.436 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:202 Resp: 7219325

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	18.0	14.1	21.1



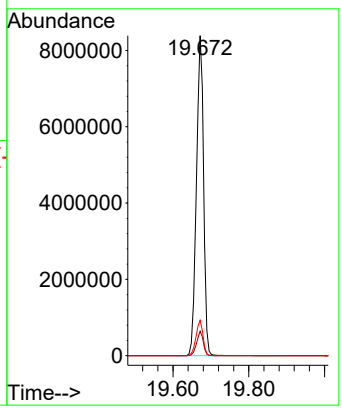


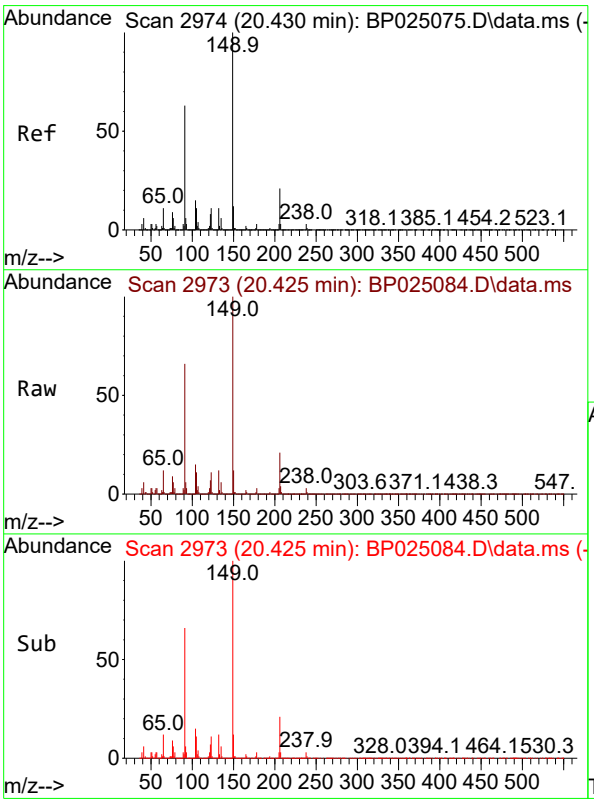
#79
Terphenyl-d14
Concen: 104.809 ng
RT: 19.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:244 Resp:11065557

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	11.1	9.4	14.2

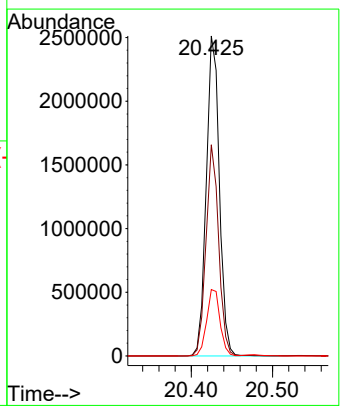


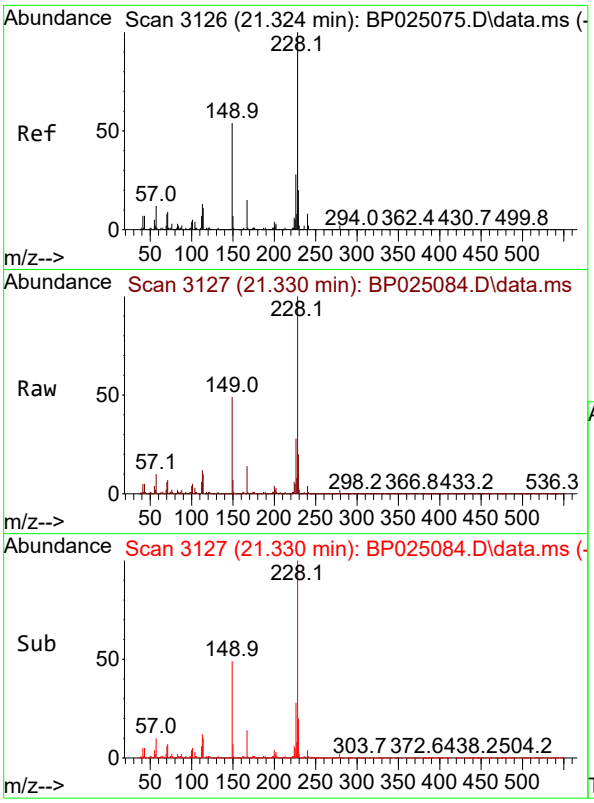


#80
Butylbenzylphthalate
Concen: 50.353 ng
RT: 20.425 min Scan# 2973
Delta R.T. -0.005 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 2798969

Ion	Ratio	Lower	Upper
149	100		
91	66.0	50.6	76.0
206	20.7	17.2	25.8



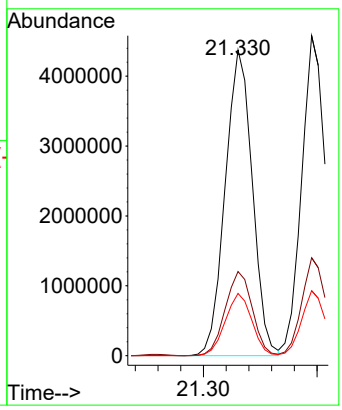


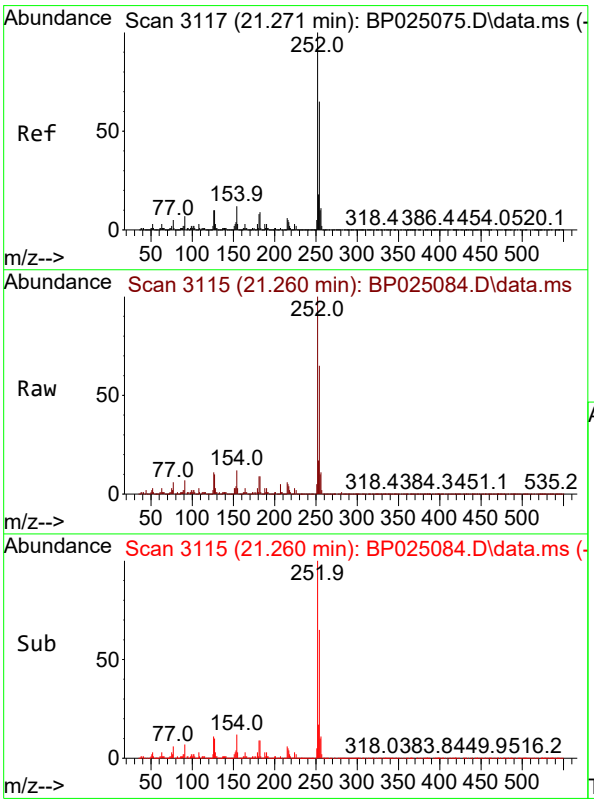
#81
Benzo(a)anthracene
Concen: 51.463 ng
RT: 21.330 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:228 Resp: 7236650

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.3	16.0	24.0

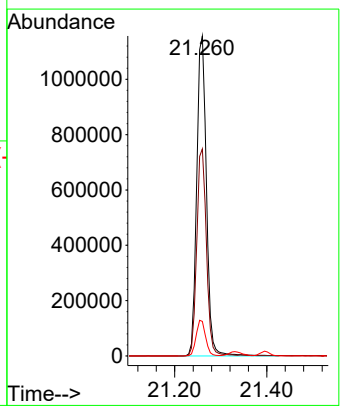


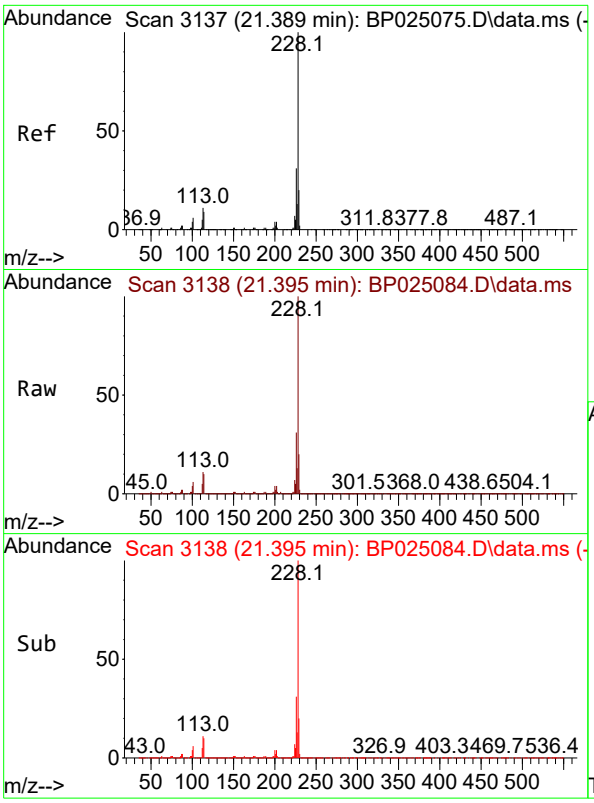


#82
3,3'-Dichlorobenzidine
Concen: 39.959 ng
RT: 21.260 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:252 Resp: 1691514

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.8	8.1	12.1



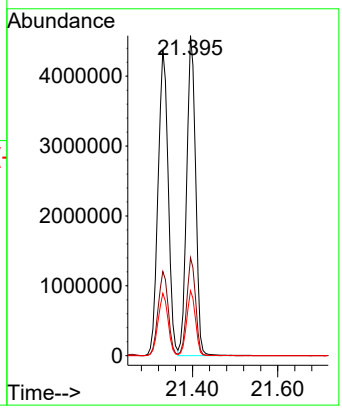


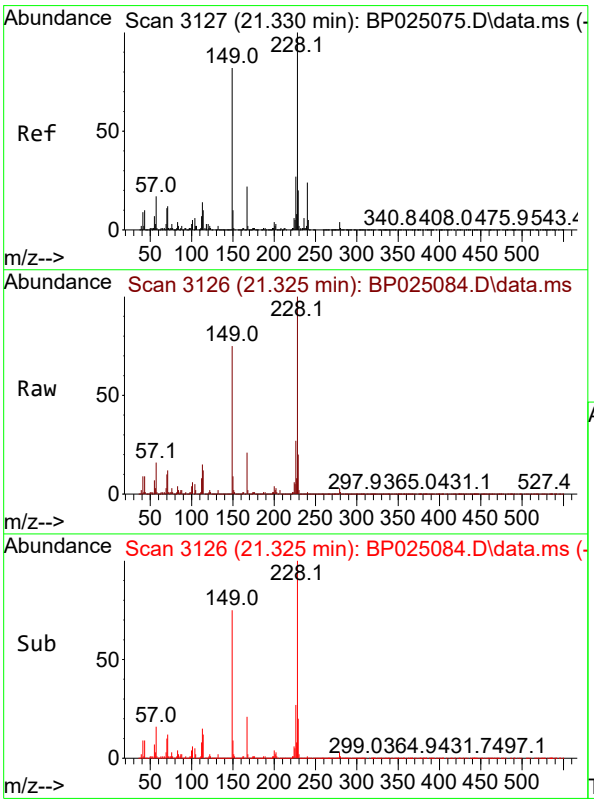
#83
Chrysene
Concen: 49.324 ng
RT: 21.395 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:228 Resp: 6674669

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.3	16.0	24.0

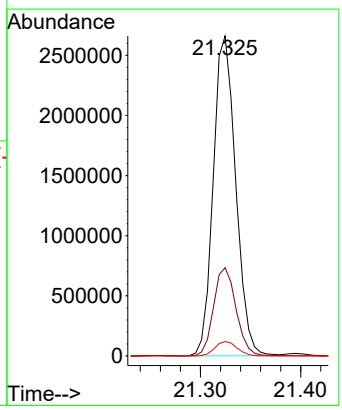


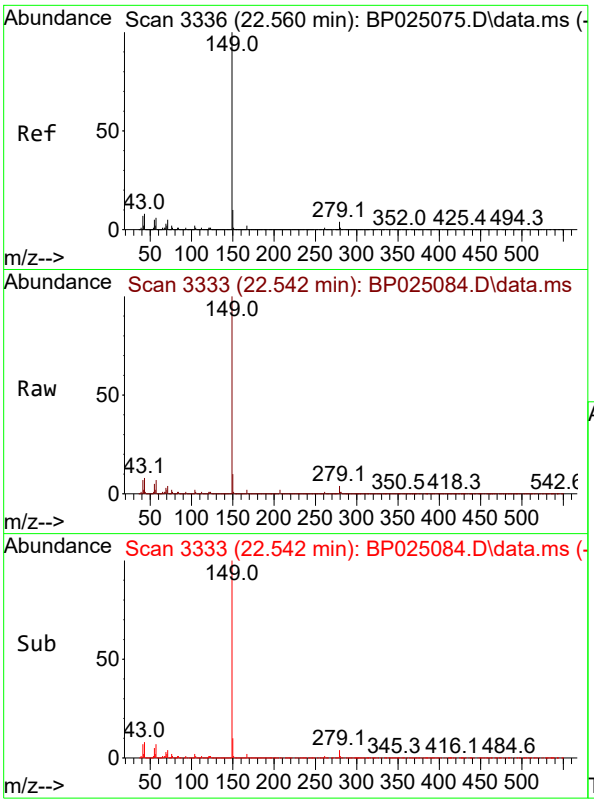


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.766 ng
RT: 21.325 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:149 Resp: 4130780

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.9	32.9
279	4.5	3.5	5.3



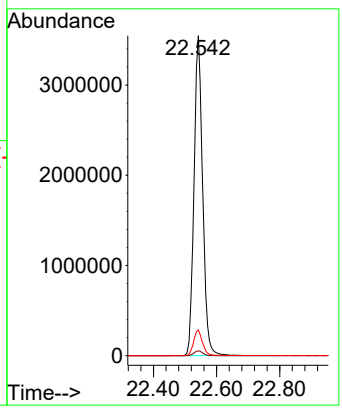


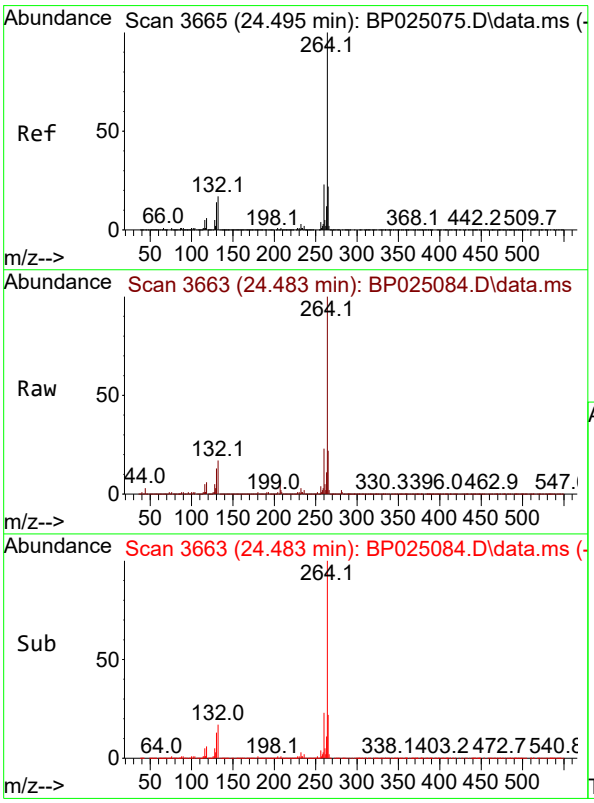
#85
Di-n-octyl phthalate
Concen: 48.625 ng
RT: 22.542 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:149 Resp: 6737637

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.3	6.9	10.3

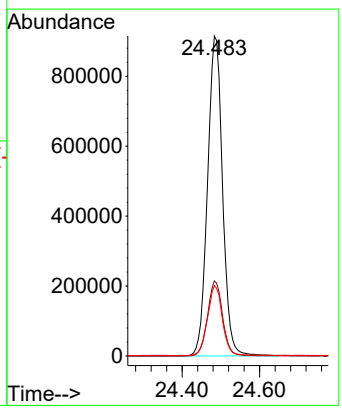


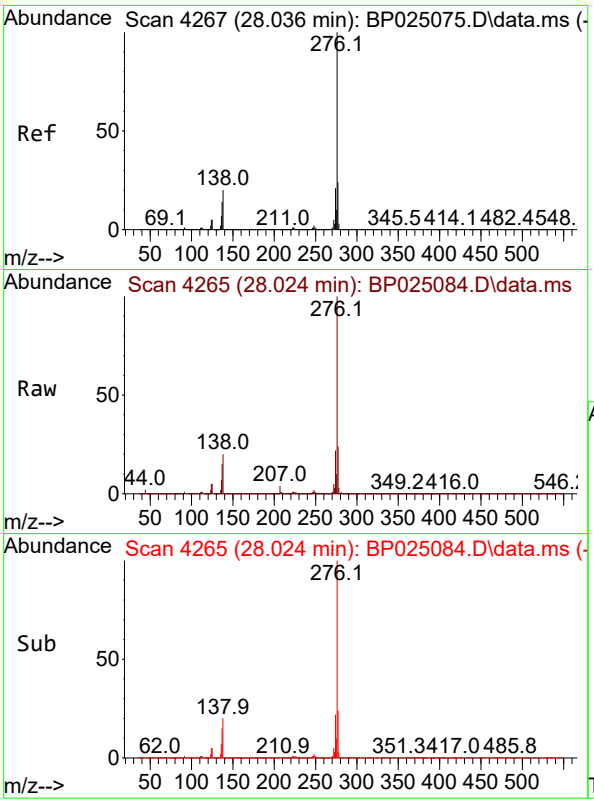


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:264 Resp: 2463988

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.0	17.7	26.5



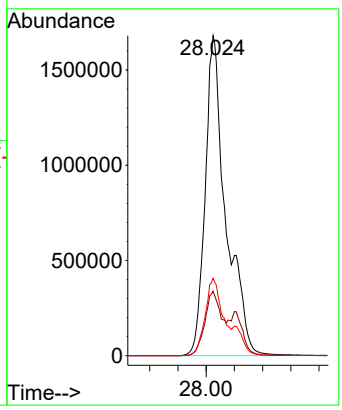


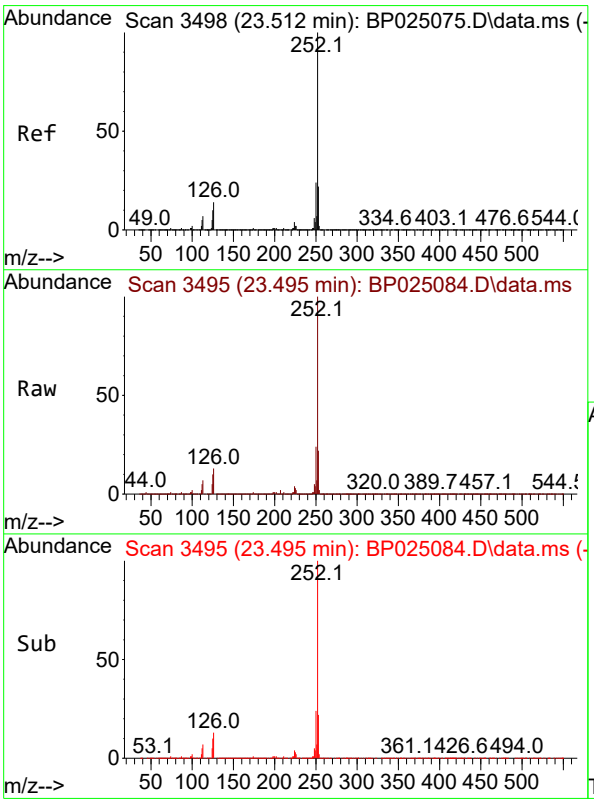
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.579 ng m
RT: 28.024 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:276 Resp: 8567191

Ion	Ratio	Lower	Upper
276	100		
138	16.2	13.0	19.6
277	20.5	15.9	23.9

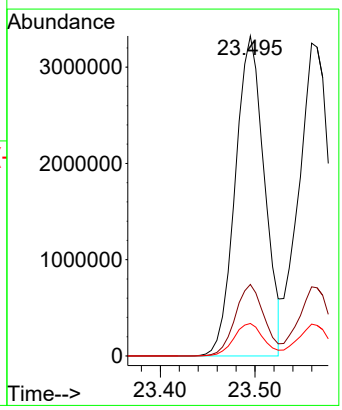


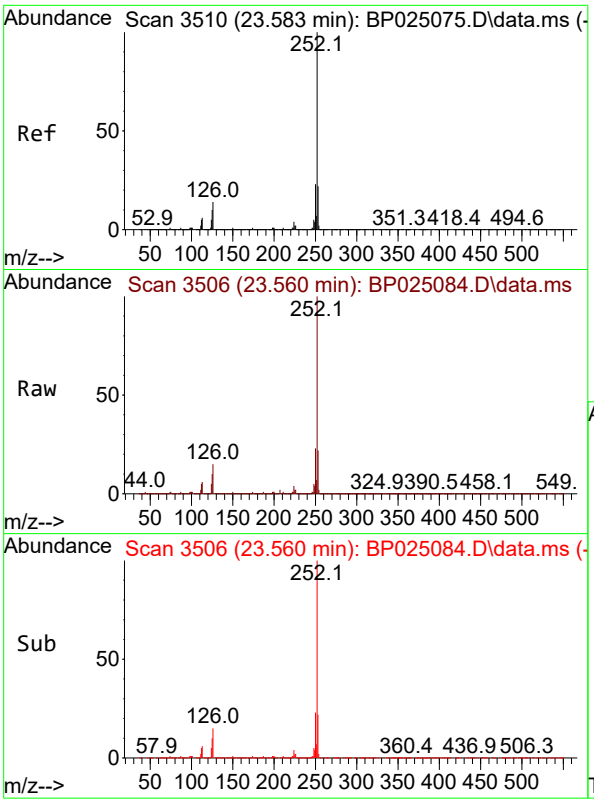


#88
Benzo(b)fluoranthene
Concen: 49.598 ng
RT: 23.495 min Scan# 3495
Delta R.T. -0.017 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:252 Resp: 7113206

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.2	8.1	12.1



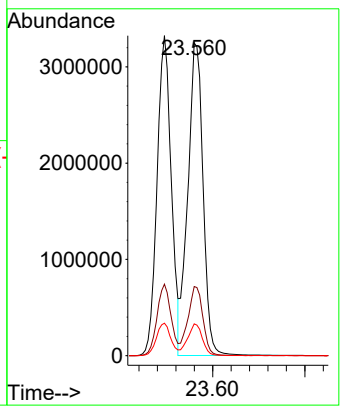


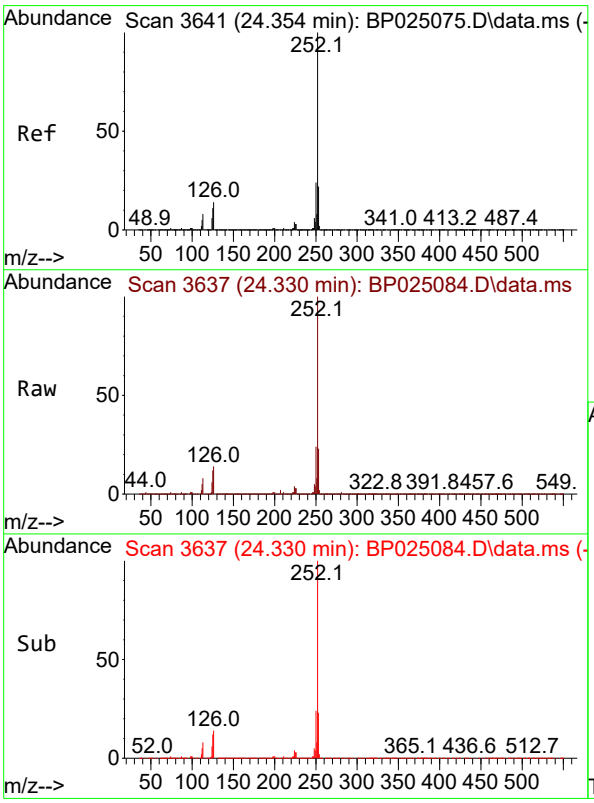
#89
Benzo(k)fluoranthene
Concen: 52.268 ng
RT: 23.560 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:252 Resp: 7458645

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.2	12.2

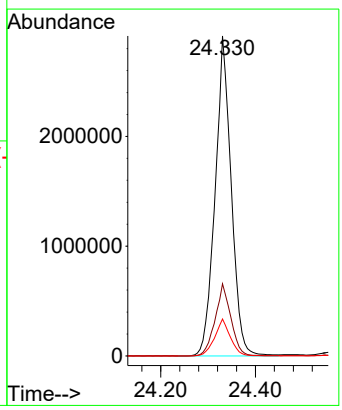


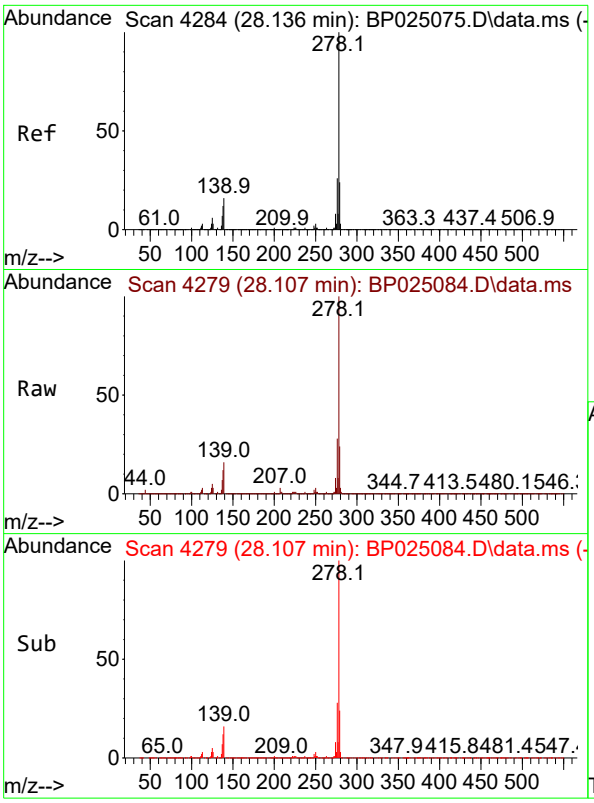


#90
Benzo(a)pyrene
Concen: 56.410 ng
RT: 24.330 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:252 Resp: 6885544

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.5	9.0	13.4



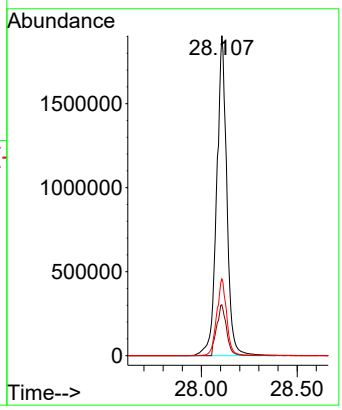


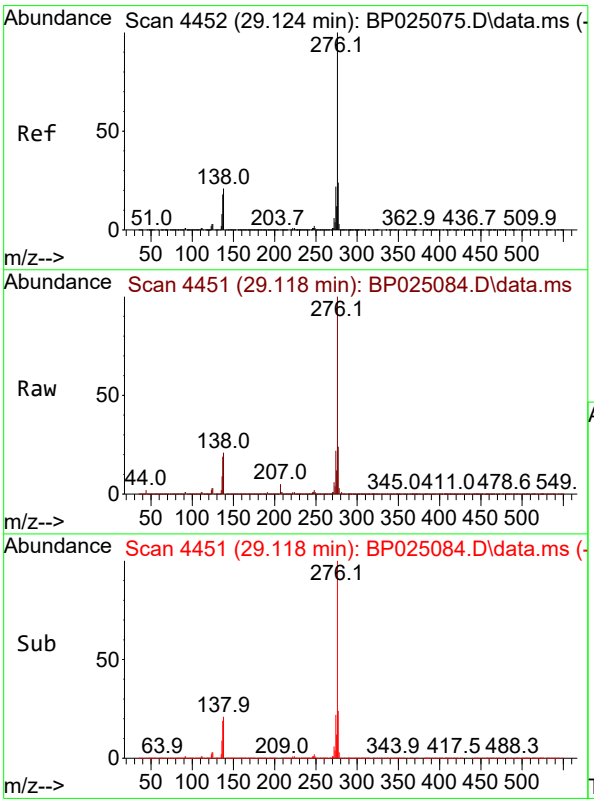
#91
Dibenzo(a,h)anthracene
Concen: 54.207 ng
RT: 28.107 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Instrument :
BNA_P
ClientSampleId :
PB168767BS

Tgt Ion:278 Resp: 7033453

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.1	19.7
279	24.0	18.9	28.3

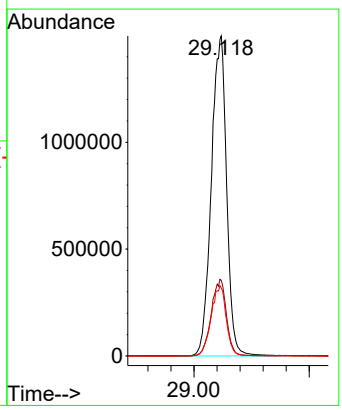




#92
Benzo(g,h,i)perylene
Concen: 51.301 ng
RT: 29.118 min Scan# 4451
Delta R.T. -0.006 min
Lab File: BP025084.D
Acq: 10 Jul 2025 15:30

Tgt Ion:276 Resp: 6876188

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	21.3	16.9	25.3



Raw Data: **BF143060.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MS	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143060.D	1	07/09/25 08:55	07/09/25 17:00	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1000		110	230	ug/Kg
108-95-2	Phenol	1000		15.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		16.6	120	ug/Kg
95-57-8	2-Chlorophenol	1000		16.7	120	ug/Kg
95-48-7	2-Methylphenol	1000		20.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940		25.6	120	ug/Kg
98-86-2	Acetophenone	1100		20.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		28.1	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		32.4	54.6	ug/Kg
67-72-1	Hexachloroethane	1000		12.0	120	ug/Kg
98-95-3	Nitrobenzene	1000		12.5	120	ug/Kg
78-59-1	Isophorone	1000		22.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		39.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		44.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		21.0	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		19.3	120	ug/Kg
91-20-3	Naphthalene	1100		15.5	120	ug/Kg
106-47-8	4-Chloroaniline	620		24.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		17.3	120	ug/Kg
105-60-2	Caprolactam	990		35.6	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		19.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		17.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		79.2	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	980		13.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		19.9	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1100		32.8	120	ug/Kg
131-11-3	Dimethylphthalate	1100		18.5	120	ug/Kg

Raw Data: **BF143060.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MS	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143060.D	1	07/09/25 08:55	07/09/25 17:00	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1100		19.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		22.9	120	ug/Kg
99-09-2	3-Nitroaniline	830		31.4	120	ug/Kg
83-32-9	Acenaphthene	1100		14.5	120	ug/Kg
51-28-5	2,4-Dinitrophenol	570		160	230	ug/Kg
100-02-7	4-Nitrophenol	1400		73.1	230	ug/Kg
132-64-9	Dibenzofuran	1100		15.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		34.2	120	ug/Kg
84-66-2	Diethylphthalate	1100		19.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.2	120	ug/Kg
86-73-7	Fluorene	1100		17.3	120	ug/Kg
100-01-6	4-Nitroaniline	1100		43.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620		70.3	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		22.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		19.0	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		17.3	120	ug/Kg
1912-24-9	Atrazine	1200		23.2	120	ug/Kg
87-86-5	Pentachlorophenol	1100		35.0	230	ug/Kg
85-01-8	Phenanthrene	1100		14.3	120	ug/Kg
120-12-7	Anthracene	1100		22.7	120	ug/Kg
86-74-8	Carbazole	1100		21.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		32.7	120	ug/Kg
206-44-0	Fluoranthene	1000		20.5	120	ug/Kg
129-00-0	Pyrene	790		24.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		48.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740		25.1	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.7	120	ug/Kg
218-01-9	Chrysene	1100		13.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		40.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	990		59.3	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		13.0	120	ug/Kg

Raw Data: **BF143060.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MS	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143060.D	1	07/09/25 08:55	07/09/25 17:00	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		15.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		20.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910		19.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	900		18.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		17.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.5	120	ug/Kg
123-91-1	1,4-Dioxane	870		30.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	890		18.7	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	80.8		18 - 112	54%	SPK: 150
13127-88-3	Phenol-d6	82.0		15 - 107	55%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.1		18 - 107	52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.6		20 - 109	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.3		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	37.5		10 - 105	38%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	52100	6.869			
1146-65-2	Naphthalene-d8	192000	8.157			
15067-26-2	Acenaphthene-d10	94700	9.916			
1517-22-2	Phenanthrene-d10	142000	11.404			
1719-03-5	Chrysene-d12	102000	14.057			
1520-96-3	Perylene-d12	130000	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\BF070925\
Data File : BF143060.D
Acq On : 09 Jul 2025 17:00
Operator : RC/JU
Sample : Q2517-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Quant Time: Jul 09 17:29:03 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	52081	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	191892	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	94721	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	141827	20.000	ng		0.00
76) Chrysene-d12	14.057	240	102470	20.000	ng		0.00
86) Perylene-d12	15.551	264	129759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	252600	80.751	ng		0.00
7) Phenol-d6	6.504	99	302500	81.965	ng		0.00
23) Nitrobenzene-d5	7.434	82	182282	52.104	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	75351	77.303	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	365046	50.628	ng		-0.01
79) Terphenyl-d14	12.986	244	278331	37.530	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	47746	38.161	ng		99
3) Pyridine	3.428	79	128485	40.962	ng		97
4) n-Nitrosodimethylamine	3.381	42	72343	44.601	ng		99
6) Aniline	6.534	93	174035	35.440	ng	#	84
8) 2-Chlorophenol	6.657	128	154047	45.652	ng		99
9) Benzaldehyde	6.422	77	100643	45.965	ng		100
10) Phenol	6.522	94	185979	45.335	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	133742	45.614	ng		98
12) 1,3-Dichlorobenzene	6.810	146	173030	45.850	ng		99
13) 1,4-Dichlorobenzene	6.887	146	171179	44.958	ng		99
14) 1,2-Dichlorobenzene	7.039	146	165519	45.833	ng		99
15) Benzyl Alcohol	7.016	79	123812	46.406	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	194506	41.290	ng		86
17) 2-Methylphenol	7.128	107	116151	45.422	ng		98
18) Hexachloroethane	7.381	117	60912	45.738	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	96586	44.998	ng		96
20) 3+4-Methylphenols	7.281	107	151225	47.431	ng		90
22) Acetophenone	7.281	105	204260	48.271	ng		99
24) Nitrobenzene	7.457	77	145564	45.971	ng		97
25) Isophorone	7.698	82	256365	45.681	ng		99
26) 2-Nitrophenol	7.775	139	82025	47.554	ng		98
27) 2,4-Dimethylphenol	7.810	122	136760m	45.773	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	163975	45.959	ng		99
29) 2,4-Dichlorophenol	8.022	162	123158	45.461	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	139564	46.850	ng		99
31) Naphthalene	8.181	128	436443	46.466	ng		100
32) Benzoic acid	7.945	122	14897m	9.782	ng		
33) 4-Chloroaniline	8.228	127	103359	27.062	ng		98
34) Hexachlorobutadiene	8.292	225	84985	46.640	ng		99
35) Caprolactam	8.598	113	31057	43.444	ng		91
36) 4-Chloro-3-methylphenol	8.716	107	124451	46.223	ng		99
37) 2-Methylnaphthalene	8.869	142	267024	45.855	ng		99
38) 1-Methylnaphthalene	8.969	142	278180	46.147	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	135710	48.556	ng		99
41) Hexachlorocyclopentadiene	9.022	237	108106	68.160	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	78190	42.932	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143060.D
Acq On : 09 Jul 2025 17:00
Operator : RC/JU
Sample : Q2517-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Quant Time: Jul 09 17:29:03 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

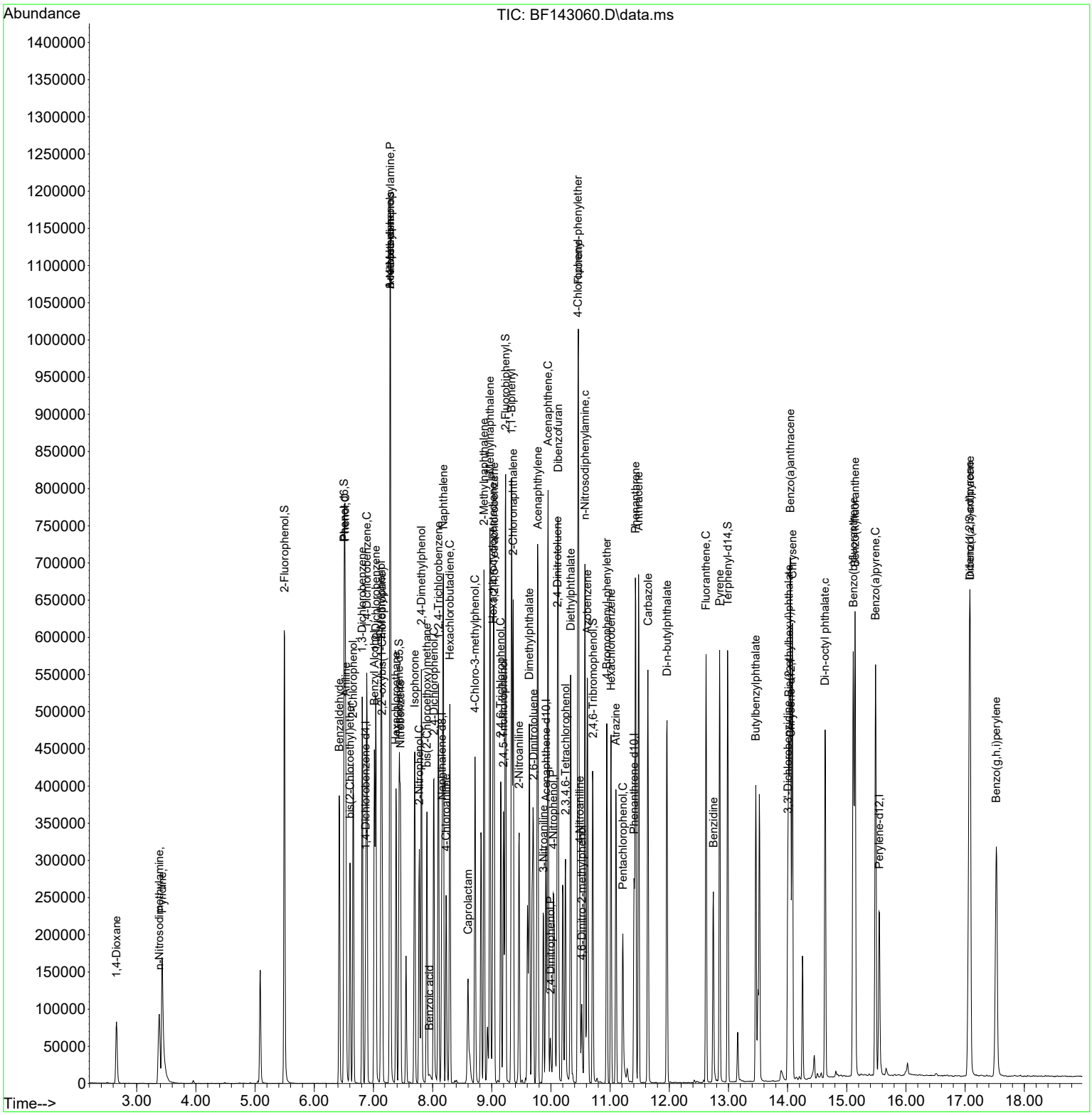
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	84906	44.287	ng	99
46) 1,1'-Biphenyl	9.333	154	366451	48.975	ng	99
47) 2-Chloronaphthalene	9.363	162	269042	47.915	ng	99
48) 2-Nitroaniline	9.463	65	75973	48.261	ng	94
49) Acenaphthylene	9.780	152	445436	48.189	ng	100
50) Dimethylphthalate	9.633	163	299646	48.871	ng	100
51) 2,6-Dinitrotoluene	9.704	165	65515	48.656	ng	96
52) Acenaphthene	9.951	154	263110m	46.653	ng	
53) 3-Nitroaniline	9.875	138	54019	36.438	ng	94
54) 2,4-Dinitrophenol	9.992	184	16820	24.947	ng	94
55) Dibenzofuran	10.122	168	382589	47.308	ng	100
56) 4-Nitrophenol	10.039	139	63769	62.831	ng	94
57) 2,4-Dinitrotoluene	10.110	165	85445	47.773	ng	94
58) Fluorene	10.463	166	302535	47.900	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	60190	38.949	ng	94
60) Diethylphthalate	10.333	149	289100	48.090	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	141165	46.838	ng	99
62) 4-Nitroaniline	10.486	138	62863	46.364	ng	99
63) Azobenzene	10.616	77	270038	50.258	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	23533	27.432	ng	99
66) n-Nitrosodiphenylamine	10.575	169	252837	51.438	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	84802	52.537	ng	97
68) Hexachlorobenzene	11.016	284	90152	50.264	ng	99
69) Atrazine	11.098	200	67161	52.912	ng	100
70) Pentachlorophenol	11.216	266	42727	47.807	ng	99
71) Phenanthrene	11.427	178	378793	49.304	ng	100
72) Anthracene	11.480	178	385629	48.942	ng	100
73) Carbazole	11.639	167	324129	47.669	ng	99
74) Di-n-butylphthalate	11.963	149	367460	51.876	ng	100
75) Fluoranthene	12.621	202	336211	46.111	ng	100
77) Benzidine	12.745	184	149939	38.946	ng	99
78) Pyrene	12.851	202	335284	34.907	ng	100
80) Butylbenzylphthalate	13.463	149	127678	45.826	ng	97
81) Benzo(a)anthracene	14.045	228	335887	48.590	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	72793	32.465	ng	99
83) Chrysene	14.080	228	301234	48.835	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	171962	42.898	ng	99
85) Di-n-octyl phthalate	14.633	149	327966	43.389	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	393256	39.789	ng	98
88) Benzo(b)fluoranthene	15.110	252	397576	52.951	ng	99
89) Benzo(k)fluoranthene	15.139	252	313820	44.674	ng	99
90) Benzo(a)pyrene	15.486	252	353459	48.728	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	317343	39.517	ng	98
92) Benzo(g,h,i)perylene	17.527	276	301293	37.625	ng	99

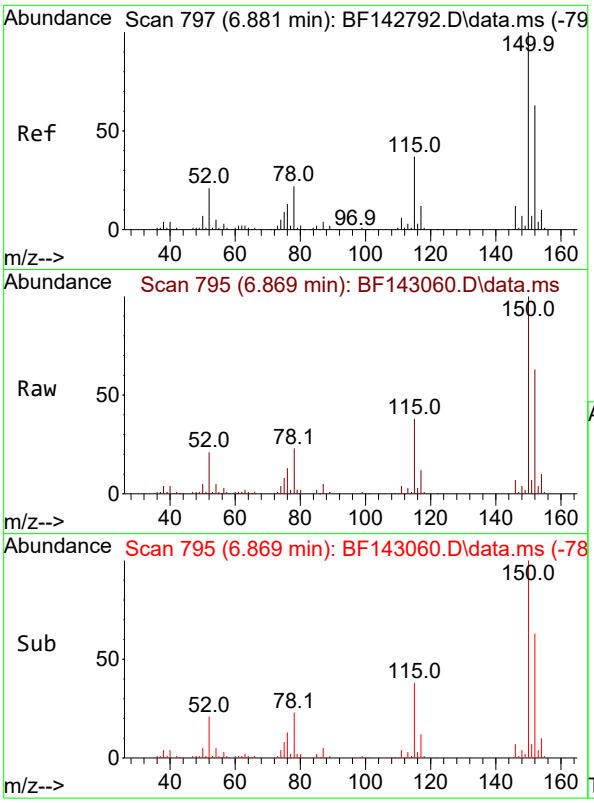
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143060.D
Acq On : 09 Jul 2025 17:00
Operator : RC/JU
Sample : Q2517-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Quant Time: Jul 09 17:29:03 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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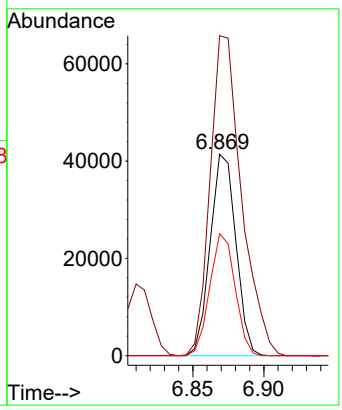


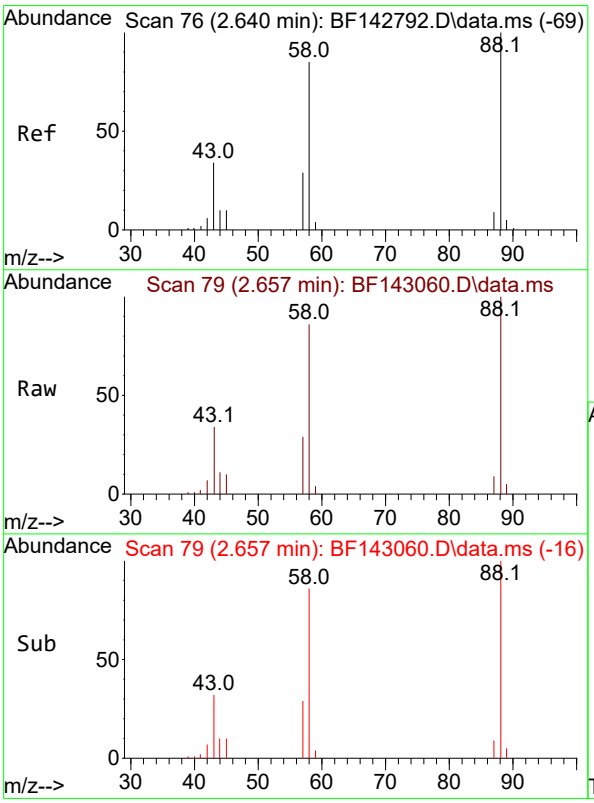
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:152 Resp: 52081

Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.2	190.8
115	60.6	46.6	69.8

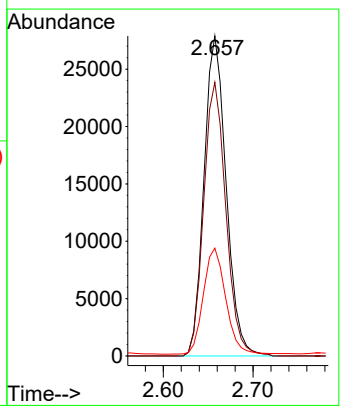


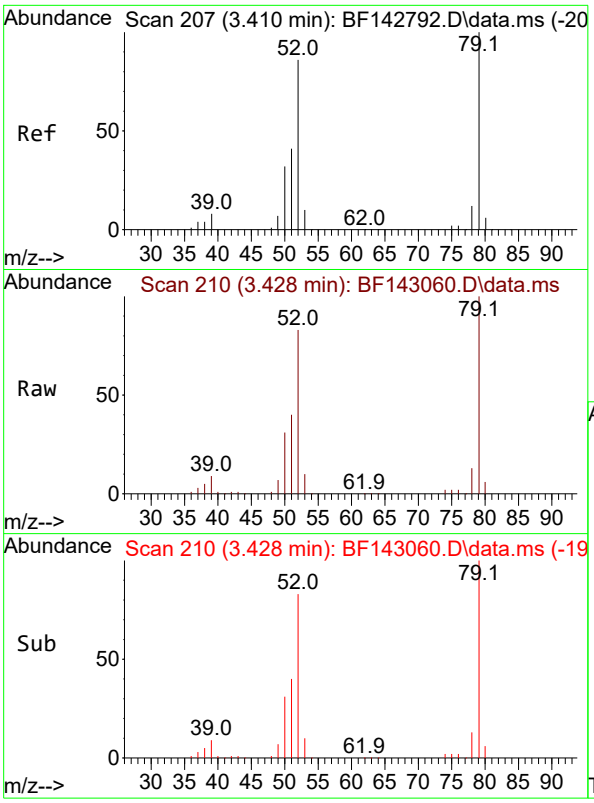


#2
1,4-Dioxane
Concen: 38.161 ng
RT: 2.657 min Scan# 79
Delta R.T. 0.018 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 88 Resp: 47746

Ion	Ratio	Lower	Upper
88	100		
58	85.8	69.1	103.7
43	33.5	27.4	41.2



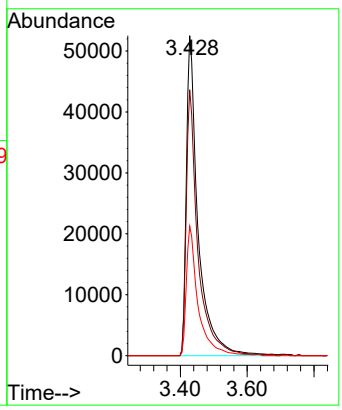


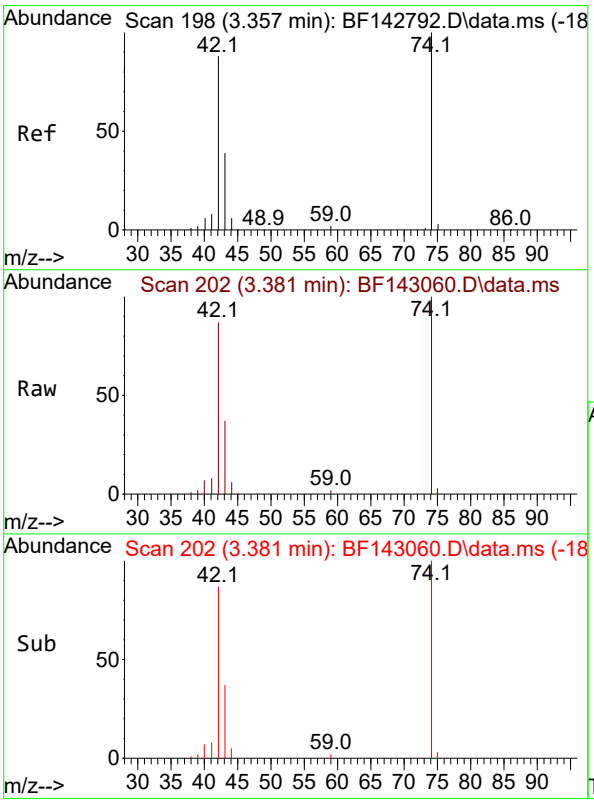
#3
Pyridine
Concen: 40.962 ng
RT: 3.428 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 79 Resp: 128485

Ion	Ratio	Lower	Upper
79	100		
52	83.1	69.2	103.8
51	40.5	33.2	49.8

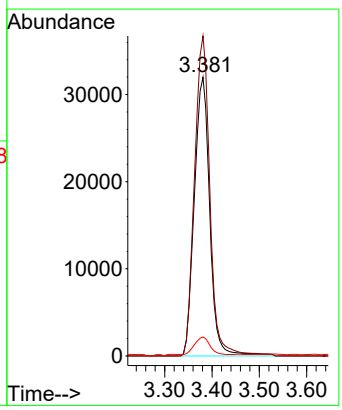


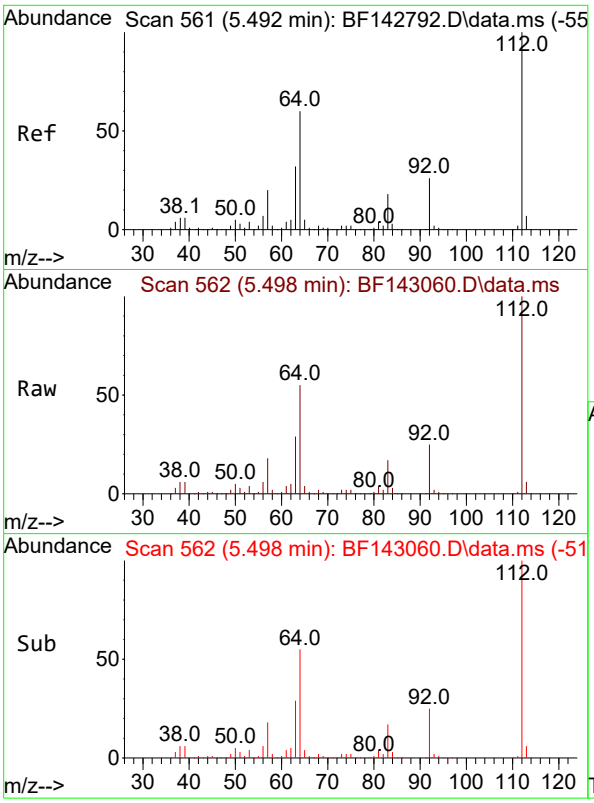


#4
n-Nitrosodimethylamine
Concen: 44.601 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.024 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 42 Resp: 72343

Ion	Ratio	Lower	Upper
42	100		
74	114.8	90.9	136.3
44	6.8	5.8	8.6



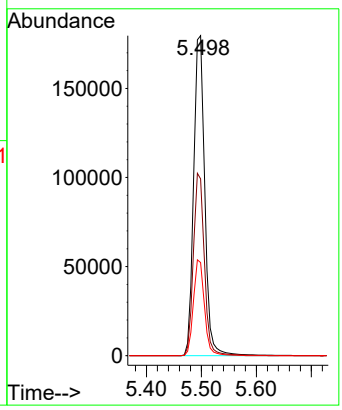


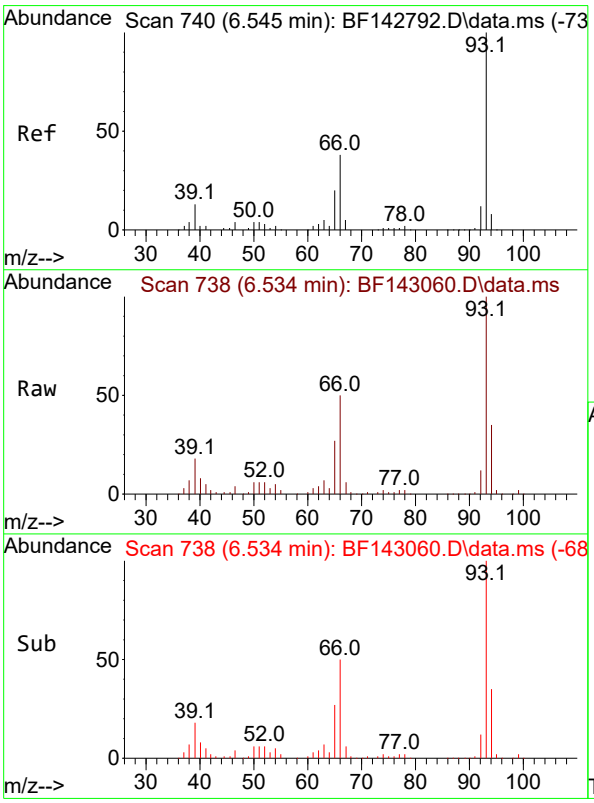
#5
2-Fluorophenol
Concen: 80.751 ng
RT: 5.498 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:112 Resp: 252600

Ion	Ratio	Lower	Upper
112	100		
64	55.2	48.2	72.2
63	29.1	25.7	38.5

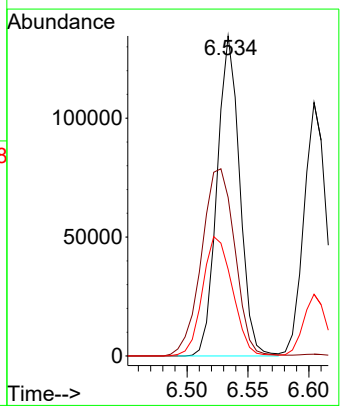


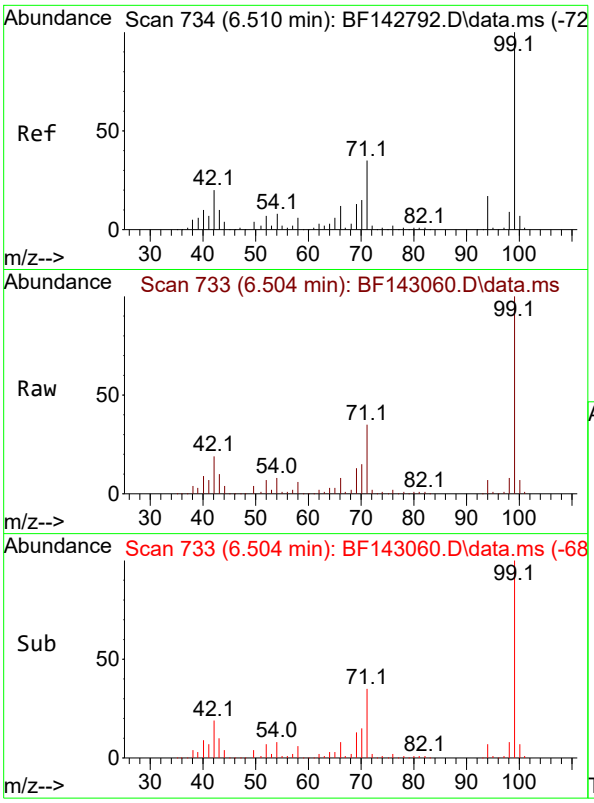


#6
Aniline
Concen: 35.440 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 93 Resp: 174035

Ion	Ratio	Lower	Upper
93	100		
66	49.6	31.8	47.6#
65	27.1	16.2	24.2#



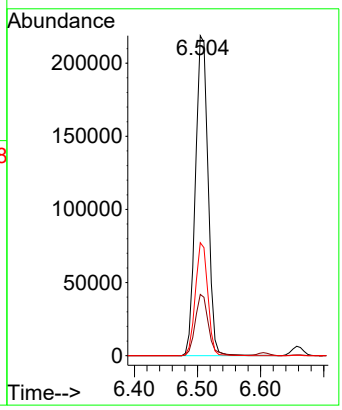


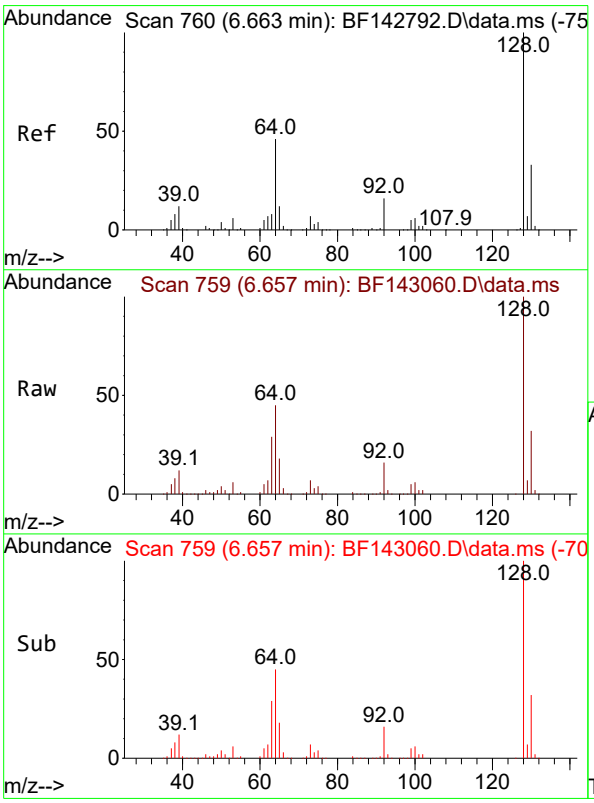
#7
Phenol-d6
Concen: 81.965 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 99 Resp: 302500

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.9	23.9
71	35.3	27.8	41.8

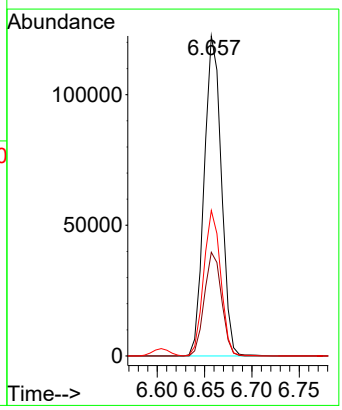


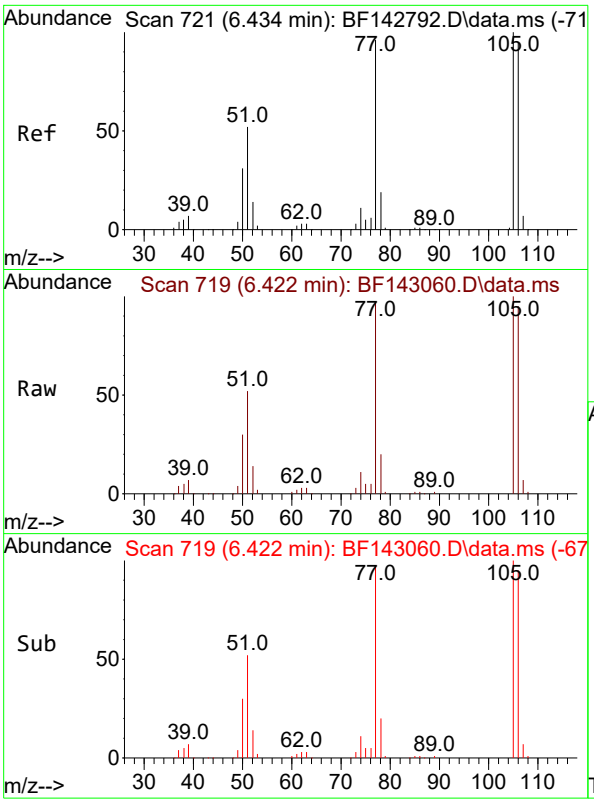


#8
2-Chlorophenol
Concen: 45.652 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:128 Resp: 154047

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.7	52.7
64	45.4	26.5	66.5



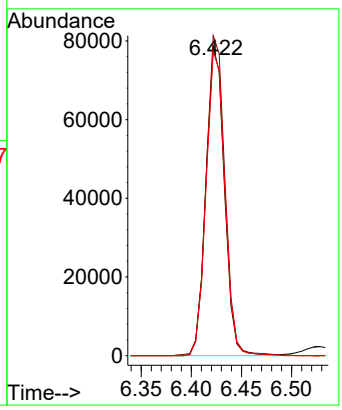


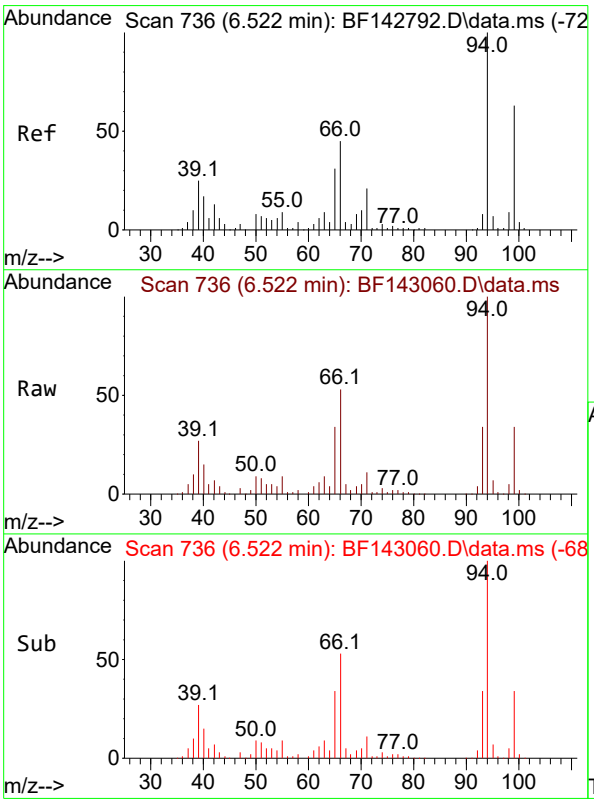
#9
Benzaldehyde
Concen: 45.965 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 77 Resp: 100643

Ion	Ratio	Lower	Upper
77	100		
105	103.4	83.8	123.8
106	98.4	78.7	118.7

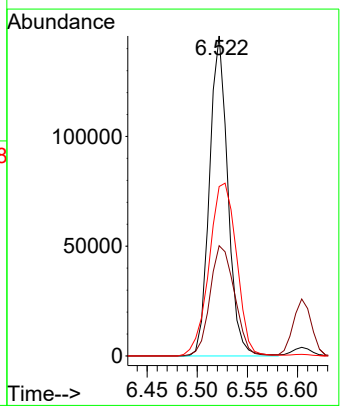


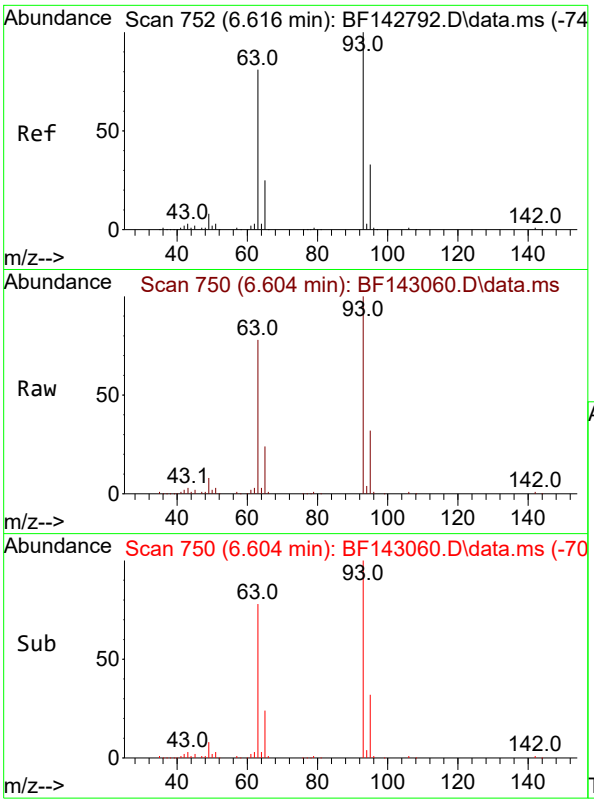


#10
Phenol
Concen: 45.335 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 94 Resp: 185979

Ion	Ratio	Lower	Upper
94	100		
65	34.4	11.3	51.3
66	53.0	24.9	64.9



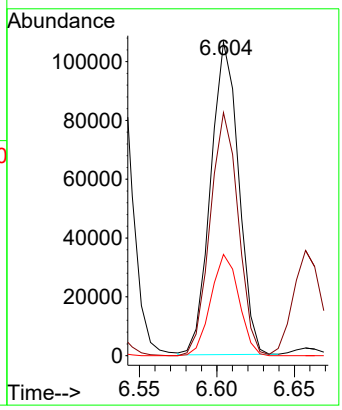


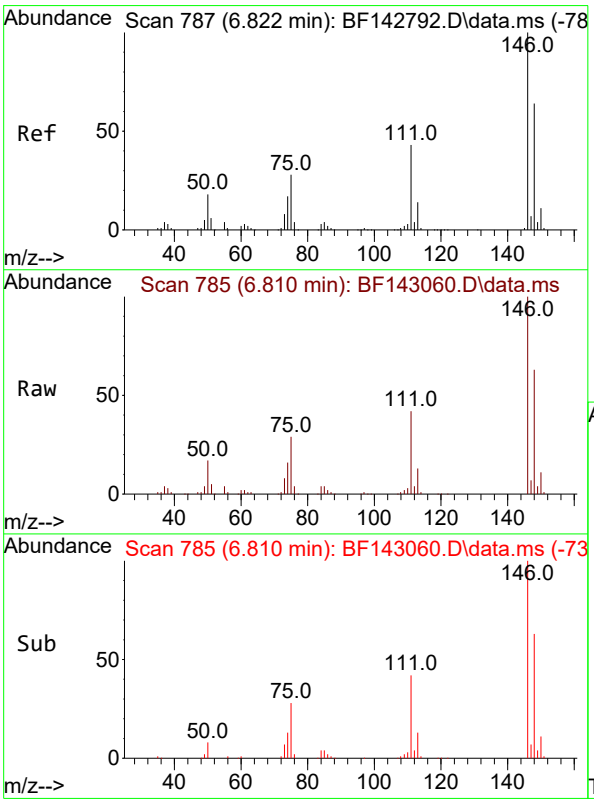
#11
bis(2-Chloroethyl)ether
Concen: 45.614 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 93 Resp: 133742

Ion	Ratio	Lower	Upper
93	100		
63	77.6	60.3	100.3
95	32.3	12.5	52.5

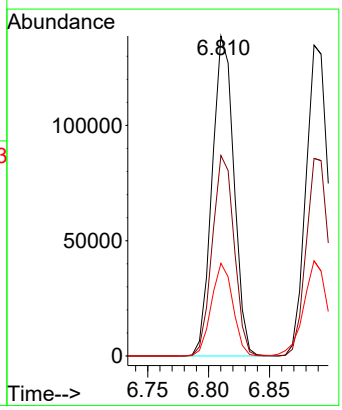


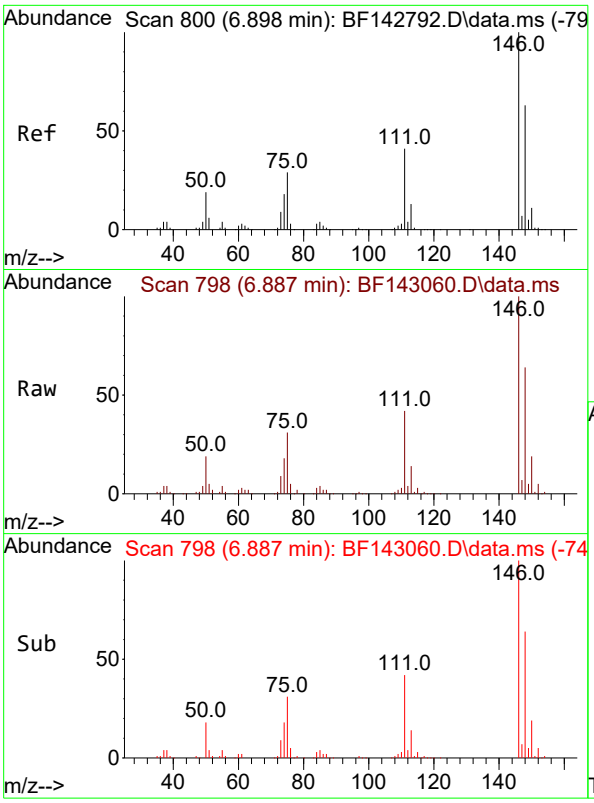


#12
1,3-Dichlorobenzene
Concen: 45.850 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:146 Resp: 173030

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.1	76.7
75	29.0	22.7	34.1



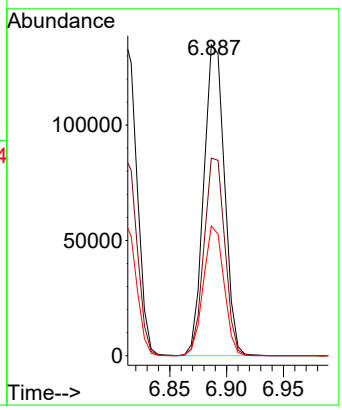


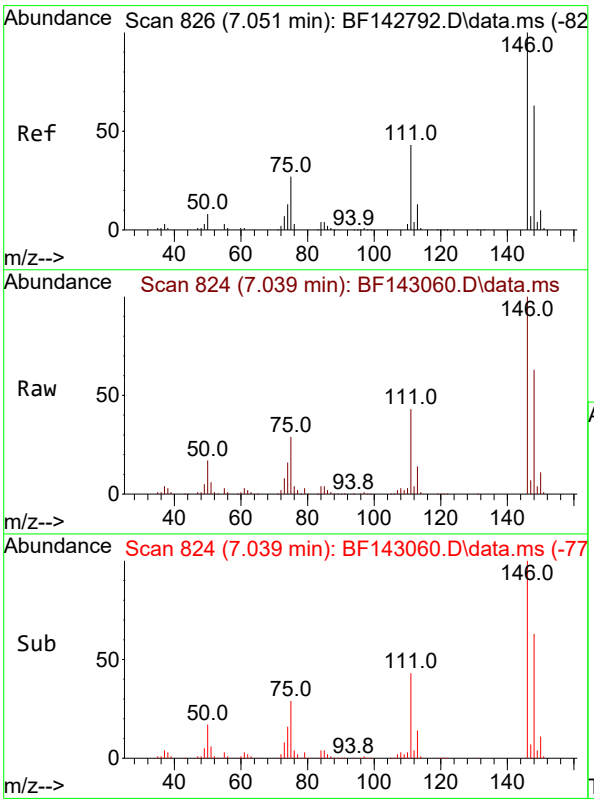
#13
1,4-Dichlorobenzene
Concen: 44.958 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:146 Resp: 171179

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.2	75.2
111	41.7	33.2	49.8

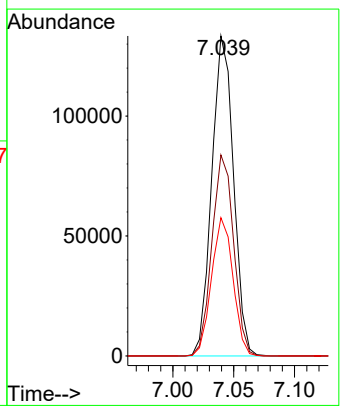


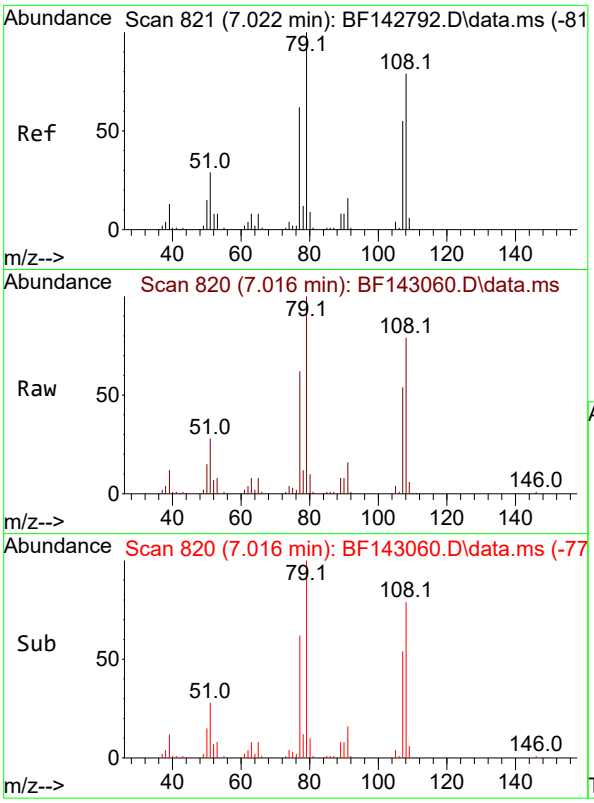


#14
1,2-Dichlorobenzene
Concen: 45.833 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:146 Resp: 165519

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	43.2	34.1	51.1



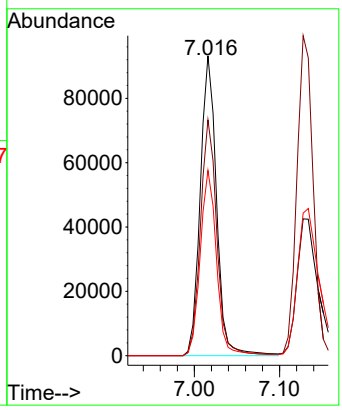


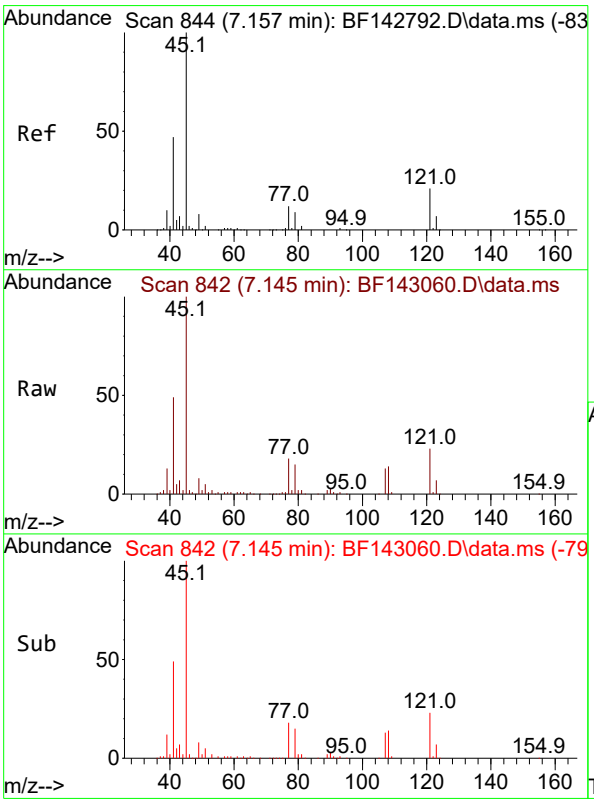
#15
Benzyl Alcohol
Concen: 46.406 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 79 Resp: 123812

Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.4	95.0
77	61.8	49.5	74.3

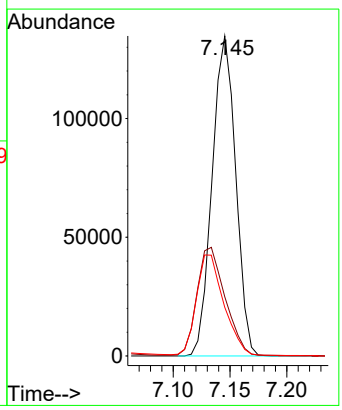


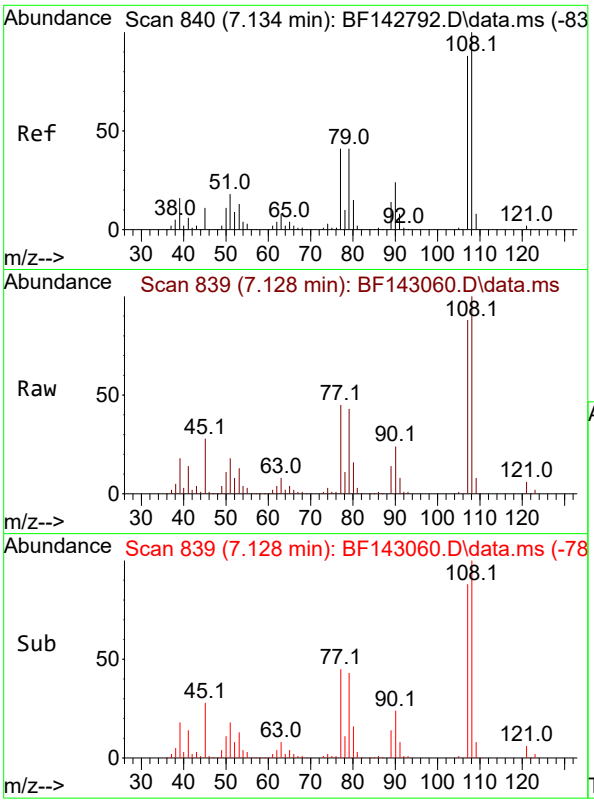


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.290 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 45 Resp: 194506

Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	32.8
79	15.2	0.0	29.8



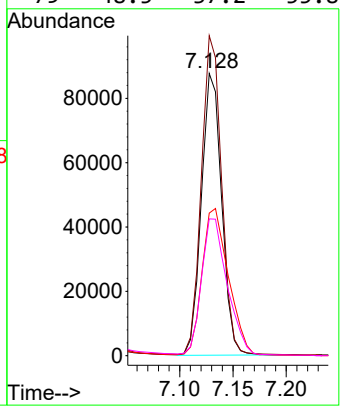


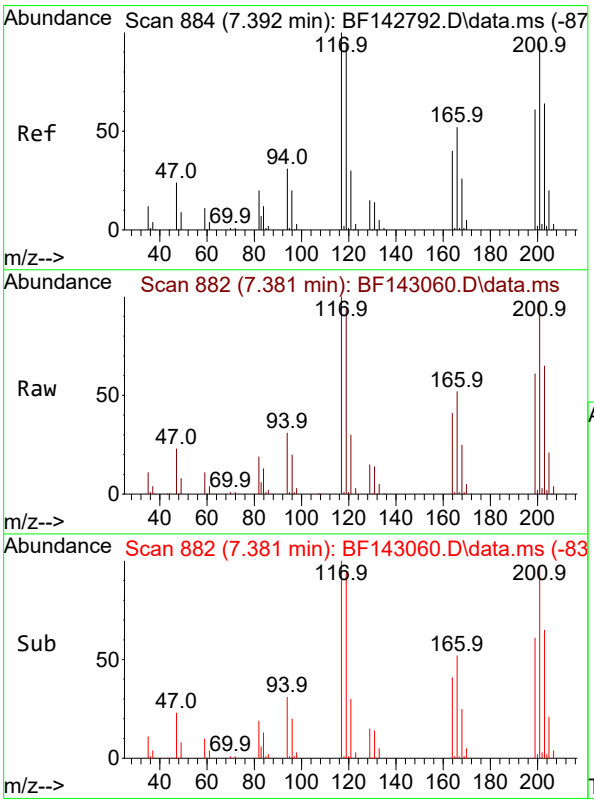
#17
2-Methylphenol
Concen: 45.422 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:107 Resp: 116151

Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.9	136.3
77	50.5	37.3	55.9
79	48.5	37.2	55.8

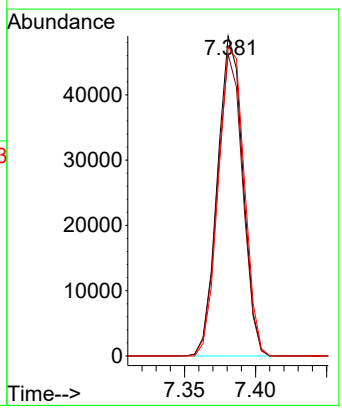


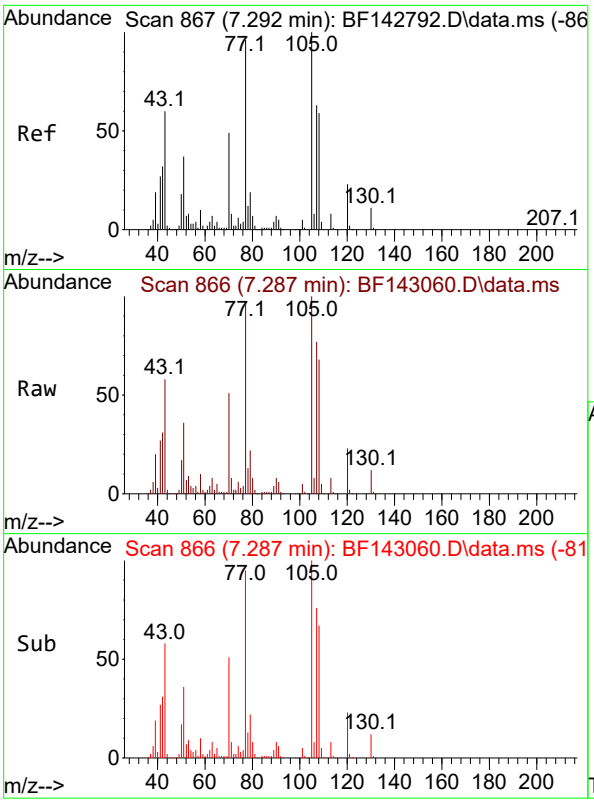


#18
Hexachloroethane
Concen: 45.738 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:117 Resp: 60912

Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.4	113.0
201	96.5	75.9	113.9



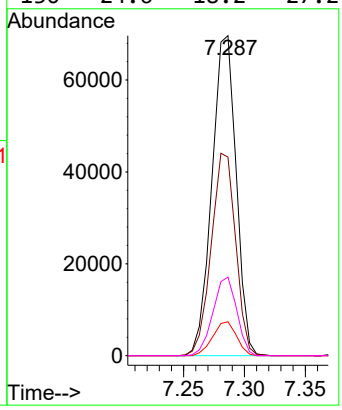


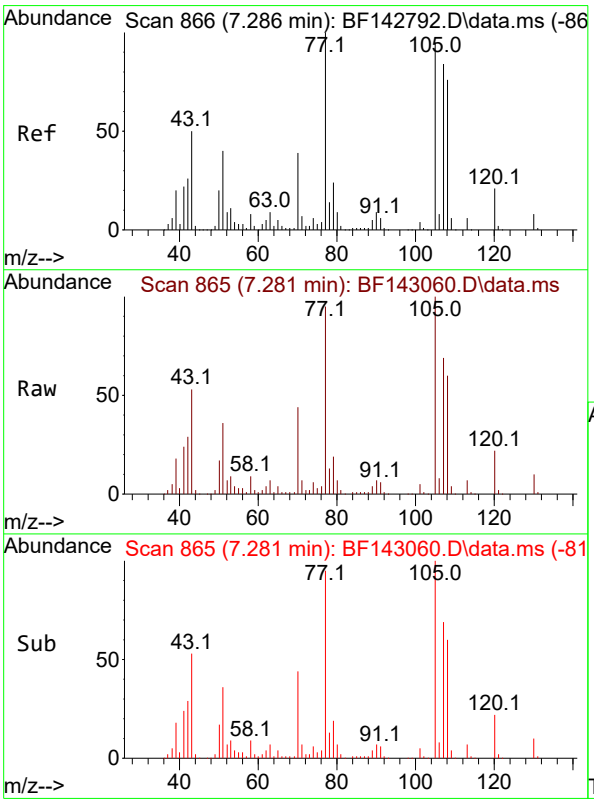
#19
n-Nitroso-di-n-propylamine
Concen: 44.998 ng
RT: 7.287 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 70 Resp: 96586

Ion	Ratio	Lower	Upper
70	100		
42	62.1	52.1	78.1
101	10.6	8.2	12.2
130	24.6	18.2	27.2

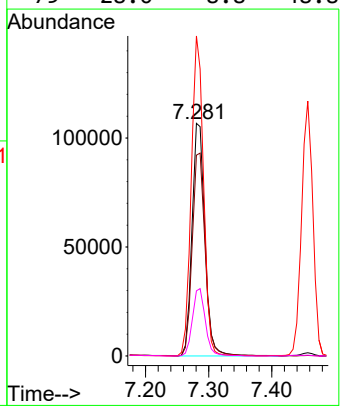


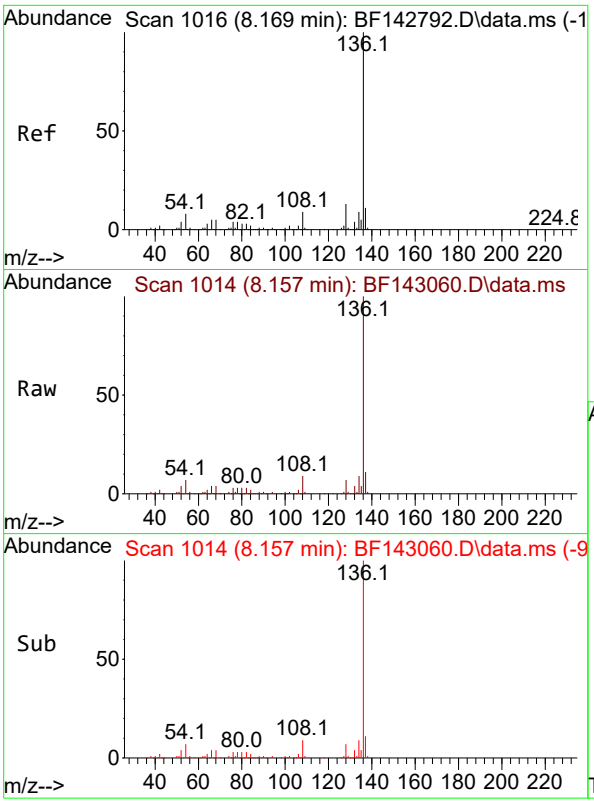


#20
3+4-Methylphenols
Concen: 47.431 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:107 Resp: 151225

Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.0	110.0
77	137.6	98.5	138.5
79	28.0	8.8	48.8



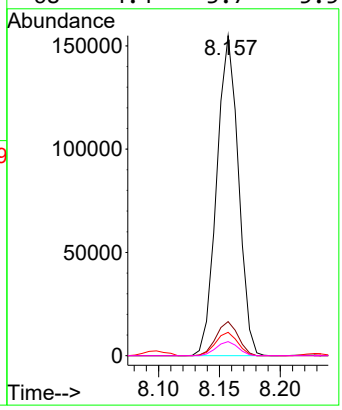


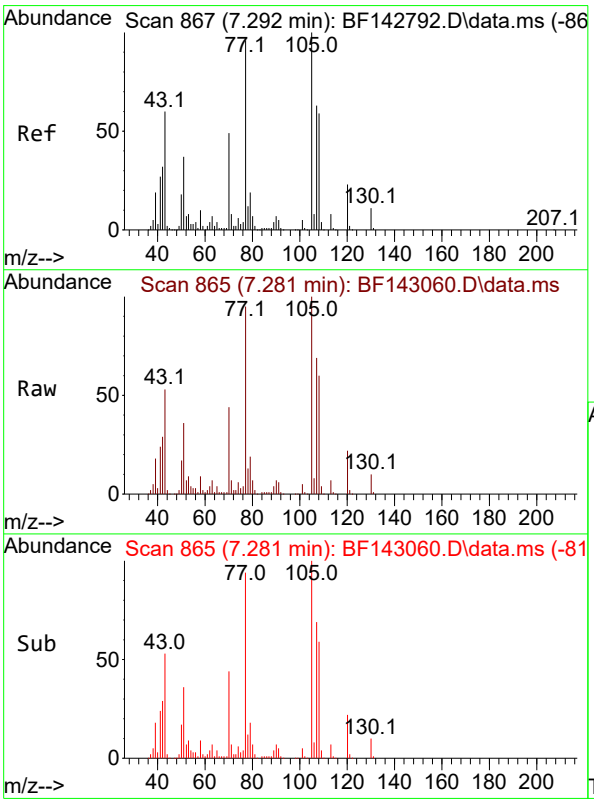
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:136 Resp: 191892

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.3	6.3	9.5
68	4.4	3.7	5.5

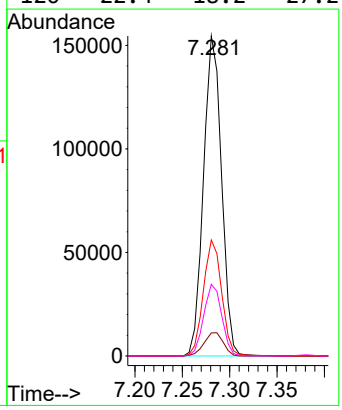


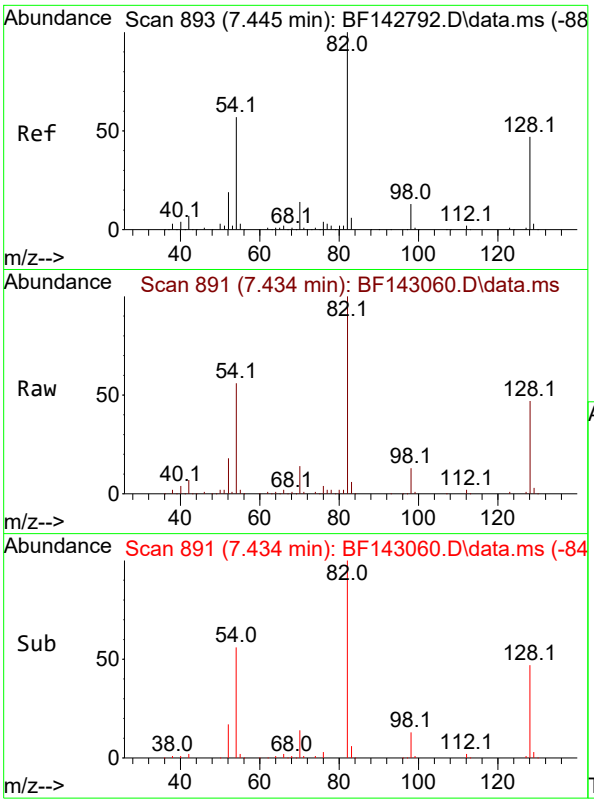


#22
Acetophenone
Concen: 48.271 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:105 Resp: 204260

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.5	9.7
51	36.3	29.8	44.8
120	22.4	18.2	27.2



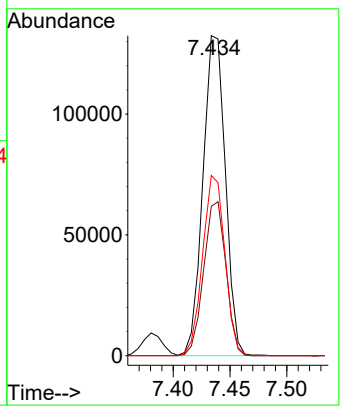


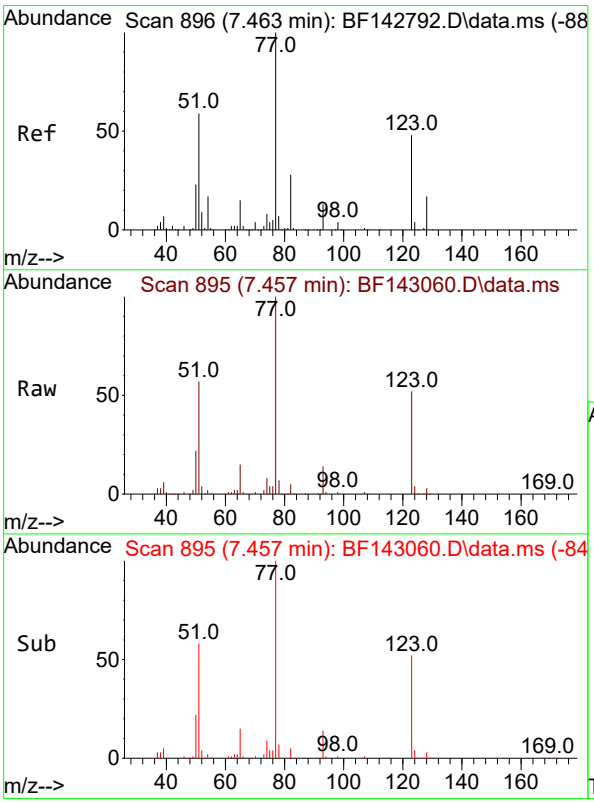
#23
Nitrobenzene-d5
Concen: 52.104 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 82 Resp: 182282

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.7	56.5
54	56.3	45.7	68.5

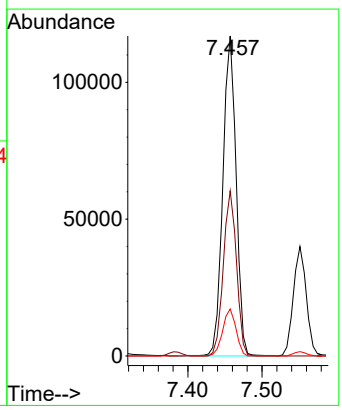


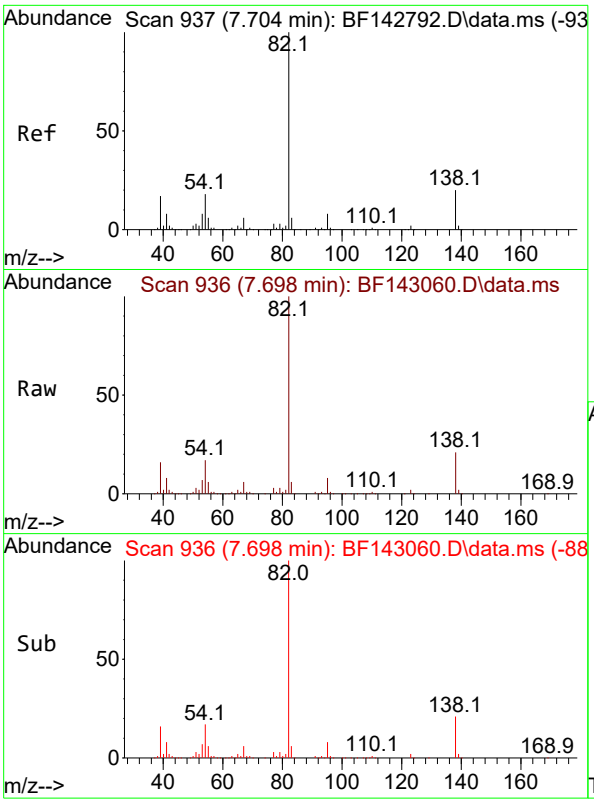


#24
Nitrobenzene
Concen: 45.971 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 77 Resp: 145564

Ion	Ratio	Lower	Upper
77	100		
123	51.6	39.2	58.8
65	14.7	11.6	17.4



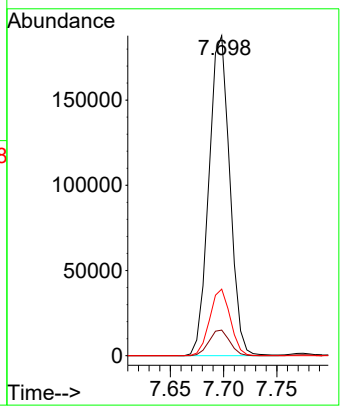


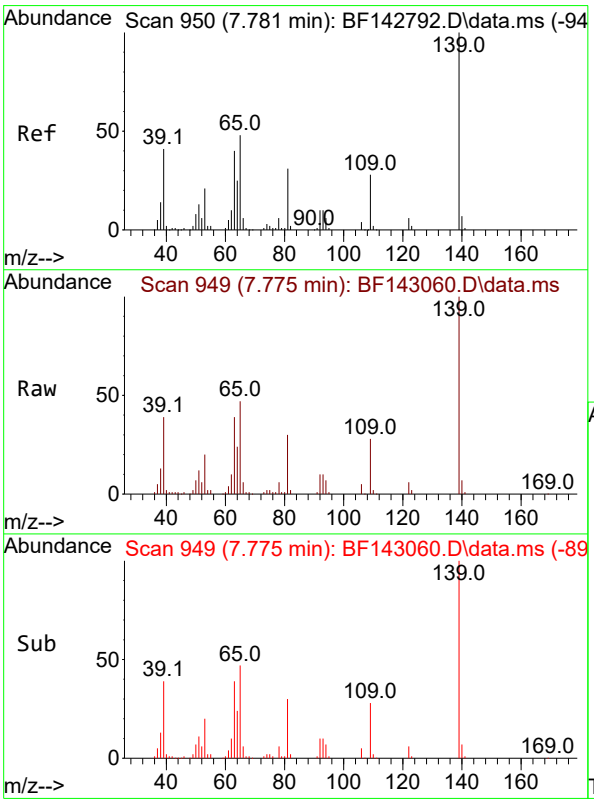
#25
Isophorone
Concen: 45.681 ng
RT: 7.698 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 82 Resp: 256365

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.2	9.2
138	20.8	16.2	24.4

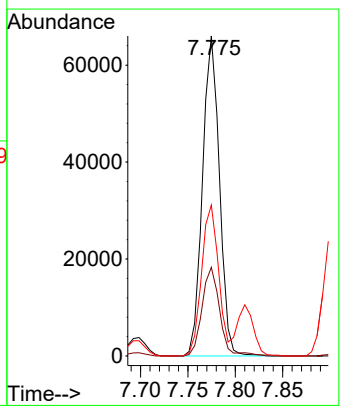


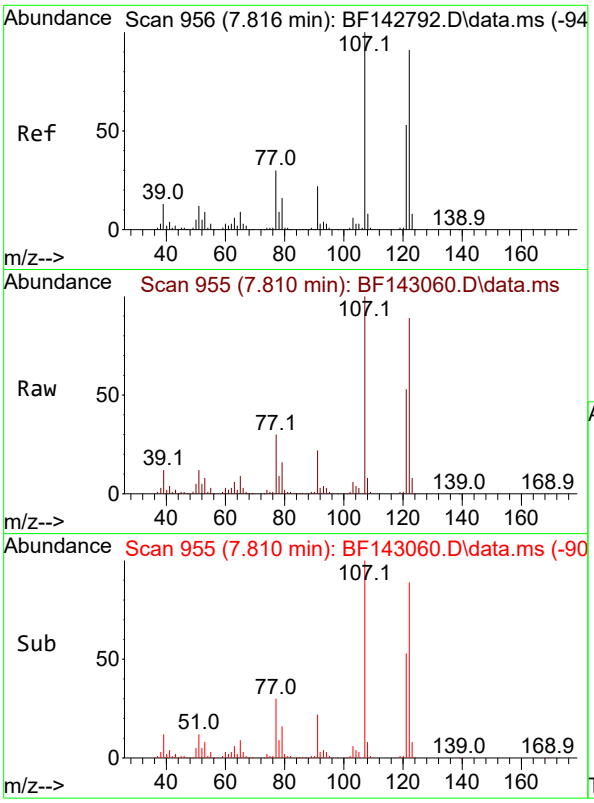


#26
2-Nitrophenol
Concen: 47.554 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:139 Resp: 82025

Ion	Ratio	Lower	Upper
139	100		
109	27.7	22.7	34.1
65	47.1	38.6	58.0



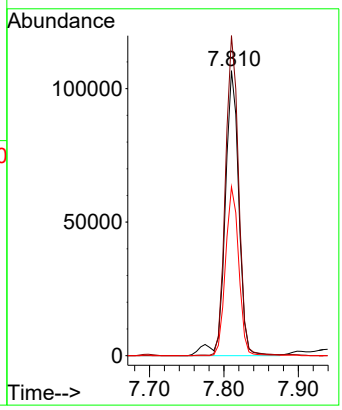


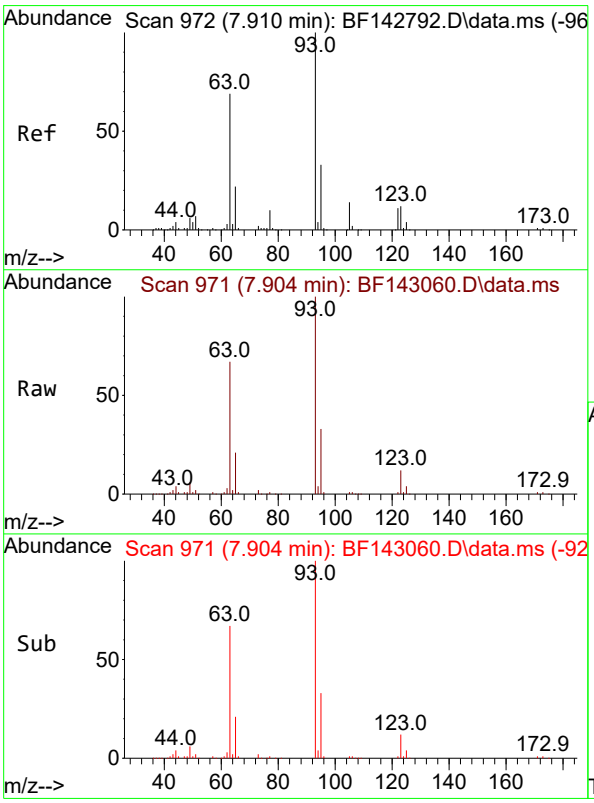
#27
2,4-Dimethylphenol
Concen: 45.773 ng m
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:122 Resp: 136760

Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.0	132.0
121	59.2	46.3	69.5

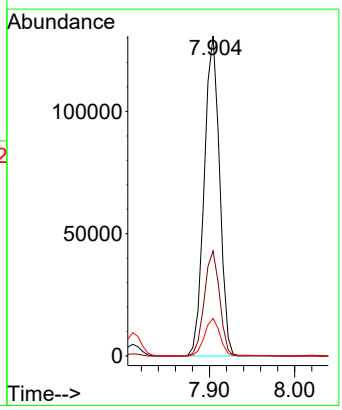


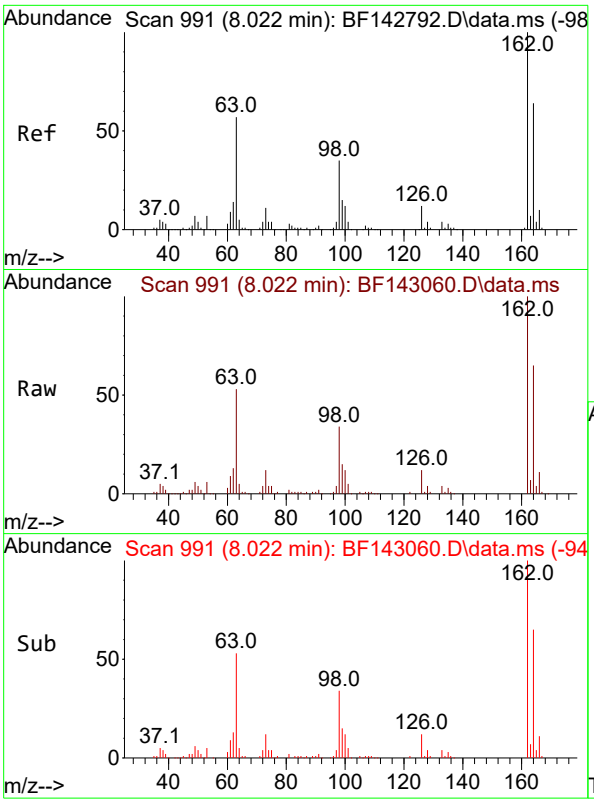


#28
bis(2-Chloroethoxy)methane
Concen: 45.959 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 93 Resp: 163975

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	11.8	9.9	14.9



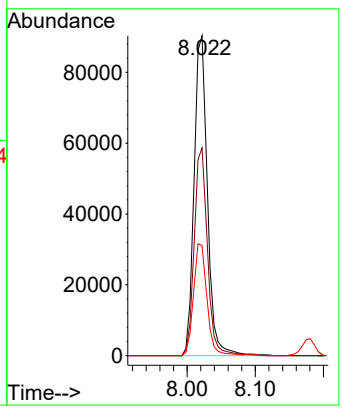


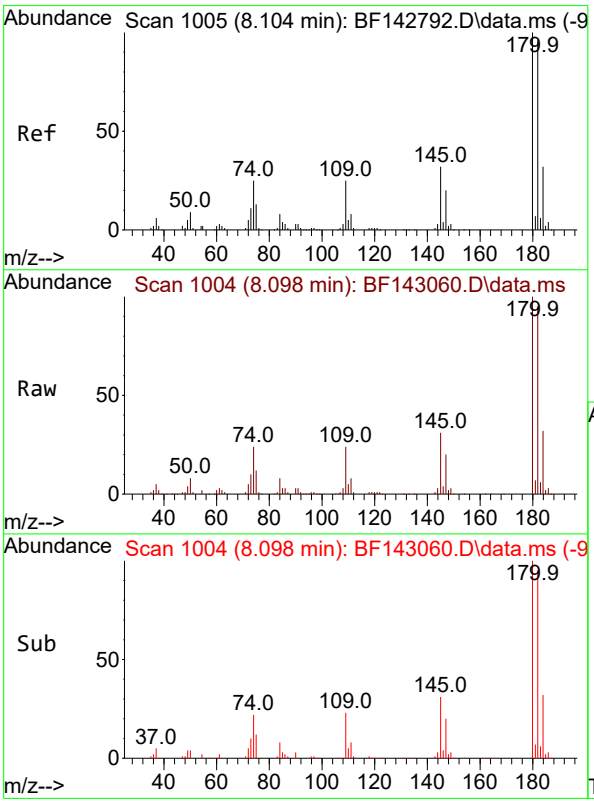
#29
2,4-Dichlorophenol
Concen: 45.461 ng
RT: 8.022 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:162 Resp: 123158

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.0	84.0
98	34.5	15.4	55.4

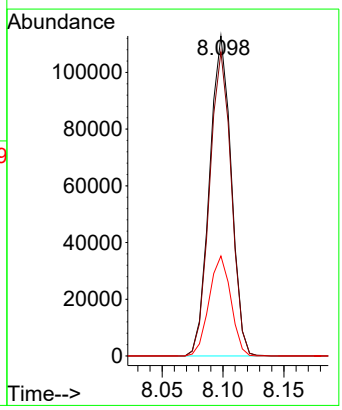


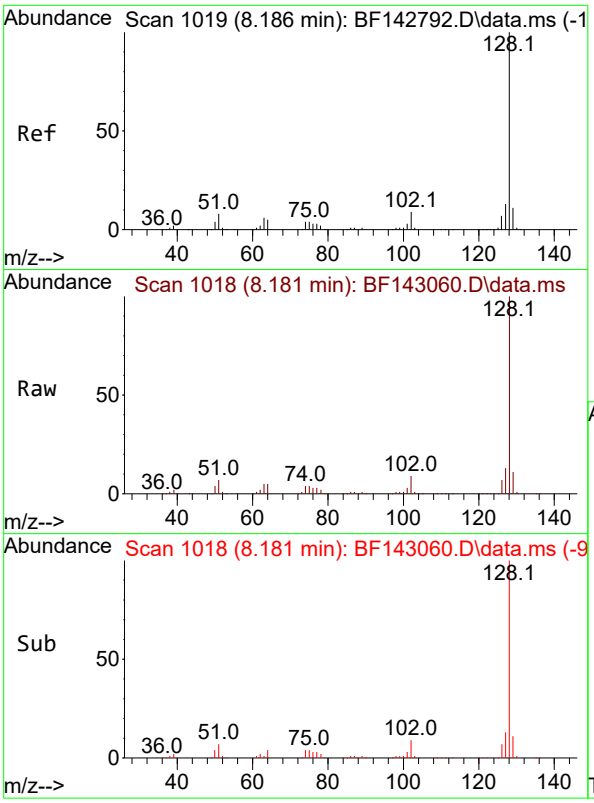


#30
1,2,4-Trichlorobenzene
Concen: 46.850 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:180 Resp: 139564

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	31.3	25.8	38.8



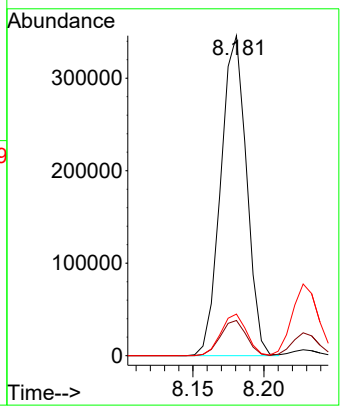


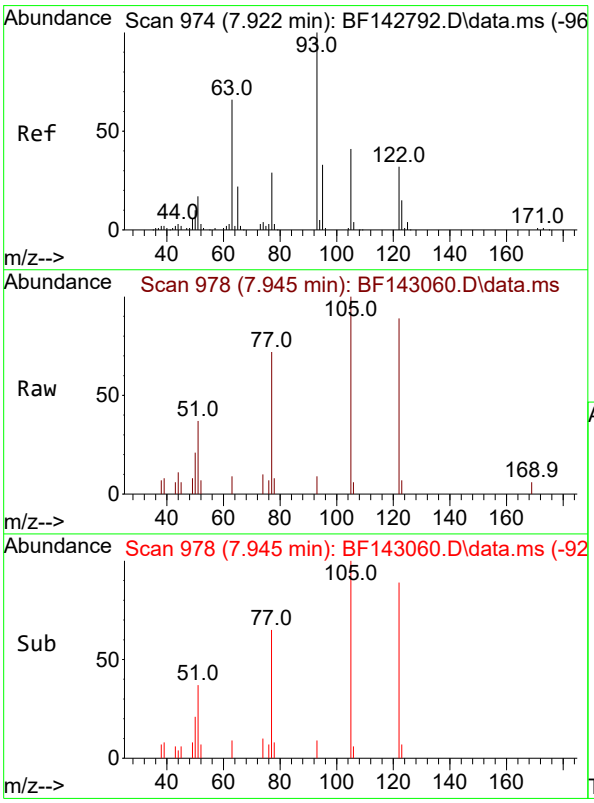
#31
Naphthalene
Concen: 46.466 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:128 Resp: 436443

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.0	10.4	15.6

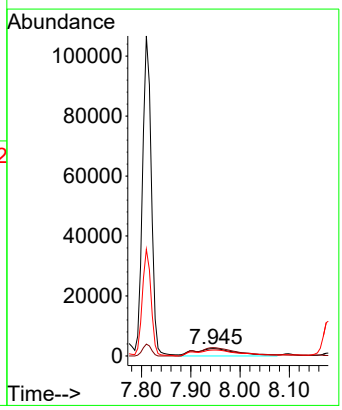


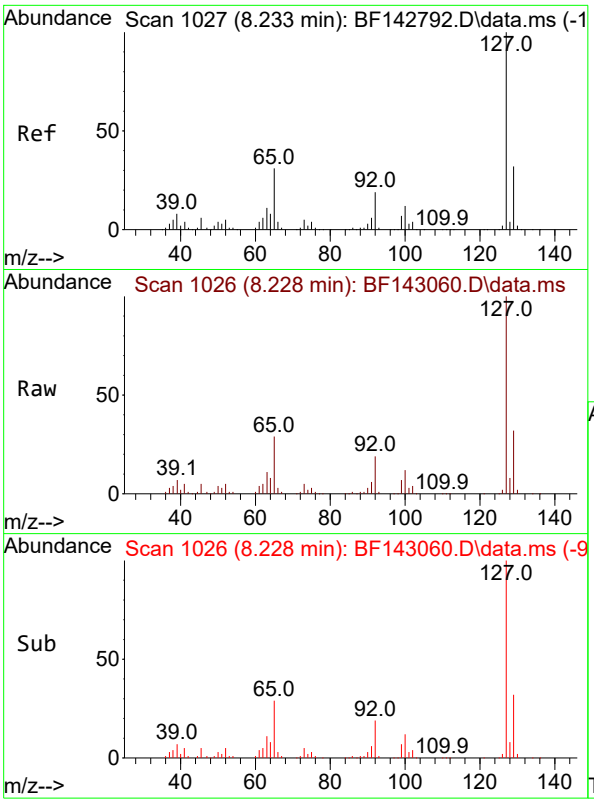


#32
Benzoic acid
Concen: 9.782 ng m
RT: 7.945 min Scan# 978
Delta R.T. 0.024 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:122 Resp: 14897

Ion	Ratio	Lower	Upper
122	100		
105	112.6	104.7	144.7
77	81.2	70.2	110.2



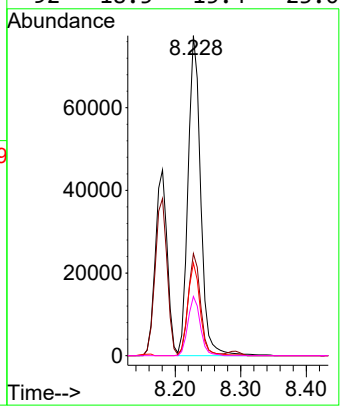


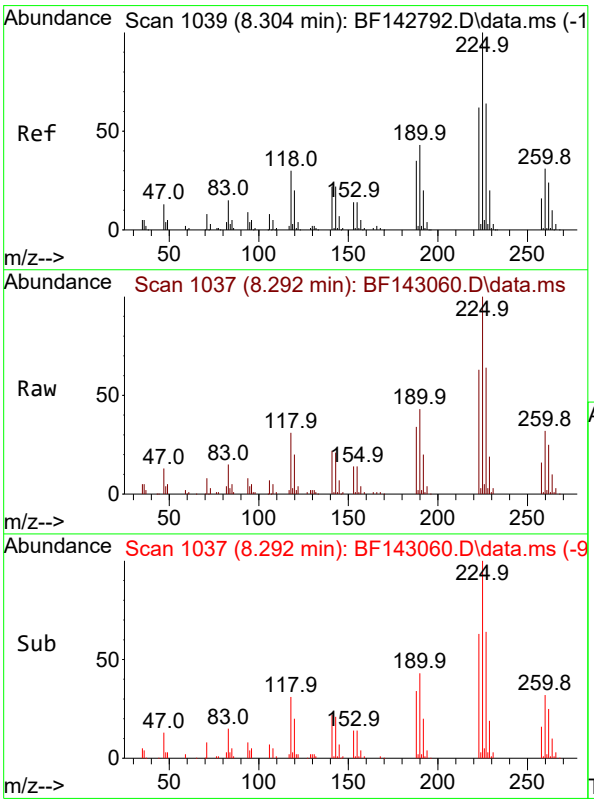
#33
4-Chloroaniline
Concen: 27.062 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:127 Resp: 103359

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.0	24.6	36.8
92	18.5	15.4	23.0

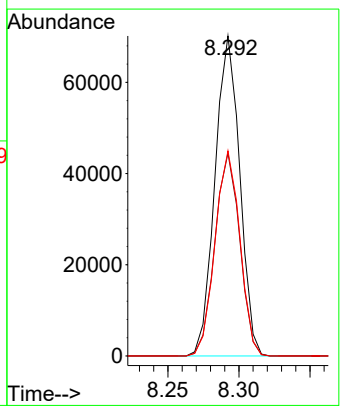


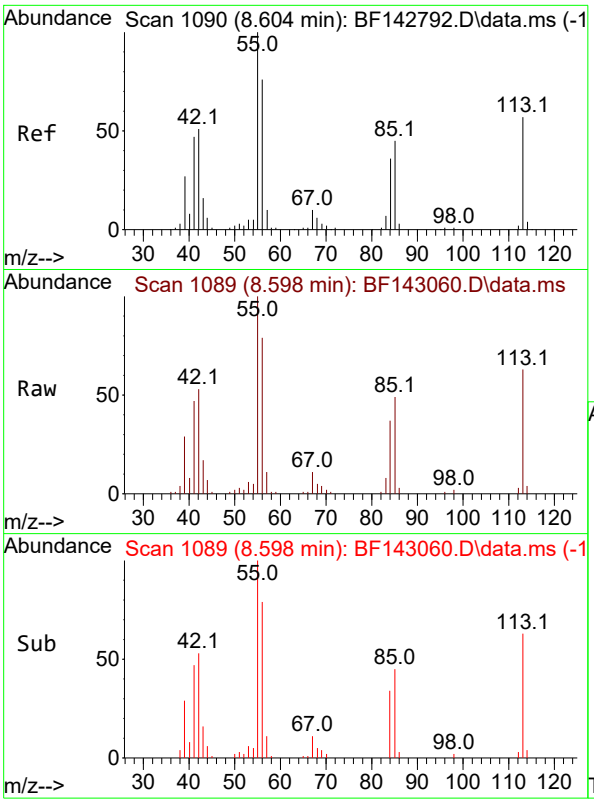


#34
Hexachlorobutadiene
Concen: 46.640 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:225 Resp: 84985

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.9	74.9
227	64.1	51.4	77.0



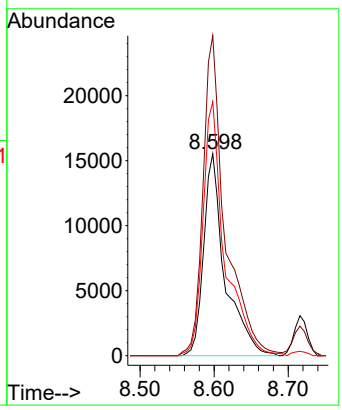


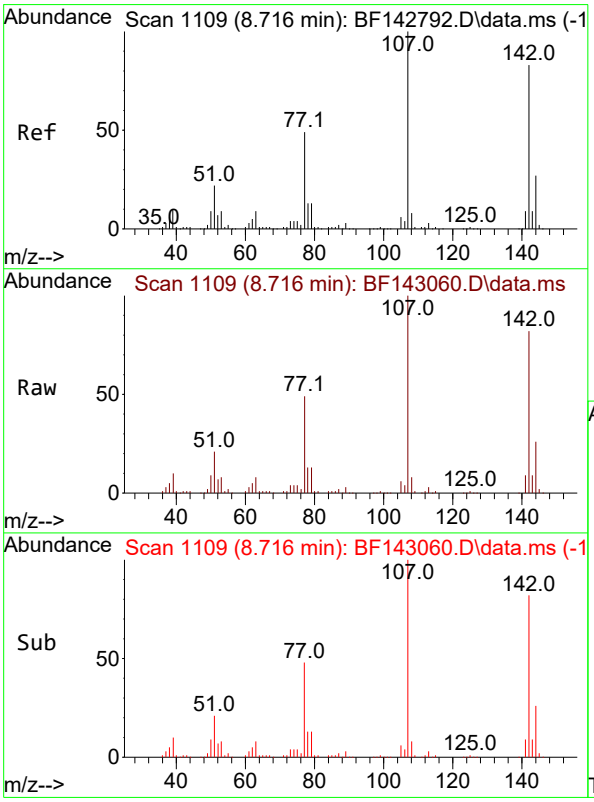
#35
Caprolactam
Concen: 43.444 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:113 Resp: 31057

Ion	Ratio	Lower	Upper
113	100		
55	158.5	154.4	194.4
56	125.9	112.1	152.1

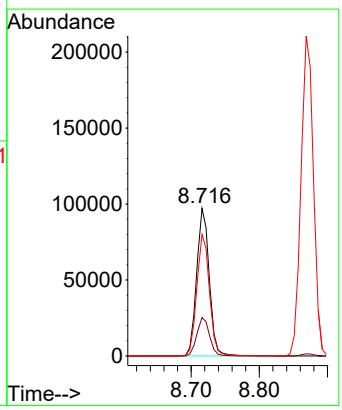


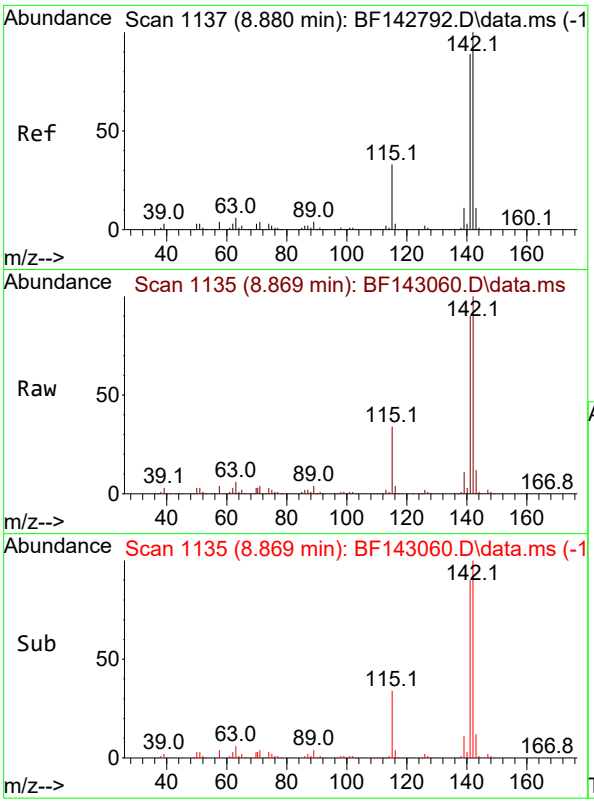


#36
4-Chloro-3-methylphenol
Concen: 46.223 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:107 Resp: 124451

Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.3	31.9
142	82.3	66.6	100.0



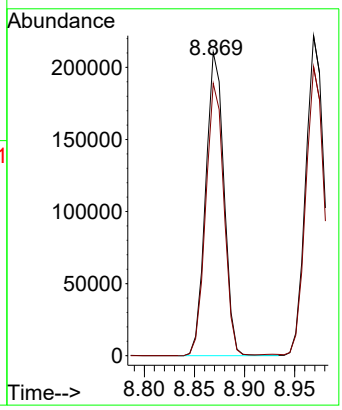


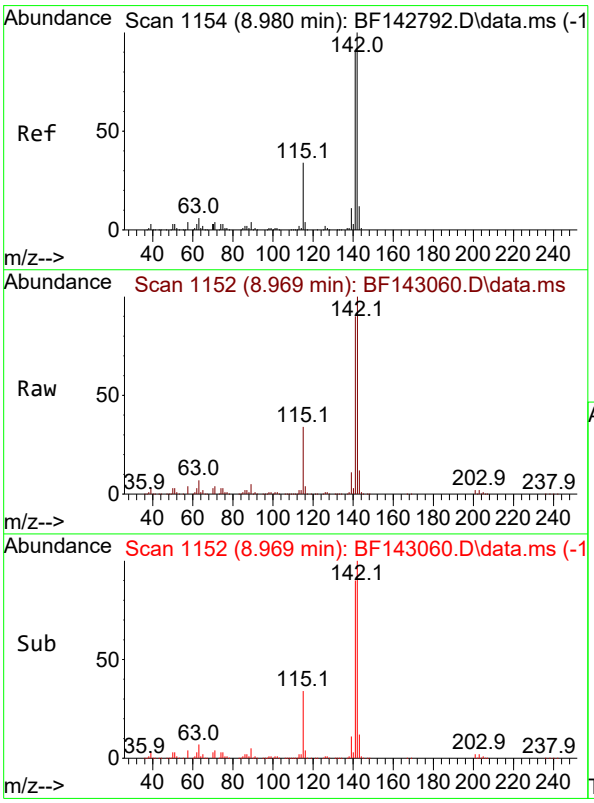
#37
2-Methylnaphthalene
Concen: 45.855 ng
RT: 8.869 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:142 Resp: 267024

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3

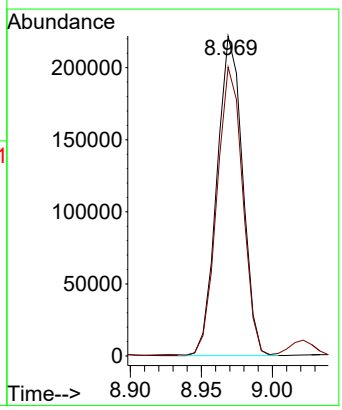


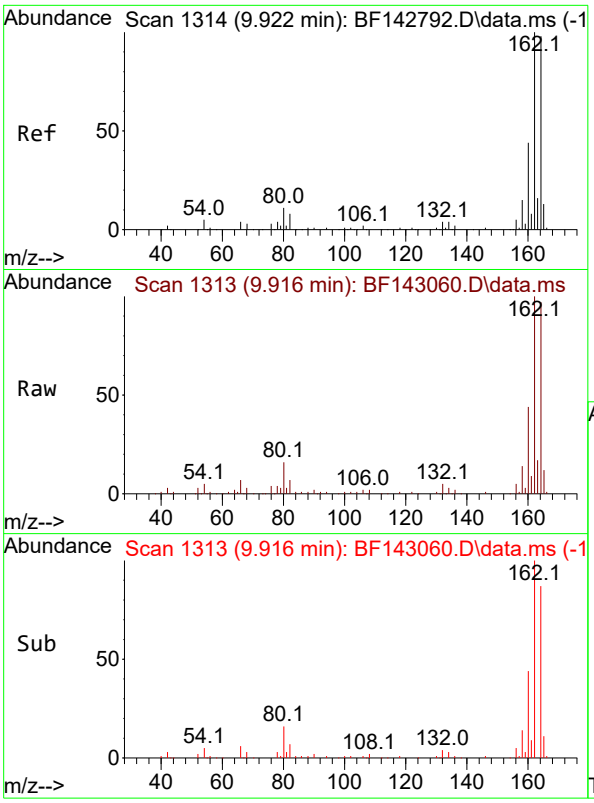


#38
1-Methylnaphthalene
Concen: 46.147 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:142 Resp: 278180

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.4



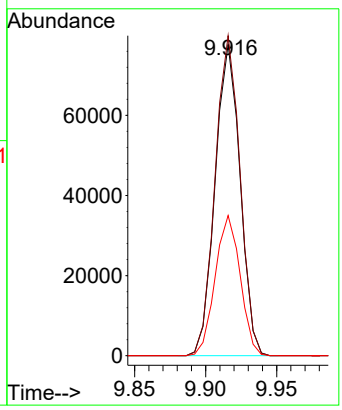


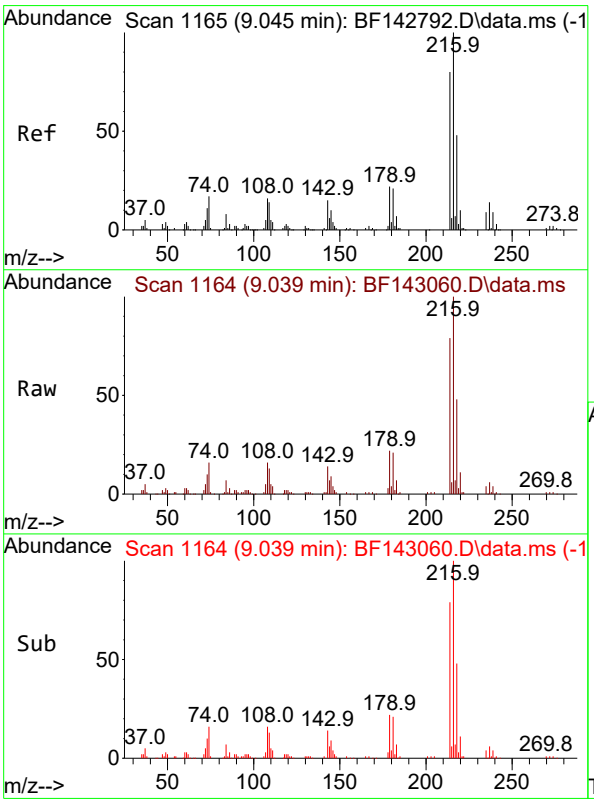
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:164 Resp: 94721

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.1	36.0	54.0

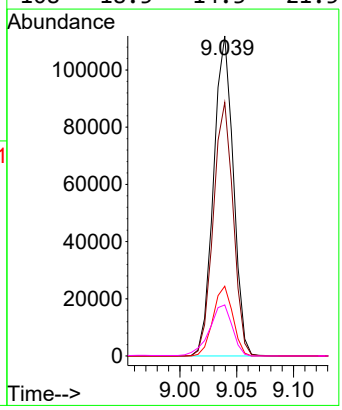


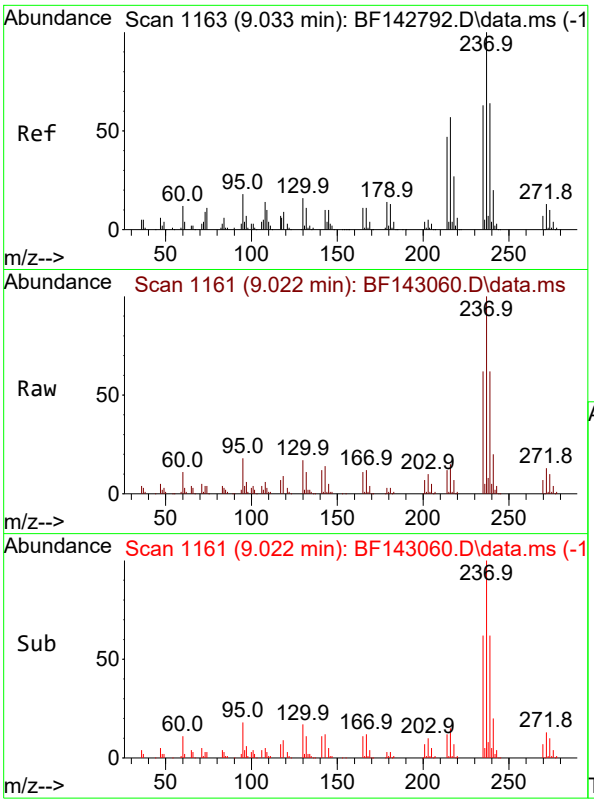


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.556 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:216 Resp: 135710

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.7	95.5
179	21.7	17.6	26.4
108	18.5	14.3	21.5



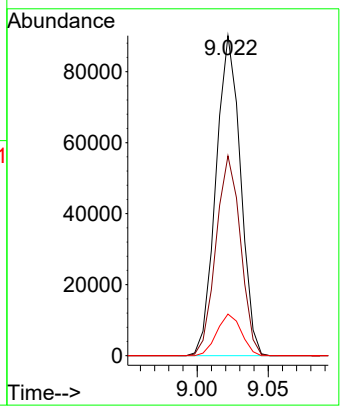


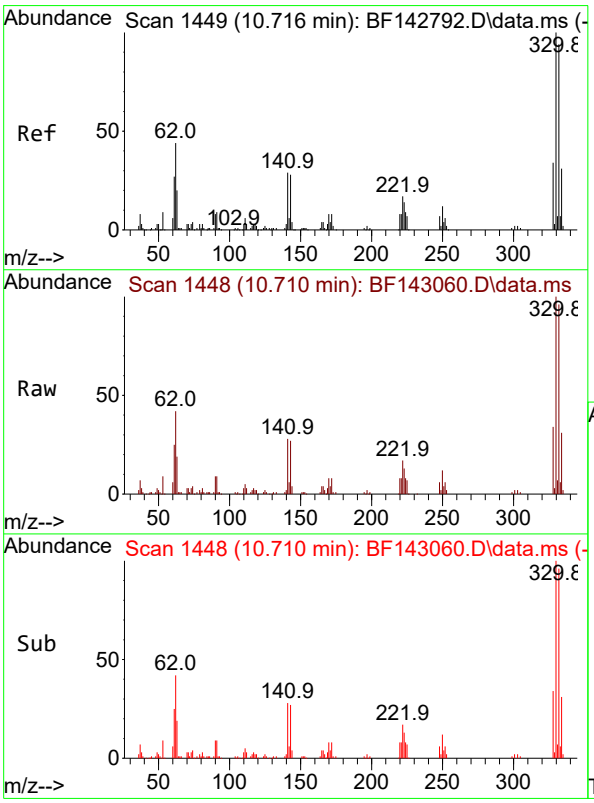
#41
Hexachlorocyclopentadiene
Concen: 68.160 ng
RT: 9.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:237 Resp: 108106

Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.4	83.4
272	13.0	0.0	32.7

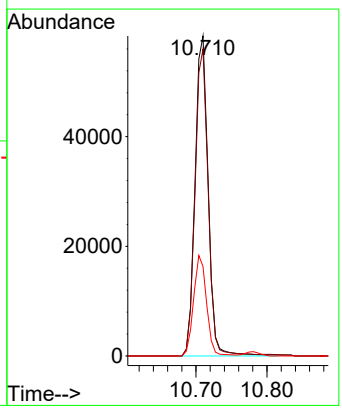


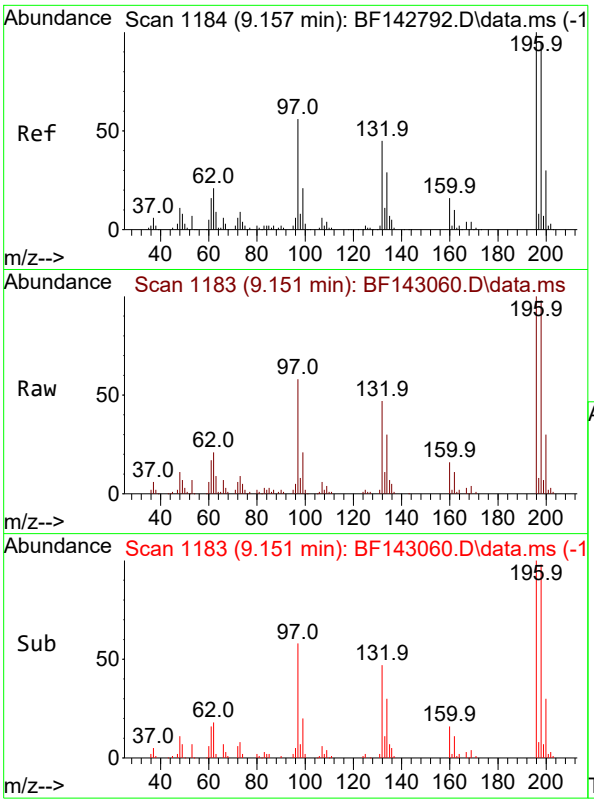


#42
2,4,6-Tribromophenol
Concen: 77.303 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:330 Resp: 75351

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.0	112.6
141	30.9	25.3	37.9



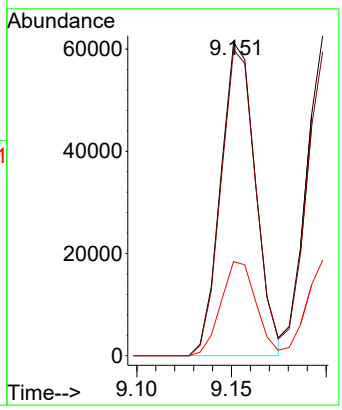


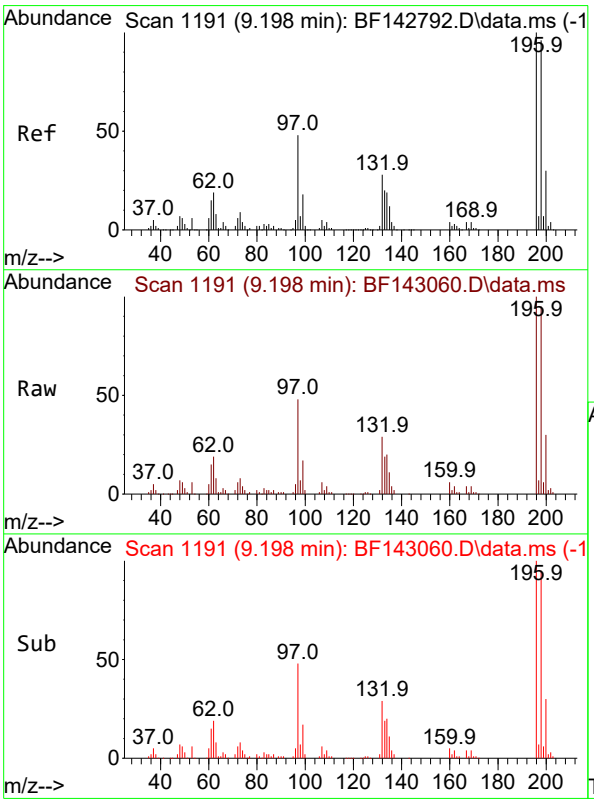
#43
2,4,6-Trichlorophenol
Concen: 42.932 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:196 Resp: 78190

Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.2	114.2
200	30.0	24.1	36.1

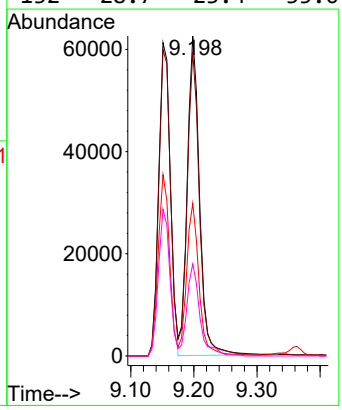


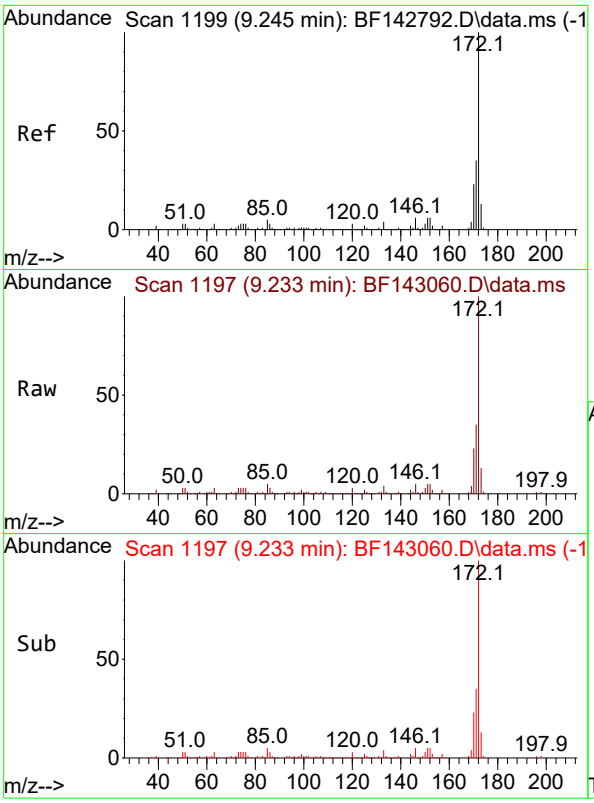


#44
2,4,5-Trichlorophenol
Concen: 44.287 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:196 Resp: 84906

Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.6	115.0
97	47.7	38.2	57.2
132	28.7	23.4	35.0



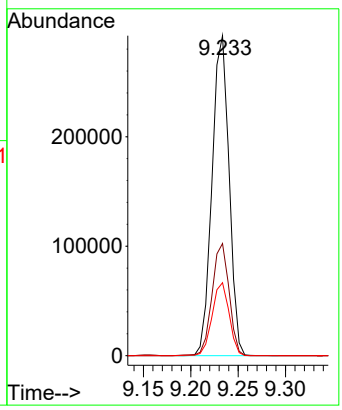


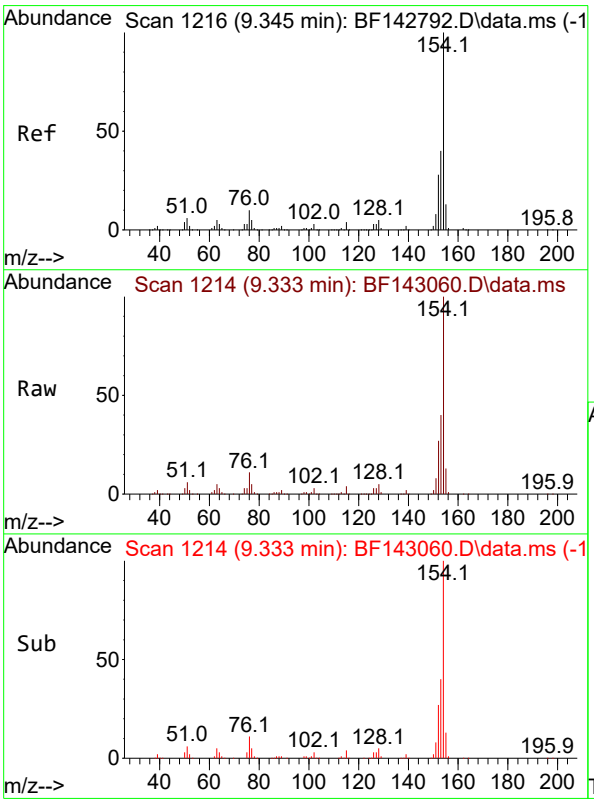
#45
2-Fluorobiphenyl
Concen: 50.628 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:172 Resp: 365046

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	22.8	18.5	27.7

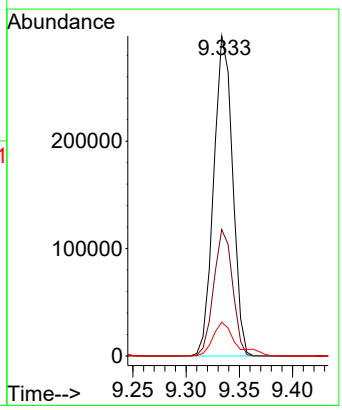


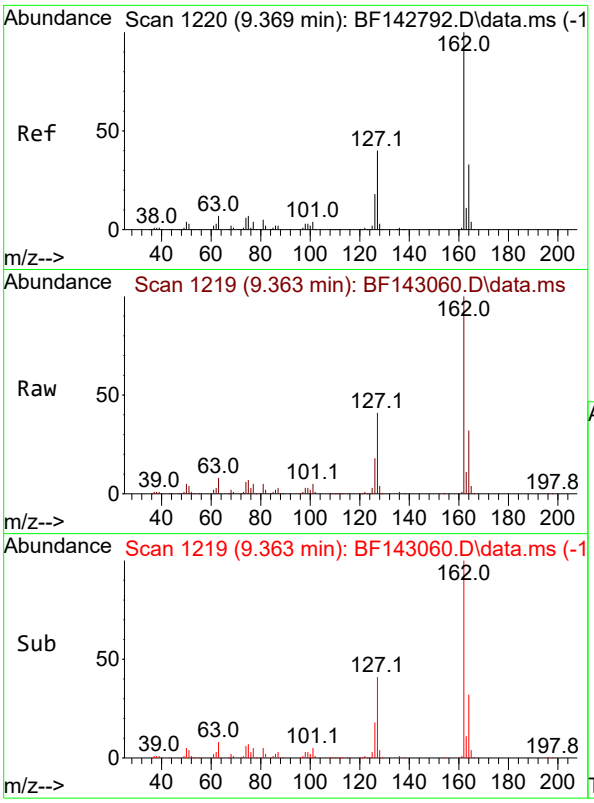


#46
1,1'-Biphenyl
Concen: 48.975 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:154 Resp: 366451

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	10.6	0.0	30.3



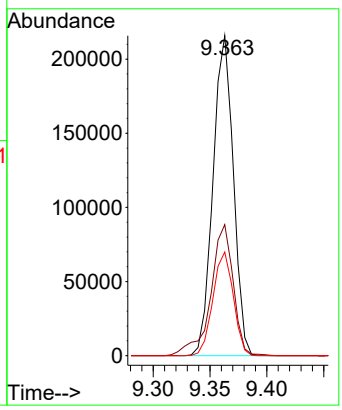


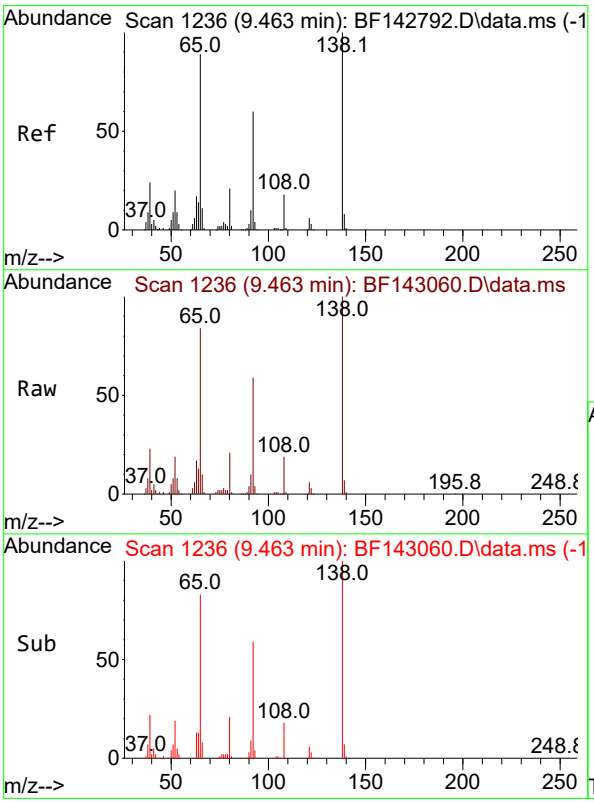
#47
2-Chloronaphthalene
Concen: 47.915 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:162 Resp: 269042

Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.2	48.2
164	32.4	26.1	39.1

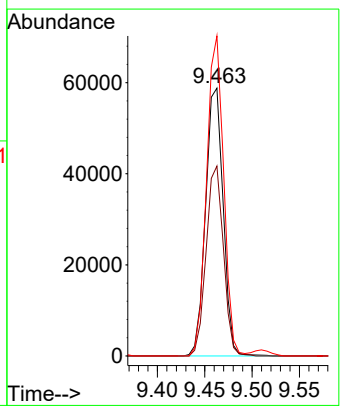


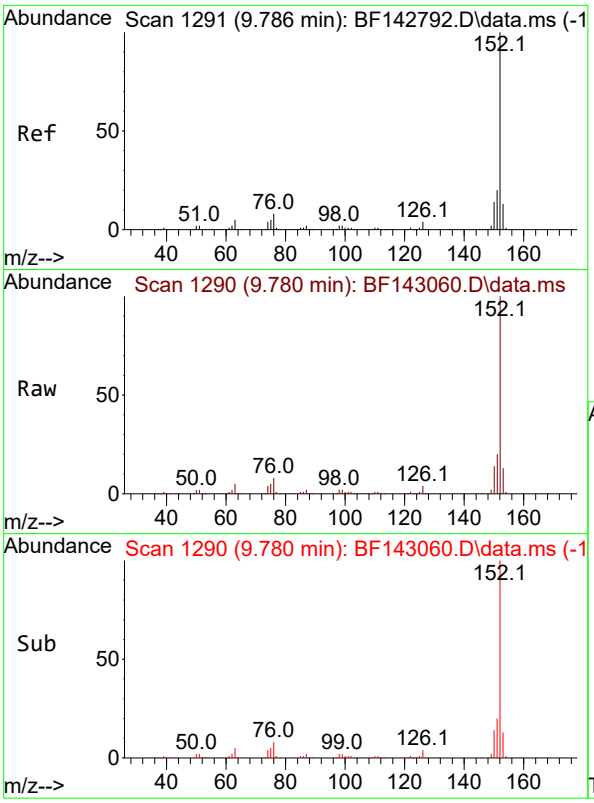


#48
2-Nitroaniline
Concen: 48.261 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion: 65 Resp: 75973

Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.8	80.6
138	119.5	89.6	134.4



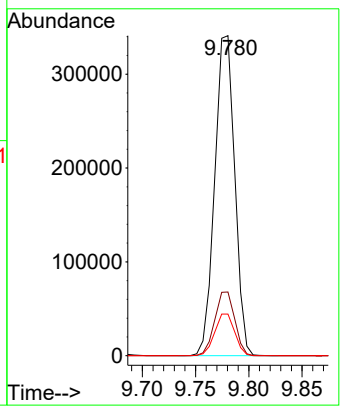


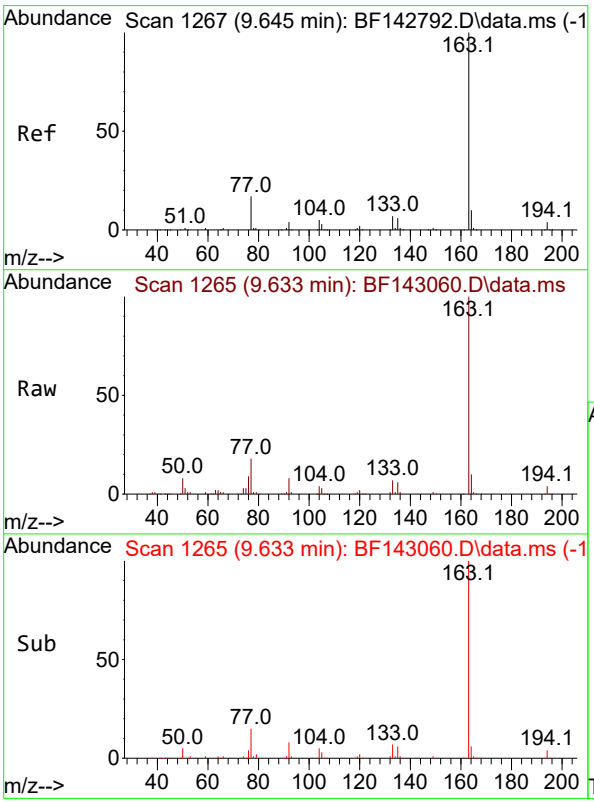
#49
Acenaphthylene
Concen: 48.189 ng
RT: 9.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:152 Resp: 445436

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	13.0	10.4	15.6

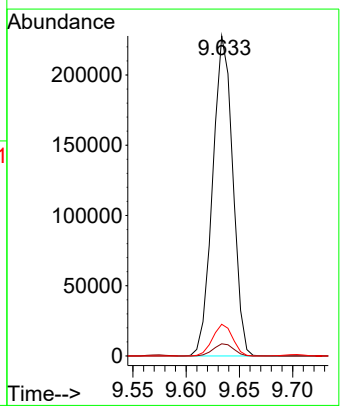


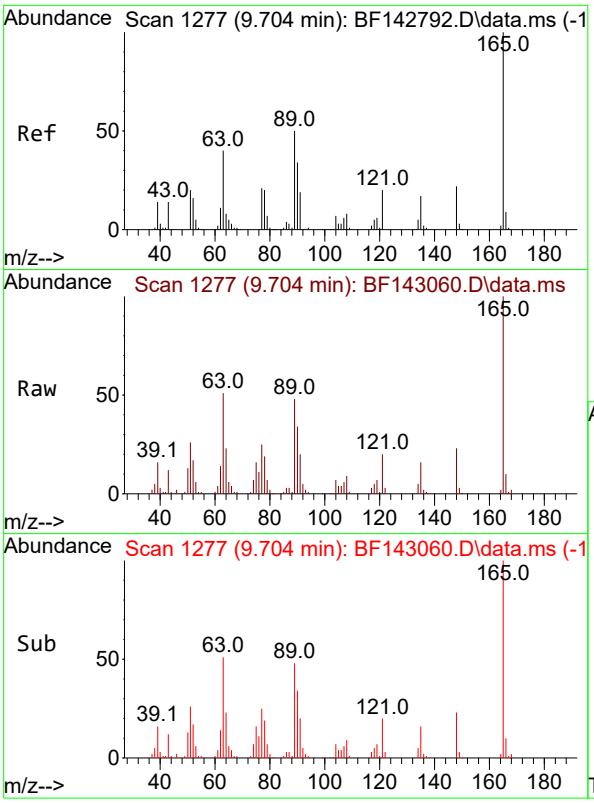


#50
Dimethylphthalate
Concen: 48.871 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:163 Resp: 299646

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.9	8.0	12.0



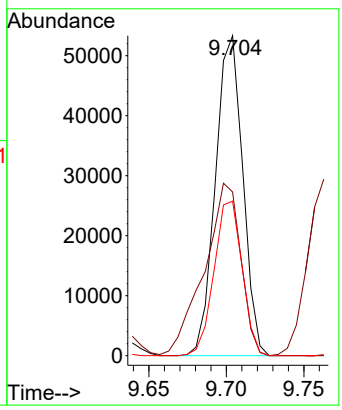


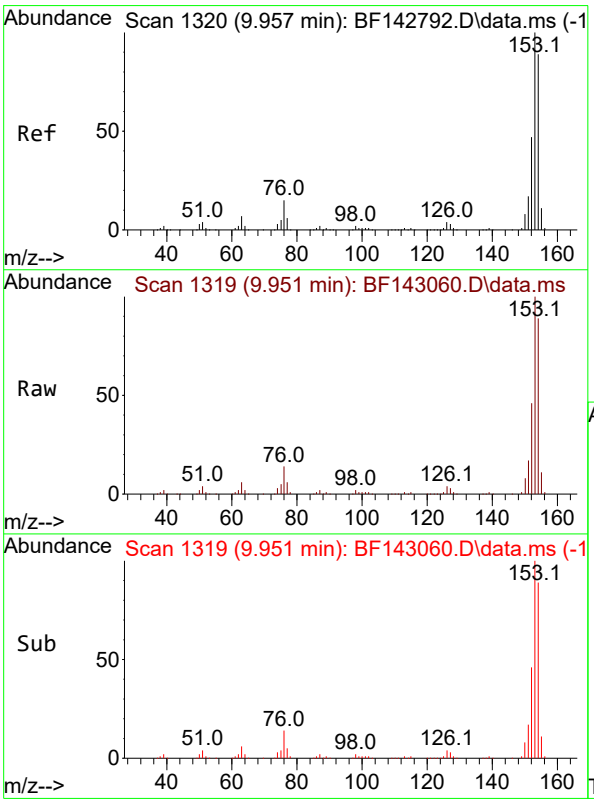
#51
2,6-Dinitrotoluene
Concen: 48.656 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:165 Resp: 65515

Ion	Ratio	Lower	Upper
165	100		
63	51.1	44.2	66.4
89	48.3	39.8	59.8

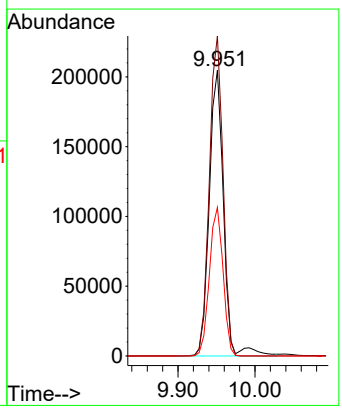


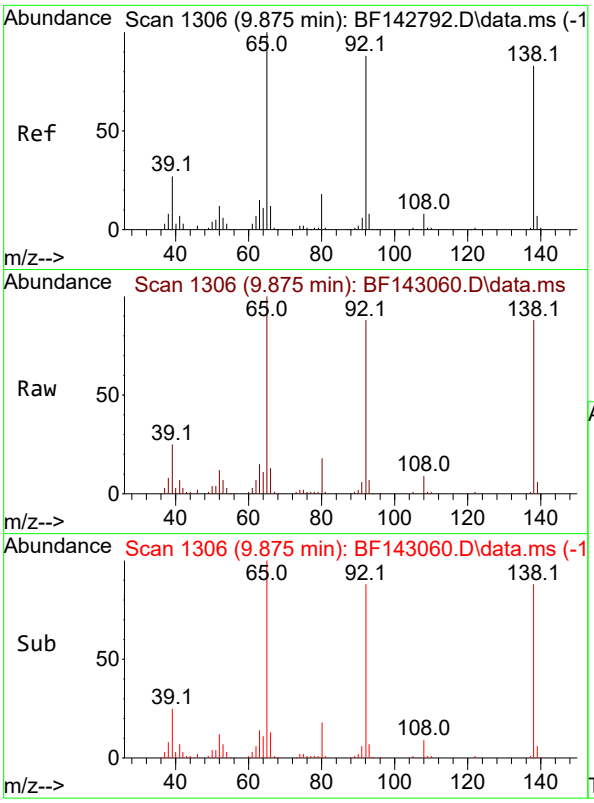


#52
Acenaphthene
Concen: 46.653 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:154 Resp: 263110

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.0	135.0
152	52.0	41.9	62.9



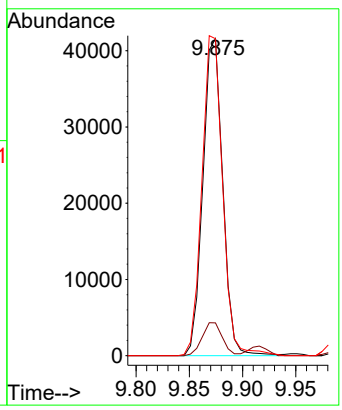


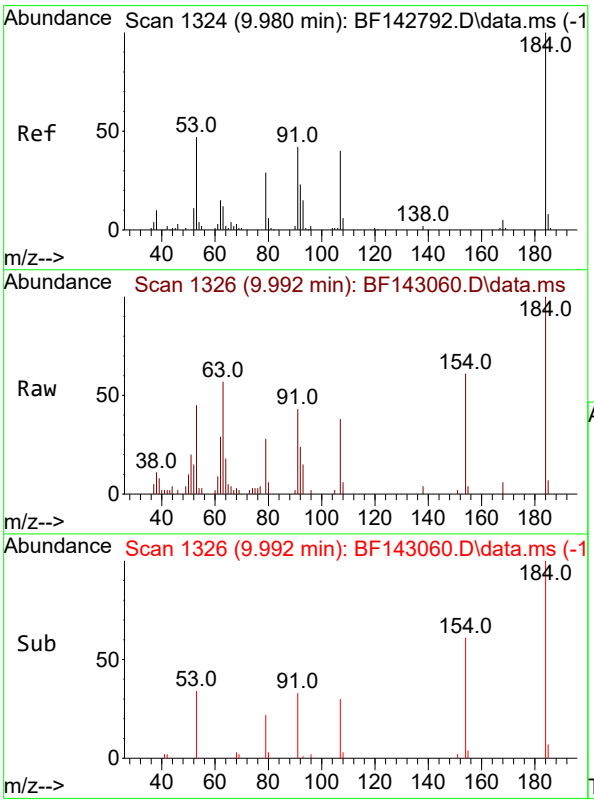
#53
3-Nitroaniline
Concen: 36.438 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:138 Resp: 54019

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	100.0	85.1	127.7

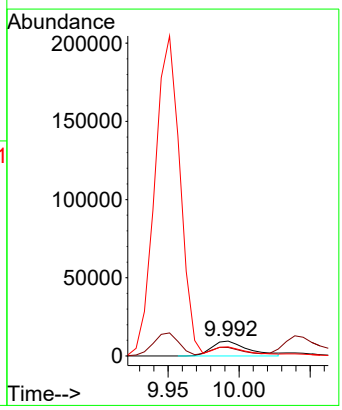


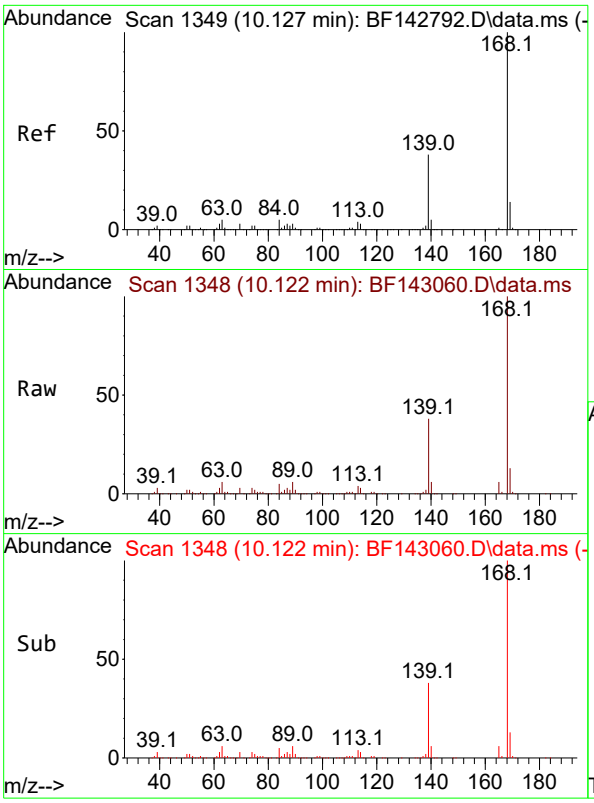


#54
2,4-Dinitrophenol
Concen: 24.947 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:184 Resp: 16820

Ion	Ratio	Lower	Upper
184	100		
63	57.0	50.6	75.8
154	60.9	51.8	77.8



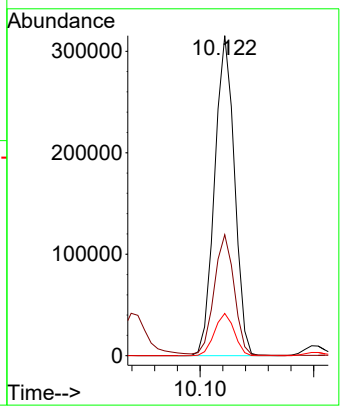


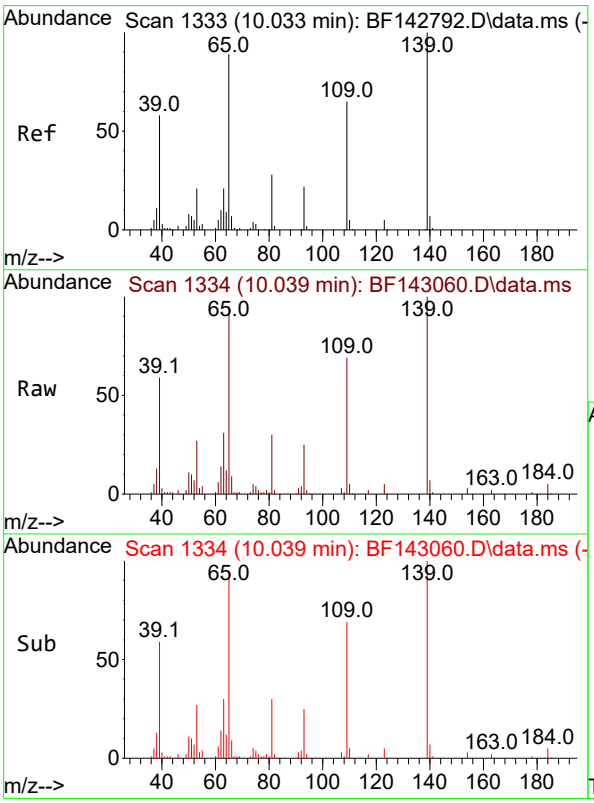
#55
Dibenzofuran
Concen: 47.308 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:168 Resp: 382589

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.4
169	13.2	10.8	16.2

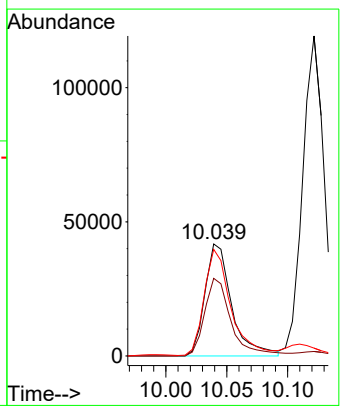


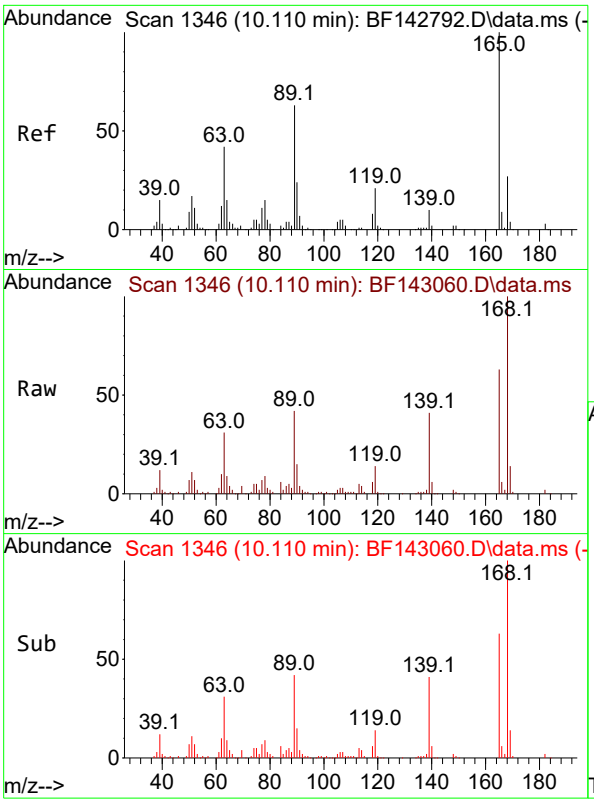


#56
4-Nitrophenol
Concen: 62.831 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:139 Resp: 63769

Ion	Ratio	Lower	Upper
139	100		
109	69.3	44.7	84.7
65	95.2	69.8	109.8



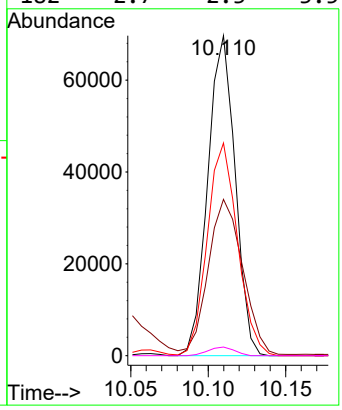


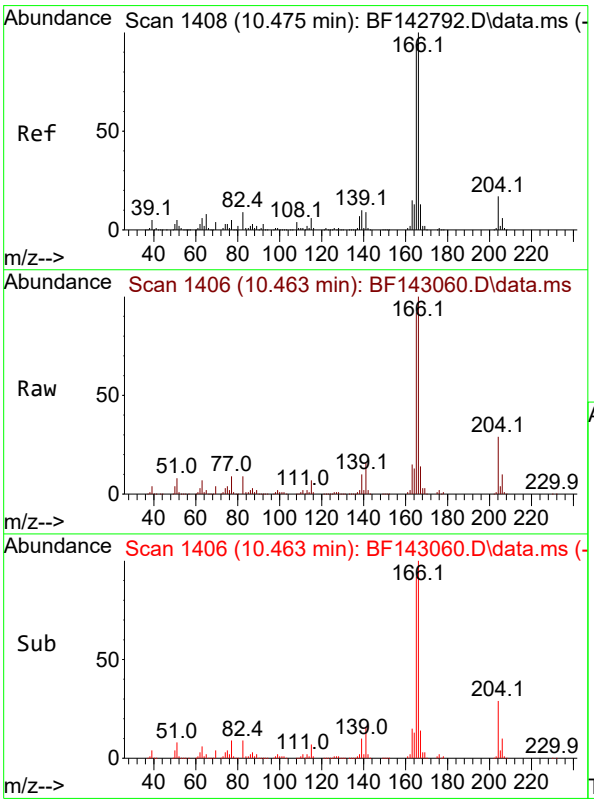
#57
2,4-Dinitrotoluene
Concen: 47.773 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:165 Resp: 85445

Ion	Ratio	Lower	Upper
165	100		
63	48.8	33.9	50.9
89	66.4	50.6	75.8
182	2.7	2.3	3.5

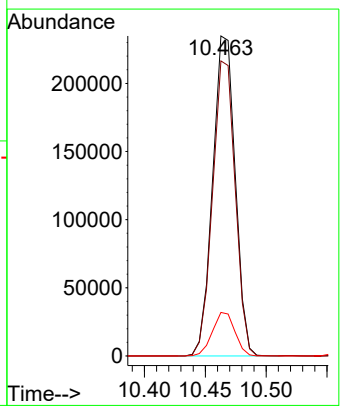


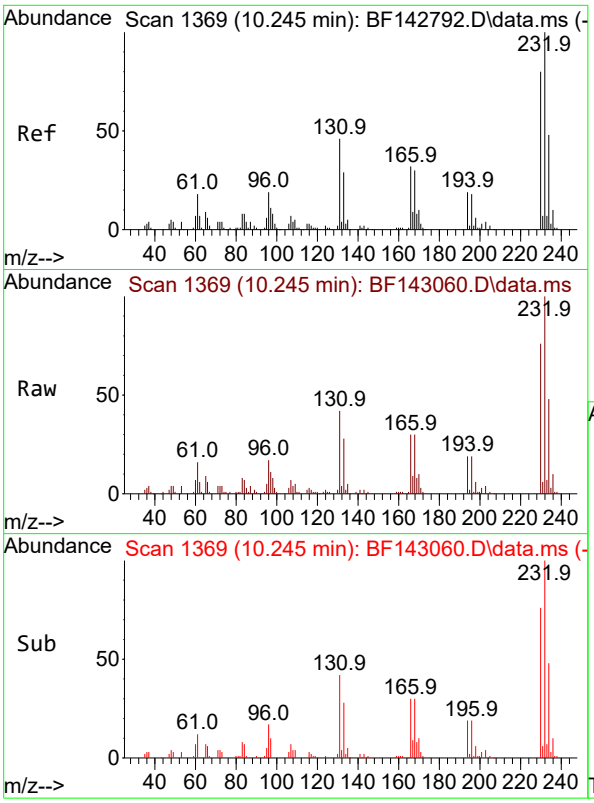


#58
Fluorene
Concen: 47.900 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:166 Resp: 302535

Ion	Ratio	Lower	Upper
166	100		
165	92.2	75.2	112.8
167	13.6	10.6	15.8



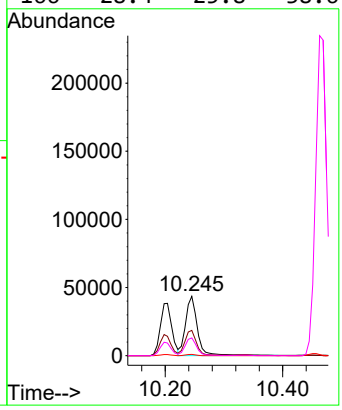


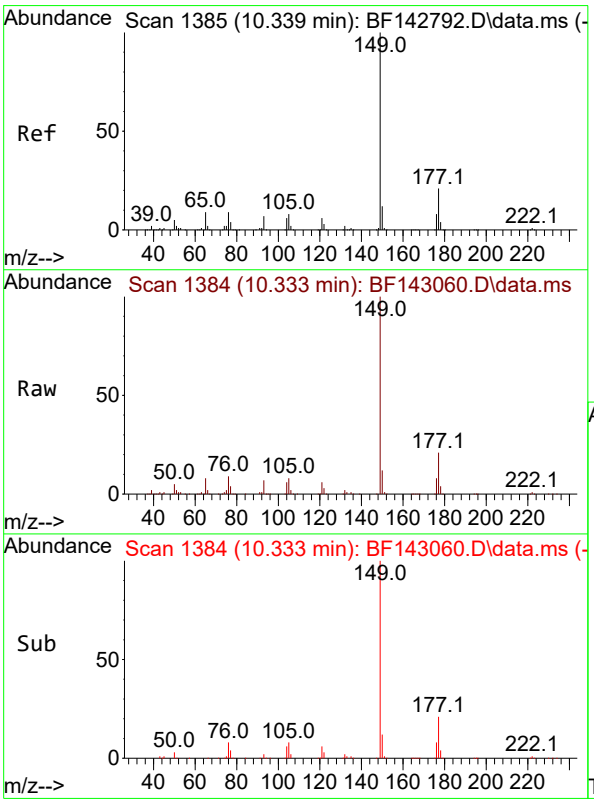
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.949 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:232 Resp: 60190

Ion	Ratio	Lower	Upper
232	100		
131	43.3	37.6	56.4
130	2.0	1.7	2.5
166	28.4	25.8	38.6

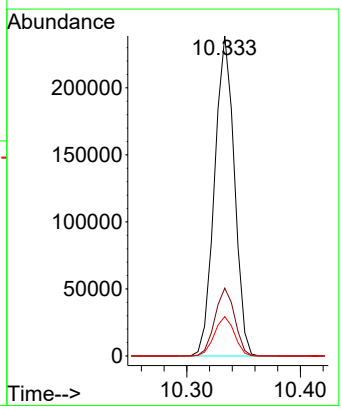


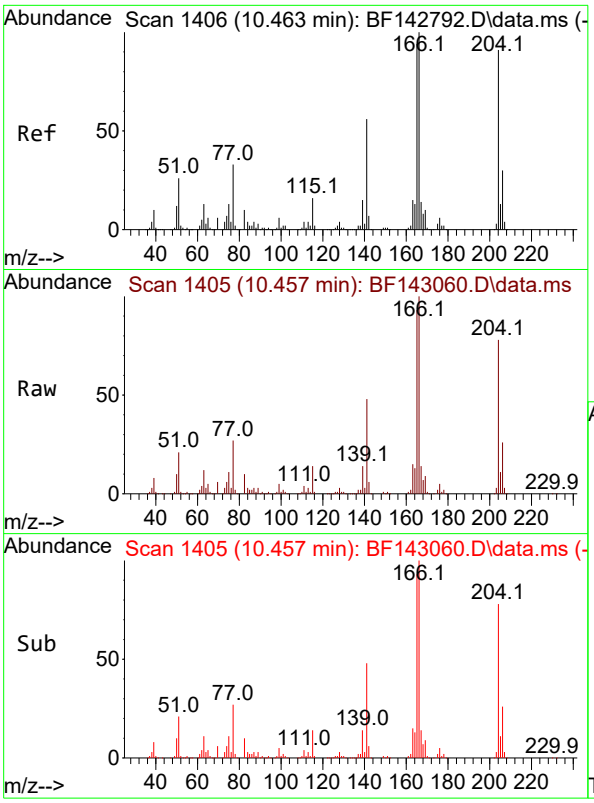


#60
Diethylphthalate
Concen: 48.090 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 289100

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.3	9.8	14.6



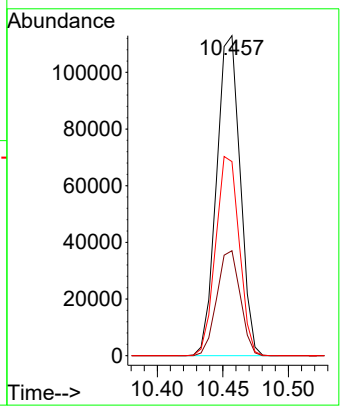


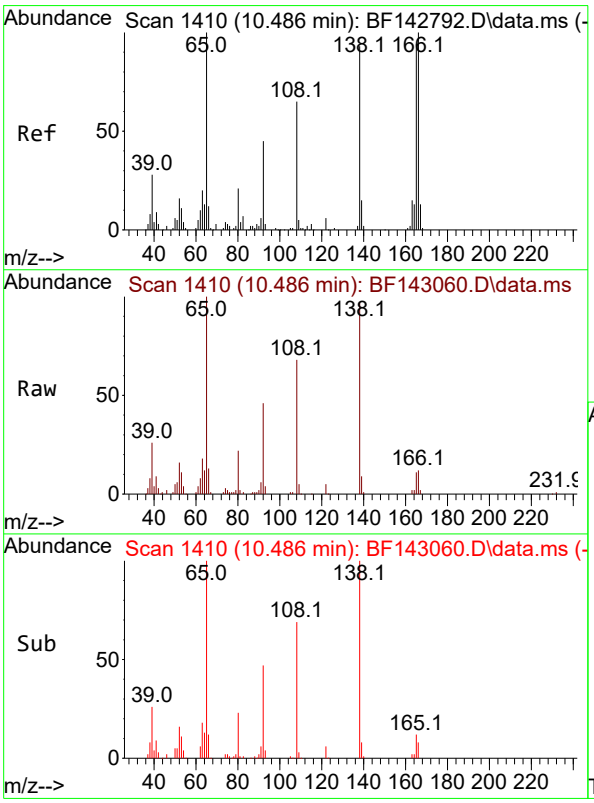
#61
4-Chlorophenyl-phenylether
Concen: 46.838 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:204 Resp: 141165

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	60.6	49.1	73.7

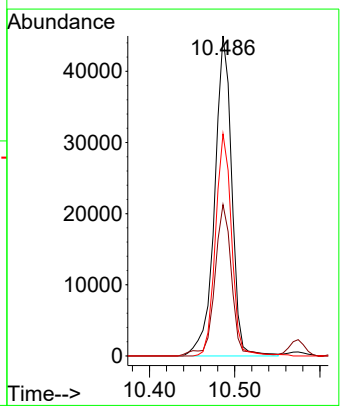


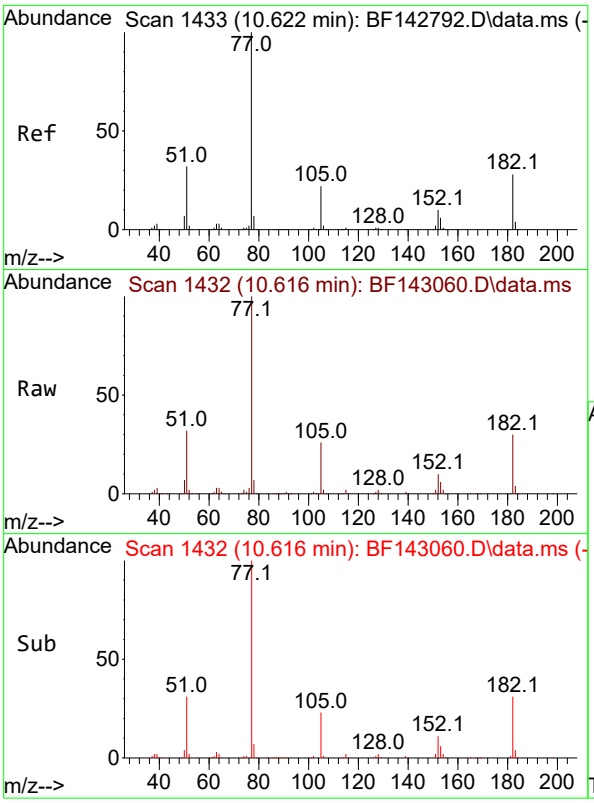


#62
4-Nitroaniline
Concen: 46.364 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:138 Resp: 62863

Ion	Ratio	Lower	Upper
138	100		
92	47.3	28.4	68.4
108	69.4	50.2	90.2



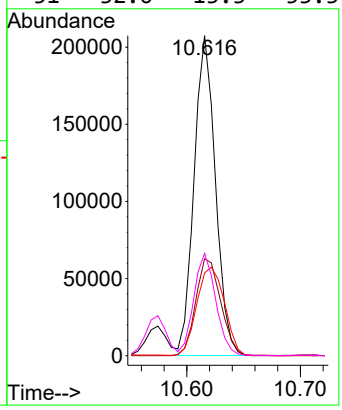


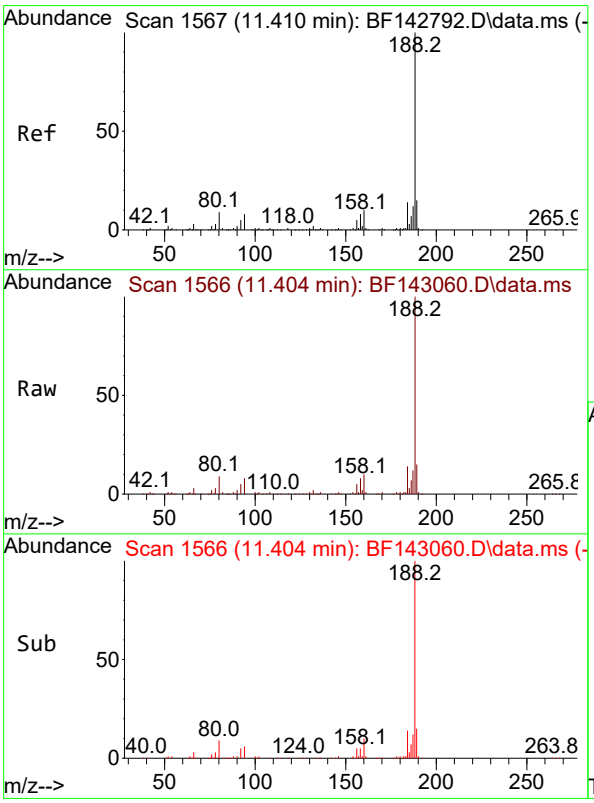
#63
Azobenzene
Concen: 50.258 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion: 77 Resp: 270038

Ion	Ratio	Lower	Upper
77	100		
182	30.3	7.7	47.7
105	25.9	1.9	41.9
51	32.0	13.3	53.3

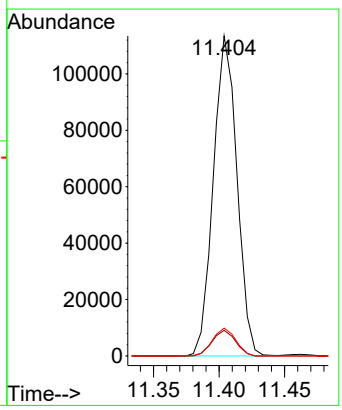


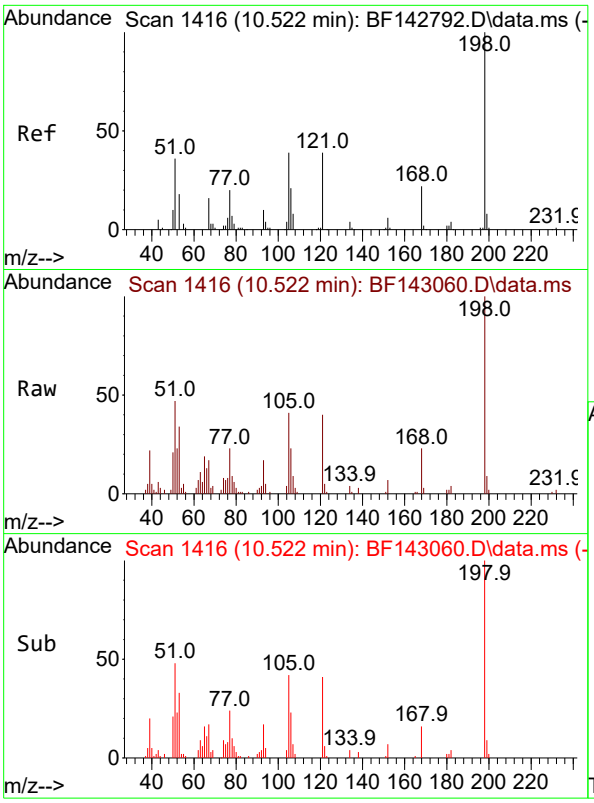


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:188 Resp: 141827

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.7	6.9	10.3



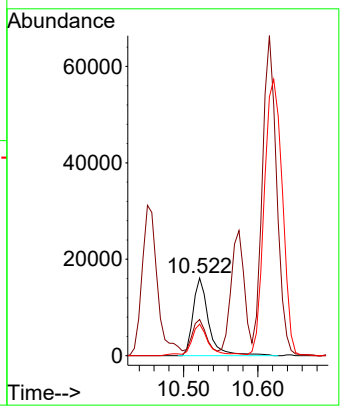


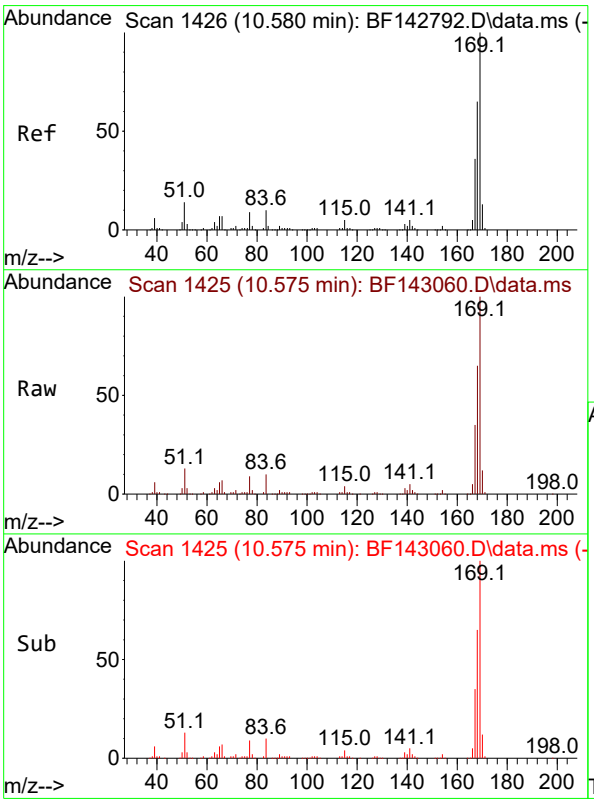
#65
4,6-Dinitro-2-methylphenol
Concen: 27.432 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:198 Resp: 23533

Ion	Ratio	Lower	Upper
198	100		
51	46.7	25.4	65.4
105	40.7	20.4	60.4

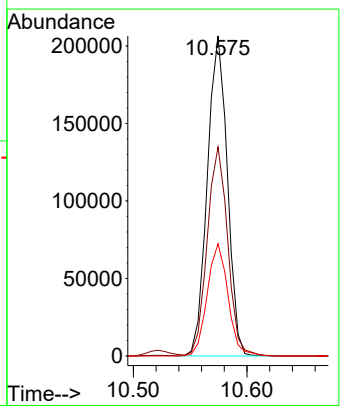


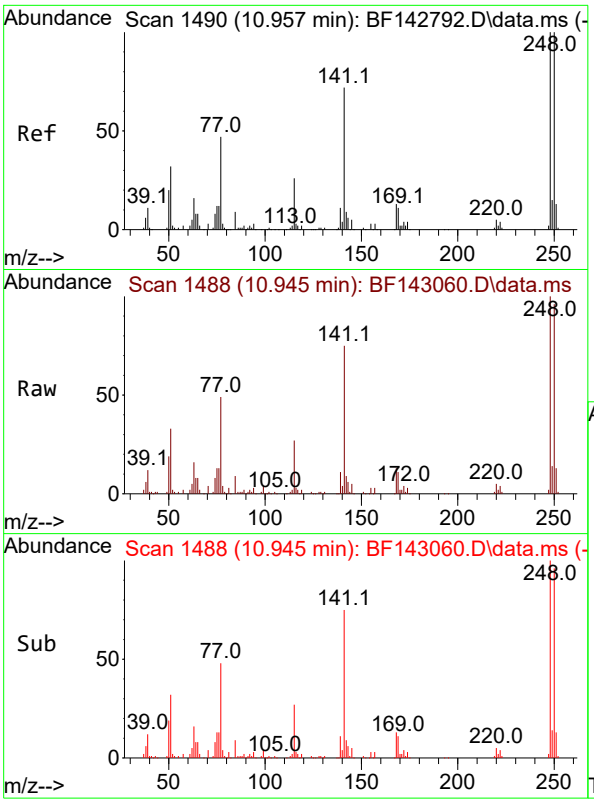


#66
n-Nitrosodiphenylamine
Concen: 51.438 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:169 Resp: 252837

Ion	Ratio	Lower	Upper
169	100		
168	65.3	51.9	77.9
167	35.1	28.5	42.7



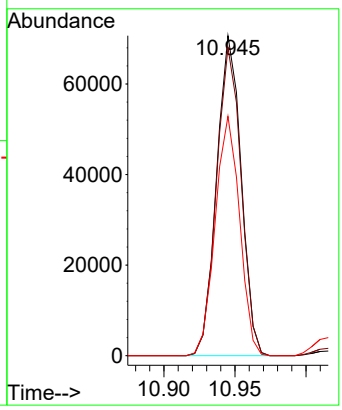


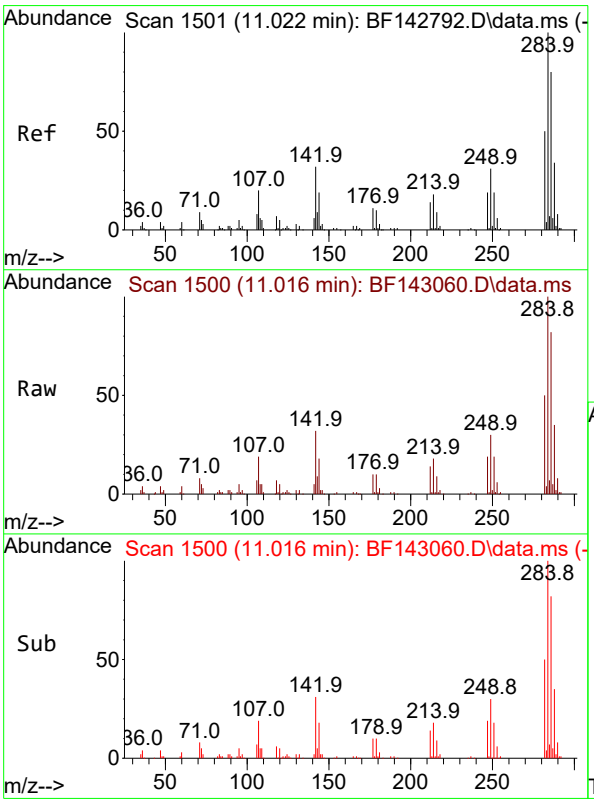
#67
4-Bromophenyl-phenylether
Concen: 52.537 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:248 Resp: 84802

Ion	Ratio	Lower	Upper
248	100		
250	96.3	79.8	119.8
141	74.8	57.8	86.6

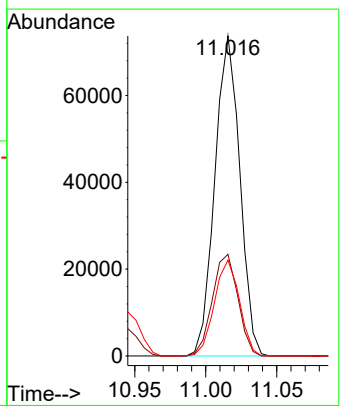


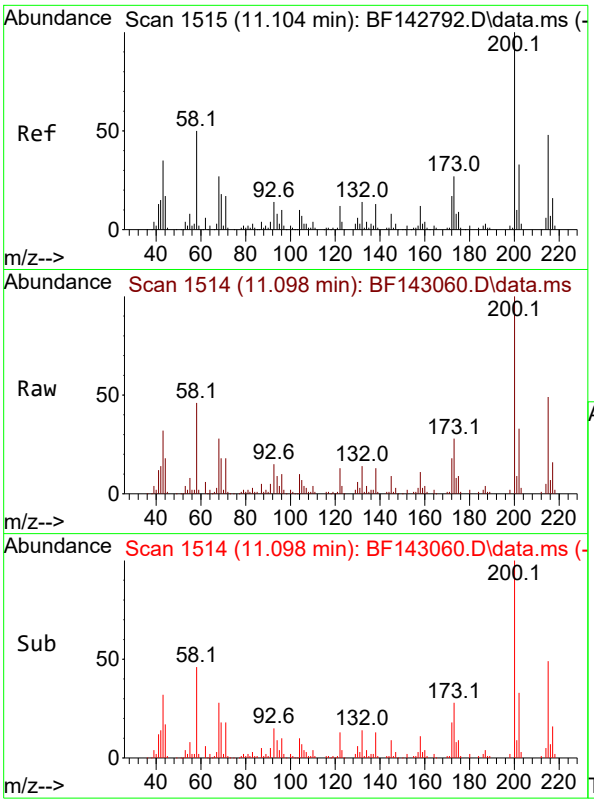


#68
Hexachlorobenzene
Concen: 50.264 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:284 Resp: 90152

Ion	Ratio	Lower	Upper
284	100		
142	31.8	25.5	38.3
249	30.0	24.9	37.3



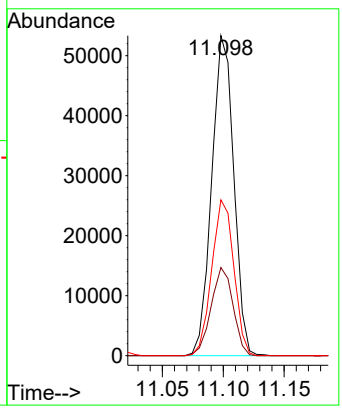


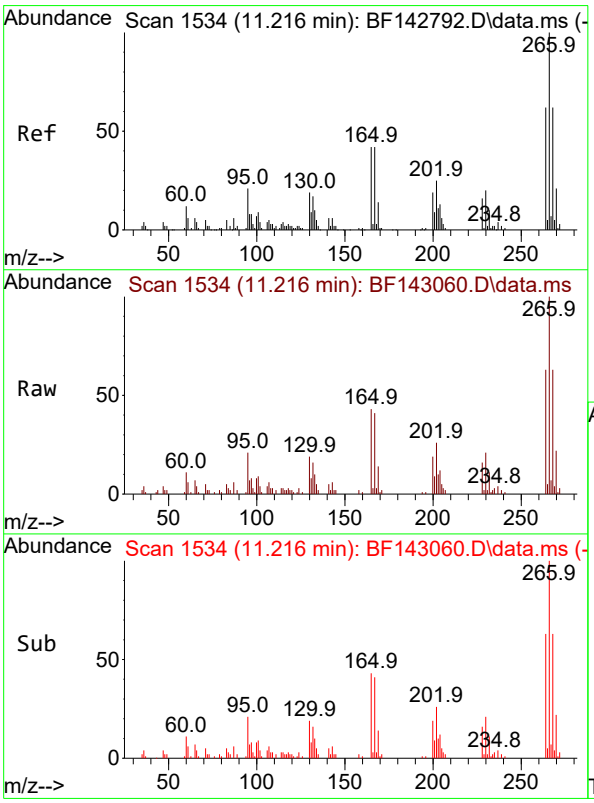
#69
Atrazine
Concen: 52.912 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:200 Resp: 67161

Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.4	47.4
215	48.7	28.4	68.4

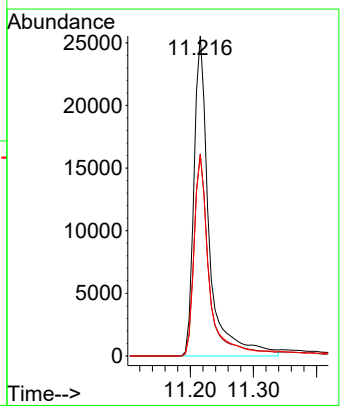


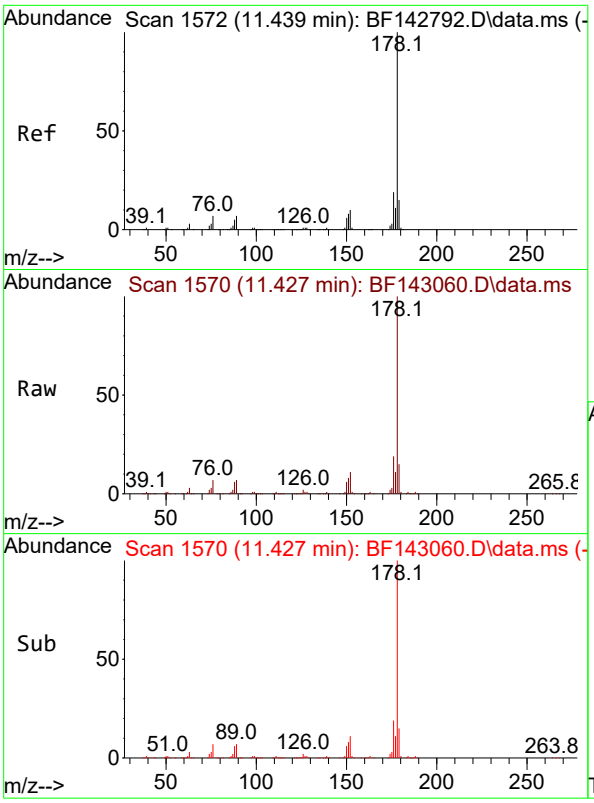


#70
Pentachlorophenol
Concen: 47.807 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:266 Resp: 42727

Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.8
264	62.9	49.9	74.9



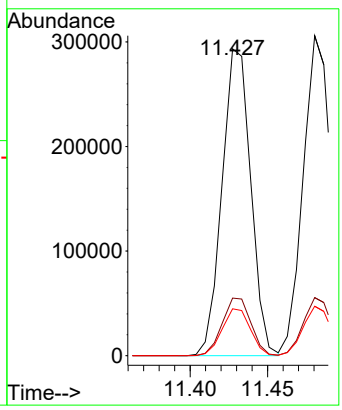


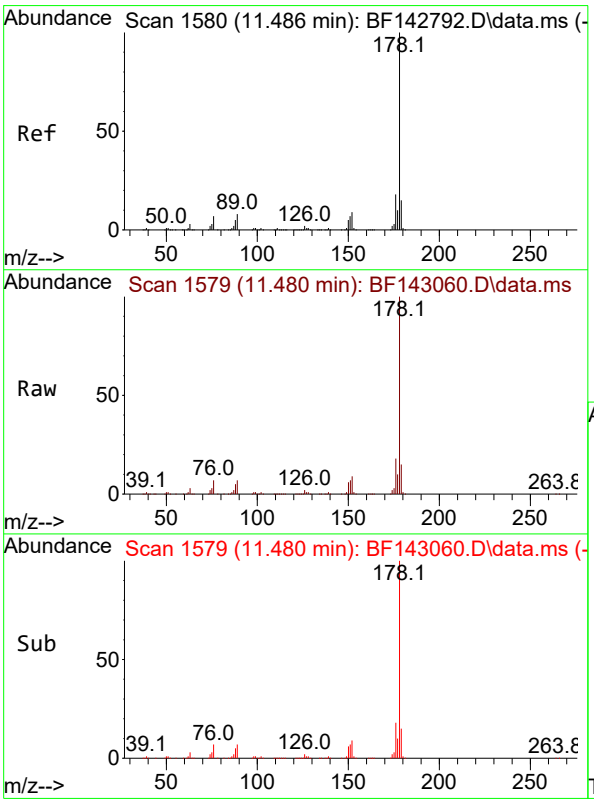
#71
Phenanthrene
Concen: 49.304 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:178 Resp: 378793

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.0	18.0

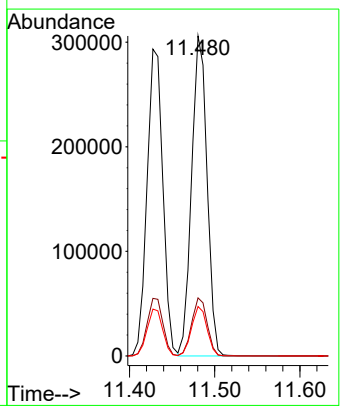


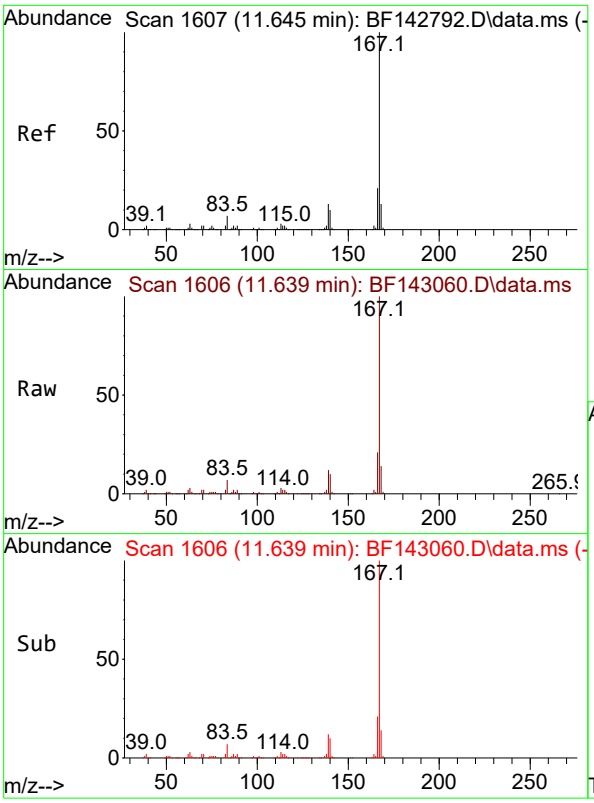


#72
Anthracene
Concen: 48.942 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:178 Resp: 385629

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.4	18.6



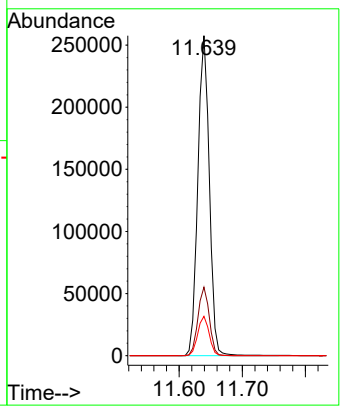


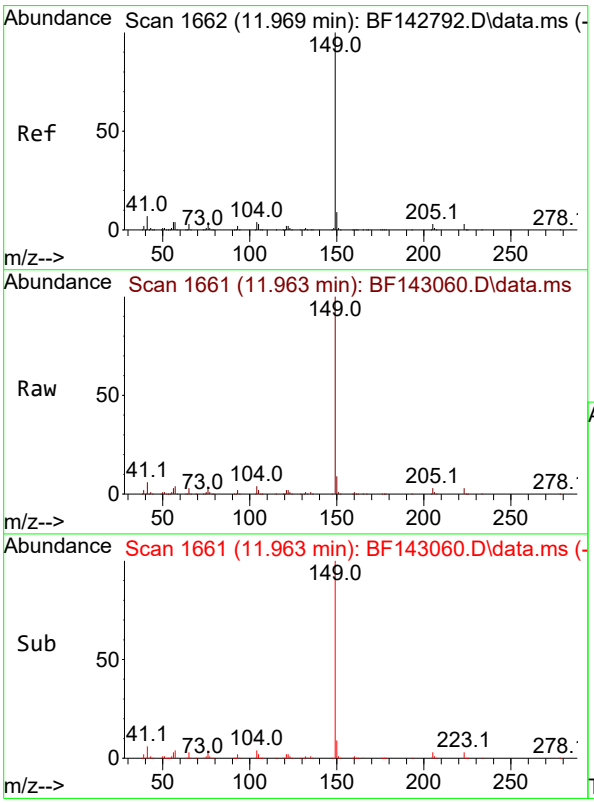
#73
Carbazole
Concen: 47.669 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:167 Resp: 324129

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.4
139	12.3	10.2	15.2

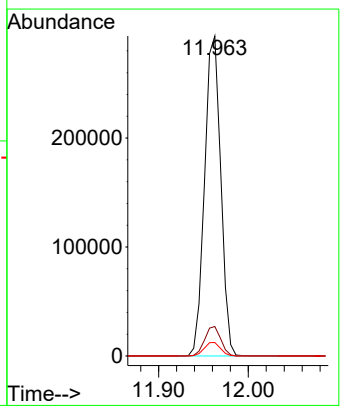


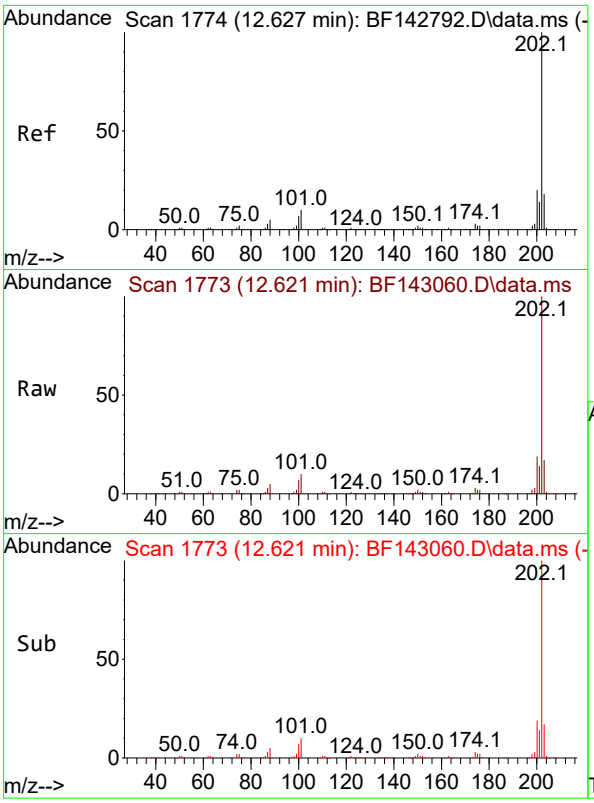


#74
Di-n-butylphthalate
Concen: 51.876 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 367460

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.2	3.5	5.3



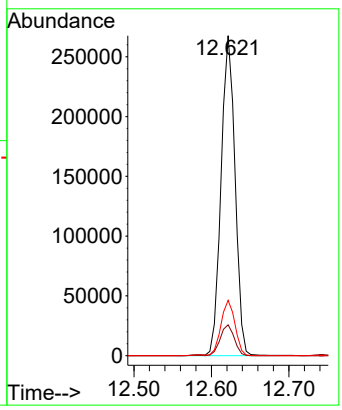


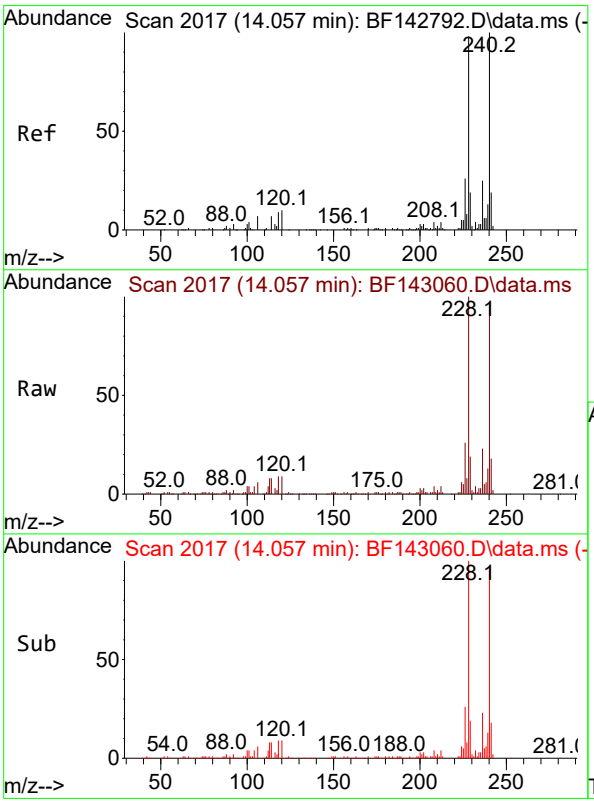
#75
Fluoranthene
Concen: 46.111 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:202 Resp: 336211

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.7
203	17.3	0.0	37.5

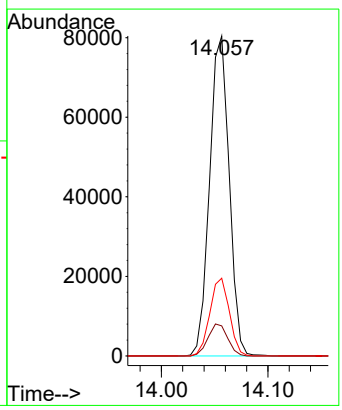


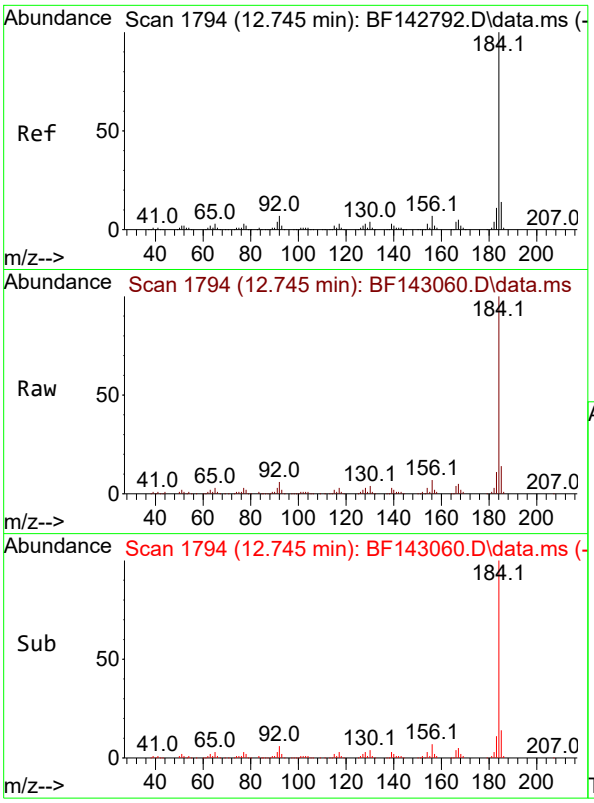


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:240 Resp: 102470

Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.2	12.2
236	24.3	19.8	29.8



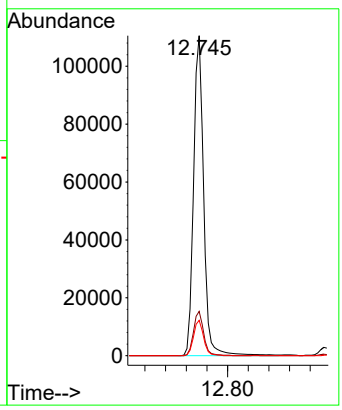


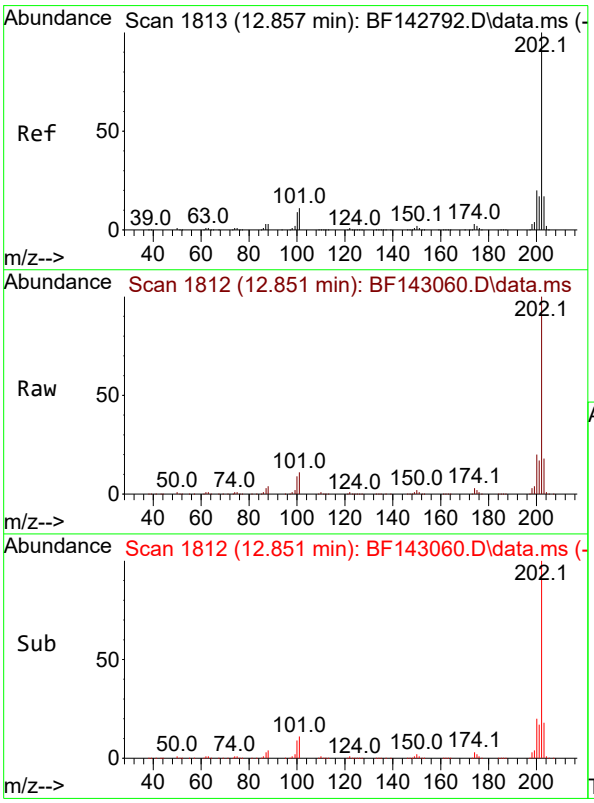
#77
Benzidine
Concen: 38.946 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:184 Resp: 149939

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.5	17.3
183	11.0	9.0	13.4

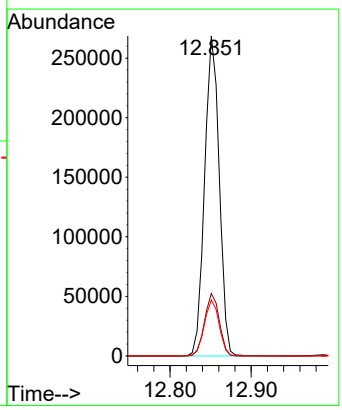


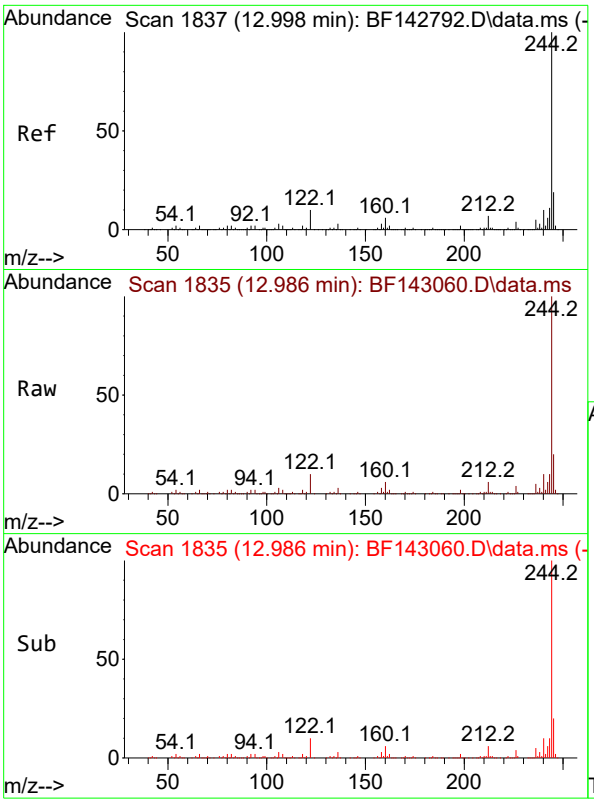


#78
Pyrene
Concen: 34.907 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:202 Resp: 335284

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.5	13.8	20.6



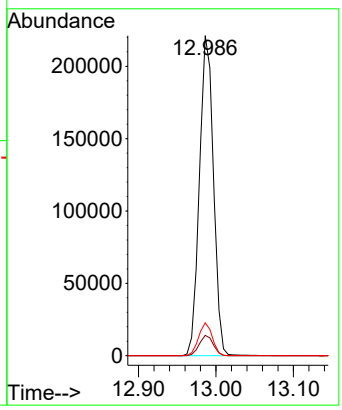


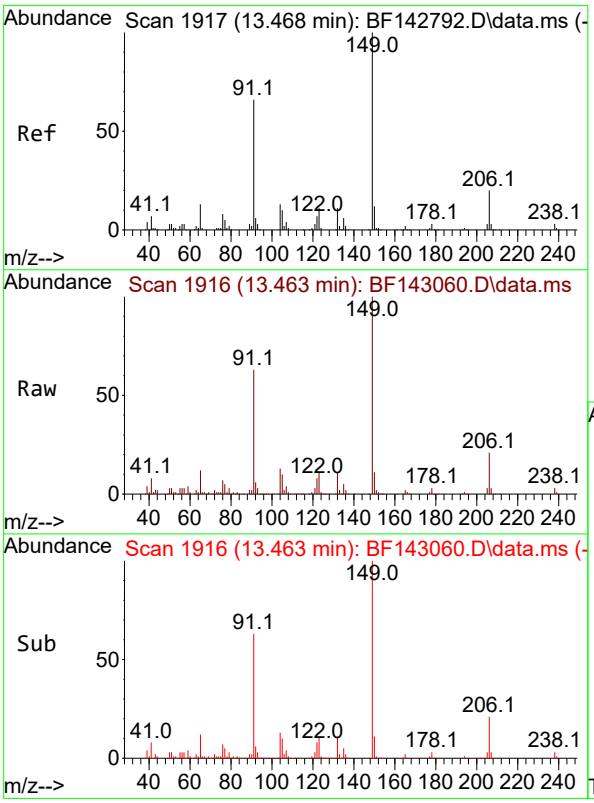
#79
Terphenyl-d14
Concen: 37.530 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:244 Resp: 278331

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.2	8.2	12.2

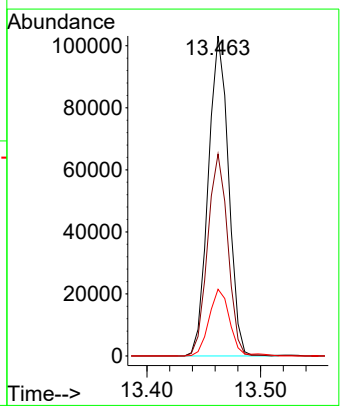


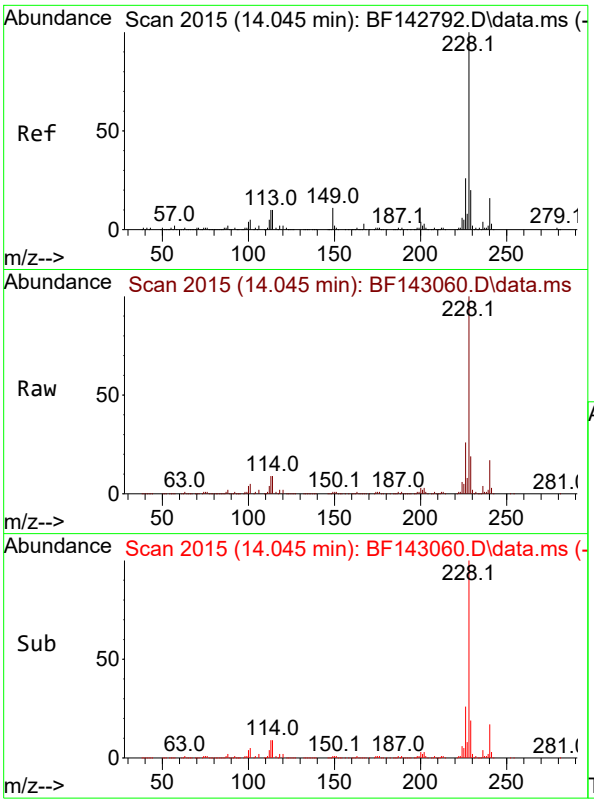


#80
Butylbenzylphthalate
Concen: 45.826 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 127678

Ion	Ratio	Lower	Upper
149	100		
91	63.1	52.9	79.3
206	20.9	16.3	24.5



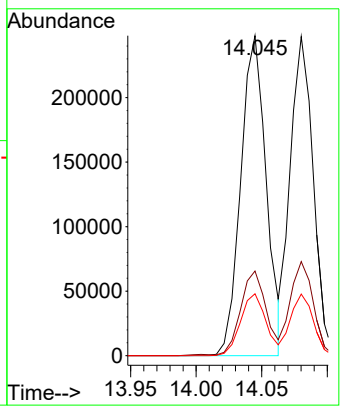


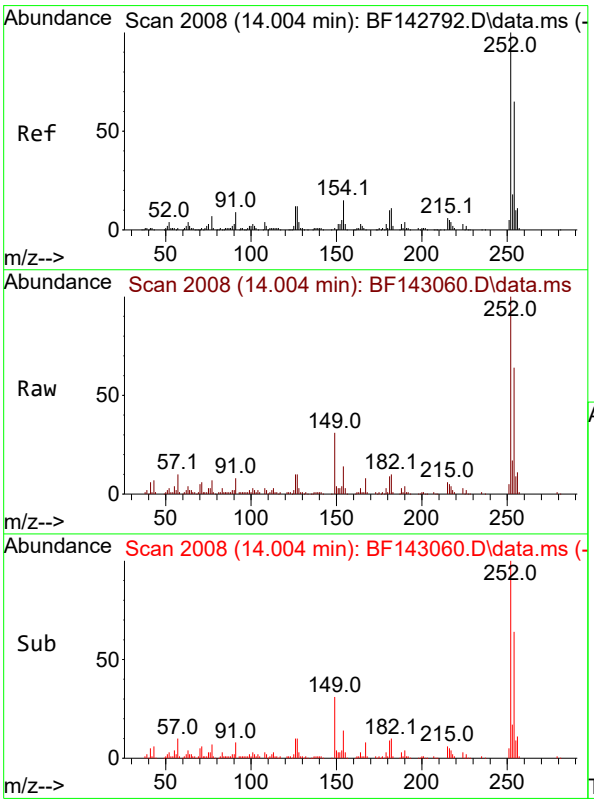
#81
Benzo(a)anthracene
Concen: 48.590 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:228 Resp: 335887

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	19.4	15.6	23.4

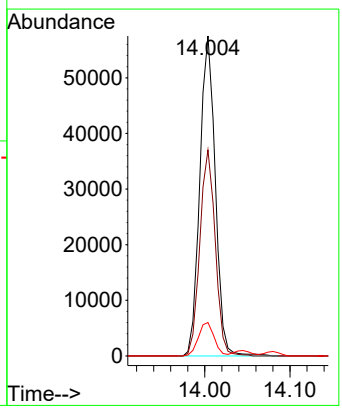


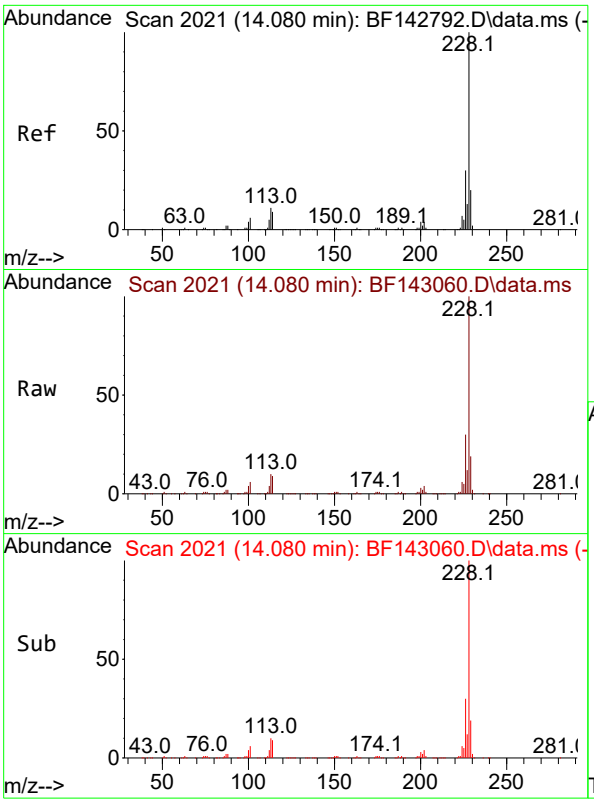


#82
3,3'-Dichlorobenzidine
Concen: 32.465 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:252 Resp: 72793

Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.7	77.5
126	10.5	9.4	14.2



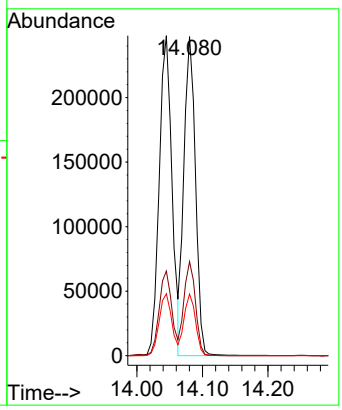


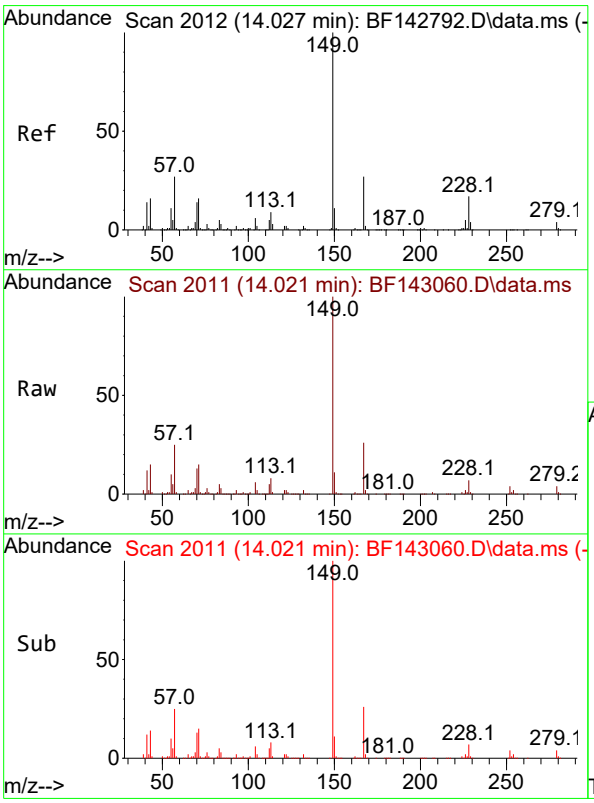
#83
Chrysene
Concen: 48.835 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:228 Resp: 301234

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	19.3	15.7	23.5

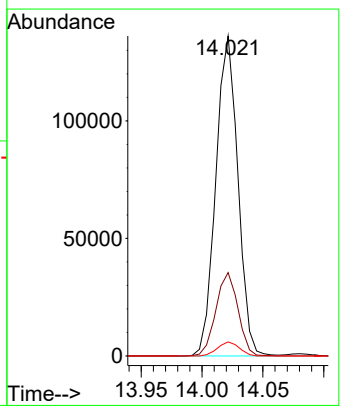


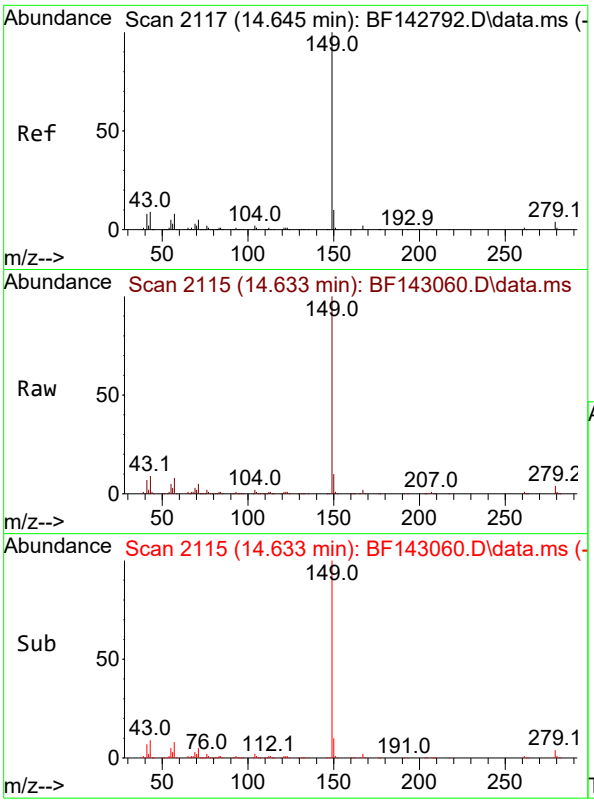


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.898 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:149 Resp: 171962

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.4	32.0
279	4.4	3.0	4.6



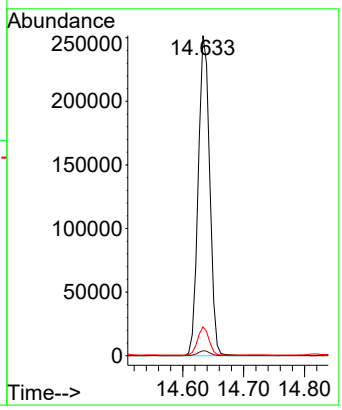


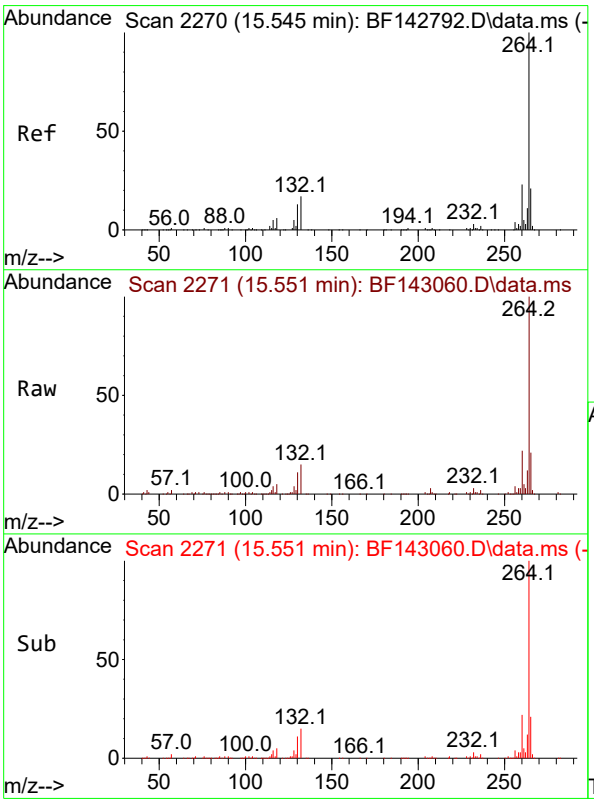
#85
Di-n-octyl phthalate
Concen: 43.389 ng
RT: 14.633 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:149 Resp: 327966

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.6	7.6	11.4

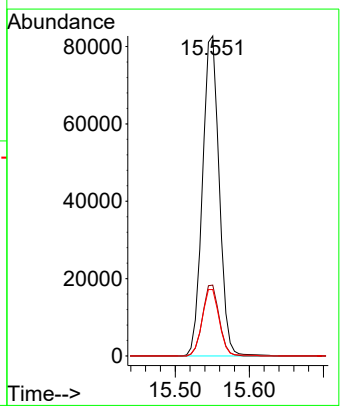


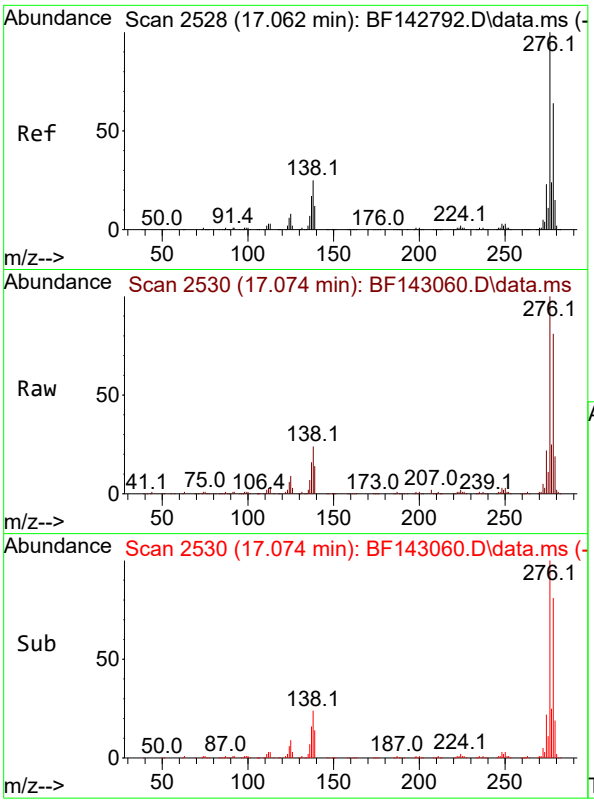


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:264 Resp: 129759

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.1	27.1
265	20.8	16.6	25.0



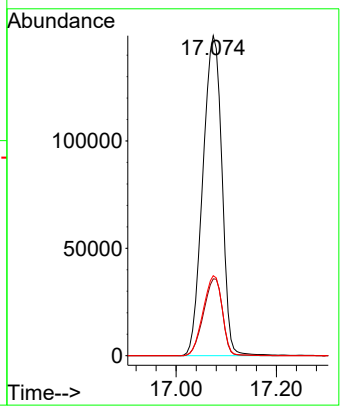


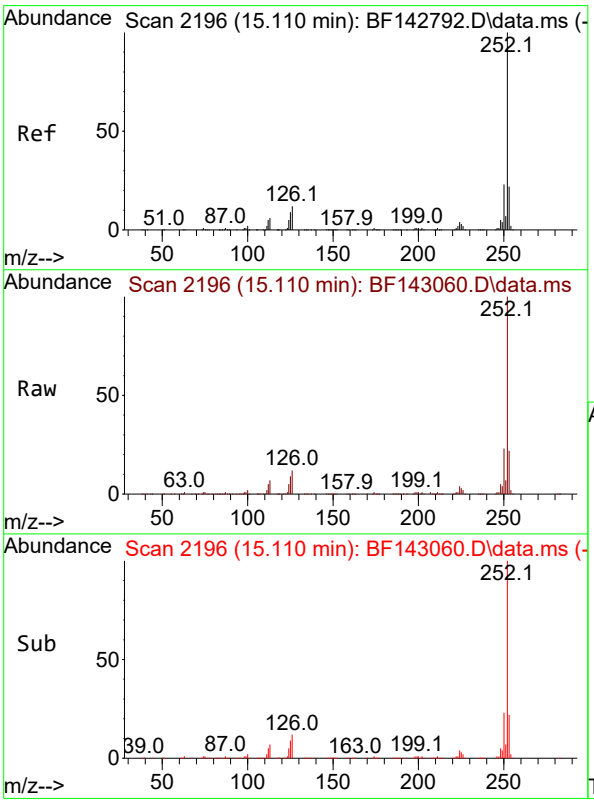
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.789 ng
RT: 17.074 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:276 Resp: 393256

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
277	25.0	19.8	29.6

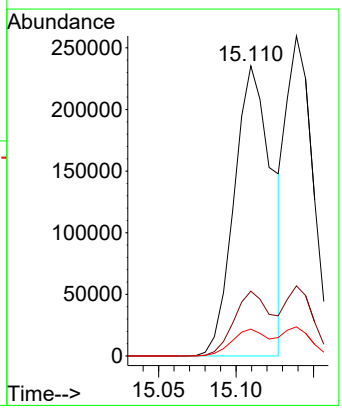


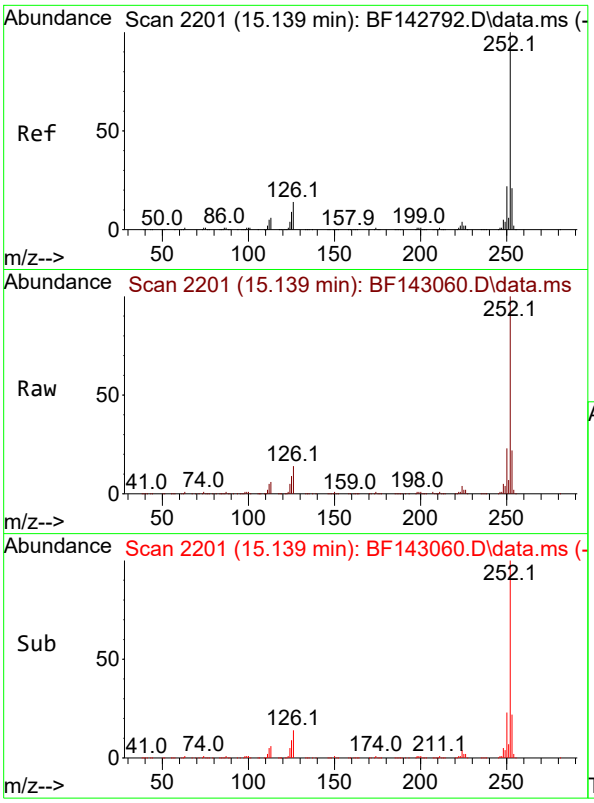


#88
Benzo(b)fluoranthene
Concen: 52.951 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:252 Resp: 397576

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.3	7.4	11.0



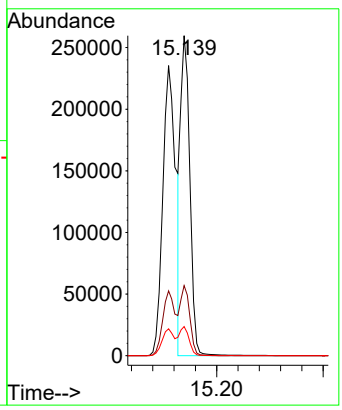


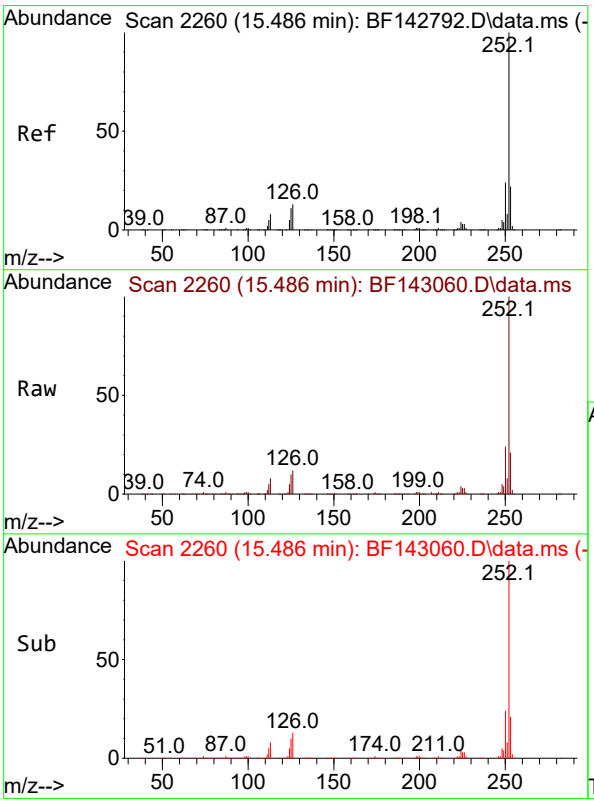
#89
Benzo(k)fluoranthene
Concen: 44.674 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:252 Resp: 313820

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.1	7.4	11.2

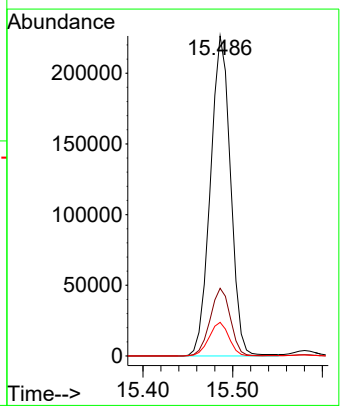


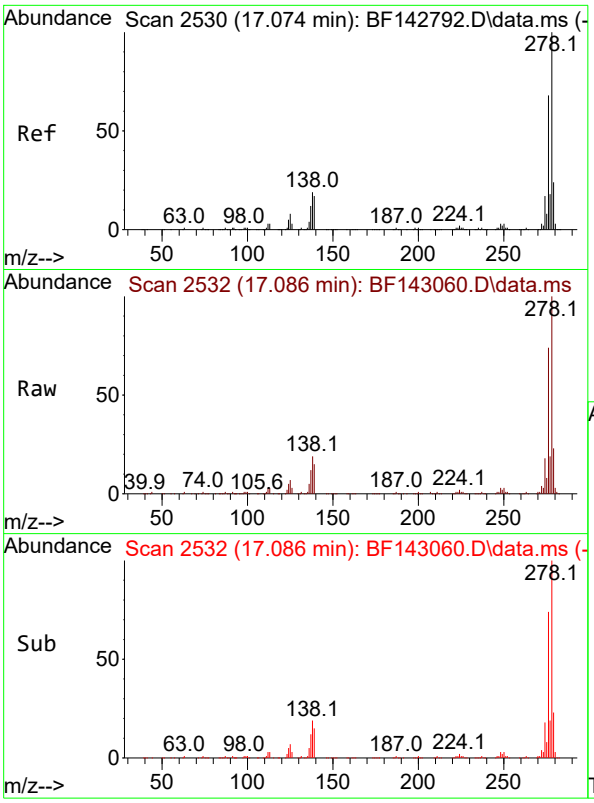


#90
Benzo(a)pyrene
Concen: 48.728 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:252 Resp: 353459

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	10.5	8.6	12.8



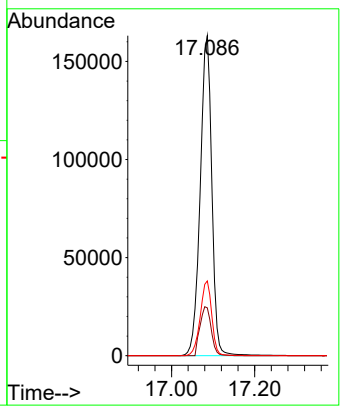


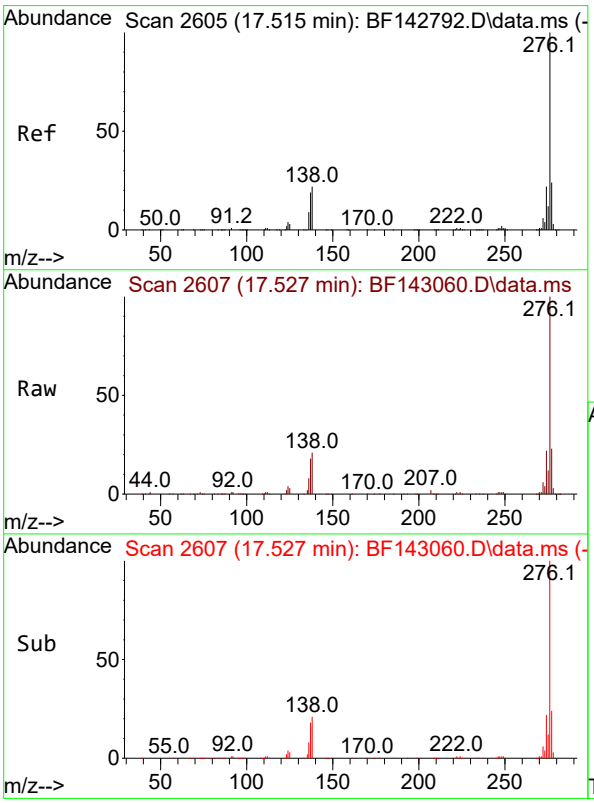
#91
Dibenzo(a,h)anthracene
Concen: 39.517 ng
RT: 17.086 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Instrument :
BNA_F
ClientSampleId :
TP-14MS

Tgt Ion:278 Resp: 317343

Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	23.3	18.8	28.2

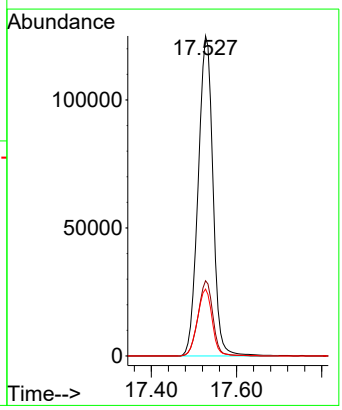




#92
Benzo(g,h,i)perylene
Concen: 37.625 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF143060.D
Acq: 09 Jul 2025 17:00

Tgt Ion:276 Resp: 301293

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.9	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:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MSD	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.07 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
BF143061.D	1	07/09/25 08:55	07/09/25 17:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	960		110	230	ug/Kg
108-95-2	Phenol	920		15.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		16.6	120	ug/Kg
95-57-8	2-Chlorophenol	950		16.7	120	ug/Kg
95-48-7	2-Methylphenol	950		20.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	850		25.6	120	ug/Kg
98-86-2	Acetophenone	1000		20.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	970		28.0	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		32.3	54.6	ug/Kg
67-72-1	Hexachloroethane	930		12.0	120	ug/Kg
98-95-3	Nitrobenzene	970		12.5	120	ug/Kg
78-59-1	Isophorone	950		22.4	120	ug/Kg
88-75-5	2-Nitrophenol	1000		39.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	950		44.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	940		21.0	120	ug/Kg
120-83-2	2,4-Dichlorophenol	970		19.3	120	ug/Kg
91-20-3	Naphthalene	970		15.5	120	ug/Kg
106-47-8	4-Chloroaniline	490		24.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		17.3	120	ug/Kg
105-60-2	Caprolactam	890		35.6	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	940		19.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	960		17.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		79.2	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		13.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	890		19.9	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		14.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.4	120	ug/Kg
88-74-4	2-Nitroaniline	1000		32.8	120	ug/Kg
131-11-3	Dimethylphthalate	990		18.5	120	ug/Kg

Raw Data: **BF143061.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MSD	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.07 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
BF143061.D	1	07/09/25 08:55	07/09/25 17:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		19.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.9	120	ug/Kg
99-09-2	3-Nitroaniline	670		31.4	120	ug/Kg
83-32-9	Acenaphthene	980		14.5	120	ug/Kg
51-28-5	2,4-Dinitrophenol	610		160	230	ug/Kg
100-02-7	4-Nitrophenol	1300		73.0	230	ug/Kg
132-64-9	Dibenzofuran	980		15.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	970		34.2	120	ug/Kg
84-66-2	Diethylphthalate	980		19.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		18.2	120	ug/Kg
86-73-7	Fluorene	990		17.3	120	ug/Kg
100-01-6	4-Nitroaniline	930		43.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620		70.3	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		22.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		19.0	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		17.3	120	ug/Kg
1912-24-9	Atrazine	1100		23.2	120	ug/Kg
87-86-5	Pentachlorophenol	1000		35.0	230	ug/Kg
85-01-8	Phenanthrene	1000		14.3	120	ug/Kg
120-12-7	Anthracene	1000		22.7	120	ug/Kg
86-74-8	Carbazole	990		21.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		32.7	120	ug/Kg
206-44-0	Fluoranthene	940		20.5	120	ug/Kg
129-00-0	Pyrene	710		24.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	920		48.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600		25.0	230	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.7	120	ug/Kg
218-01-9	Chrysene	990		13.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	840		40.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	870		59.2	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		13.0	120	ug/Kg

Raw Data: **BF143061.D**

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

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	TP-14MSD	SDG No.:	Q2529
Lab Sample ID:	Q2517-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	50.07 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
BF143061.D	1	07/09/25 08:55	07/09/25 17:30	PB168767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1100		15.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1000		20.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		19.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	810		18.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740		17.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		17.5	120	ug/Kg
123-91-1	1,4-Dioxane	830		30.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	780		18.7	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	73.7		18 - 112	49%	SPK: 150
13127-88-3	Phenol-d6	74.5		15 - 107	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	48.0		18 - 107	48%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.5		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.5		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	33.5		10 - 105	33%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49200	6.869			
1146-65-2	Naphthalene-d8	178000	8.157			
15067-26-2	Acenaphthene-d10	88000	9.916			
1517-22-2	Phenanthrene-d10	129000	11.404			
1719-03-5	Chrysene-d12	92400	14.051			
1520-96-3	Perylene-d12	117000	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\BF070925\
Data File : BF143061.D
Acq On : 09 Jul 2025 17:30
Operator : RC/JU
Sample : Q2517-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Quant Time: Jul 09 17:54:11 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	49173	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	178050	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	87986	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	128612	20.000	ng		0.00
76) Chrysene-d12	14.051	240	92445	20.000	ng		0.00
86) Perylene-d12	15.551	264	117034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	217592	73.673	ng		0.00
7) Phenol-d6	6.504	99	259678	74.523	ng		0.00
23) Nitrobenzene-d5	7.434	82	155950	48.043	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	61090	67.470	ng		-0.01
45) 2-Fluorobiphenyl	9.233	172	311592	46.522	ng		-0.01
79) Terphenyl-d14	12.986	244	224108	33.496	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	42915	36.328	ng		98
3) Pyridine	3.422	79	110831	37.424	ng		98
4) n-Nitrosodimethylamine	3.375	42	61138	39.922	ng		100
6) Aniline	6.534	93	127670	27.536	ng	#	86
8) 2-Chlorophenol	6.657	128	133053	41.762	ng		97
9) Benzaldehyde	6.422	77	87690	42.418	ng		100
10) Phenol	6.522	94	157093	40.558	ng		89
11) bis(2-Chloroethyl)ether	6.604	93	115455	41.706	ng		97
12) 1,3-Dichlorobenzene	6.810	146	148975	41.810	ng		100
13) 1,4-Dichlorobenzene	6.887	146	149347	41.544	ng		99
14) 1,2-Dichlorobenzene	7.039	146	143888	42.199	ng		99
15) Benzyl Alcohol	7.016	79	104184	41.358	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	166890	37.523	ng		88
17) 2-Methylphenol	7.128	107	100852	41.772	ng		99
18) Hexachloroethane	7.381	117	51282	40.784	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	84596	41.743	ng		97
20) 3+4-Methylphenols	7.281	107	127747	42.437	ng	#	88
22) Acetophenone	7.281	105	175702	44.750	ng		99
24) Nitrobenzene	7.457	77	125370	42.672	ng		98
25) Isophorone	7.692	82	218308	41.924	ng		99
26) 2-Nitrophenol	7.775	139	70614	44.121	ng		97
27) 2,4-Dimethylphenol	7.810	122	115988m	41.839	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	137119	41.419	ng		99
29) 2,4-Dichlorophenol	8.016	162	107408	42.730	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	119274	43.152	ng		99
31) Naphthalene	8.181	128	372552	42.747	ng		99
32) Benzoic acid	7.939	122	18260m	12.923	ng		
33) 4-Chloroaniline	8.228	127	76813	21.675	ng		97
34) Hexachlorobutadiene	8.292	225	73363	43.391	ng		99
35) Caprolactam	8.592	113	25828	38.939	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	103523	41.439	ng		98
37) 2-Methylnaphthalene	8.869	142	229201	42.420	ng		100
38) 1-Methylnaphthalene	8.969	142	238515	42.643	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	117379	45.212	ng		99
41) Hexachlorocyclopentadiene	9.022	237	85647	58.134	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	66141	39.097	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143061.D
Acq On : 09 Jul 2025 17:30
Operator : RC/JU
Sample : Q2517-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Quant Time: Jul 09 17:54:11 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

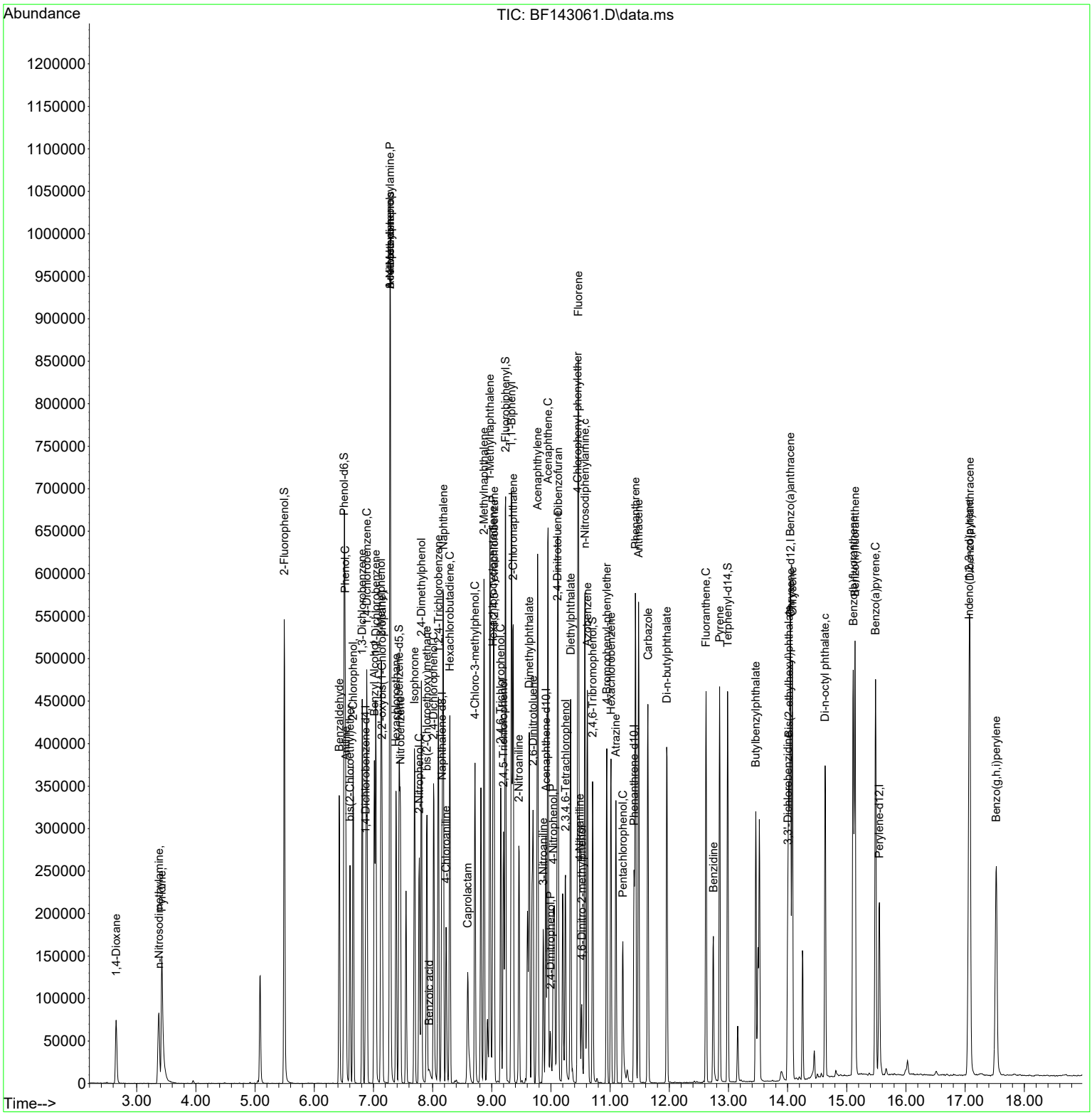
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	69726	39.153	ng	99
46) 1,1'-Biphenyl	9.333	154	308555	44.394	ng	100
47) 2-Chloronaphthalene	9.363	162	232029	44.486	ng	99
48) 2-Nitroaniline	9.457	65	64108	43.841	ng	97
49) Acenaphthylene	9.775	152	377263	43.938	ng	99
50) Dimethylphthalate	9.633	163	248926	43.707	ng	100
51) 2,6-Dinitrotoluene	9.698	165	55958	44.739	ng	98
52) Acenaphthene	9.951	154	224582m	42.870	ng	
53) 3-Nitroaniline	9.869	138	40799	29.627	ng	98
54) 2,4-Dinitrophenol	9.992	184	16701	26.667	ng	95
55) Dibenzofuran	10.122	168	323306	43.038	ng	99
56) 4-Nitrophenol	10.039	139	52372	55.552	ng	98
57) 2,4-Dinitrotoluene	10.110	165	71054	42.768	ng	95
58) Fluorene	10.463	166	254958	43.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	49229	34.295	ng	96
60) Diethylphthalate	10.333	149	240572	43.081	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	119342	42.628	ng	98
62) 4-Nitroaniline	10.486	138	51394	40.807	ng	98
63) Azobenzene	10.616	77	227625	45.607	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	21130	27.162	ng	97
66) n-Nitrosodiphenylamine	10.575	169	211666	47.487	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	69611	47.557	ng	97
68) Hexachlorobenzene	11.016	284	75615	46.491	ng	97
69) Atrazine	11.098	200	56139	48.773	ng	99
70) Pentachlorophenol	11.216	266	36592	45.150	ng	97
71) Phenanthrene	11.427	178	313167	44.951	ng	100
72) Anthracene	11.480	178	319487	44.714	ng	100
73) Carbazole	11.639	167	267422	43.370	ng	99
74) Di-n-butylphthalate	11.957	149	303241	47.208	ng	100
75) Fluoranthene	12.621	202	273144	41.311	ng	99
77) Benzidine	12.745	184	103360	29.759	ng	99
78) Pyrene	12.851	202	269733	31.128	ng	100
80) Butylbenzylphthalate	13.463	149	101642	40.438	ng	97
81) Benzo(a)anthracene	14.045	228	274046	43.943	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	53410	26.404	ng	97
83) Chrysene	14.080	228	241689	43.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	133883	37.021	ng	99
85) Di-n-octyl phthalate	14.633	149	259655	38.077	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	316533	35.508	ng	98
88) Benzo(b)fluoranthene	15.110	252	299861	44.279	ng	100
89) Benzo(k)fluoranthene	15.139	252	295028	46.565	ng	100
90) Benzo(a)pyrene	15.486	252	294343	44.991	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	258572	35.699	ng	98
92) Benzo(g,h,i)perylene	17.527	276	236028	32.679	ng	98

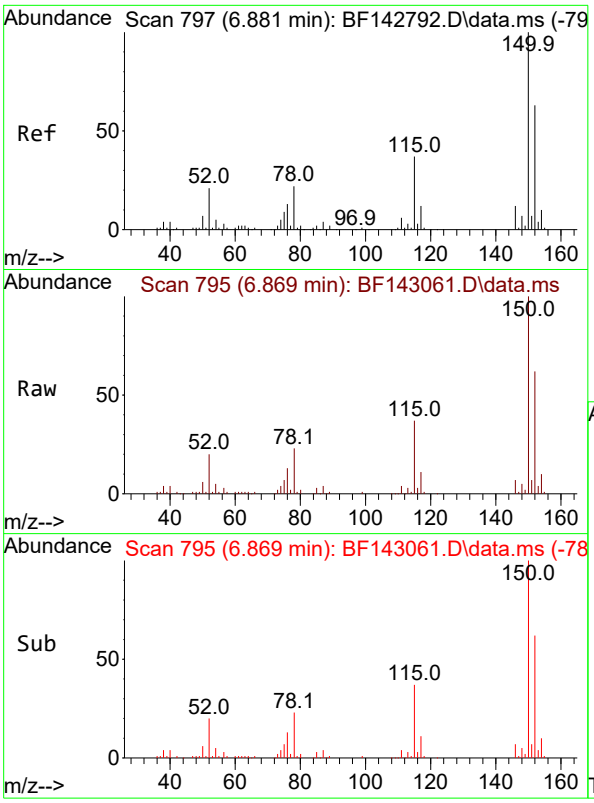
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143061.D
Acq On : 09 Jul 2025 17:30
Operator : RC/JU
Sample : Q2517-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Quant Time: Jul 09 17:54:11 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



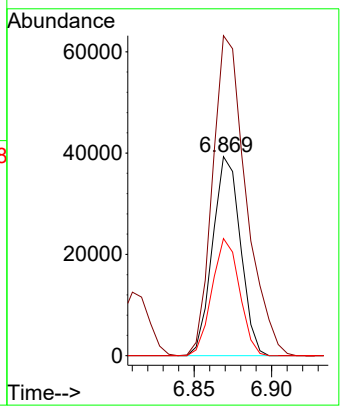


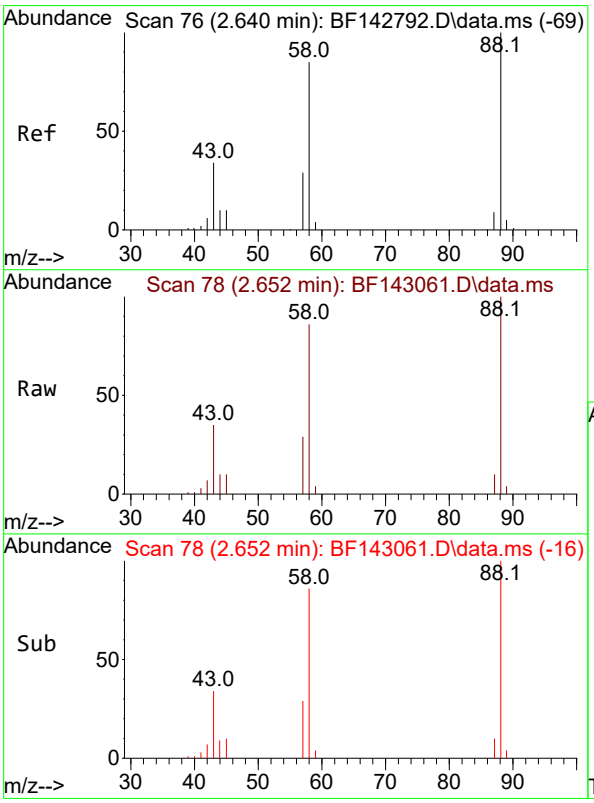
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:152 Resp: 49173

Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.2	190.8
115	58.9	46.6	69.8

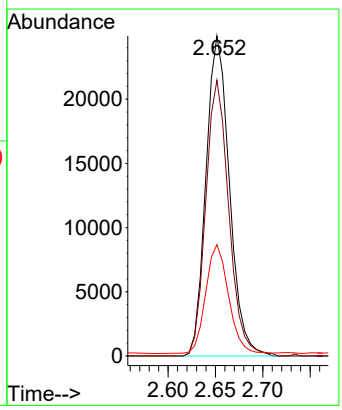


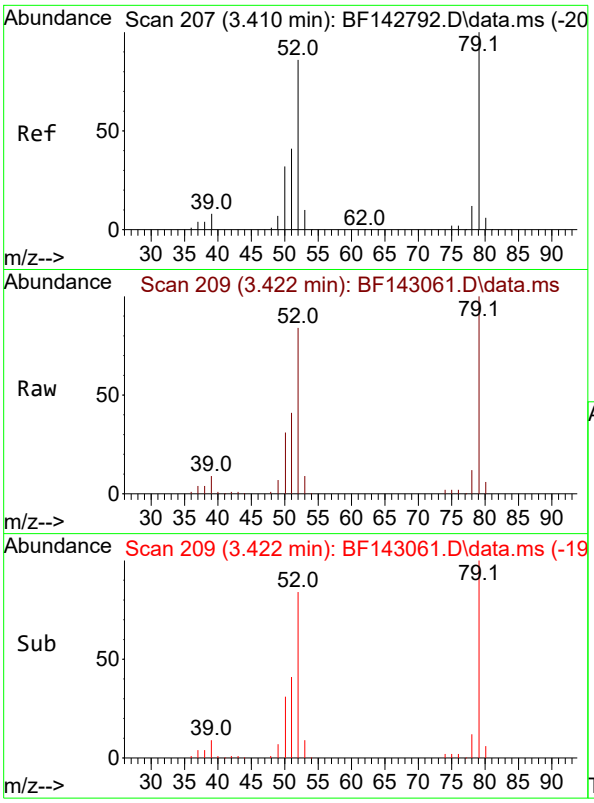


#2
1,4-Dioxane
Concen: 36.328 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 88 Resp: 42915

Ion	Ratio	Lower	Upper
88	100		
58	84.8	69.1	103.7
43	32.8	27.4	41.2



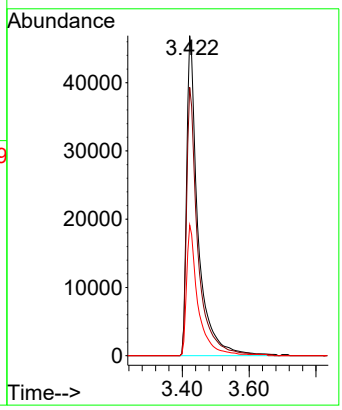


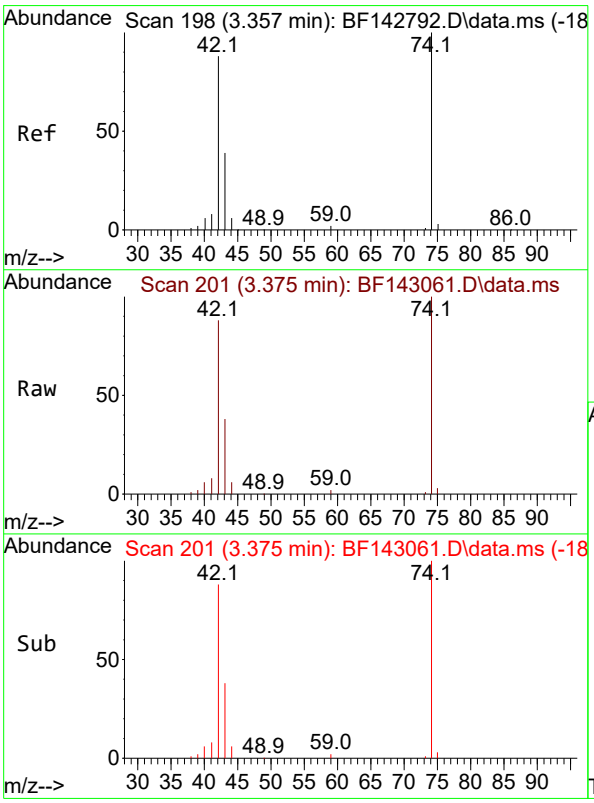
#3
Pyridine
Concen: 37.424 ng
RT: 3.422 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 79 Resp: 110831

Ion	Ratio	Lower	Upper
79	100		
52	83.9	69.2	103.8
51	40.8	33.2	49.8

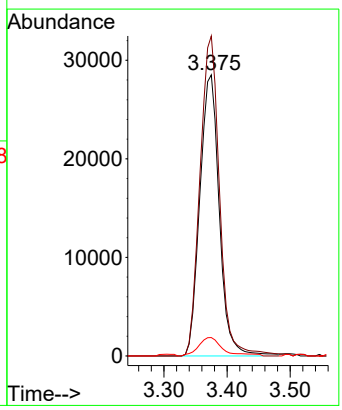


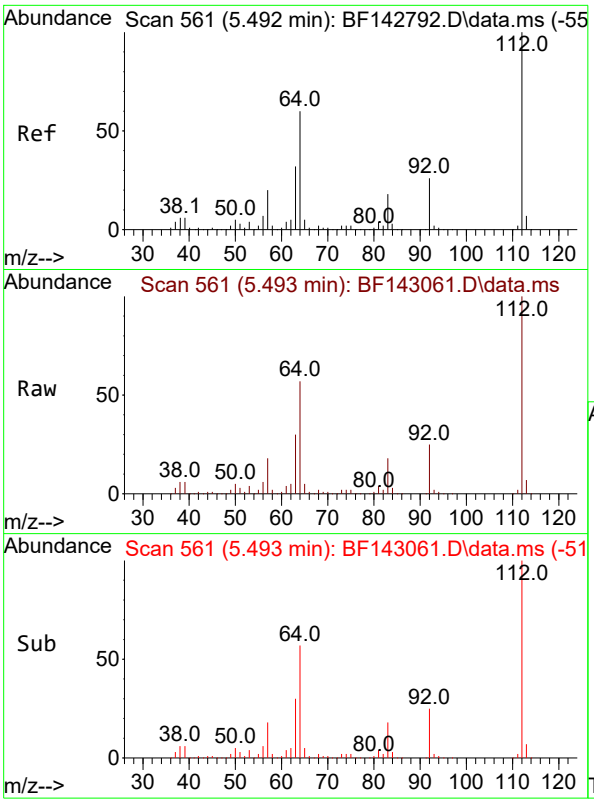


#4
n-Nitrosodimethylamine
Concen: 39.922 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 42 Resp: 61138

Ion	Ratio	Lower	Upper
42	100		
74	113.8	90.9	136.3
44	6.6	5.8	8.6



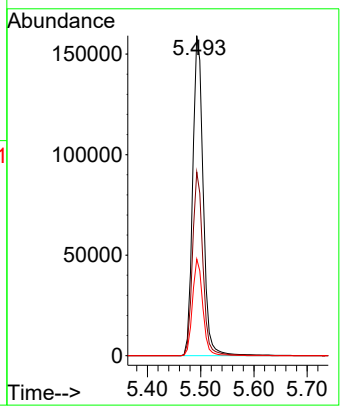


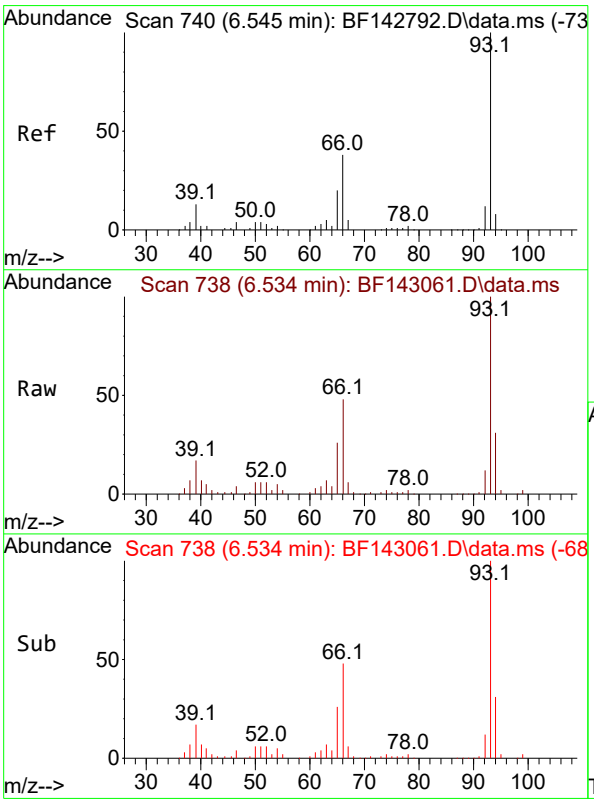
#5
2-Fluorophenol
Concen: 73.673 ng
RT: 5.493 min Scan# 5
Delta R.T. 0.001 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:112 Resp: 217592

Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.2	72.2
63	30.2	25.7	38.5

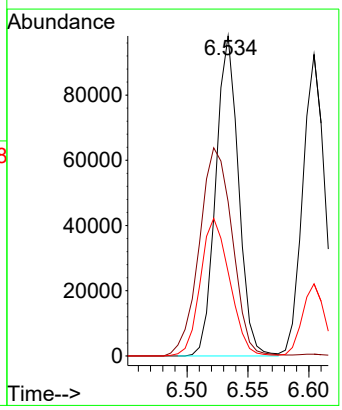


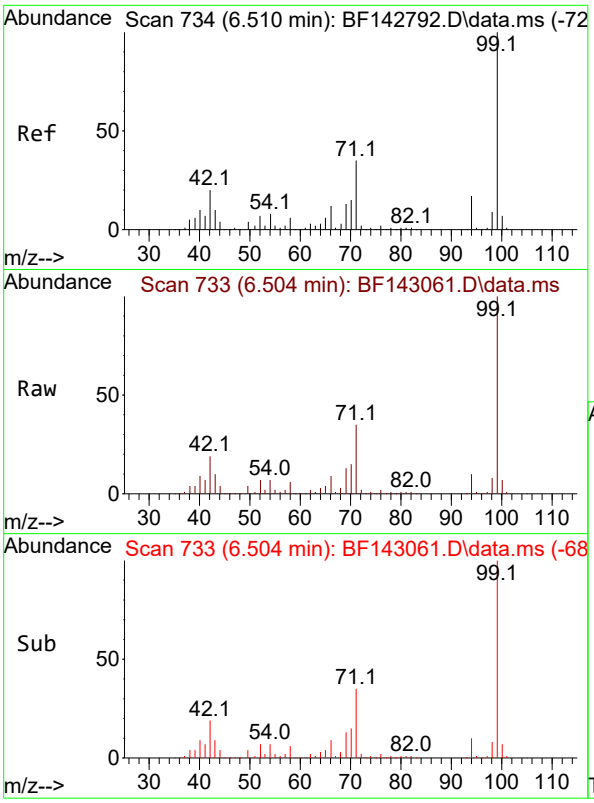


#6
Aniline
Concen: 27.536 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 93 Resp: 127670

Ion	Ratio	Lower	Upper
93	100		
66	48.2	31.8	47.6#
65	26.2	16.2	24.2#



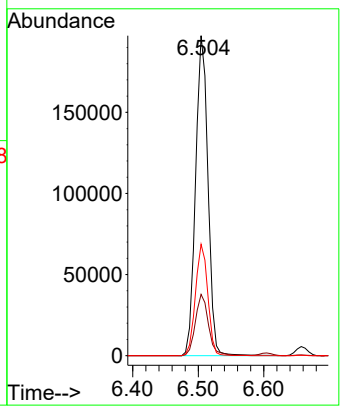


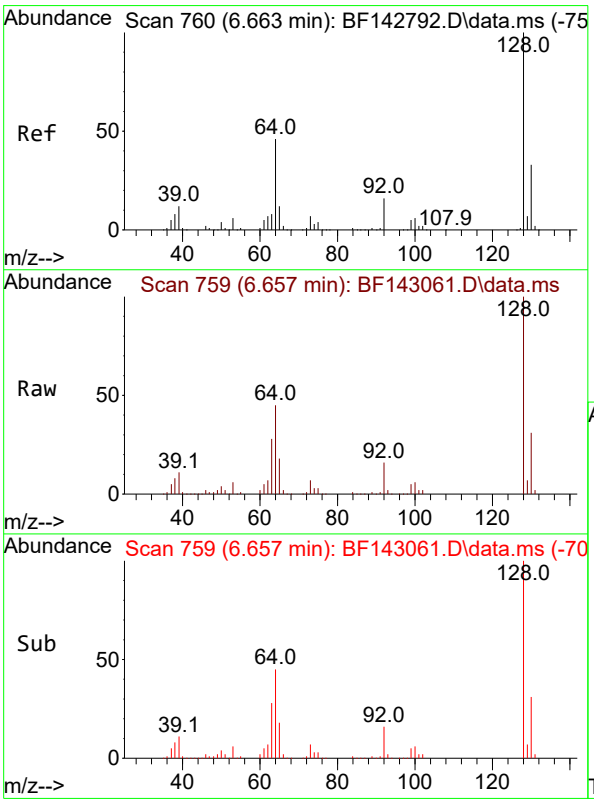
#7
Phenol-d6
Concen: 74.523 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 99 Resp: 259678

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

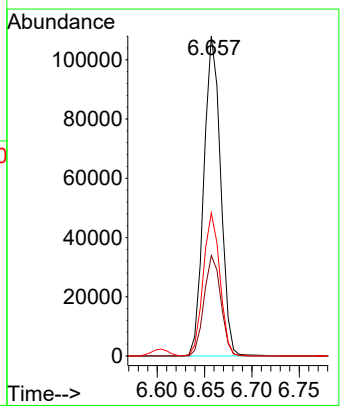


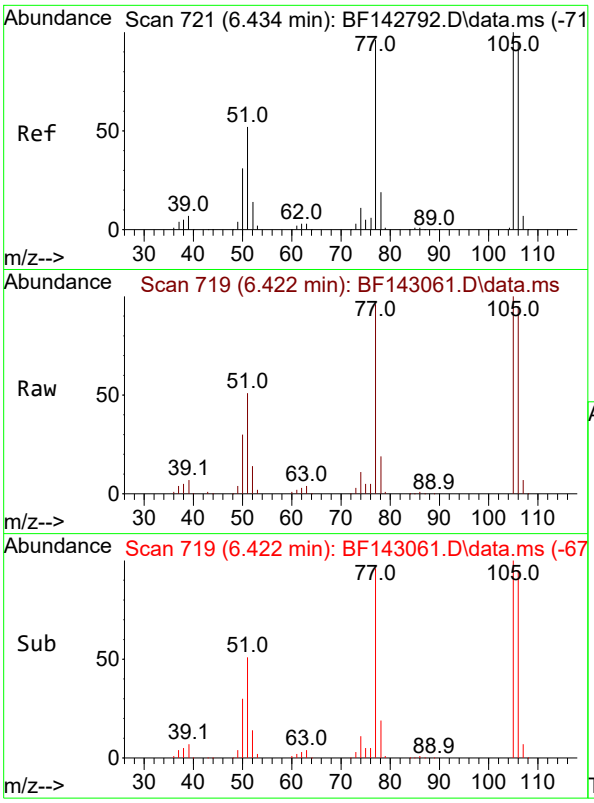


#8
2-Chlorophenol
Concen: 41.762 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:128 Resp: 133053

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.7	52.7
64	44.7	26.5	66.5



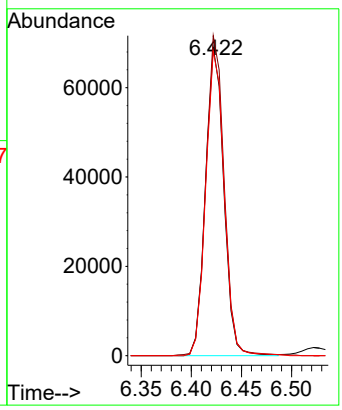


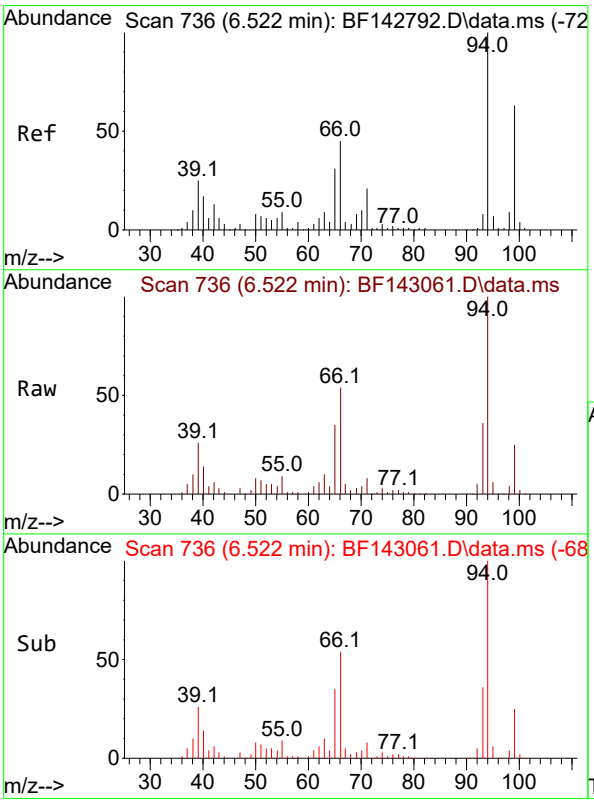
#9
Benzaldehyde
Concen: 42.418 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 77 Resp: 87690

Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.8	123.8
106	98.8	78.7	118.7

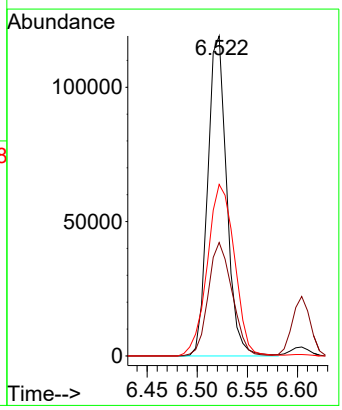


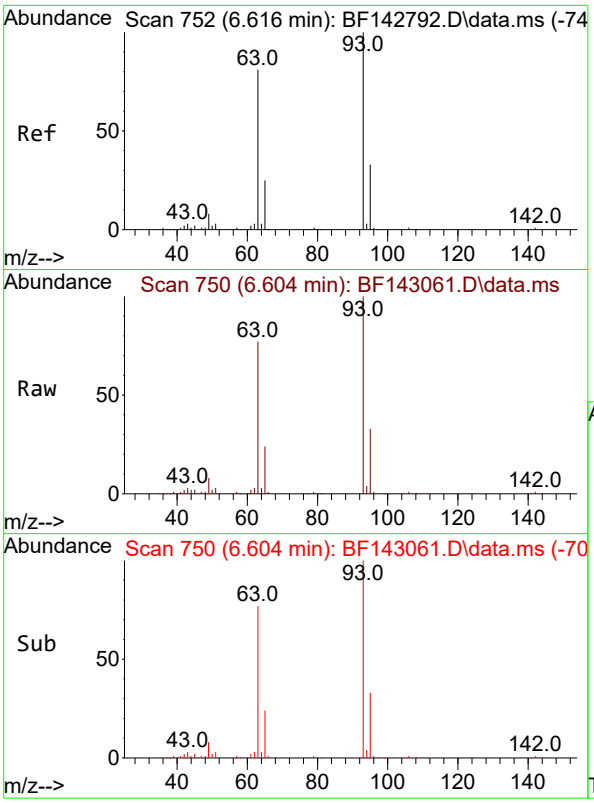


#10
Phenol
Concen: 40.558 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 94 Resp: 157093

Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.3	51.3
66	53.6	24.9	64.9



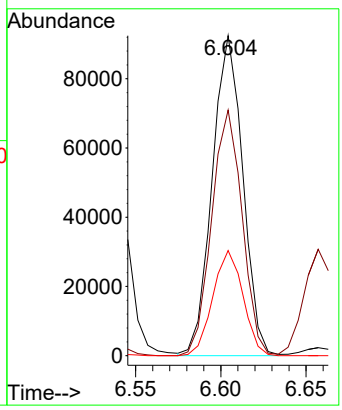


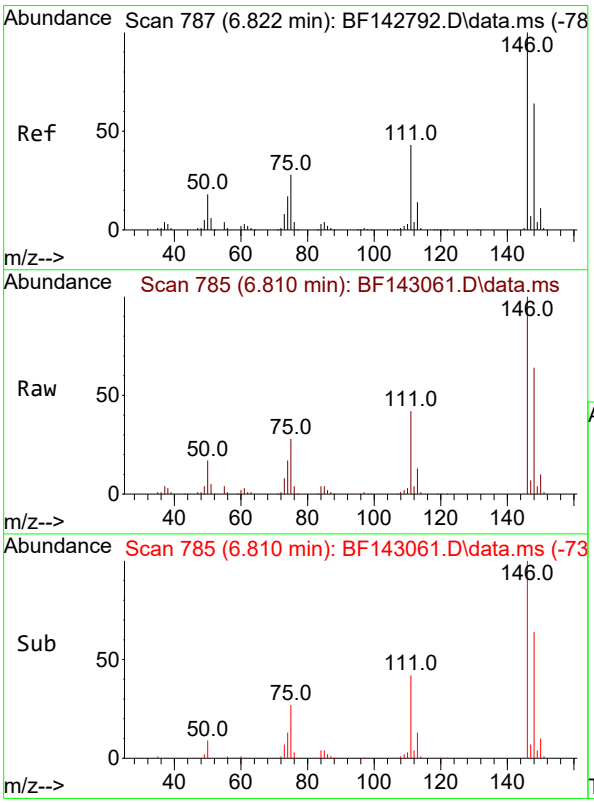
#11
bis(2-Chloroethyl)ether
Concen: 41.706 ng
RT: 6.604 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 93 Resp: 115455

Ion	Ratio	Lower	Upper
93	100		
63	76.7	60.3	100.3
95	32.9	12.5	52.5

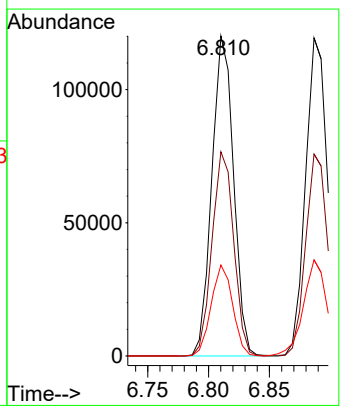


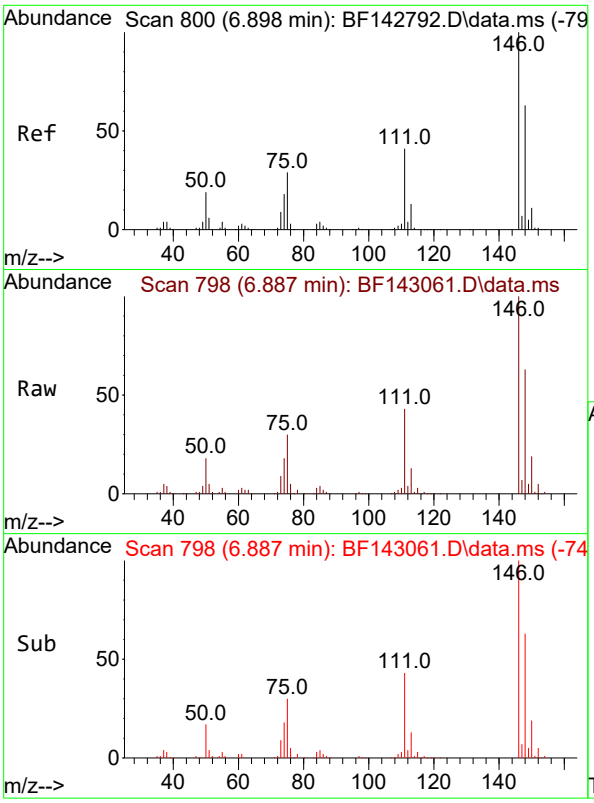


#12
1,3-Dichlorobenzene
Concen: 41.810 ng
RT: 6.810 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:146 Resp: 148975

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
75	28.4	22.7	34.1



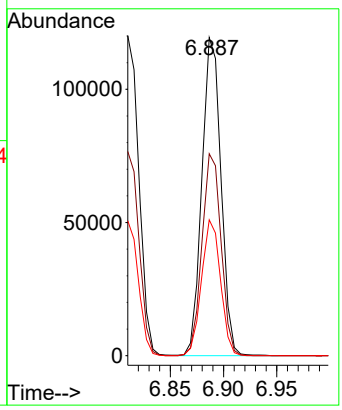


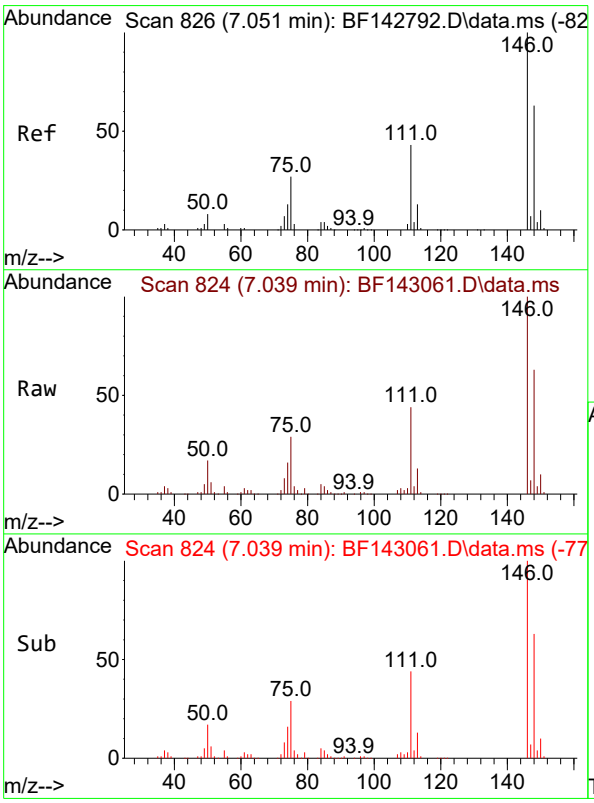
#13
1,4-Dichlorobenzene
Concen: 41.544 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:146 Resp: 149347

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.2	75.2
111	42.7	33.2	49.8

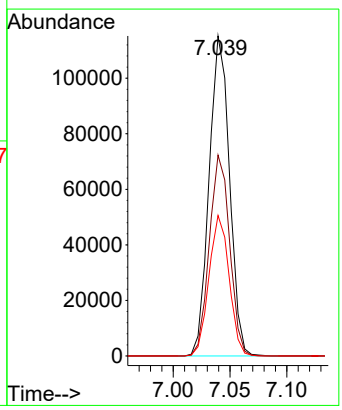


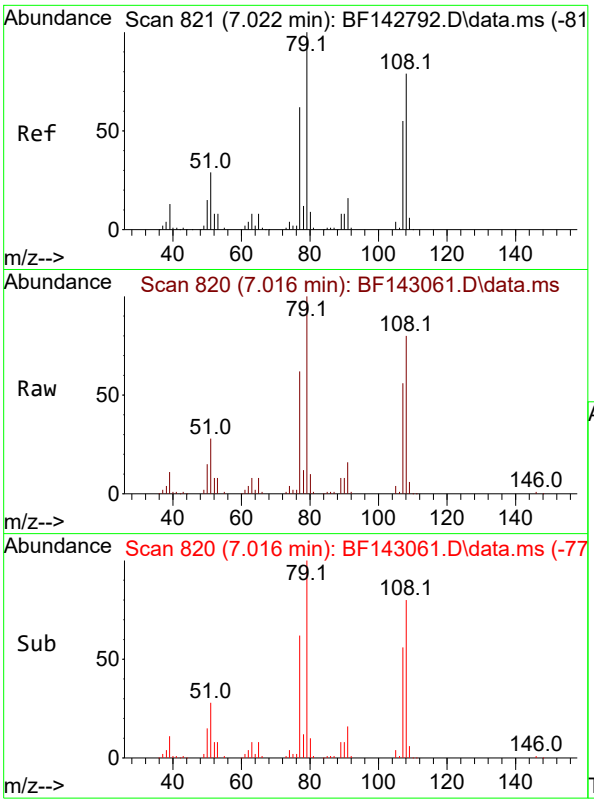


#14
1,2-Dichlorobenzene
Concen: 42.199 ng
RT: 7.039 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:146 Resp: 143888

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	43.9	34.1	51.1



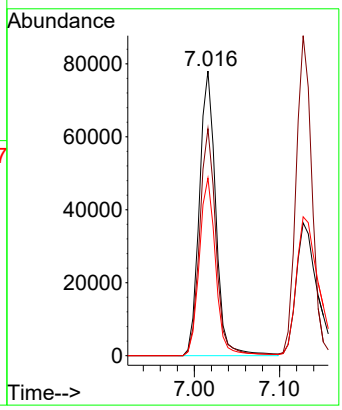


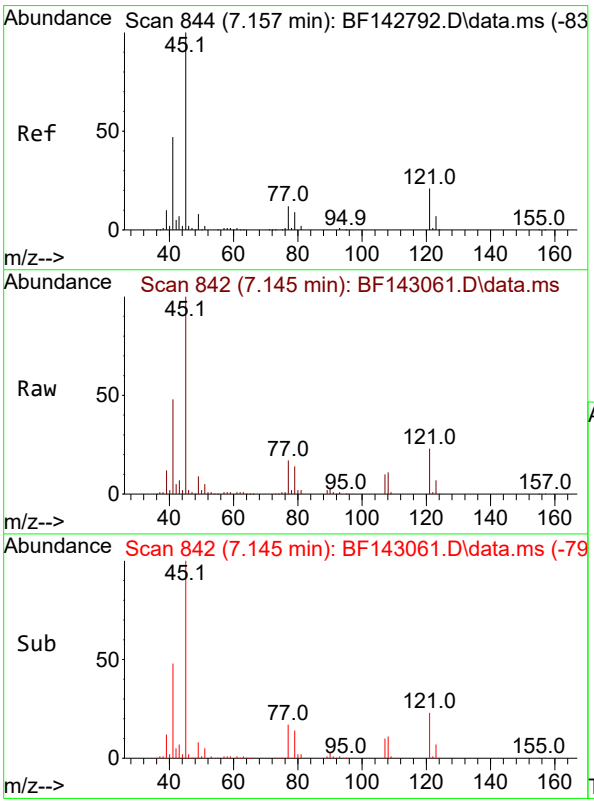
#15
Benzyl Alcohol
Concen: 41.358 ng
RT: 7.016 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 79 Resp: 104184

Ion	Ratio	Lower	Upper
79	100		
108	79.7	63.4	95.0
77	62.4	49.5	74.3

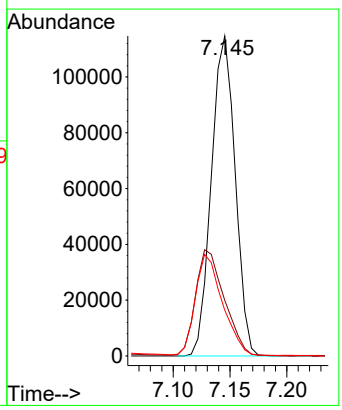


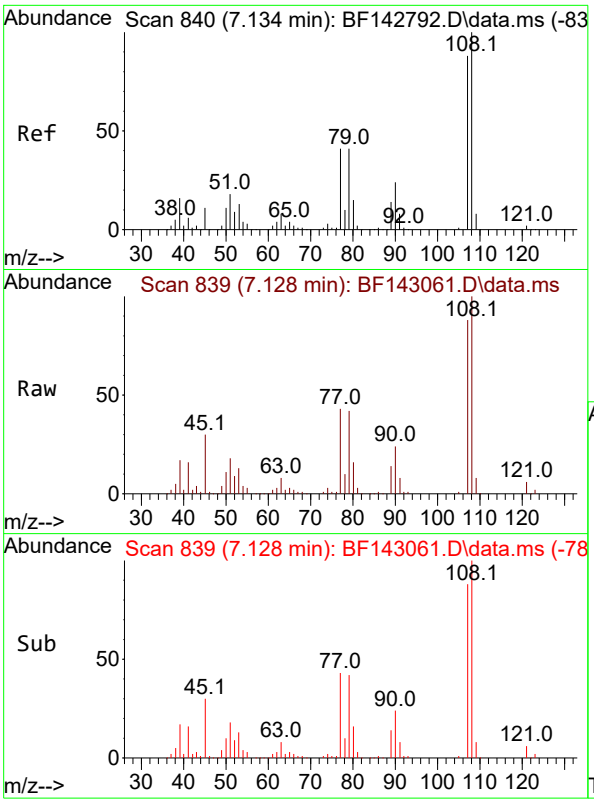


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.523 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 45 Resp: 166890

Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	32.8
79	14.3	0.0	29.8



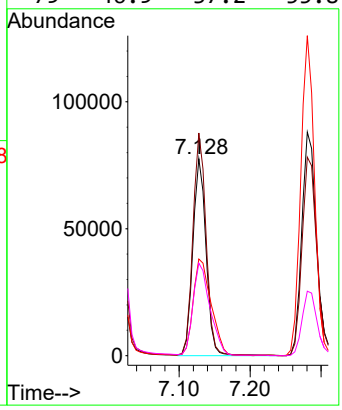


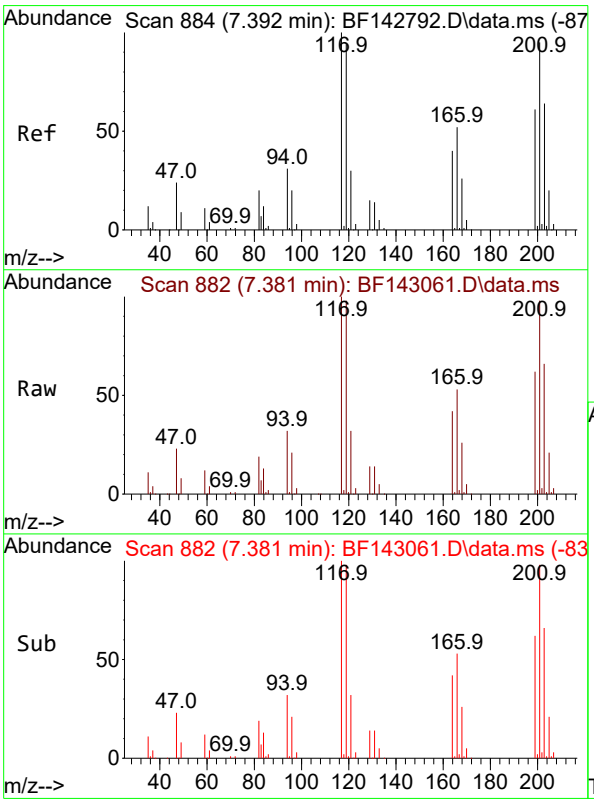
#17
2-Methylphenol
Concen: 41.772 ng
RT: 7.128 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:107 Resp: 100852

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.9	136.3
77	49.1	37.3	55.9
79	46.9	37.2	55.8

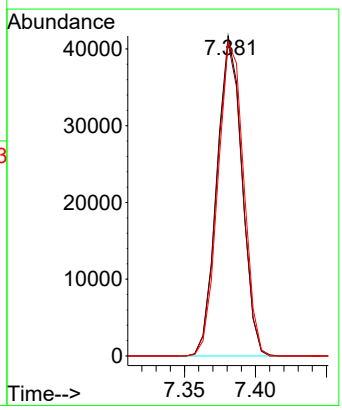


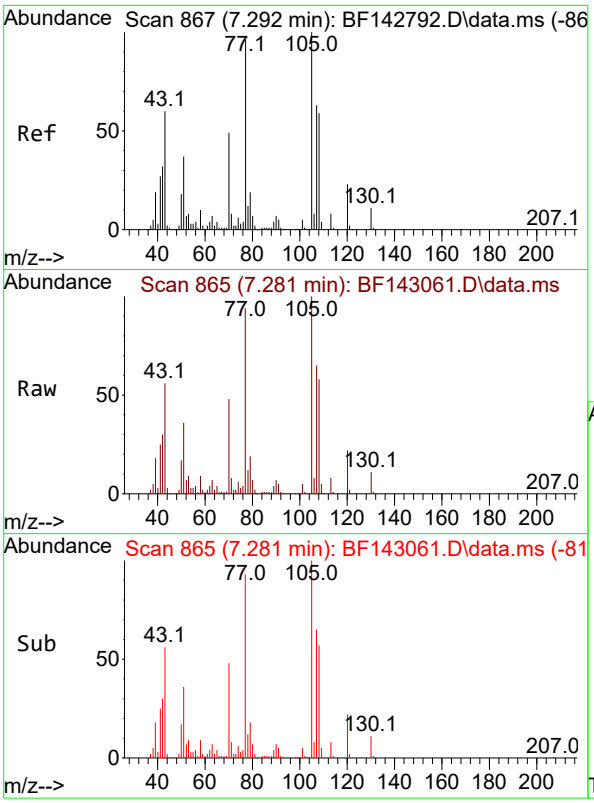


#18
Hexachloroethane
Concen: 40.784 ng
RT: 7.381 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:117 Resp: 51282

Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.4	113.0
201	98.1	75.9	113.9



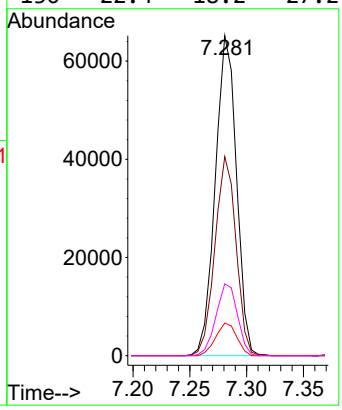


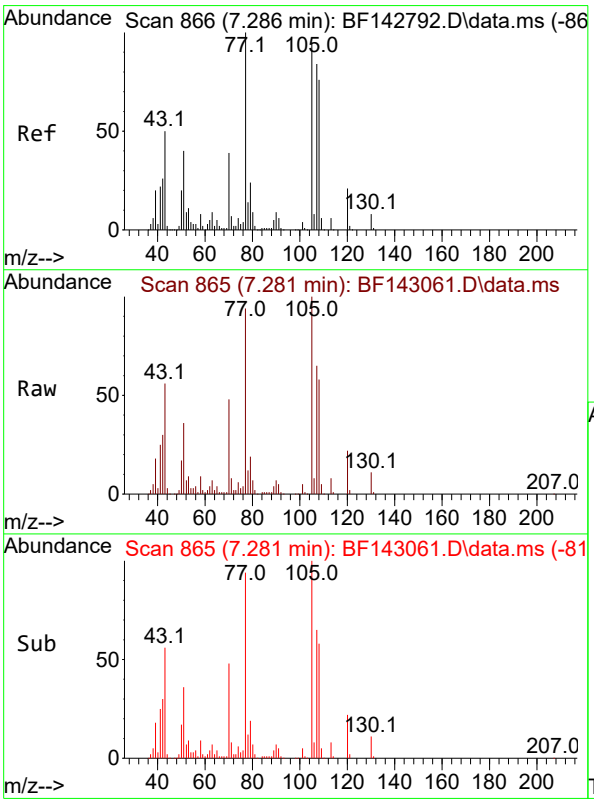
#19
n-Nitroso-di-n-propylamine
Concen: 41.743 ng
RT: 7.281 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 70 Resp: 84596

Ion	Ratio	Lower	Upper
70	100		
42	62.2	52.1	78.1
101	10.2	8.2	12.2
130	22.4	18.2	27.2

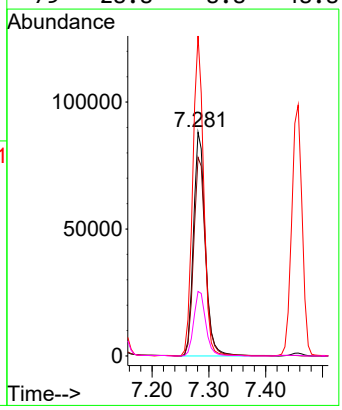


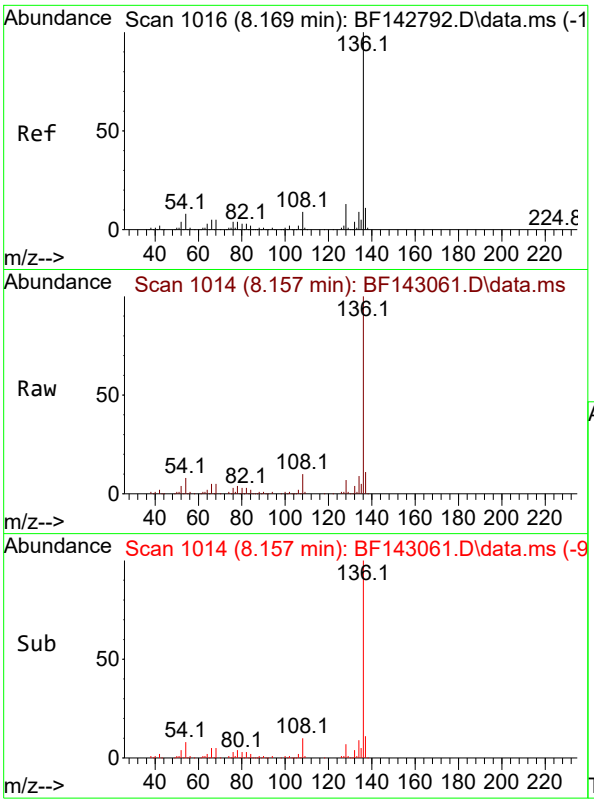


#20
3+4-Methylphenols
Concen: 42.437 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:107 Resp: 127747

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.0	110.0
77	143.0	98.5	138.5#
79	28.8	8.8	48.8



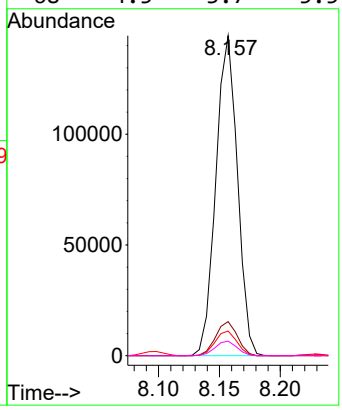


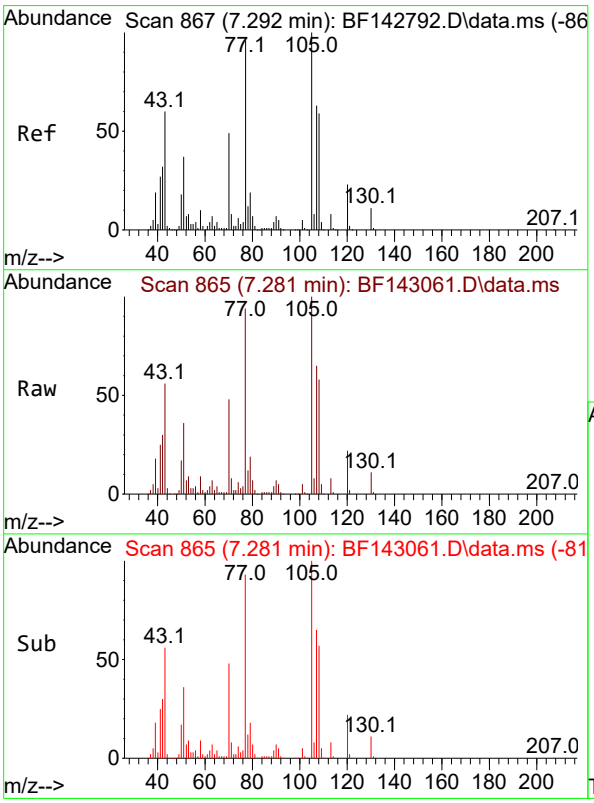
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:136 Resp: 178050

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.7	6.3	9.5
68	4.5	3.7	5.5

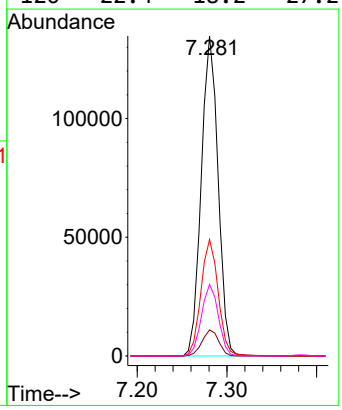


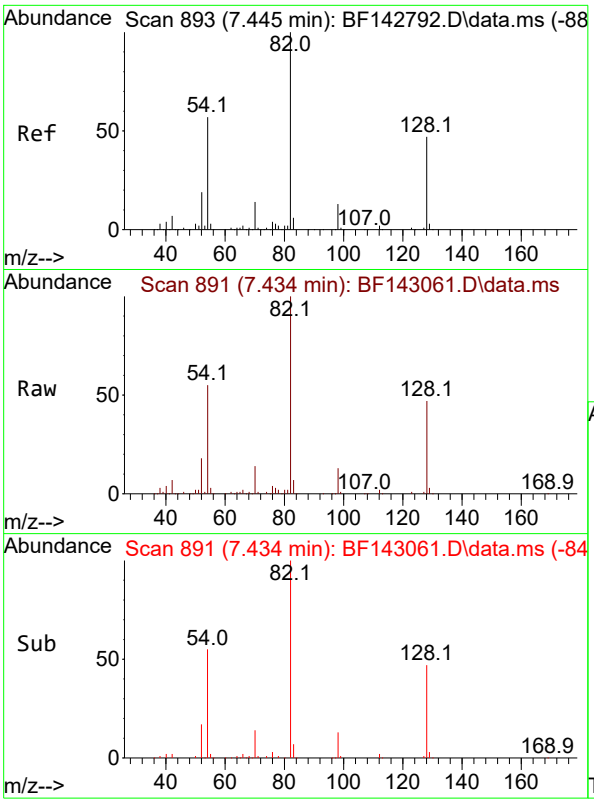


#22
Acetophenone
Concen: 44.750 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:105 Resp: 175702

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.5	9.7
51	36.4	29.8	44.8
120	22.4	18.2	27.2



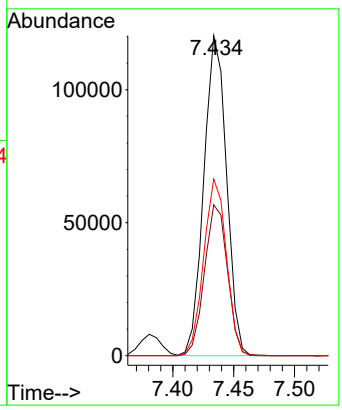


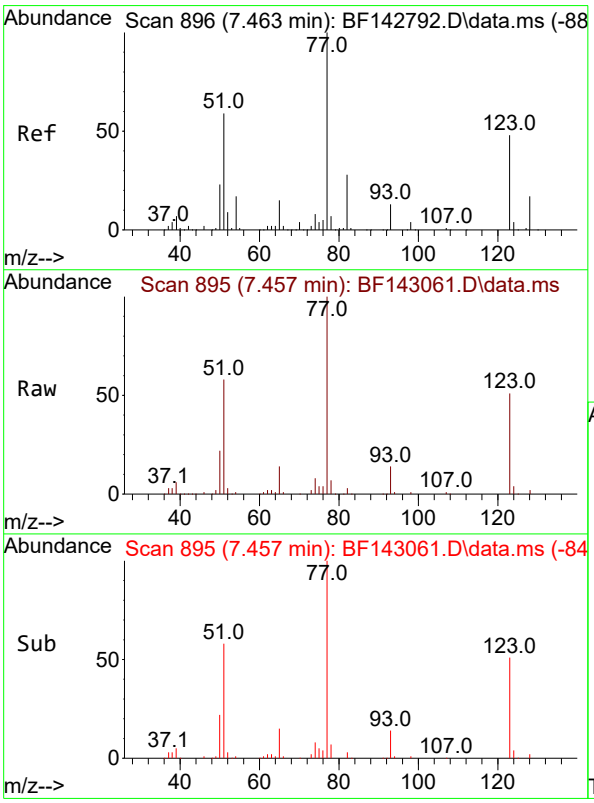
#23
Nitrobenzene-d5
Concen: 48.043 ng
RT: 7.434 min Scan# 8
Delta R.T. -0.011 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 82 Resp: 155950

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	55.2	45.7	68.5

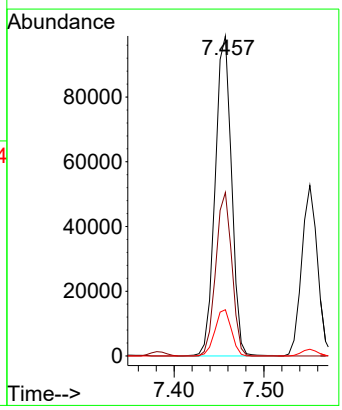


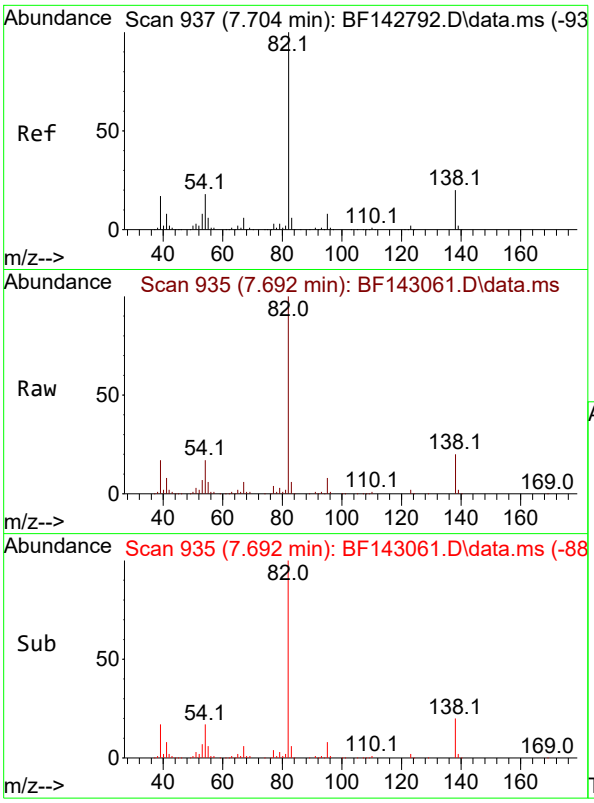


#24
Nitrobenzene
Concen: 42.672 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 77 Resp: 125370

Ion	Ratio	Lower	Upper
77	100		
123	51.1	39.2	58.8
65	14.5	11.6	17.4



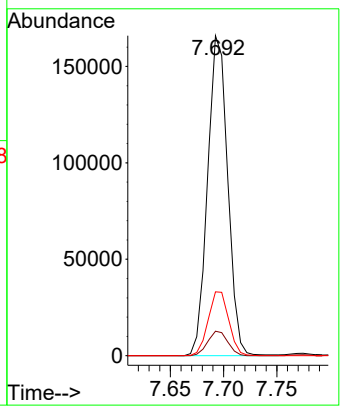


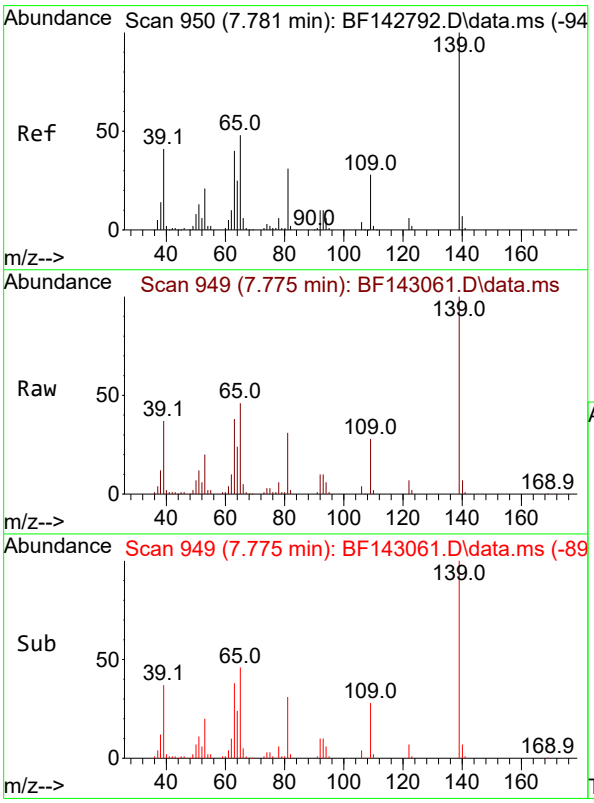
#25
Isophorone
Concen: 41.924 ng
RT: 7.692 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 82 Resp: 218308

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	20.0	16.2	24.4

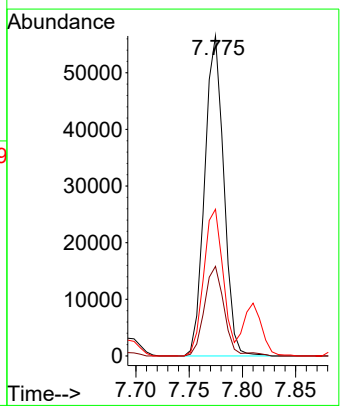


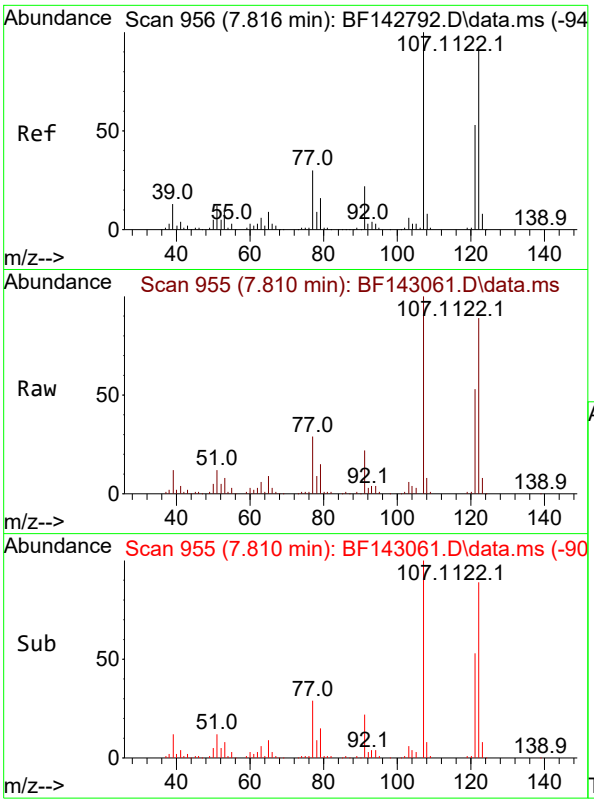


#26
2-Nitrophenol
Concen: 44.121 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:139 Resp: 70614

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.7	34.1
65	45.8	38.6	58.0



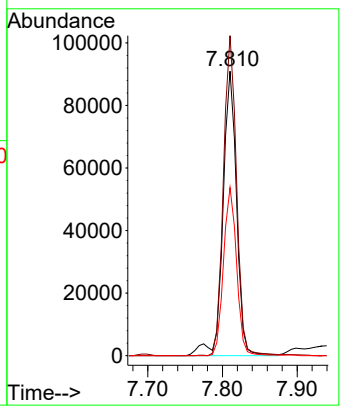


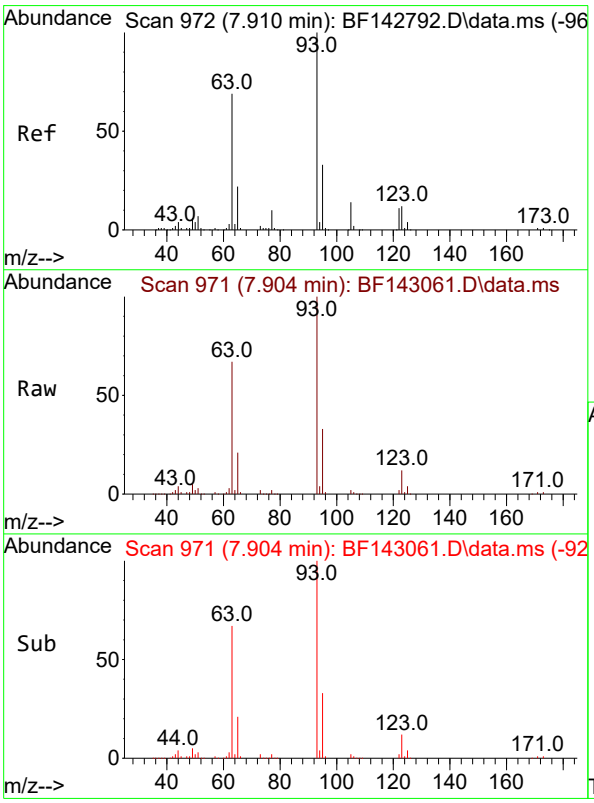
#27
2,4-Dimethylphenol
Concen: 41.839 ng m
RT: 7.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:122 Resp: 115988

Ion	Ratio	Lower	Upper
122	100		
107	112.5	88.0	132.0
121	59.1	46.3	69.5

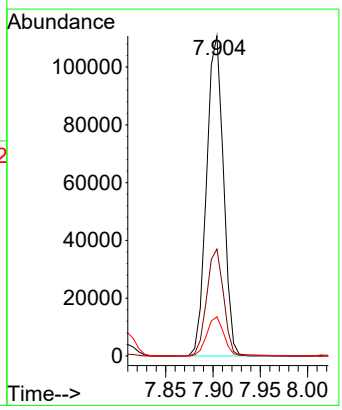


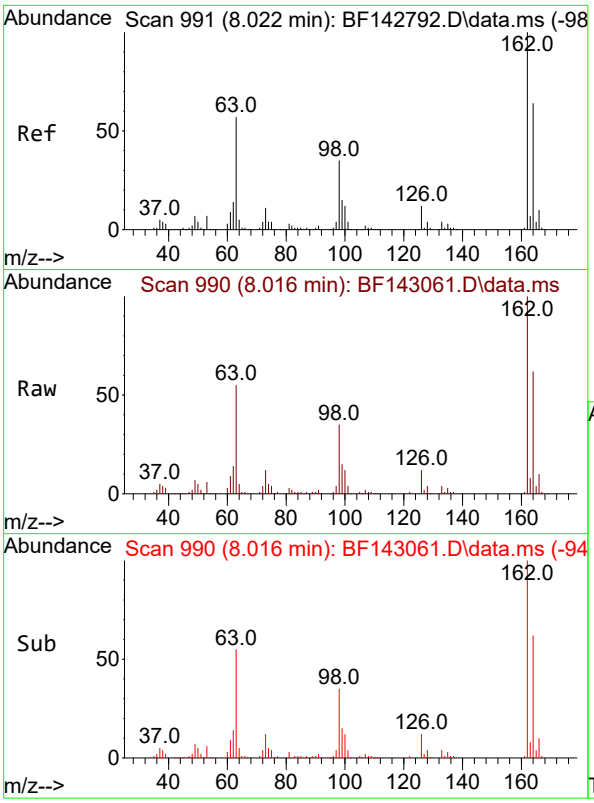


#28
bis(2-Chloroethoxy)methane
Concen: 41.419 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 93 Resp: 137119

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.2	39.2
123	12.2	9.9	14.9



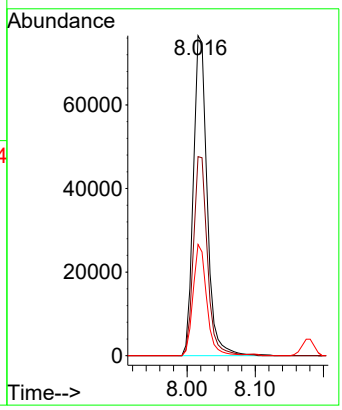


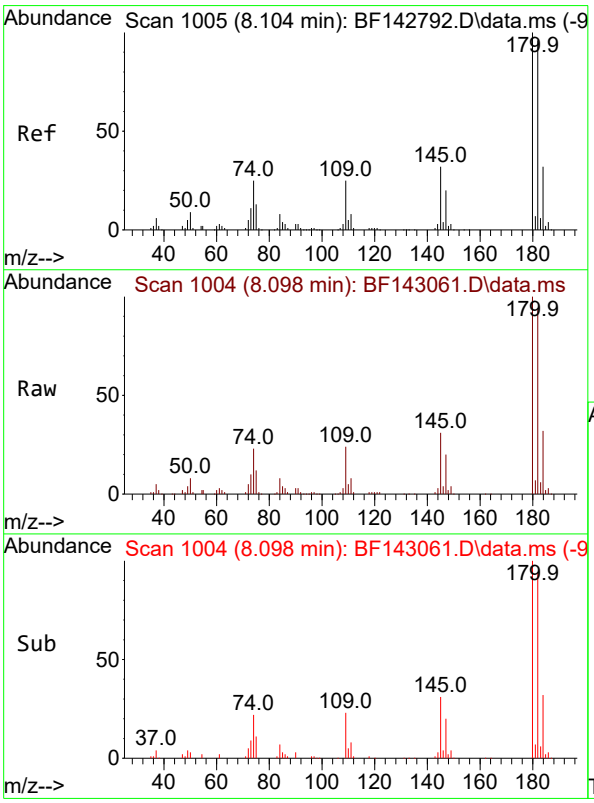
#29
2,4-Dichlorophenol
Concen: 42.730 ng
RT: 8.016 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:162 Resp: 107408

Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.0	84.0
98	34.8	15.4	55.4

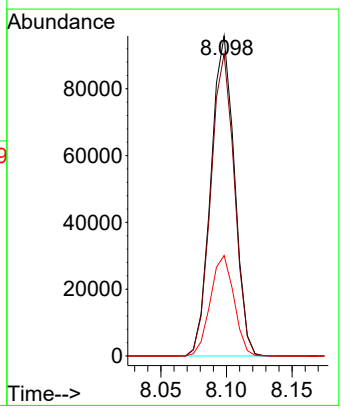


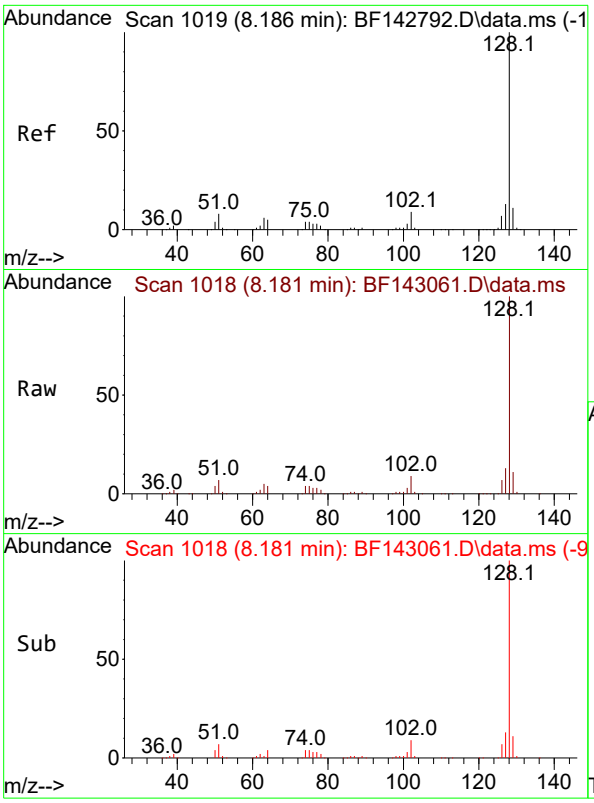


#30
1,2,4-Trichlorobenzene
Concen: 43.152 ng
RT: 8.098 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:180 Resp: 119274

Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	31.4	25.8	38.8



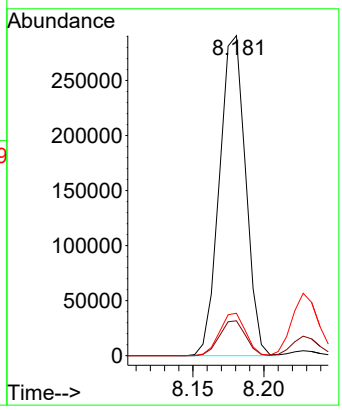


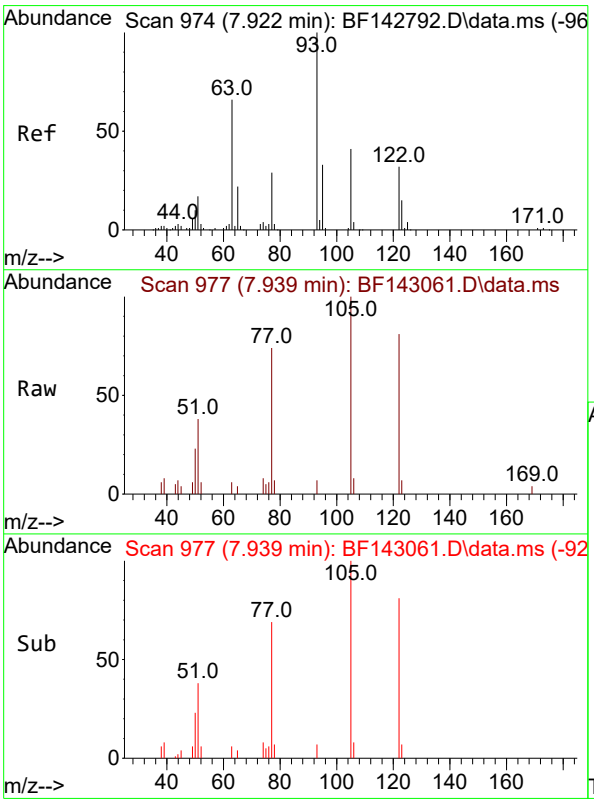
#31
Naphthalene
Concen: 42.747 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:128 Resp: 372552

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6

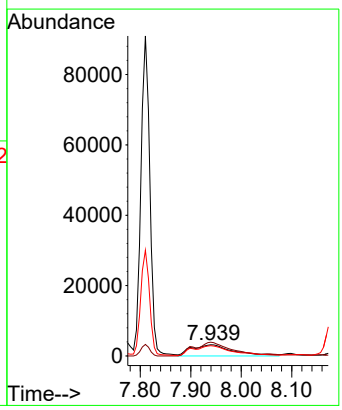


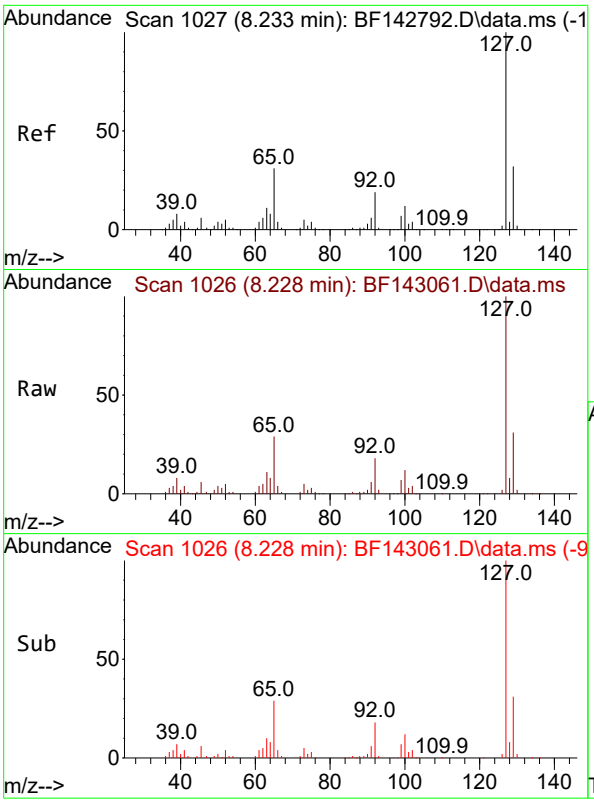


#32
Benzoic acid
Concen: 12.923 ng m
RT: 7.939 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:122 Resp: 18260

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.7	144.7
77	90.9	70.2	110.2



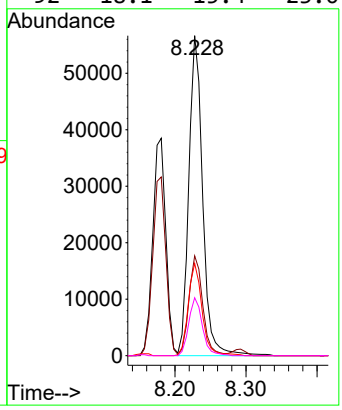


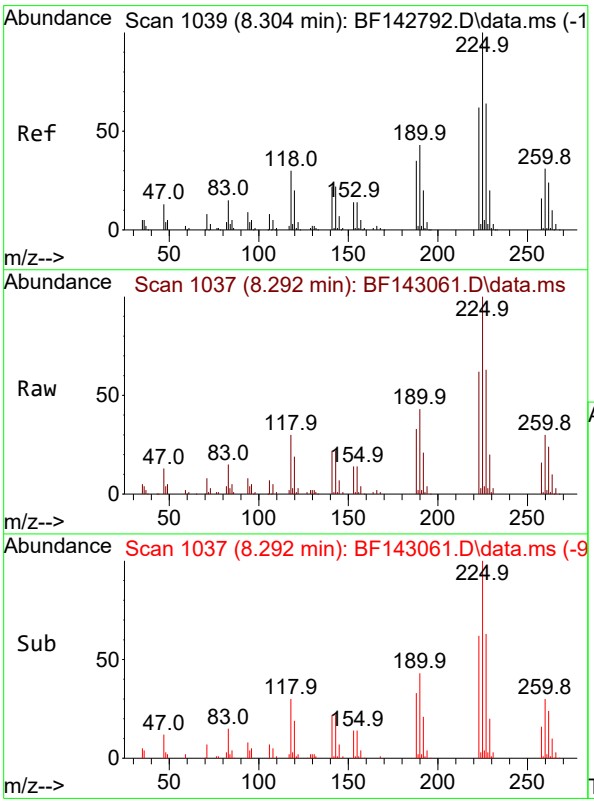
#33
4-Chloroaniline
Concen: 21.675 ng
RT: 8.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:127 Resp: 76813

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	28.8	24.6	36.8
92	18.1	15.4	23.0

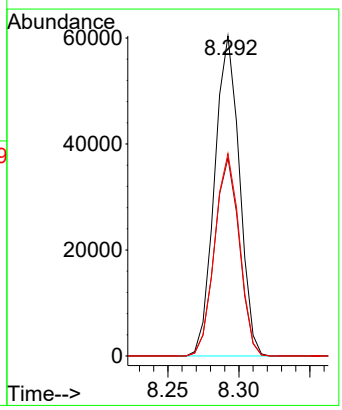


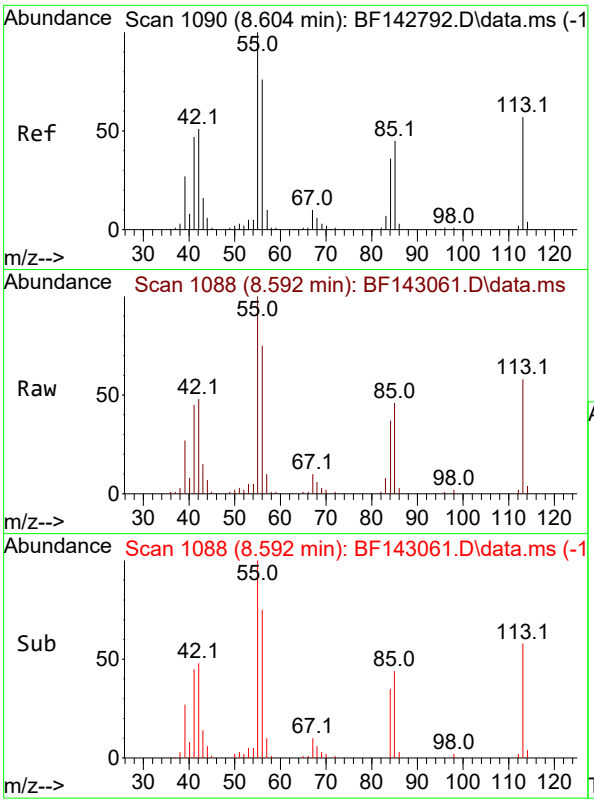


#34
Hexachlorobutadiene
Concen: 43.391 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:225 Resp: 73363

Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.9	74.9
227	63.2	51.4	77.0



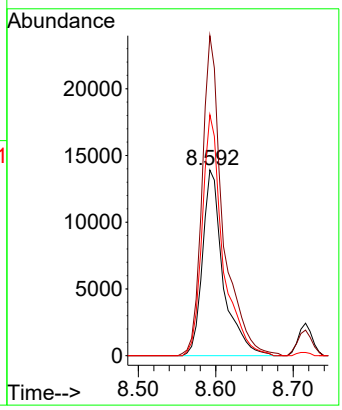


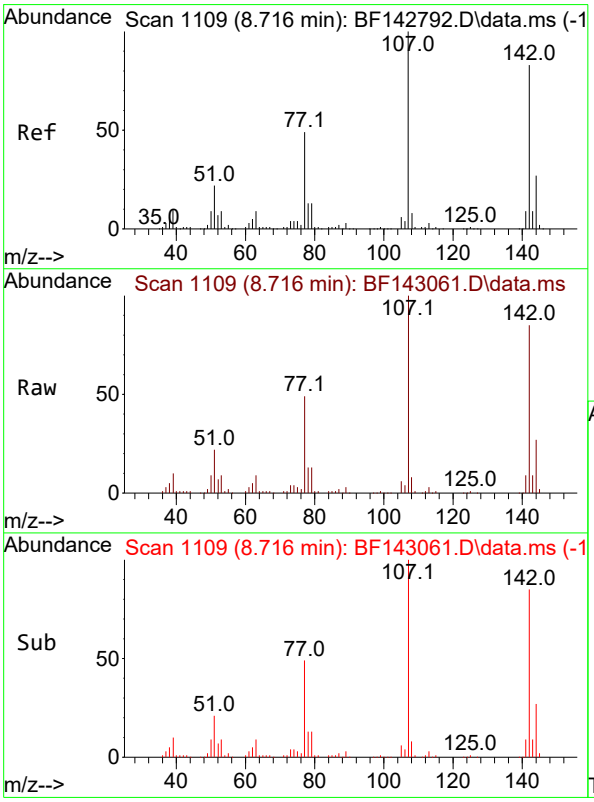
#35
Caprolactam
Concen: 38.939 ng
RT: 8.592 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:113 Resp: 25828

Ion	Ratio	Lower	Upper
113	100		
55	172.4	154.4	194.4
56	129.8	112.1	152.1

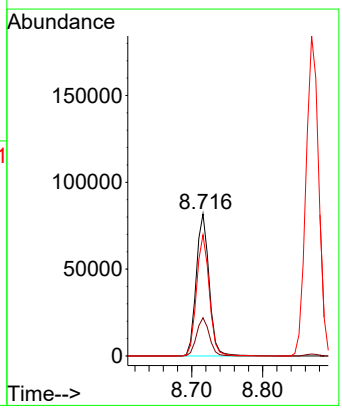


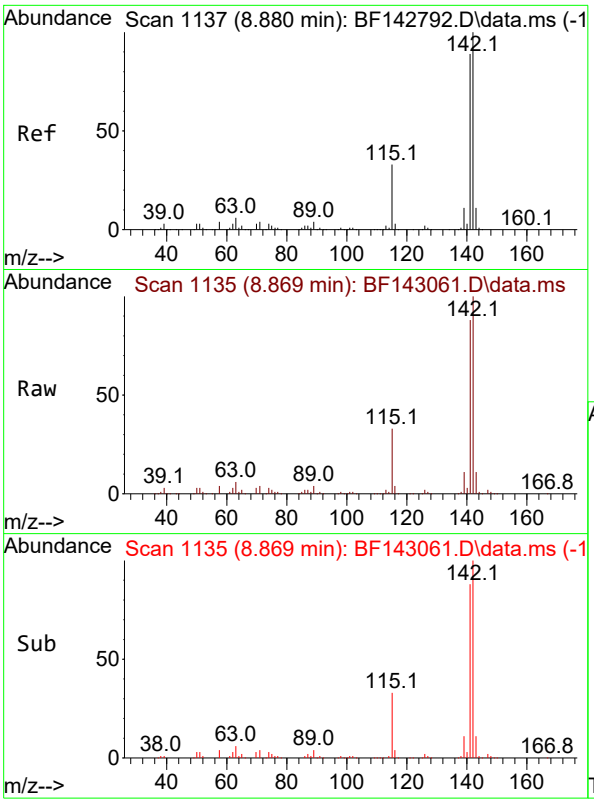


#36
4-Chloro-3-methylphenol
Concen: 41.439 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:107 Resp: 103523

Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.3	31.9
142	85.3	66.6	100.0



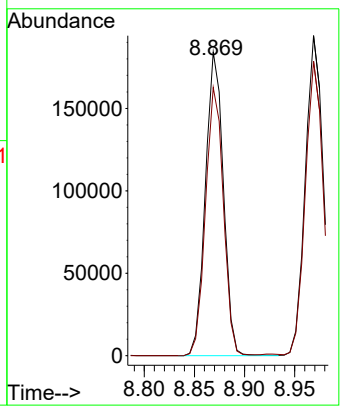


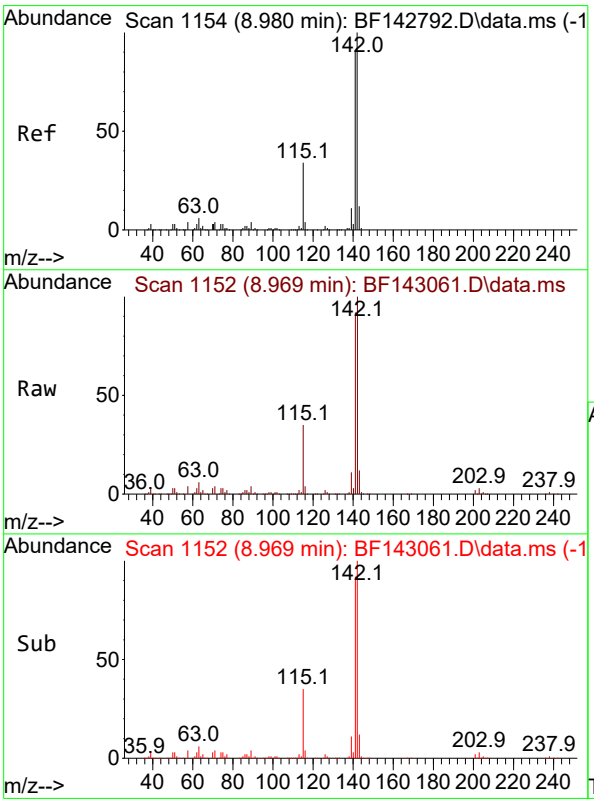
#37
2-Methylnaphthalene
Concen: 42.420 ng
RT: 8.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:142 Resp: 229201

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.9	106.3

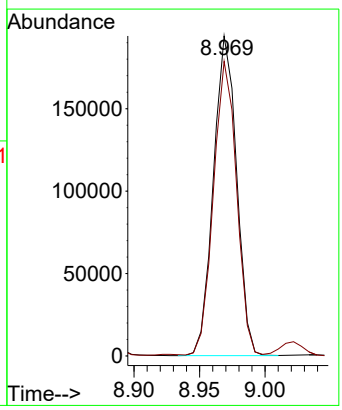


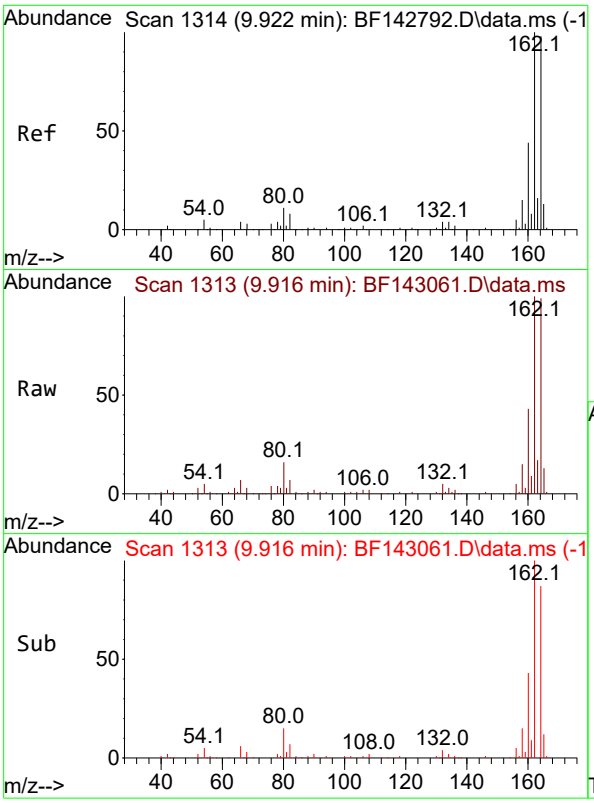


#38
1-Methylnaphthalene
Concen: 42.643 ng
RT: 8.969 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:142 Resp: 238515

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.4



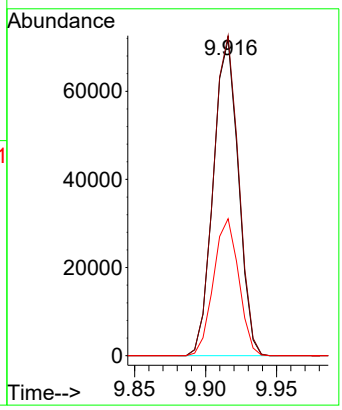


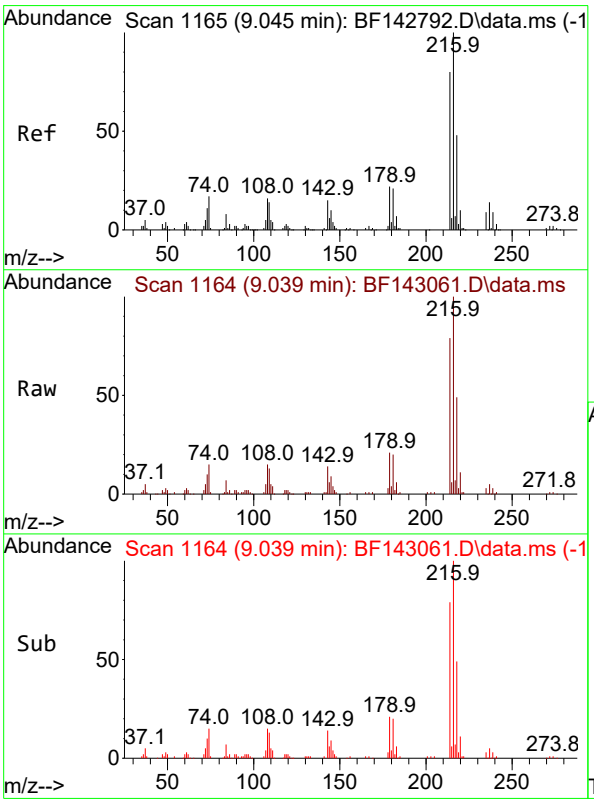
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:164 Resp: 87986

Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.8
160	43.3	36.0	54.0

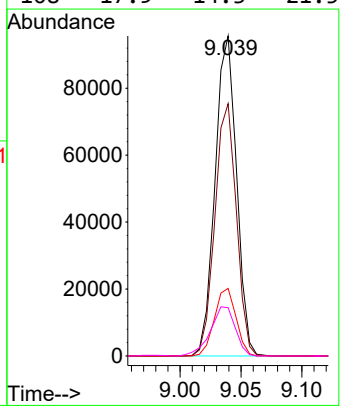


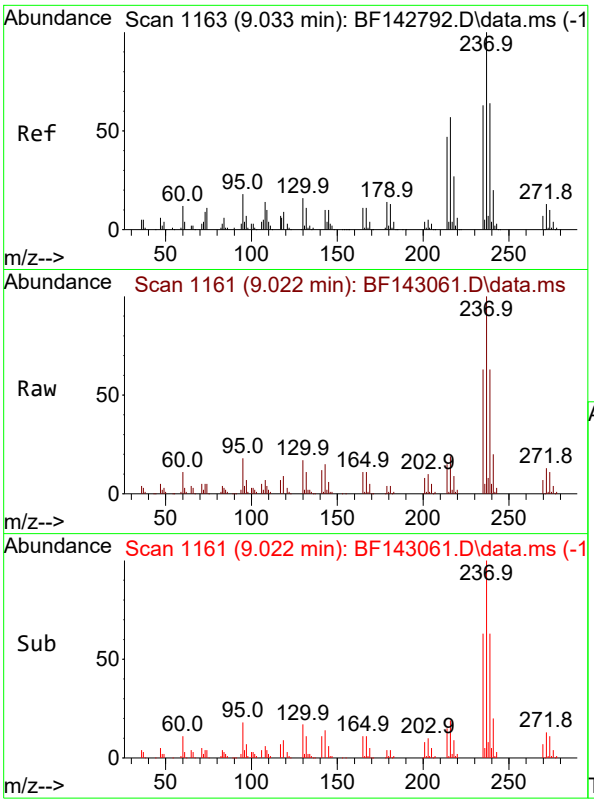


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.212 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:216 Resp: 117379

Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.7	95.5
179	21.2	17.6	26.4
108	17.9	14.3	21.5



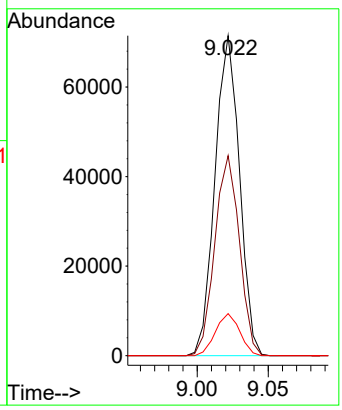


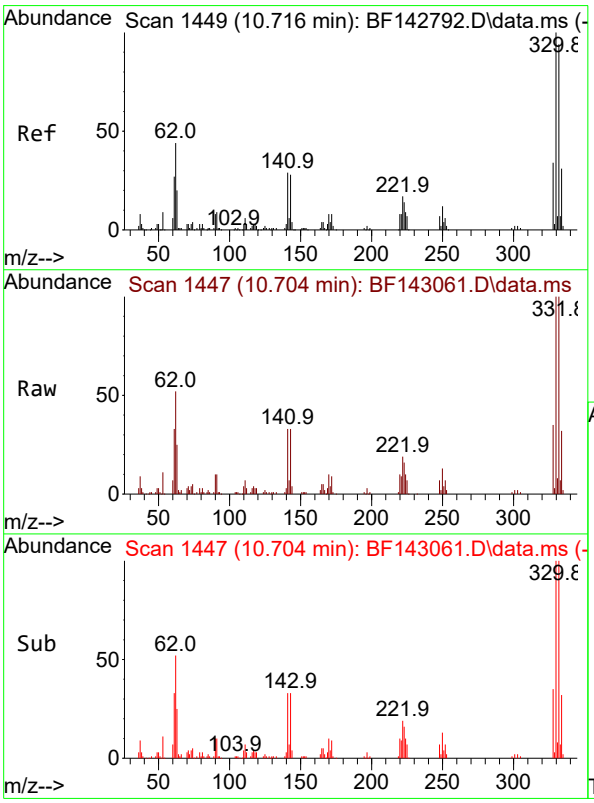
#41
Hexachlorocyclopentadiene
Concen: 58.134 ng
RT: 9.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:237 Resp: 85647

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.4	83.4
272	13.2	0.0	32.7

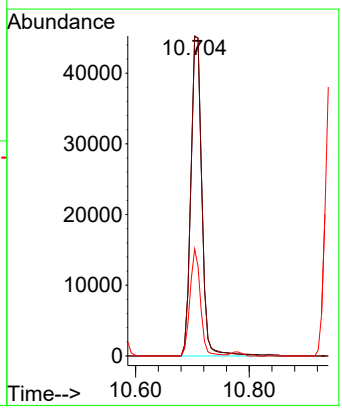


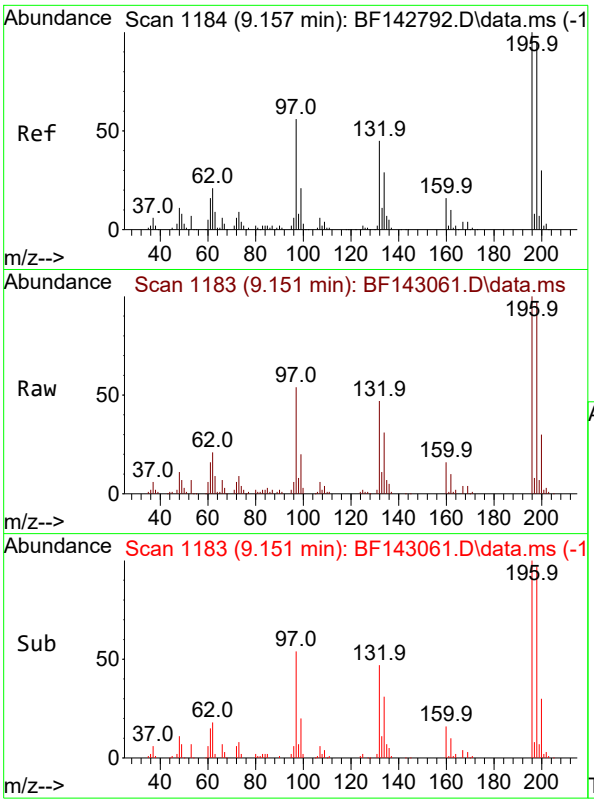


#42
2,4,6-Tribromophenol
Concen: 67.470 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:330 Resp: 61090

Ion	Ratio	Lower	Upper
330	100		
332	99.6	75.0	112.6
141	31.6	25.3	37.9



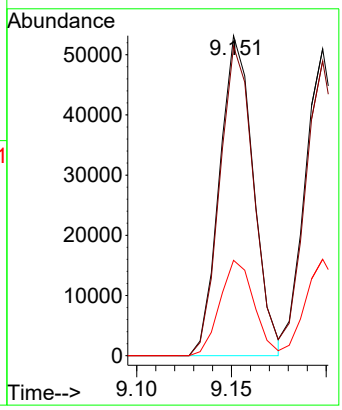


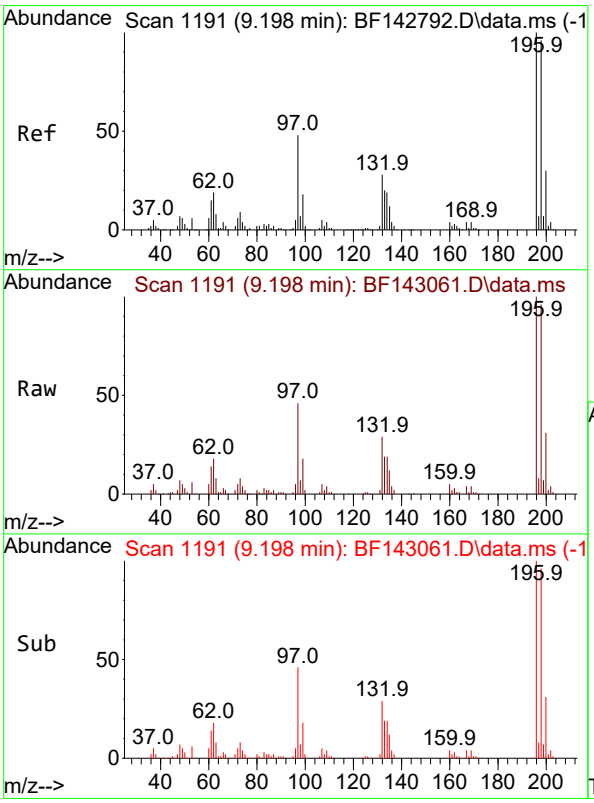
#43
2,4,6-Trichlorophenol
Concen: 39.097 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:196 Resp: 66141

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
200	29.8	24.1	36.1

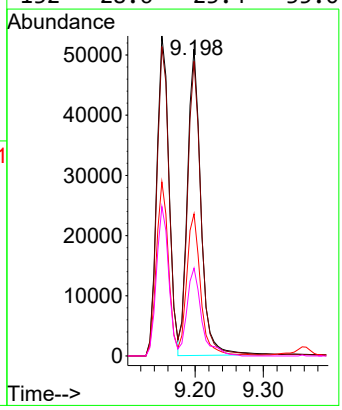


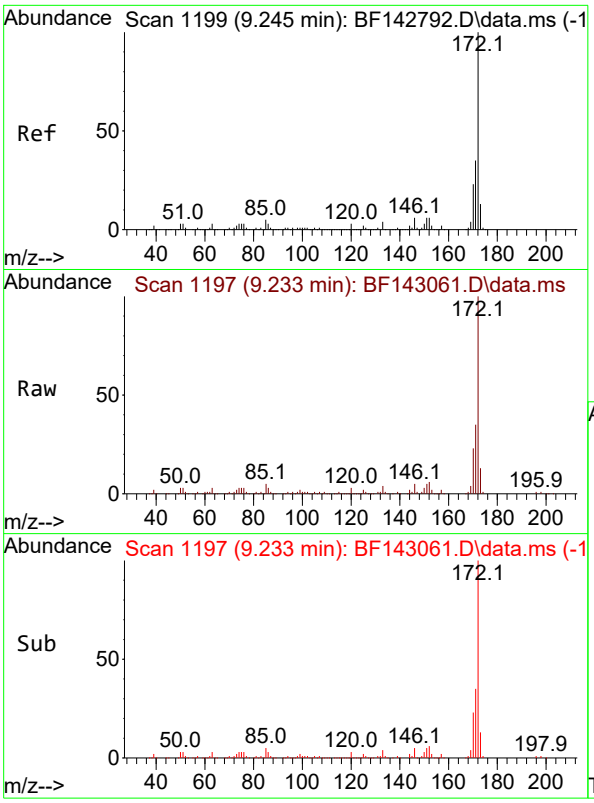


#44
2,4,5-Trichlorophenol
Concen: 39.153 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:196 Resp: 69726

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
97	46.3	38.2	57.2
132	28.6	23.4	35.0



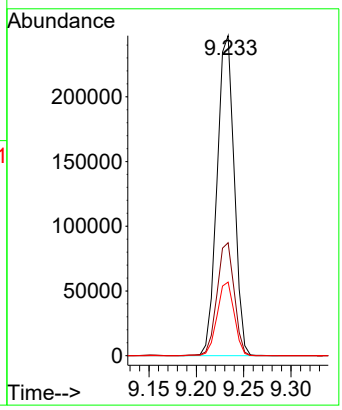


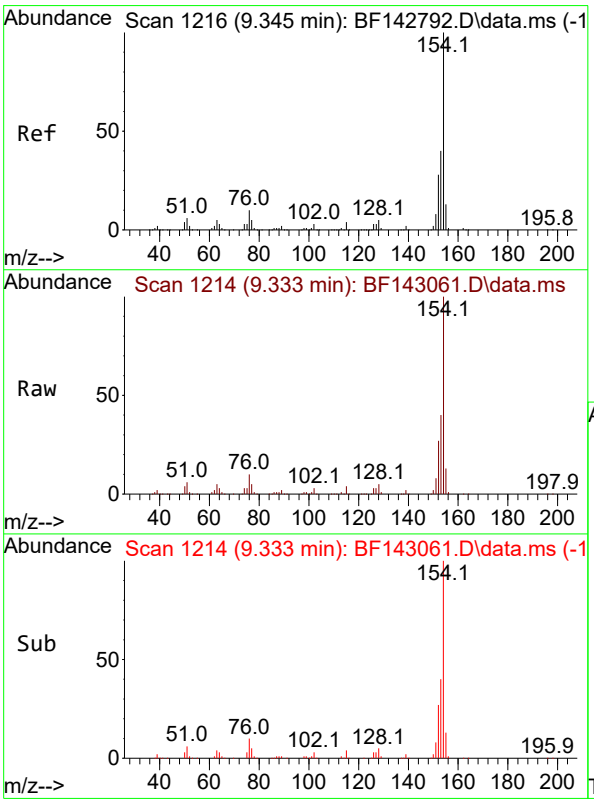
#45
2-Fluorobiphenyl
Concen: 46.522 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:172 Resp: 311592

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.0	18.5	27.7

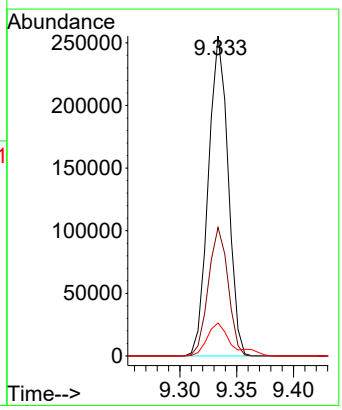


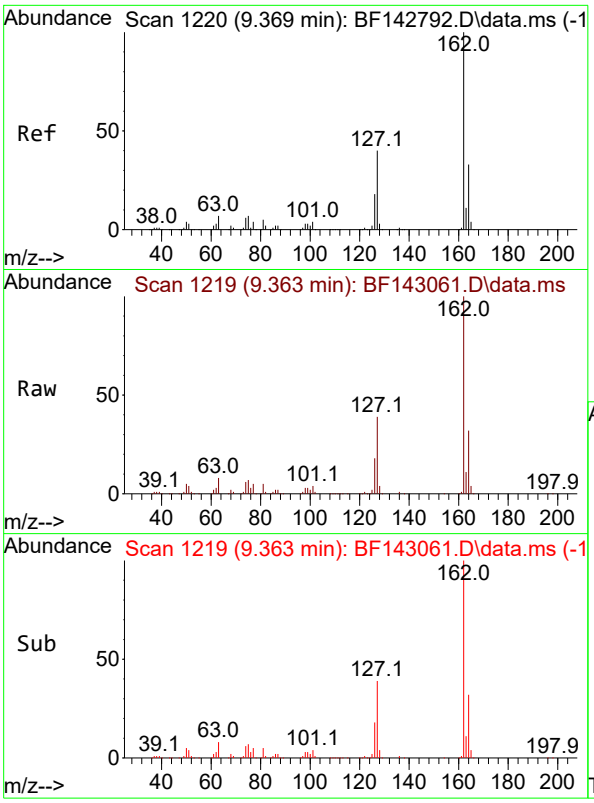


#46
1,1'-Biphenyl
Concen: 44.394 ng
RT: 9.333 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:154 Resp: 308555

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.3	60.3
76	10.3	0.0	30.3



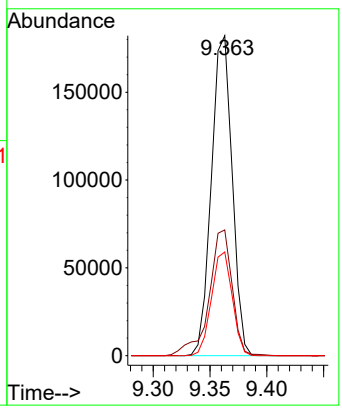


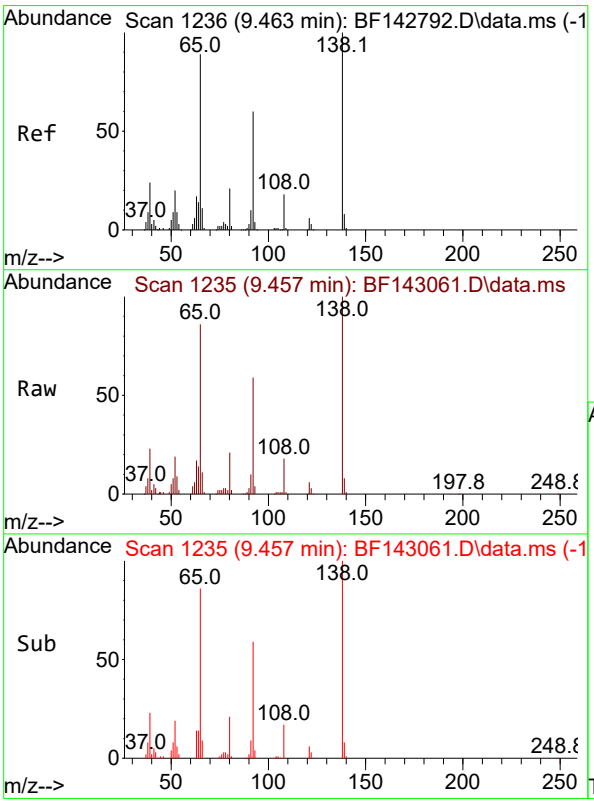
#47
2-Chloronaphthalene
Concen: 44.486 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:162 Resp: 232029

Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.2
164	32.4	26.1	39.1

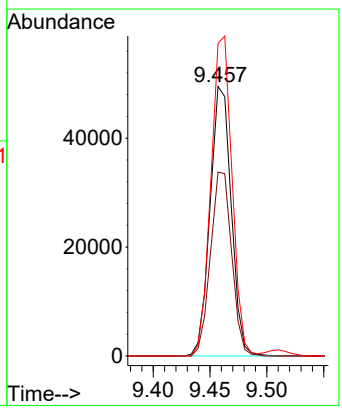


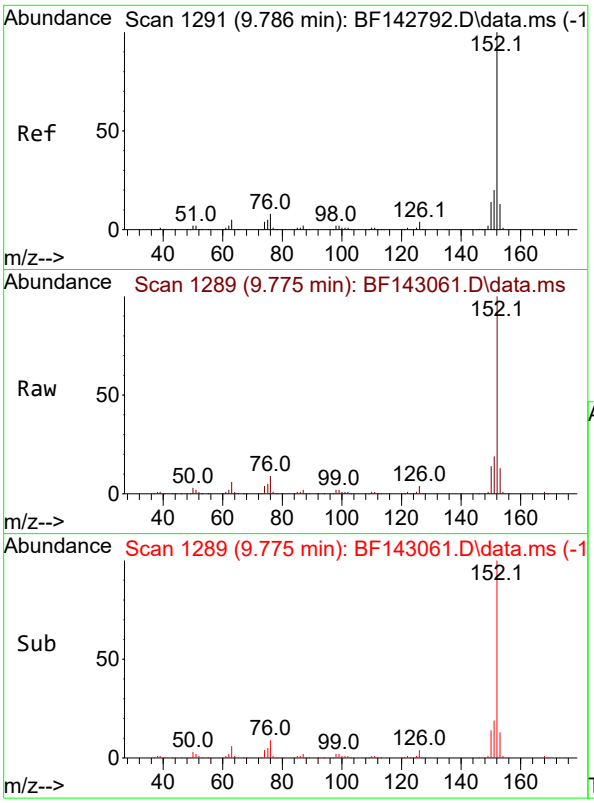


#48
2-Nitroaniline
Concen: 43.841 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion: 65 Resp: 64108

Ion	Ratio	Lower	Upper
65	100		
92	68.2	53.8	80.6
138	116.0	89.6	134.4



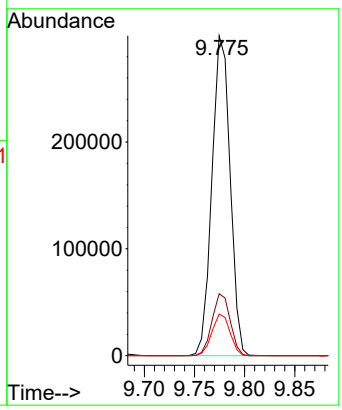


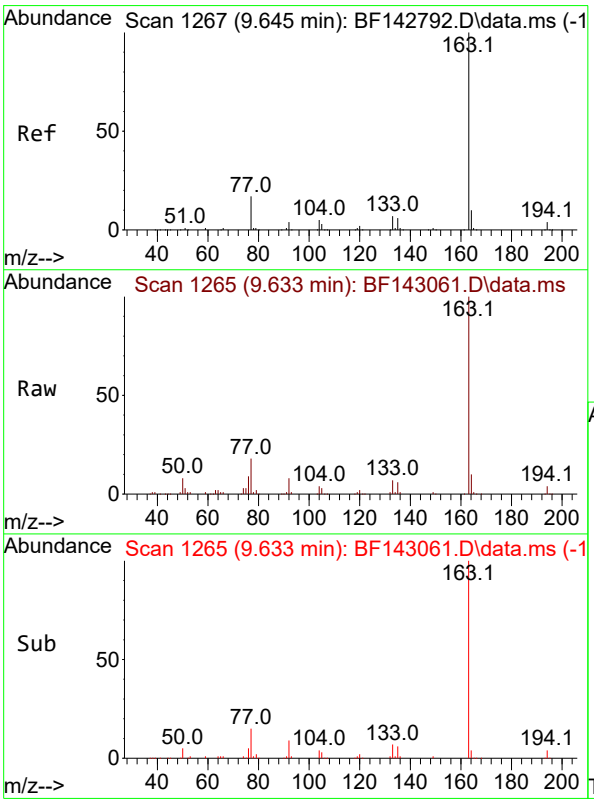
#49
Acenaphthylene
Concen: 43.938 ng
RT: 9.775 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:152 Resp: 377263

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.0	10.4	15.6

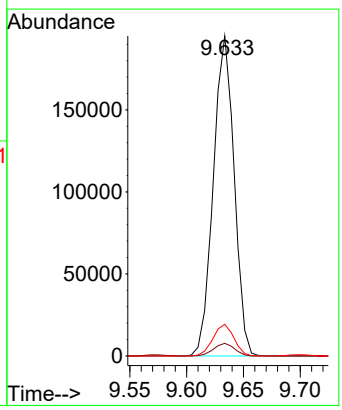


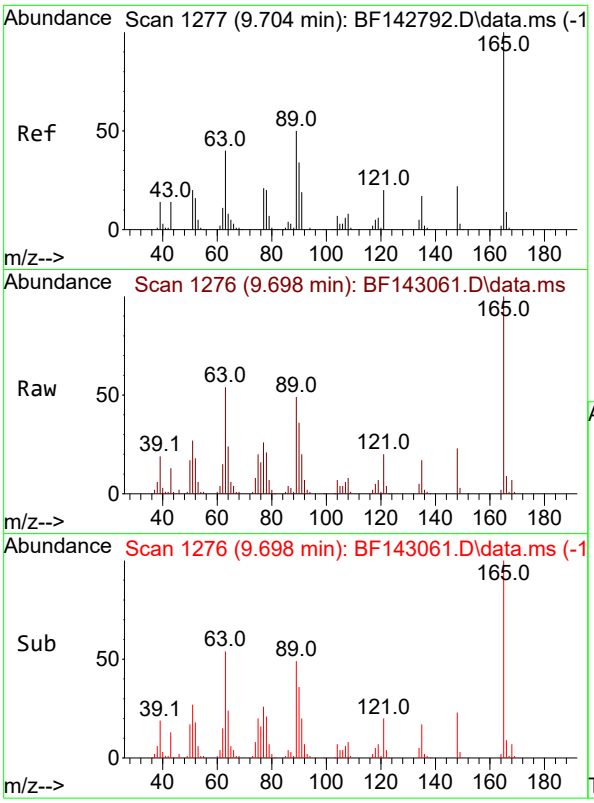


#50
Dimethylphthalate
Concen: 43.707 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:163 Resp: 248926

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.0	12.0



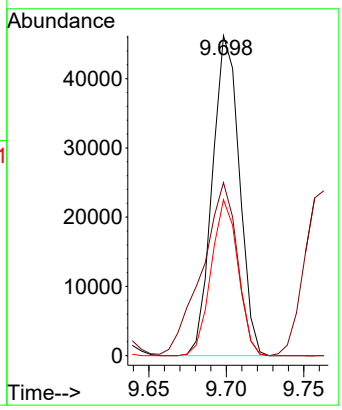


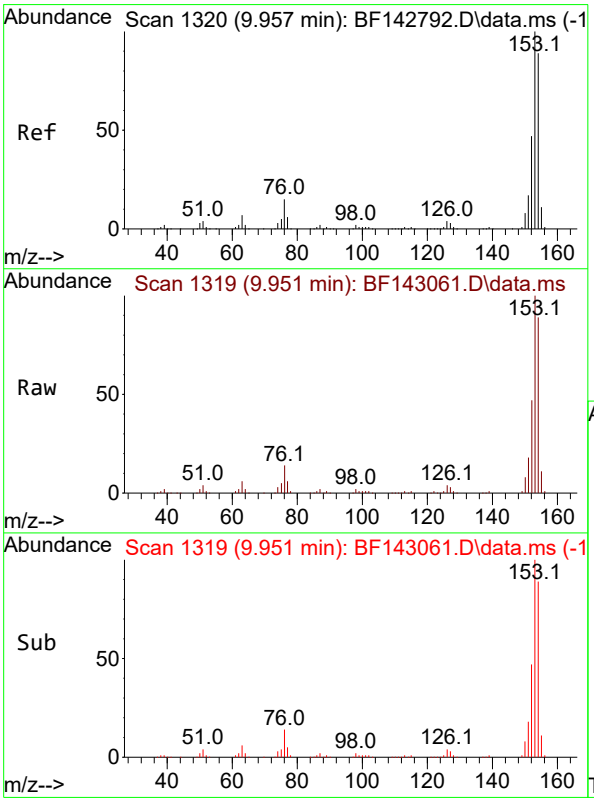
#51
2,6-Dinitrotoluene
Concen: 44.739 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:165 Resp: 55958

Ion	Ratio	Lower	Upper
165	100		
63	54.1	44.2	66.4
89	48.8	39.8	59.8

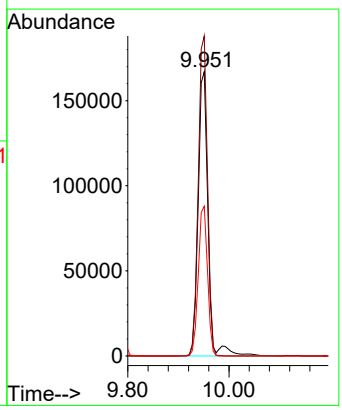


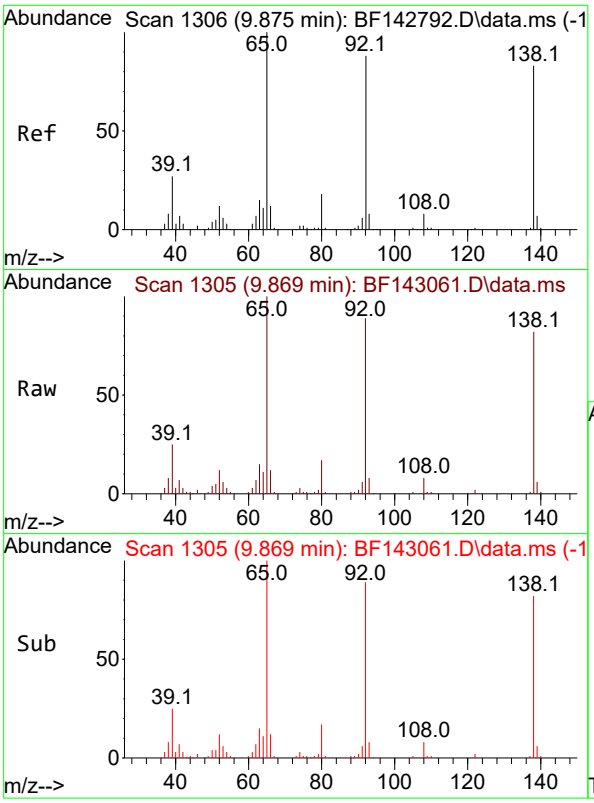


#52
Acenaphthene
Concen: 42.870 ng m
RT: 9.951 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:154 Resp: 224582

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.0	135.0
152	52.7	41.9	62.9



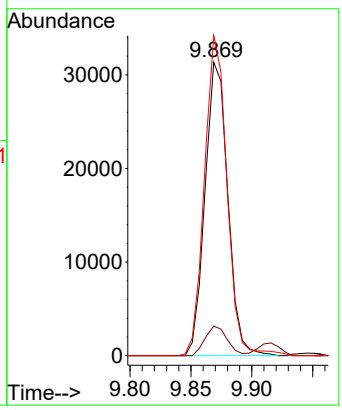


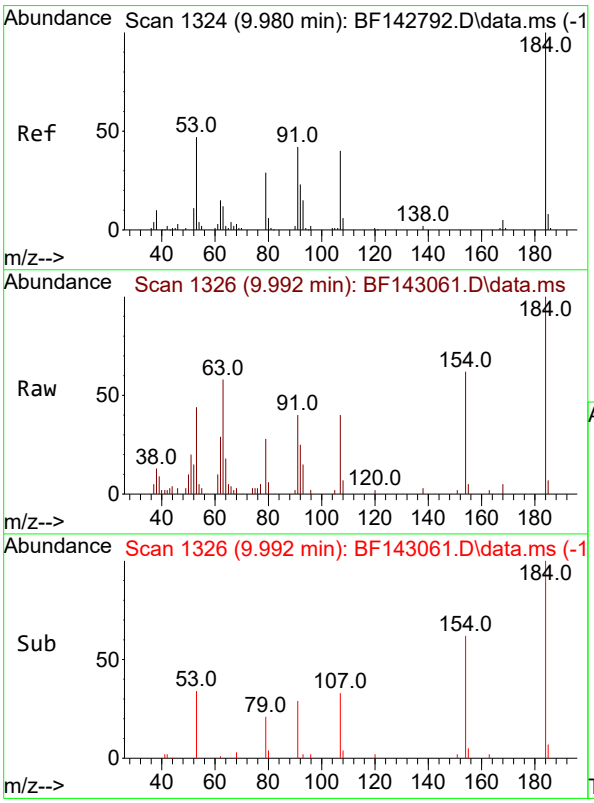
#53
3-Nitroaniline
Concen: 29.627 ng
RT: 9.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:138 Resp: 40799

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	109.0	85.1	127.7

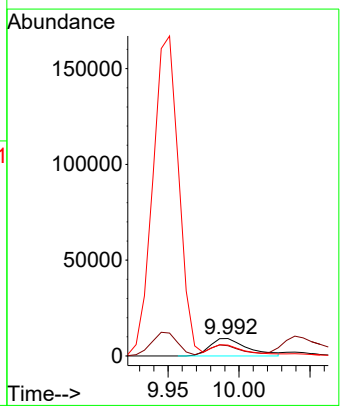


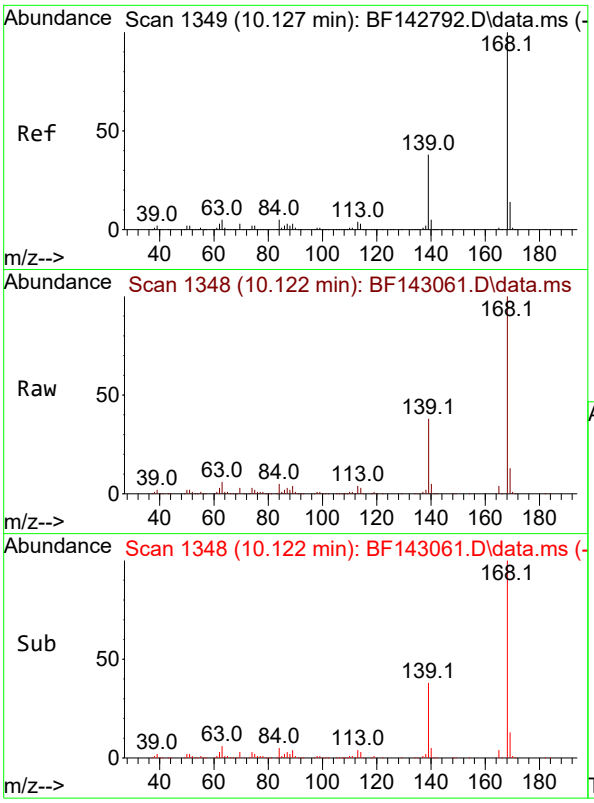


#54
2,4-Dinitrophenol
Concen: 26.667 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:184 Resp: 16701

Ion	Ratio	Lower	Upper
184	100		
63	58.2	50.6	75.8
154	61.8	51.8	77.8



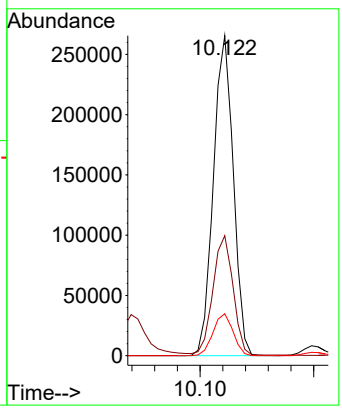


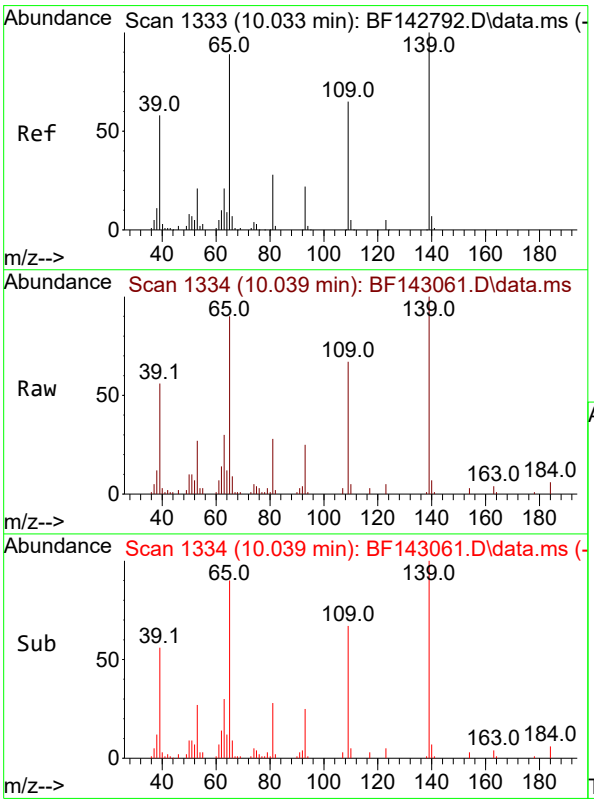
#55
Dibenzofuran
Concen: 43.038 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:168 Resp: 323306

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.2	45.4
169	13.1	10.8	16.2

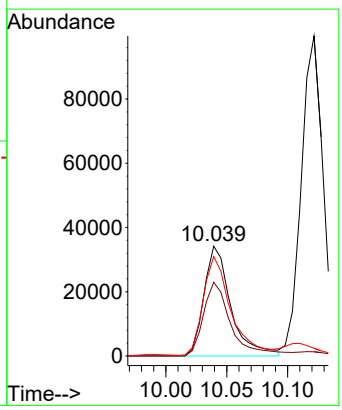


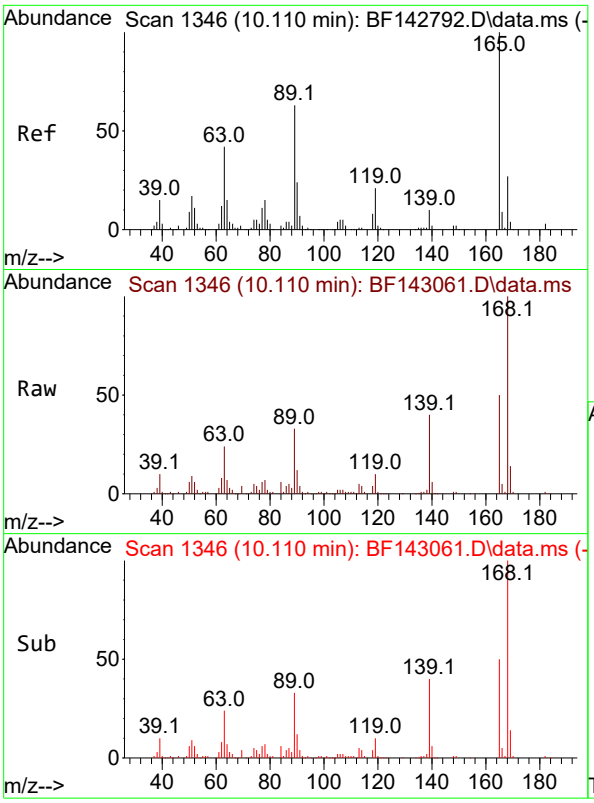


#56
4-Nitrophenol
Concen: 55.552 ng
RT: 10.039 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:139 Resp: 52372

Ion	Ratio	Lower	Upper
139	100		
109	67.3	44.7	84.7
65	90.5	69.8	109.8



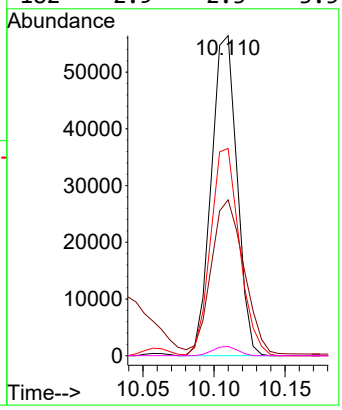


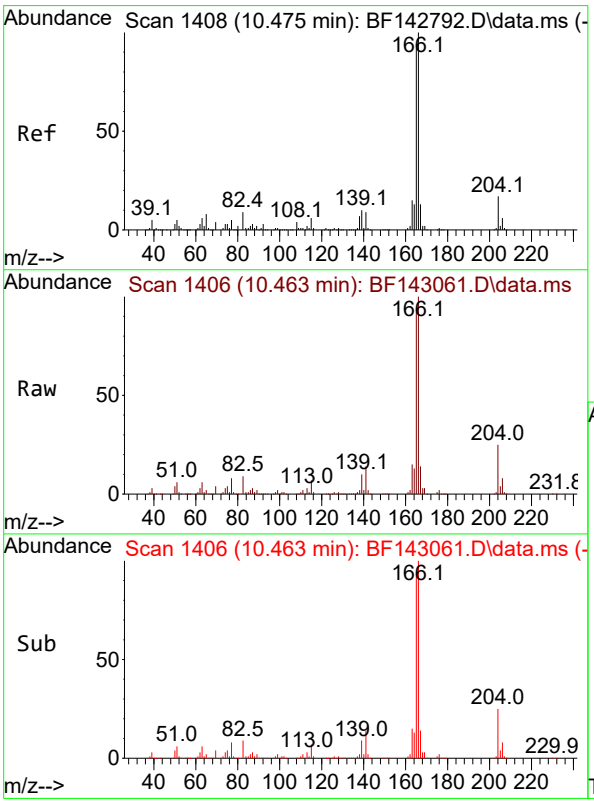
#57
2,4-Dinitrotoluene
Concen: 42.768 ng
RT: 10.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:165 Resp: 71054

Ion	Ratio	Lower	Upper
165	100		
63	48.7	33.9	50.9
89	64.7	50.6	75.8
182	2.9	2.3	3.5

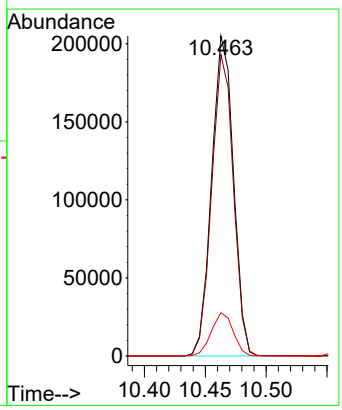


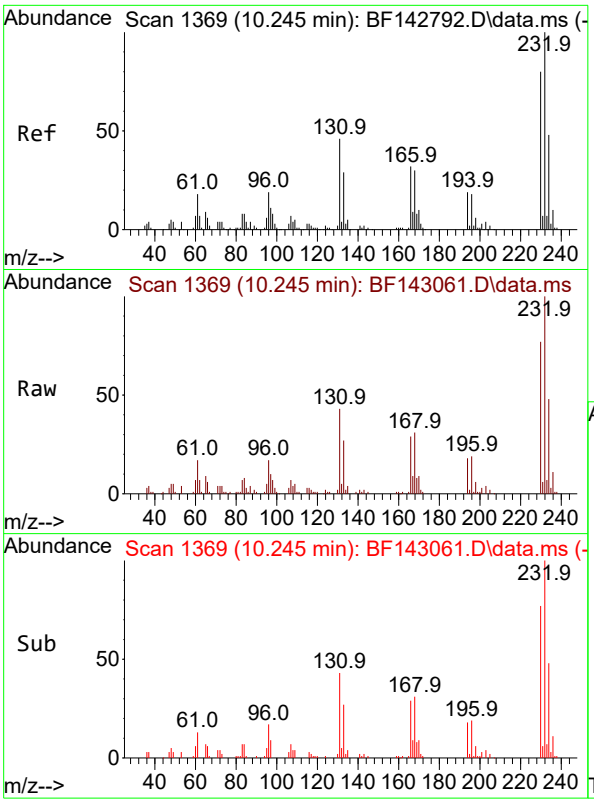


#58
Fluorene
Concen: 43.457 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:166 Resp: 254958

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.2	112.8
167	13.5	10.6	15.8



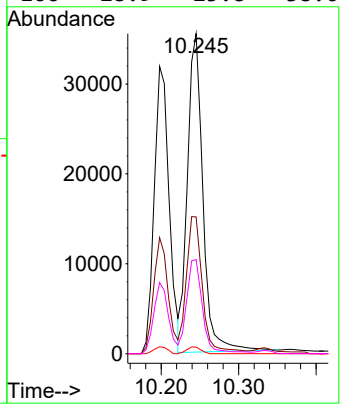


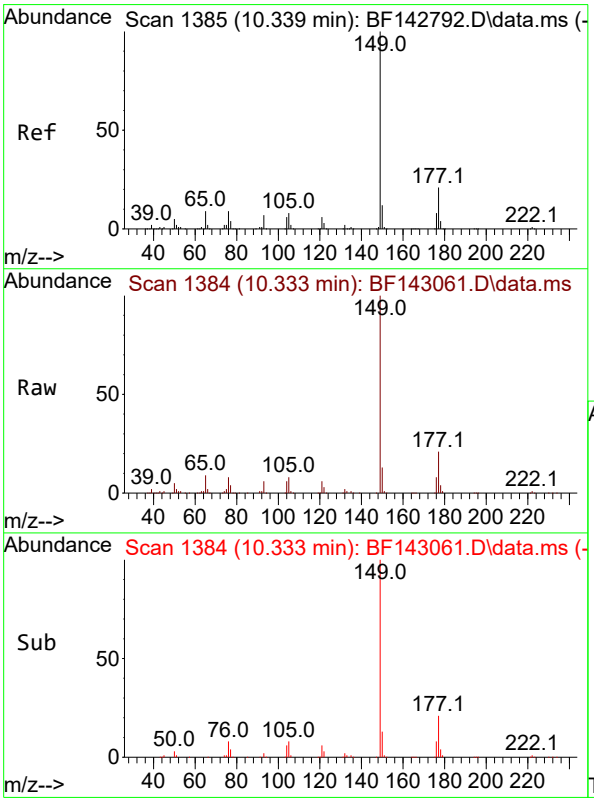
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.295 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:232 Resp: 49229

Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.6	56.4
130	1.9	1.7	2.5
166	28.9	25.8	38.6

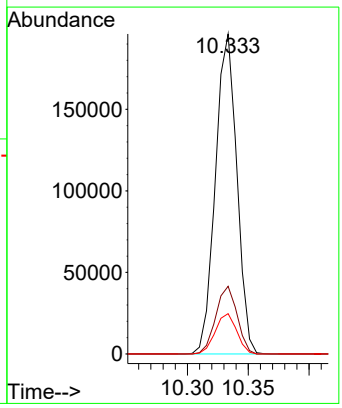


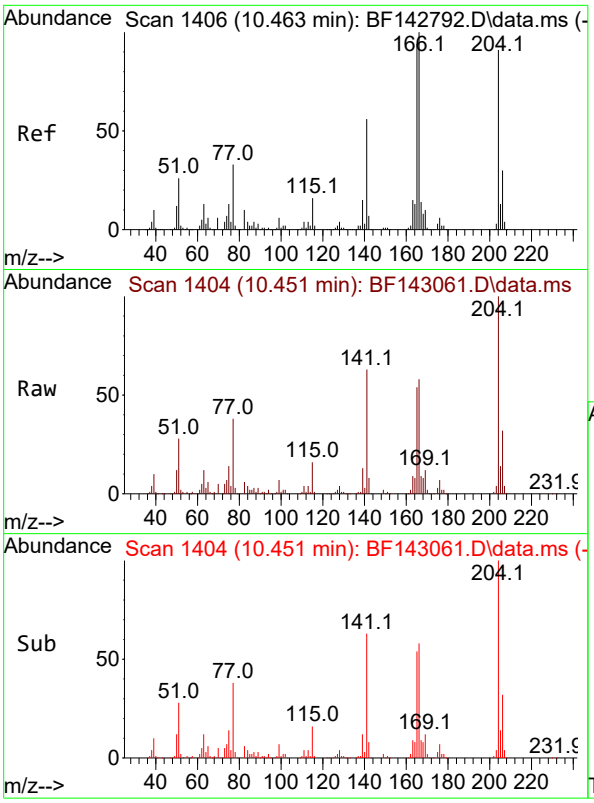


#60
Diethylphthalate
Concen: 43.081 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:149 Resp: 240572

Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.0	25.6
150	12.6	9.8	14.6



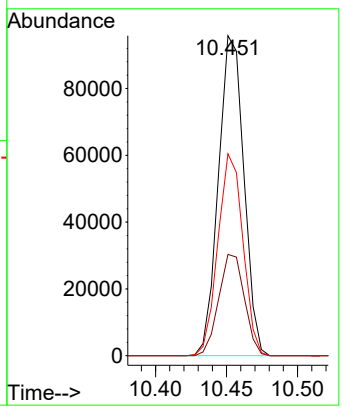


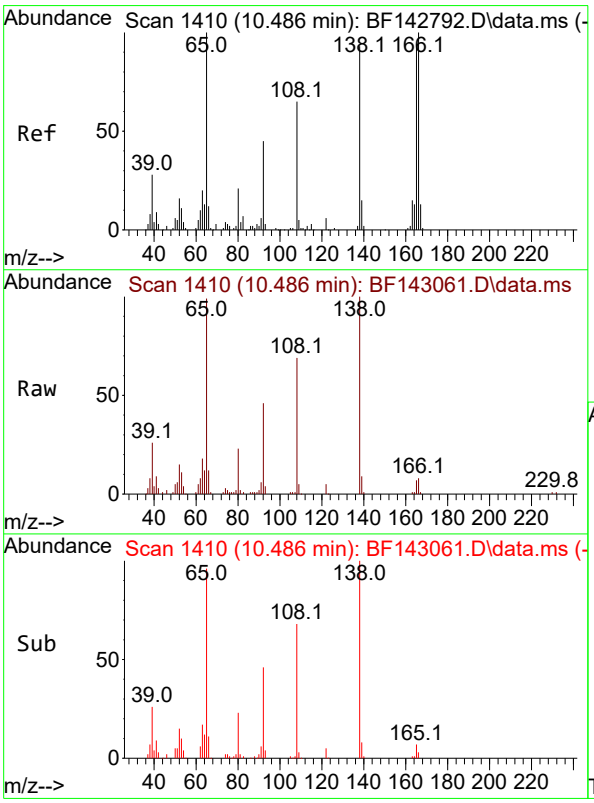
#61
4-Chlorophenyl-phenylether
Concen: 42.628 ng
RT: 10.451 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:204 Resp: 119342

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.3	39.5
141	63.1	49.1	73.7

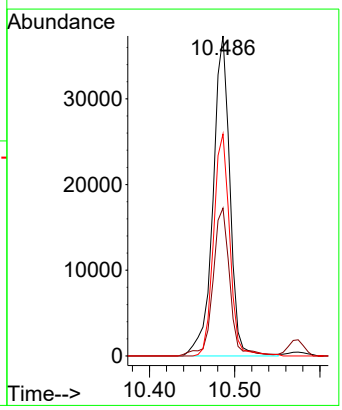


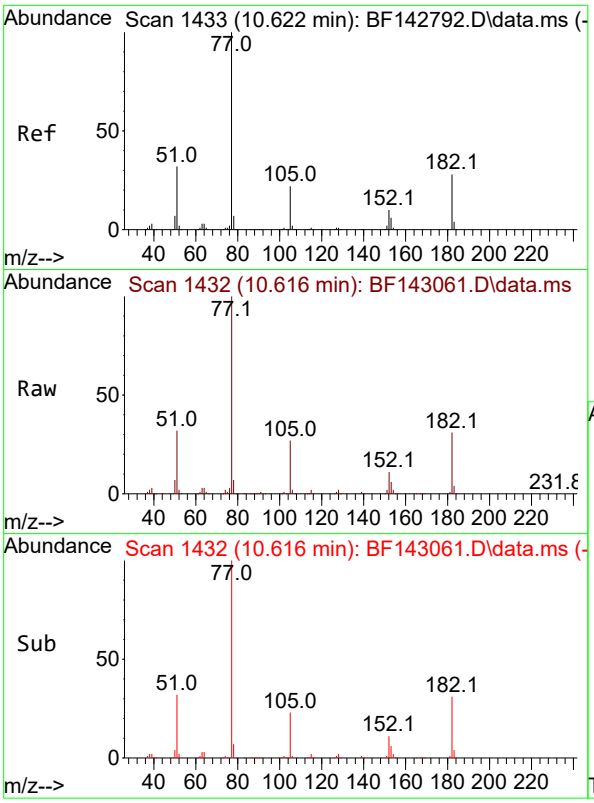


#62
4-Nitroaniline
Concen: 40.807 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:138 Resp: 51394

Ion	Ratio	Lower	Upper
138	100		
92	46.2	28.4	68.4
108	69.3	50.2	90.2



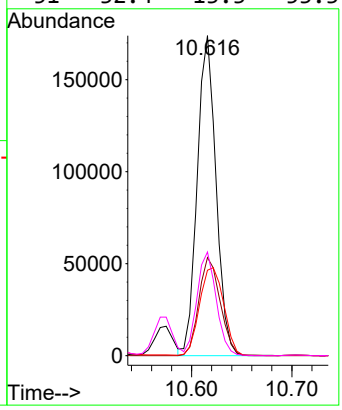


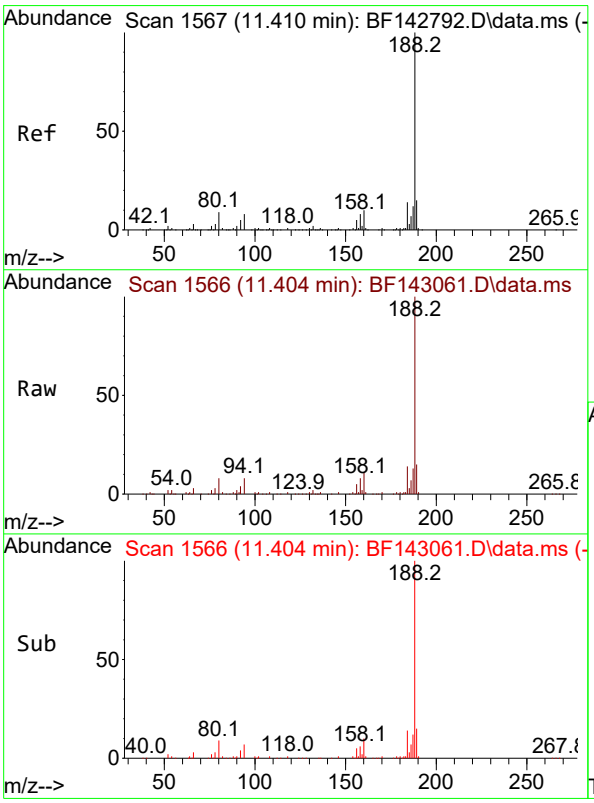
#63
Azobenzene
Concen: 45.607 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion: 77 Resp: 227625

Ion	Ratio	Lower	Upper
77	100		
182	30.6	7.7	47.7
105	26.7	1.9	41.9
51	32.4	13.3	53.3

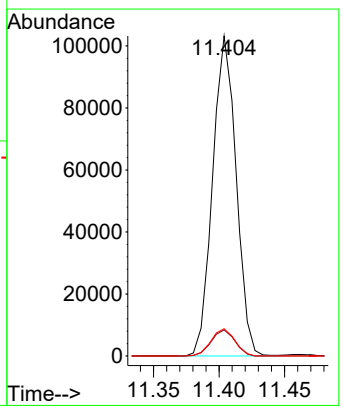


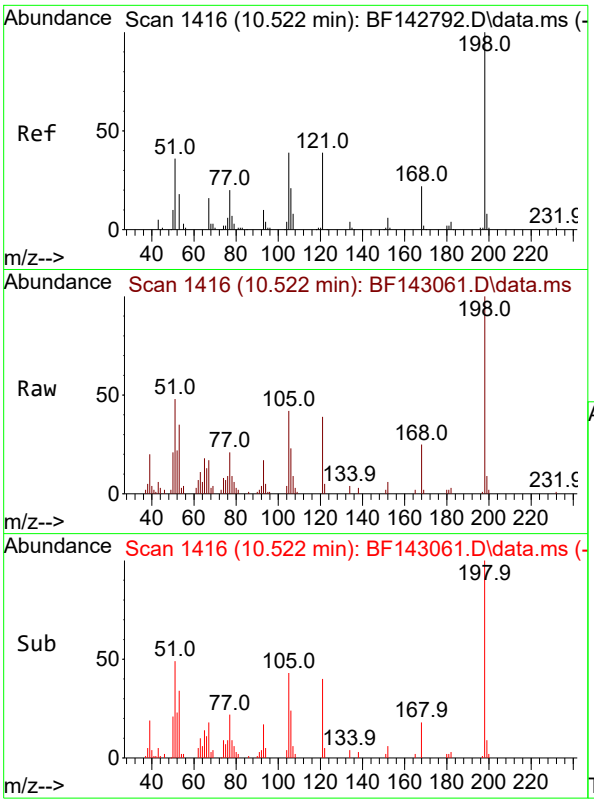


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:188 Resp: 128612

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.5	6.9	10.3



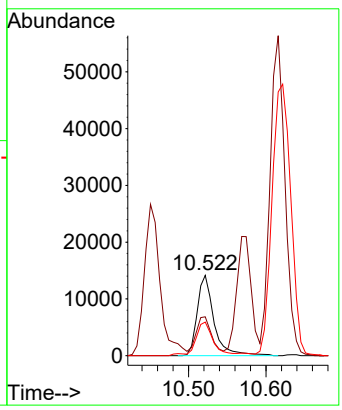


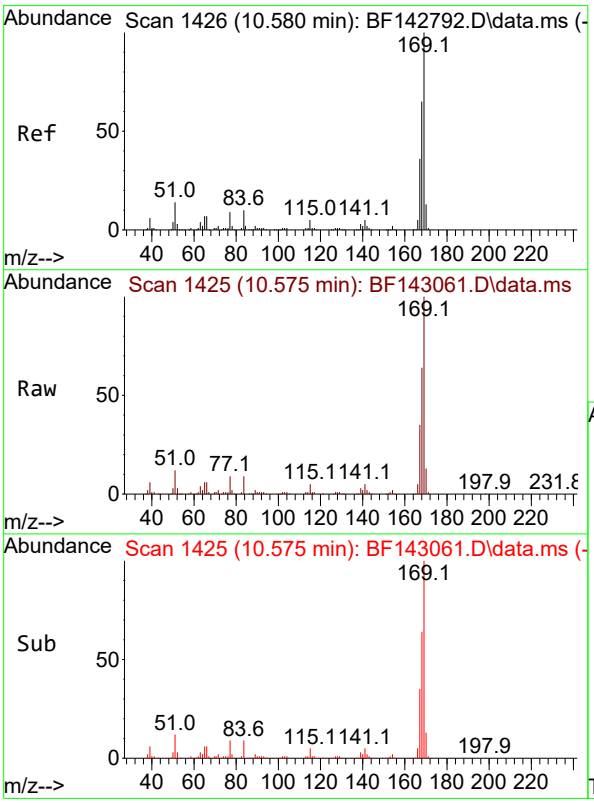
#65
4,6-Dinitro-2-methylphenol
Concen: 27.162 ng
RT: 10.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:198 Resp: 21130

Ion	Ratio	Lower	Upper
198	100		
51	48.3	25.4	65.4
105	41.9	20.4	60.4

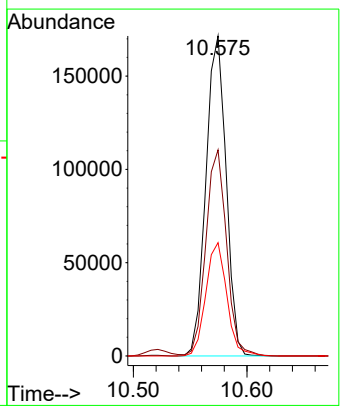


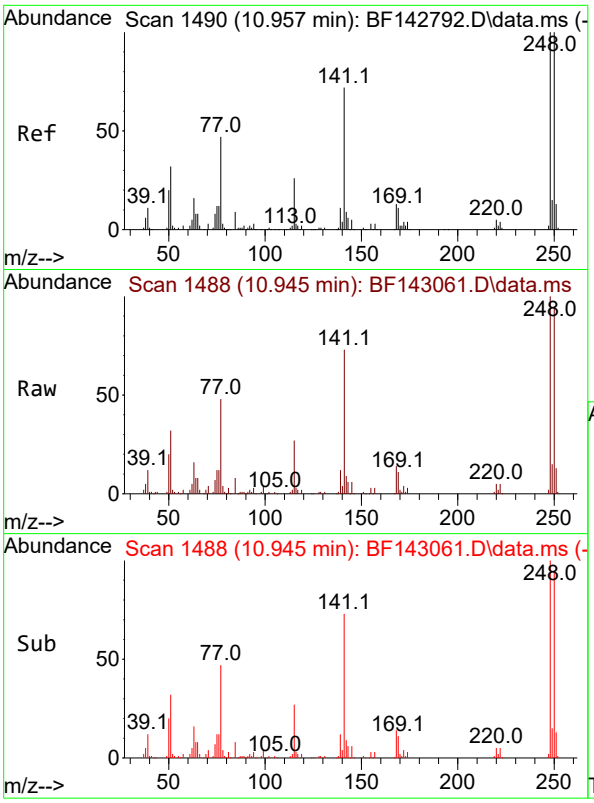


#66
n-Nitrosodiphenylamine
Concen: 47.487 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:169 Resp: 211666

Ion	Ratio	Lower	Upper
169	100		
168	64.4	51.9	77.9
167	35.4	28.5	42.7



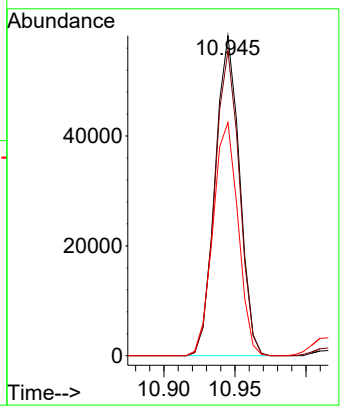


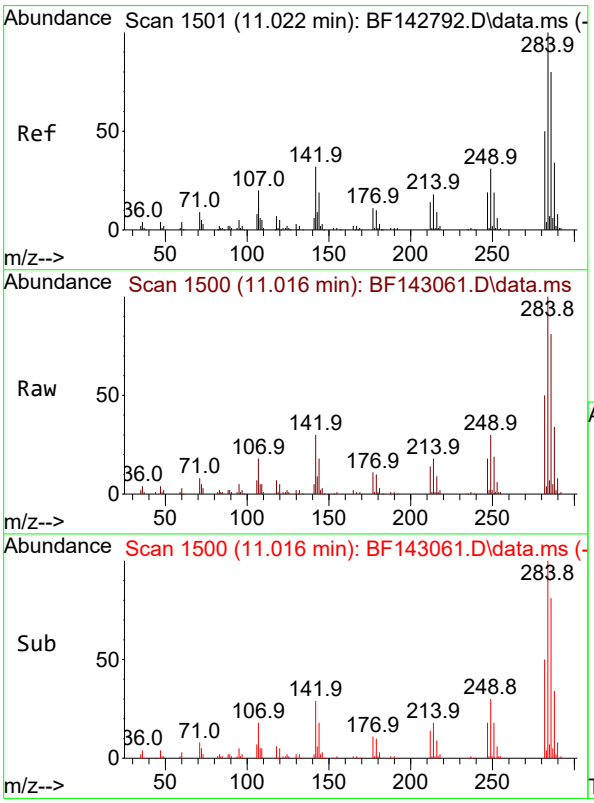
#67
4-Bromophenyl-phenylether
Concen: 47.557 ng
RT: 10.945 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:248 Resp: 69611

Ion	Ratio	Lower	Upper
248	100		
250	95.3	79.8	119.8
141	72.8	57.8	86.6

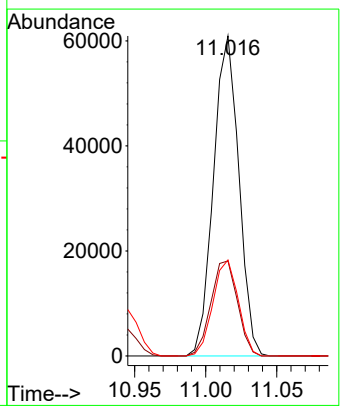


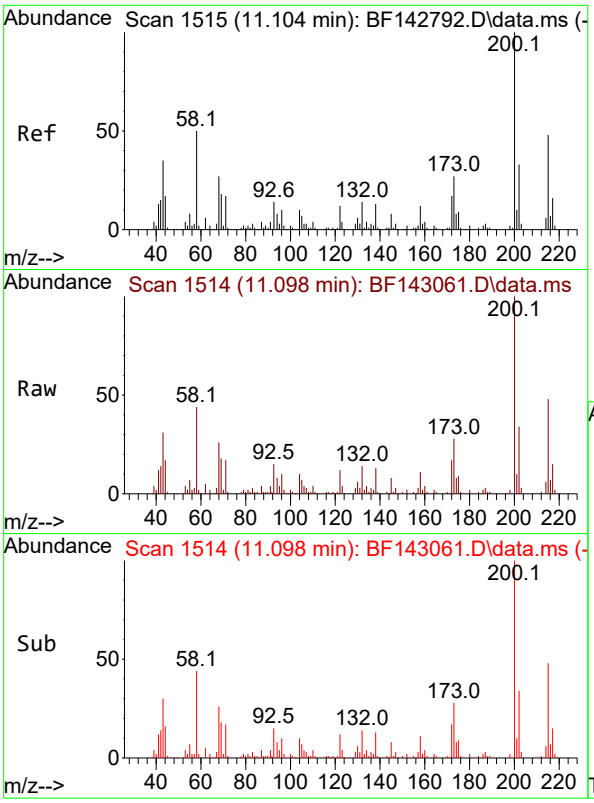


#68
Hexachlorobenzene
Concen: 46.491 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:284 Resp: 75615

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.5	38.3
249	30.0	24.9	37.3



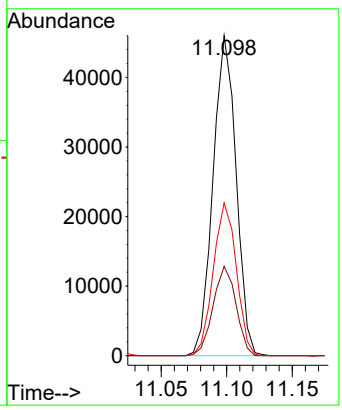


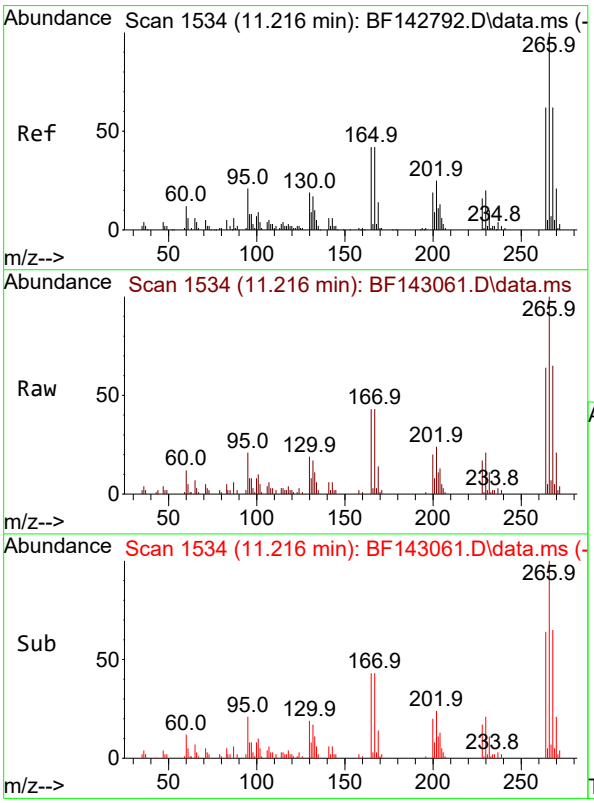
#69
Atrazine
Concen: 48.773 ng
RT: 11.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:200 Resp: 56139

Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	47.8	28.4	68.4

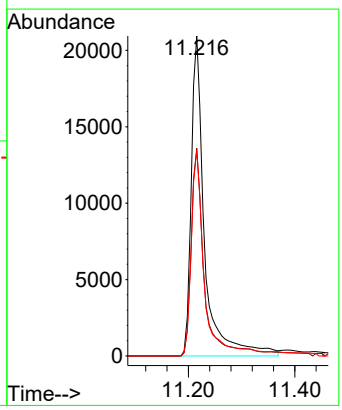


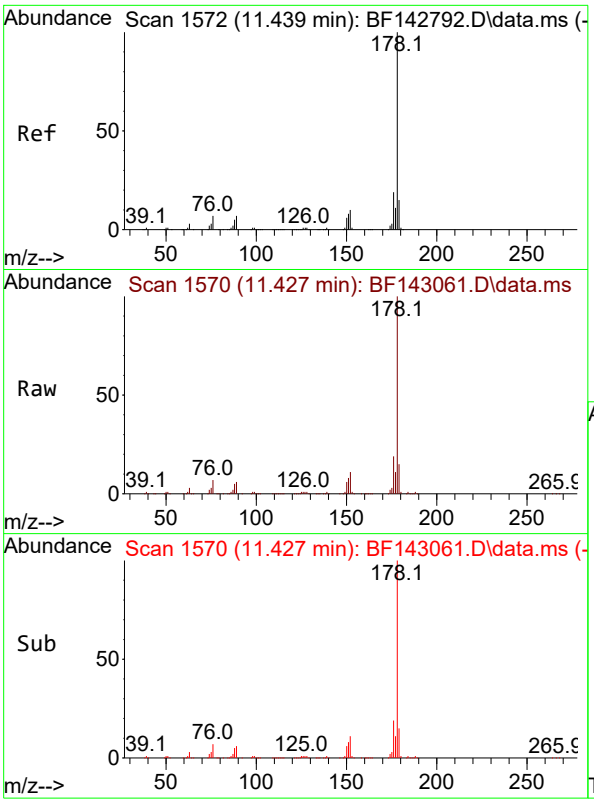


#70
Pentachlorophenol
Concen: 45.150 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:266 Resp: 36592

Ion	Ratio	Lower	Upper
266	100		
268	64.9	49.8	74.8
264	64.2	49.9	74.9



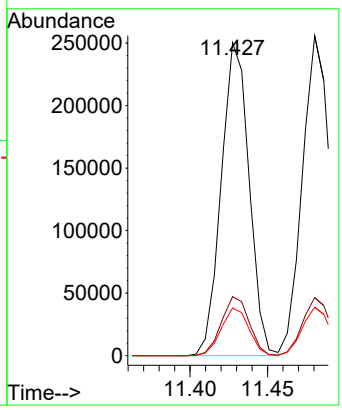


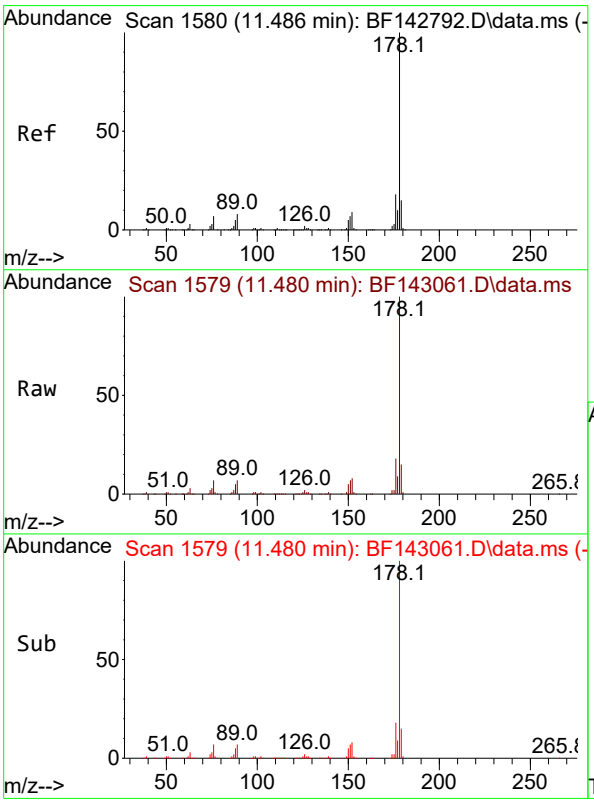
#71
Phenanthrene
Concen: 44.951 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:178 Resp: 313167

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.0	18.0

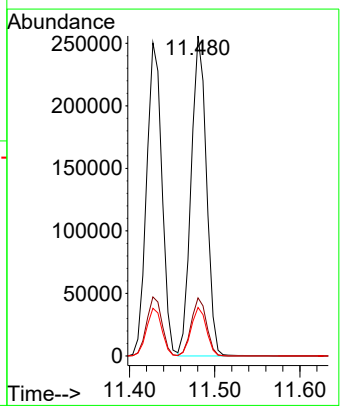


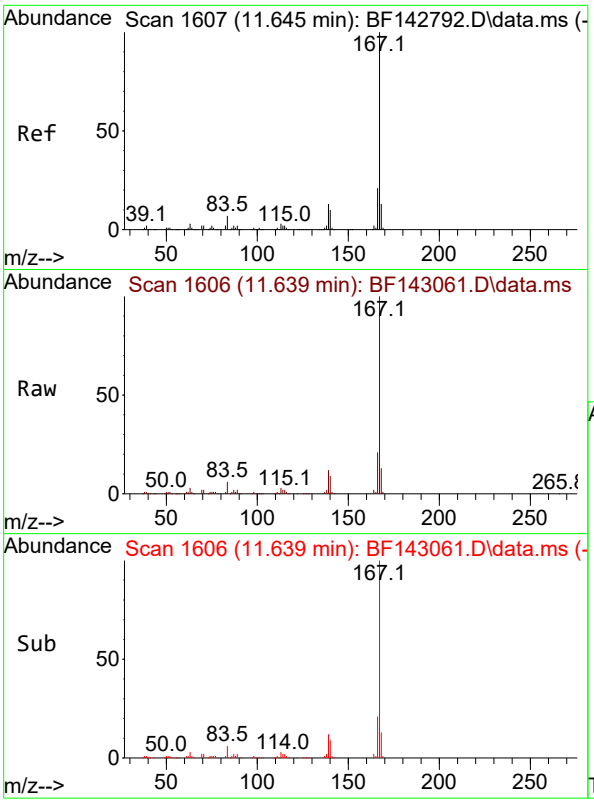


#72
Anthracene
Concen: 44.714 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:178 Resp: 319487

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.4	18.6



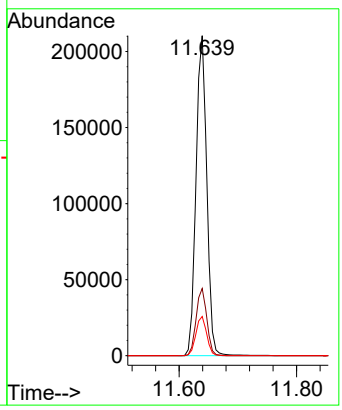


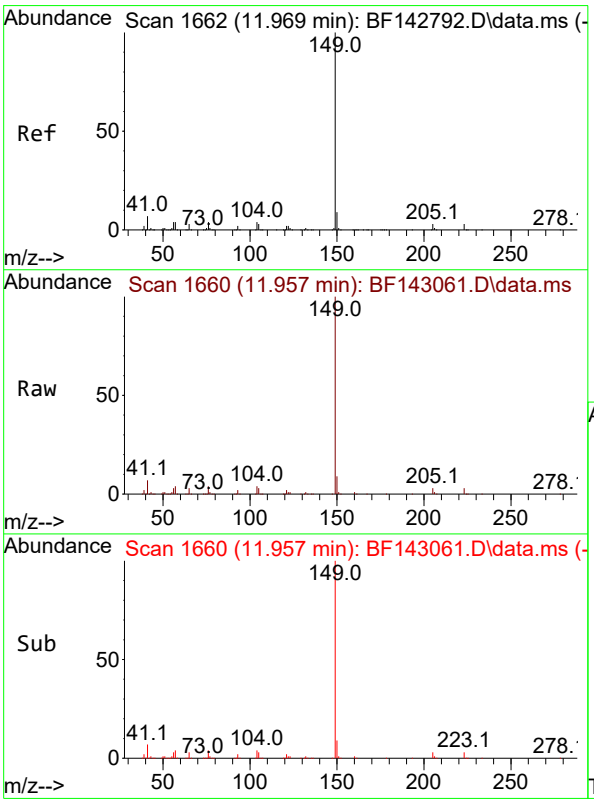
#73
Carbazole
Concen: 43.370 ng
RT: 11.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:167 Resp: 267422

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.4
139	12.3	10.2	15.2

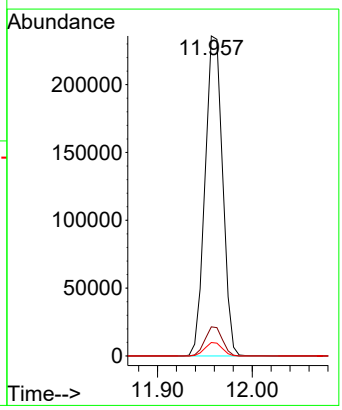


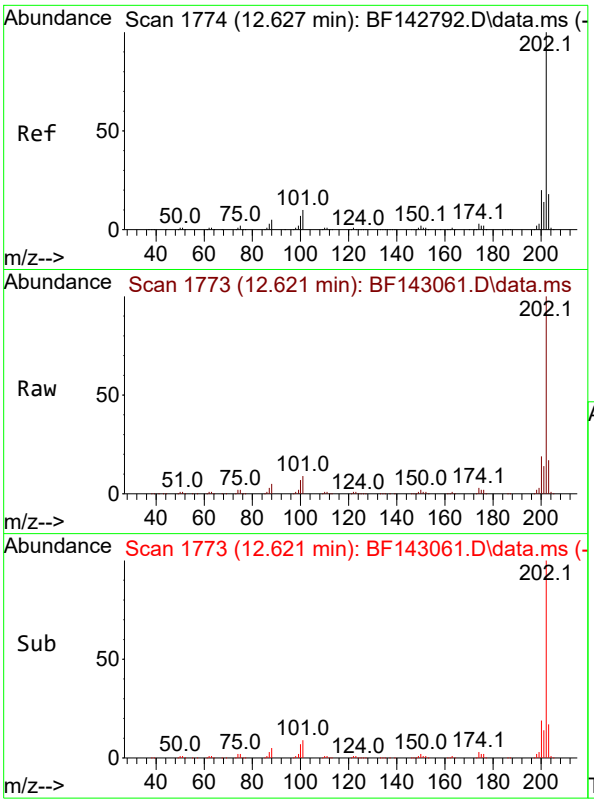


#74
Di-n-butylphthalate
Concen: 47.208 ng
RT: 11.957 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:149 Resp: 303241

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.2	3.5	5.3



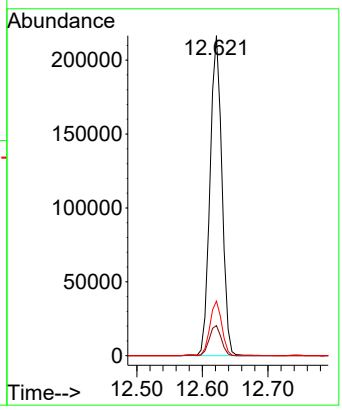


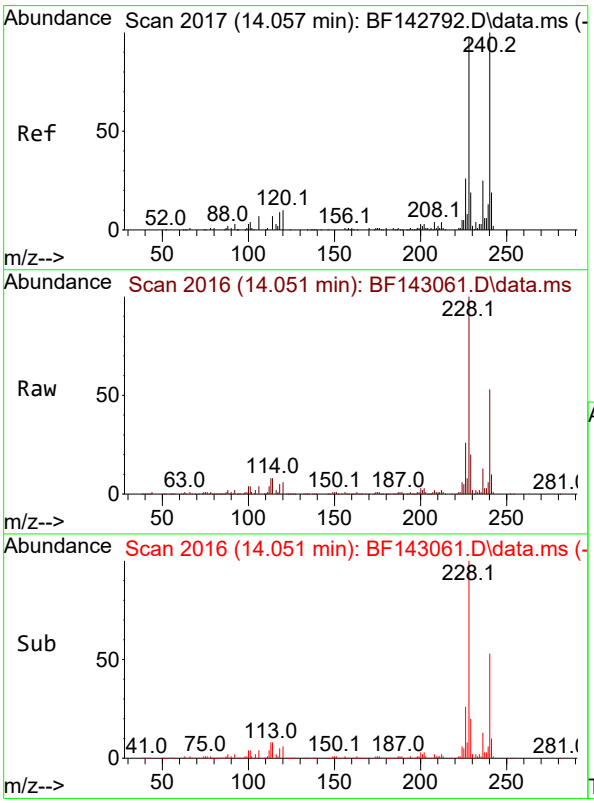
#75
Fluoranthene
Concen: 41.311 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:202 Resp: 273144

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.7
203	17.0	0.0	37.5

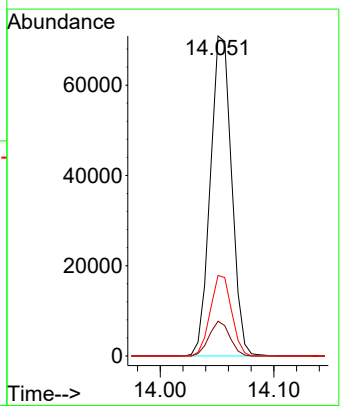


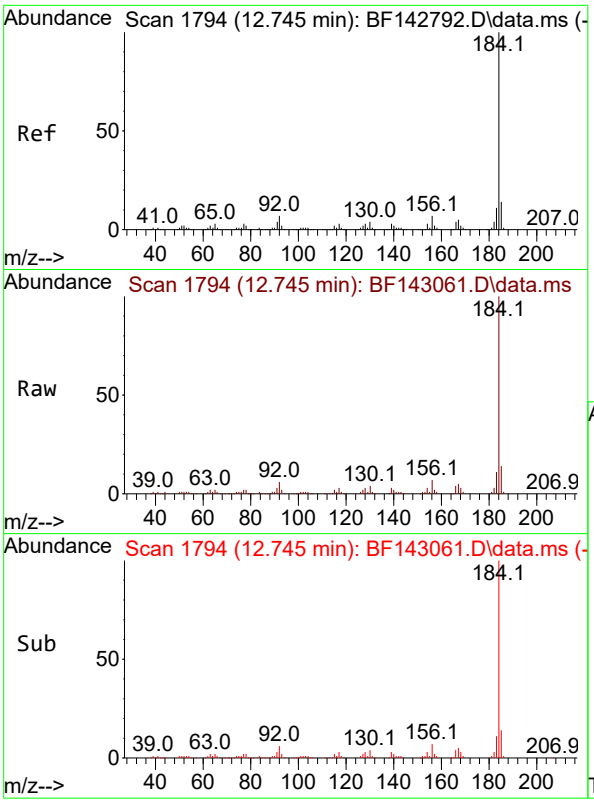


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:240 Resp: 92445

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	25.1	19.8	29.8



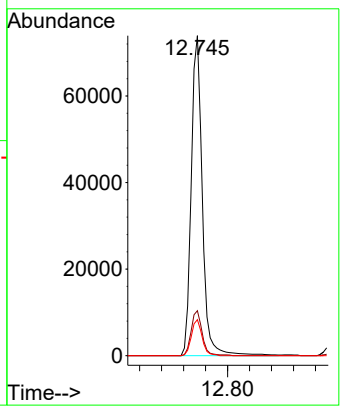


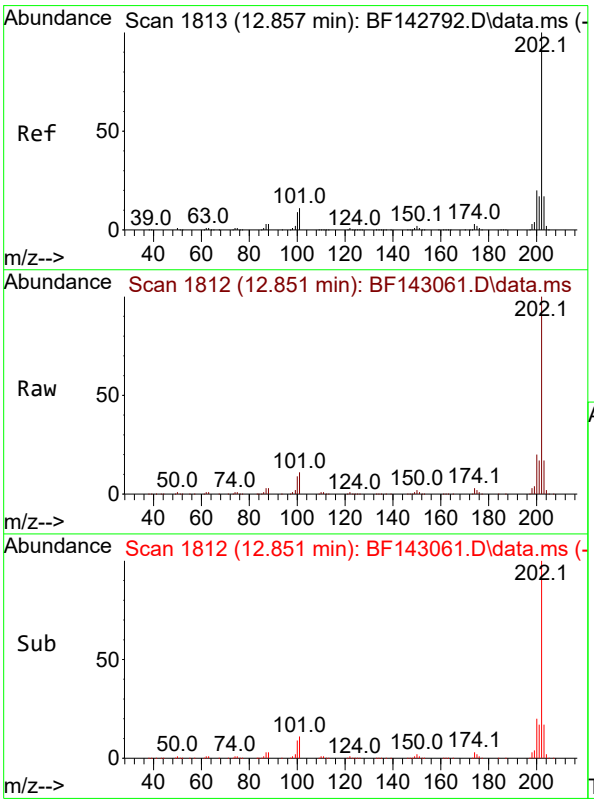
#77
Benzidine
Concen: 29.759 ng
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:184 Resp: 103360

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.3	9.0	13.4

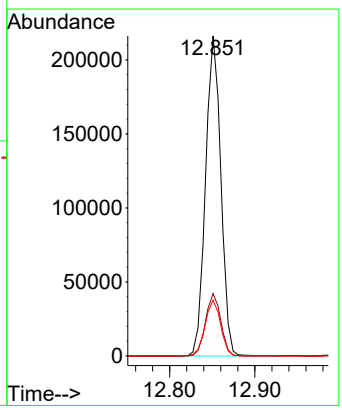


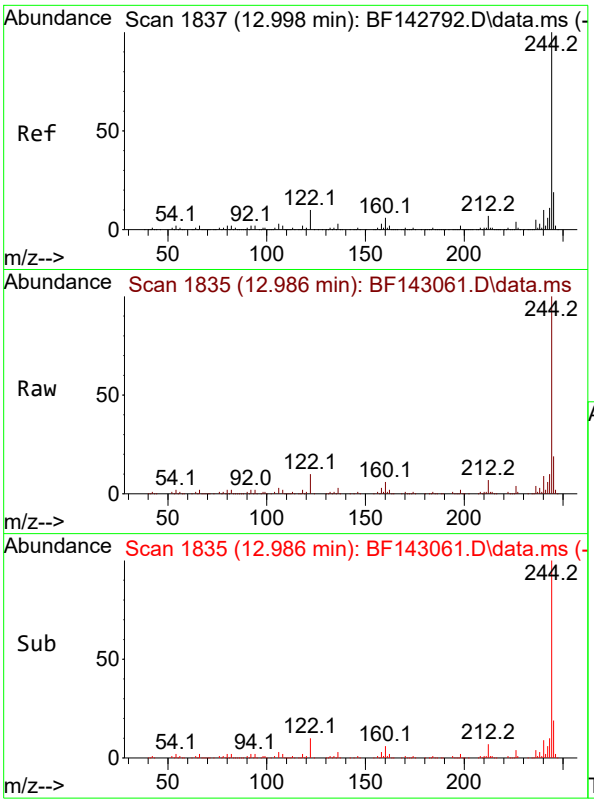


#78
Pyrene
Concen: 31.128 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:202 Resp: 269733

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.7	23.5
203	17.5	13.8	20.6



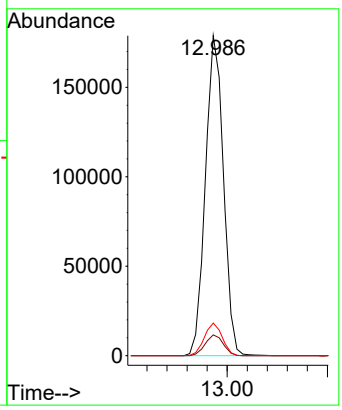


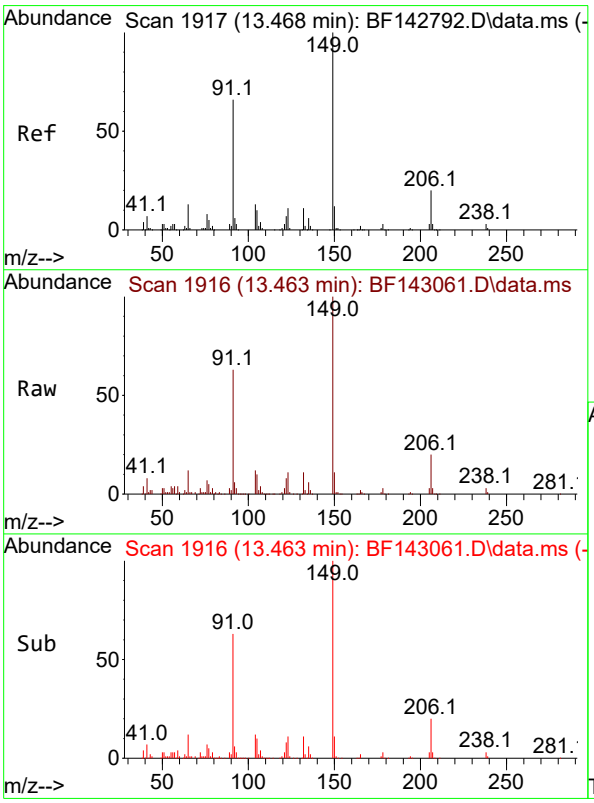
#79
Terphenyl-d14
Concen: 33.496 ng
RT: 12.986 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:244 Resp: 224108

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.2	8.2	12.2

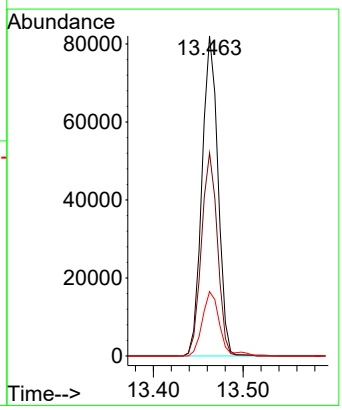


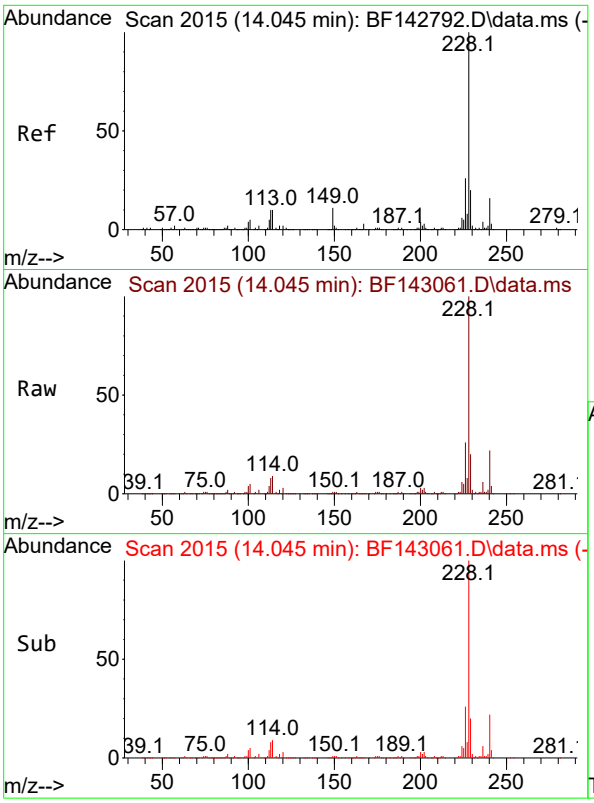


#80
Butylbenzylphthalate
Concen: 40.438 ng
RT: 13.463 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:149 Resp: 101642

Ion	Ratio	Lower	Upper
149	100		
91	63.5	52.9	79.3
206	20.1	16.3	24.5



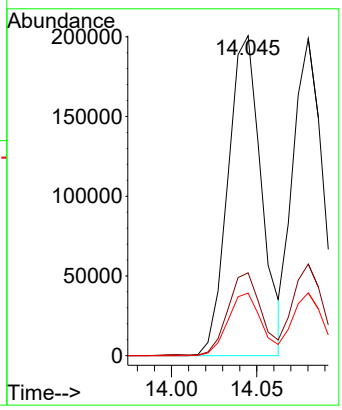


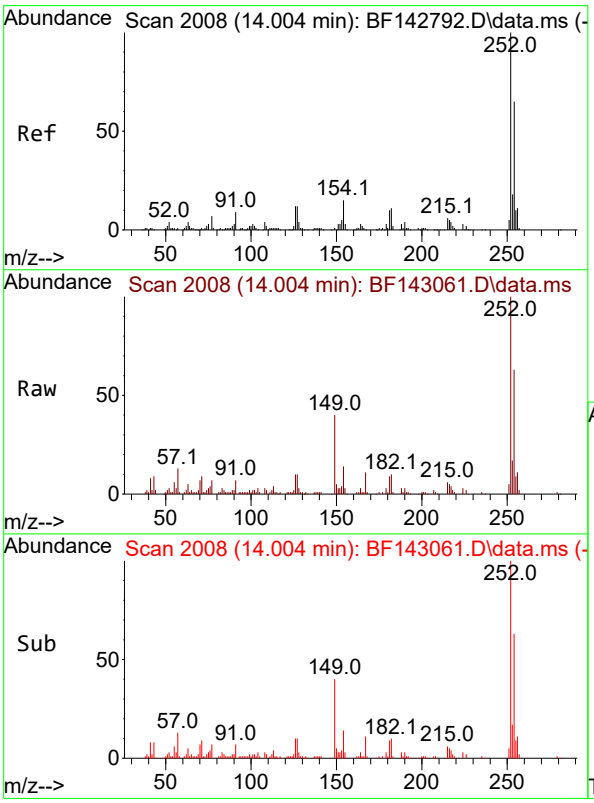
#81
Benzo(a)anthracene
Concen: 43.943 ng
RT: 14.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:228 Resp: 274046

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.2	31.8
229	19.6	15.6	23.4

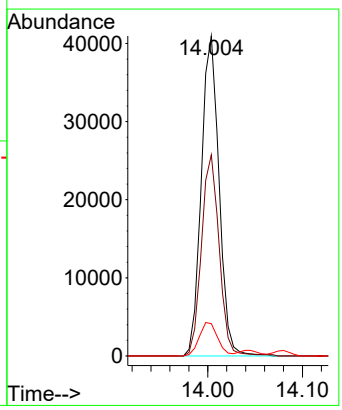


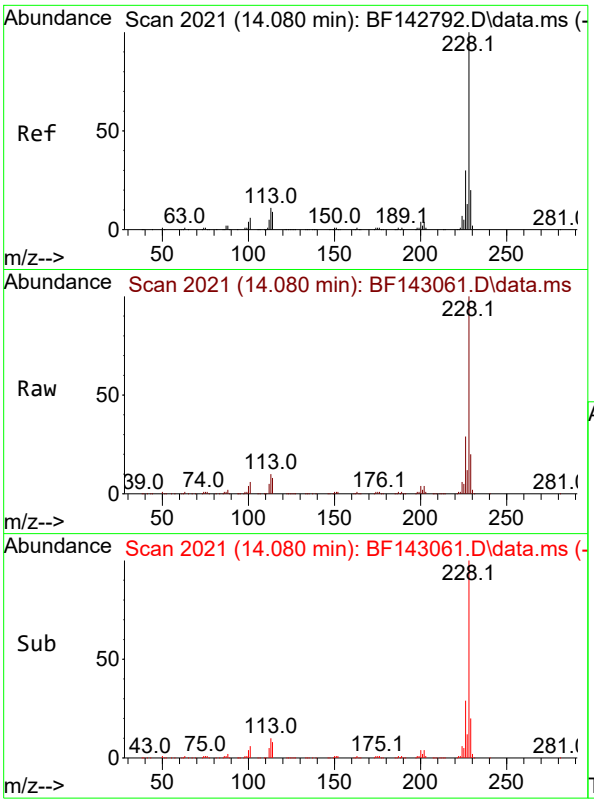


#82
3,3'-Dichlorobenzidine
Concen: 26.404 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:252 Resp: 53410

Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.7	77.5
126	10.1	9.4	14.2



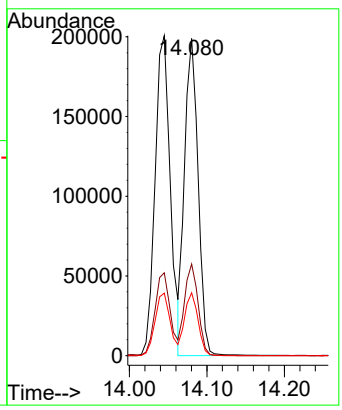


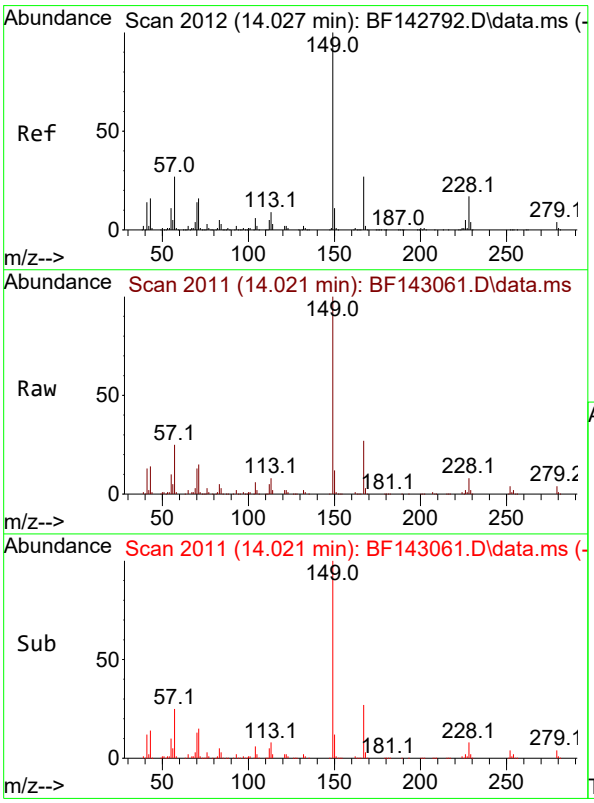
#83
Chrysene
Concen: 43.431 ng
RT: 14.080 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:228 Resp: 241689

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	19.8	15.7	23.5

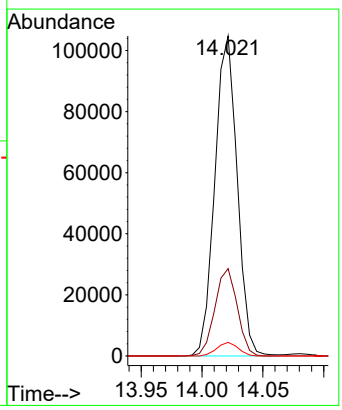


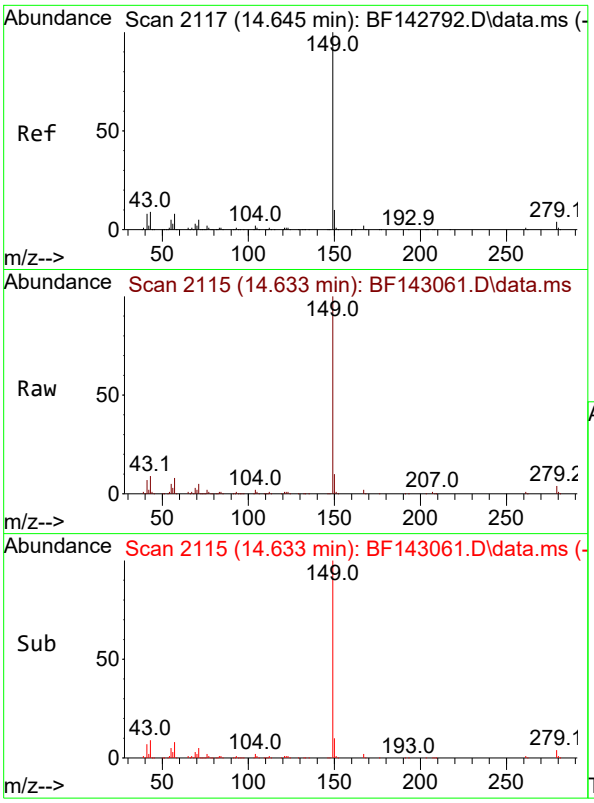


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.021 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:149 Resp: 133883

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.4	32.0
279	4.3	3.0	4.6



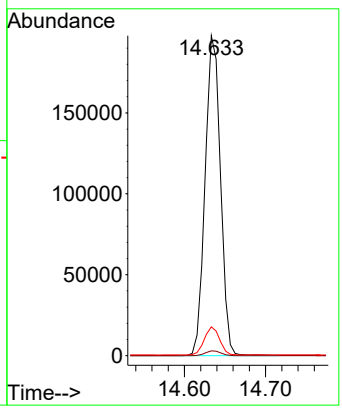


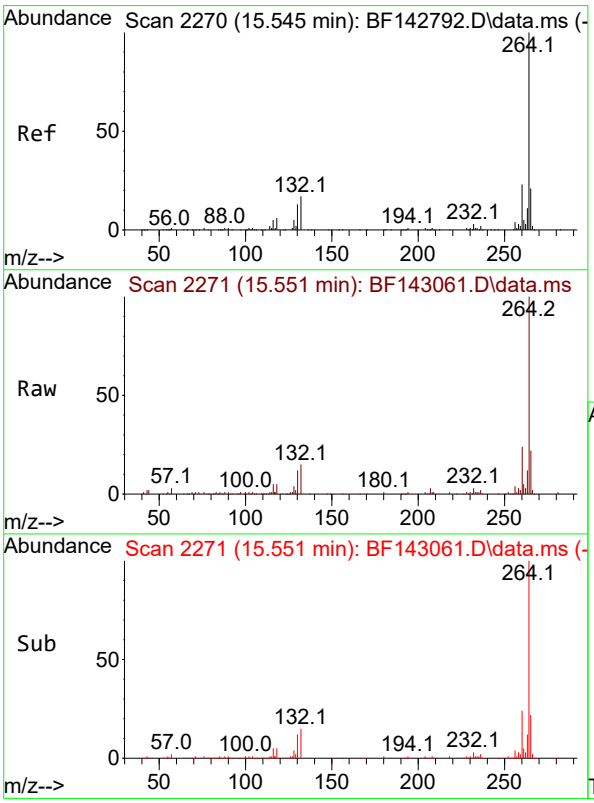
#85
Di-n-octyl phthalate
Concen: 38.077 ng
RT: 14.633 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:149 Resp: 259655

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	7.6	11.4

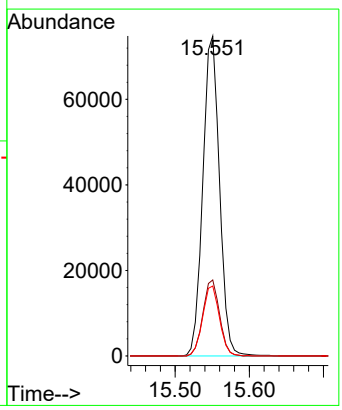


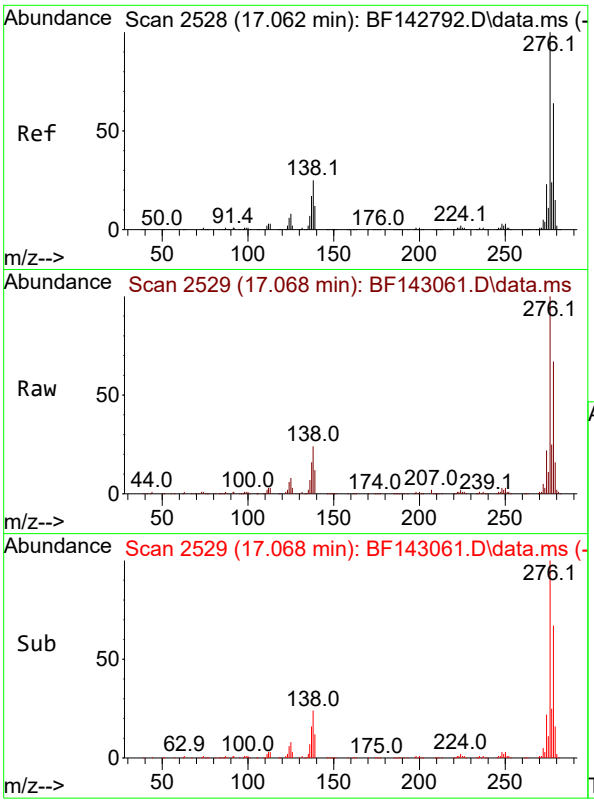


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:264 Resp: 117034

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.1	27.1
265	21.8	16.6	25.0



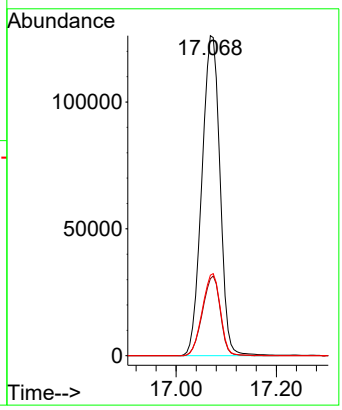


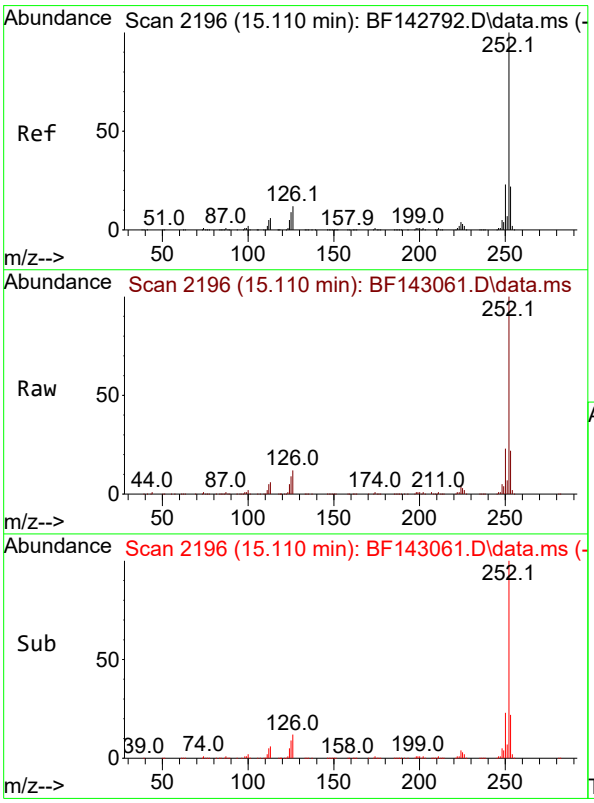
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.508 ng
RT: 17.068 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:276 Resp: 316533

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.2	30.4
277	25.5	19.8	29.6

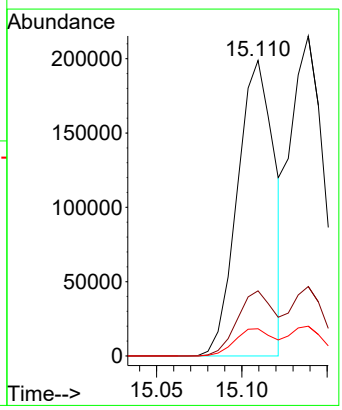


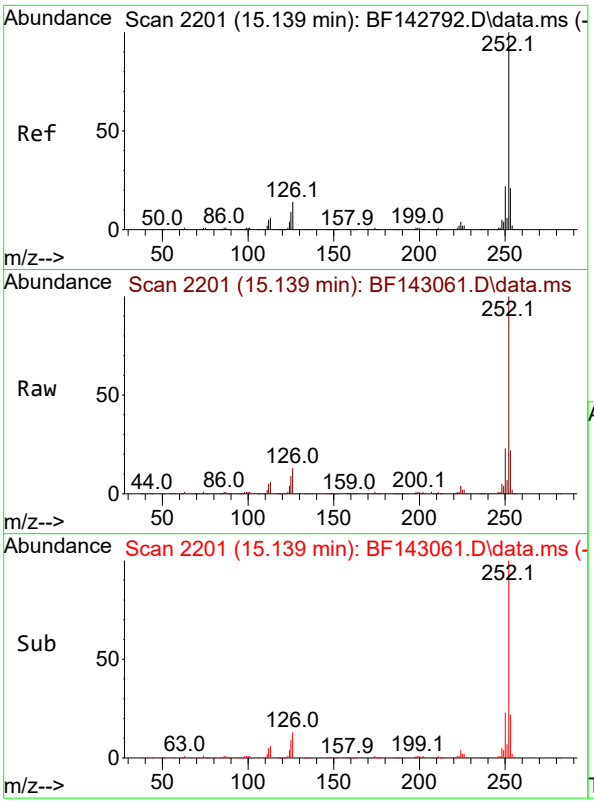


#88
Benzo(b)fluoranthene
Concen: 44.279 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:252 Resp: 299861

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.2	7.4	11.0



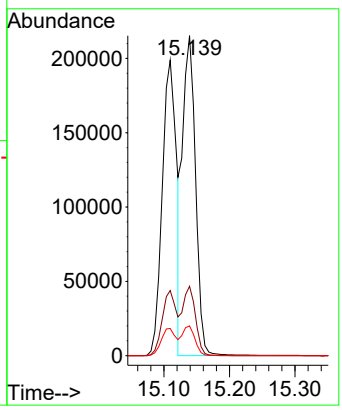


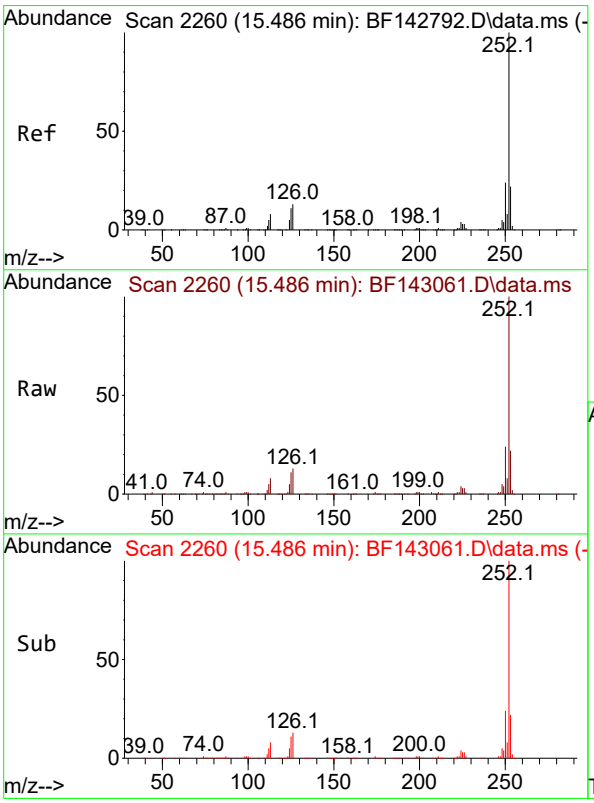
#89
Benzo(k)fluoranthene
Concen: 46.565 ng
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:252 Resp: 295028

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.3	7.4	11.2

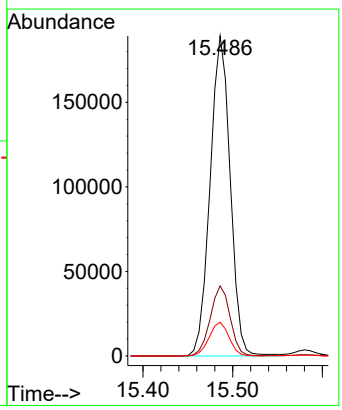


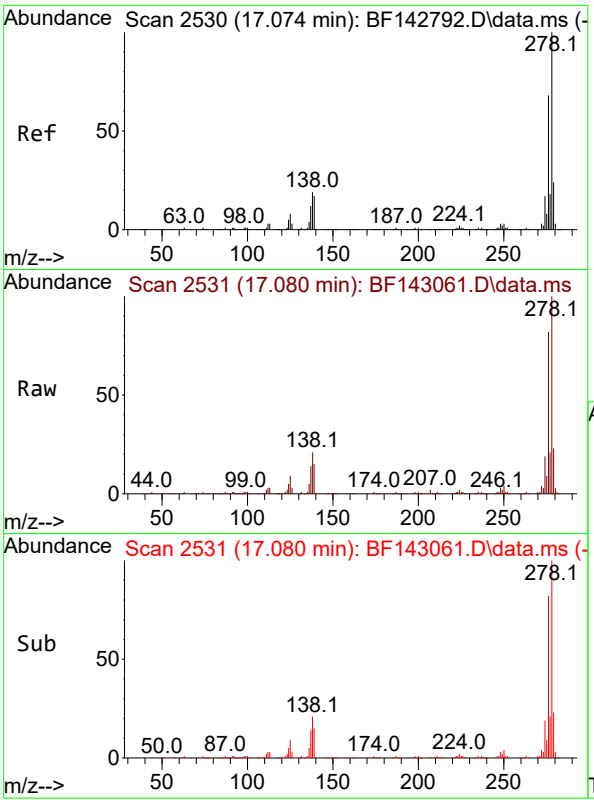


#90
Benzo(a)pyrene
Concen: 44.991 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:252 Resp: 294343

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.5	8.6	12.8



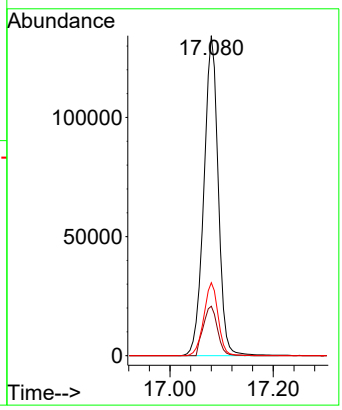


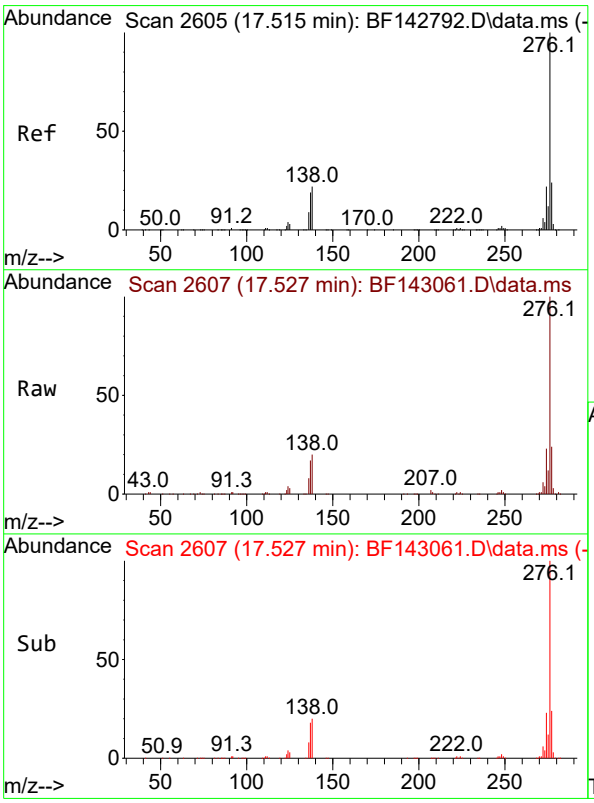
#91
Dibenzo(a,h)anthracene
Concen: 35.699 ng
RT: 17.080 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Instrument :
BNA_F
ClientSampleId :
TP-14MSD

Tgt Ion:278 Resp: 258572

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.5	20.3
279	22.8	18.8	28.2

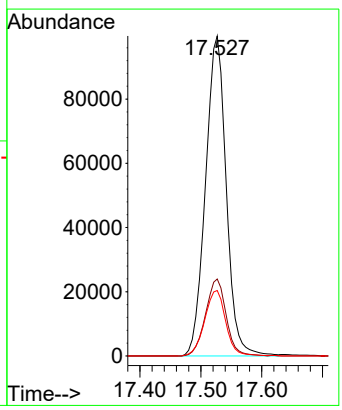




#92
Benzo(g,h,i)perylene
Concen: 32.679 ng
RT: 17.527 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF143061.D
Acq: 09 Jul 2025 17:30

Tgt Ion:276 Resp: 236028

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	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:	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
Q2517-01MS	BF143060.D	2,4-Dimethylphenol	Rahul	7/10/2025 10:08:23 AM	Jagrut	7/10/2025 5:36:07 PM	Peak Integrated by Software
Q2517-01MS	BF143060.D	Acenaphthene	Rahul	7/10/2025 10:08:23 AM	Jagrut	7/10/2025 5:36:07 PM	Peak Integrated by Software
Q2517-01MS	BF143060.D	Benzoic acid	Rahul	7/10/2025 10:08:23 AM	Jagrut	7/10/2025 5:36:07 PM	Peak Integrated by Software
Q2517-01MSD	BF143061.D	2,4-Dimethylphenol	Rahul	7/10/2025 10:08:25 AM	Jagrut	7/10/2025 5:36:10 PM	Peak Integrated by Software
Q2517-01MSD	BF143061.D	Acenaphthene	Rahul	7/10/2025 10:08:25 AM	Jagrut	7/10/2025 5:36:10 PM	Peak Integrated by Software
Q2517-01MSD	BF143061.D	Benzoic acid	Rahul	7/10/2025 10:08:25 AM	Jagrut	7/10/2025 5:36:10 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM070925	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM050379.D	Benzaldehyde	Rahul	7/9/2025 9:47:39 AM	Jagrut	7/9/2025 2:15:18 PM	Peak Integrated by Software
SSTDICC020	BM050380.D	Benzaldehyde	Rahul	7/9/2025 9:47:42 AM	Jagrut	7/9/2025 2:15:21 PM	Peak Integrated by Software
SSTDICCC040	BM050381.D	Benzaldehyde	Rahul	7/9/2025 9:47:45 AM	Jagrut	7/9/2025 2:15:23 PM	Peak Integrated by Software
SSTDICC050	BM050382.D	Benzaldehyde	Rahul	7/9/2025 9:47:47 AM	Jagrut	7/9/2025 2:15:25 PM	Peak Integrated by Software
SSTDICV040	BM050385.D	Benzaldehyde	Rahul	7/9/2025 9:47:50 AM	Jagrut	7/9/2025 2:15:28 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm071025	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM050388.D	Benzaldehyde	Rahul	7/11/2025 12:08:24 PM	Jagrut	7/11/2025 2:56:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025072.D	Acenaphthene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC005	BP025072.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:36 AM	Jagrut	7/7/2025 12:14:15 PM	Peak Integrated by Software
SSTDICC010	BP025073.D	Acenaphthene	Rahul	7/7/2025 11:35:39 AM	Jagrut	7/7/2025 12:14:23 PM	Peak Integrated by Software
SSTDICC020	BP025074.D	Acenaphthene	Rahul	7/7/2025 11:35:42 AM	Jagrut	7/7/2025 12:14:25 PM	Peak Integrated by Software
SSTDICCC040	BP025075.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:44 AM	Jagrut	7/7/2025 12:14:28 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC050	BP025076.D	Pyridine	Rahul	7/7/2025 11:35:46 AM	Jagrut	7/7/2025 12:14:34 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC060	BP025077.D	Pyridine	Rahul	7/7/2025 11:35:49 AM	Jagrut	7/7/2025 12:14:37 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICC080	BP025078.D	Pyridine	Rahul	7/7/2025 11:35:51 AM	Jagrut	7/7/2025 12:14:42 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Acenaphthene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software
SSTDICV040	BP025079.D	Indeno(1,2,3-cd)pyrene	Rahul	7/7/2025 11:35:54 AM	Jagrut	7/7/2025 12:14:48 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP070325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	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
PB168767BS	BP025084.D	Caprolactam	Rahul	7/11/2025 12:09:56 PM	Jagrut	7/11/2025 12:39:16 PM	Peak Integrated by Software
PB168767BS	BP025084.D	Indeno(1,2,3-cd)pyrene	Rahul	7/11/2025 12:09:56 PM	Jagrut	7/11/2025 12:39:16 PM	Peak Integrated by Software
Q2529-01	BP025090.D	Benzo(a)anthracene	Rahul	7/11/2025 12:09:58 PM	Jagrut	7/11/2025 12:39:18 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp071625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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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	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

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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_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050376.D	08 Jul 2025 11:59	RC/JU	Ok
2	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39	RC/JU	Ok
3	SSTDICC005	BM050378.D	08 Jul 2025 13:19	RC/JU	Ok
4	SSTDICC010	BM050379.D	08 Jul 2025 14:00	RC/JU	Ok,M
5	SSTDICC020	BM050380.D	08 Jul 2025 14:40	RC/JU	Ok,M
6	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	RC/JU	Ok,M
7	SSTDICC050	BM050382.D	08 Jul 2025 16:01	RC/JU	Ok,M
8	SSTDICC060	BM050383.D	08 Jul 2025 16:41	RC/JU	Ok
9	SSTDICC080	BM050384.D	08 Jul 2025 17:22	RC/JU	Ok
10	SSTDICV040	BM050385.D	08 Jul 2025 18:05	RC/JU	Ok,M
11	PB168722BL	BM050386.D	08 Jul 2025 19:26	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071025

Review By	Rahul	Review On	7/11/2025 12:08:59 PM				
Supervise By	Jagrut	Supervise On	7/11/2025 2:56:38 PM				
SubDirectory	BM071025	HP Acquire Method	BNA_M		HP Processing Method	bm070925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050387.D	10 Jul 2025 13:13	RC/JU	Ok
2	SSTDCCC040	BM050388.D	10 Jul 2025 13:53	RC/JU	Ok,M
3	PB168689TB	BM050389.D	10 Jul 2025 14:33	RC/JU	Ok
4	Q2529-03	BM050390.D	10 Jul 2025 15:17	RC/JU	Ok
5	Q2529-05	BM050391.D	10 Jul 2025 15:57	RC/JU	Ok
6	Q2529-08	BM050392.D	10 Jul 2025 16:37	RC/JU	Ok
7	Q2529-09	BM050393.D	10 Jul 2025 17:18	RC/JU	Ok
8	Q2543-02	BM050394.D	10 Jul 2025 17:58	RC/JU	Ok,M
9	Q2543-02MS	BM050395.D	10 Jul 2025 18:38	RC/JU	Ok,M
10	Q2543-02MSD	BM050396.D	10 Jul 2025 19:18	RC/JU	Ok,M
11	Q2489-01	BM050397.D	10 Jul 2025 19:59	RC/JU	Ok
12	Q2489-01MS	BM050398.D	10 Jul 2025 20:39	RC/JU	Ok,M
13	Q2489-01MSD	BM050399.D	10 Jul 2025 21:19	RC/JU	Ok,M
14	Q2489-02	BM050400.D	10 Jul 2025 21:59	RC/JU	Ok
15	Q2489-03	BM050401.D	10 Jul 2025 22:39	RC/JU	Ok
16	Q2543-03	BM050402.D	10 Jul 2025 23:19	RC/JU	Ok
17	Q2543-04	BM050403.D	10 Jul 2025 23:59	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM				
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM				
SubDirectory	BP070325	HP Acquire Method	BNA_P		HP Processing Method	bp070325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025070.D	03 Jul 2025 08:58	CG/JU	Ok
2	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39	CG/JU	Ok
3	SSTDICC005	BP025072.D	03 Jul 2025 10:21	CG/JU	Ok,M
4	SSTDICC010	BP025073.D	03 Jul 2025 11:02	CG/JU	Ok,M
5	SSTDICC020	BP025074.D	03 Jul 2025 11:44	CG/JU	Ok,M
6	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	CG/JU	Ok,M
7	SSTDICC050	BP025076.D	03 Jul 2025 13:07	CG/JU	Ok,M
8	SSTDICC060	BP025077.D	03 Jul 2025 13:49	CG/JU	Ok,M
9	SSTDICC080	BP025078.D	03 Jul 2025 14:31	CG/JU	Ok,M
10	SSTDICV040	BP025079.D	03 Jul 2025 16:18	CG/JU	Ok,M
11	PB168694BL	BP025080.D	03 Jul 2025 16:59	CG/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # 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 # BP071625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP071625	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025154.D	16 Jul 2025 11:19	CG/JU	Ok
2	SSTDCCC040	BP025155.D	16 Jul 2025 12:42	CG/JU	Ok,NR
3	PB168832BL	BP025156.D	16 Jul 2025 13:23	CG/JU	Ok
4	PB168832BS	BP025157.D	16 Jul 2025 14:05	CG/JU	Ok,NR
5	Q2586-01	BP025158.D	16 Jul 2025 14:49	CG/JU	Ok
6	Q2586-01MS	BP025159.D	16 Jul 2025 15:31	CG/JU	Ok,NR
7	Q2586-01MSD	BP025160.D	16 Jul 2025 16:12	CG/JU	Ok,NR
8	Q2600-05	BP025161.D	16 Jul 2025 16:54	CG/JU	Ok
9	Q2529-02	BP025162.D	16 Jul 2025 17:36	CG/JU	Ok,NR
10	Q2600-01	BP025163.D	16 Jul 2025 18:17	CG/JU	Ok,NR
11	Q2600-09	BP025164.D	16 Jul 2025 18:59	CG/JU	ReRun
12	Q2598-01	BP025165.D	16 Jul 2025 19:40	CG/JU	Dilution
13	Q2592-01	BP025166.D	16 Jul 2025 20:22	CG/JU	ReRun
14	Q2589-01	BP025167.D	16 Jul 2025 21:04	CG/JU	Not Ok
15	Q2565-04	BP025168.D	16 Jul 2025 21:45	CG/JU	ReRun
16	Q2611-01	BP025169.D	16 Jul 2025 22:26	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 # 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

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 # 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

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM070925

Review By	Rahul	Review On	7/9/2025 9:48:51 AM		
Supervise By	Jagrut	Supervise On	7/9/2025 2:15:39 PM		
SubDirectory	BM070925	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050376.D	08 Jul 2025 11:59		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050377.D	08 Jul 2025 12:39		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050378.D	08 Jul 2025 13:19		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM050379.D	08 Jul 2025 14:00		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050380.D	08 Jul 2025 14:40		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050381.D	08 Jul 2025 15:20	Compound#32,54,57,62,65 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM050382.D	08 Jul 2025 16:01		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BM050383.D	08 Jul 2025 16:41		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050384.D	08 Jul 2025 17:22	Compound#09 removed from 80 ppm	RC/JU	Ok
10	SSTDICV040	ICVBM070925	BM050385.D	08 Jul 2025 18:05	Comp#77 Failed from High side	RC/JU	Ok,M
11	PB168722BL	PB168722BL	BM050386.D	08 Jul 2025 19:26		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM071025

Review By	Rahul	Review On	7/11/2025 12:08:59 PM		
Supervise By	Jagrut	Supervise On	7/11/2025 2:56:38 PM		
SubDirectory	BM071025	HP Acquire Method	BNA_M	HP Processing Method	bm070925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050387.D	10 Jul 2025 13:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050388.D	10 Jul 2025 13:53		RC/JU	Ok,M
3	PB168689TB	PB168689TB	BM050389.D	10 Jul 2025 14:33		RC/JU	Ok
4	Q2529-03	TP-79	BM050390.D	10 Jul 2025 15:17		RC/JU	Ok
5	Q2529-05	TP-98	BM050391.D	10 Jul 2025 15:57		RC/JU	Ok
6	Q2529-08	TP-89	BM050392.D	10 Jul 2025 16:37		RC/JU	Ok
7	Q2529-09	TP-33	BM050393.D	10 Jul 2025 17:18		RC/JU	Ok
8	Q2543-02	TP-49	BM050394.D	10 Jul 2025 17:58		RC/JU	Ok,M
9	Q2543-02MS	TP-49MS	BM050395.D	10 Jul 2025 18:38		RC/JU	Ok,M
10	Q2543-02MSD	TP-49MSD	BM050396.D	10 Jul 2025 19:18		RC/JU	Ok,M
11	Q2489-01	G4(0-6)	BM050397.D	10 Jul 2025 19:59		RC/JU	Ok
12	Q2489-01MS	G4(0-6)MS	BM050398.D	10 Jul 2025 20:39		RC/JU	Ok,M
13	Q2489-01MSD	G4(0-6)MSD	BM050399.D	10 Jul 2025 21:19		RC/JU	Ok,M
14	Q2489-02	G4(6-12)	BM050400.D	10 Jul 2025 21:59		RC/JU	Ok
15	Q2489-03	G3(0-6)	BM050401.D	10 Jul 2025 22:39		RC/JU	Ok
16	Q2543-03	TP-23	BM050402.D	10 Jul 2025 23:19		RC/JU	Ok
17	Q2543-04	TP-23-99	BM050403.D	10 Jul 2025 23:59		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP070325

Review By	Rahul	Review On	7/7/2025 11:36:11 AM		
Supervise By	Jagrut	Supervise On	7/7/2025 12:15:03 PM		
SubDirectory	BP070325	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12672,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025070.D	03 Jul 2025 08:58		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025071.D	03 Jul 2025 09:39		CG/JU	Ok
3	SSTDICC005	SSTDICC005	BP025072.D	03 Jul 2025 10:21		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025073.D	03 Jul 2025 11:02		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025074.D	03 Jul 2025 11:44		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025075.D	03 Jul 2025 12:25	compound #77 failed in the calibration.	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025076.D	03 Jul 2025 13:07	Compound#26,32,48,54,57,65,80,85 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

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # 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,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP071625

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BP071625	HP Acquire Method	BNA_P	HP Processing Method	bp070325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12673,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025154.D	16 Jul 2025 11:19		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025155.D	16 Jul 2025 12:42	CCC fail high side for com. #26,32,41,54,65,77,82 and #84 and surrogate #42 is high	CG/JU	Ok,NR
3	PB168832BL	PB168832BL	BP025156.D	16 Jul 2025 13:23		CG/JU	Ok
4	PB168832BS	PB168832BS	BP025157.D	16 Jul 2025 14:05		CG/JU	Ok,NR
5	Q2586-01	TP-16	BP025158.D	16 Jul 2025 14:49		CG/JU	Ok
6	Q2586-01MS	TP-16MS	BP025159.D	16 Jul 2025 15:31		CG/JU	Ok,NR
7	Q2586-01MSD	TP-16MSD	BP025160.D	16 Jul 2025 16:12		CG/JU	Ok,NR
8	Q2600-05	STOCK-PILE	BP025161.D	16 Jul 2025 16:54	CCC fail high side for com. #84 (Below CRQL)	CG/JU	Ok
9	Q2529-02	TP-80	BP025162.D	16 Jul 2025 17:36		CG/JU	Ok,NR
10	Q2600-01	TRENCH	BP025163.D	16 Jul 2025 18:17	CCC Fail High side for comp #84 (Below CRQL)	CG/JU	Ok,NR
11	Q2600-09	END-OF-TRENCH	BP025164.D	16 Jul 2025 18:59	CCC Fail High side for comp #84	CG/JU	ReRun
12	Q2598-01	OK-01-071425	BP025165.D	16 Jul 2025 19:40	Need 2X Dilution	CG/JU	Dilution
13	Q2592-01	WC-SOIL-20250711	BP025166.D	16 Jul 2025 20:22	CCC Fail High side for comp #32(Below CRQL),84	CG/JU	ReRun
14	Q2589-01	AU-06-071125	BP025167.D	16 Jul 2025 21:04	Need Straight Run	CG/JU	Not Ok
15	Q2565-04	MOO-25-0196	BP025168.D	16 Jul 2025 21:45	CCC Fail High side for comp #84	CG/JU	ReRun
16	Q2611-01	EO-02-071525	BP025169.D	16 Jul 2025 22:26		CG/JU	Ok,NR

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136392

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
Q2519-01	TP-15	1	1.15	10.19	11.34	9.86	85.5	
Q2519-02	TP-15 EPH	2	1.19	10.75	11.94	10.4	85.7	
Q2519-03	TP-15 VOC	3	1.19	10.57	11.76	10.3	86.2	
Q2521-01	M1A	4	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-02	M1B	5	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-03	M2A	6	1.00	1.00	2.00	2.00	100.0	PILC
Q2521-04	M2B	7	1.00	1.00	2.00	2.00	100.0	PILC
Q2523-01	MOO-25-0190	8	1.15	10.15	11.3	10.95	96.6	
Q2523-02	PAD-070825-1	9	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2523-03	PAD-070825-2	10	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2524-01	OLD RETENTION BASIN 40TH	11	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2526-01	LAW-25-0101	12	1.00	1.00	2.00	2.00	100.0	debris
Q2526-02	LAW-25-0101	13	1.00	1.00	2.00	2.00	100.0	debris
Q2526-03	LAW-25-0102	14	1.15	10.84	11.99	5.76	42.5	
Q2526-04	LAW-25-0102	15	1.15	11.15	12.3	6.73	50.0	
Q2527-01	AR520-0015	16	1.15	10.73	11.88	9.58	78.6	
Q2527-02	AR520-0015	17	1.19	10.03	11.22	10.7	94.8	
Q2527-03	LAW-PAD-070825	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2528-01	L4A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-02	L4B	20	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-03	L5A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-04	L5B	22	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-05	L6A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-06	L6B	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-07	L7A	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-08	L7B	26	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-09	L8A	27	1.00	1.00	2.00	2.00	100.0	PILC
Q2528-10	L8B	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/9/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:22
Out Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136392

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
Q2528-11	L9A	29	1.00	1.00	2.00	2.00	100.0	PILC
Q2529-01	TP-91	30	1.18	9.93	11.11	10.21	90.9	
Q2529-02	TP-80	31	1.13	10.34	11.47	10.51	90.7	
Q2529-03	TP-79	32	1.15	10.84	11.99	10.97	90.6	
Q2529-04	TP-95	33	1.14	10.81	11.95	10.19	83.7	
Q2529-05	TP-98	34	1.18	10.80	11.98	10.56	86.9	
Q2529-06	TP-102	35	1.16	10.24	11.4	10.95	95.6	
Q2529-07	TP-101	36	1.18	10.78	11.96	10.85	89.7	
Q2529-08	TP-89	37	1.14	10.39	11.53	10.5	90.1	
Q2529-09	TP-33	38	1.16	10.36	11.52	10.54	90.5	
Q2529-10	TP-30	39	1.17	10.78	11.95	11.02	91.4	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB136392

WorkList Name : %1-070825 **WorkList ID :** 190583 **Department :** Wet-Chemistry **Date :** 07-08-2025 09:34:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2519-01	TP-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2519-02	TP-15 EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2519-03	TP-15 VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/08/2025	Chemtech -SO
Q2521-01	M1A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-02	M1B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-03	M2A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2521-04	M2B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-01	MOO-25-0190	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-02	PAD-070825-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2523-03	PAD-070825-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/08/2025	Chemtech -SO
Q2524-01	OLD RETENTION BASIN 40TH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-01	LAW-25-0101	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-02	LAW-25-0101	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-03	LAW-25-0102	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2526-04	LAW-25-0102	Solid	Percent Solids	Cool 4 deg C	PSEG03	O13	07/08/2025	Chemtech -SO
Q2527-01	AR520-0015	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2527-02	AR520-0015	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2527-03	LAW-PAD-070825	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/08/2025	Chemtech -SO
Q2528-01	L4A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-02	L4B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-03	L5A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO

Date/Time 07/08/25 15:35

Raw Sample Received by: JR WOC1

Raw Sample Relinquished by: CP SM

Date/Time 07/08/25 17:15

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JR WOC1

WORKLIST(Hardcopy Internal Chain)

136392

WorkList Name : %1-070825 **WorkList ID :** 190583 **Department :** Wet-Chemistry **Date :** 07-08-2025 09:34:59

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2528-04	L5B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-05	L6A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-06	L6B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-07	L7A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-08	L7B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-09	L8A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-10	L8B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2528-11	L9A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2529-01	TP-91	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/08/2025	Chemtech -SO
Q2529-02	TP-80	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/03/2025	Chemtech -SO
Q2529-03	TP-79	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-04	TP-95	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-05	TP-98	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-06	TP-102	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-07	TP-101	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-08	TP-89	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/07/2025	Chemtech -SO
Q2529-09	TP-33	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/08/2025	Chemtech -SO
Q2529-10	TP-30	Solid	Percent Solids	Cool 4 deg C	CAMP02	O11	07/08/2025	Chemtech -SO

Date/Time 07/08/25 15:35

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: CP SM

Date/Time 07/08/25 17:15

Raw Sample Received by: CP SM

Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168767

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	07/09/2025
Matrix :	Solid			**Extraction Start Time :**	08:55
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	07/09/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:20
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2624
Sand	N/A	E3951
Methylene Chloride	N/A	E3943
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vail Lot # 2210443, Q2526-01 used Limited volume as sample is Oily Debris.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/9/25	RS (EXT lab)	R/SVOC
12:25	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168767

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 07/09/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168767BL	SBLK767	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U1-1
PB168767BS	SLCS767	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q2517-01	TP-14	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		3
Q2517-01MS	TP-14MS	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		4
Q2517-01MSD	TP-14MSD	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		5
Q2519-01	TP-15	SVOC-TCL BNA -20	50.06	N/A	ritesh	Evelyn	1	E		6
Q2523-01	MOO-25-0190	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E	Small Partical	U2-1
Q2523-02	PAD-070825-1	SVOC-PAH	50.05	N/A	ritesh	Evelyn	1	B	Concrete	2
Q2523-03	PAD-070825-2	SVOC-PAH	50.07	N/A	ritesh	Evelyn	1	B	Concrete	3
Q2524-01	OLD RETENTION BASIN 40TH	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1	B	Concrete	4
Q2526-01	LAW-25-0101	SVOC-TCL BNA -20	5.01	N/A	ritesh	Evelyn	1	D	Oily Debris	5
Q2526-03	LAW-25-0102	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	D	Small Partical	6
Q2527-01	AR520-0015	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		U3-1
Q2527-03	LAW-PAD-070825	SVOC-PAH	50.06	N/A	ritesh	Evelyn	1	B	Concrete	2
Q2529-01	TP-91	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		3
Q2529-02	TP-80	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2529-03	TP-79	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		5
Q2529-04	TP-95	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q2529-05	TP-98	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	E		U6-1
Q2529-06	TP-102	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	E		2
Q2529-07	TP-101	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		3
Q2529-08	TP-89	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2529-09	TP-33	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		5
Q2529-10	TP-30	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		6

RS 7/9

* **Extracts relinguished on the same date as received.**

168367 8:55

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2523 **WorkList ID :** 190601 **Department :** Extraction **Date :** 07-09-2025 08:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2517-01	TP-14	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O23	07/07/2025	8270E
Q2519-01	TP-15	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O11	07/08/2025	8270E
Q2523-01	MOO-25-0190	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O21	07/08/2025	8270E
Q2523-02	PAD-070825-1	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	O21	07/08/2025	8270E
Q2523-03	PAD-070825-2	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	O21	07/08/2025	8270E
Q2524-01	OLD RETENTION BASIN 40TH	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	O21	07/08/2025	8270E
Q2526-01	LAW-25-0101	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O13	07/08/2025	8270E
Q2526-03	LAW-25-0102	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O13	07/08/2025	8270E
Q2527-01	AR520-0015	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	O22	07/08/2025	8270E
Q2527-03	LAW-PAD-070825	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	O22	07/08/2025	8270E
Q2529-01	TP-91	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/03/2025	8270E
Q2529-02	TP-80	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-03	TP-79	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-04	TP-95	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-05	TP-98	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-06	TP-102	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-07	TP-101	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/07/2025	8270E
Q2529-08	TP-89	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/08/2025	8270E
Q2529-09	TP-33	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/08/2025	8270E
Q2529-10	TP-30	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	O11	07/08/2025	8270E

Date/Time 07/09/25 8:50
Raw Sample Received by: RJ (EET-Lab)
Raw Sample Relinquished by: [signature]

Date/Time 07/09/25 9:20
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (EET-Lab)



SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. / QUOTE NO. Q2529
COC Number 2047550

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: FELIPE CONTRERAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 7325904679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. TCL VOC
2. TCL SVOC
3. TAL METALS
4. PESTICIDES
5. HERBICIDES
6. PCB's
7. DRO/GRO
8.
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	TP-91	S		X	7/3/25	1335	6	X	X	X	X	X	X	X			E
2.	TP-80	S		X	7/7/25	0830	6	X	X	X	X	X	X	X			E
3.	TP-79	S		X	7/7/25	0930	6	X	X	X	X	X	X	X			E
4.	TP-95	S		X	7/7/25	1025	6	X	X	X	X	X	X	X			E
5.	TP-98	S		X	7/7/25	1100	6	X	X	X	X	X	X	X			E
6.	TP-102	S		X	7/7/25	1200	6	X	X	X	X	X	X	X			E
7.	TP-101	S		X	7/7/25	1505	6	X	X	X	X	X	X	X			E
8.	TP-89	S		X	7/8/25	0810	6	X	X	X	X	X	X	X			E
9.	TP-33	S		X	7/8/25	1015	6	X	X	X	X	X	X	X			E
10.	TP-30	S		X	7/8/25	1145	6	X	X	X	X	X	X	X			E

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	7/8/25 1422	1. 7-8-25
2.	DATE/TIME:	2.
3.	DATE/TIME: 1530 7825	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.2 °C
Comments:

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2529 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 7/8/2025 3:36:00 PM
Project Name : South River WM Replacem
Receive DateTime : 7/8/2025 3:30:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2 4
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2529-01	TP-91	Solid	07/03/2025	13:35					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-02	TP-80	Solid	07/07/2025	08:30					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-03	TP-79	Solid	07/07/2025	09:30					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-04	TP-95	Solid	07/07/2025	10:25					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-05	TP-98	Solid	07/07/2025	11:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-06	TP-102	Solid	07/07/2025	12:00					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-07	TP-101	Solid	07/07/2025	15:05					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-08	TP-89	Solid	07/08/2025	08:10					

Alliance
L N A O F
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2529 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 7/8/2025 3:36:00 PM
Project Name : South River WM Replacem
Receive DateTime : 7/8/2025 3:30:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 2
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-09	TP-33	Solid	07/08/2025	10:15					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2529-10	TP-30	Solid	07/08/2025	11:45					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinguished By :
Date / Time : 7-8-25 1615

Received By : JC
Date / Time : 7/8/25 1615

Storage Area : VOA Refridgerator Room