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

Order ID : Q1956

Project ID : Bergen Point Fueling System

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q1956-01	SB1-3-4
Q1956-02	SB2-4-5
Q1956-03	Q1956-02MS
Q1956-04	Q1956-02MSD
Q1956-05	COMP1
Q1956-06	SB91-3-4
Q1956-07	FB-05022025
Q1956-09	TB

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

Signature : _____

Date: 5/8/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1956**

	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: **KETAN PATEL** **Date:** **05/08/2025**

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LAB CHRONICLE

OrderID:	Q1956	**OrderDate:**	5/2/2025 3:14:35 PM
Client:	CDM Smith	**Project:**	Bergen Point Fueling System
Contact:	Marcie Ann Encinas	**Location:**	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1956-01	**SB1-3-4**	**SOIL**			**05/01/25**			**05/02/25**
			SVOC-TCL BNA -20	8270E		05/06/25	05/06/25	
Q1956-02	**SB2-4-5**	**SOIL**			**05/02/25**			**05/02/25**
			SVOC-TCL BNA -20	8270E		05/06/25	05/06/25	
Q1956-06	**SB91-3-4**	**SOIL**			**05/01/25**			**05/02/25**
			SVOC-TCL BNA -20	8270E		05/06/25	05/06/25	
Q1956-07	**FB-05022025**	**Water**			**05/02/25**			**05/02/25**
			SVOC-TCL BNA -20	8270E		05/07/25	05/07/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1956

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SB1-3-4									
Q1956-01	SB1-3-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	Benzophenone	*	190.000	J	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	n-Hexadecanoic acid	*	290.000	J	0	0	ug/Kg
Q1956-01	SB1-3-4	SOIL	Octadecanoic acid	*	83.500	J	0	0	ug/Kg
			Total Tics :		**753.50**				
			Total Concentration:		**753.50**				
Client ID : SB2-4-5									
Q1956-02	SB2-4-5	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	250.000	AB	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Benzophenone	*	150.000	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Cyclotetracosane	*	93.900	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	Hexathiane	*	81.100	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	n-Hexadecanoic acid	*	290.000	J	0	0	ug/Kg
Q1956-02	SB2-4-5	SOIL	unknown14.563	*	1,100.000	J	0	0	ug/Kg
			Total Tics :		**1,965.00**				
			Total Concentration:		**1,965.00**				
Client ID : SB91-3-4									
Q1956-06	SB91-3-4	SOIL	1-Phenoxypropan-2-ol	*	100.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	Benzophenone	*	110.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	n-Hexadecanoic acid	*	93.400	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	Propylene Glycol	*	120.000	J	0	0	ug/Kg
Q1956-06	SB91-3-4	SOIL	unknown14.563	*	590.000	J	0	0	ug/Kg
			Total Tics :		**1,223.40**				
			Total Concentration:		**1,223.40**				
Client ID : FB-05022025									
Q1956-07	FB-05022025	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.300	AB	0	0	ug/L
Q1956-07	FB-05022025	WATER	Benzophenone	*	2.300	J	0	0	ug/L
Q1956-07	FB-05022025	WATER	Butyl citrate	*	8.000	J	0	0	ug/L
Q1956-07	FB-05022025	WATER	n-Hexadecanoic acid	*	3.000	J	0	0	ug/L
			Total Tics :		**16.60**				
			Total Concentration:		**16.60**				



QC SUMMARY

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

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167879BL	PB167879BL	2-Fluorophenol	150	128	86		18	112
		Phenol-d6	150	123	82		15	107
		Nitrobenzene-d5	100	75.4	75		18	107
		2-Fluorobiphenyl	100	75.5	75		20	109
		2,4,6-Tribromophenol	150	127	85		10	116
		Terphenyl-d14	100	89.9	90		10	105
PB167879BS	PB167879BS	2-Fluorophenol	150	127	84		18	112
		Phenol-d6	150	121	81		15	107
		Nitrobenzene-d5	100	74.7	75		18	107
		2-Fluorobiphenyl	100	75.8	76		20	109
		2,4,6-Tribromophenol	150	125	83		10	116
		Terphenyl-d14	100	83.5	84		10	105
Q1956-01	SB1-3-4	2-Fluorophenol	150	85.0	57		18	112
		Phenol-d6	150	80.6	54		15	107
		Nitrobenzene-d5	100	55.4	55		18	107
		2-Fluorobiphenyl	100	46.9	47		20	109
		2,4,6-Tribromophenol	150	103	69		10	116
		Terphenyl-d14	100	44.6	45		10	105
Q1956-02	SB2-4-5	2-Fluorophenol	150	117	78		18	112
		Phenol-d6	150	108	72		15	107
		Nitrobenzene-d5	100	77.3	77		18	107
		2-Fluorobiphenyl	100	73.9	74		20	109
		2,4,6-Tribromophenol	150	141	94		10	116
		Terphenyl-d14	100	71.8	72		10	105
Q1956-03MS	SB2-4-5MS	2-Fluorophenol	150	110	73		18	112
		Phenol-d6	150	104	70		15	107
		Nitrobenzene-d5	100	72.1	72		18	107
		2-Fluorobiphenyl	100	69.2	69		20	109
		2,4,6-Tribromophenol	150	132	88		10	116
		Terphenyl-d14	100	70.9	71		10	105
Q1956-04MSD	SB2-4-5MSD	2-Fluorophenol	150	105	70		18	112
		Phenol-d6	150	99.7	66		15	107
		Nitrobenzene-d5	100	69.9	70		18	107
		2-Fluorobiphenyl	100	66.1	66		20	109
		2,4,6-Tribromophenol	150	125	84		10	116
		Terphenyl-d14	100	65.0	65		10	105
Q1956-06	SB91-3-4	2-Fluorophenol	150	92.0	61		18	112
		Phenol-d6	150	84.7	56		15	107
		Nitrobenzene-d5	100	61.8	62		18	107
		2-Fluorobiphenyl	100	53.2	53		20	109
		2,4,6-Tribromophenol	150	111	74		10	116
		Terphenyl-d14	100	48.7	49		10	105

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Surrogate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167889BL	PB167889BL	2-Fluorophenol	150	134	90		10	139
		Phenol-d6	150	128	85		10	134
		Nitrobenzene-d5	100	78.9	79		49	133
		2-Fluorobiphenyl	100	80.6	81		52	132
		2,4,6-Tribromophenol	150	129	86		44	137
		Terphenyl-d14	100	92.2	92		48	125
PB167889BS	PB167889BS	2-Fluorophenol	150	127	85		10	139
		Phenol-d6	150	123	82		10	134
		Nitrobenzene-d5	100	74.0	74		49	133
		2-Fluorobiphenyl	100	76.1	76		52	132
		2,4,6-Tribromophenol	150	124	83		44	137
		Terphenyl-d14	100	79.2	79		48	125
PB167889BSD	PB167889BSD	2-Fluorophenol	150	134	89		10	139
		Phenol-d6	150	129	86		10	134
		Nitrobenzene-d5	100	78.3	78		49	133
		2-Fluorobiphenyl	100	80.2	80		52	132
		2,4,6-Tribromophenol	150	131	87		44	137
		Terphenyl-d14	100	85.8	86		48	125
Q1956-07	FB-05022025	2-Fluorophenol	150	61.6	41		10	139
		Phenol-d6	150	36.9	25		10	134
		Nitrobenzene-d5	100	78.8	79		49	133
		2-Fluorobiphenyl	100	74.4	74		52	132
		2,4,6-Tribromophenol	150	144	96		44	137
		Terphenyl-d14	100	84.3	84		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1956-03MS		**Client Sample ID: SB2-4-5MS**						**DataFile:**	**BP024551.D**		
Benzaldehyde	1800	0	1100	ug/Kg	61				10	86	
Phenol	1800	0	1700	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83				54	125	
2-Chlorophenol	1800	0	1700	ug/Kg	94				79	107	
2-Methylphenol	1800	0	1800	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1800	0	1600	ug/Kg	89				65	110	
Acetophenone	1800	0	1600	ug/Kg	89				75	111	
3+4-Methylphenols	1800	0	1800	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83				59	119	
Hexachloroethane	1800	0	1700	ug/Kg	94				65	117	
Nitrobenzene	1800	0	1600	ug/Kg	89				70	119	
Isophorone	1800	0	1700	ug/Kg	94				76	122	
2-Nitrophenol	1800	0	1800	ug/Kg	100				54	145	
2,4-Dimethylphenol	1800	0	2500	ug/Kg	139	*			44	135	
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83				68	112	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				72	118	
Naphthalene	1800	0	1600	ug/Kg	89				72	110	
4-Chloroaniline	1800	0	910	ug/Kg	51				10	91	
Hexachlorobutadiene	1800	0	1800	ug/Kg	100				66	114	
Caprolactam	1800	0	1700	ug/Kg	94				51	134	
4-Chloro-3-methylphenol	1800	0	1800	ug/Kg	100				57	132	
2-Methylnaphthalene	1800	0	1500	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	3600	0	5300	ug/Kg	147				10	175	
2,4,6-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
2,4,5-Trichlorophenol	1800	0	1900	ug/Kg	106				72	117	
1,1-Biphenyl	1800	0	1600	ug/Kg	89				75	113	
2-Chloronaphthalene	1800	0	1700	ug/Kg	94				67	118	
2-Nitroaniline	1800	0	1900	ug/Kg	106				69	127	
Dimethylphthalate	1800	0	1700	ug/Kg	94				70	113	
Acenaphthylene	1800	0	1800	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1800	0	1800	ug/Kg	100				70	125	
3-Nitroaniline	1800	0	1700	ug/Kg	94				30	99	
Acenaphthene	1800	0	1600	ug/Kg	89				70	121	
2,4-Dinitrophenol	3600	0	3500	ug/Kg	97				10	155	
4-Nitrophenol	3600	0	3600	ug/Kg	100				45	133	
Dibenzofuran	1800	0	1600	ug/Kg	89				72	110	
2,4-Dinitrotoluene	1800	0	1900	ug/Kg	106				55	128	
Diethylphthalate	1800	0	1700	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1800	0	1700	ug/Kg	94				71	108	
Fluorene	1800	0	1700	ug/Kg	94				68	116	
4-Nitroaniline	1800	0	1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800	0	1700	ug/Kg	94				10	160	
N-Nitrosodiphenylamine	1800	0	1700	ug/Kg	94				73	118	
4-Bromophenyl-phenylether	1800	0	1800	ug/Kg	100				65	121	
Hexachlorobenzene	1800	0	1900	ug/Kg	106				67	118	
Atrazine	1800	0	2400	ug/Kg	133	*			79	127	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Pentachlorophenol	3600	0	3600	ug/Kg	100				47	128	
Phenanthrene	1800	0	1700	ug/Kg	94				52	128	
Anthracene	1800	0	1800	ug/Kg	100				62	124	
Carbazole	1800	0	1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800	0	1800	ug/Kg	100				69	118	
Fluoranthene	1800	0	1700	ug/Kg	94				44	125	
Pyrene	1800	0	1700	ug/Kg	94				26	142	
Butylbenzylphthalate	1800	0	1900	ug/Kg	106				64	126	
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78				33	116	
Benzo(a)anthracene	1800	0	1700	ug/Kg	94				71	114	
Chrysene	1800	0	1600	ug/Kg	89				57	121	
bis(2-Ethylhexyl)phthalate	1800	0	1800	ug/Kg	100				42	169	
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1800	0	1600	ug/Kg	89				67	121	
Benzo(k)fluoranthene	1800	0	1700	ug/Kg	94				57	134	
Benzo(a)pyrene	1800	0	1800	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1800	0	1800	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1800	0	1700	ug/Kg	94				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	1700	ug/Kg	94				69	124	
1,4-Dioxane	1800	0	1400	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1800	ug/Kg	100				69	112	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q1956-04MSD		**Client Sample ID: SB2-4-5MSD**						**DataFile: BP024552.D**			
Benzaldehyde	1800	0	1100	ug/Kg	61		0		10	86	20
Phenol	1800	0	1600	ug/Kg	89		5		67	126	20
bis(2-Chloroethyl)ether	1800	0	1500	ug/Kg	83		0		54	125	20
2-Chlorophenol	1800	0	1700	ug/Kg	94		0		79	107	20
2-Methylphenol	1800	0	1700	ug/Kg	94		6		66	122	20
2,2-oxybis(1-Chloropropane)	1800	0	1500	ug/Kg	83		7		65	110	20
Acetophenone	1800	0	1600	ug/Kg	89		0		75	111	20
3+4-Methylphenols	1800	0	1700	ug/Kg	94		6		66	104	20
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83		0		59	119	20
Hexachloroethane	1800	0	1600	ug/Kg	89		5		65	117	20
Nitrobenzene	1800	0	1600	ug/Kg	89		0		70	119	20
Isophorone	1800	0	1600	ug/Kg	89		5		76	122	20
2-Nitrophenol	1800	0	1700	ug/Kg	94		6		54	145	20
2,4-Dimethylphenol	1800	0	2400	ug/Kg	133		4		44	135	20
bis(2-Chloroethoxy)methane	1800	0	1500	ug/Kg	83		0		68	112	20
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100		0		72	118	20
Naphthalene	1800	0	1500	ug/Kg	83		7		72	110	20
4-Chloroaniline	1800	0	900	ug/Kg	50		2		10	91	20
Hexachlorobutadiene	1800	0	1800	ug/Kg	100		0		66	114	20
Caprolactam	1800	0	1700	ug/Kg	94		0		51	134	20
4-Chloro-3-methylphenol	1800	0	1700	ug/Kg	94		6		57	132	20
2-Methylnaphthalene	1800	0	1400	ug/Kg	78		6		59	123	20
Hexachlorocyclopentadiene	3600	0	4900	ug/Kg	136		8		10	175	20
2,4,6-Trichlorophenol	1800	0	1800	ug/Kg	100		6		72	117	20
2,4,5-Trichlorophenol	1800	0	1800	ug/Kg	100		6		72	117	20
1,1-Biphenyl	1800	0	1600	ug/Kg	89		0		75	113	20
2-Chloronaphthalene	1800	0	1600	ug/Kg	89		5		67	118	20
2-Nitroaniline	1800	0	1900	ug/Kg	106		0		69	127	20
Dimethylphthalate	1800	0	1600	ug/Kg	89		5		70	113	20
Acenaphthylene	1800	0	1700	ug/Kg	94		6		79	118	20
2,6-Dinitrotoluene	1800	0	1700	ug/Kg	94		6		70	125	20
3-Nitroaniline	1800	0	1600	ug/Kg	89		5		30	99	20
Acenaphthene	1800	0	1600	ug/Kg	89		0		70	121	20
2,4-Dinitrophenol	3600	0	3300	ug/Kg	92		5		10	155	20
4-Nitrophenol	3600	0	3500	ug/Kg	97		3		45	133	20
Dibenzofuran	1800	0	1500	ug/Kg	83		7		72	110	20
2,4-Dinitrotoluene	1800	0	1800	ug/Kg	100		6		55	128	20
Diethylphthalate	1800	0	1600	ug/Kg	89		5		70	112	20
4-Chlorophenyl-phenylether	1800	0	1600	ug/Kg	89		5		71	108	20
Fluorene	1800	0	1600	ug/Kg	89		5		68	116	20
4-Nitroaniline	1800	0	1700	ug/Kg	94		0		55	120	20
4,6-Dinitro-2-methylphenol	1800	0	1600	ug/Kg	89		5		10	160	20
N-Nitrosodiphenylamine	1800	0	1600	ug/Kg	89		5		73	118	20
4-Bromophenyl-phenylether	1800	0	1700	ug/Kg	94		6		65	121	20
Hexachlorobenzene	1800	0	1800	ug/Kg	100		6		67	118	20
Atrazine	1800	0	2300	ug/Kg	128	*	4		79	127	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	3600	0	3500	ug/Kg	97		3		47	128	20
Phenanthrene	1800	0	1600	ug/Kg	89		5		52	128	20
Anthracene	1800	0	1700	ug/Kg	94		6		62	124	20
Carbazole	1800	0	1700	ug/Kg	94		0		59	119	20
Di-n-butylphthalate	1800	0	1700	ug/Kg	94		6		69	118	20
Fluoranthene	1800	0	1600	ug/Kg	89		5		44	125	20
Pyrene	1800	0	1600	ug/Kg	89		5		26	142	20
Butylbenzylphthalate	1800	0	1700	ug/Kg	94		12		64	126	20
3,3-Dichlorobenzidine	1800	0	1400	ug/Kg	78		0		33	116	20
Benzo(a)anthracene	1800	0	1700	ug/Kg	94		0		71	114	20
Chrysene	1800	0	1600	ug/Kg	89		0		57	121	20
bis(2-Ethylhexyl)phthalate	1800	0	1700	ug/Kg	94		6		42	169	20
Di-n-octyl phthalate	1800	0	1800	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	1800	0	1500	ug/Kg	83		7		67	121	20
Benzo(k)fluoranthene	1800	0	1600	ug/Kg	89		5		57	134	20
Benzo(a)pyrene	1800	0	1800	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	0	1800	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1800	0	1700	ug/Kg	94		6		43	123	20
Benzo(g,h,i)perylene	1800	0	1700	ug/Kg	94		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1800	0	1700	ug/Kg	94		0		69	124	20
1,4-Dioxane	1800	0	1300	ug/Kg	72		8		46	112	20
2,3,4,6-Tetrachlorophenol	1800	0	1700	ug/Kg	94		6		69	112	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050131.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167879BS	Benzaldehyde	1700	740	ug/Kg	44				10	133	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101	
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112	
	2-Methylphenol	1700	1300	ug/Kg	76				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1200	ug/Kg	71				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1300	ug/Kg	76				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				46	141	
	bis(2-Chloroethoxy)methane	1700	1300	ug/Kg	76				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1200	ug/Kg	71				67	110	
	4-Chloro-3-methylphenol	1700	1300	ug/Kg	76				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3000	ug/Kg	91				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1300	ug/Kg	76				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	2,4-Dinitrophenol	3300	2600	ug/Kg	79				37	128	
	4-Nitrophenol	3300	2400	ug/Kg	73				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	Diethylphthalate	1700	1300	ug/Kg	76				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1200	ug/Kg	71				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050131.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167879BS	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1400	ug/Kg	82				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137	
	Benzo(b)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(k)fluoranthene	1700	1300	ug/Kg	76				62	109	
	Benzo(a)pyrene	1700	1400	ug/Kg	82				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				59	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167889BS	Benzaldehyde	50	23.0	ug/L	46				10	162	
	Phenol	50	42.9	ug/L	86				66	118	
	bis(2-Chloroethyl)ether	50	40.5	ug/L	81				62	103	
	2-Chlorophenol	50	42.6	ug/L	85				70	117	
	2-Methylphenol	50	41.7	ug/L	83				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.9	ug/L	82				65	100	
	Acetophenone	50	41.5	ug/L	83				60	104	
	3+4-Methylphenols	50	41.5	ug/L	83				67	106	
	N-Nitroso-di-n-propylamine	50	39.6	ug/L	79				57	107	
	Hexachloroethane	50	40.2	ug/L	80				76	118	
	Nitrobenzene	50	42.3	ug/L	85				58	106	
	Isophorone	50	39.9	ug/L	80				61	102	
	2-Nitrophenol	50	43.8	ug/L	88				70	115	
	2,4-Dimethylphenol	50	42.9	ug/L	86				42	142	
	bis(2-Chloroethoxy)methane	50	41.3	ug/L	83				58	109	
	2,4-Dichlorophenol	50	43.0	ug/L	86				66	115	
	Naphthalene	50	40.9	ug/L	82				64	107	
	4-Chloroaniline	50	17.7	ug/L	35				10	85	
	Hexachlorobutadiene	50	41.9	ug/L	84				69	101	
	Caprolactam	50	37.4	ug/L	75				58	128	
	4-Chloro-3-methylphenol	50	40.8	ug/L	82				65	114	
	2-Methylnaphthalene	50	39.9	ug/L	80				64	107	
	Hexachlorocyclopentadiene	100	95.8	ug/L	96				36	160	
	2,4,6-Trichlorophenol	50	44.8	ug/L	90				61	110	
	2,4,5-Trichlorophenol	50	44.3	ug/L	89				70	106	
	1,1-Biphenyl	50	43.2	ug/L	86				72	98	
	2-Chloronaphthalene	50	42.9	ug/L	86				59	106	
	2-Nitroaniline	50	44.7	ug/L	89				73	114	
	Dimethylphthalate	50	41.2	ug/L	82				64	103	
	Acenaphthylene	50	42.3	ug/L	85				79	103	
	2,6-Dinitrotoluene	50	43.1	ug/L	86				64	110	
	3-Nitroaniline	50	24.8	ug/L	50				28	100	
	Acenaphthene	50	42.1	ug/L	84				59	113	
	2,4-Dinitrophenol	100	79.6	ug/L	80				36	166	
	4-Nitrophenol	100	75.7	ug/L	76				45	147	
	Dibenzofuran	50	41.8	ug/L	84				65	106	
	2,4-Dinitrotoluene	50	42.9	ug/L	86				60	115	
	Diethylphthalate	50	40.0	ug/L	80				63	105	
	4-Chlorophenyl-phenylether	50	41.7	ug/L	83				61	104	
	Fluorene	50	41.6	ug/L	83				64	107	
	4-Nitroaniline	50	38.0	ug/L	76				55	125	
	4,6-Dinitro-2-methylphenol	50	44.5	ug/L	89				62	132	
	N-Nitrosodiphenylamine	50	45.5	ug/L	91				61	109	
	4-Bromophenyl-phenylether	50	44.3	ug/L	89				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050142.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167889BS	Hexachlorobenzene	50	44.5	ug/L	89				73	106	
	Atrazine	50	43.7	ug/L	87				76	120	
	Pentachlorophenol	100	95.9	ug/L	96				47	114	
	Phenanthrene	50	43.2	ug/L	86				62	109	
	Anthracene	50	43.9	ug/L	88				65	110	
	Carbazole	50	43.3	ug/L	87				62	106	
	Di-n-butylphthalate	50	42.6	ug/L	85				64	106	
	Fluoranthene	50	42.4	ug/L	85				64	110	
	Pyrene	50	44.0	ug/L	88				71	103	
	Butylbenzylphthalate	50	43.8	ug/L	88				61	105	
	3,3-Dichlorobenzidine	50	24.9	ug/L	50				43	108	
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107	
	Chrysene	50	43.2	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.8	ug/L	86				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Benzo(b)fluoranthene	50	43.5	ug/L	87				77	113	
	Benzo(k)fluoranthene	50	42.0	ug/L	84				77	105	
	Benzo(a)pyrene	50	43.9	ug/L	88				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				72	105	
	Dibenz(a,h)anthracene	50	49.0	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.2	ug/L	88				72	101	
	1,4-Dioxane	50	33.9	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	41.9	ug/L	84				63	116	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167889BSD	Benzaldehyde	50	23.2	ug/L	46	1			10	162	20
	Phenol	50	43.7	ug/L	87	2			66	118	20
	bis(2-Chloroethyl)ether	50	41.7	ug/L	83	3			62	103	20
	2-Chlorophenol	50	43.7	ug/L	87	3			70	117	20
	2-Methylphenol	50	42.7	ug/L	85	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	41.6	ug/L	83	2			65	100	20
	Acetophenone	50	42.8	ug/L	86	3			60	104	20
	3+4-Methylphenols	50	42.0	ug/L	84	1			67	106	20
	N-Nitroso-di-n-propylamine	50	40.2	ug/L	80	2			57	107	20
	Hexachloroethane	50	41.7	ug/L	83	4			76	118	20
	Nitrobenzene	50	43.5	ug/L	87	3			58	106	20
	Isophorone	50	40.9	ug/L	82	2			61	102	20
	2-Nitrophenol	50	45.0	ug/L	90	3			70	115	20
	2,4-Dimethylphenol	50	44.0	ug/L	88	3			42	142	20
	bis(2-Chloroethoxy)methane	50	42.0	ug/L	84	2			58	109	20
	2,4-Dichlorophenol	50	44.5	ug/L	89	3			66	115	20
	Naphthalene	50	42.4	ug/L	85	4			64	107	20
	4-Chloroaniline	50	16.2	ug/L	32	9			10	85	20
	Hexachlorobutadiene	50	43.7	ug/L	87	4			69	101	20
	Caprolactam	50	37.8	ug/L	76	1			58	128	20
	4-Chloro-3-methylphenol	50	41.1	ug/L	82	1			65	114	20
	2-Methylnaphthalene	50	41.1	ug/L	82	3			64	107	20
	Hexachlorocyclopentadiene	100	98.8	ug/L	99	3			36	160	20
	2,4,6-Trichlorophenol	50	45.6	ug/L	91	2			61	110	20
	2,4,5-Trichlorophenol	50	45.8	ug/L	92	3			70	106	20
	1,1-Biphenyl	50	44.4	ug/L	89	3			72	98	20
	2-Chloronaphthalene	50	44.6	ug/L	89	4			59	106	20
	2-Nitroaniline	50	45.7	ug/L	91	2			73	114	20
	Dimethylphthalate	50	42.1	ug/L	84	2			64	103	20
	Acenaphthylene	50	43.5	ug/L	87	3			79	103	20
	2,6-Dinitrotoluene	50	43.9	ug/L	88	2			64	110	20
	3-Nitroaniline	50	23.6	ug/L	47	5			28	100	20
	Acenaphthene	50	43.4	ug/L	87	3			59	113	20
	2,4-Dinitrophenol	100	81.0	ug/L	81	2			36	166	20
	4-Nitrophenol	100	75.5	ug/L	76	0			45	147	20
	Dibenzofuran	50	42.6	ug/L	85	2			65	106	20
	2,4-Dinitrotoluene	50	43.4	ug/L	87	1			60	115	20
	Diethylphthalate	50	40.7	ug/L	81	2			63	105	20
	4-Chlorophenyl-phenylether	50	42.7	ug/L	85	2			61	104	20
	Fluorene	50	42.4	ug/L	85	2			64	107	20
	4-Nitroaniline	50	37.3	ug/L	75	2			55	125	20
	4,6-Dinitro-2-methylphenol	50	45.5	ug/L	91	2			62	132	20
	N-Nitrosodiphenylamine	50	46.2	ug/L	92	2			61	109	20
	4-Bromophenyl-phenylether	50	45.6	ug/L	91	3			73	103	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1956

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BM050143.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167889BSD	Hexachlorobenzene	50	45.6	ug/L	91	2			73	106	20
	Atrazine	50	44.0	ug/L	88	1			76	120	20
	Pentachlorophenol	100	97.1	ug/L	97	1			47	114	20
	Phenanthrene	50	44.3	ug/L	89	3			62	109	20
	Anthracene	50	44.6	ug/L	89	2			65	110	20
	Carbazole	50	44.0	ug/L	88	2			62	106	20
	Di-n-butylphthalate	50	43.1	ug/L	86	1			64	106	20
	Fluoranthene	50	42.5	ug/L	85	0			64	110	20
	Pyrene	50	46.5	ug/L	93	6			71	103	20
	Butylbenzylphthalate	50	45.3	ug/L	91	3			61	105	20
	3,3-Dichlorobenzidine	50	25.0	ug/L	50	0			43	108	20
	Benzo(a)anthracene	50	45.0	ug/L	90	3			62	107	20
	Chrysene	50	44.3	ug/L	89	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	44.2	ug/L	88	3			59	110	20
	Di-n-octyl phthalate	50	44.4	ug/L	89	2			52	139	20
	Benzo(b)fluoranthene	50	44.1	ug/L	88	1			77	113	20
	Benzo(k)fluoranthene	50	43.1	ug/L	86	3			77	105	20
	Benzo(a)pyrene	50	44.6	ug/L	89	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100	3			72	105	20
	Dibenz(a,h)anthracene	50	50.4	ug/L	101	3			78	115	20
	Benzo(g,h,i)perylene	50	50.4	ug/L	101	4			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.8	ug/L	92	4			72	101	20
	1,4-Dioxane	50	35.6	ug/L	71	5			38	125	20
	2,3,4,6-Tetrachlorophenol	50	42.9	ug/L	86	2			63	116	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167879BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Lab File ID: BM050130.D Lab Sample ID: PB167879BL

Instrument ID: BNA_M Date Extracted: 05/06/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/07/2025

Level: (low/med) LOW Time Analyzed: 10:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167879BS	PB167879BS	BM050131.D	05/07/2025
SB1-3-4	Q1956-01	BP024549.D	05/06/2025
SB2-4-5	Q1956-02	BP024550.D	05/06/2025
SB2-4-5MS	Q1956-03MS	BP024551.D	05/06/2025
SB2-4-5MSD	Q1956-04MSD	BP024552.D	05/06/2025
SB91-3-4	Q1956-06	BP024553.D	05/06/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167889BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

Lab File ID: BM050141.D Lab Sample ID: PB167889BL

Instrument ID: BNA_M Date Extracted: 05/07/2025

Matrix: (soil/water) Water Date Analyzed: 05/08/2025

Level: (low/med) LOW Time Analyzed: 11:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167889BS	PB167889BS	BM050142.D	05/08/2025
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025
FB-05022025	Q1956-07	BM050136.D	05/07/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1956 SDG NO.: Q1956

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

Instrument ID: BNA_M DFTPP Injection Time: 11:46

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

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

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

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

Raw Data: **BM050128.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1956 SDG NO.: Q1956

Lab File ID: BM050128.D DFTPP Injection Date: 05/07/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	23
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	27.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12
442	Greater than 50% of mass 198	74.9
443	15.0 - 24.0% of mass 442	14.6 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM050129.D	05/07/2025	09:56
PB167879BL	PB167879BL	BM050130.D	05/07/2025	10:35
PB167879BS	PB167879BS	BM050131.D	05/07/2025	11:14
FB-05022025	Q1956-07	BM050136.D	05/07/2025	15:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1956 SDG NO.: Q1956

Lab File ID: BM050139.D DFTPP Injection Date: 05/08/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	25.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	33.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	13.6
442	Greater than 50% of mass 198	85.9
443	15.0 - 24.0% of mass 442	16.8 (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	BM050140.D	05/08/2025	10:41
PB167889BL	PB167889BL	BM050141.D	05/08/2025	11:21
PB167889BS	PB167889BS	BM050142.D	05/08/2025	12:00
PB167889BSD	PB167889BSD	BM050143.D	05/08/2025	12:39

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1956 SDG NO.: Q1956

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

Instrument ID: BNA_P DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.5
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	99.1
443	15.0 - 24.0% of mass 442	19.2 (19.4) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024275.D	04/14/2025	11:06
SSTDICC005	SSTDICC005	BP024276.D	04/14/2025	11:47
SSTDICC010	SSTDICC010	BP024277.D	04/14/2025	12:27
SSTDICC020	SSTDICC020	BP024278.D	04/14/2025	13:08
SSTDICCC040	SSTDICCC040	BP024279.D	04/14/2025	13:49
SSTDICC050	SSTDICC050	BP024280.D	04/14/2025	15:10
SSTDICC060	SSTDICC060	BP024281.D	04/14/2025	16:32
SSTDICC080	SSTDICC080	BP024282.D	04/14/2025	17:13

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q1956 SDG NO.: Q1956

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

Instrument ID: BNA_P DFTPP Injection Time: 09:37

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024540.D	05/06/2025	10:17
SB1-3-4	Q1956-01	BP024549.D	05/06/2025	16:27
SB2-4-5	Q1956-02	BP024550.D	05/06/2025	17:08
SB2-4-5MS	Q1956-03MS	BP024551.D	05/06/2025	17:48
SB2-4-5MSD	Q1956-04MSD	BP024552.D	05/06/2025	18:29
SB91-3-4	Q1956-06	BP024553.D	05/06/2025	19:10

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

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	266306	7.746	985466	10.53	648787	14.39
	UPPER LIMIT	532612	8.246	1970930	11.034	1297570	14.892
	LOWER LIMIT	133153	7.246	492733	10.034	324394	13.892
	EPA SAMPLE NO.						
01	PB167879BL	266570	7.75	933974	10.54	599928	14.39
02	PB167879BS	261504	7.75	899945	10.53	545059	14.39
03	FB-05022025	270666	7.75	990337	10.54	667274	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2025

Lab File ID: BM050129.D Time Analyzed: 09:56

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	1276060	17.139	1188730	21.386	1179190	24.38
	UPPER LIMIT	2552120	17.639	2377460	21.886	2358380	24.88
	LOWER LIMIT	638030	16.639	594365	20.886	589595	23.88
	EPA SAMPLE NO.						
01	PB167879BL	1149460	17.15	916515	21.39	987965	24.38
02	PB167879BS	982729	17.14	848155	21.39	892873	24.38
03	FB-05022025	1355840	17.15	1289770	21.39	1323340	24.39

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

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	370324	7.74	1368860	10.53	879874	14.39
	UPPER LIMIT	740648	8.24	2737720	11.034	1759750	14.892
	LOWER LIMIT	185162	7.24	684430	10.034	439937	13.892
	EPA SAMPLE NO.						
01	PB167889BL	284899	7.74	988666	10.54	615934	14.39
02	PB167889BS	270040	7.74	938494	10.53	568093	14.39
03	PB167889BSD	264346	7.74	911076	10.53	548910	14.39

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2025

Lab File ID: BM050140.D Time Analyzed: 10:41

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	1654930	17.139	1237710	21.386	1026250	24.38
	UPPER LIMIT	3309860	17.639	2475420	21.886	2052500	24.88
	LOWER LIMIT	827465	16.639	618855	20.886	513125	23.88
	EPA SAMPLE NO.						
01	PB167889BL	1138370	17.15	926404	21.39	1008660	24.39
02	PB167889BS	1021170	17.14	945959	21.38	977986	24.38
03	PB167889BSD	982803	17.14	868474	21.39	893841	24.38

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	159873	7.705	632107	10.48	387042	14.34
	UPPER LIMIT	319746	8.205	1264210	10.975	774084	14.839
	LOWER LIMIT	79936.5	7.205	316054	9.975	193521	13.839
	EPA SAMPLE NO.						
01	SB1-3-4	150689	7.70	615485	10.48	391349	14.33
02	SB2-4-5	144877	7.70	584391	10.48	366246	14.33
03	SB2-4-5MS	162516	7.70	676019	10.48	432416	14.34
04	SB2-4-5MSD	159404	7.71	649824	10.48	418006	14.34
05	SB91-3-4	154903	7.71	597113	10.48	372722	14.34

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG NO.: Q1956

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	762899	17.139	851557	21.58	1008560	24.898
	UPPER LIMIT	1525800	17.639	1703110	22.08	2017120	25.398
	LOWER LIMIT	381450	16.639	425779	21.08	504280	24.398
	EPA SAMPLE NO.						
01	SB1-3-4	806215	17.14	922966	21.58	1084080	24.92
02	SB2-4-5	734769	17.14	831828	21.58	997130	24.93
03	SB2-4-5MS	848825	17.13	867916	21.59	1020860	24.92
04	SB2-4-5MSD	822120	17.13	922769	21.59	1087020	24.92
05	SB91-3-4	751257	17.14	894391	21.58	1072140	24.90

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

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024549.D	1	05/06/25 09:25	05/06/25 16:27	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	370	U	180	370	ug/Kg
108-95-2	Phenol	190	U	24.8	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	27.3	190	ug/Kg
95-57-8	2-Chlorophenol	190	U	27.4	190	ug/Kg
95-48-7	2-Methylphenol	190	U	33.6	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	42.1	190	ug/Kg
98-86-2	Acetophenone	190	U	33.1	190	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	46.1	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	89.8	U	53.2	89.8	ug/Kg
67-72-1	Hexachloroethane	190	U	19.8	190	ug/Kg
98-95-3	Nitrobenzene	190	U	20.5	190	ug/Kg
78-59-1	Isophorone	190	U	36.8	190	ug/Kg
88-75-5	2-Nitrophenol	190	U	65.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	72.8	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	34.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	31.8	190	ug/Kg
91-20-3	Naphthalene	190	U	25.5	190	ug/Kg
106-47-8	4-Chloroaniline	190	U	39.7	190	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	28.4	190	ug/Kg
105-60-2	Caprolactam	370	U	58.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	32.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	28.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	22.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	32.7	190	ug/Kg
92-52-4	1,1-Biphenyl	190	U	24.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	25.3	190	ug/Kg
88-74-4	2-Nitroaniline	190	U	54.0	190	ug/Kg
131-11-3	Dimethylphthalate	190	U	30.4	190	ug/Kg

Raw Data: **BP024549.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024549.D	1	05/06/25 09:25	05/06/25 16:27	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	190	U	32.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	37.7	190	ug/Kg
99-09-2	3-Nitroaniline	190	U	51.7	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	260	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	120	370	ug/Kg
132-64-9	Dibenzofuran	190	U	25.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	56.3	190	ug/Kg
84-66-2	Diethylphthalate	190	U	31.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	30.0	190	ug/Kg
86-73-7	Fluorene	190	U	28.4	190	ug/Kg
100-01-6	4-Nitroaniline	190	U	72.1	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	120	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	36.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	31.2	190	ug/Kg
118-74-1	Hexachlorobenzene	190	U	28.4	190	ug/Kg
1912-24-9	Atrazine	190	U	38.2	190	ug/Kg
87-86-5	Pentachlorophenol	370	U	57.6	370	ug/Kg
85-01-8	Phenanthrene	190	U	23.5	190	ug/Kg
120-12-7	Anthracene	190	U	37.4	190	ug/Kg
86-74-8	Carbazole	190	U	35.0	190	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	53.8	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.7	190	ug/Kg
129-00-0	Pyrene	190	U	40.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	80.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	41.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.8	190	ug/Kg
218-01-9	Chrysene	190	U	22.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	66.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	97.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.3	190	ug/Kg

Raw Data: **BP024549.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024549.D	1	05/06/25 09:25	05/06/25 16:27	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	190	U	25.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	33.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	28.7	190	ug/Kg
123-91-1	1,4-Dioxane	190	U	50.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	30.8	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.0		18 - 112	57%	SPK: 150
13127-88-3	Phenol-d6	80.6		15 - 107	54%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.4		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	46.9		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	44.6		10 - 105	45%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.704			
1146-65-2	Naphthalene-d8	615000	10.475			
15067-26-2	Acenaphthene-d10	391000	14.334			
1517-22-2	Phenanthrene-d10	806000	17.139			
1719-03-5	Chrysene-d12	923000	21.58			
1520-96-3	Perylene-d12	1080000	24.921			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB		4.87	ug/Kg
000119-61-9	Benzophenone	190	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J		18.1	ug/Kg
000057-11-4	Octadecanoic acid	83.5	J		19.4	ug/Kg

Raw Data: **BP024549.D**

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Report of Analysis

Client:	CDM Smith	Date Collected:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB1-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89
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
BP024549.D	1	05/06/25 09:25	05/06/25 16:27	PB167879

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\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Quant Time: May 06 16:59:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

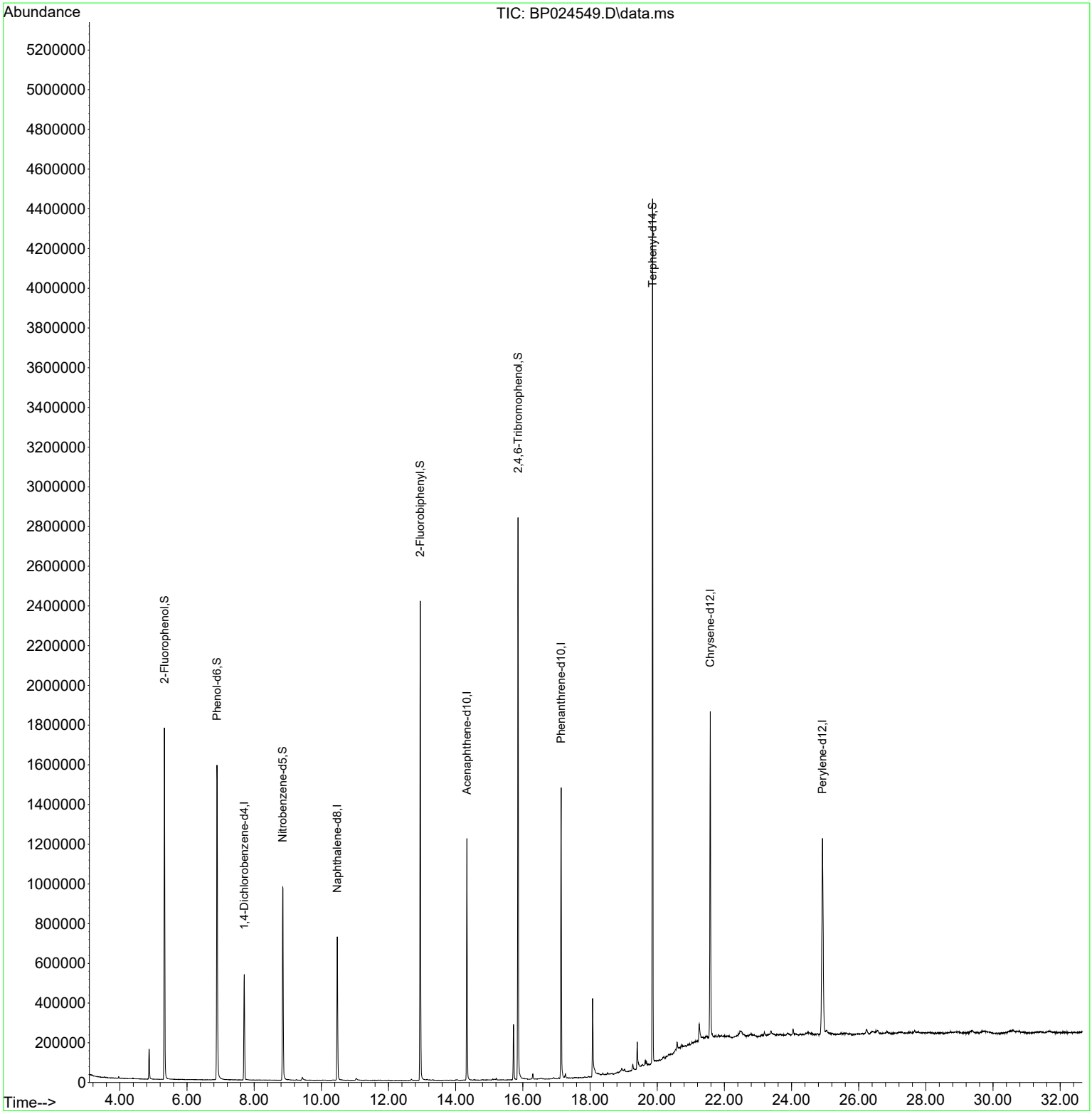
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	150689	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	615485	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	391349	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	806215	20.000	ng	0.00
76) Chrysene-d12	21.580	240	922966	20.000	ng	-0.01
86) Perylene-d12	24.921	264	1084079	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	774423	84.975	ng	-0.02
7) Phenol-d6	6.893	99	1005342	80.562	ng	-0.02
23) Nitrobenzene-d5	8.851	82	598050	55.406	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	558248	103.102	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1199276	46.920	ng	-0.02
79) Terphenyl-d14	19.863	244	2044222	44.643	ng	-0.01
Target Compounds						Qvalue

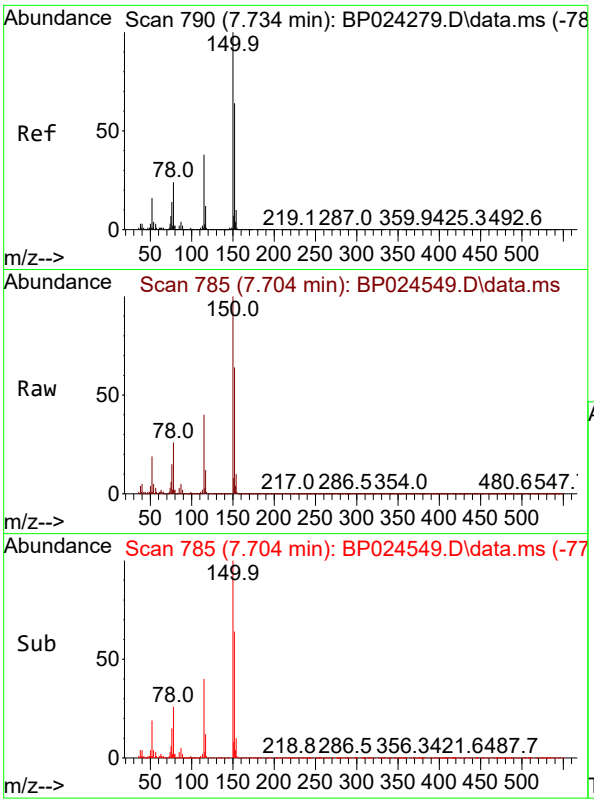
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Quant Time: May 06 16:59:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



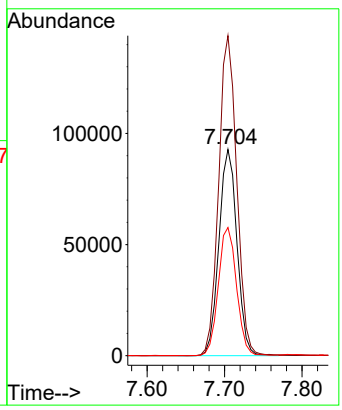


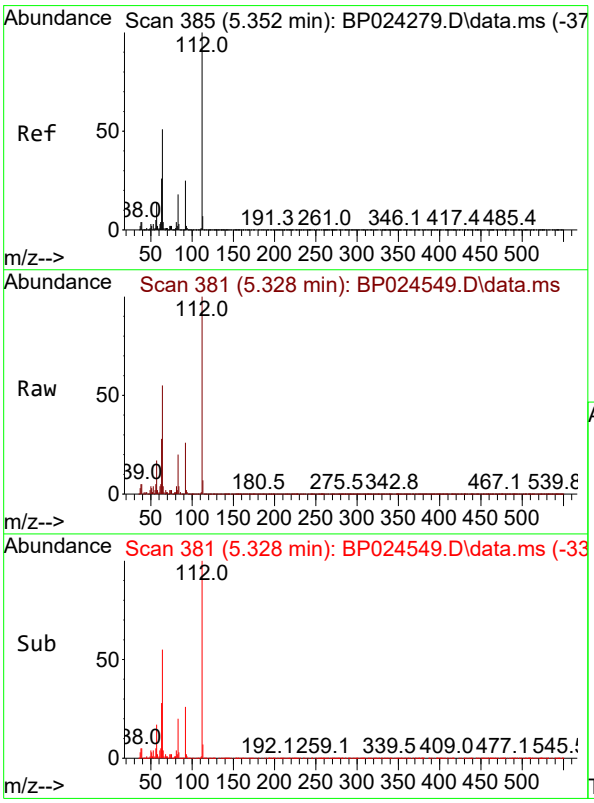
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion:152 Resp: 150689

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.9	187.3
115	62.1	47.7	71.5

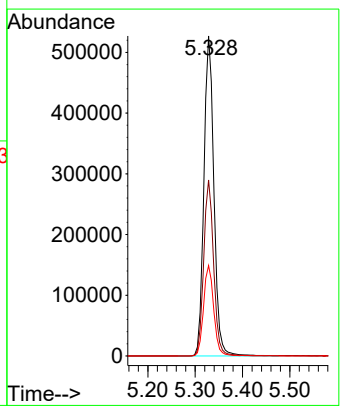


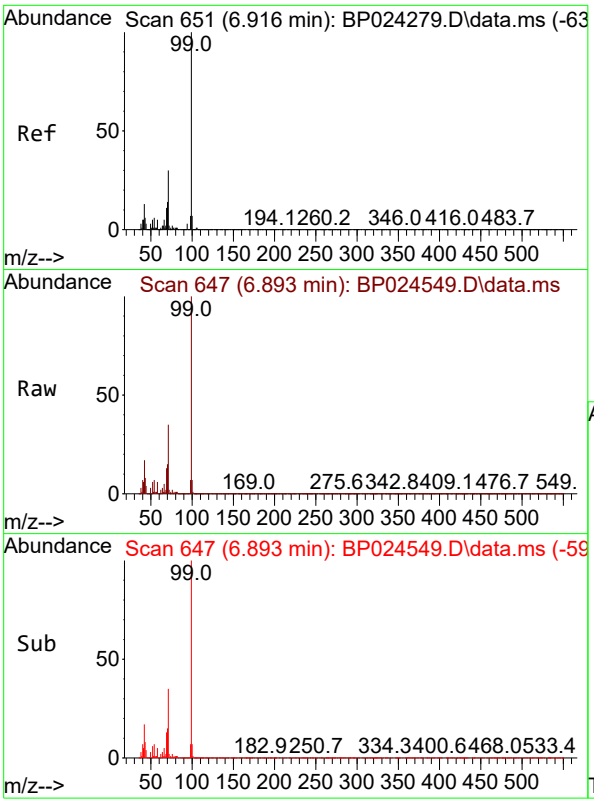


#5
2-Fluorophenol
Concen: 84.975 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:112 Resp: 774423

Ion	Ratio	Lower	Upper
112	100		
64	55.0	41.1	61.7
63	28.2	20.6	30.8



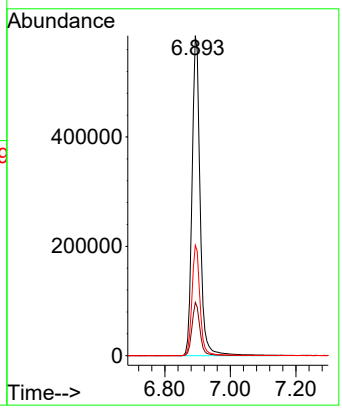


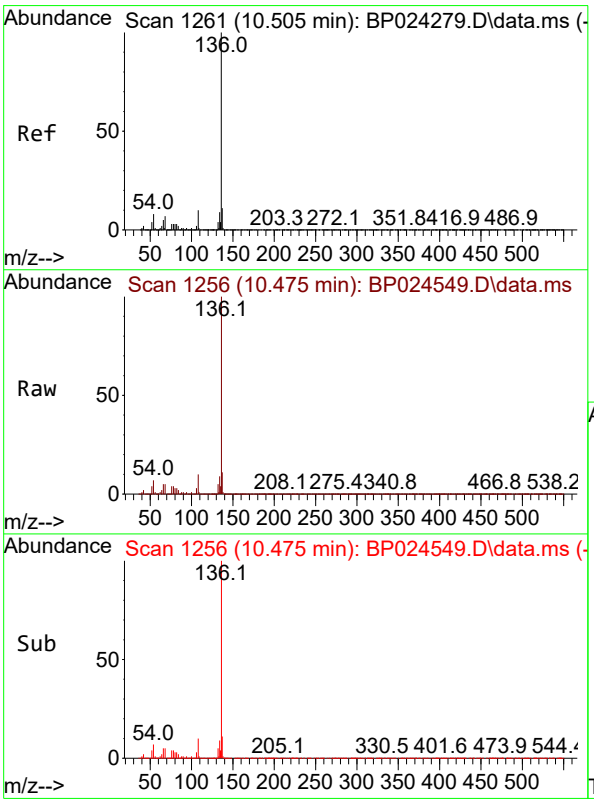
#7
Phenol-d6
Concen: 80.562 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion: 99 Resp: 1005342

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	34.5	23.7	35.5

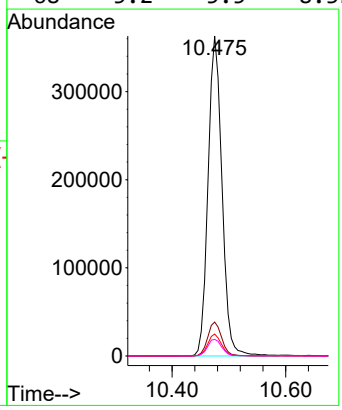


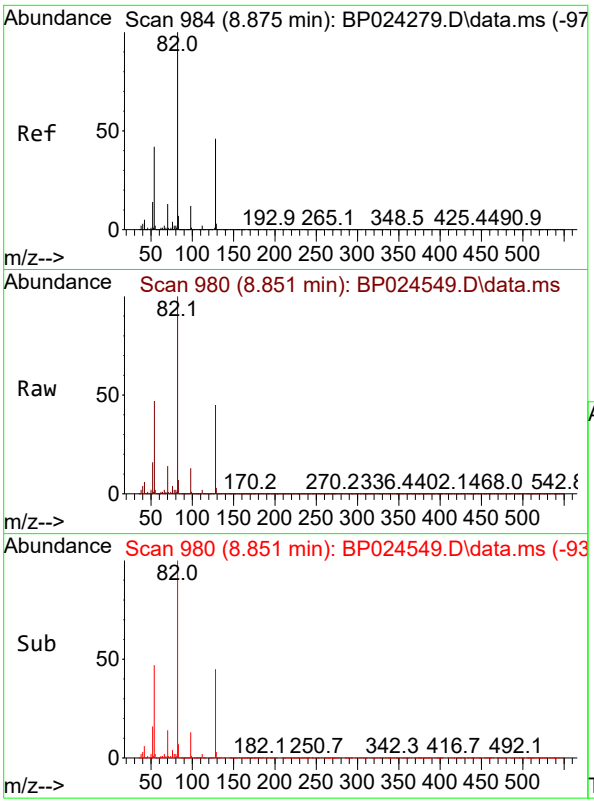


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:136 Resp: 615485

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.9	6.0	9.0
68	5.2	5.5	8.3#



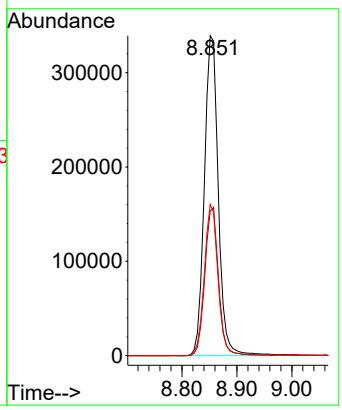


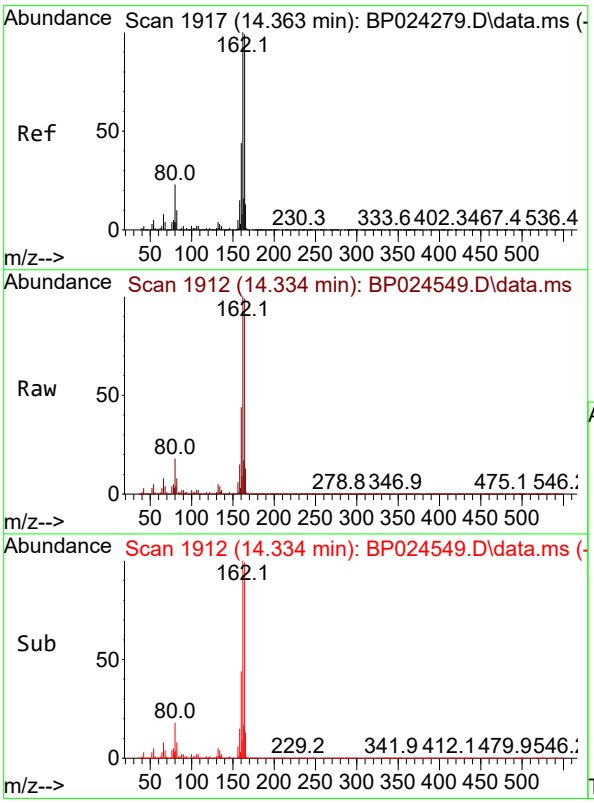
#23
Nitrobenzene-d5
Concen: 55.406 ng
RT: 8.851 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion: 82 Resp: 598050

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	47.3	33.4	50.2

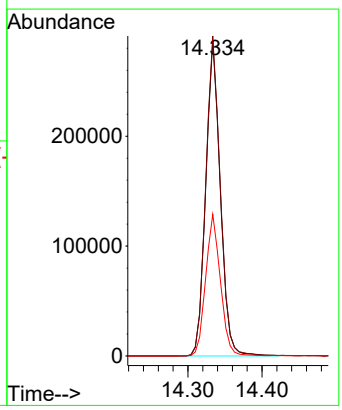


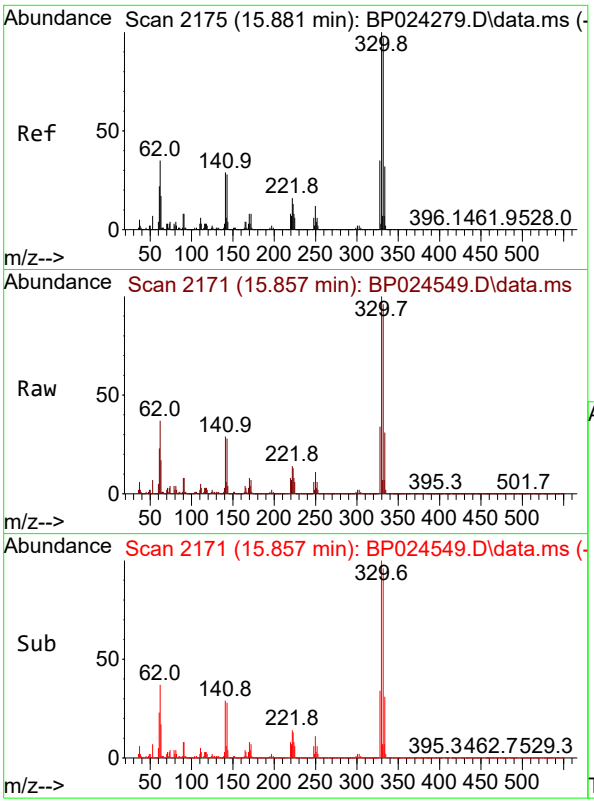


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:164 Resp: 391349

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	44.8	35.3	52.9



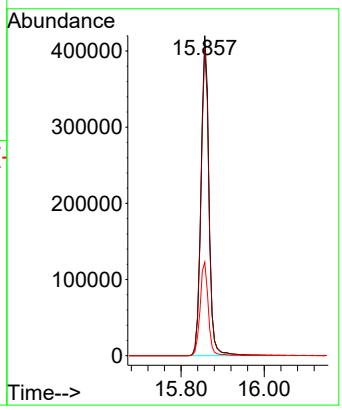


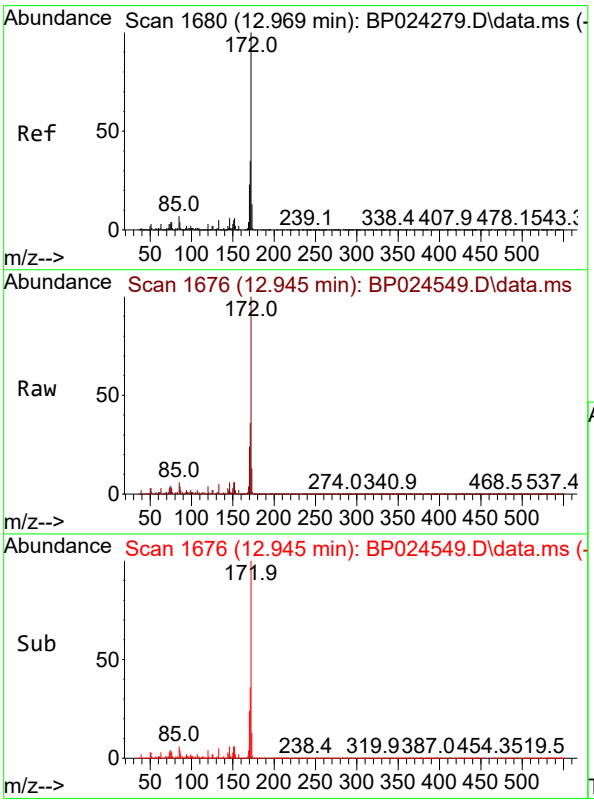
#42
2,4,6-Tribromophenol
Concen: 103.102 ng
RT: 15.857 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion:330 Resp: 558248

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.0	24.7	37.1

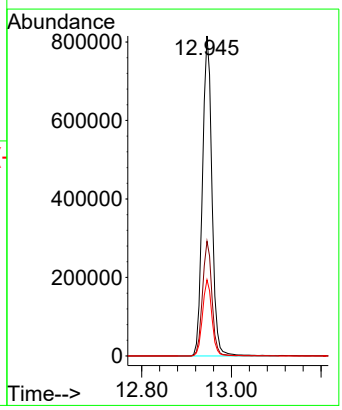


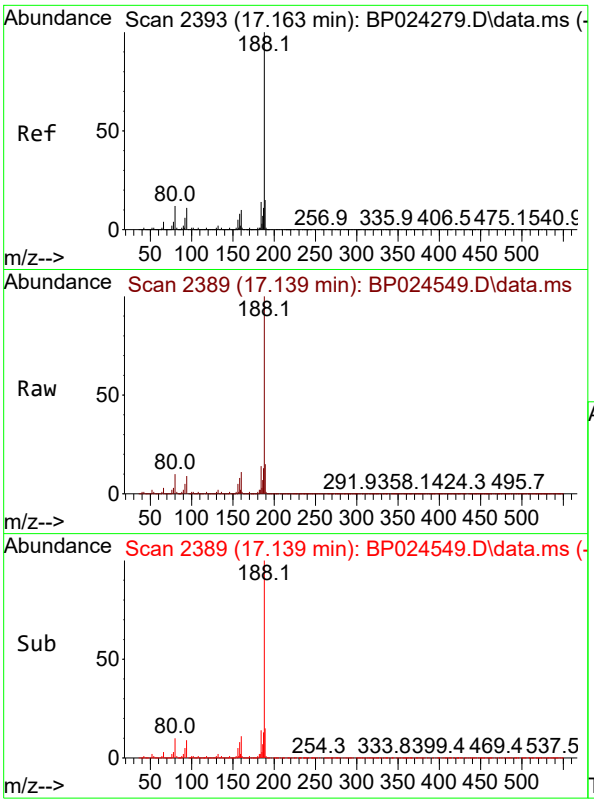


#45
2-Fluorobiphenyl
Concen: 46.920 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:172 Resp: 1199276

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.8	18.6	27.8



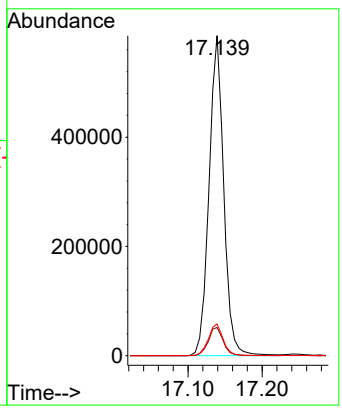


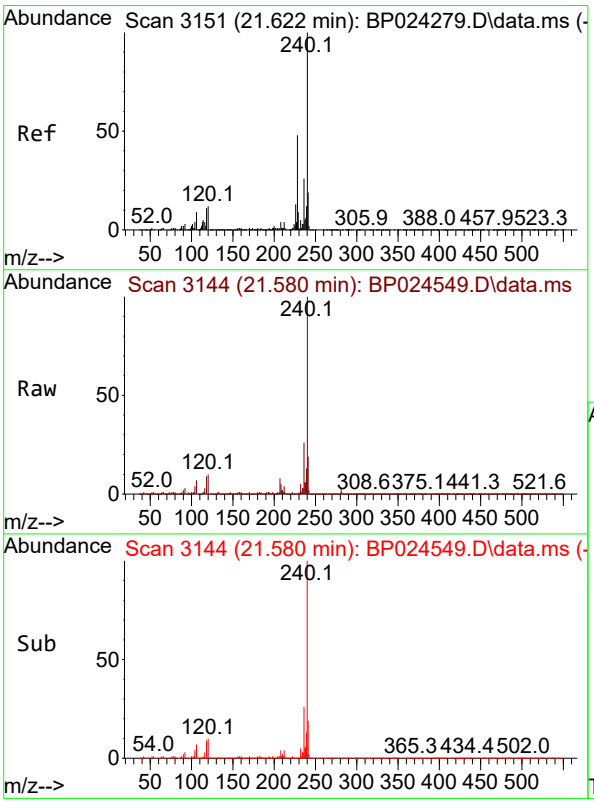
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion:188 Resp: 806215

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	13.0
80	9.9	9.8	14.6

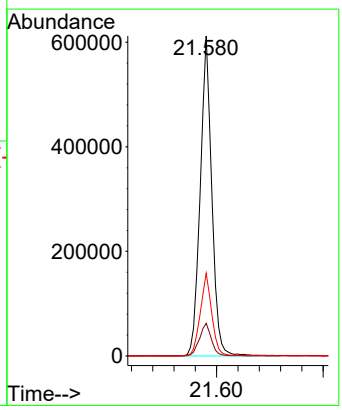


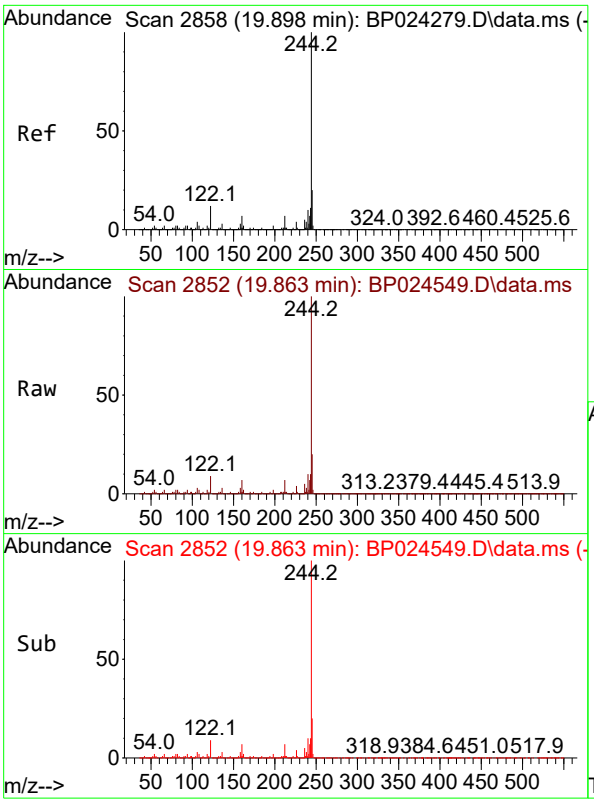


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:240 Resp: 922966

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.8	14.8
236	25.8	20.9	31.3



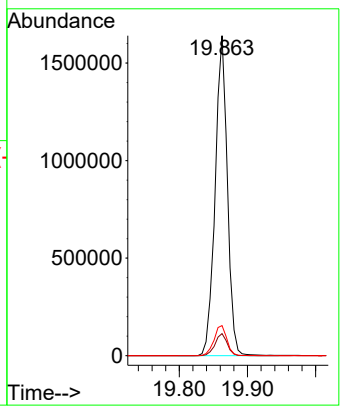


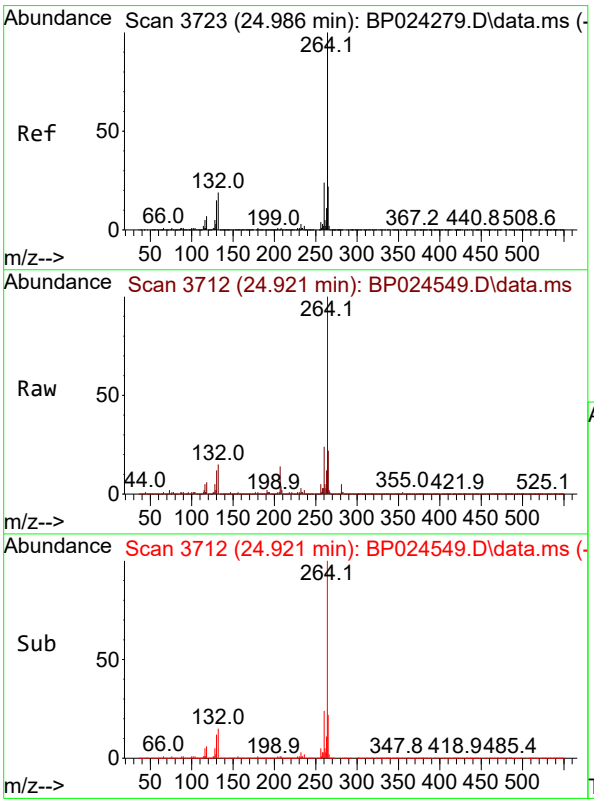
#79
Terphenyl-d14
Concen: 44.643 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

Tgt Ion:244 Resp: 2044222

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

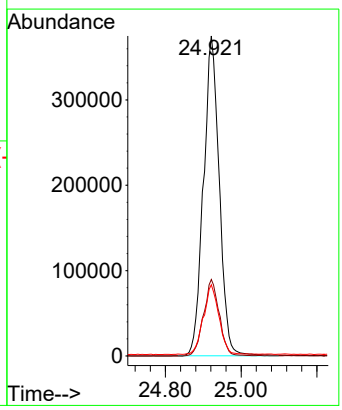




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.921 min Scan# 3712
Delta R.T. -0.012 min
Lab File: BP024549.D
Acq: 06 May 2025 16:27

Tgt Ion:264 Resp: 1084079

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.2	17.8	26.6



Sample Results: **BP024549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

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

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

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

Signal : TIC: BP024549.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	298	303	313	rBV	150982	224934	4.11%	0.685%
2	5.328	375	381	393	rBV	1770609	2589678	47.29%	7.888%
3	6.893	638	647	666	rBV	1584513	2735635	49.96%	8.332%
4	7.704	778	785	794	rBV	531734	870742	15.90%	2.652%
5	8.851	971	980	1000	rBV	975310	1733023	31.65%	5.278%
6	10.475	1248	1256	1272	rBV	723110	1237863	22.61%	3.770%
7	12.945	1668	1676	1694	rBV	2414687	3526406	64.40%	10.741%
8	14.334	1905	1912	1931	rBV	1216853	1686861	30.81%	5.138%
9	15.722	2141	2148	2155	rBV	280336	421996	7.71%	1.285%
10	15.857	2164	2171	2190	rBV	2830054	3842125	70.17%	11.702%
11	17.139	2382	2389	2403	rBV	1464818	2067448	37.76%	6.297%
12	18.075	2542	2548	2567	rBV	396223	788674	14.40%	2.402%
13	19.404	2770	2774	2787	rBV	133682	273241	4.99%	0.832%
14	19.863	2846	2852	2862	rBV	4350070	5475838	100.00%	16.678%
15	21.251	3084	3088	3097	rBV5	80581	197363	3.60%	0.601%
16	21.580	3138	3144	3152	rBV	1630997	2455437	44.84%	7.479%
17	24.921	3703	3712	3725	rVB	973891	2704902	49.40%	8.239%

Sum of corrected areas: 32832166

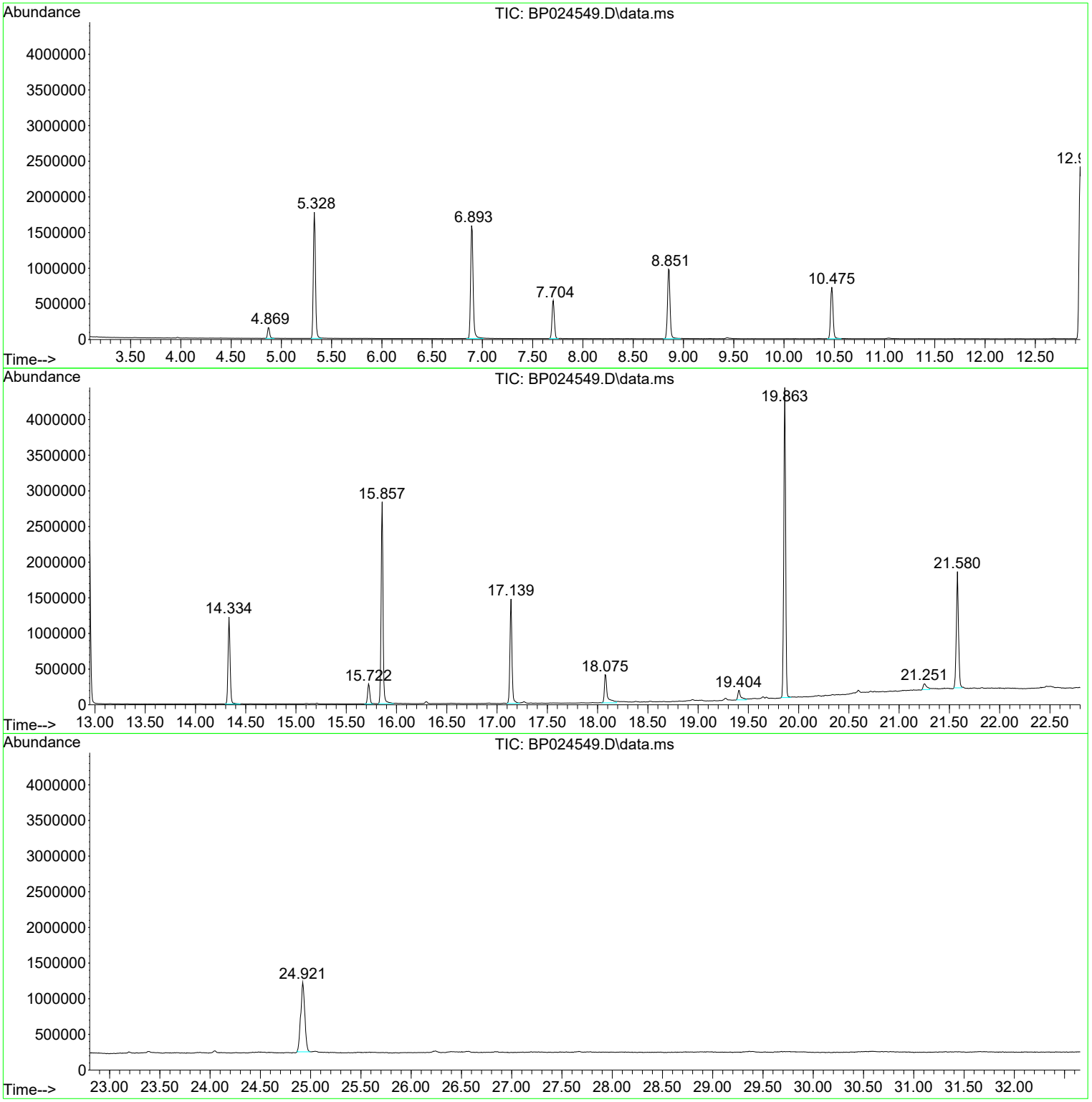
Sample Results: **BP024549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

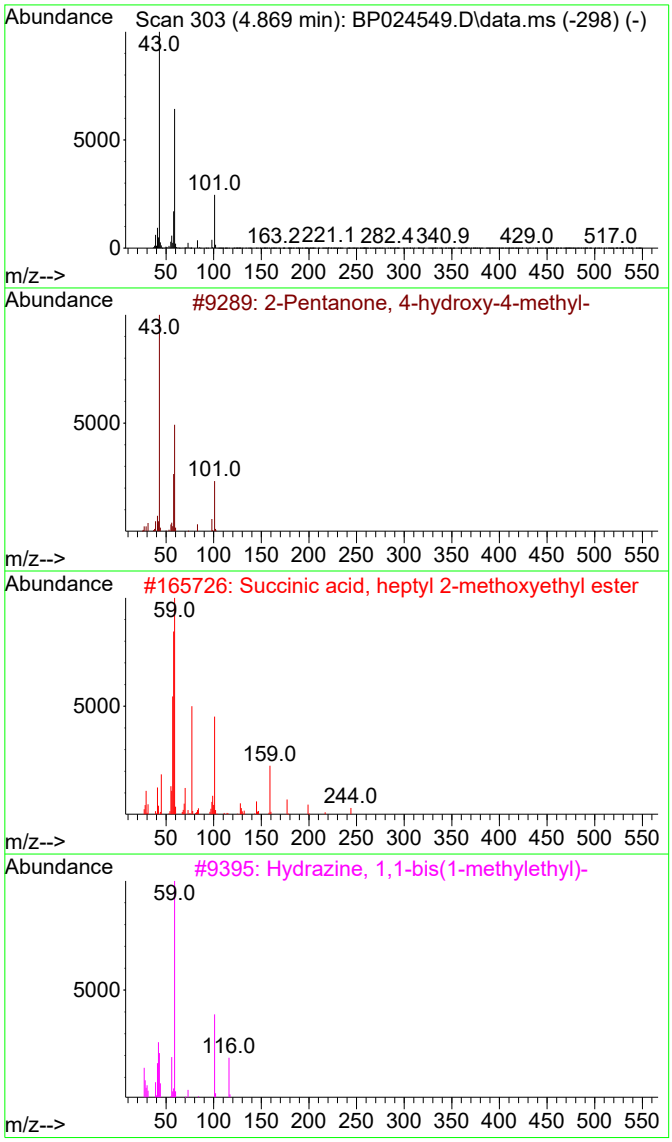
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

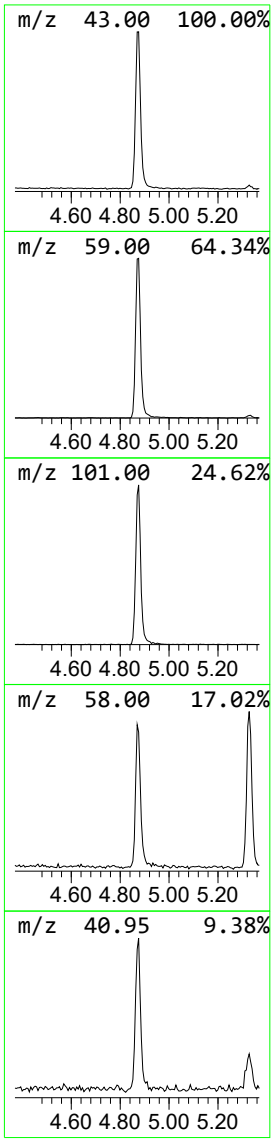
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.17 ng	224934	1,4-Dichlorobenzene-d4	7.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Sample Results: **BP024549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

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

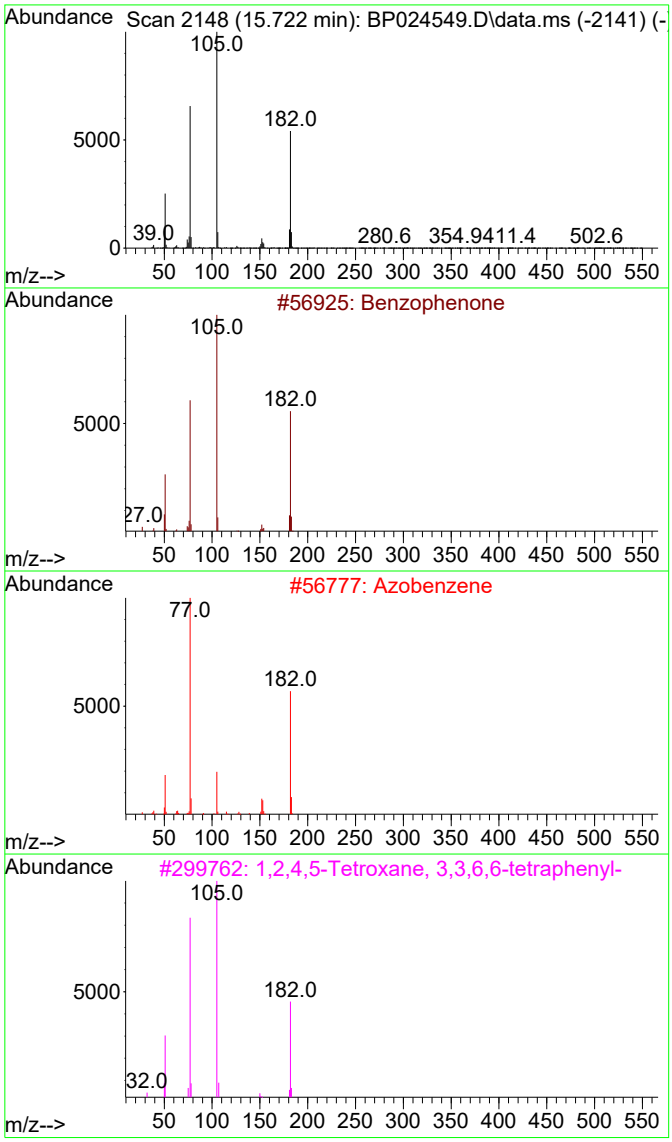
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

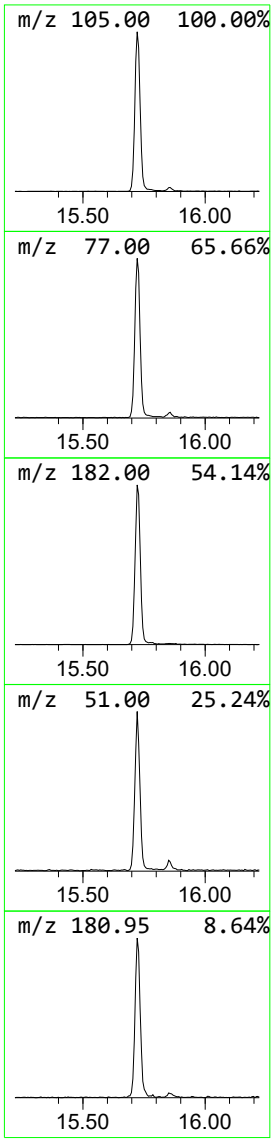
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Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	5.00 ng	421996	Acenaphthene-d10	14.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

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

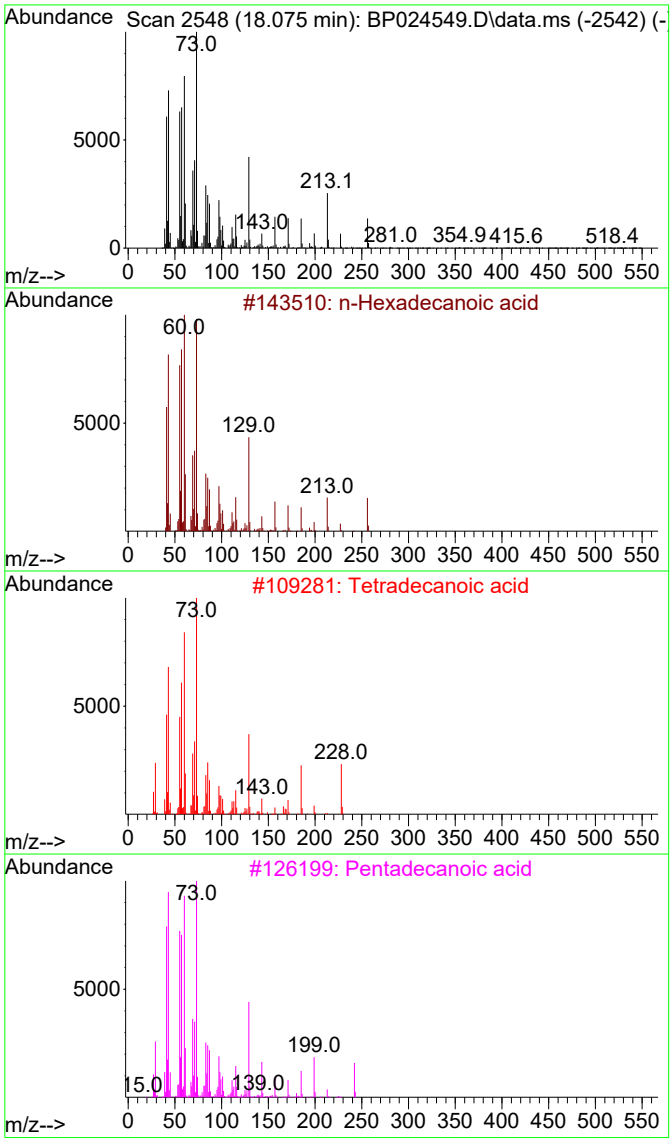
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

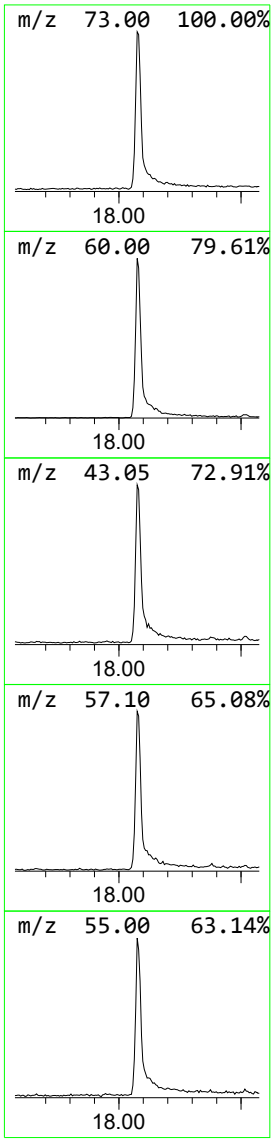
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	7.63 ng	788674	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Sample Results: **BP024549.D**

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On    : 06 May 2025  16:27
Operator  : RC/JU
Sample    : Q1956-01
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

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

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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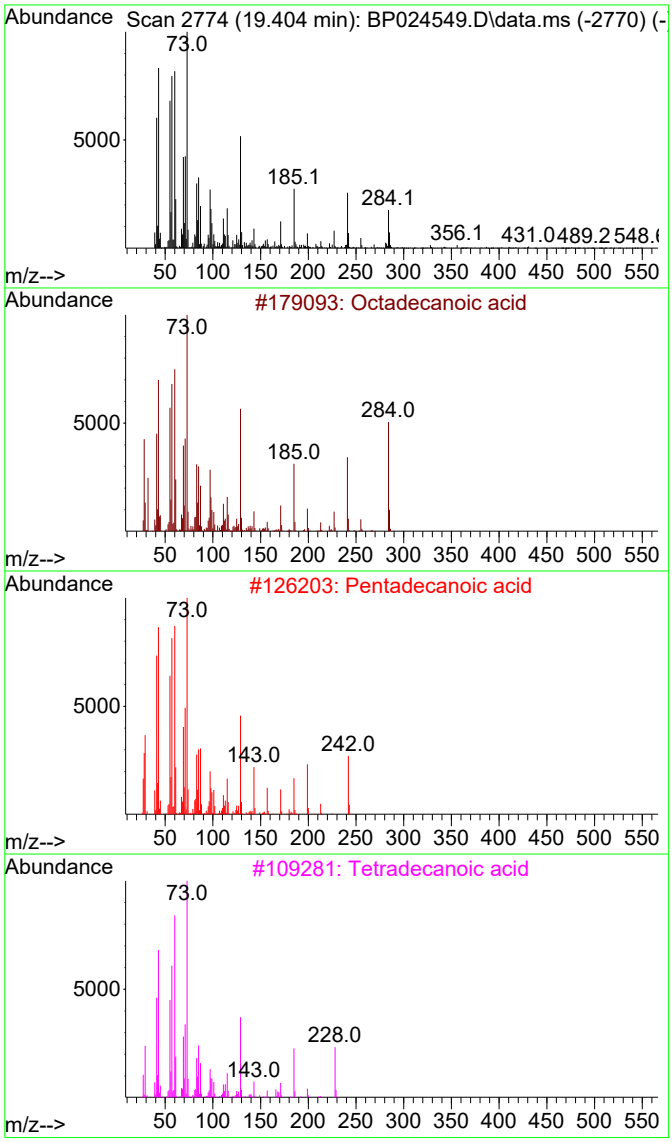
Instrument :
BNA_P
ClientSampleId :
SB1-3-4

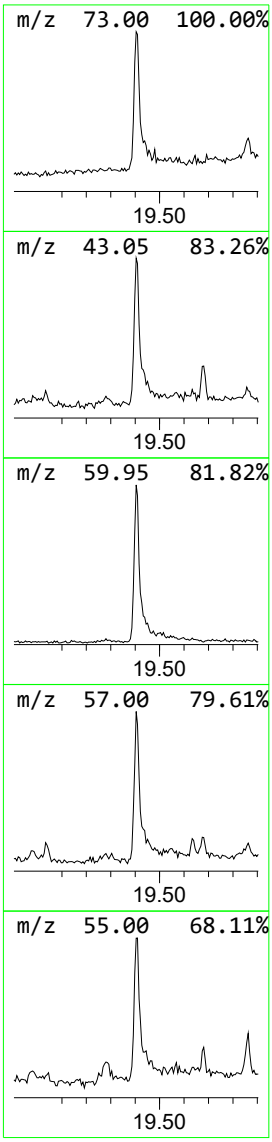
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.23 ng	273241	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Sample Results: **BP024549.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024549.D
Acq On : 06 May 2025 16:27
Operator : RC/JU
Sample : Q1956-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB1-3-4

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	5.2	ng	224934	1	7.704	870742	20.0
Benzophenone	15.722	5.0	ng	421996	3	14.334	1686860	20.0
n-Hexadecanoic ...	18.075	7.6	ng	788674	4	17.139	2067450	20.0
Octadecanoic acid	19.404	2.2	ng	273241	5	21.580	2455440	20.0

Raw Data: **BP024550.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024550.D	1	05/06/25 09:25	05/06/25 17:08	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	350	U	170	350	ug/Kg
108-95-2	Phenol	180	U	23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	25.9	180	ug/Kg
95-57-8	2-Chlorophenol	180	U	26.0	180	ug/Kg
95-48-7	2-Methylphenol	180	U	31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	40.0	180	ug/Kg
98-86-2	Acetophenone	180	U	31.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	350	U	43.9	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.4	U	50.6	85.4	ug/Kg
67-72-1	Hexachloroethane	180	U	18.8	180	ug/Kg
98-95-3	Nitrobenzene	180	U	19.5	180	ug/Kg
78-59-1	Isophorone	180	U	35.0	180	ug/Kg
88-75-5	2-Nitrophenol	180	U	62.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	69.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	32.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	30.2	180	ug/Kg
91-20-3	Naphthalene	180	U	24.2	180	ug/Kg
106-47-8	4-Chloroaniline	180	U	37.8	180	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	27.0	180	ug/Kg
105-60-2	Caprolactam	350	U	55.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350	U	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	U	21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	31.1	180	ug/Kg
92-52-4	1,1-Biphenyl	180	U	23.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	24.0	180	ug/Kg
88-74-4	2-Nitroaniline	180	U	51.3	180	ug/Kg
131-11-3	Dimethylphthalate	180	U	28.9	180	ug/Kg

Raw Data: **BP024550.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024550.D	1	05/06/25 09:25	05/06/25 17:08	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	180	U	30.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	35.9	180	ug/Kg
99-09-2	3-Nitroaniline	180	U	49.1	180	ug/Kg
83-32-9	Acenaphthene	180	U	22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	350	U	110	350	ug/Kg
132-64-9	Dibenzofuran	180	U	24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	53.5	180	ug/Kg
84-66-2	Diethylphthalate	180	U	30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	28.5	180	ug/Kg
86-73-7	Fluorene	180	U	27.0	180	ug/Kg
100-01-6	4-Nitroaniline	180	U	68.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	29.7	180	ug/Kg
118-74-1	Hexachlorobenzene	180	U	27.0	180	ug/Kg
1912-24-9	Atrazine	180	U	36.3	180	ug/Kg
87-86-5	Pentachlorophenol	350	U	54.8	350	ug/Kg
85-01-8	Phenanthrene	180	U	22.3	180	ug/Kg
120-12-7	Anthracene	180	U	35.5	180	ug/Kg
86-74-8	Carbazole	180	U	33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	51.1	180	ug/Kg
206-44-0	Fluoranthene	180	U	32.0	180	ug/Kg
129-00-0	Pyrene	180	U	38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	76.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	350	U	39.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	180	U	24.5	180	ug/Kg
218-01-9	Chrysene	180	U	21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	63.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	92.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	U	20.3	180	ug/Kg

Raw Data: **BP024550.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024550.D	1	05/06/25 09:25	05/06/25 17:08	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	180	U	23.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	180	U	31.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	31.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	29.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	U	27.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	27.3	180	ug/Kg
123-91-1	1,4-Dioxane	180	U	48.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	29.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	117		18 - 112	78%	SPK: 150
13127-88-3	Phenol-d6	108		15 - 107	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.3		18 - 107	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.9		20 - 109	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	141		10 - 116	94%	SPK: 150
1718-51-0	Terphenyl-d14	71.8		10 - 105	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	145000	7.704			
1146-65-2	Naphthalene-d8	584000	10.475			
15067-26-2	Acenaphthene-d10	366000	14.333			
1517-22-2	Phenanthrene-d10	735000	17.139			
1719-03-5	Chrysene-d12	832000	21.58			
1520-96-3	Perylene-d12	997000	24.927			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	AB		4.88	ug/Kg
	unknown14.563	1100	J		14.6	ug/Kg
013798-23-7	Hexathiane	81.1	J		14.9	ug/Kg
000119-61-9	Benzophenone	150	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J		18.1	ug/Kg
000297-03-0	Cyclotetracosane	93.9	J		21.3	ug/Kg

Raw Data: **BP024550.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5	SDG No.:	Q1956
Lab Sample ID:	Q1956-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024550.D	1	05/06/25 09:25	05/06/25 17:08	PB167879

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: **BP024550.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Quant Time: May 06 18:09:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

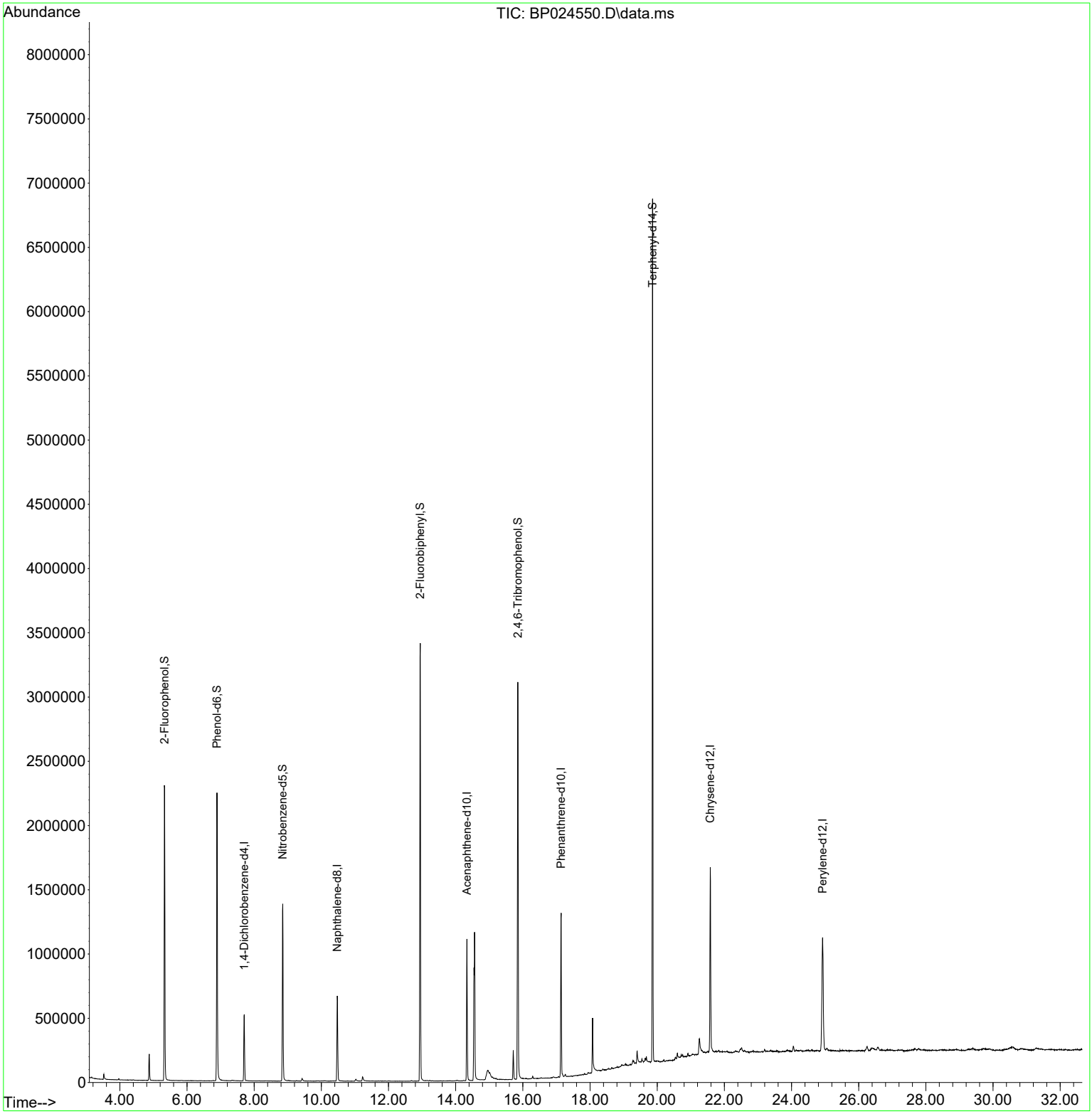
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	144877	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	584391	20.000	ng	#-0.02
39) Acenaphthene-d10	14.333	164	366246	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	734769	20.000	ng	# 0.00
76) Chrysene-d12	21.580	240	831828	20.000	ng	-0.01
86) Perylene-d12	24.927	264	997130	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1021805	116.617	ng	-0.01
7) Phenol-d6	6.893	99	1296796	108.087	ng	-0.02
23) Nitrobenzene-d5	8.851	82	791978	77.276	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	712989	140.706	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	1768301	73.925	ng	-0.02
79) Terphenyl-d14	19.862	244	2961257	71.755	ng	-0.01
Target Compounds						Qvalue

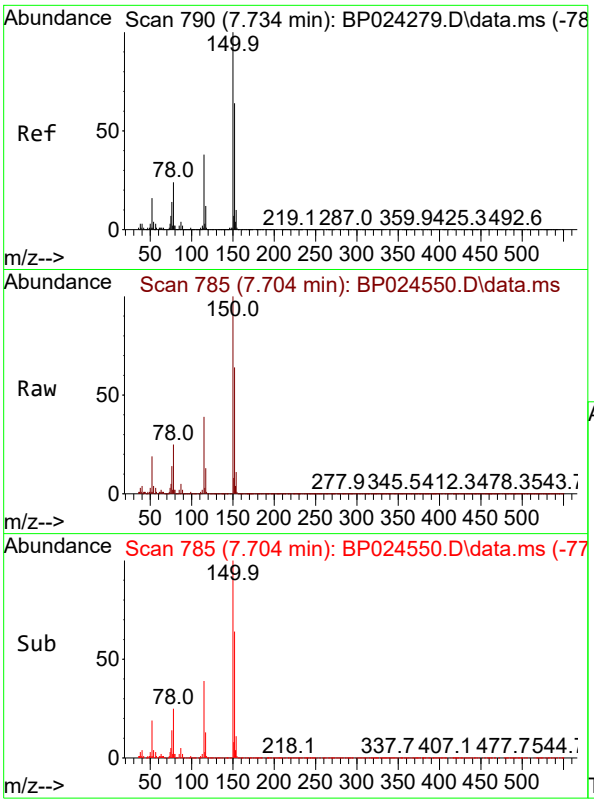
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Quant Time: May 06 18:09:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



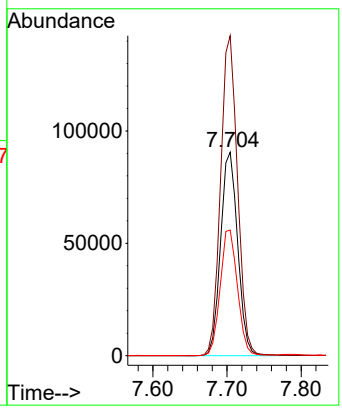


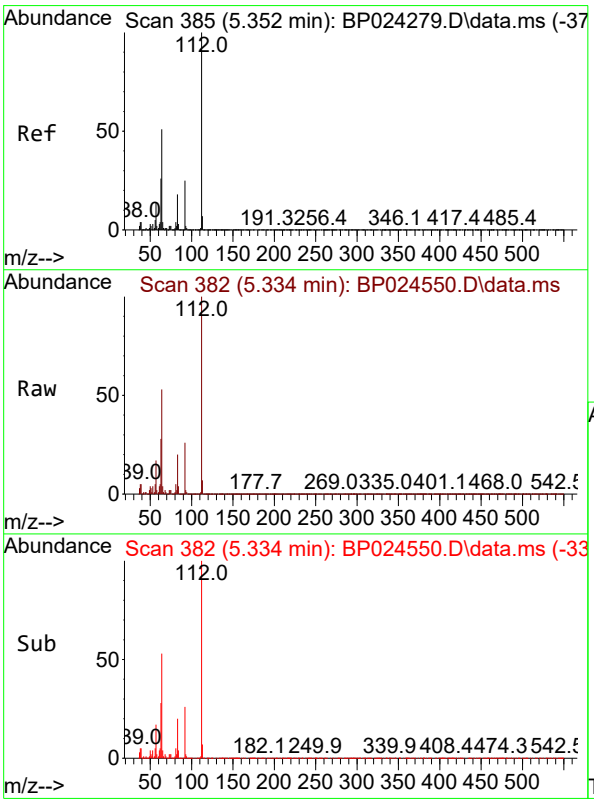
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion:152 Resp: 144877

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	61.7	47.7	71.5

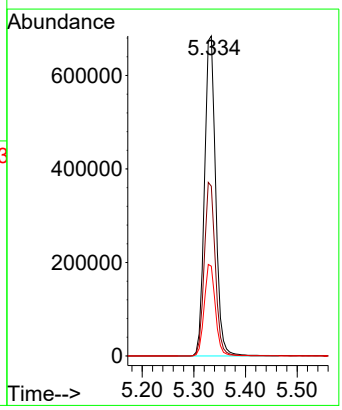


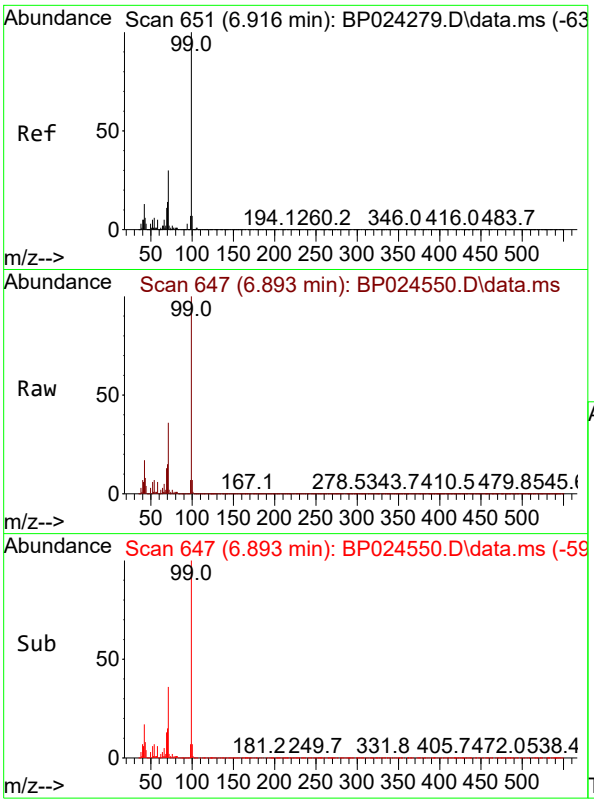


#5
2-Fluorophenol
Concen: 116.617 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:112 Resp: 1021805

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.1	61.7
63	28.1	20.6	30.8



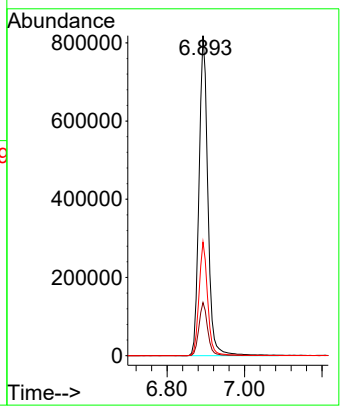


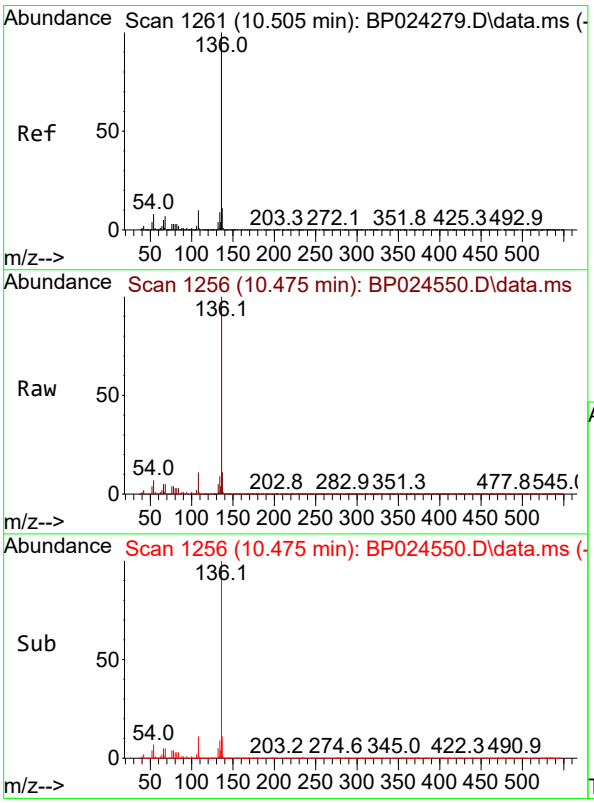
#7
Phenol-d6
Concen: 108.087 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion: 99 Resp: 1296796

Ion	Ratio	Lower	Upper
99	100		
42	16.6	10.6	16.0#
71	35.5	23.7	35.5#

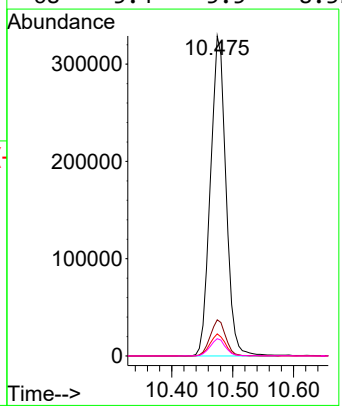


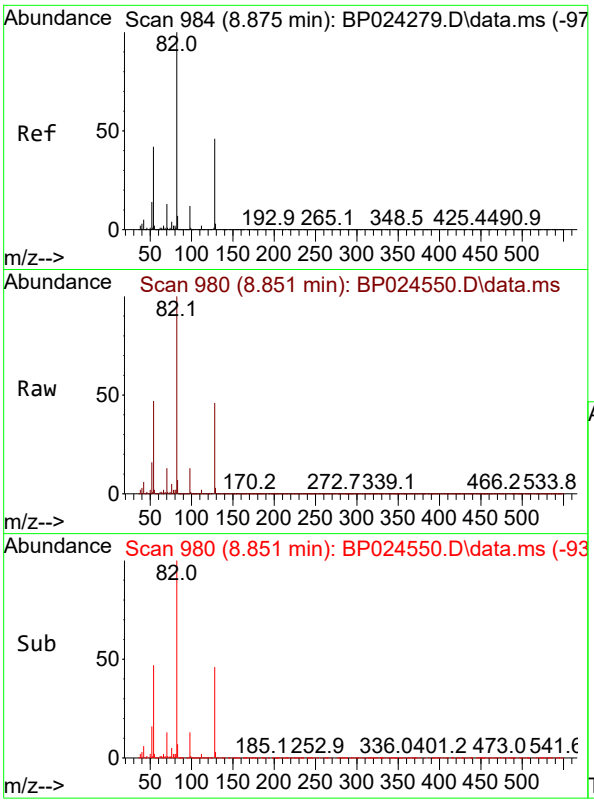


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.024 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:136 Resp: 584391

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.9	6.0	9.0
68	5.4	5.5	8.3#



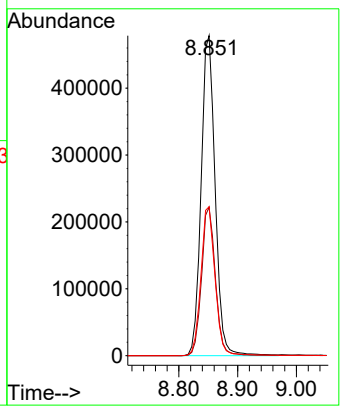


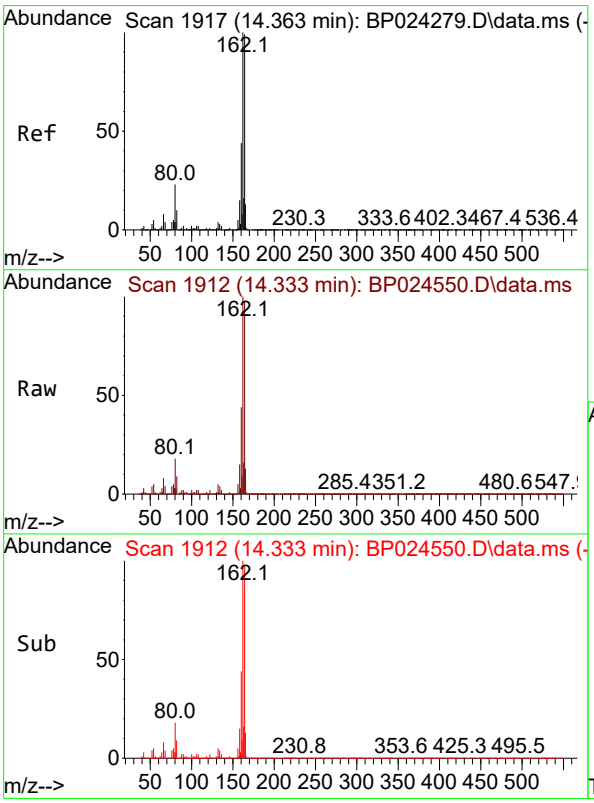
#23
Nitrobenzene-d5
Concen: 77.276 ng
RT: 8.851 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion: 82 Resp: 791978

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	46.5	33.4	50.2

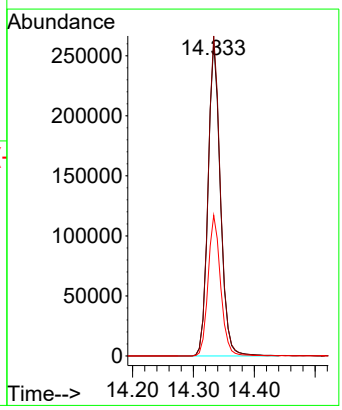


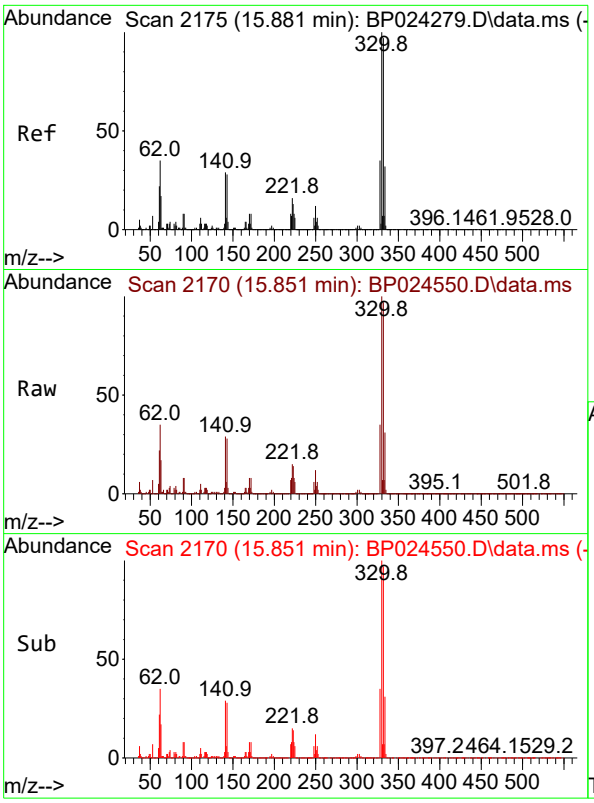


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:164 Resp: 366246

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	44.9	35.3	52.9



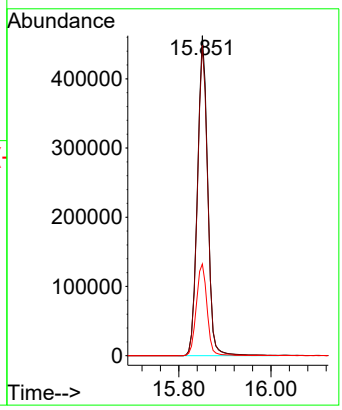


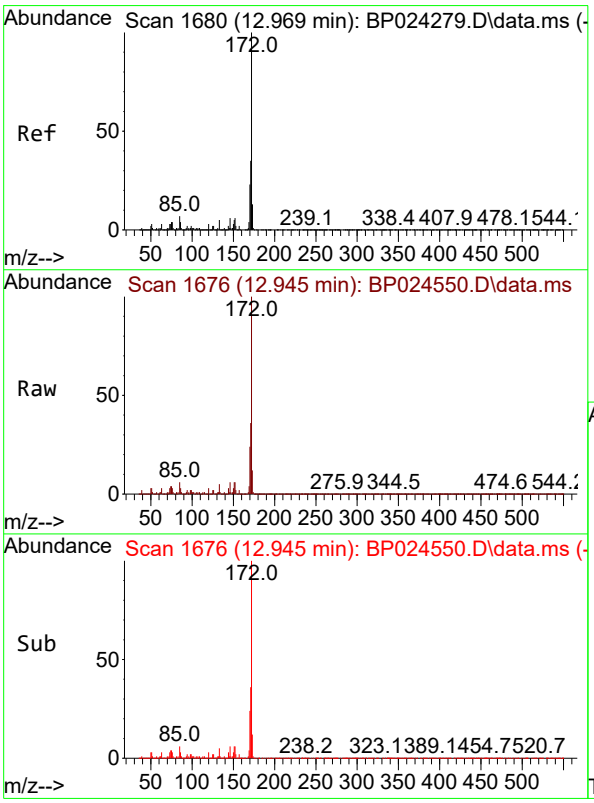
#42
2,4,6-Tribromophenol
Concen: 140.706 ng
RT: 15.851 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion:330 Resp: 712989

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	29.9	24.7	37.1

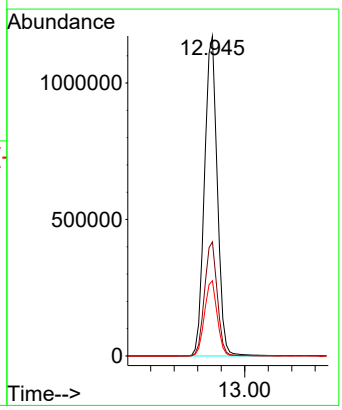


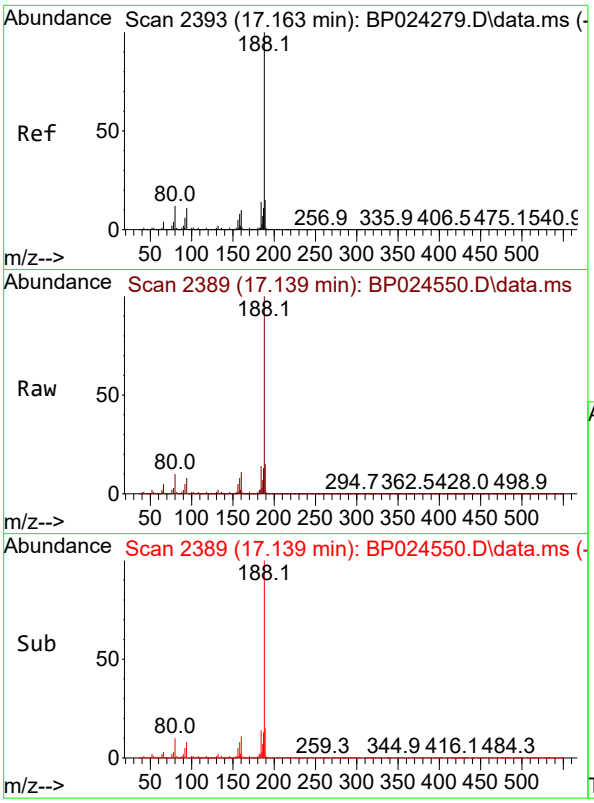


#45
2-Fluorobiphenyl
Concen: 73.925 ng
RT: 12.945 min Scan# 1676
Delta R.T. -0.018 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:172 Resp: 1768301

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.6	27.8



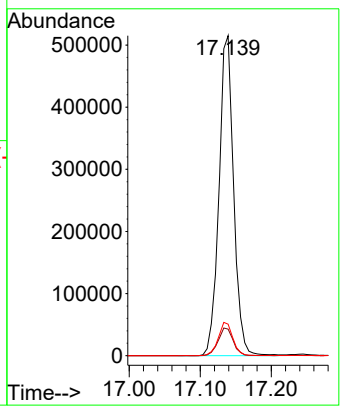


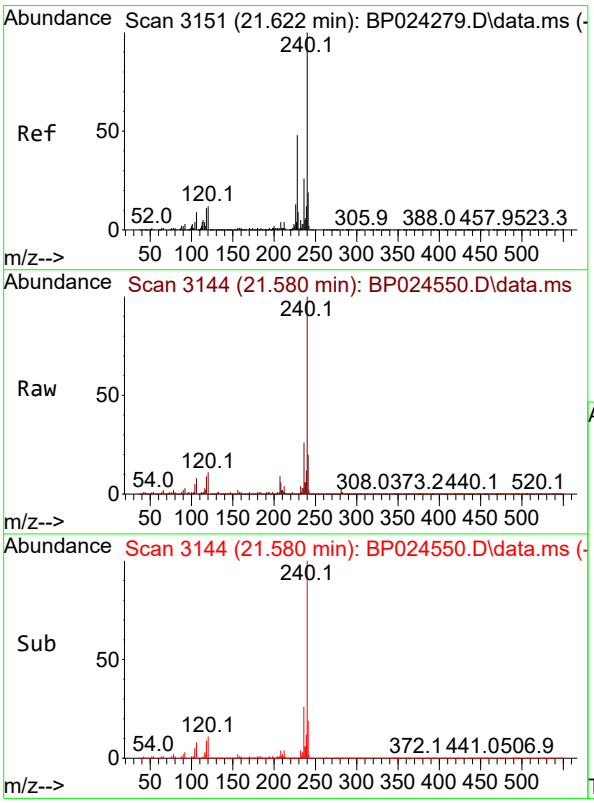
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion:188 Resp: 734769

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.6	13.0#
80	9.9	9.8	14.6

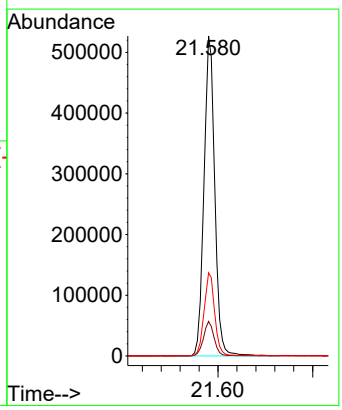


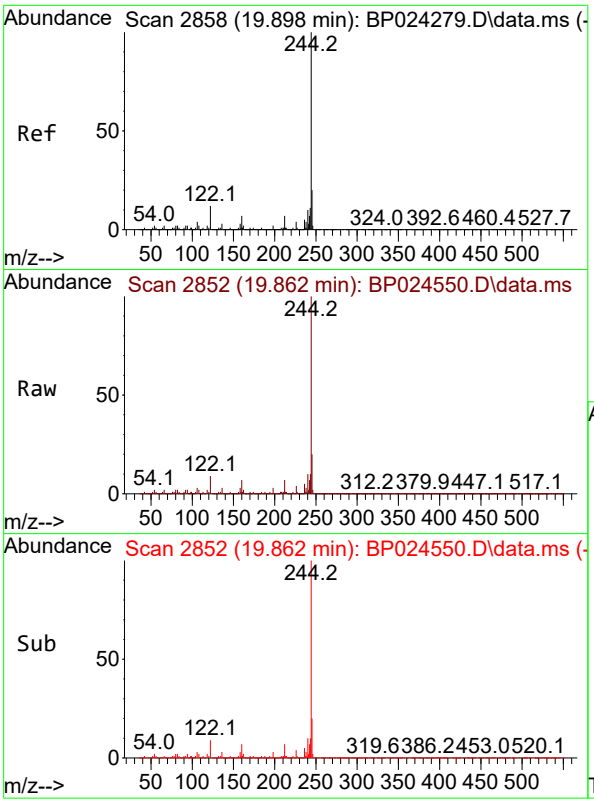


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:240 Resp: 831828

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.8	14.8
236	26.0	20.9	31.3



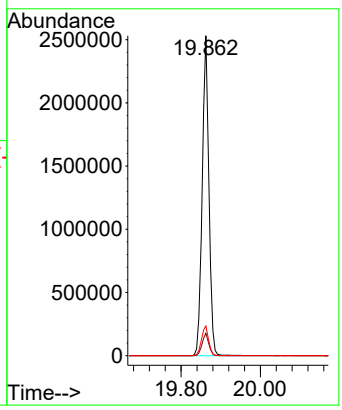


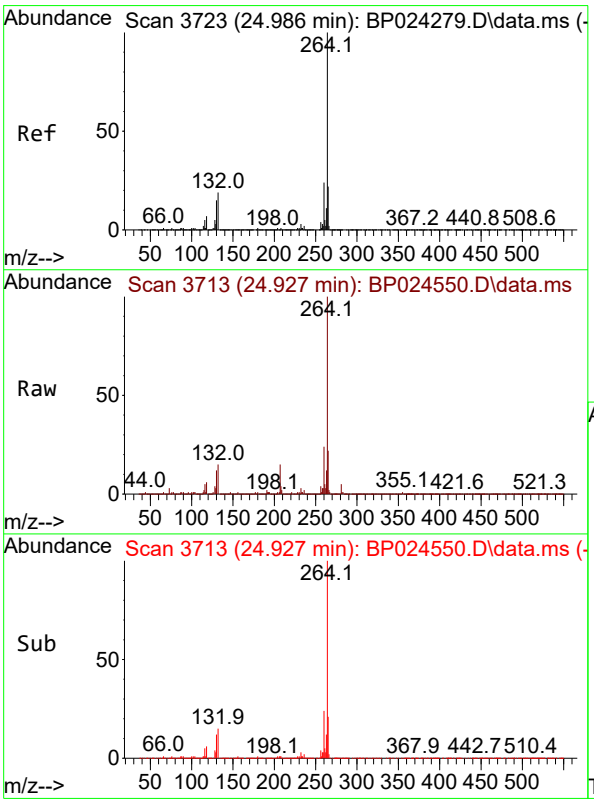
#79
Terphenyl-d14
Concen: 71.755 ng
RT: 19.862 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

Tgt Ion:244 Resp: 2961257

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.3	9.4	14.0#

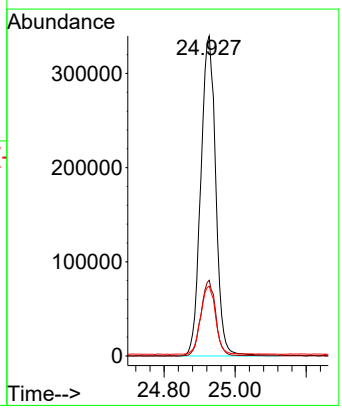




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.927 min Scan# 3713
Delta R.T. -0.006 min
Lab File: BP024550.D
Acq: 06 May 2025 17:08

Tgt Ion:264 Resp: 997130

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.8	17.8	26.6



Sample Results: **BP024550.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

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

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

Signal : TIC: BP024550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	298	304	314	rBV	205233	292378	3.70%	0.694%
2	5.328	375	381	397	rBV	2297393	3427916	43.32%	8.136%
3	6.893	640	647	669	rBV	2238787	3544190	44.79%	8.412%
4	7.704	777	785	792	rBV	518080	842897	10.65%	2.000%
5	8.851	972	980	998	rBV	1378223	2293143	28.98%	5.442%
6	10.475	1249	1256	1270	rBV	662078	1179116	14.90%	2.798%
7	12.945	1668	1676	1696	rBV	3407716	5208455	65.82%	12.361%
8	14.333	1905	1912	1927	rBV	1103294	1578282	19.95%	3.746%
9	14.563	1942	1951	1969	rBV	1153667	2513156	31.76%	5.965%
10	14.945	2004	2016	2017	rBV	69536	179533	2.27%	0.426%
11	15.716	2141	2147	2154	rBV	226517	336354	4.25%	0.798%
12	15.851	2162	2170	2186	rBV	3091393	4919744	62.17%	11.676%
13	17.139	2382	2389	2395	rBV	1277524	1859389	23.50%	4.413%
14	18.074	2543	2548	2565	rBV	425533	755934	9.55%	1.794%
15	19.404	2770	2774	2785	rBV	90664	175864	2.22%	0.417%
16	19.862	2846	2852	2861	rBV	6713921	7912788	100.00%	18.780%
17	21.256	3084	3089	3101	rBV3	109238	304021	3.84%	0.722%
18	21.580	3138	3144	3162	rVB	1434959	2306734	29.15%	5.475%
19	24.927	3704	3713	3727	rVB	875912	2505030	31.66%	5.945%

Sum of corrected areas: 42134924

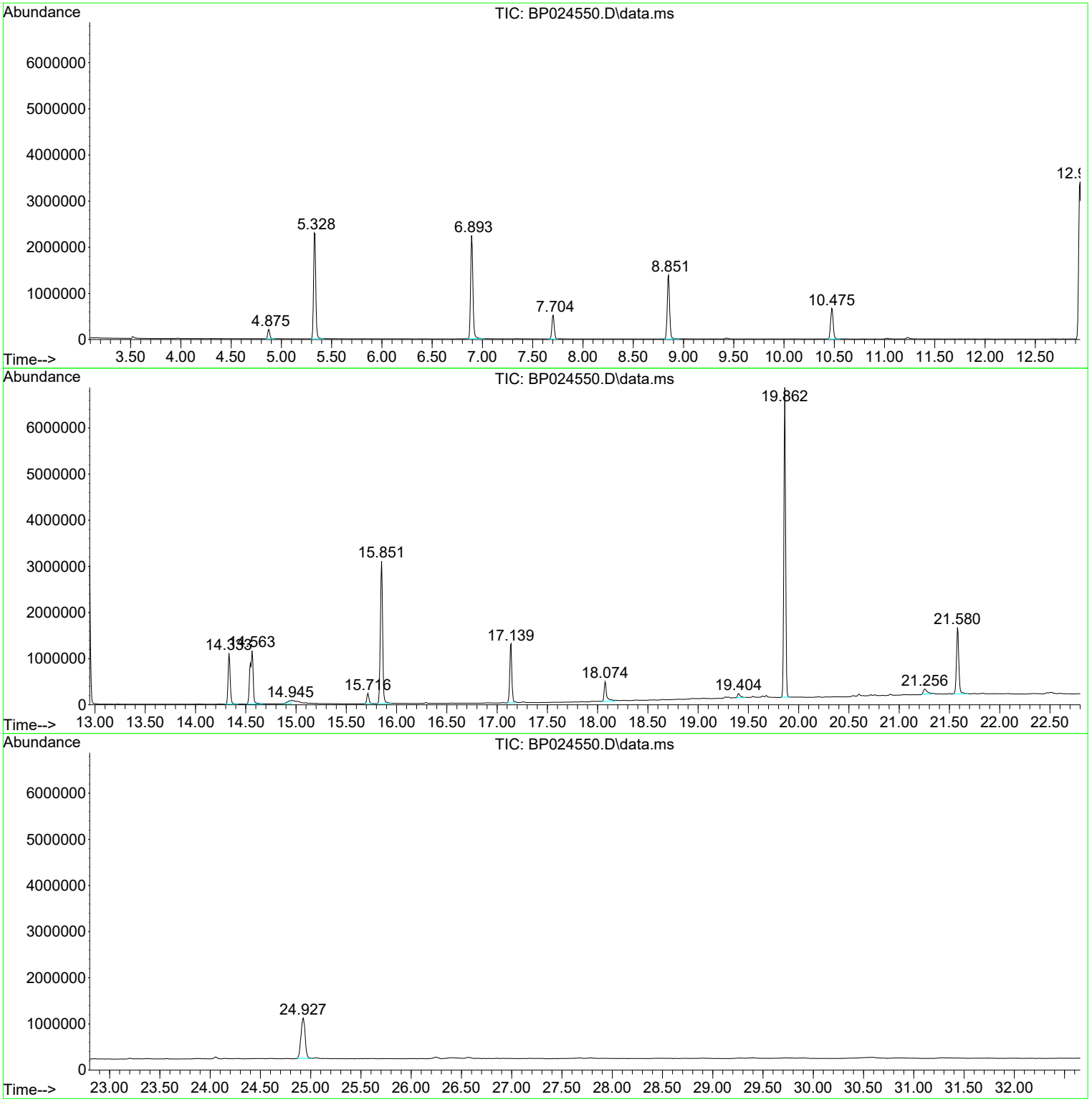
Sample Results: **BP024550.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

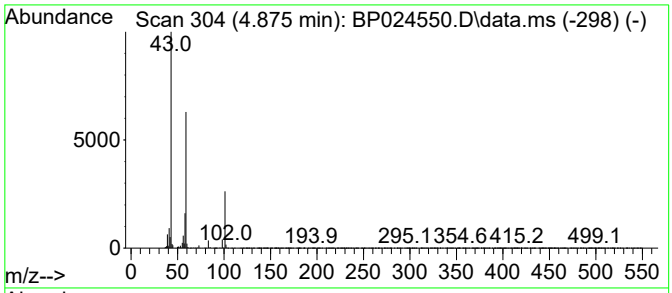
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

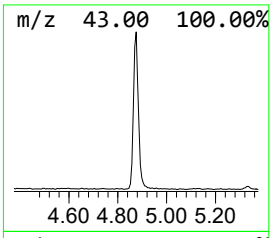
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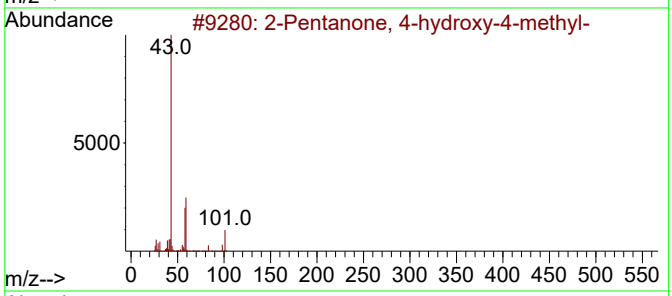
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

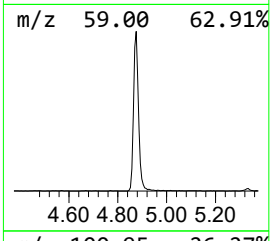
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	6.94 ng	292378	1,4-Dichlorobenzene-d4	7.704

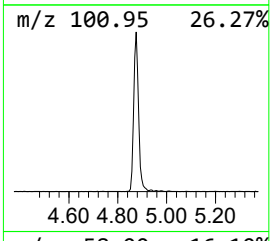
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23

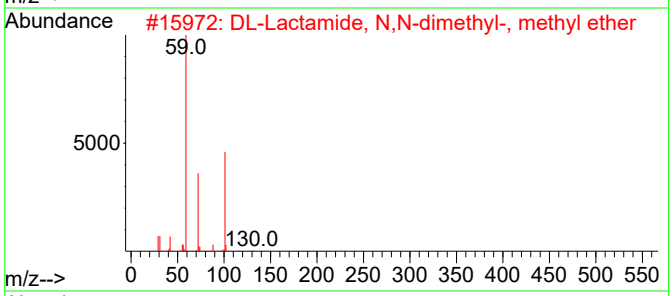


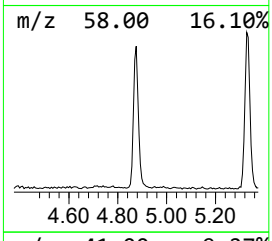


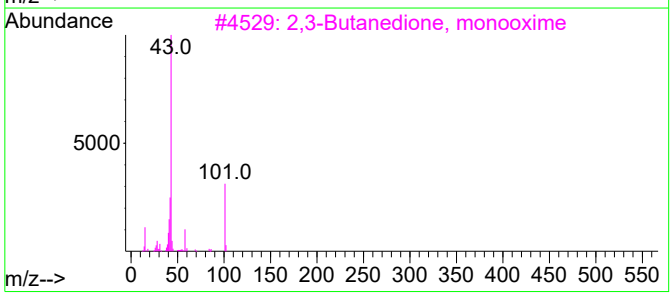


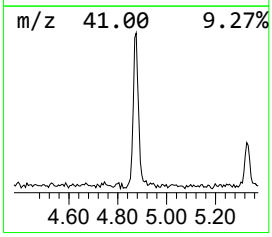












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

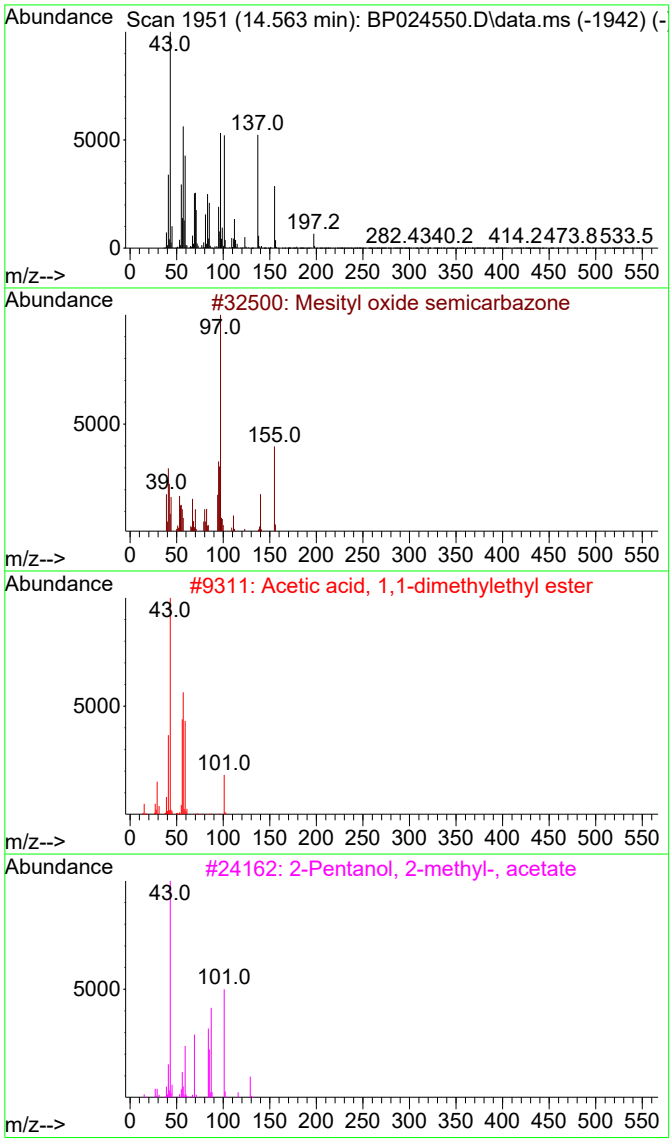
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

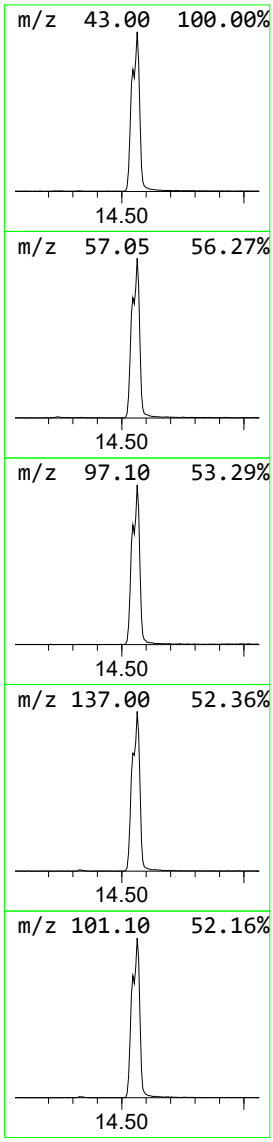
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Peak Number 2 unknown14.563 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	31.85 ng	2513160	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesityl oxide semicarbazone	155	C7H13N3O	003780-62-9	22
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
3	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	14
5	2-Amino-5-fluorobenzoic acid	155	C7H6FNO2	000446-08-2	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

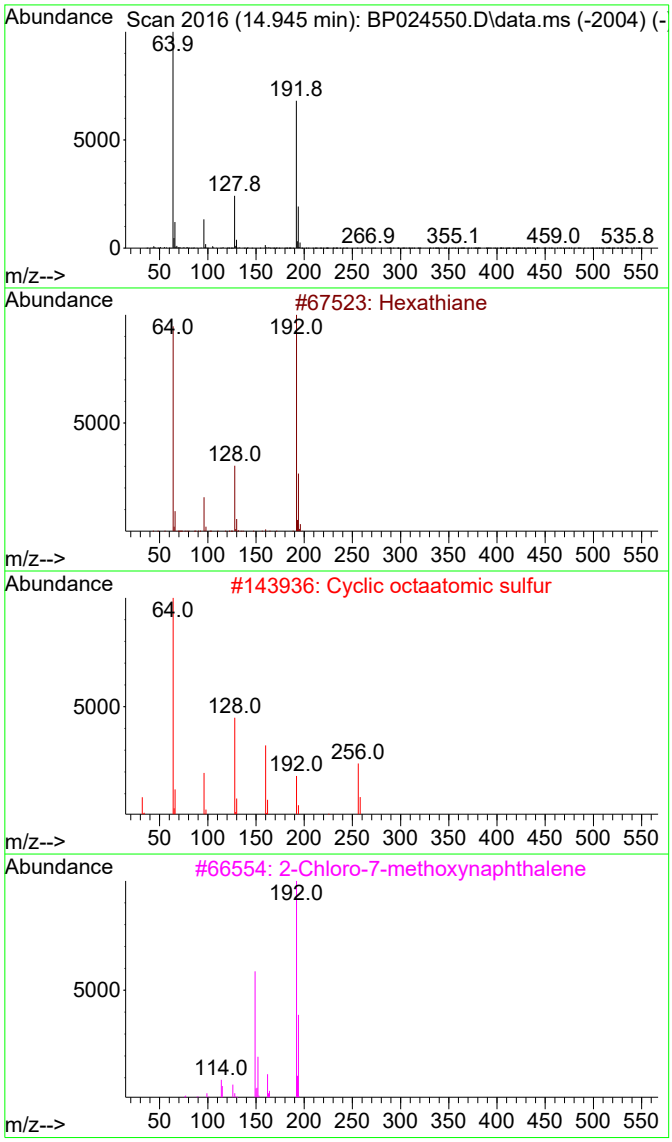
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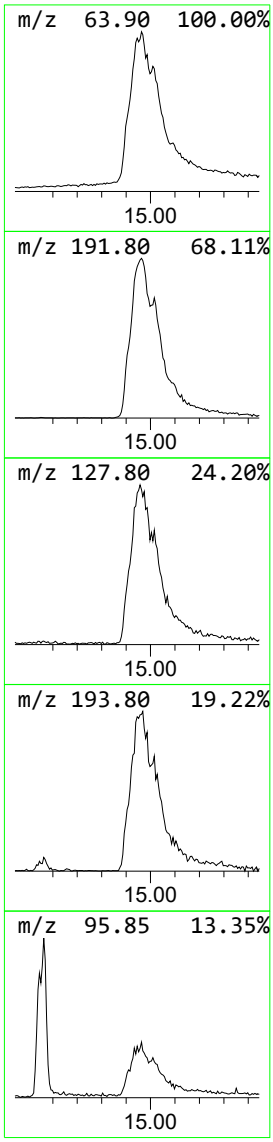
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Peak Number 3 Hexathiane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.28 ng	179533	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	94
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	9
3	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	7
4	Cyclobutane, 1,1'-(1,1,2,2-tetra...	354	C10H6F12	035207-94-4	5
5	Sulfur dioxide	64	O2S	007446-09-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

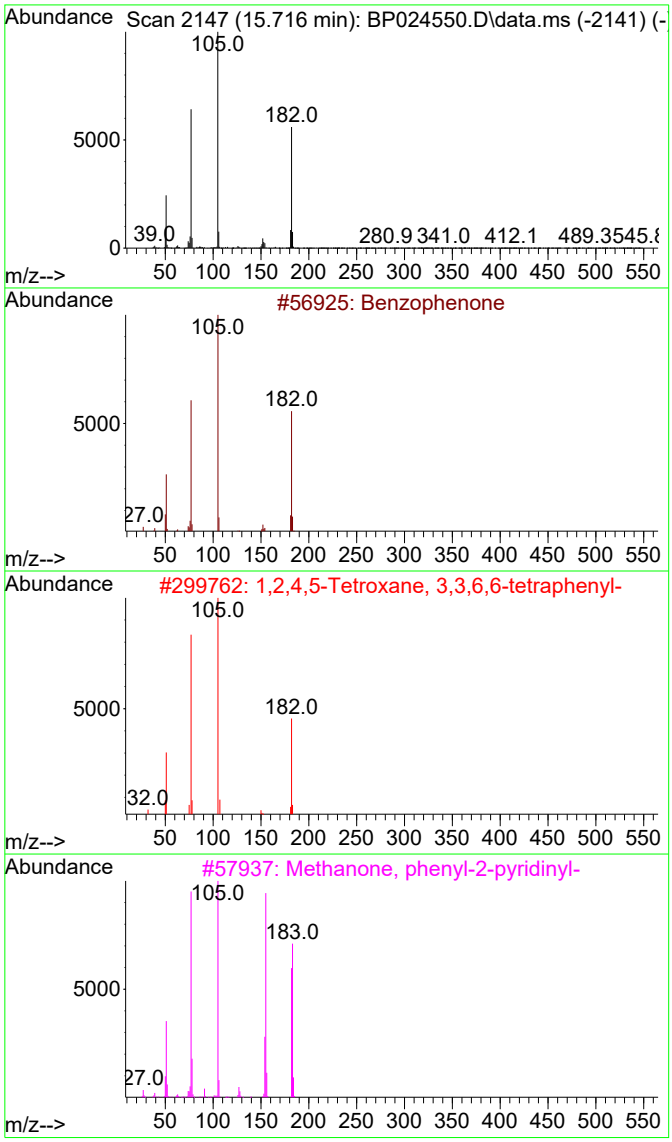
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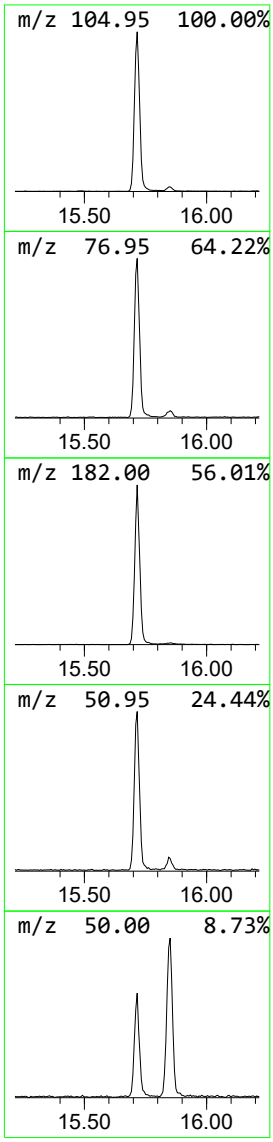
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Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.716	4.26 ng	336354	Acenaphthene-d10	14.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
5	Azobenzene	182	C12H10N2	000103-33-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

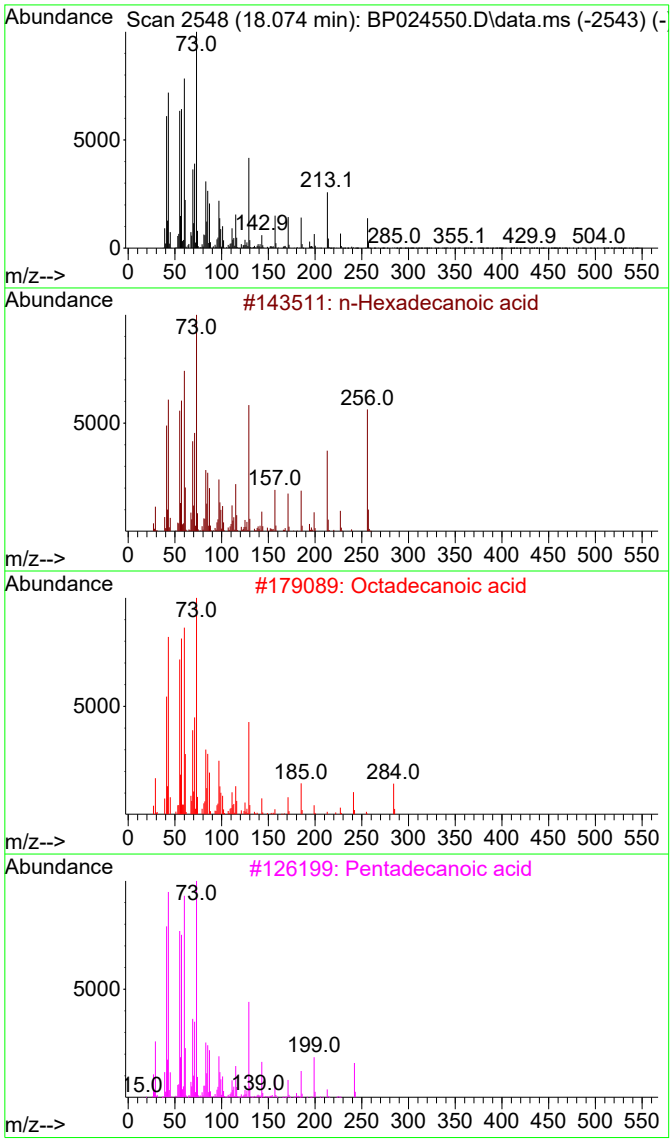
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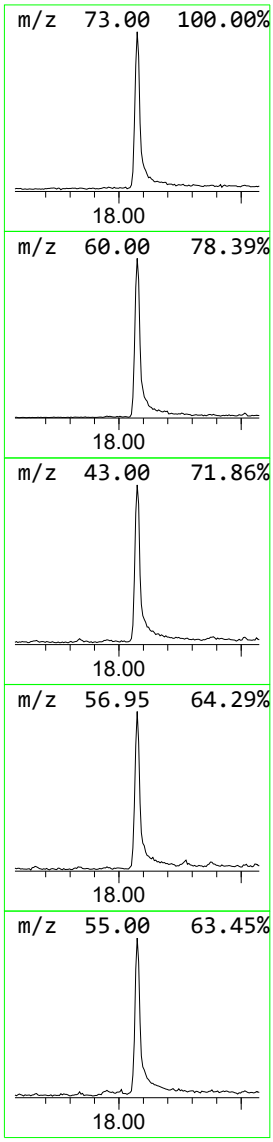
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	8.13 ng	755934	Phenanthrene-d10	17.139

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

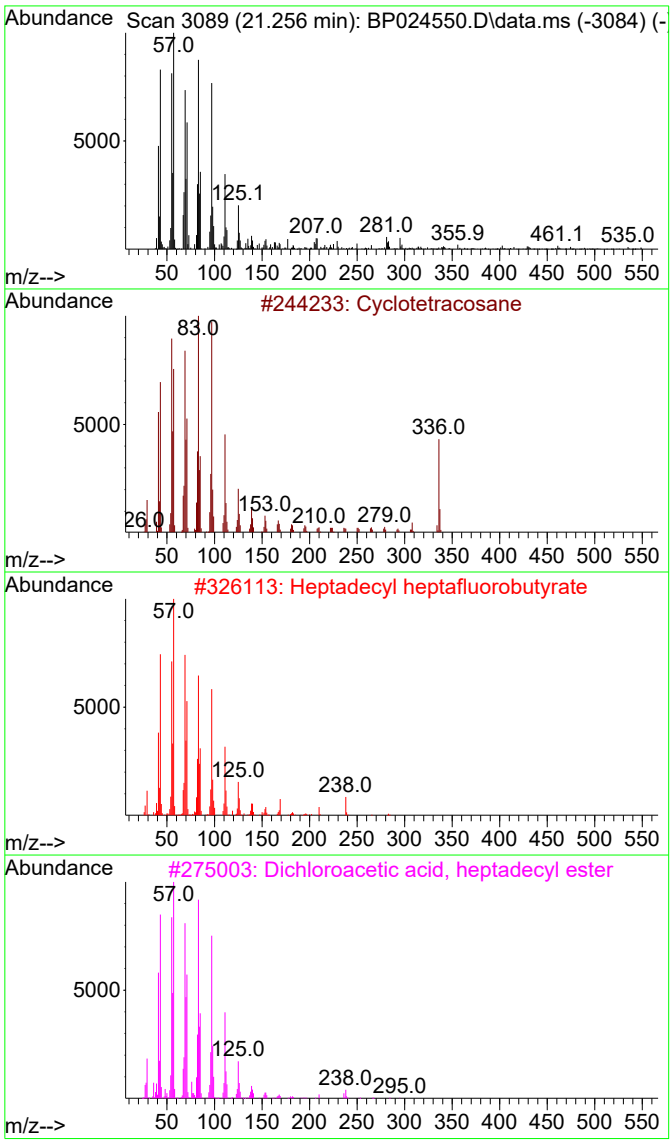
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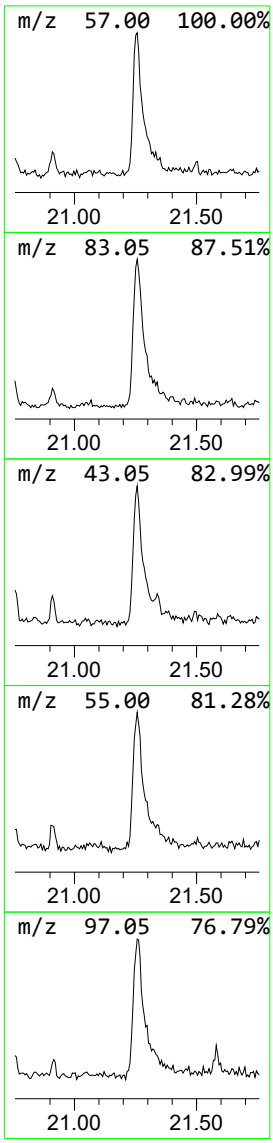
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Peak Number 6 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	2.64 ng	304021	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Sample Results: **BP024550.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024550.D
Acq On : 06 May 2025 17:08
Operator : RC/JU
Sample : Q1956-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.875	6.9	ng	292378	1	7.704	842897	20.0
unknown14.563	14.563	31.9	ng	2513160	3	14.333	1578280	20.0
Hexathiane	14.945	2.3	ng	179533	3	14.333	1578280	20.0
Benzophenone	15.716	4.3	ng	336354	3	14.333	1578280	20.0
n-Hexadecanoic ...	18.074	8.1	ng	755934	4	17.139	1859390	20.0
Cyclotetracosane	21.256	2.6	ng	304021	5	21.580	2306730	20.0

Raw Data: **BP024553.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
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
BP024553.D	1	05/06/25 09:25	05/06/25 19:10	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	370	U	170	370	ug/Kg
108-95-2	Phenol	190	U	24.5	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	26.9	190	ug/Kg
95-57-8	2-Chlorophenol	190	U	27.0	190	ug/Kg
95-48-7	2-Methylphenol	190	U	33.1	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	41.5	190	ug/Kg
98-86-2	Acetophenone	190	U	32.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	45.5	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	88.6	U	52.5	88.6	ug/Kg
67-72-1	Hexachloroethane	190	U	19.5	190	ug/Kg
98-95-3	Nitrobenzene	190	U	20.3	190	ug/Kg
78-59-1	Isophorone	190	U	36.3	190	ug/Kg
88-75-5	2-Nitrophenol	190	U	64.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	71.7	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	34.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	190	U	31.3	190	ug/Kg
91-20-3	Naphthalene	190	U	25.1	190	ug/Kg
106-47-8	4-Chloroaniline	190	U	39.2	190	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	28.0	190	ug/Kg
105-60-2	Caprolactam	370	U	57.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	31.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	28.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	130	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	21.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	190	U	32.2	190	ug/Kg
92-52-4	1,1-Biphenyl	190	U	24.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	24.9	190	ug/Kg
88-74-4	2-Nitroaniline	190	U	53.3	190	ug/Kg
131-11-3	Dimethylphthalate	190	U	30.0	190	ug/Kg

Raw Data: **BP024553.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
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
BP024553.D	1	05/06/25 09:25	05/06/25 19:10	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	190	U	32.0	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	37.2	190	ug/Kg
99-09-2	3-Nitroaniline	190	U	50.9	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	250	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	120	370	ug/Kg
132-64-9	Dibenzofuran	190	U	25.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	55.5	190	ug/Kg
84-66-2	Diethylphthalate	190	U	31.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	29.6	190	ug/Kg
86-73-7	Fluorene	190	U	28.0	190	ug/Kg
100-01-6	4-Nitroaniline	190	U	71.1	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	110	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	36.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	190	U	30.8	190	ug/Kg
118-74-1	Hexachlorobenzene	190	U	28.0	190	ug/Kg
1912-24-9	Atrazine	190	U	37.6	190	ug/Kg
87-86-5	Pentachlorophenol	370	U	56.8	370	ug/Kg
85-01-8	Phenanthrene	190	U	23.1	190	ug/Kg
120-12-7	Anthracene	190	U	36.9	190	ug/Kg
86-74-8	Carbazole	190	U	34.5	190	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	53.0	190	ug/Kg
206-44-0	Fluoranthene	190	U	33.2	190	ug/Kg
129-00-0	Pyrene	190	U	39.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	79.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	40.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.5	190	ug/Kg
218-01-9	Chrysene	190	U	22.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	65.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	96.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.0	190	ug/Kg

Raw Data: **BP024553.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
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
BP024553.D	1	05/06/25 09:25	05/06/25 19:10	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	190	U	24.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	32.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	32.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	28.3	190	ug/Kg
123-91-1	1,4-Dioxane	190	U	50.0	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	30.3	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.0		18 - 112	61%	SPK: 150
13127-88-3	Phenol-d6	84.7		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.8		18 - 107	62%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.2		20 - 109	53%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		10 - 116	74%	SPK: 150
1718-51-0	Terphenyl-d14	48.7		10 - 105	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155000	7.705			
1146-65-2	Naphthalene-d8	597000	10.475			
15067-26-2	Acenaphthene-d10	373000	14.34			
1517-22-2	Phenanthrene-d10	751000	17.14			
1719-03-5	Chrysene-d12	894000	21.58			
1520-96-3	Perylene-d12	1070000	24.904			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-55-6	Propylene Glycol	120	J		3.52	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB		4.88	ug/Kg
000770-35-4	1-Phenoxypropan-2-ol	100	J		11.2	ug/Kg
	unknown14.563	590	J		14.6	ug/Kg
000119-61-9	Benzophenone	110	J		15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	93.4	J		18.1	ug/Kg

Raw Data: **BP024553.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:	05/01/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB91-3-4	SDG No.:	Q1956
Lab Sample ID:	Q1956-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	90.2
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
BP024553.D	1	05/06/25 09:25	05/06/25 19:10	PB167879

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\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Quant Time: May 07 01:12:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

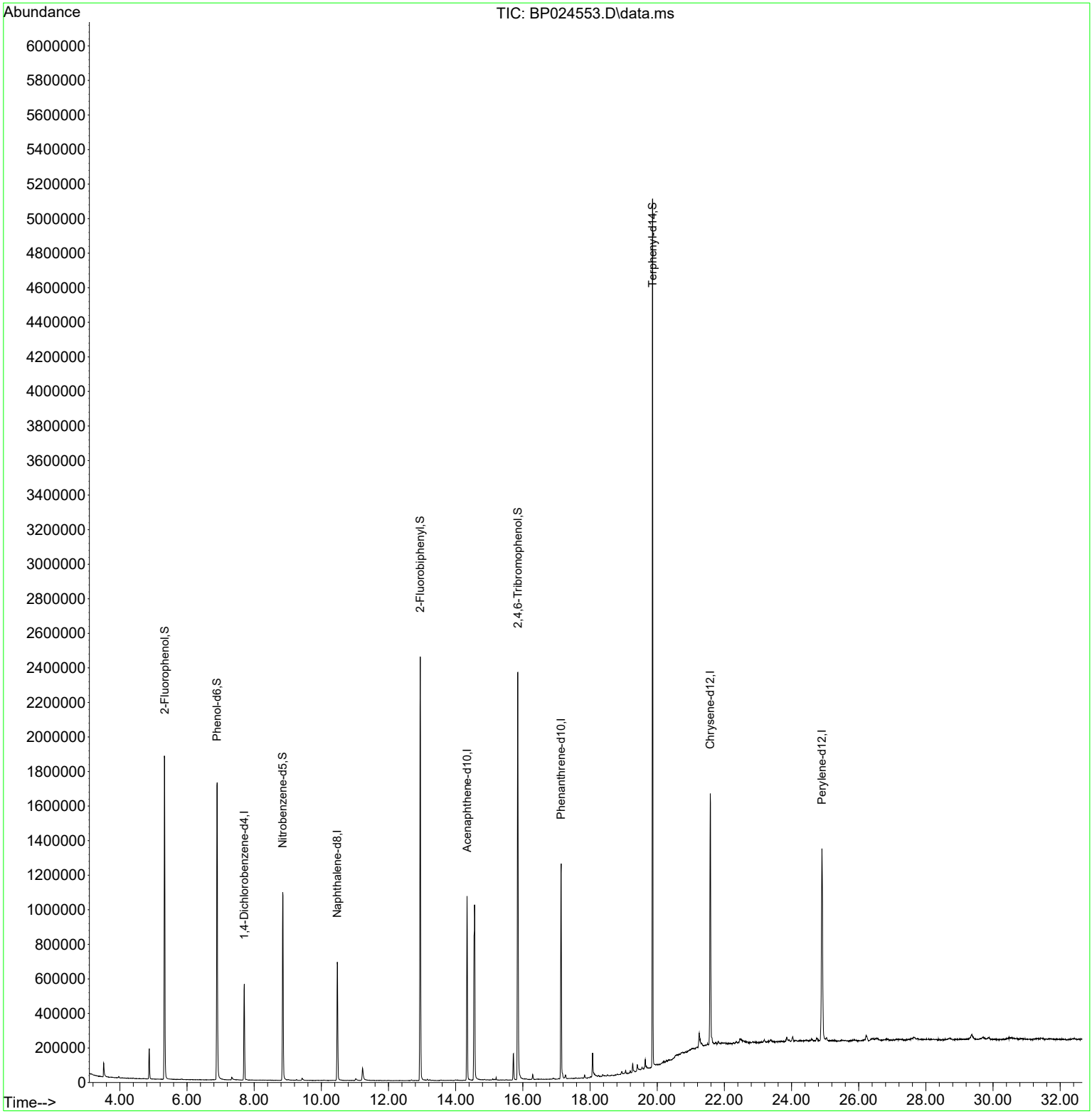
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	154903	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	597113	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	372722	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	751257	20.000	ng	0.00
76) Chrysene-d12	21.580	240	894391	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1072137	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	861910	92.001	ng	-0.01
7) Phenol-d6	6.893	99	1086397	84.689	ng	-0.02
23) Nitrobenzene-d5	8.852	82	646734	61.760	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	570062	110.546	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	1294296	53.169	ng	-0.02
79) Terphenyl-d14	19.863	244	2161404	48.710	ng	-0.01
Target Compounds						Qvalue

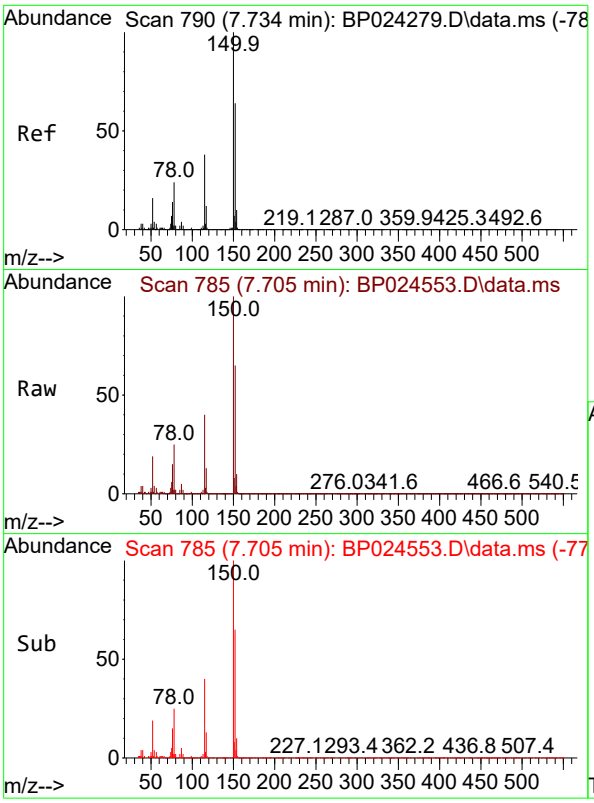
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Quant Time: May 07 01:12:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



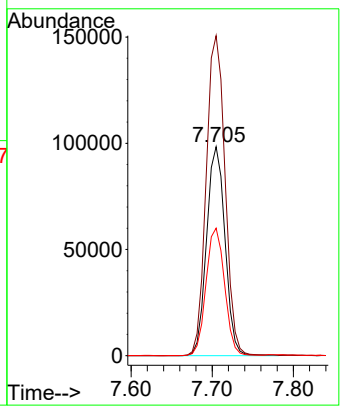


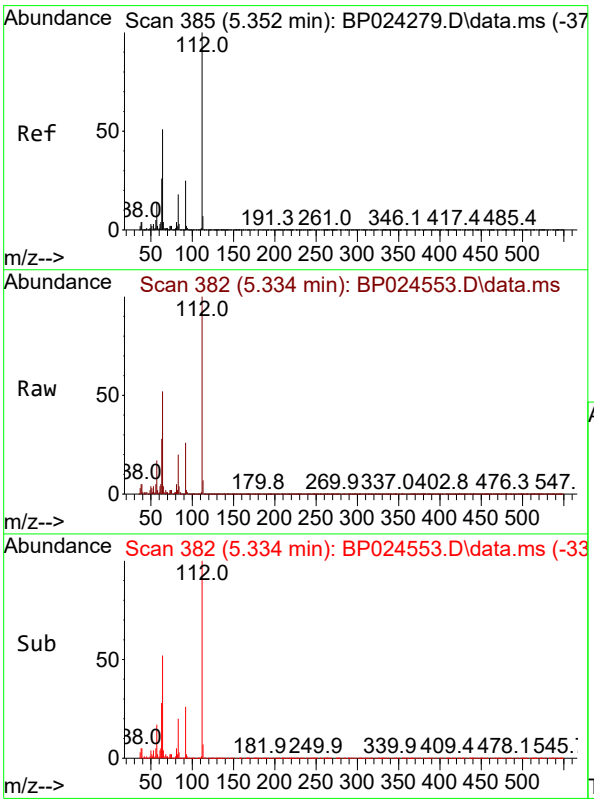
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion:152 Resp: 154903

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.9	187.3
115	61.0	47.7	71.5

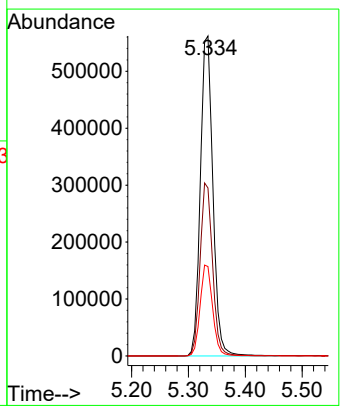


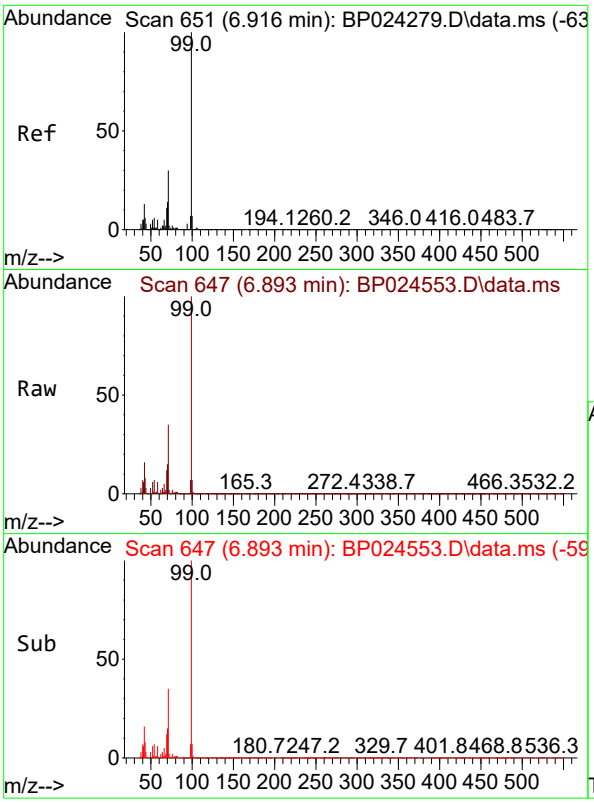


#5
2-Fluorophenol
Concen: 92.001 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:112 Resp: 861910

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.1	61.7
63	27.9	20.6	30.8



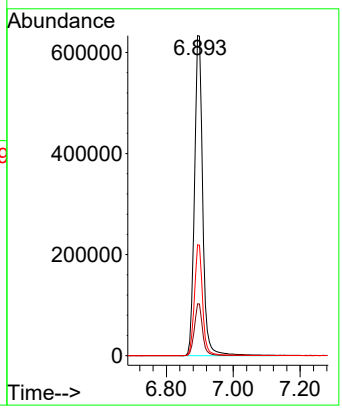


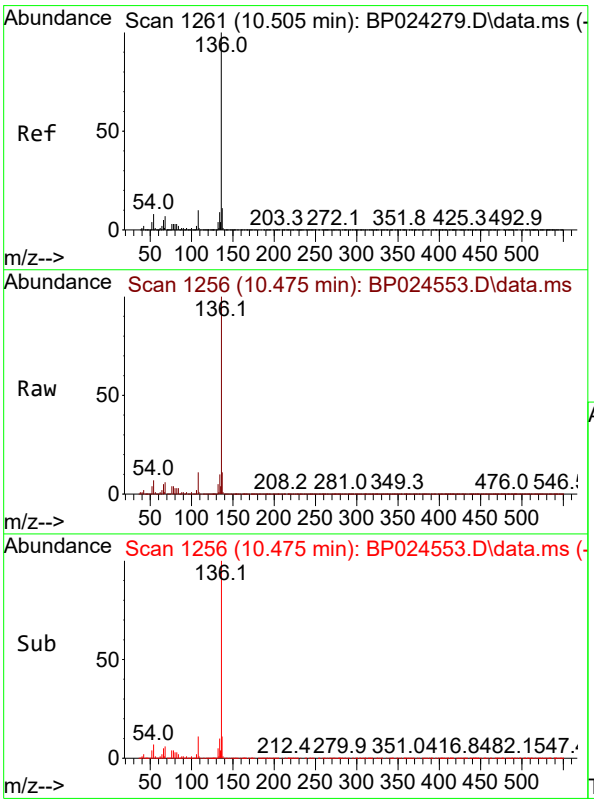
#7
Phenol-d6
Concen: 84.689 ng
RT: 6.893 min Scan# 64
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion: 99 Resp: 1086397

Ion	Ratio	Lower	Upper
99	100		
42	16.2	10.6	16.0#
71	34.6	23.7	35.5

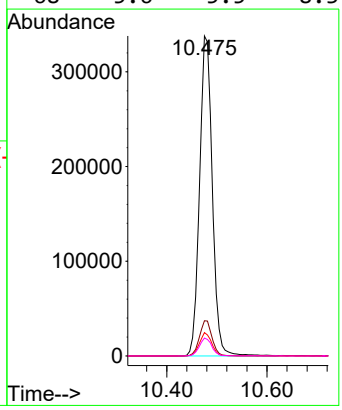


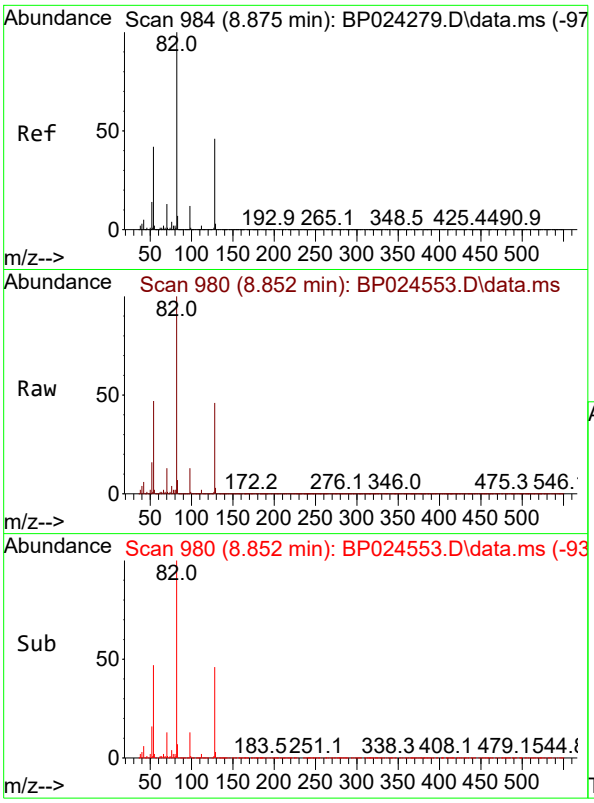


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:136 Resp: 597113

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.3	6.0	9.0
68	5.6	5.5	8.3



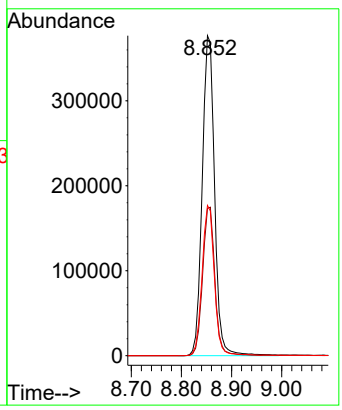


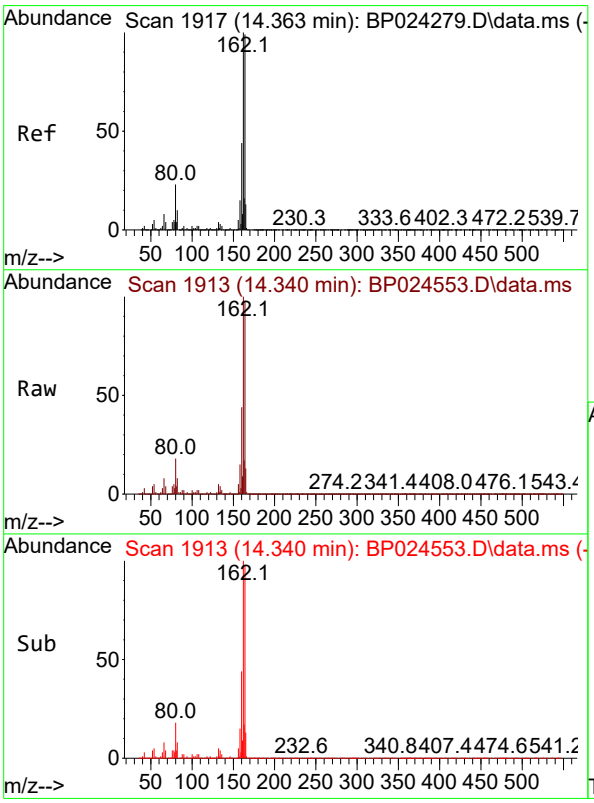
#23
Nitrobenzene-d5
Concen: 61.760 ng
RT: 8.852 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion: 82 Resp: 646734

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.5	54.7
54	47.0	33.4	50.2

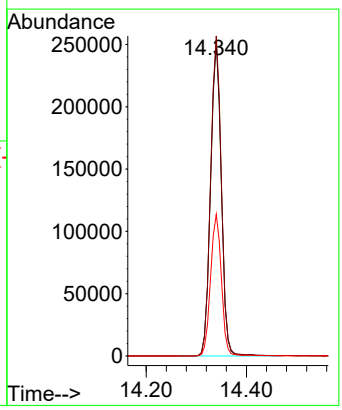


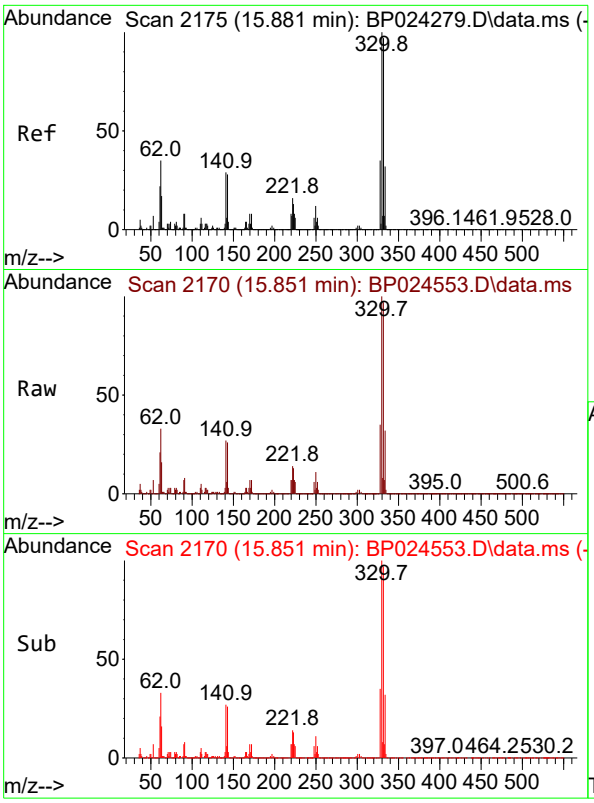


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:164 Resp: 372722

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.2	35.3	52.9



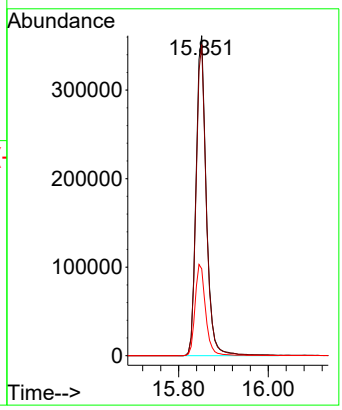


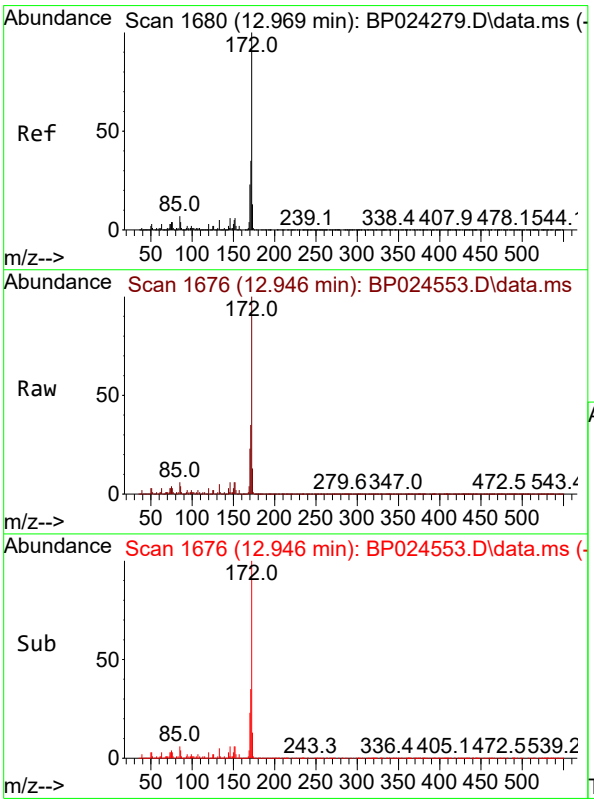
#42
2,4,6-Tribromophenol
Concen: 110.546 ng
RT: 15.851 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion:330 Resp: 570062

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.5	24.7	37.1

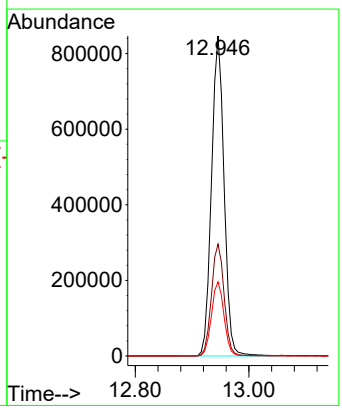


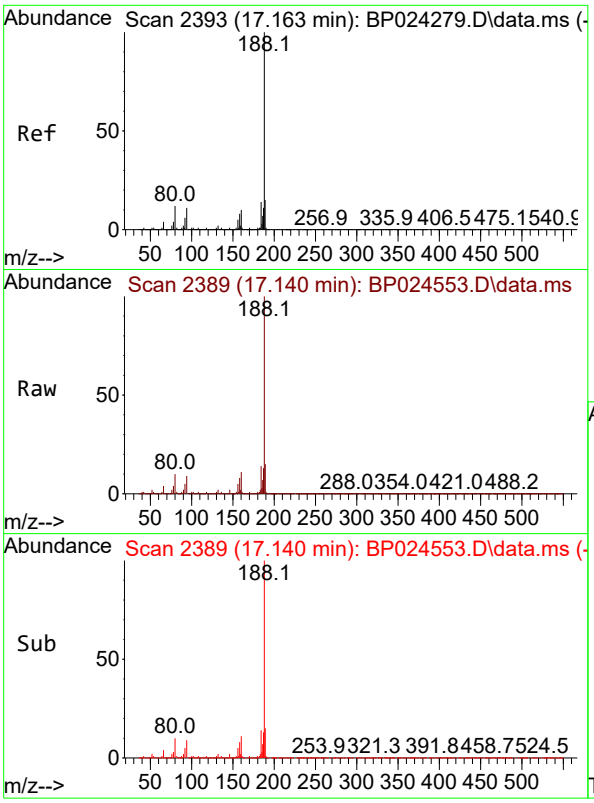


#45
2-Fluorobiphenyl
Concen: 53.169 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:172 Resp: 1294296

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.2
170	23.2	18.6	27.8



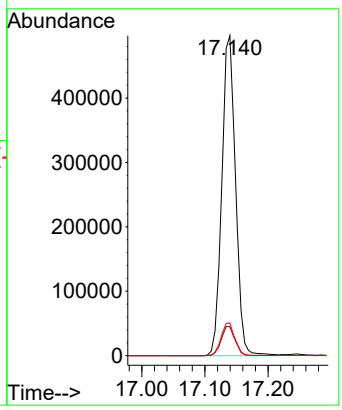


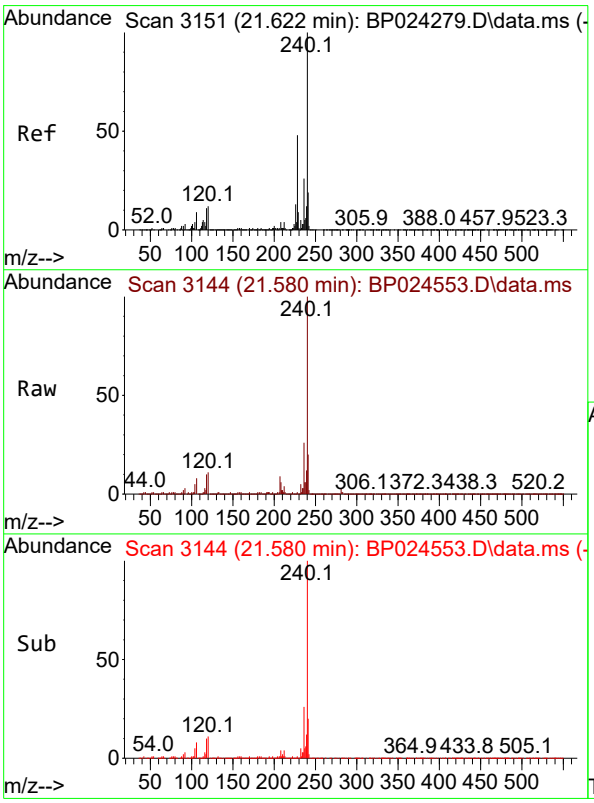
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion:188 Resp: 751257

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	10.3	9.8	14.6

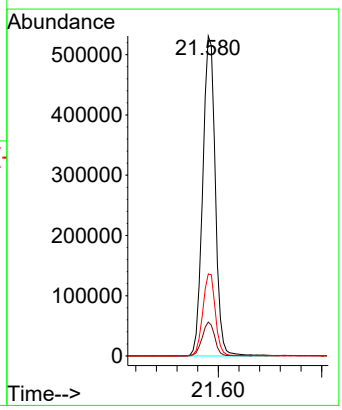


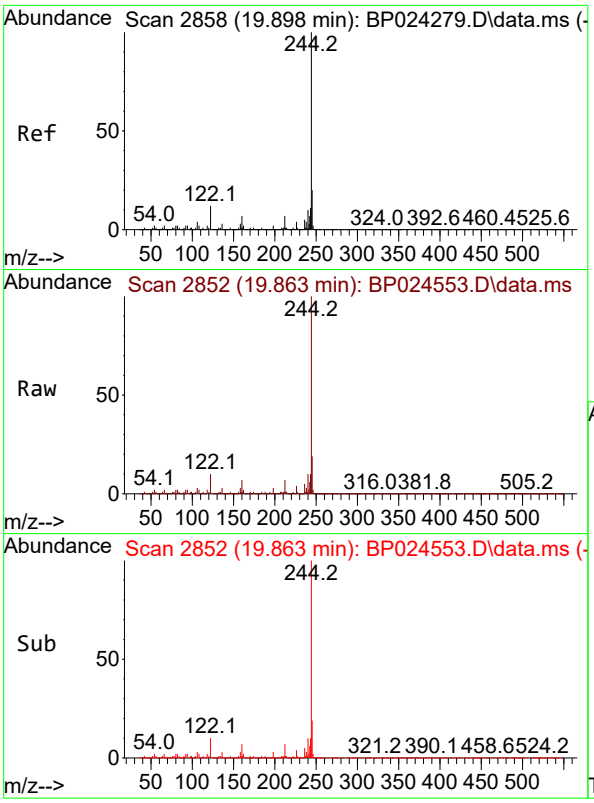


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:240 Resp: 894391

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	25.7	20.9	31.3



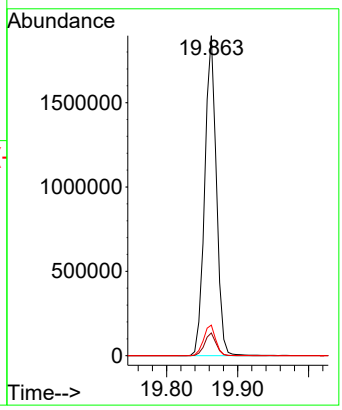


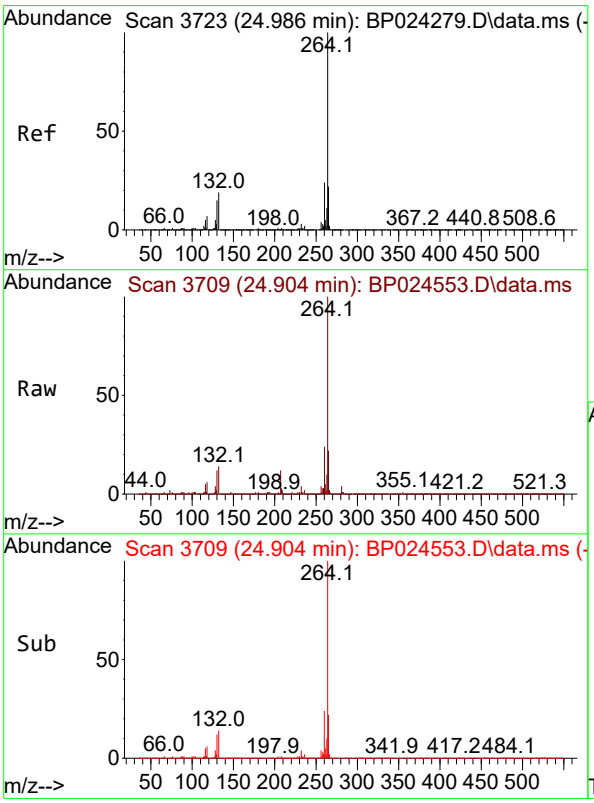
#79
Terphenyl-d14
Concen: 48.710 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

Tgt Ion:244 Resp: 2161404

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.5	9.4	14.0

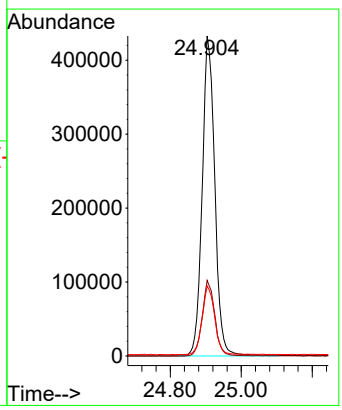




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.904 min Scan# 3709
Delta R.T. -0.029 min
Lab File: BP024553.D
Acq: 06 May 2025 19:10

Tgt Ion:264 Resp: 1072137

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.9	17.8	26.6



Sample Results: **BP024553.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

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

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

Signal : TIC: BP024553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.517	70	73	91	rVB	81739	140577	2.44%	0.407%
2	4.875	299	304	316	rVB	175827	252967	4.38%	0.733%
3	5.328	375	381	399	rBV	1871235	2865382	49.66%	8.299%
4	6.899	640	648	666	rBV	1719333	2937588	50.91%	8.508%
5	7.705	778	785	793	rBV	554772	892079	15.46%	2.584%
6	8.852	972	980	998	rBV	1087718	1873277	32.47%	5.426%
7	10.475	1248	1256	1271	rBV	685343	1212067	21.01%	3.510%
8	11.228	1377	1384	1396	rBV	70796	172281	2.99%	0.499%
9	12.946	1668	1676	1693	rBV	2452810	3786679	65.63%	10.967%
10	14.340	1905	1913	1922	rBV	1066501	1600326	27.74%	4.635%
11	14.563	1949	1951	1968	rVB	1009901	1275338	22.10%	3.694%
12	15.722	2141	2148	2155	rBV	152901	240411	4.17%	0.696%
13	15.851	2161	2170	2188	rBV	2359102	3916317	67.88%	11.343%
14	17.140	2382	2389	2403	rBV2	1246265	1942005	33.66%	5.625%
15	18.075	2543	2548	2557	rBV2	138953	245696	4.26%	0.712%
16	19.269	2747	2751	2755	rBV	50303	77907	1.35%	0.226%
17	19.404	2771	2774	2783	rBV4	37170	78033	1.35%	0.226%
18	19.863	2847	2852	2861	rBV	5015583	5769846	100.00%	16.711%
19	21.251	3085	3088	3097	rVB7	60842	119717	2.07%	0.347%
20	21.580	3138	3144	3151	rBV2	1438470	2418488	41.92%	7.005%
21	24.904	3701	3709	3723	rBV	1102389	2709961	46.97%	7.849%

Sum of corrected areas: 34526942

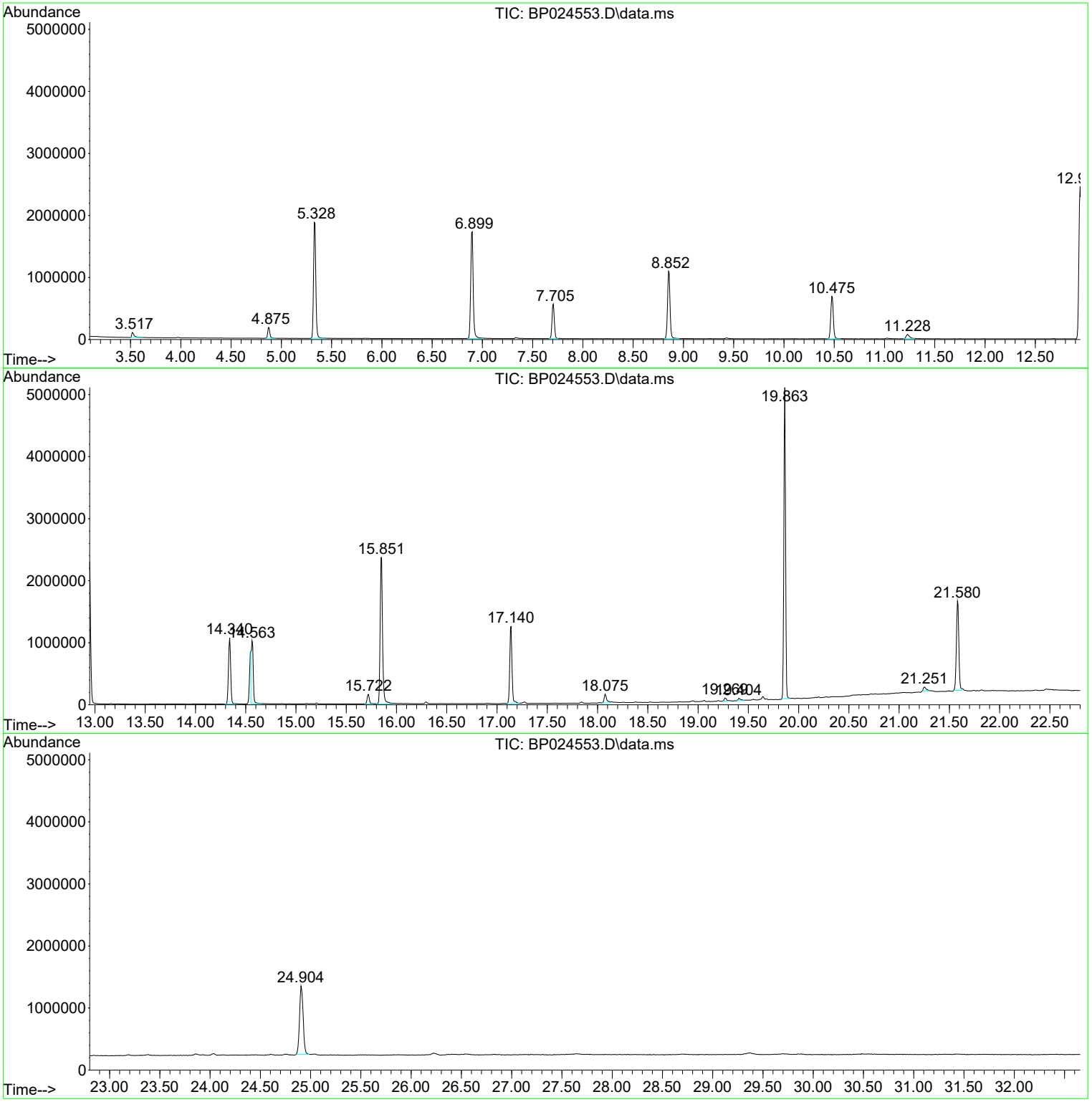
Sample Results: **BP024553.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

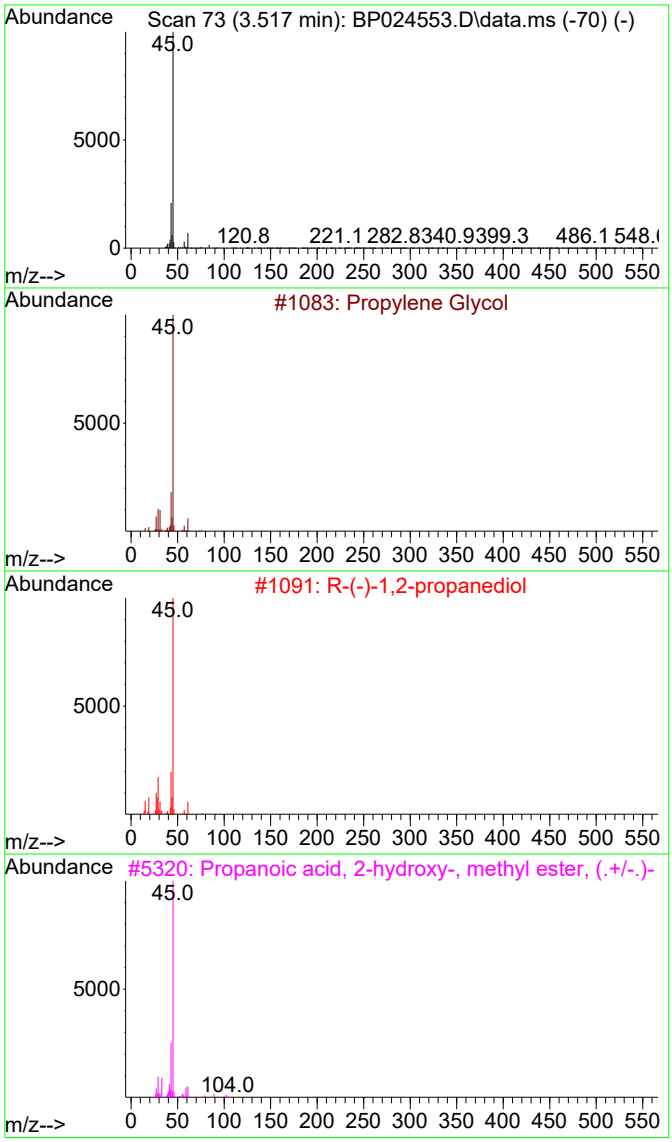
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

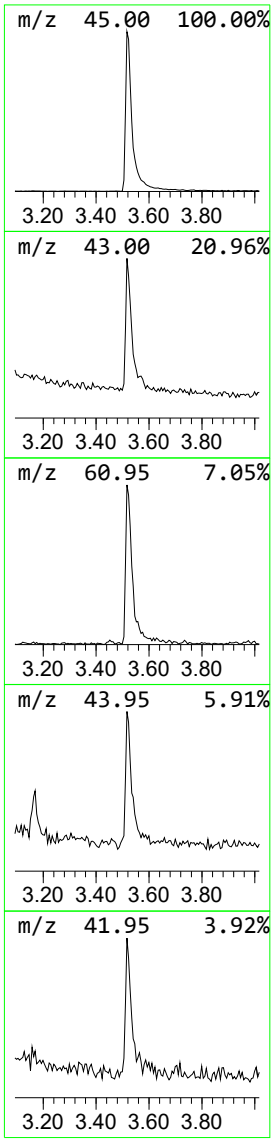
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.517	3.15 ng	140577	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
5	2-Pentanol	88	C5H12O	006032-29-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

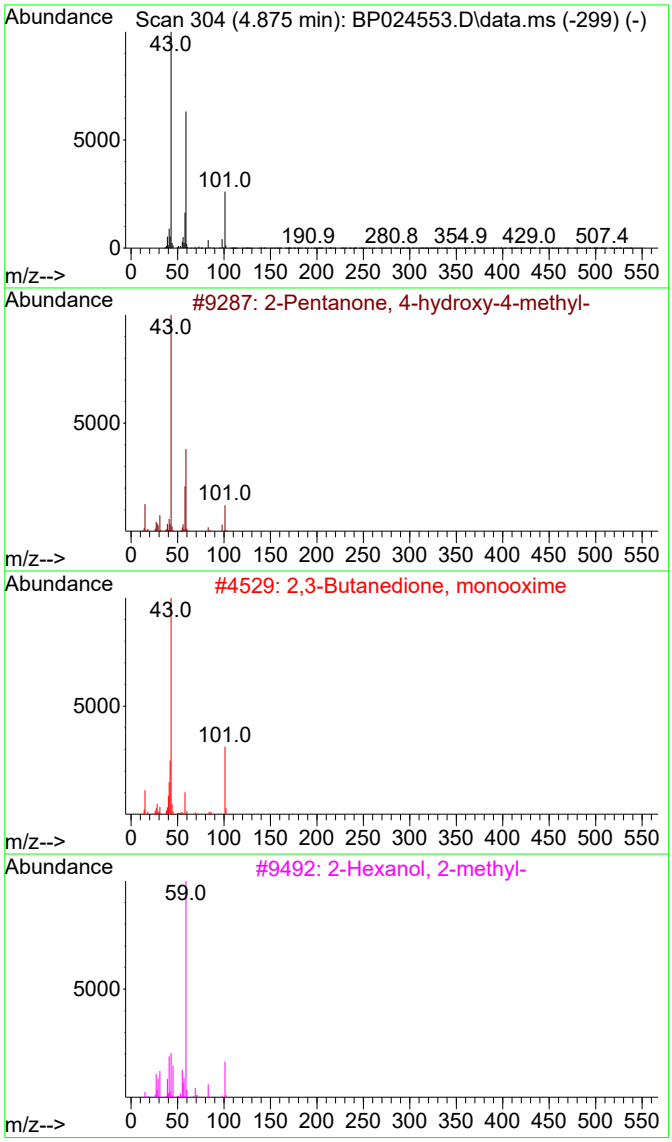
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

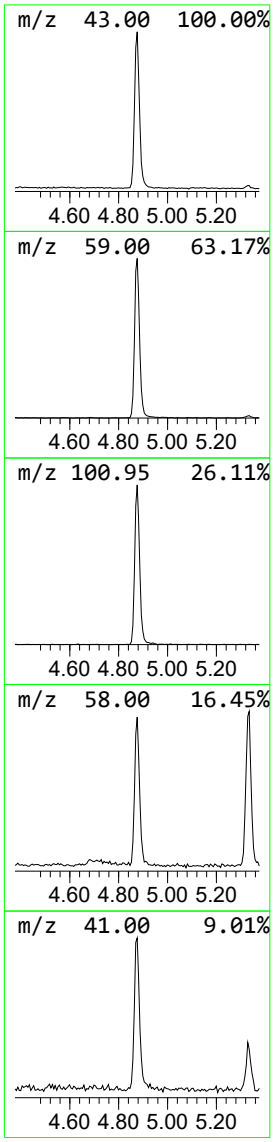
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.875	5.67 ng	252967	1,4-Dichlorobenzene-d4	7.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

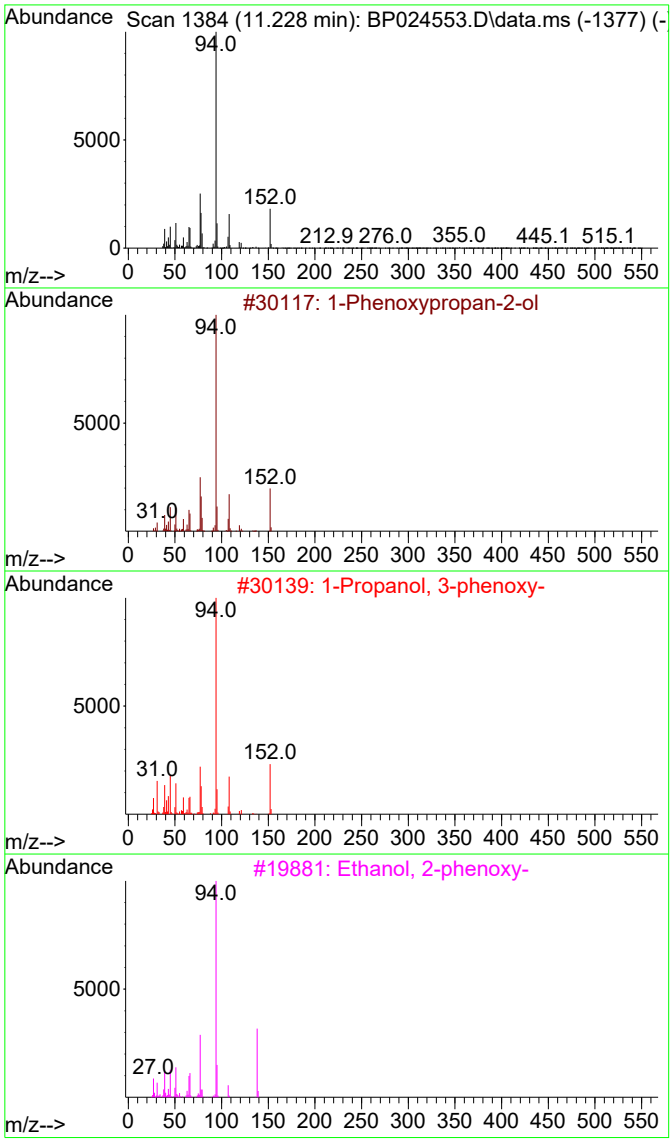
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TIC Integration Parameters: LSCINT.P

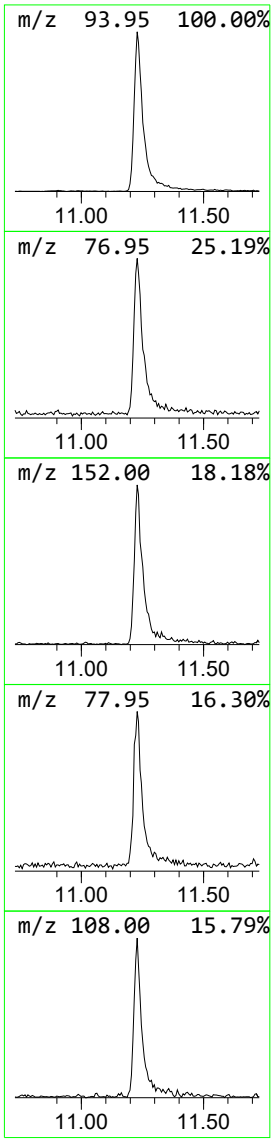
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Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.228	2.84 ng	172281	Naphthalene-d8	10.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59
5	3-Phenoxypropionic acid	166	C9H10O3	007170-38-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

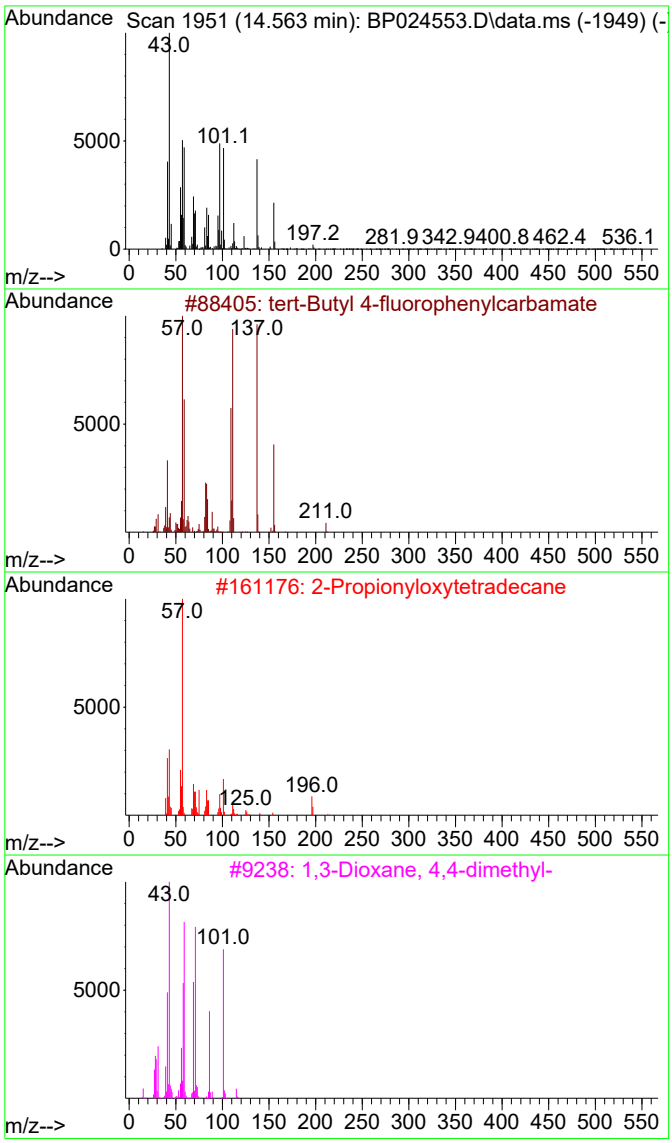
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TIC Integration Parameters: LSCINT.P

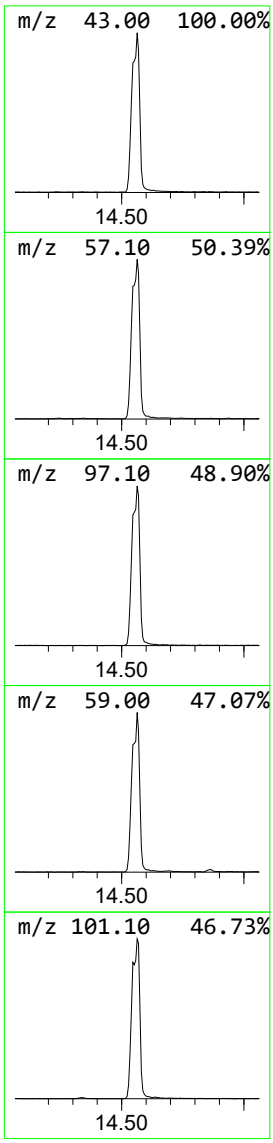
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Peak Number 4 unknown14.563 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.563	15.94 ng	1275340	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyl 4-fluorophenylcarbamate	211	C11H14FNO2	060144-53-8	25
2	2-Propionyloxytetradecane	270	C17H34O2	1000245-62-7	22
3	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	12
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	12
5	(E)-4-Hexenoic acid, 2-acetyl-2-...	238	C14H22O3	1000159-09-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

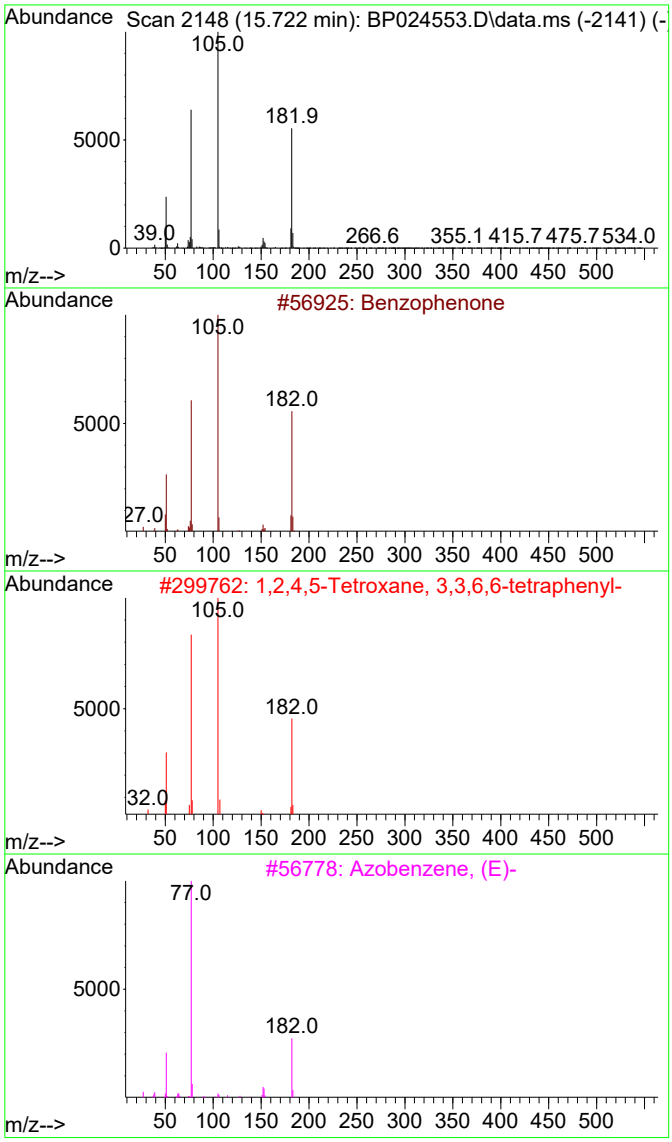
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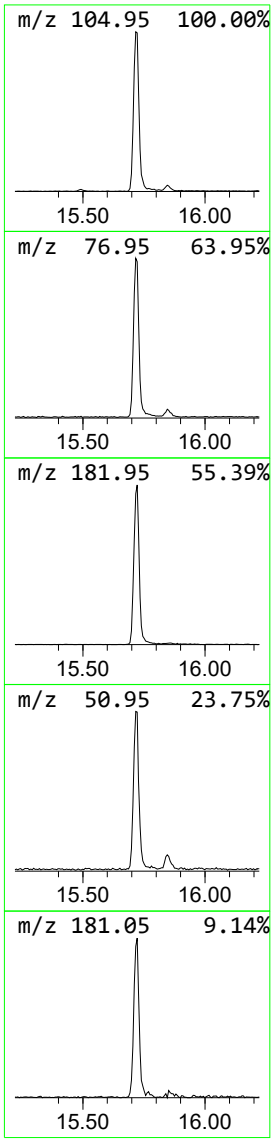
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Peak Number 5 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	3.00 ng	240411	Acenaphthene-d10	14.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4	Azobenzene	182	C12H10N2	000103-33-3	43
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

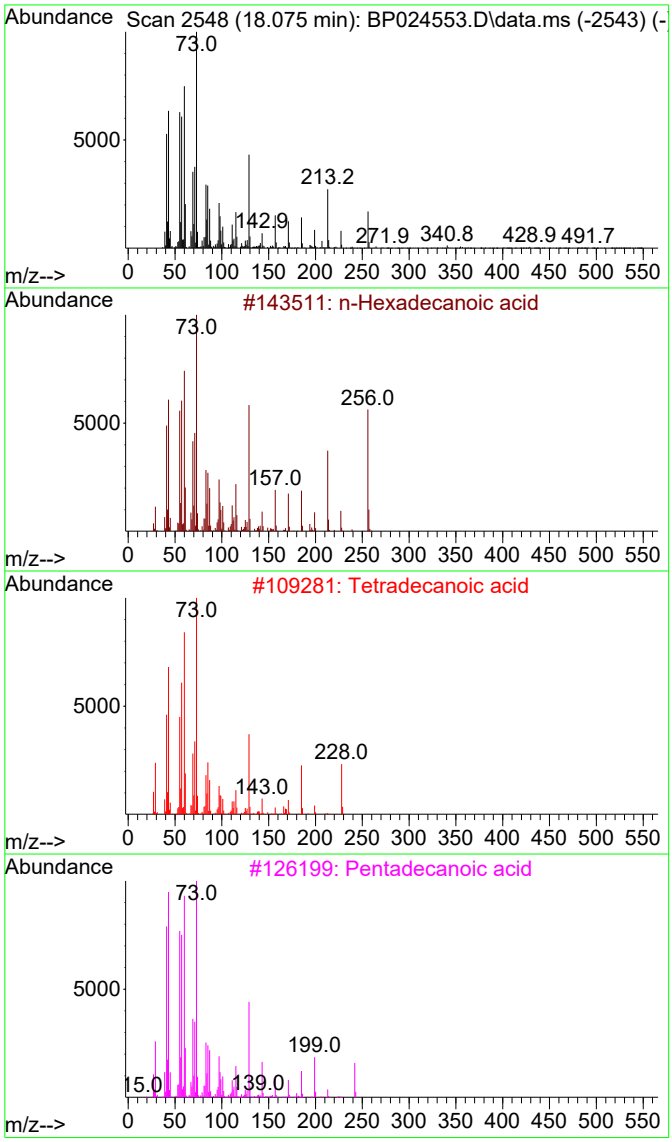
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

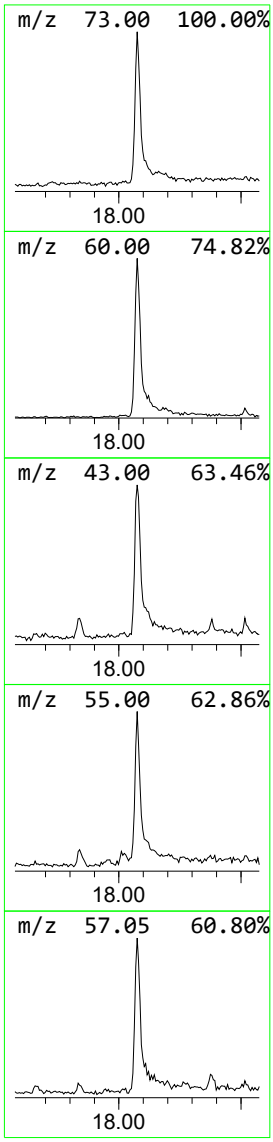
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.53 ng	245696	Phenanthrene-d10	17.140

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	90
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	81





Sample Results: **BP024553.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024553.D
Acq On : 06 May 2025 19:10
Operator : RC/JU
Sample : Q1956-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB91-3-4

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.517	3.1	ng	140577	1	7.705	892079	20.0
2-Pentanone, 4-...	4.875	5.7	ng	252967	1	7.705	892079	20.0
1-Phenoxypropan...	11.228	2.8	ng	172281	2	10.475	1212070	20.0
unknown14.563	14.563	15.9	ng	1275340	3	14.340	1600330	20.0
Benzophenone	15.722	3.0	ng	240411	3	14.340	1600330	20.0
n-Hexadecanoic ...	18.075	2.5	ng	245696	4	17.140	1942010	20.0

Raw Data: **BM050136.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	FB-05022025	SDG No.:	Q1956
Lab Sample ID:	Q1956-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	940 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050136.D	1	05/07/25 08:53	05/07/25 15:44	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.6	U	4.20	10.6	ug/L
108-95-2	Phenol	5.30	U	0.97	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.30	U	0.86	5.30	ug/L
95-57-8	2-Chlorophenol	5.30	U	0.62	5.30	ug/L
95-48-7	2-Methylphenol	5.30	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.30	U	1.40	5.30	ug/L
98-86-2	Acetophenone	5.30	U	0.79	5.30	ug/L
65794-96-9	3+4-Methylphenols	10.6	U	1.20	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	ug/L
67-72-1	Hexachloroethane	5.30	U	0.69	5.30	ug/L
98-95-3	Nitrobenzene	5.30	U	0.81	5.30	ug/L
78-59-1	Isophorone	5.30	U	0.80	5.30	ug/L
88-75-5	2-Nitrophenol	5.30	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	5.30	U	2.00	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.30	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	5.30	U	0.55	5.30	ug/L
91-20-3	Naphthalene	5.30	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	5.30	U	0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	5.30	U	0.57	5.30	ug/L
105-60-2	Caprolactam	10.6	U	1.20	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	5.30	U	0.63	5.30	ug/L
91-57-6	2-Methylnaphthalene	5.30	U	0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	10.6	U	3.90	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	5.30	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	5.30	U	0.66	5.30	ug/L
92-52-4	1,1-Biphenyl	5.30	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	5.30	U	0.65	5.30	ug/L
88-74-4	2-Nitroaniline	5.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	5.30	U	0.65	5.30	ug/L

Raw Data: **BM050136.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	FB-05022025	SDG No.:	Q1956
Lab Sample ID:	Q1956-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	940 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050136.D	1	05/07/25 08:53	05/07/25 15:44	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.30	U	0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	5.30	U	0.98	5.30	ug/L
99-09-2	3-Nitroaniline	5.30	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	5.30	U	0.59	5.30	ug/L
51-28-5	2,4-Dinitrophenol	10.6	U	6.40	10.6	ug/L
100-02-7	4-Nitrophenol	10.6	U	2.50	10.6	ug/L
132-64-9	Dibenzofuran	5.30	U	0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	5.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	5.30	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.30	U	0.72	5.30	ug/L
86-73-7	Fluorene	5.30	U	0.67	5.30	ug/L
100-01-6	4-Nitroaniline	5.30	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.6	U	3.10	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	5.30	U	0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	5.30	U	0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	5.30	U	0.55	5.30	ug/L
1912-24-9	Atrazine	5.30	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	10.6	U	1.70	10.6	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.65	5.30	ug/L
86-74-8	Carbazole	5.30	U	0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	5.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.87	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	5.30	U	2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	10.6	U	0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.48	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.30	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	10.6	U	2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L

Raw Data: **BM050136.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	FB-05022025	SDG No.:	Q1956
Lab Sample ID:	Q1956-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	940 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050136.D	1	05/07/25 08:53	05/07/25 15:44	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.30	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	5.30	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.30	U	0.77	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.6		10 - 139	41%	SPK: 150
13127-88-3	Phenol-d6	36.9		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.8		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.4		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		44 - 137	96%	SPK: 150
1718-51-0	Terphenyl-d14	84.3		48 - 125	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	271000	7.745			
1146-65-2	Naphthalene-d8	990000	10.539			
15067-26-2	Acenaphthene-d10	667000	14.392			
1517-22-2	Phenanthrene-d10	1360000	17.145			
1719-03-5	Chrysene-d12	1290000	21.392			
1520-96-3	Perylene-d12	1320000	24.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.30	AB		4.86	ug/L
000119-61-9	Benzophenone	2.30	J		15.8	ug/L
000057-10-3	n-Hexadecanoic acid	3.00	J		18.0	ug/L
000077-94-1	Butyl citrate	8.00	J		19.5	ug/L

Raw Data: **BM050136.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	FB-05022025	SDG No.:	Q1956
Lab Sample ID:	Q1956-07	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	940 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050136.D	1	05/07/25 08:53	05/07/25 15:44	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Quant Time: May 07 16:35:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

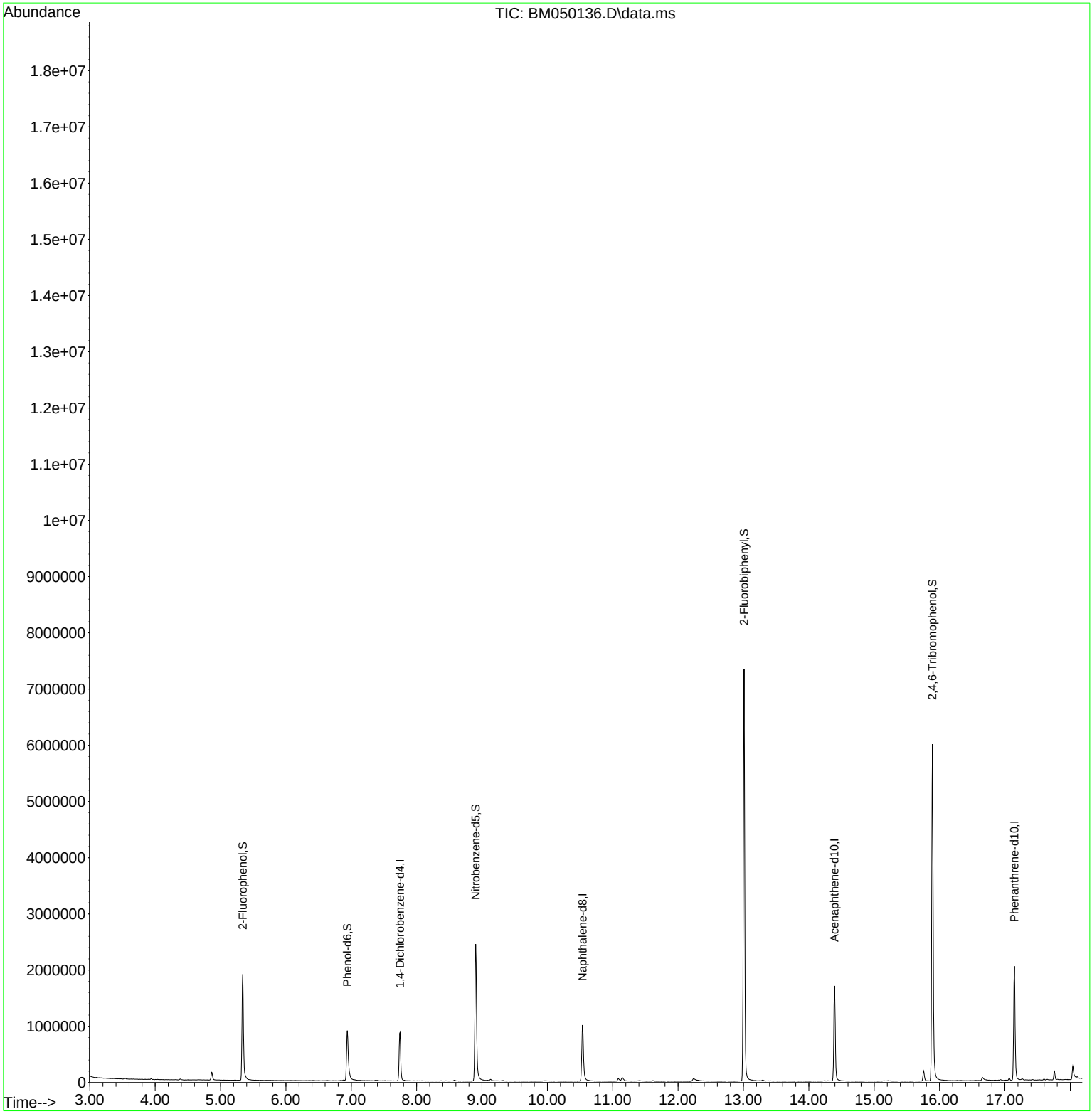
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	270666	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	990337	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	667274	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1355839	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1289767	20.000	ng	0.00
86) Perylene-d12	24.386	264	1323340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	951846	61.580	ng	-0.02
7) Phenol-d6	6.940	99	716153	36.863	ng	-0.01
23) Nitrobenzene-d5	8.904	82	1584076	78.819	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1420562	143.978	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4197440	74.415	ng	-0.02
79) Terphenyl-d14	19.768	244	7347594	84.298	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

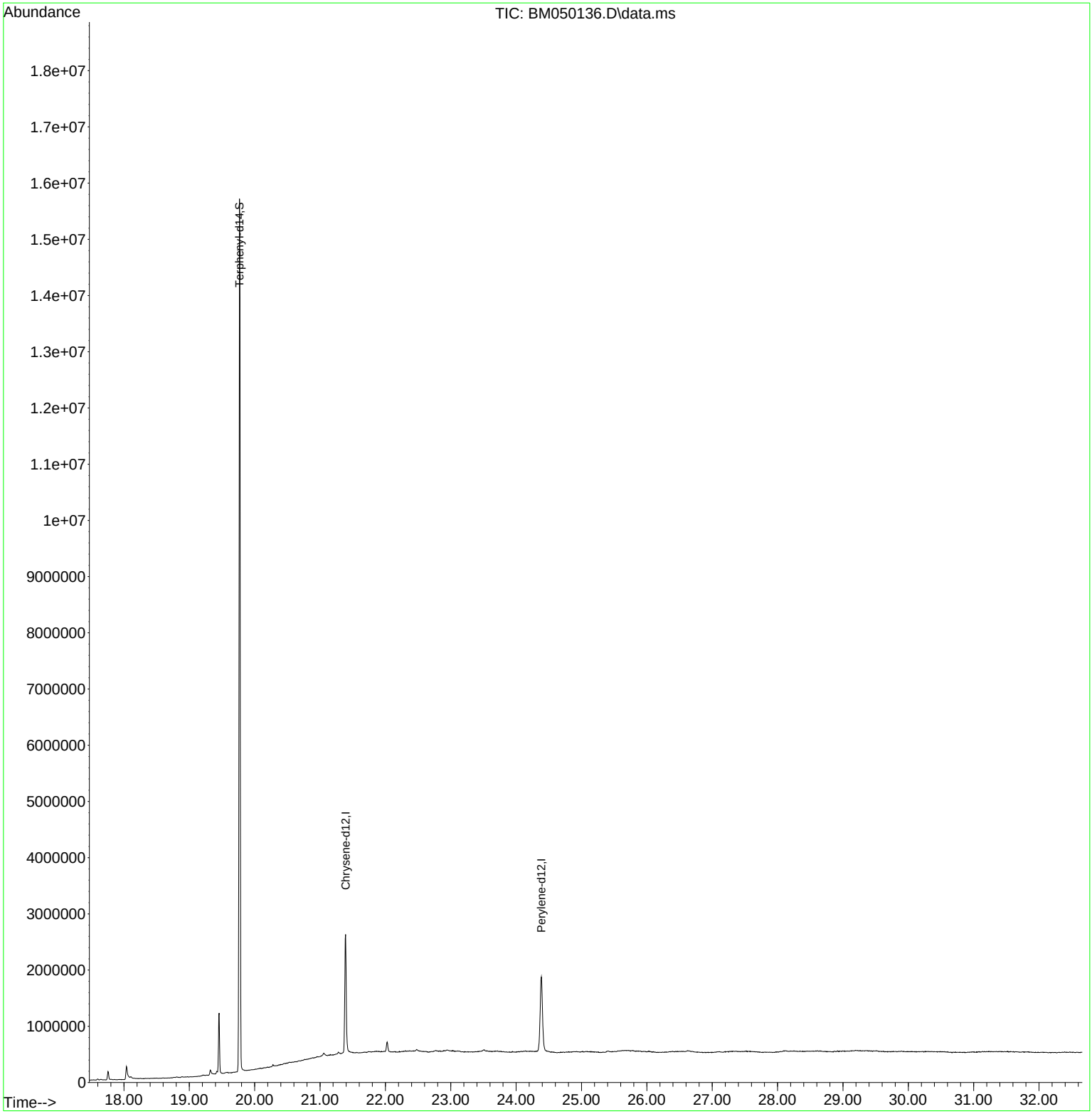
Quant Time: May 07 16:35:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

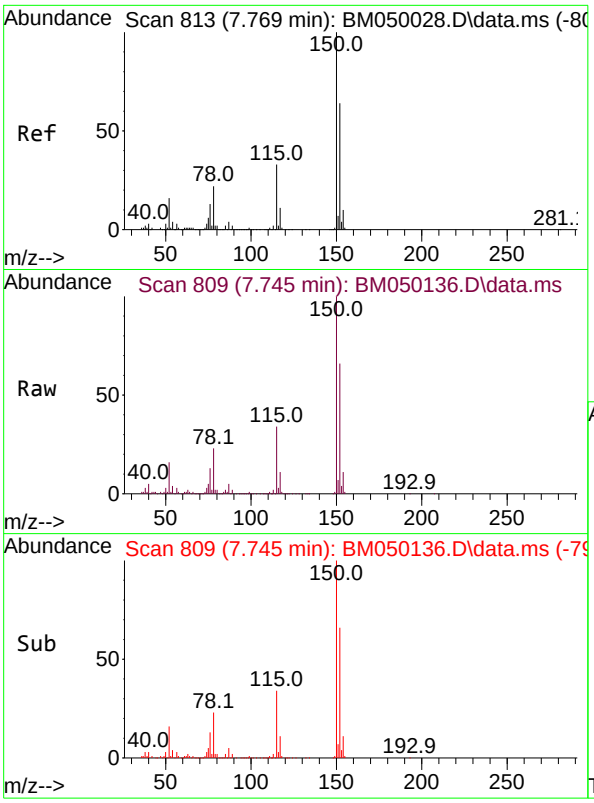


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Quant Time: May 07 16:35:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



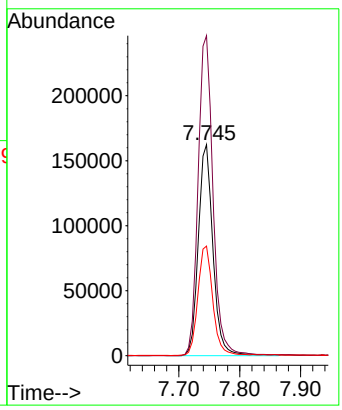


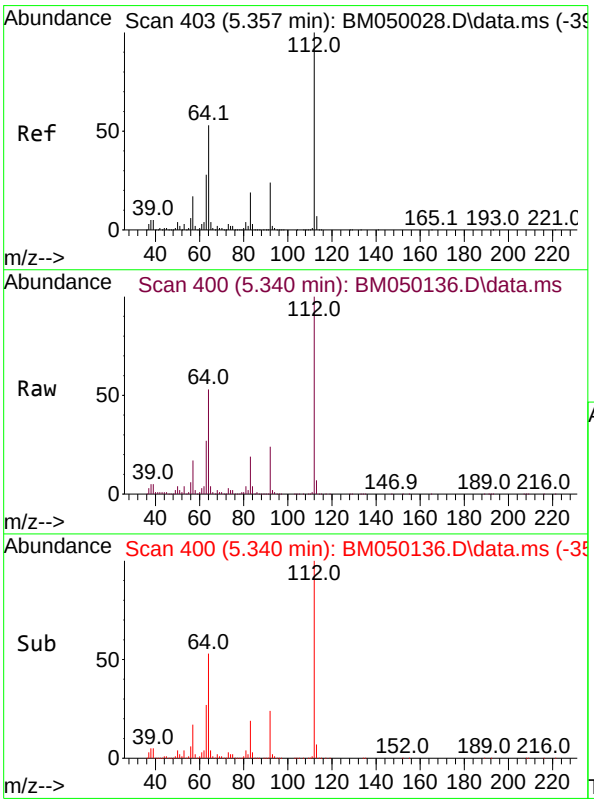
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion:152 Resp: 270666

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.1	186.1
115	51.9	41.2	61.8

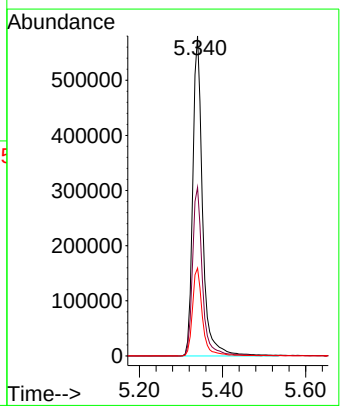


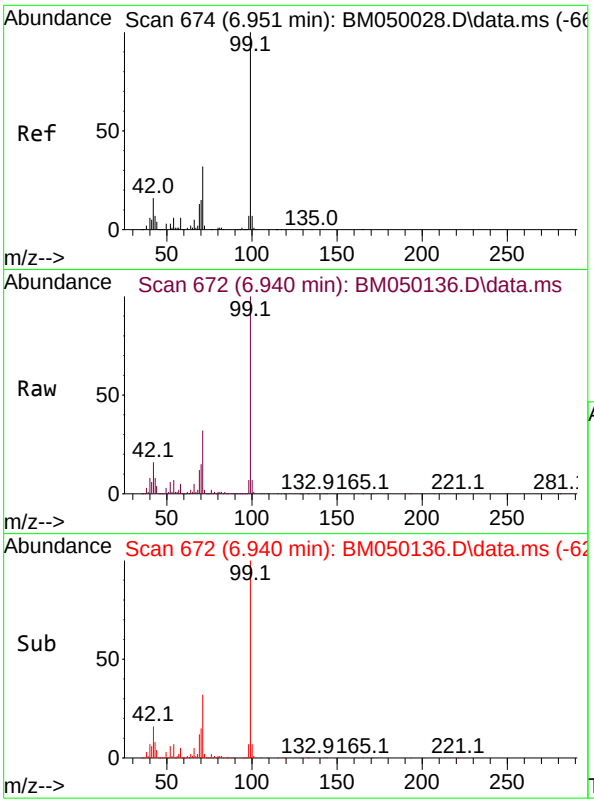


#5
2-Fluorophenol
Concen: 61.580 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:112 Resp: 951846

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	64.0
63	27.4	22.2	33.4



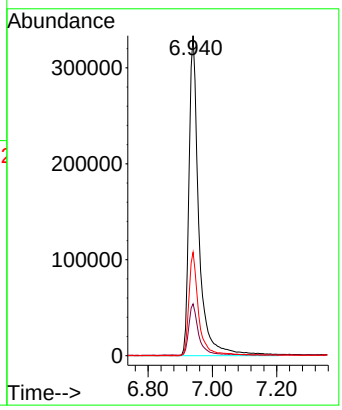


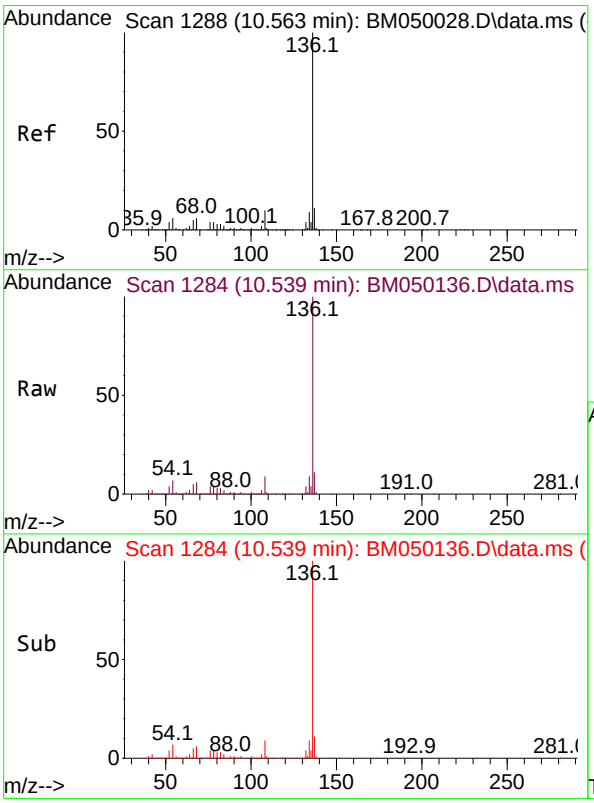
#7
Phenol-d6
Concen: 36.863 ng
RT: 6.940 min Scan# 6
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion: 99 Resp: 716153

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	32.3	25.6	38.4

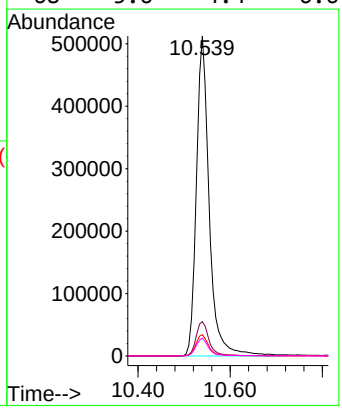


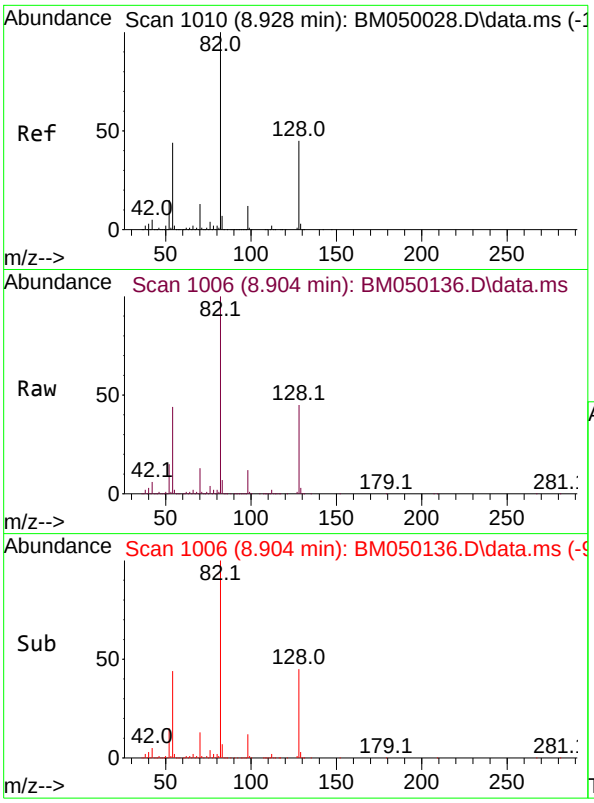


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:136 Resp: 990337

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.7	5.1	7.7
68	5.6	4.4	6.6



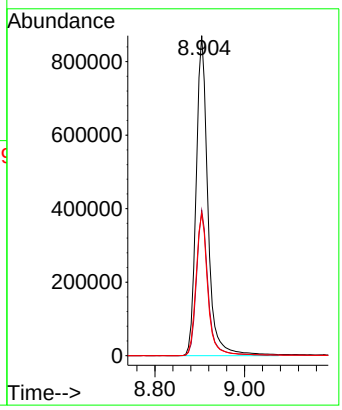


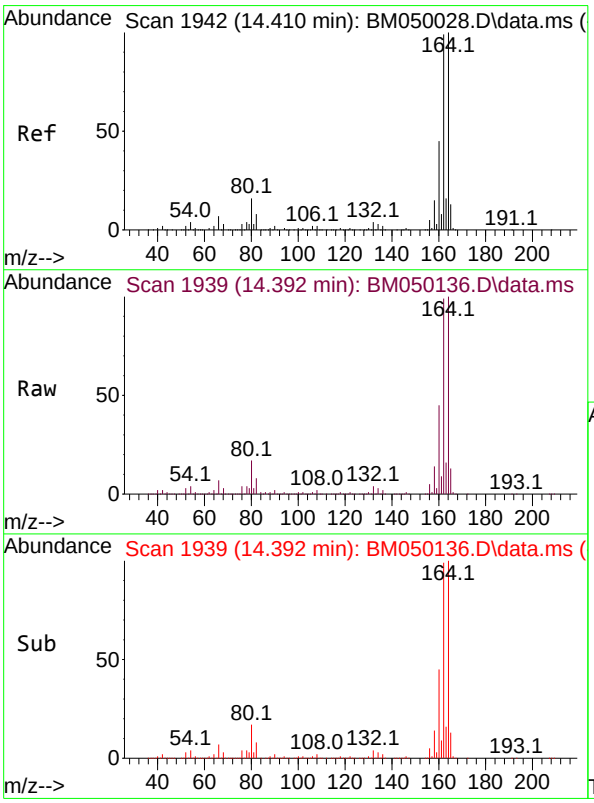
#23
Nitrobenzene-d5
Concen: 78.819 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion: 82 Resp: 1584076

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	44.4	35.4	53.2

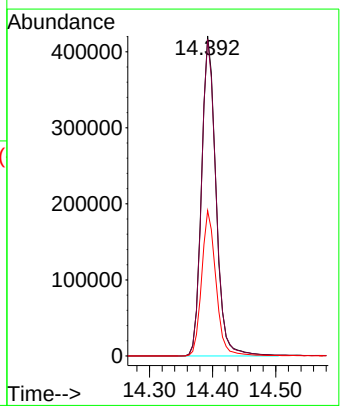


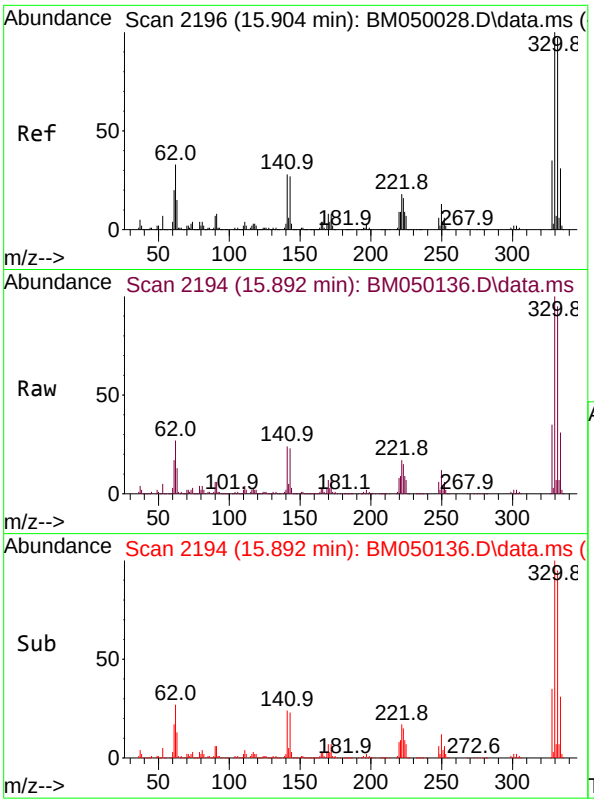


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:164 Resp: 667274

Ion	Ratio	Lower	Upper
164	100		
162	98.9	79.4	119.0
160	45.4	36.2	54.4



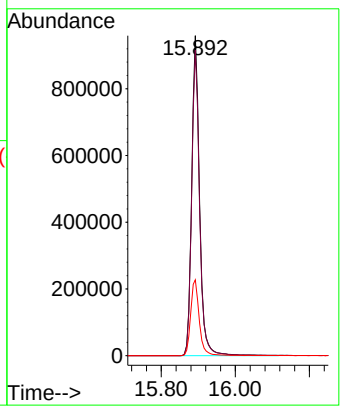


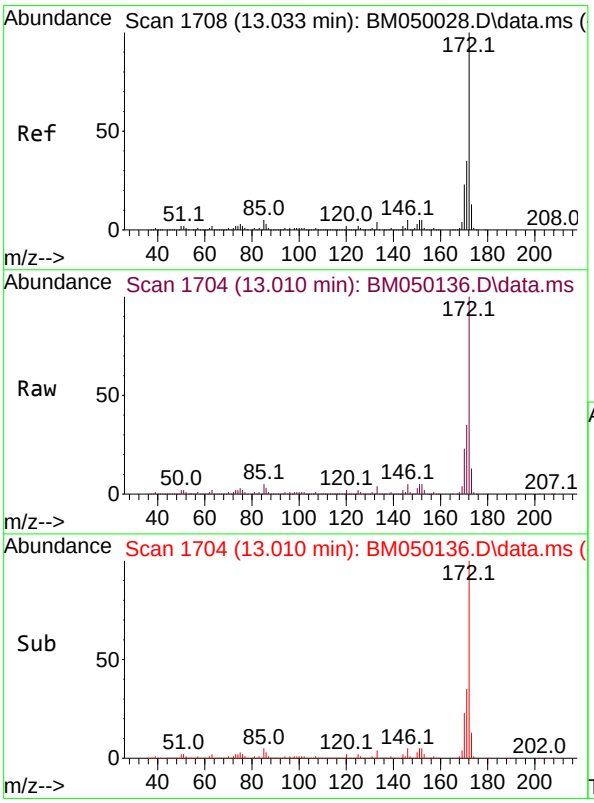
#42
2,4,6-Tribromophenol
Concen: 143.978 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion:330 Resp: 1420562

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	25.8	22.5	33.7

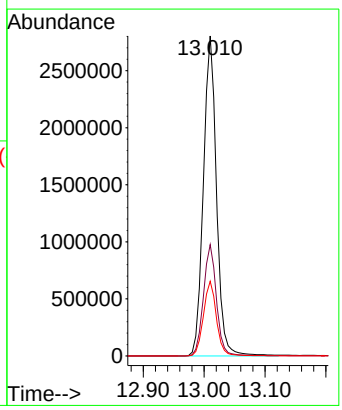


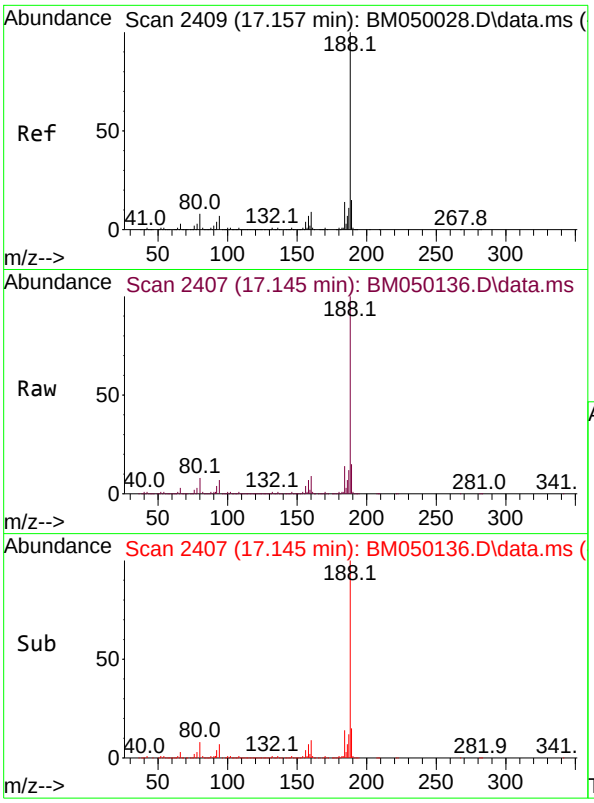


#45
2-Fluorobiphenyl
Concen: 74.415 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:172 Resp: 4197440

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0



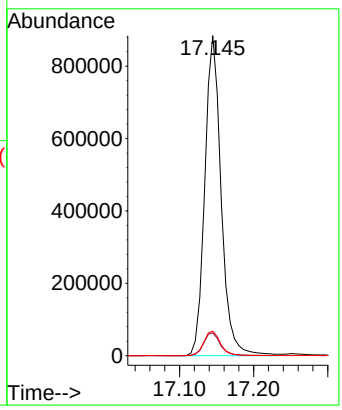


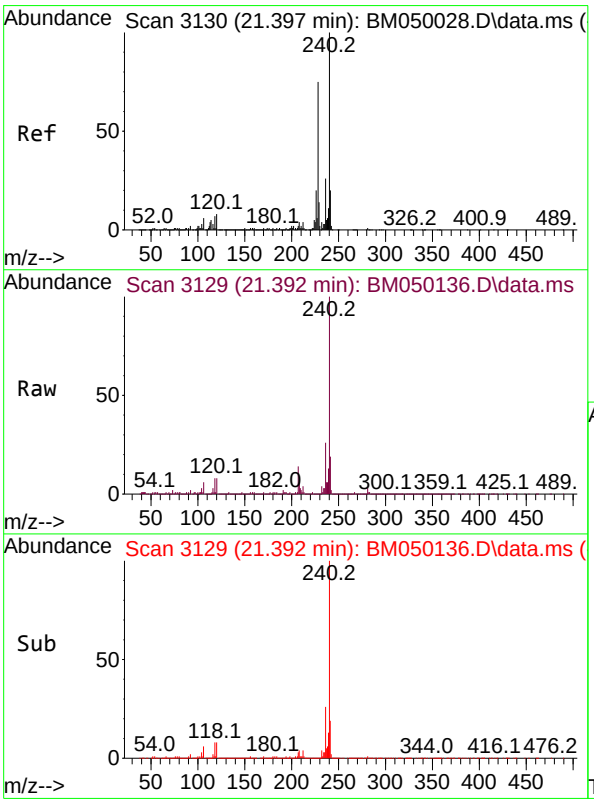
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion:188 Resp: 1355839

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.6	6.2	9.4

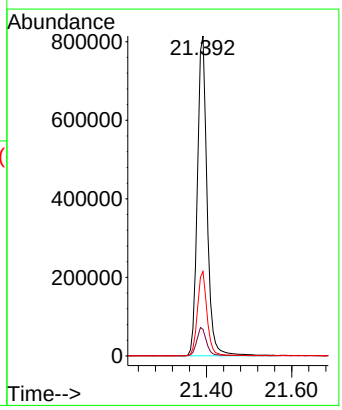


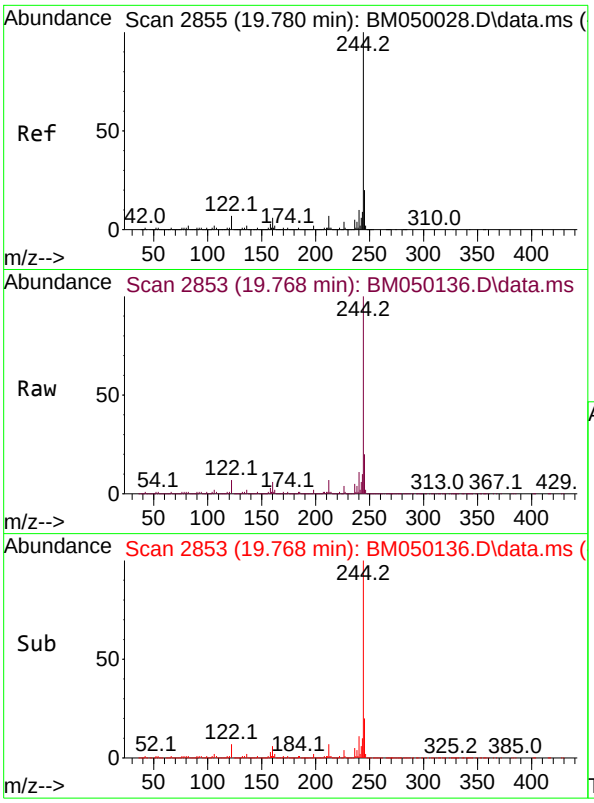


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:240 Resp: 1289767

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	26.4	20.9	31.3



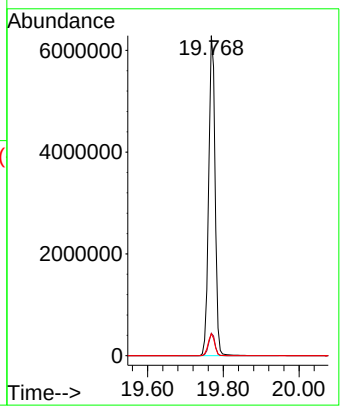


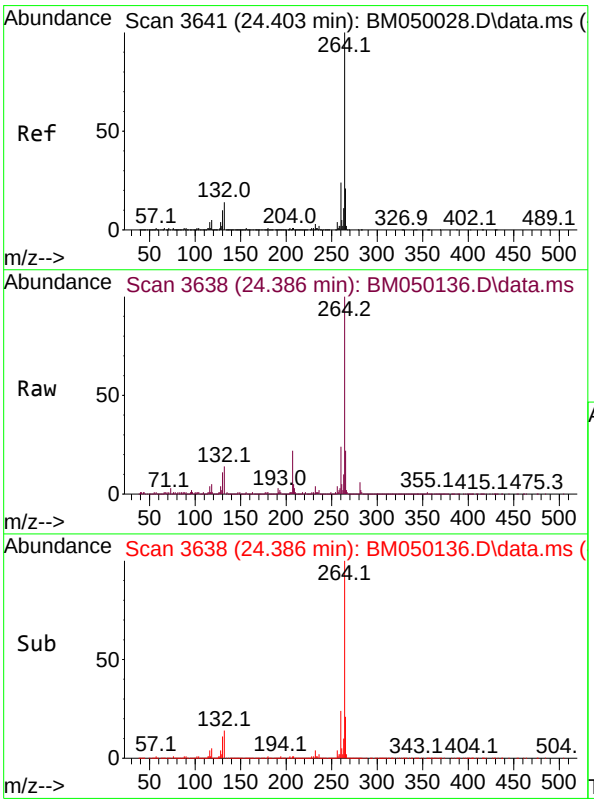
#79
Terphenyl-d14
Concen: 84.298 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Instrument :
BNA_M
ClientSampleId :
FB-05022025

Tgt Ion:244 Resp: 7347594

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.8	5.6	8.4

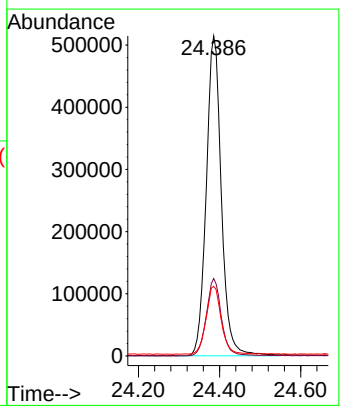




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.386 min Scan# 3638
Delta R.T. -0.018 min
Lab File: BM050136.D
Acq: 07 May 2025 15:44

Tgt Ion:264 Resp: 1323340

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.8	17.0	25.4



Sample Results: **BM050136.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

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

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

Signal : TIC: BM050136.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.863	314	319	330	rVB	139956	223827	1.23%	0.335%
2	5.340	394	400	415	rBV	1886001	3052470	16.83%	4.573%
3	6.940	666	672	700	rVB	887821	1851864	10.21%	2.775%
4	7.745	801	809	818	rBV	861181	1462090	8.06%	2.191%
5	8.904	997	1006	1031	rBV	2437292	4465909	24.62%	6.691%
6	10.539	1276	1284	1308	rBV	998564	1952631	10.76%	2.926%
7	13.010	1697	1704	1723	rBV	7323589	11098393	61.18%	16.628%
8	14.392	1932	1939	1957	rBV	1691746	2713989	14.96%	4.066%
9	15.757	2165	2171	2178	rBV	180375	289846	1.60%	0.434%
10	15.892	2187	2194	2220	rBV	5988473	9397565	51.81%	14.080%
11	17.145	2400	2407	2419	rBV2	2027075	3149833	17.36%	4.719%
12	17.757	2506	2511	2516	rBV	147749	200021	1.10%	0.300%
13	18.039	2554	2559	2568	rBV2	230384	443070	2.44%	0.664%
14	19.321	2773	2777	2785	rBV2	93285	184927	1.02%	0.277%
15	19.456	2796	2800	2809	rVB	1073932	1250465	6.89%	1.874%
16	19.768	2848	2853	2863	rBV	15516451	18139685	100.00%	27.178%
17	21.392	3123	3129	3142	rBV	2100023	3309982	18.25%	4.959%
18	22.027	3234	3237	3244	rVB3	172902	244119	1.35%	0.366%
19	24.386	3631	3638	3651	rVB	1320263	3313432	18.27%	4.964%

Sum of corrected areas: 66744118

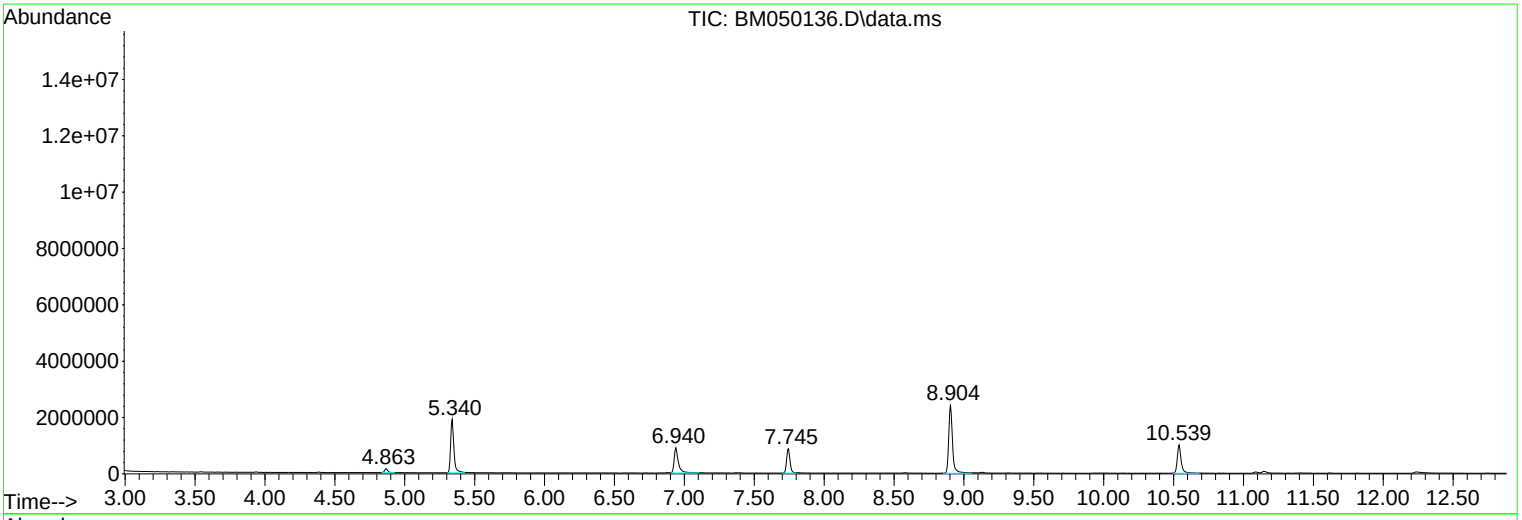
Sample Results: **BM050136.D**

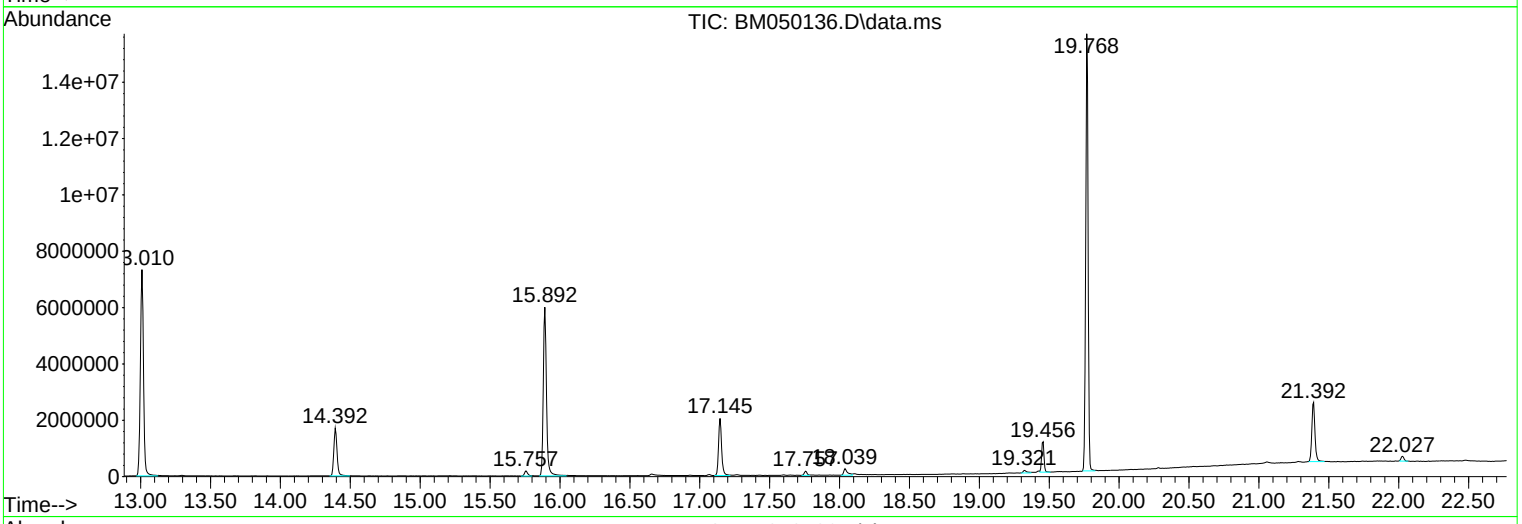
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

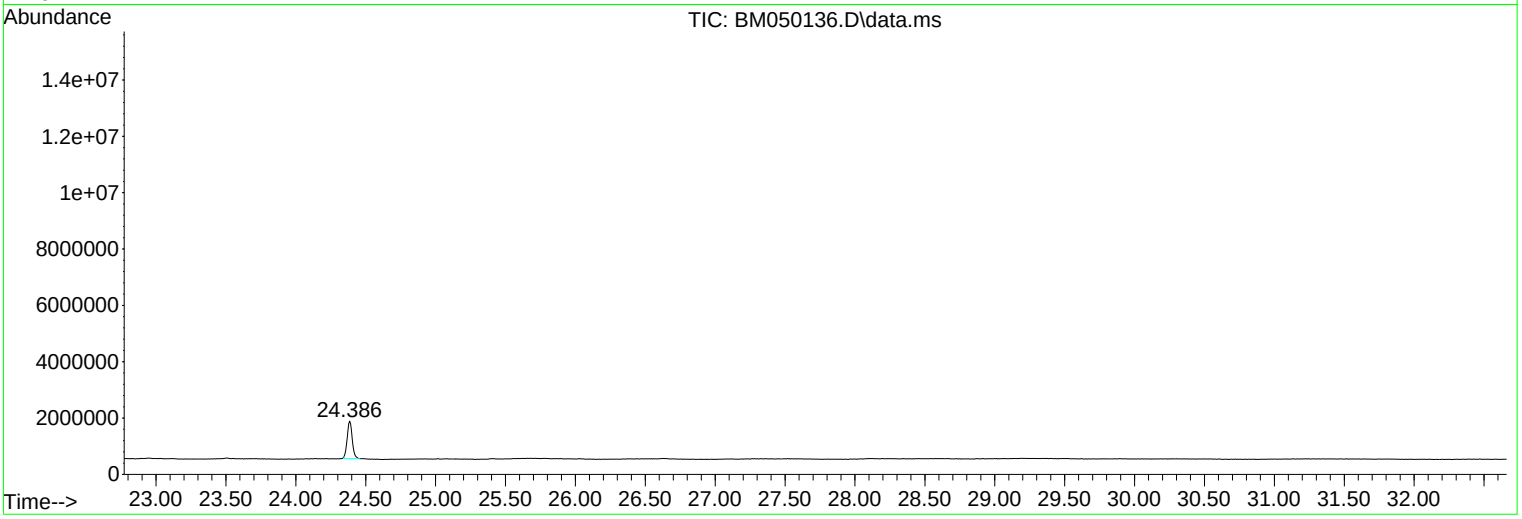
Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

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







Sample Results: **BM050136.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

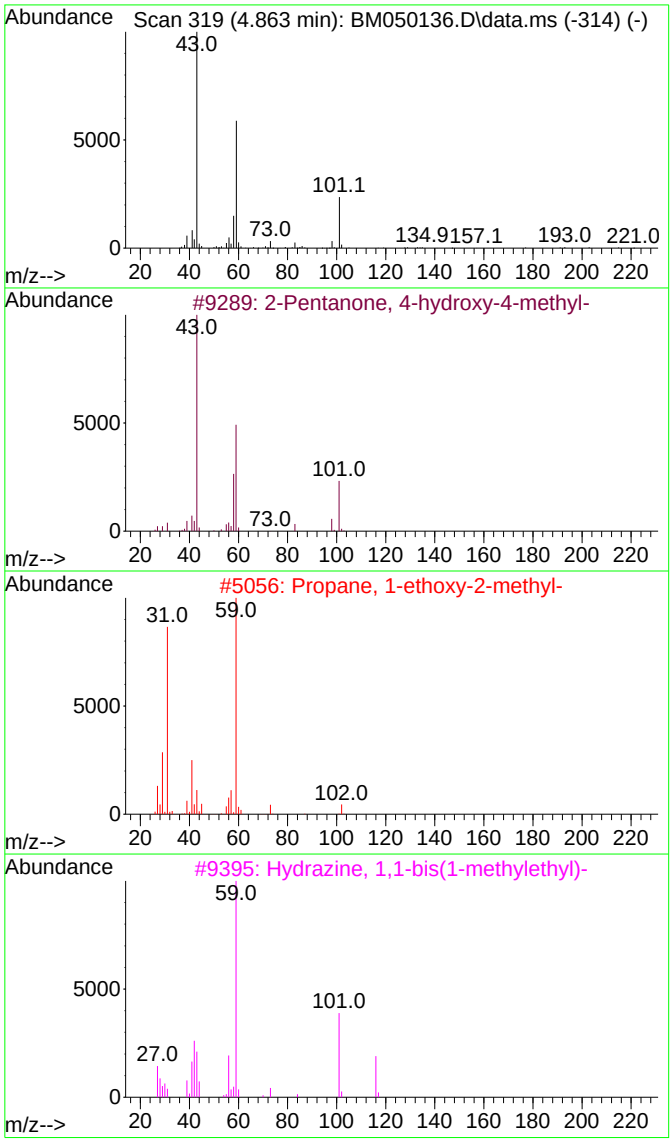
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

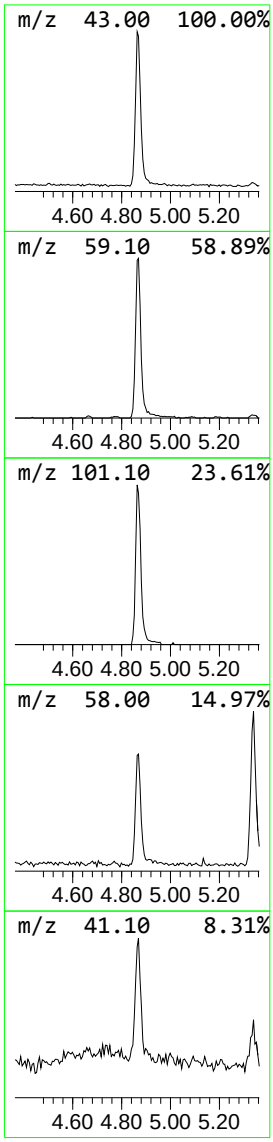
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.863	3.06 ng	223827	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

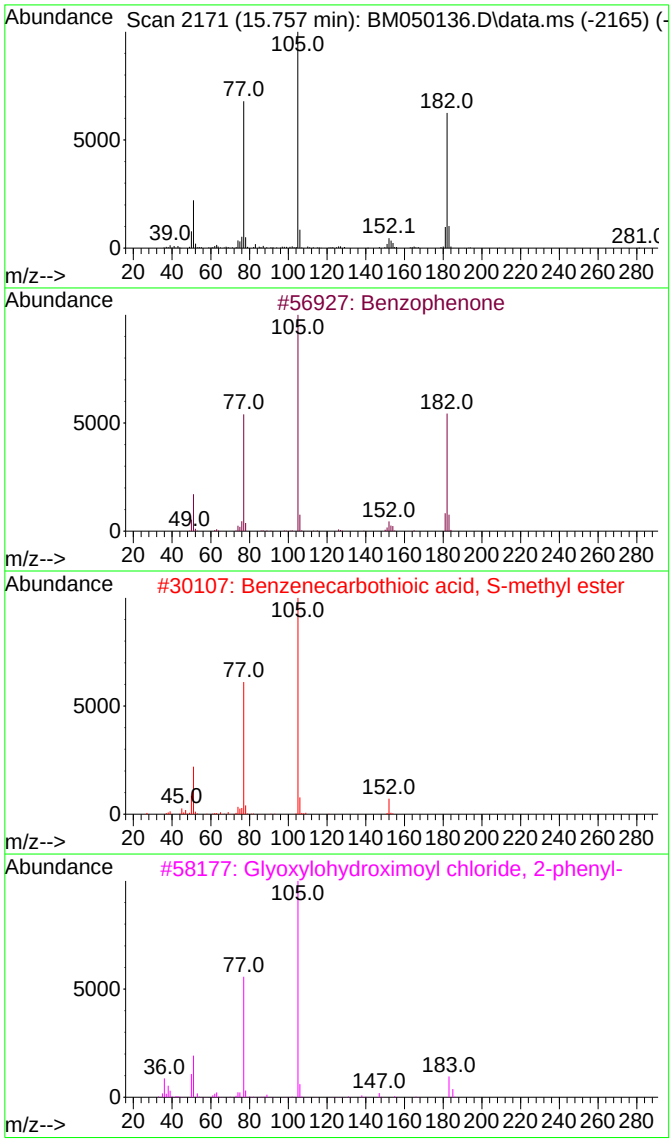
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

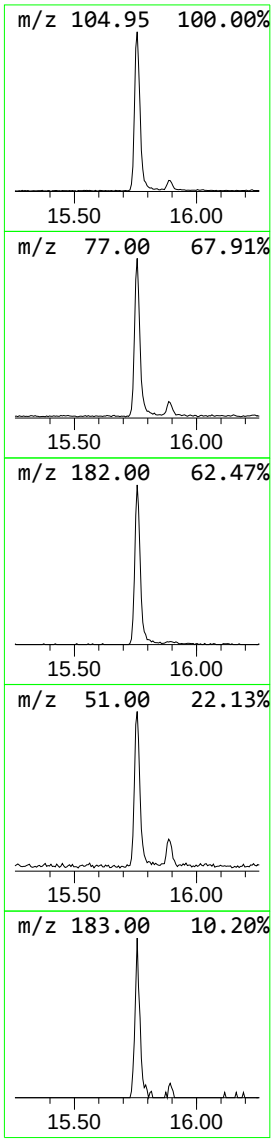
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Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	2.14 ng	289846	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

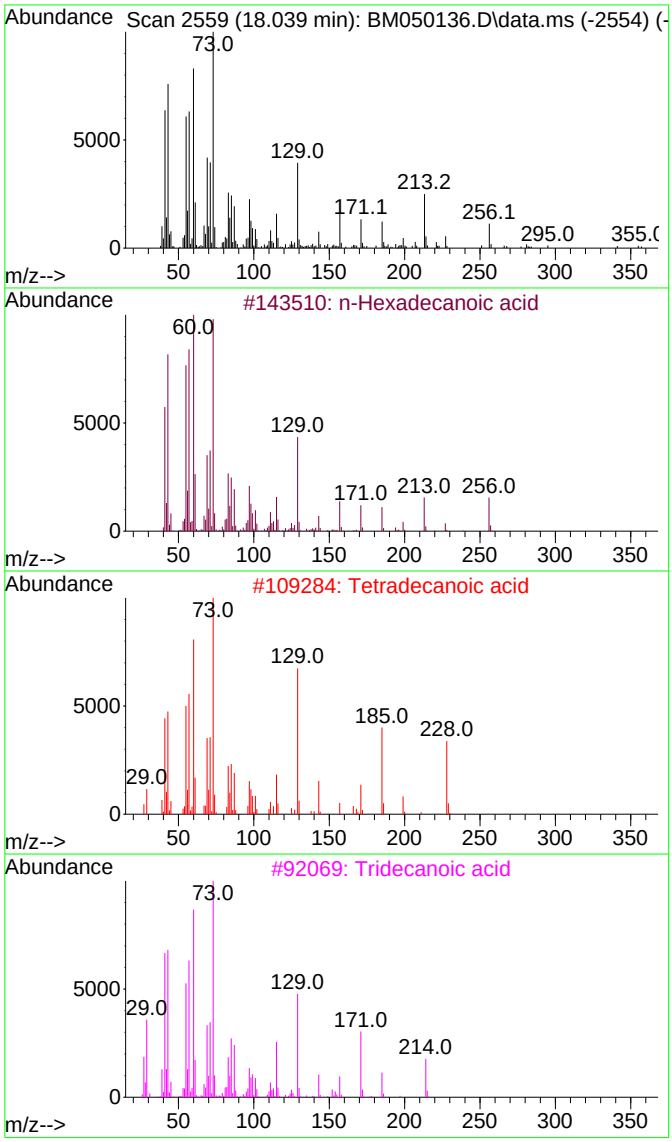
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

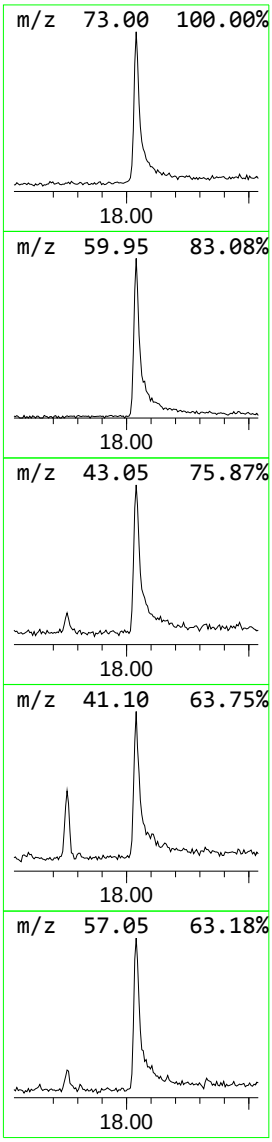
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	2.81 ng	443070	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

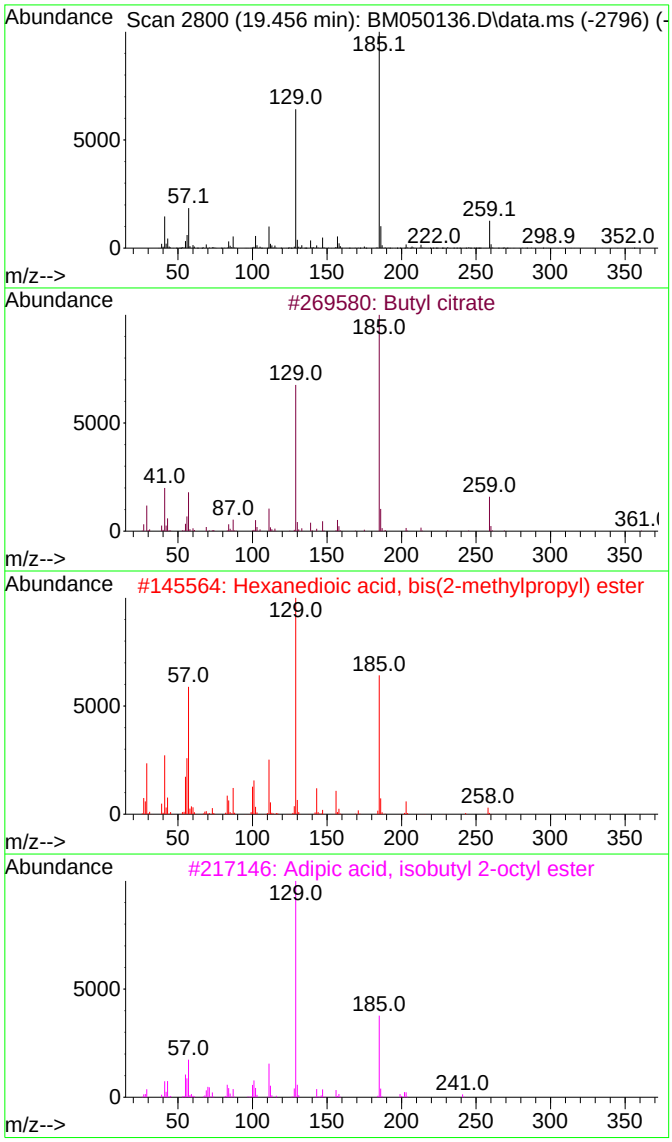
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TIC Integration Parameters: LSCINT.P

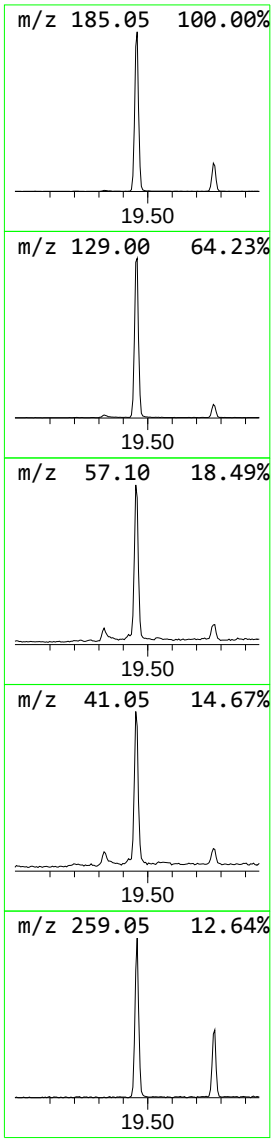
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Peak Number 4 Butyl citrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	7.56 ng	1250470	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	94
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	56
3	Adipic acid, isobutyl 2-octyl ester	314	C18H34O4	1000324-44-5	56
4	Adipic acid, 3,3-dimethylbut-2-y...	286	C16H30O4	1000353-66-7	56
5	Adipic acid, isobutyl 2-methylpe...	286	C16H30O4	1000353-55-7	56





Sample Results: **BM050136.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050136.D
Acq On : 07 May 2025 15:44
Operator : RC/JU
Sample : Q1956-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-05022025

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.863	3.1	ng	223827	1	7.745	1462090	20.0
Benzophenone	15.757	2.1	ng	289846	3	14.392	2713990	20.0
n-Hexadecanoic ...	18.039	2.8	ng	443070	4	17.145	3149830	20.0
Butyl citrate	19.456	7.6	ng	1250470	5	21.392	3309980	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

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

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

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

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

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025
Response Via : Initial Calibration

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

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

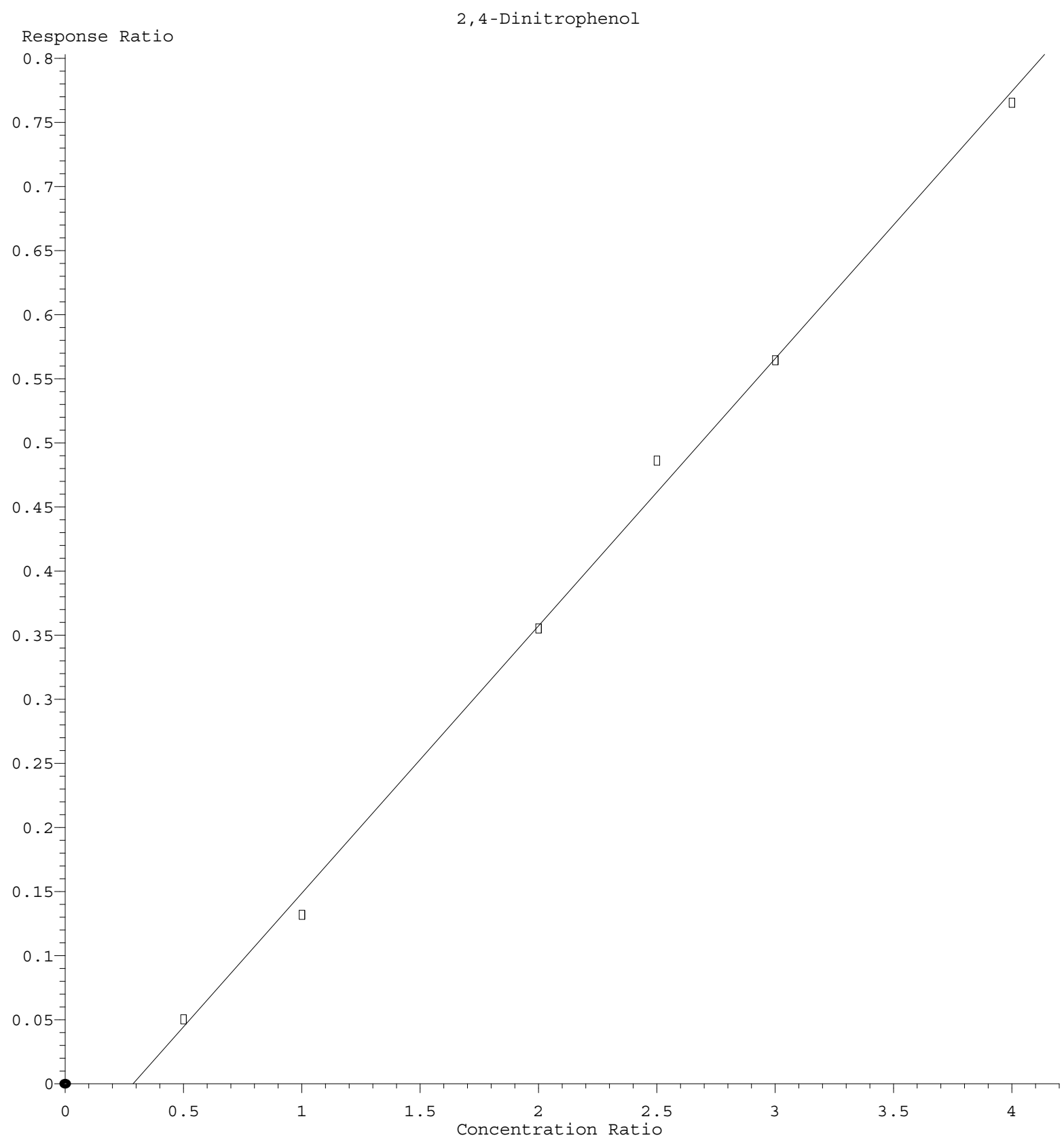
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

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

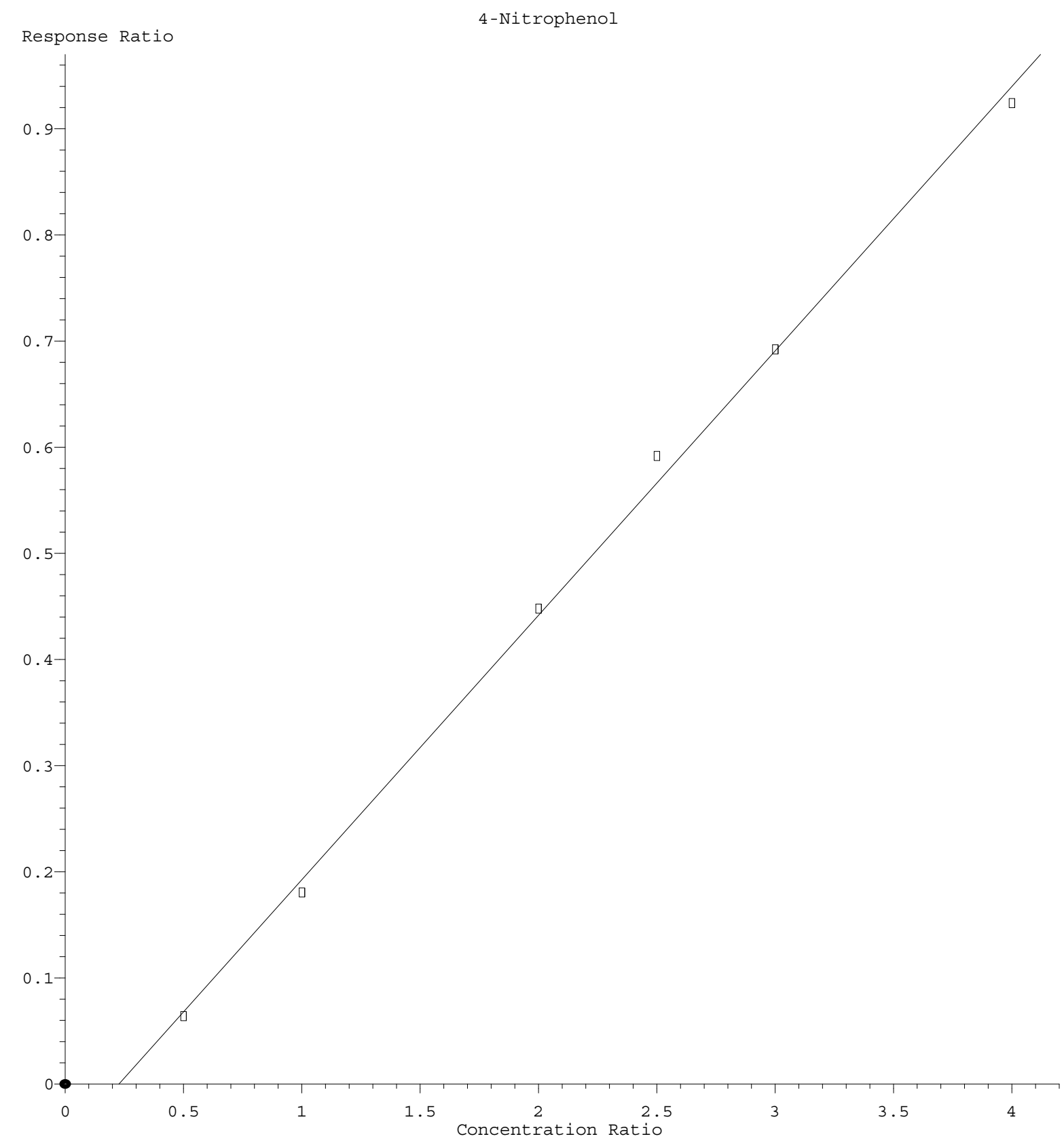
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM042825.M

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

(#) = Out of Range



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



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

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241974	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	868675	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	604723	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1218544	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1187007	20.000	ng	0.00
86) Perylene-d12	24.409	264	1217038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.581	70	24247	2.177	ng	96

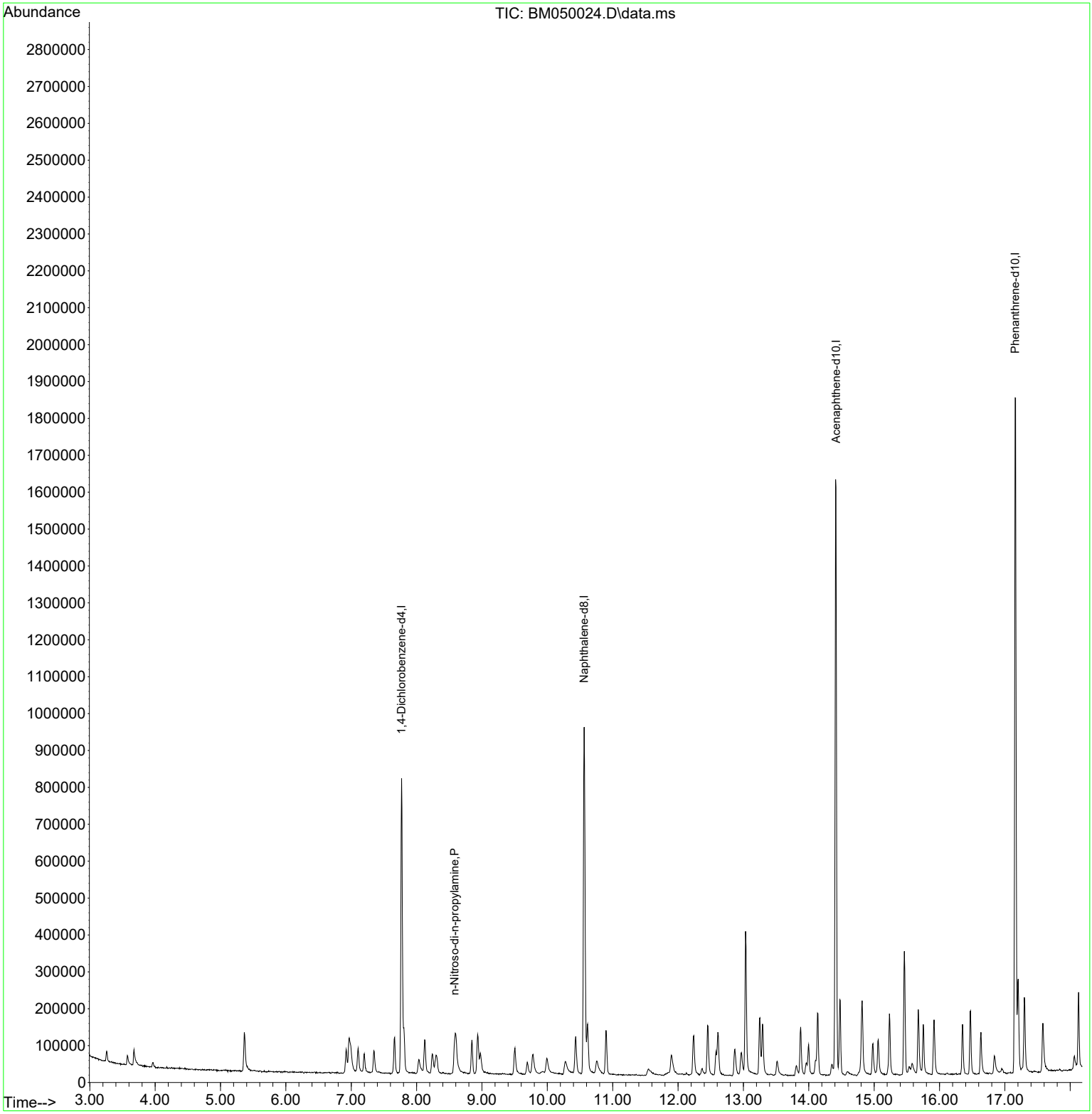
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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

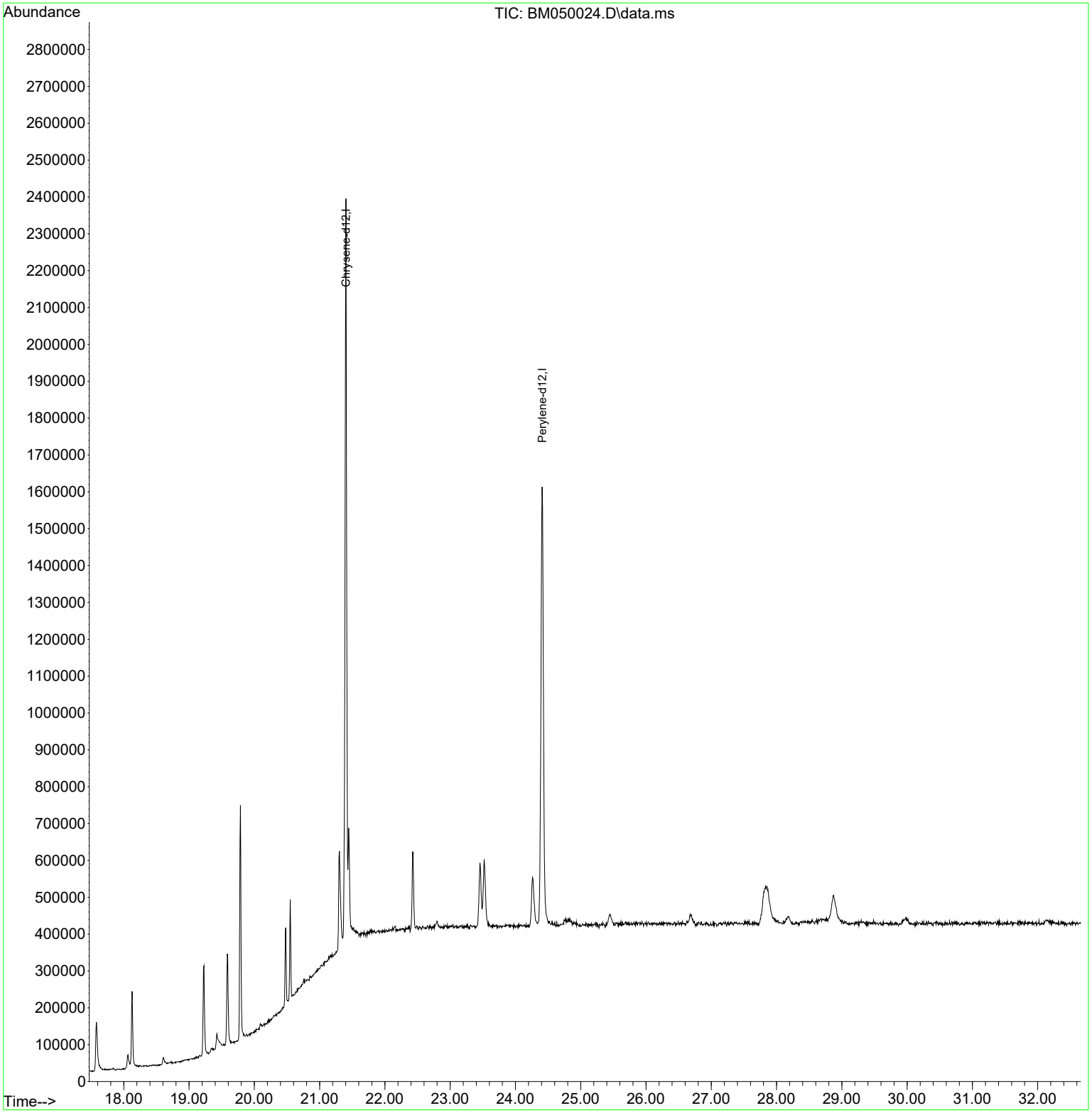


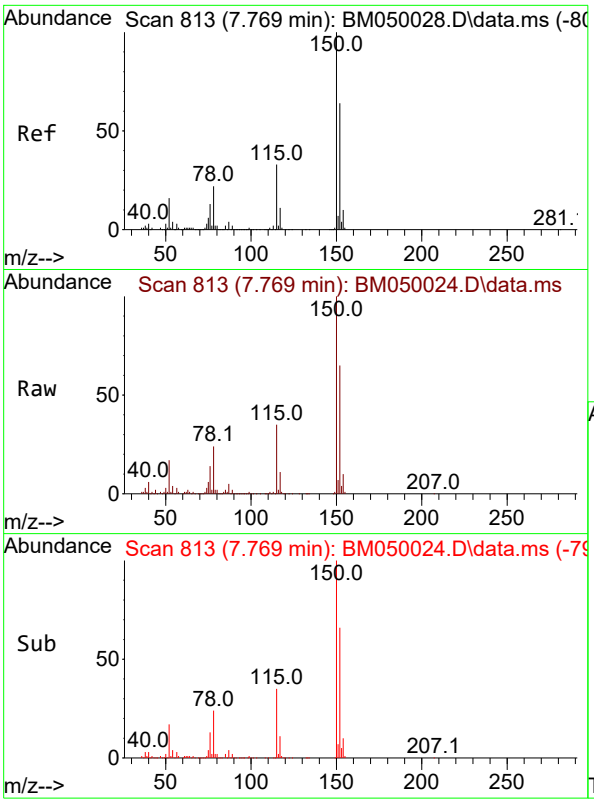
ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

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



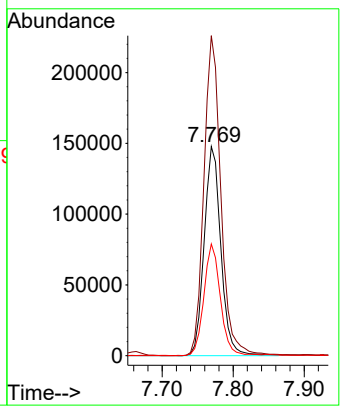


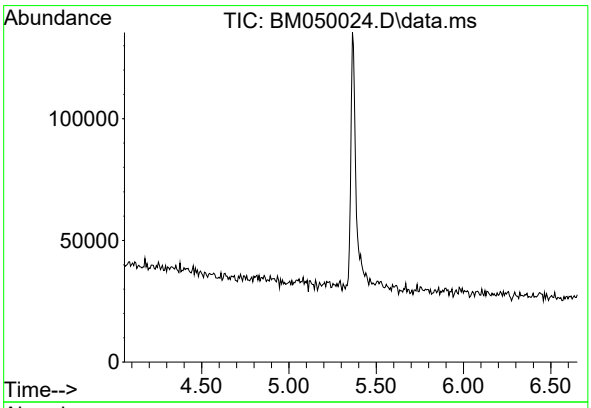
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 241974

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



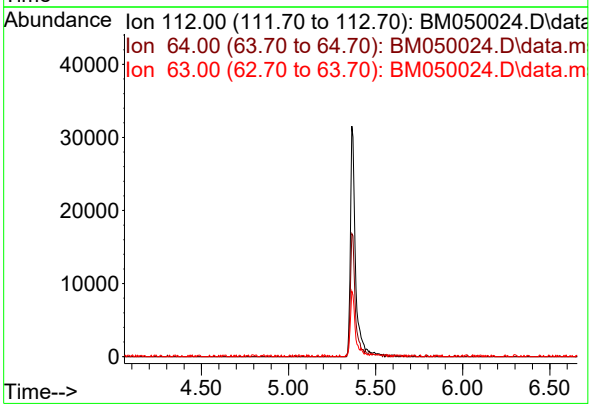


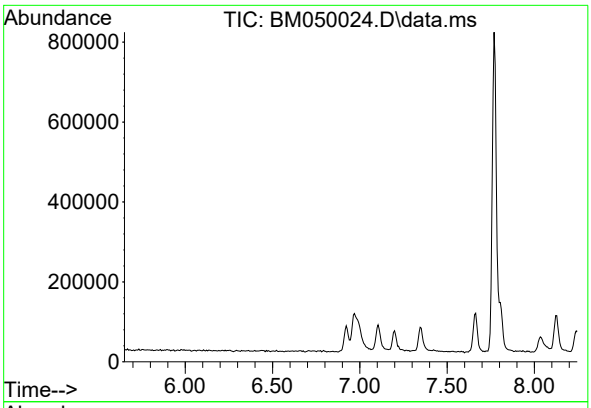
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.36 min

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

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	53.3
63	27.8





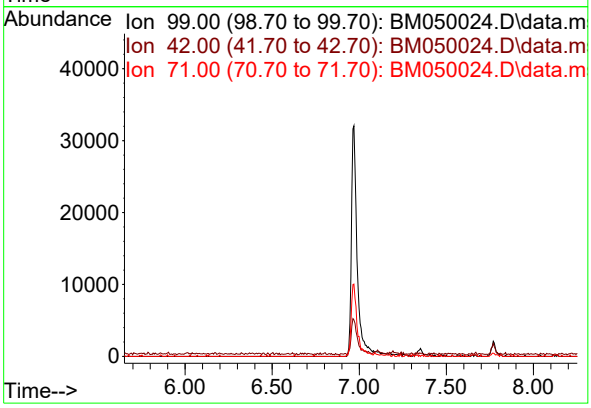
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

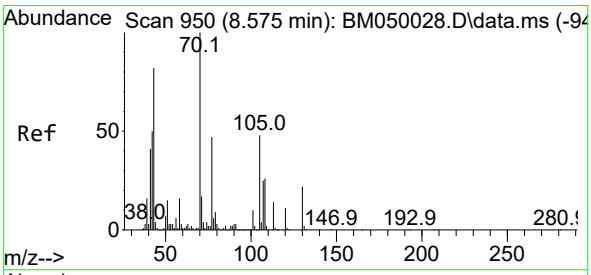
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

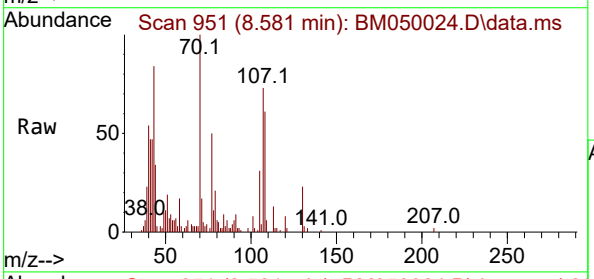
Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

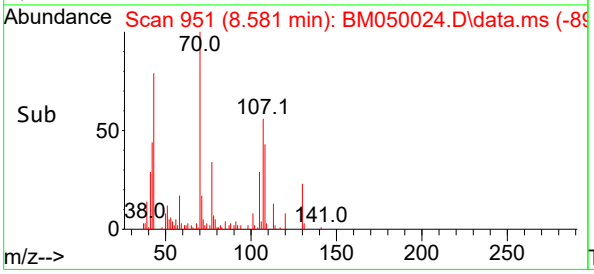
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	16.2
71	32.0





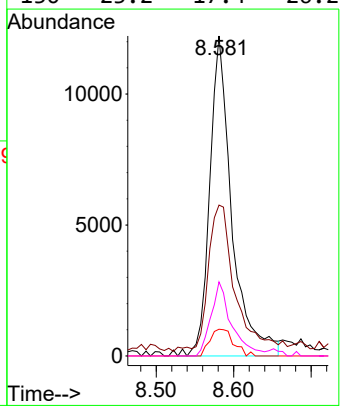


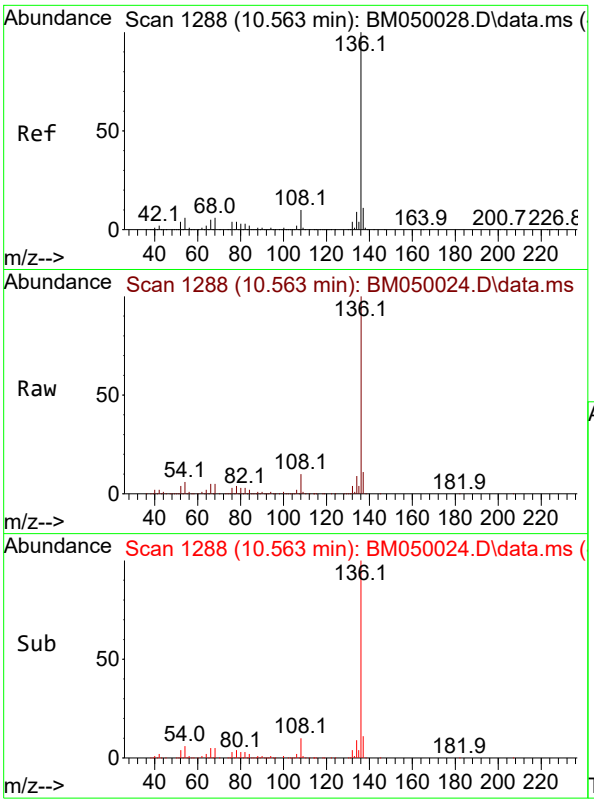


#19
n-Nitroso-di-n-propylamine
Concen: 2.177 ng
RT: 8.581 min Scan# 951
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion: 70 Resp: 24247

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



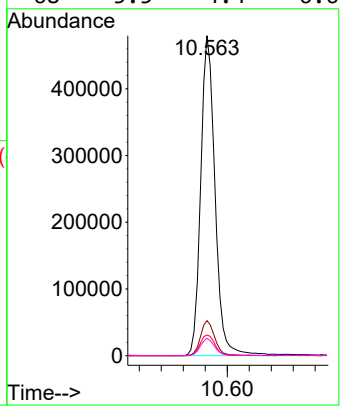


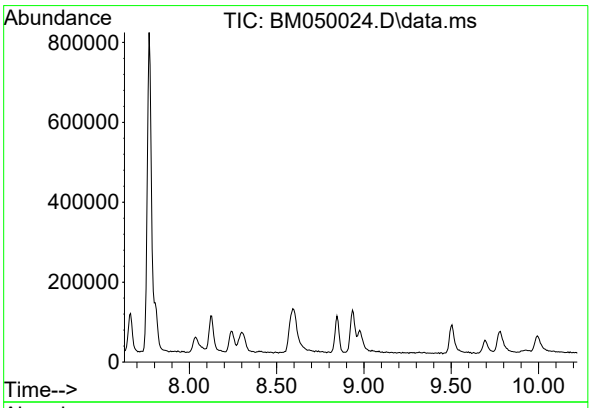
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 868675

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



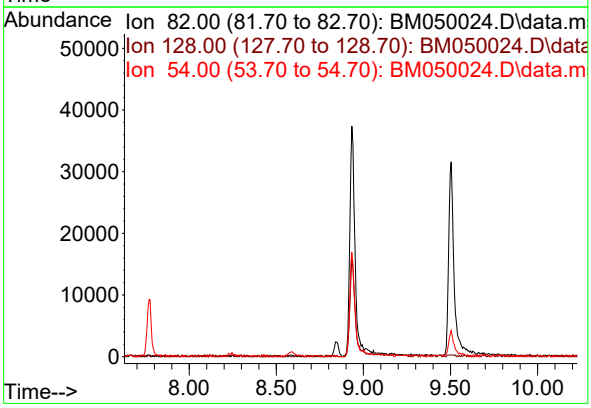


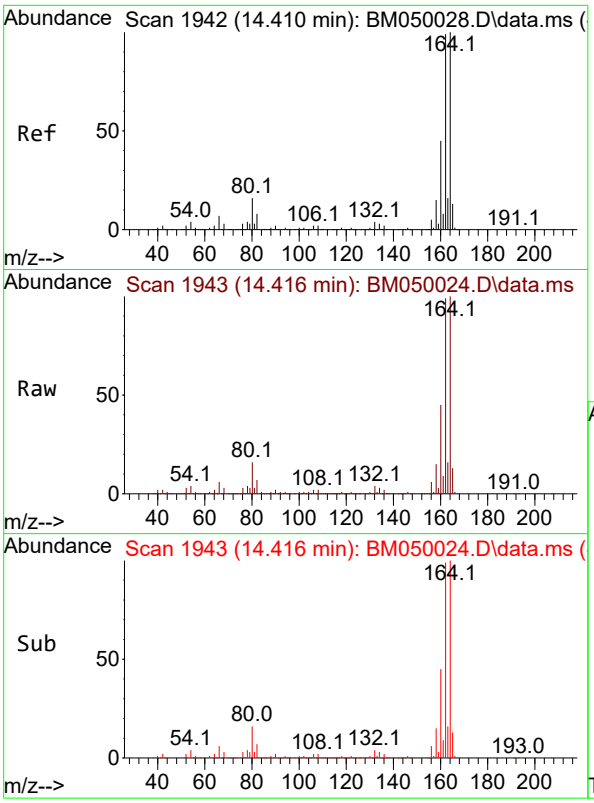
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.93 min

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

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.6
54	44.3



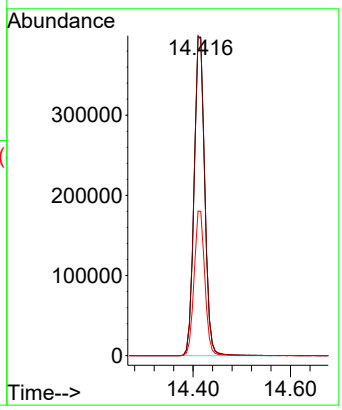


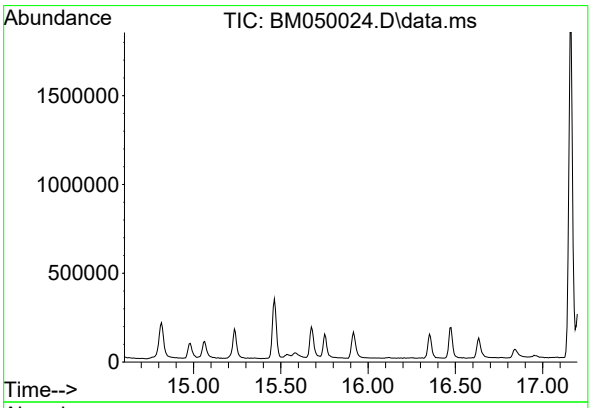
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 604723

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



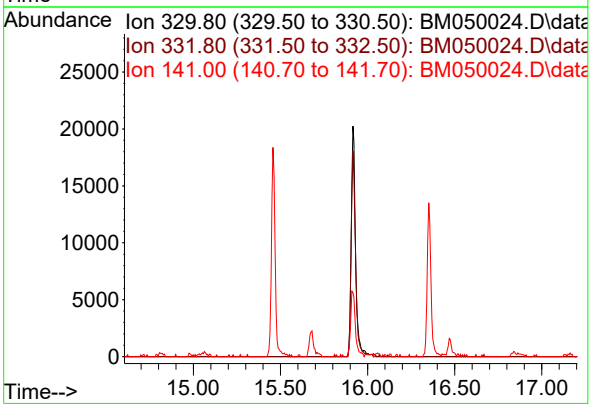


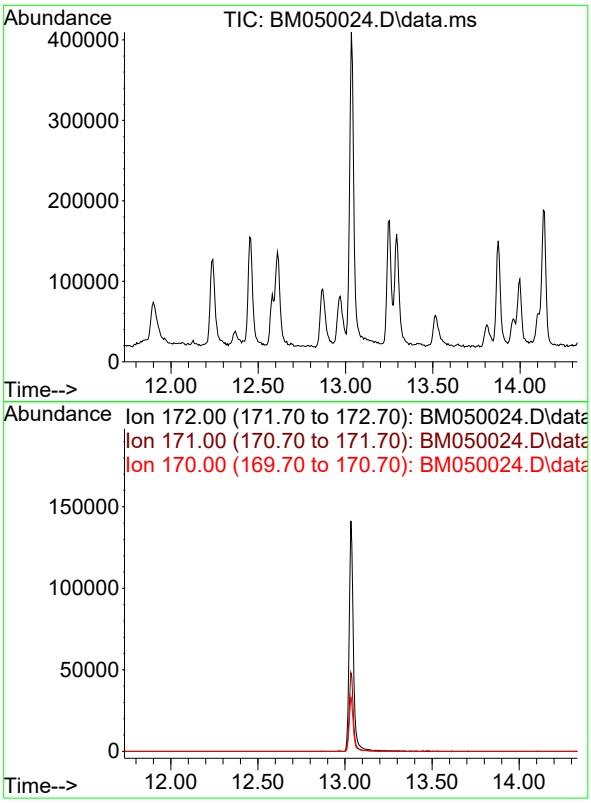
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.90 min

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

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.6
141	28.1





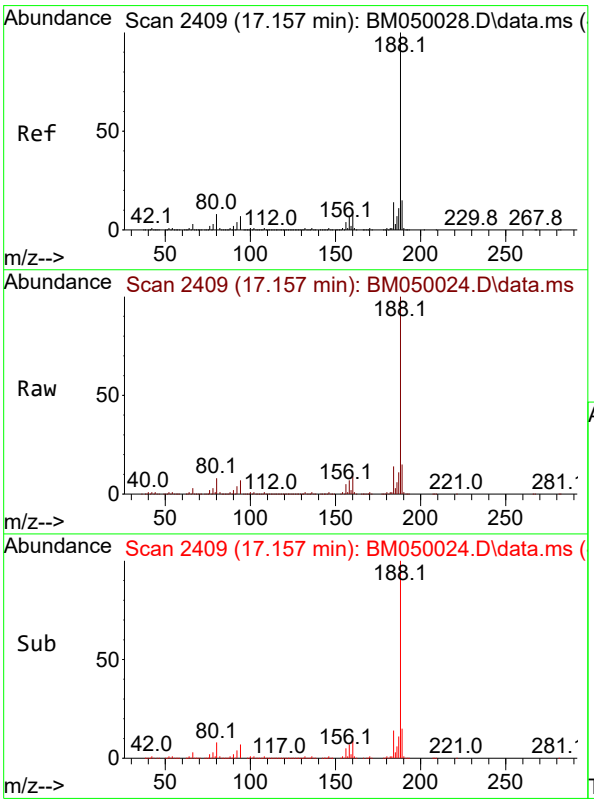
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.03 min

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

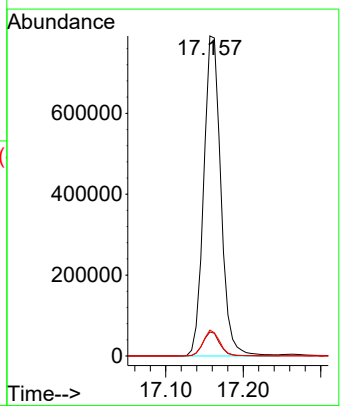
Sig	Exp Ratio
172	100
171	34.7
170	23.3

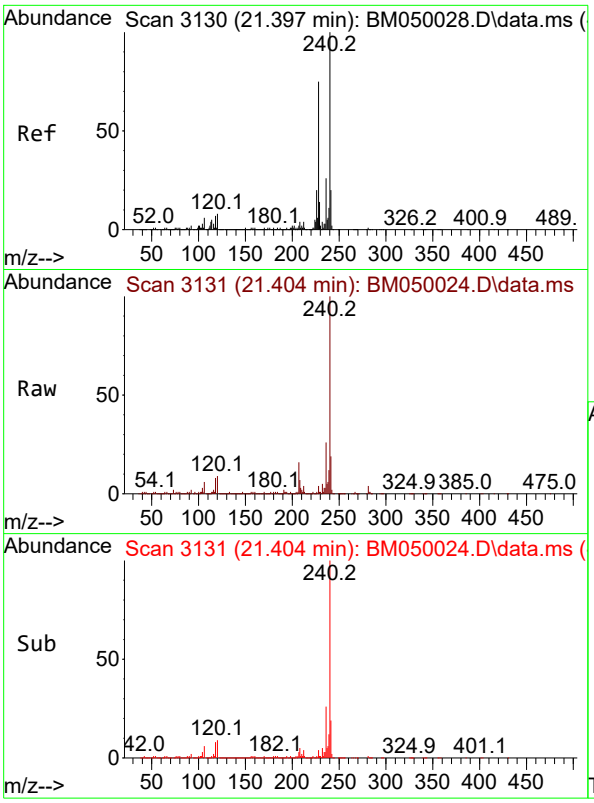


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Tgt Ion:188 Resp: 1218544

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



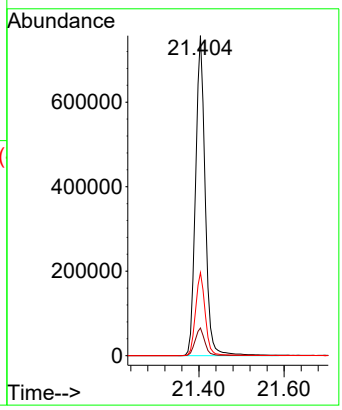


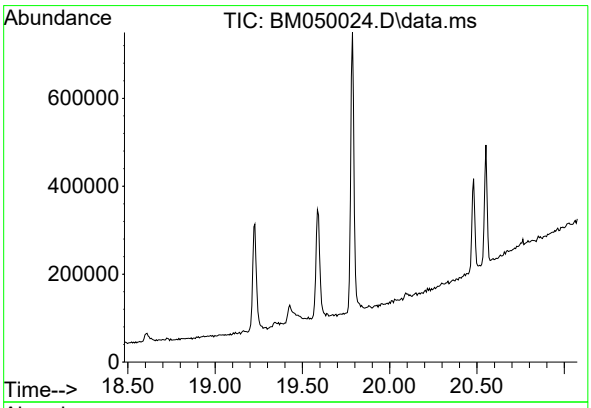
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3
Delta R.T. 0.007 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1187007

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



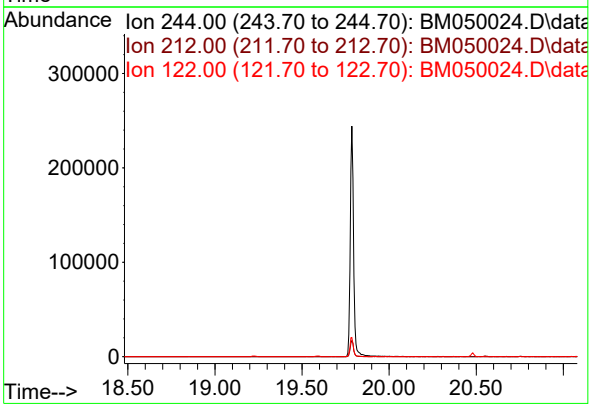


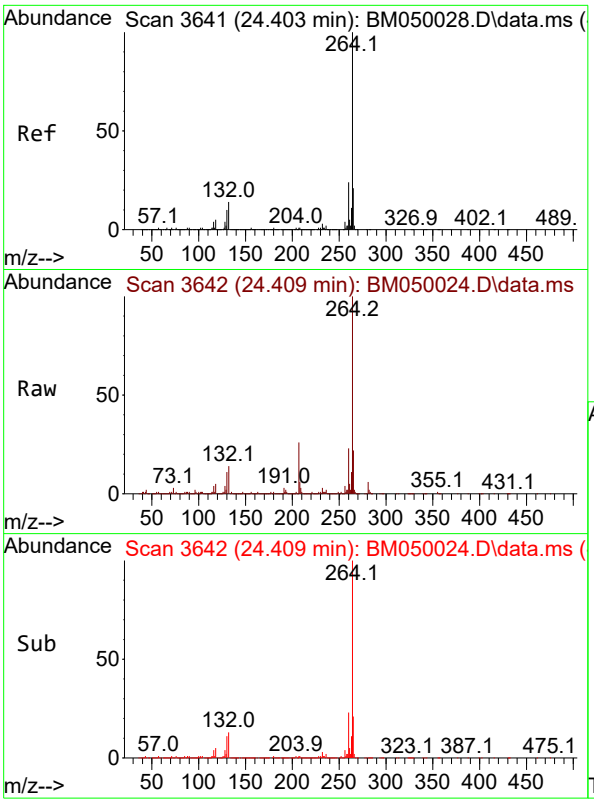
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.78 min

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

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	7.0



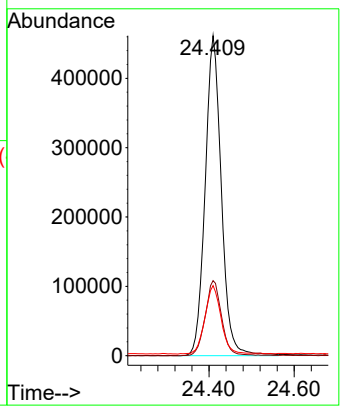


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.409 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM050024.D
Acq: 28 Apr 2025 12:30

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1217038

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



Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

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

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

ICAL Form

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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

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

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

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

ICAL Form

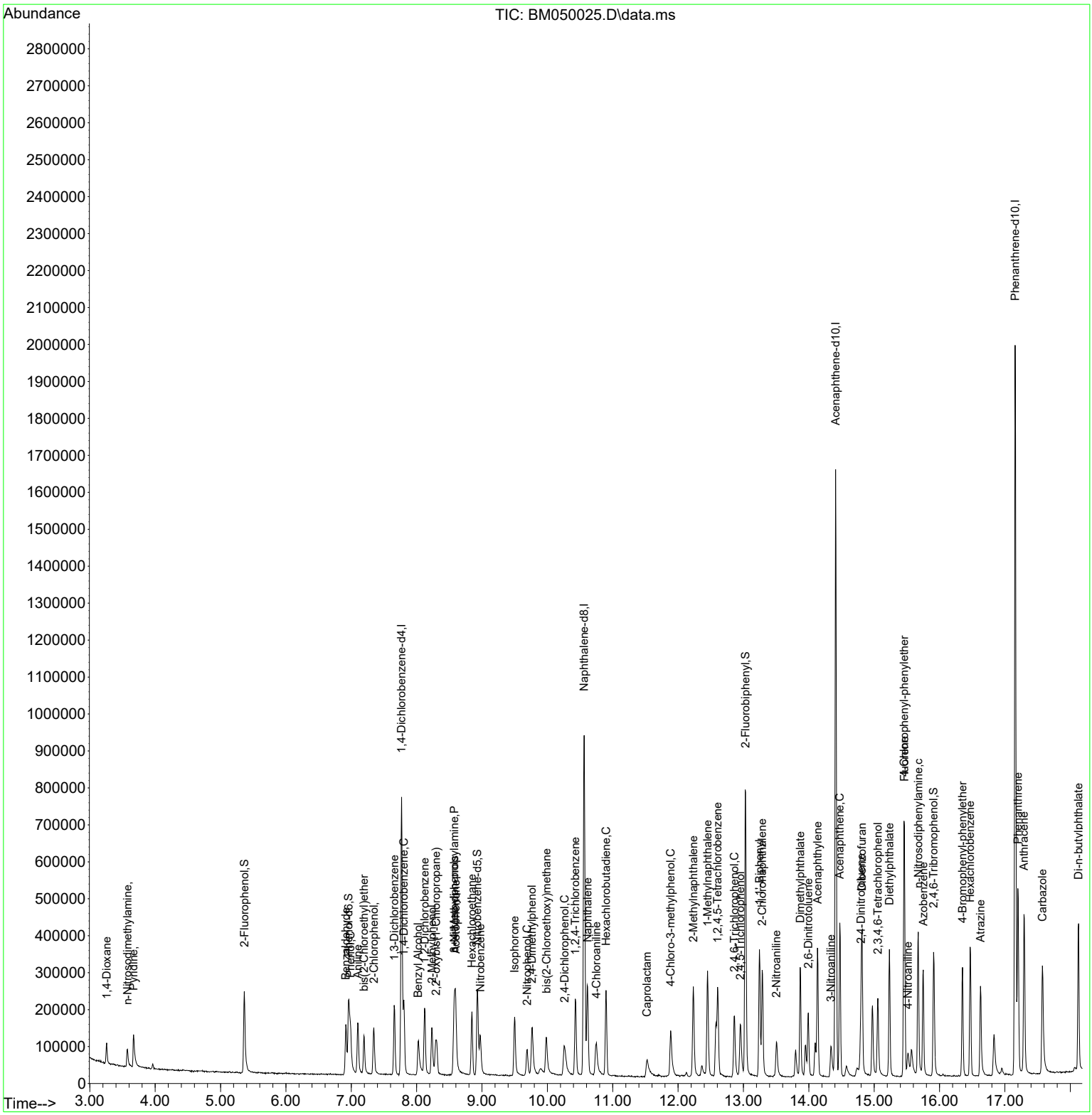
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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



ICAL Form

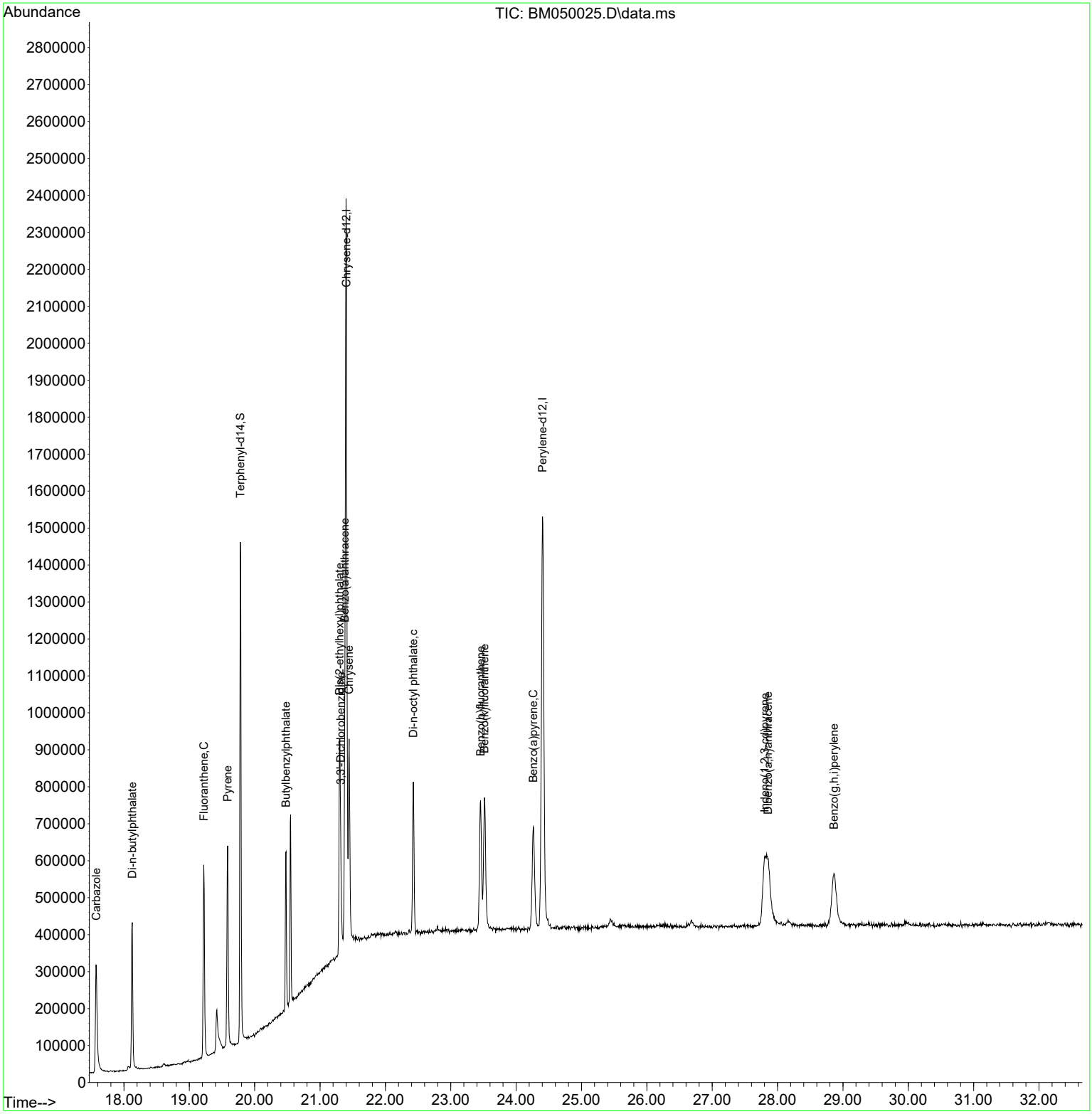
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Data File : BM050025.D
Acq On : 28 Apr 2025 13:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

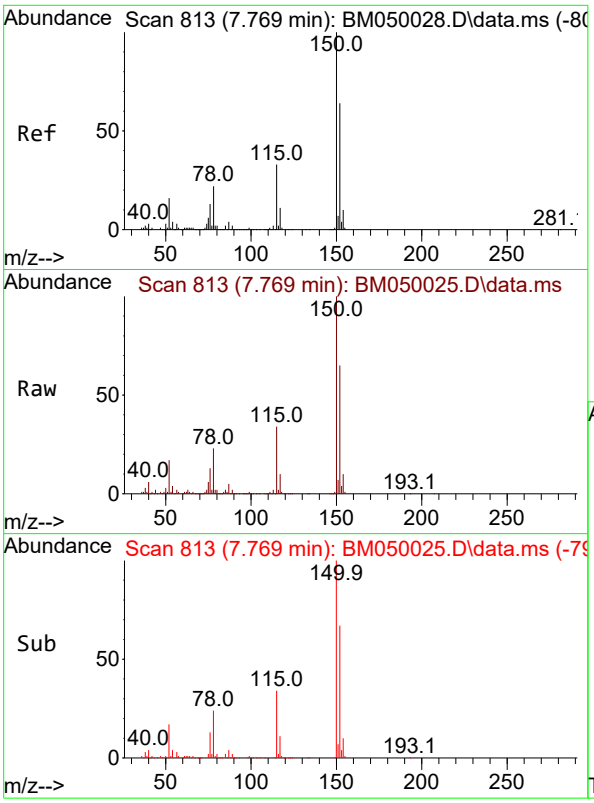
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
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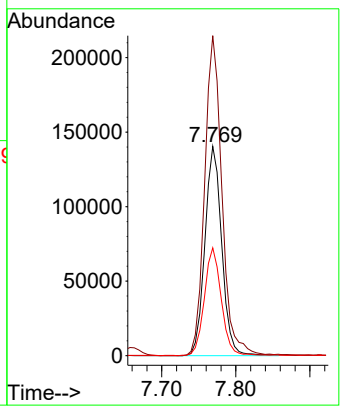




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 22242

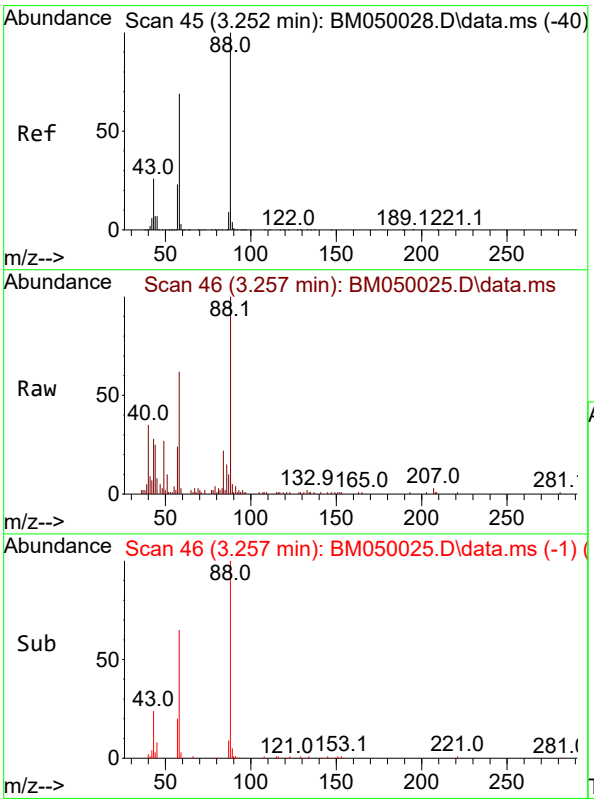
Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.1	186.1
115	51.5	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

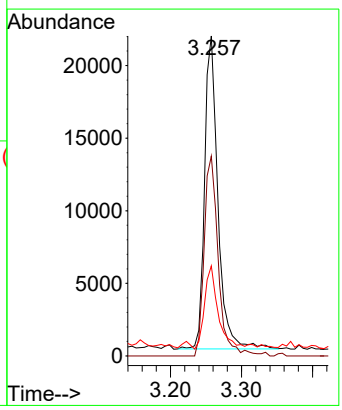
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

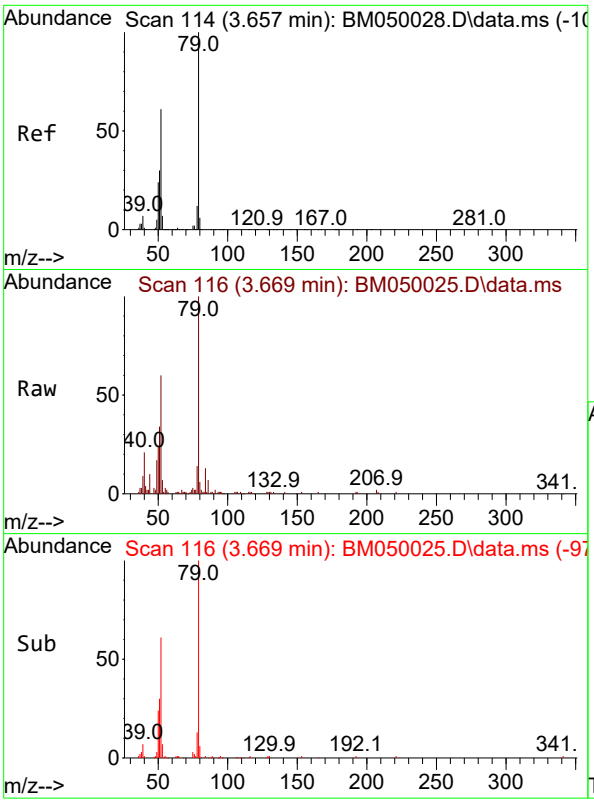


#2
1,4-Dioxane
Concen: 5.171 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 88 Resp: 28163

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

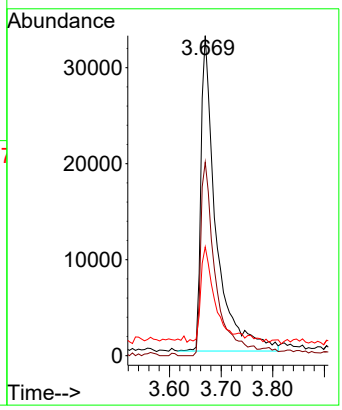




#3
Pyridine
Concen: 4.771 ng
RT: 3.669 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 79 Resp: 6676

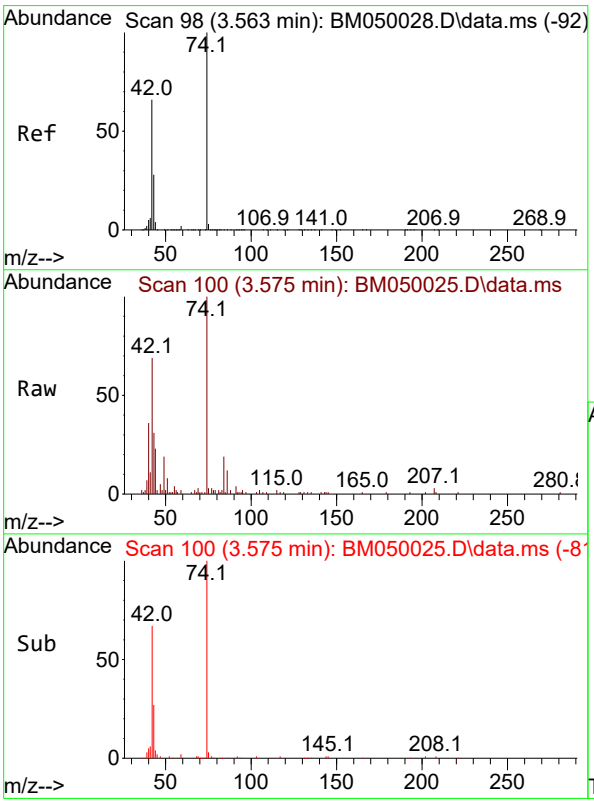
Ion	Ratio	Lower	Upper
79	100		
52	60.5	48.6	72.8
51	34.0	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

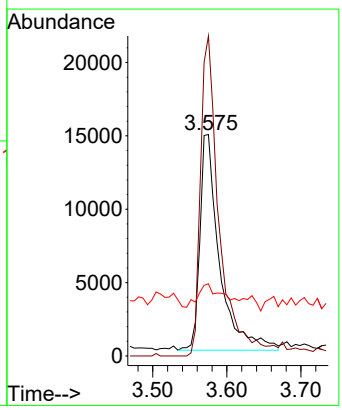
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

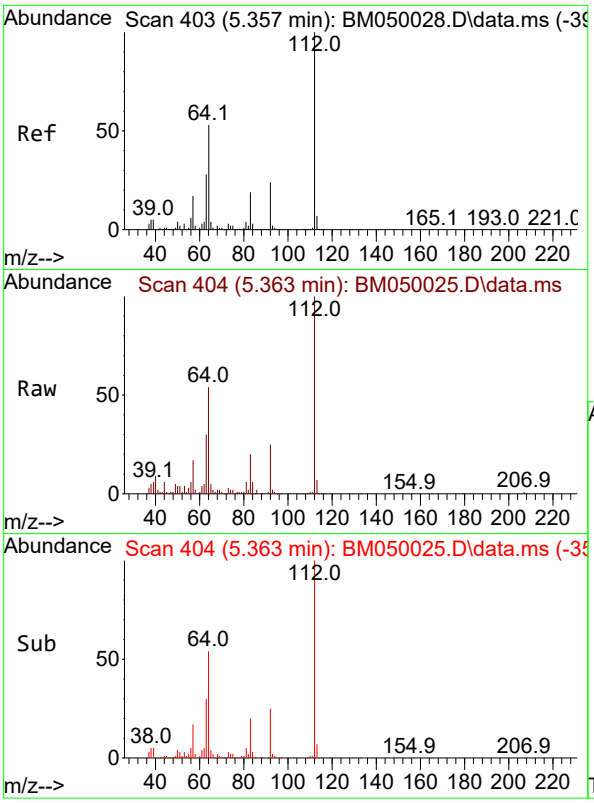


#4
n-Nitrosodimethylamine
Concen: 4.930 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 42 Resp: 27060

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

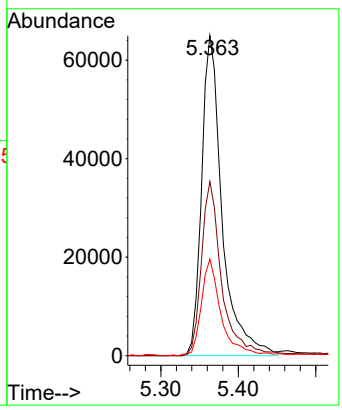




#5
2-Fluorophenol
Concen: 9.406 ng
RT: 5.363 min Scan# 40
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:112 Resp: 11947

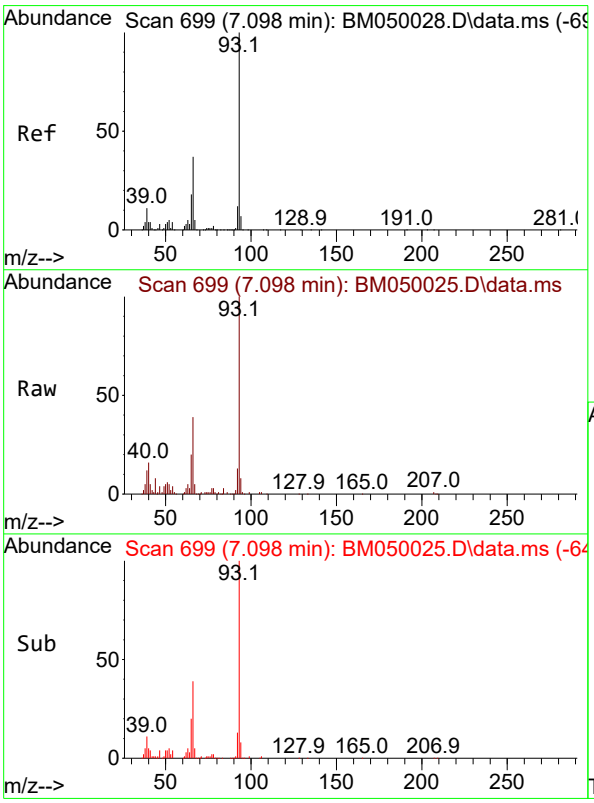
Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.6	64.0
63	30.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

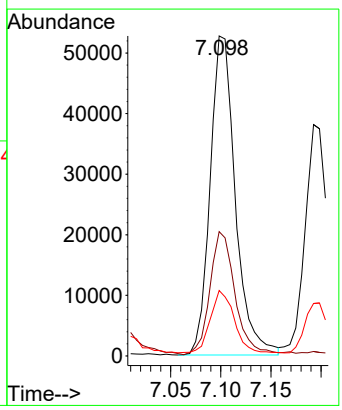
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

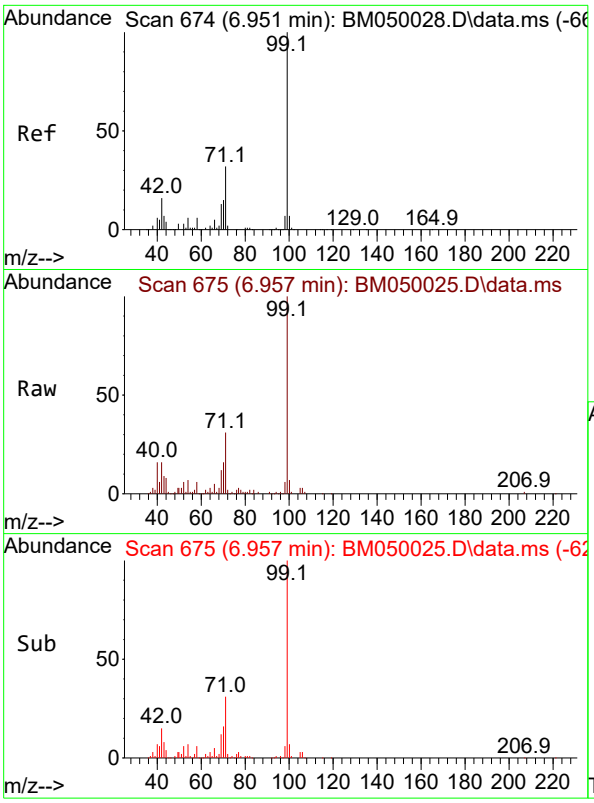


#6
Aniline
Concen: 4.570 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 92126

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

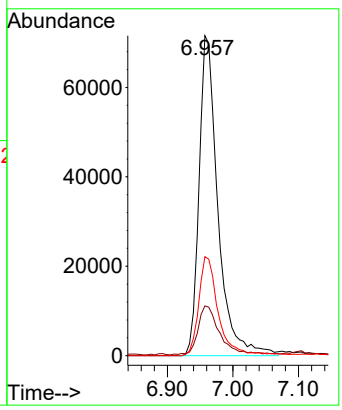




#7
Phenol-d6
Concen: 8.985 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 99 Resp: 14345

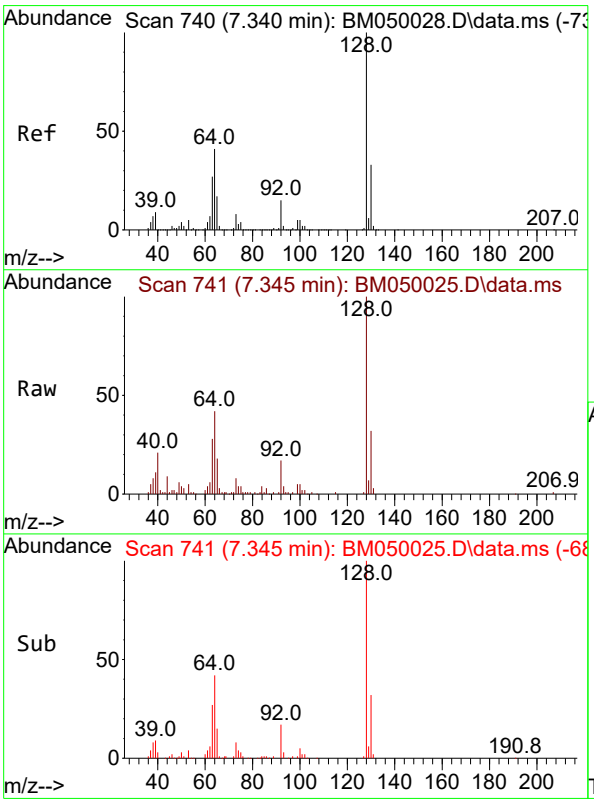
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	30.9	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

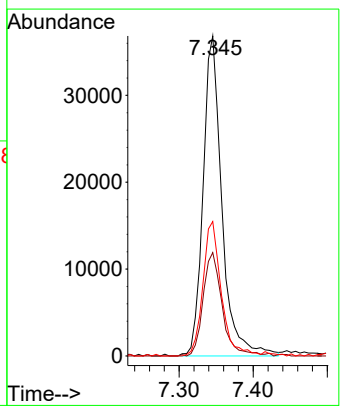
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

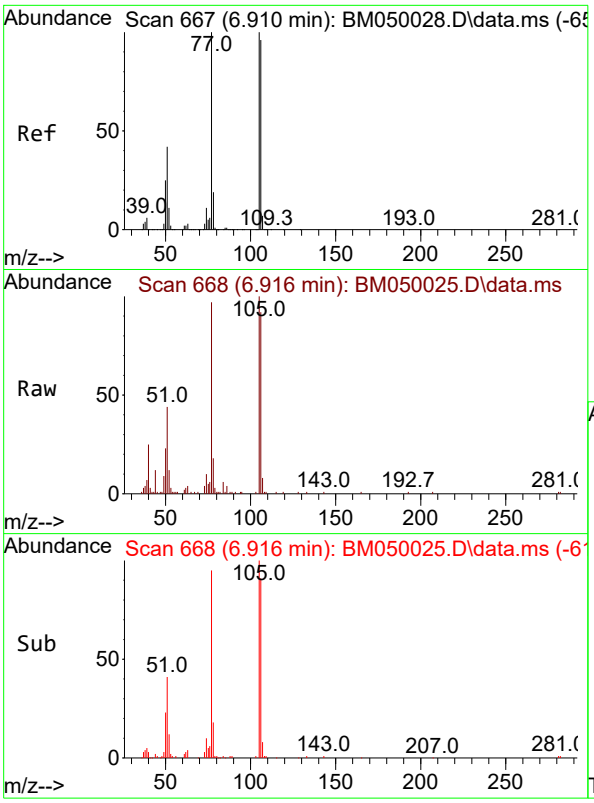


#8
2-Chlorophenol
Concen: 4.733 ng
RT: 7.345 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 64999

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

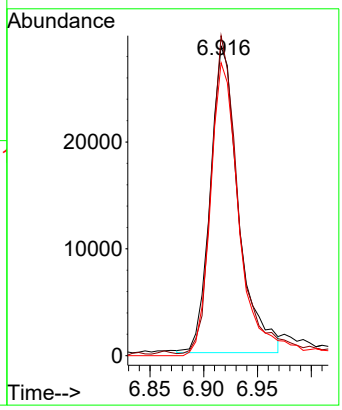




#9
Benzaldehyde
Concen: 4.900 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 5228

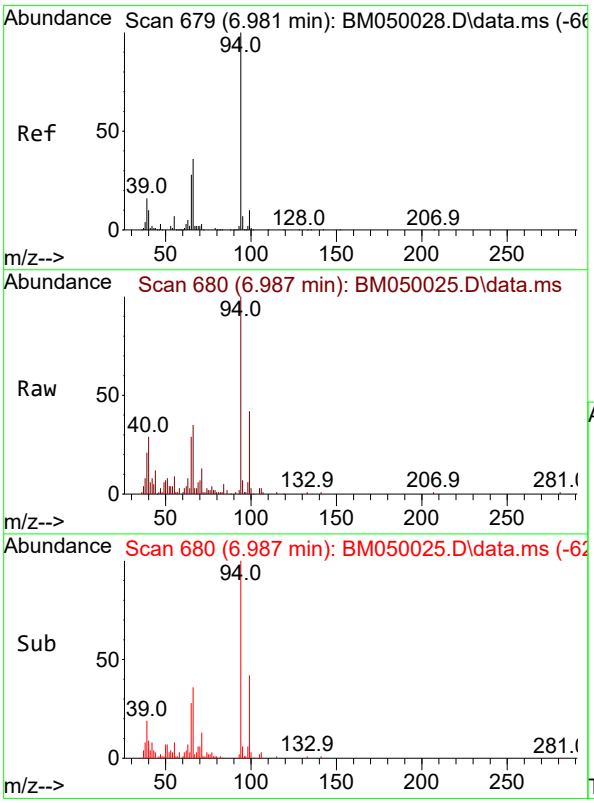
Ion	Ratio	Lower	Upper
77	100		
105	103.4	80.5	120.5
106	94.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

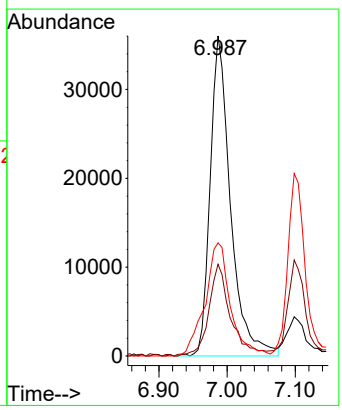
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

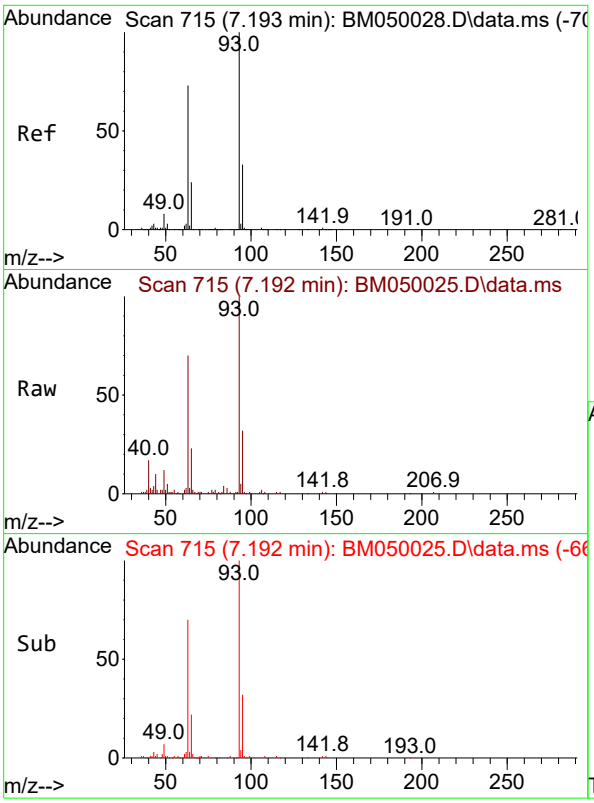


#10
Phenol
Concen: 4.641 ng
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 94 Resp: 75011

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

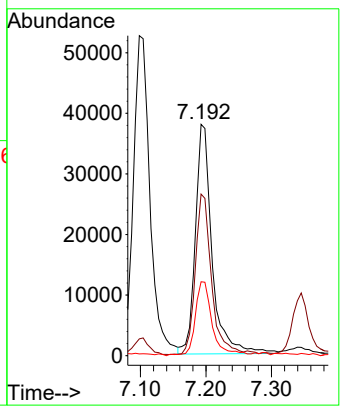




#11
bis(2-Chloroethyl)ether
Concen: 4.998 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 6744

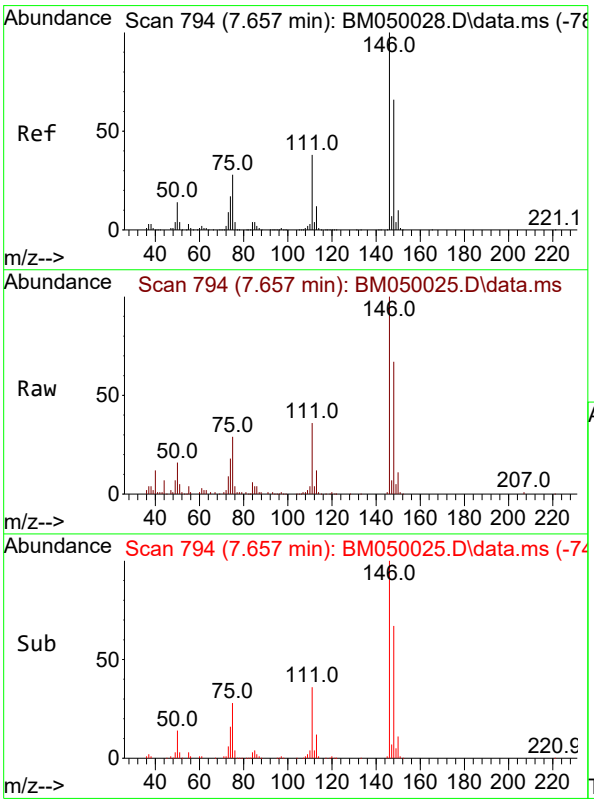
Ion	Ratio	Lower	Upper
93	100		
63	69.8	52.3	92.3
95	32.0	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

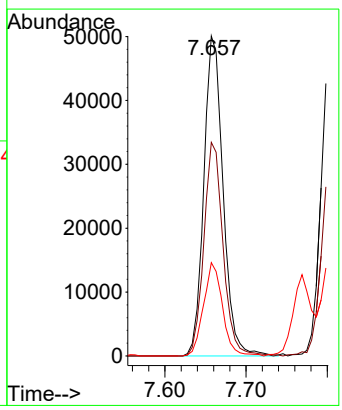
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

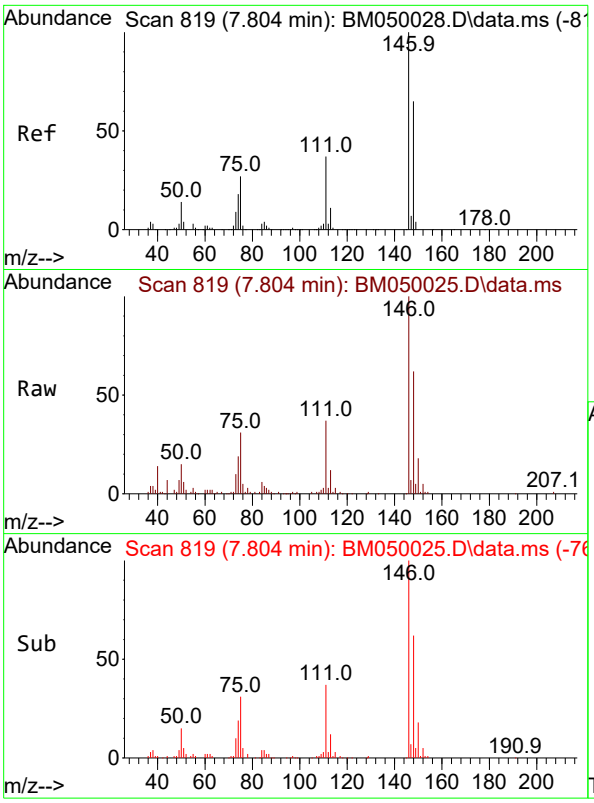


#12
1,3-Dichlorobenzene
Concen: 4.971 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 82466

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

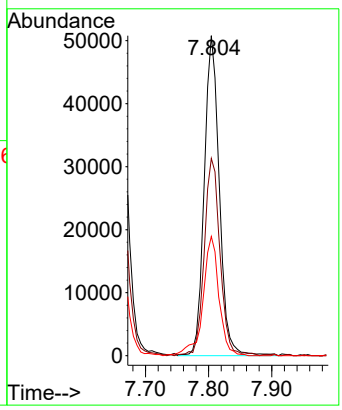




#13
1,4-Dichlorobenzene
Concen: 5.064 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 8440

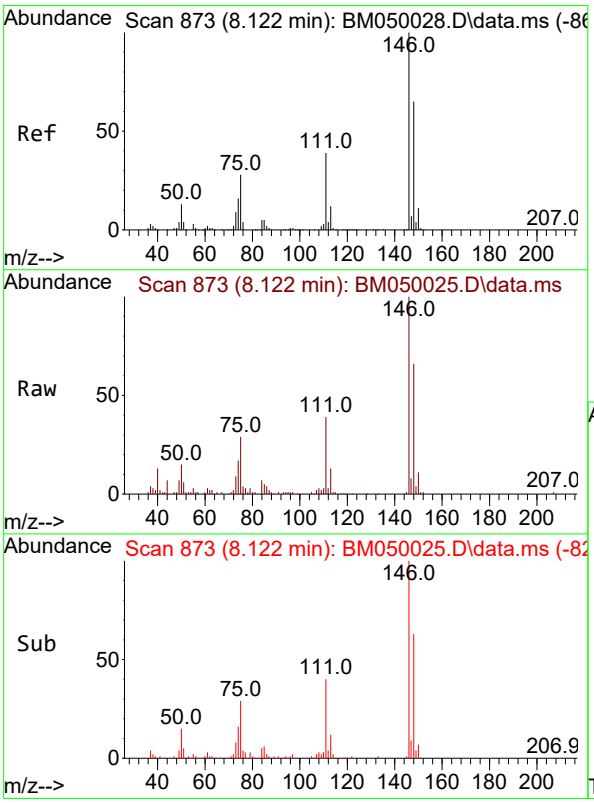
Ion	Ratio	Lower	Upper
146	100		
148	61.6	52.2	78.2
111	37.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

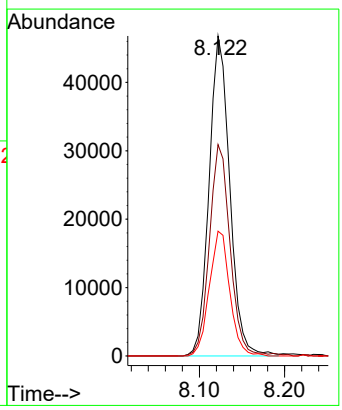
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

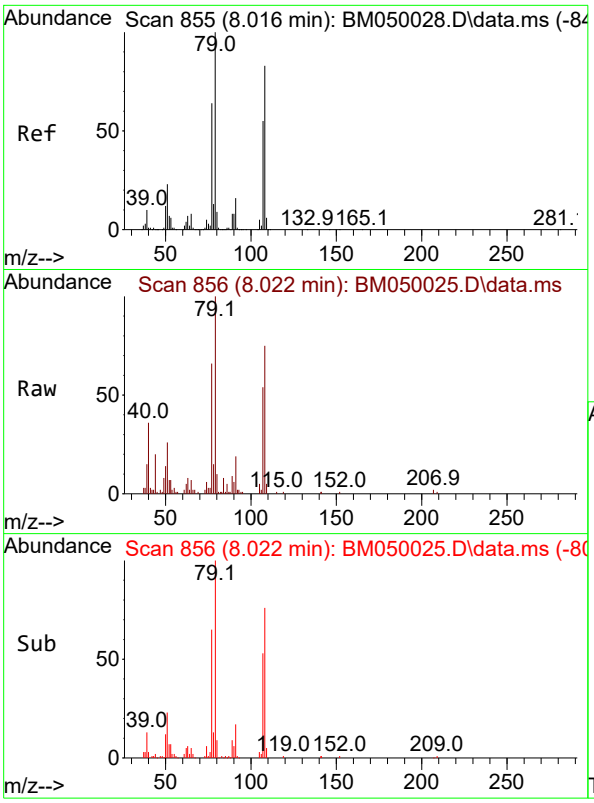


#14
1,2-Dichlorobenzene
Concen: 4.905 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:146 Resp: 78966

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

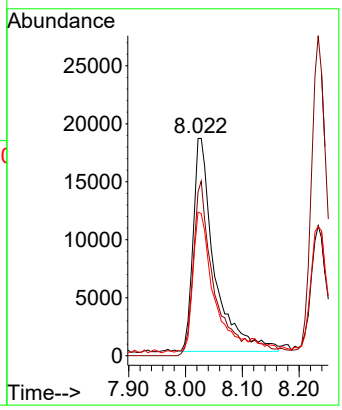




#15
Benzyl Alcohol
Concen: 4.352 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 79 Resp: 4818

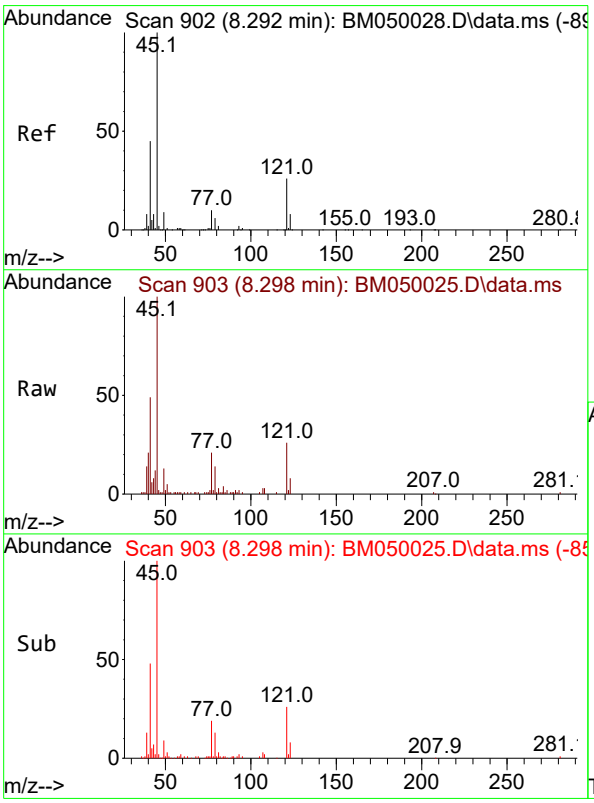
Ion	Ratio	Lower	Upper
79	100		
108	75.4	66.0	99.0
77	66.1	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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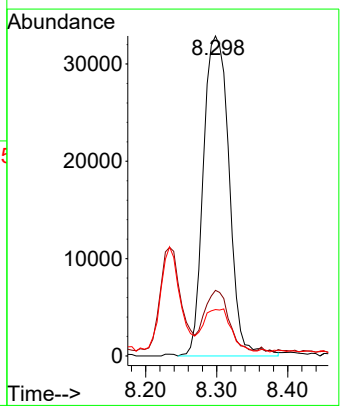
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

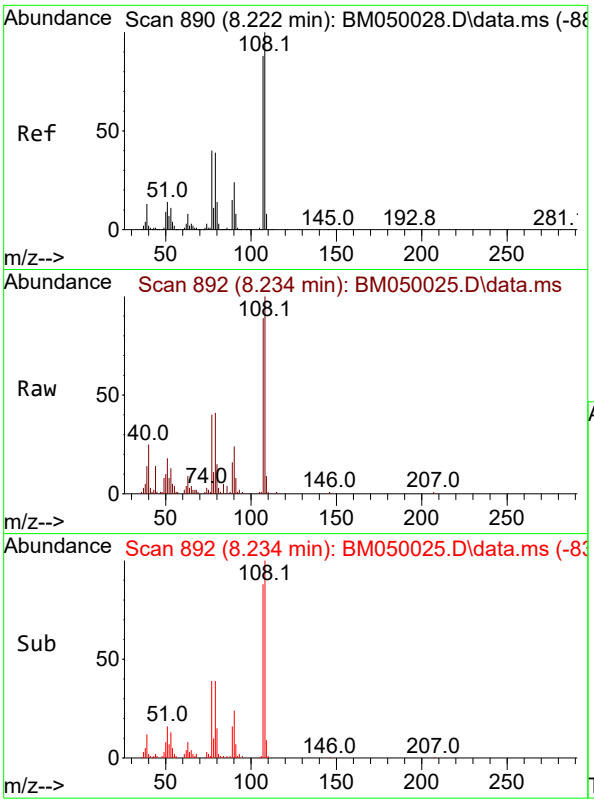


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.042 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 45 Resp: 82711

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

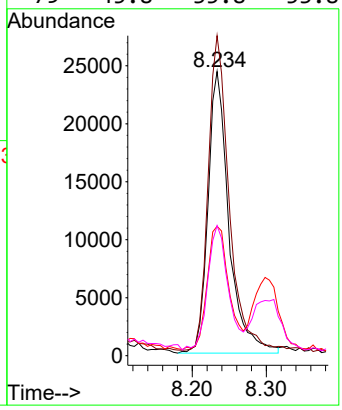




#17
2-Methylphenol
Concen: 4.474 ng
RT: 8.234 min Scan# 8
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 4763

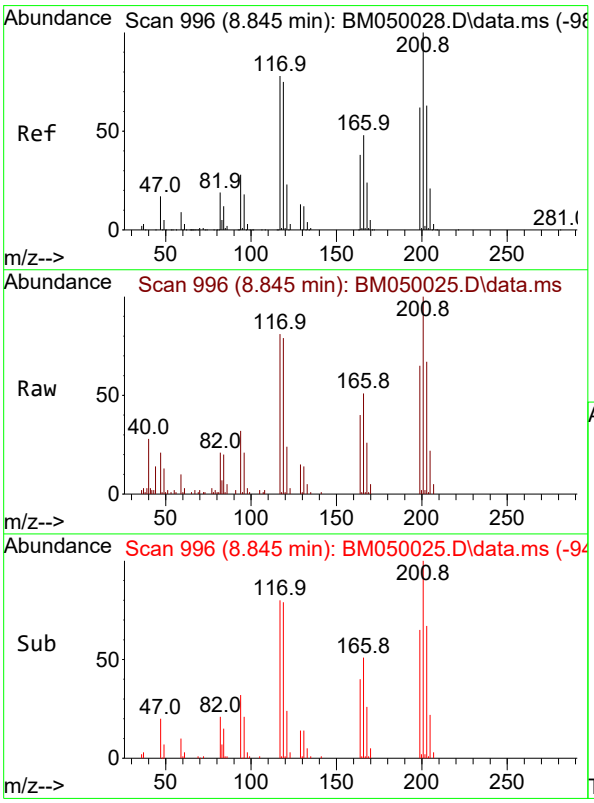
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.1	136.7
77	45.6	36.2	54.4
79	45.8	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

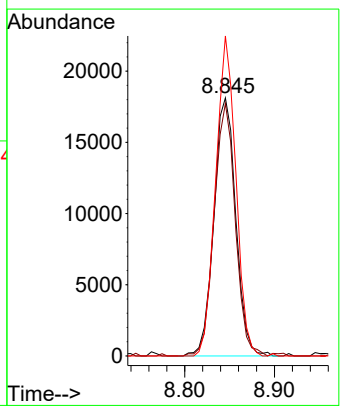
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

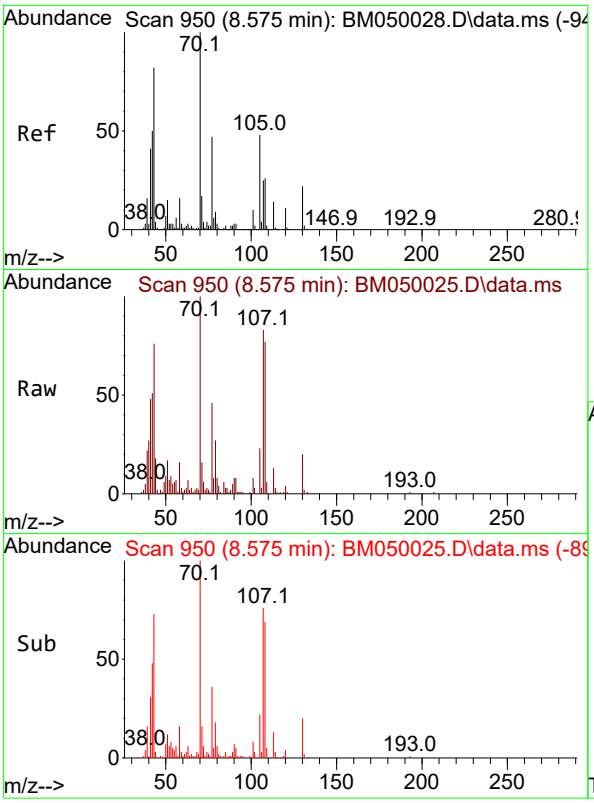


#18
Hexachloroethane
Concen: 5.185 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:117 Resp: 30717

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

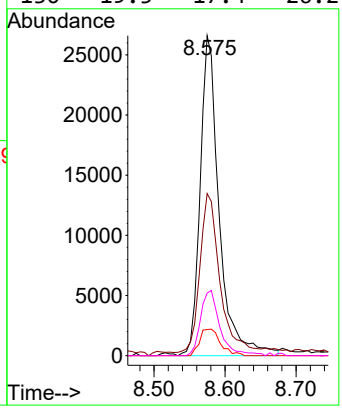




#19
n-Nitroso-di-n-propylamine
Concen: 4.830 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 70 Resp: 4945

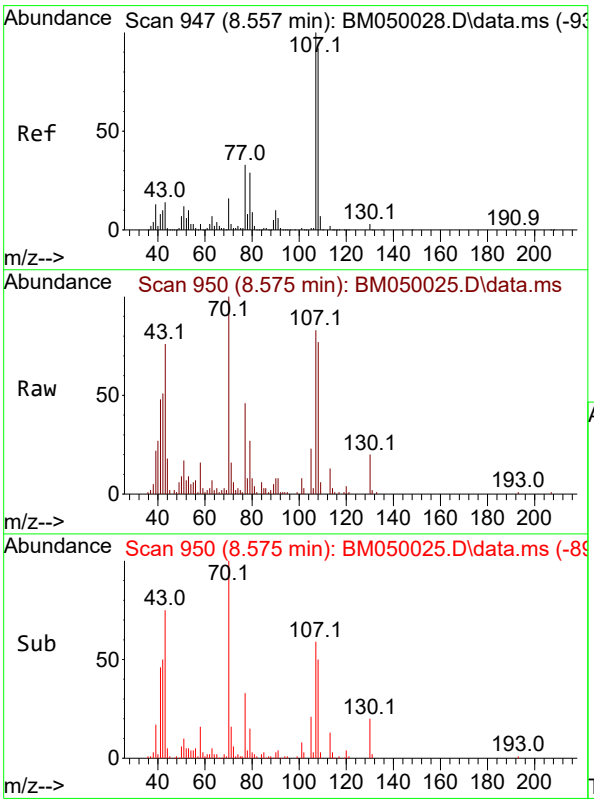
Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	8.2	7.8	11.6
130	19.5	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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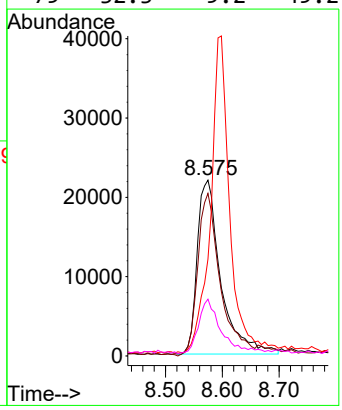
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

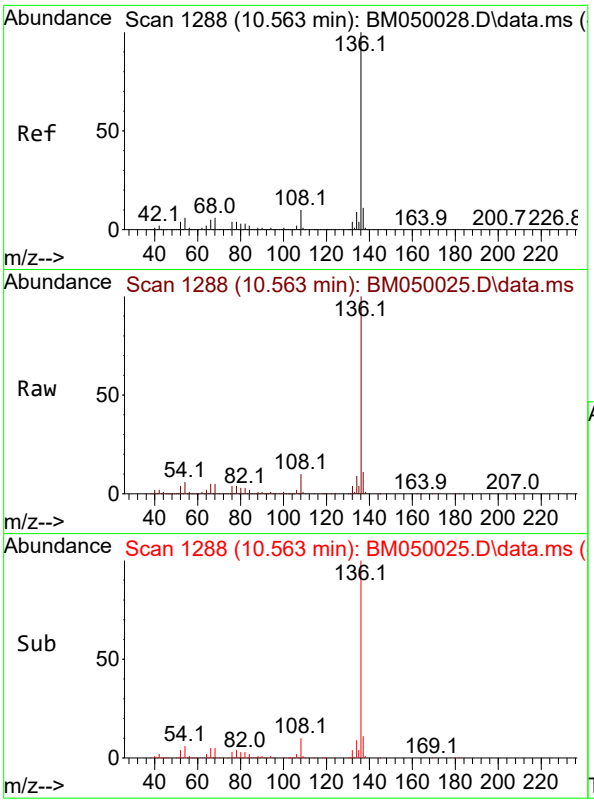


#20
3+4-Methylphenols
Concen: 4.397 ng
RT: 8.575 min Scan# 950
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 63223

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

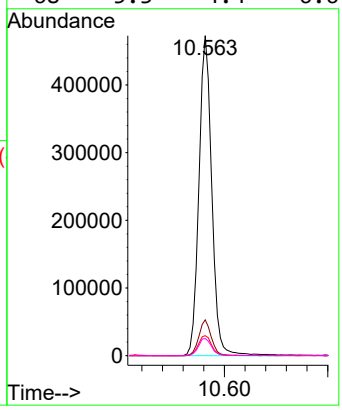




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:136 Resp: 81536

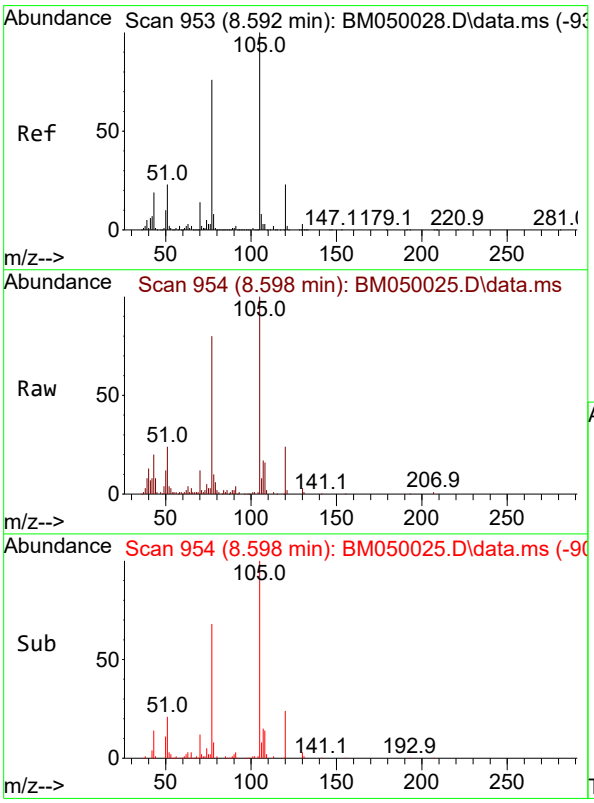
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	5.1	7.7
68	5.3	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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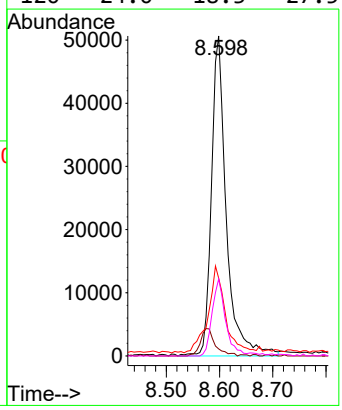
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

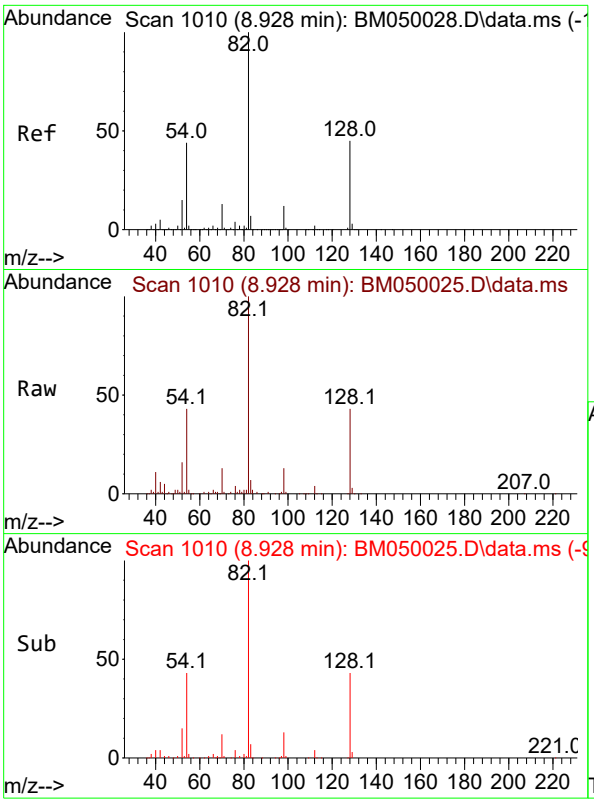


#22
Acetophenone
Concen: 4.852 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:105 Resp: 98358

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





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

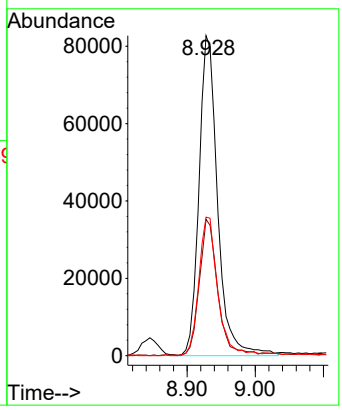
Tgt Ion: 82 Resp: 15722

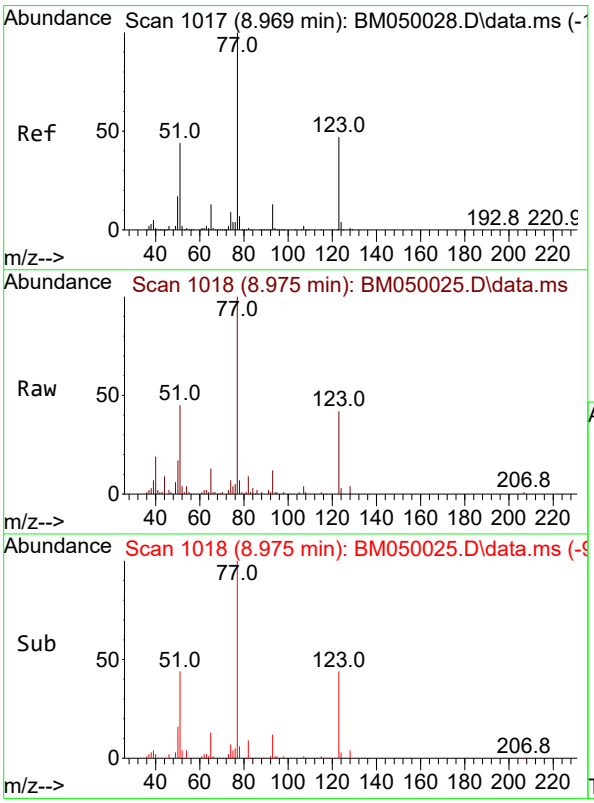
Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.7	53.5
54	43.3	35.4	53.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

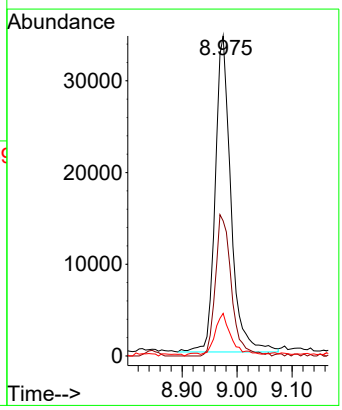


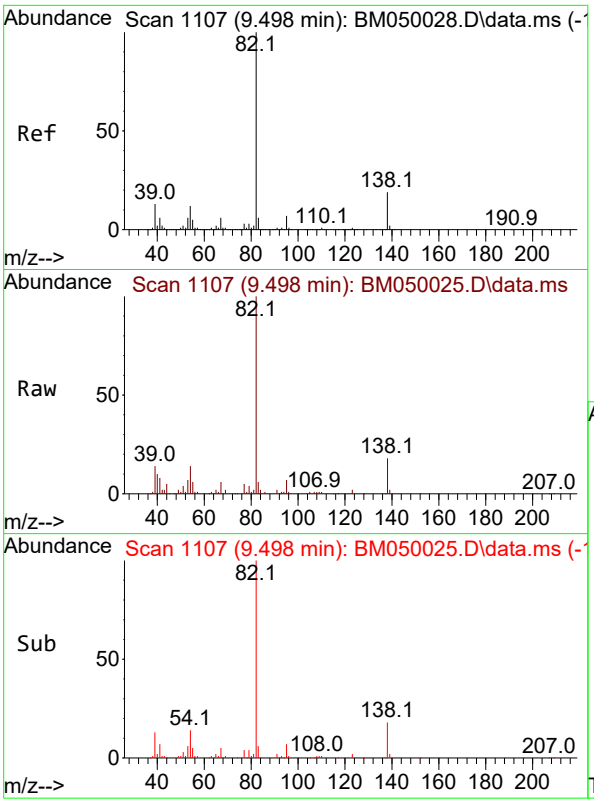


#24
Nitrobenzene
Concen: 4.795 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 68598

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





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

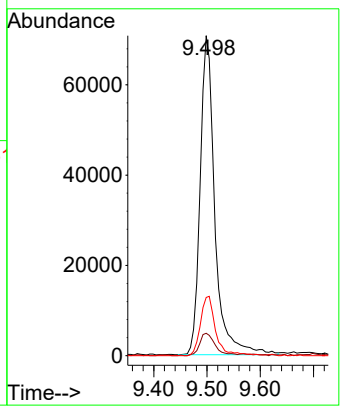
Tgt Ion: 82 Resp: 13582

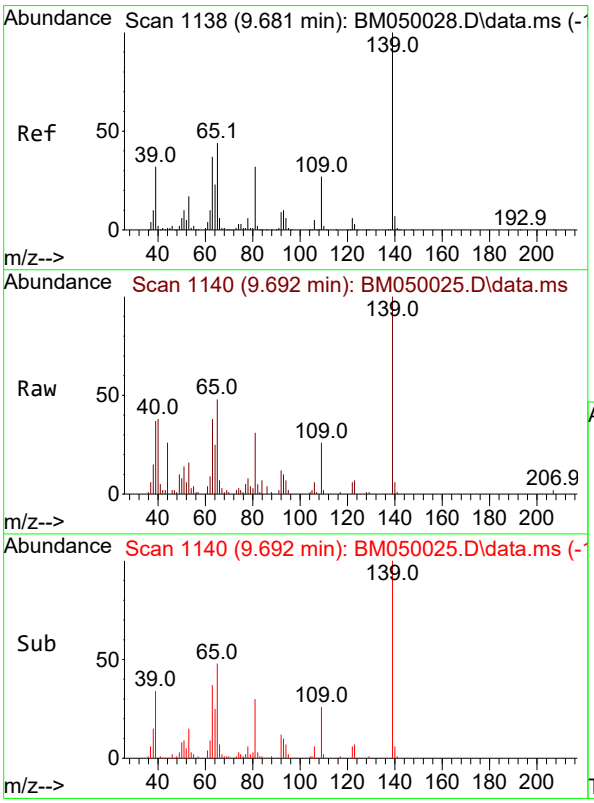
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.2	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

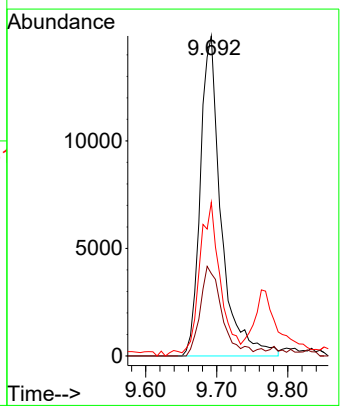


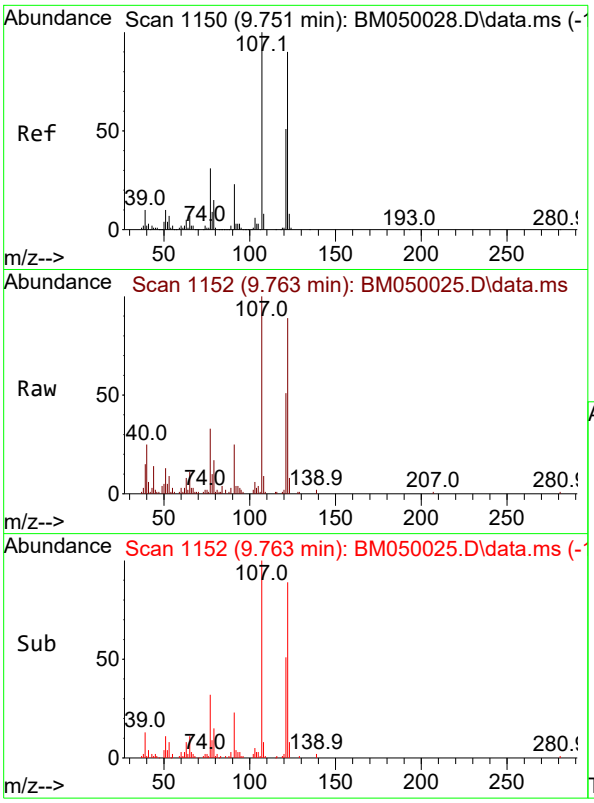


#26
2-Nitrophenol
Concen: 4.140 ng
RT: 9.692 min Scan# 1140
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:139 Resp: 30257

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

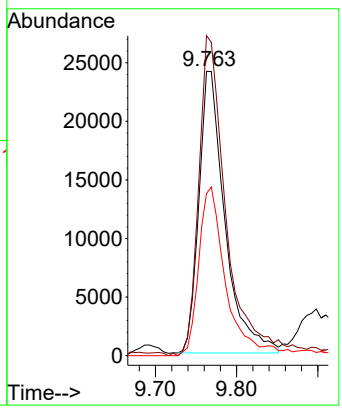




#27
2,4-Dimethylphenol
Concen: 4.427 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:122 Resp: 5366

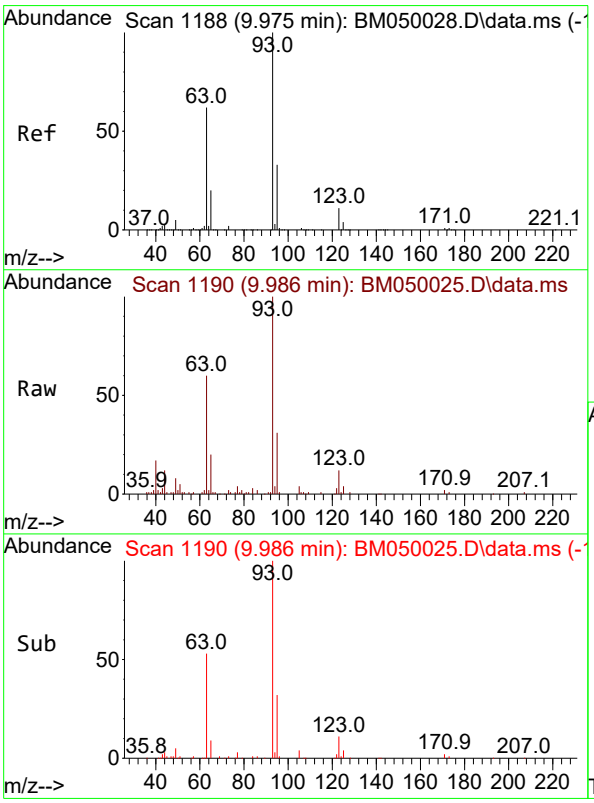
Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.0	133.6
121	57.0	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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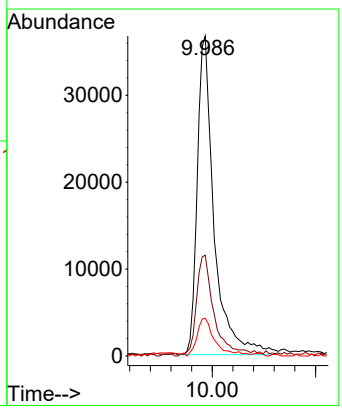
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

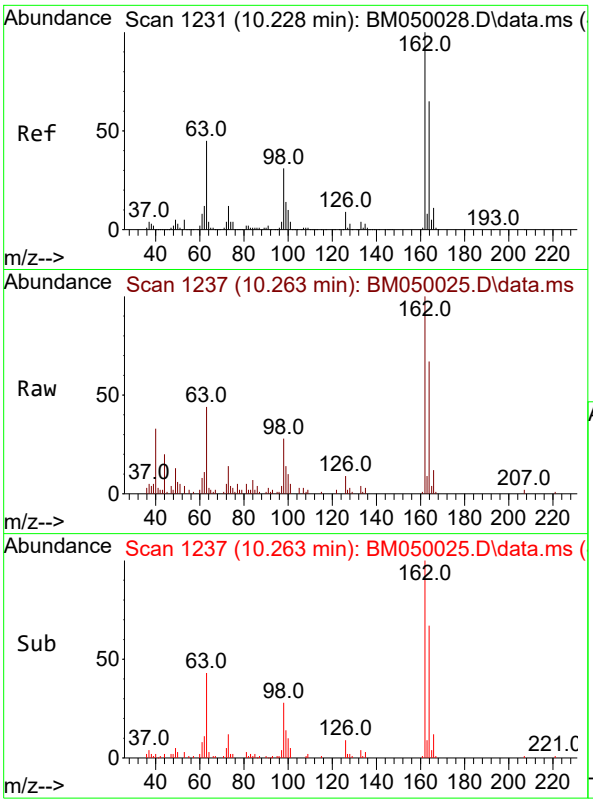


#28
bis(2-Chloroethoxy)methane
Concen: 4.758 ng
RT: 9.986 min Scan# 1190
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 93 Resp: 82947

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

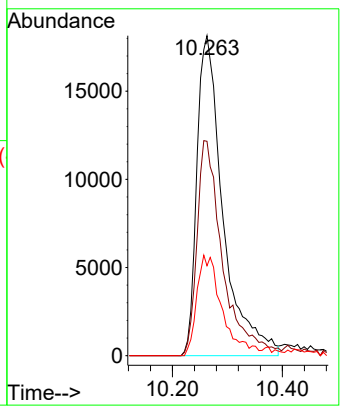




#29
2,4-Dichlorophenol
Concen: 4.406 ng
RT: 10.263 min Scan# 1
Delta R.T. 0.035 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 5982

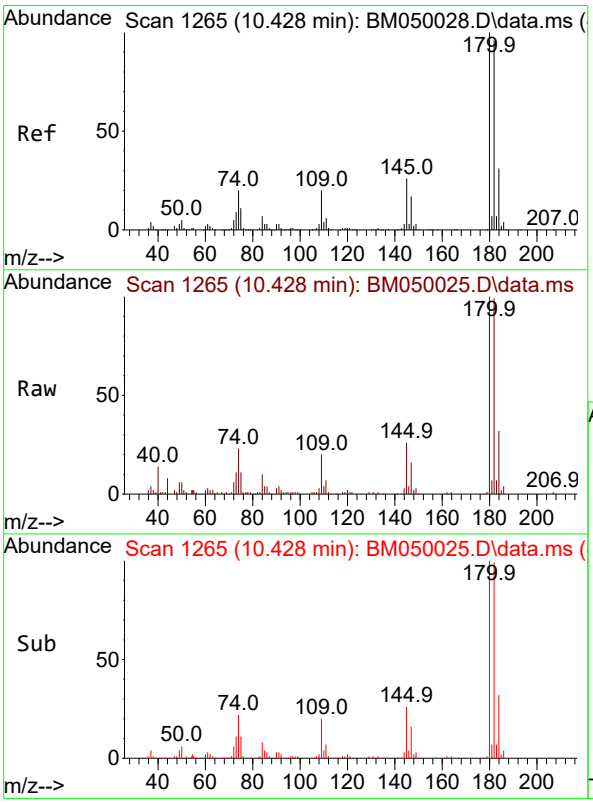
Ion	Ratio	Lower	Upper
162	100		
164	67.0	45.4	85.4
98	28.1	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

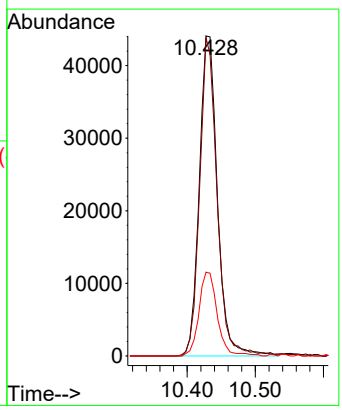
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

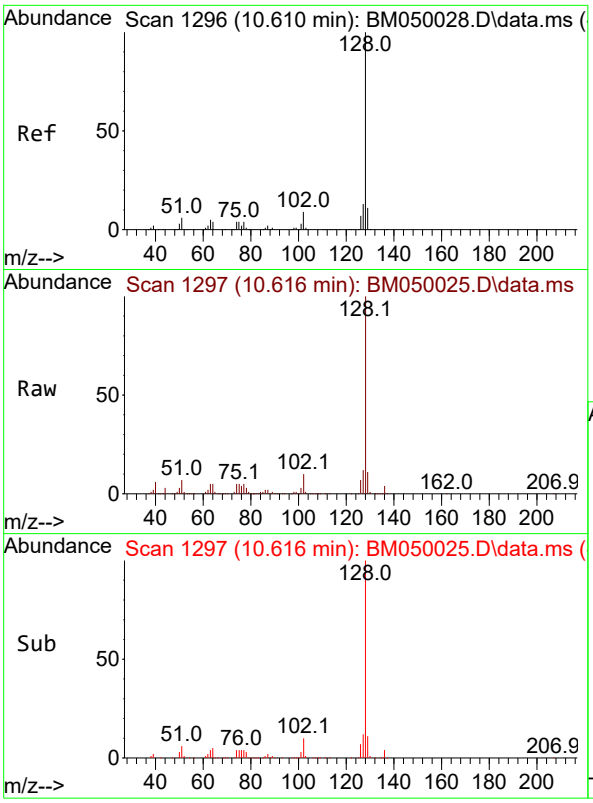


#30
1,2,4-Trichlorobenzene
Concen: 4.934 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:180 Resp: 81624

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

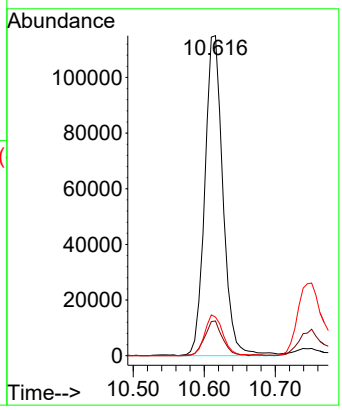




#31
Naphthalene
Concen: 4.944 ng
RT: 10.616 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:128 Resp: 20413

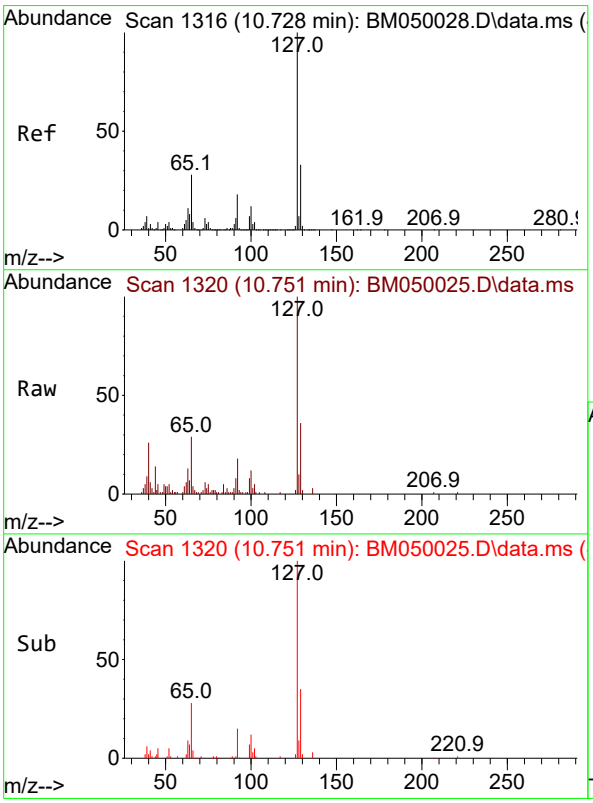
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

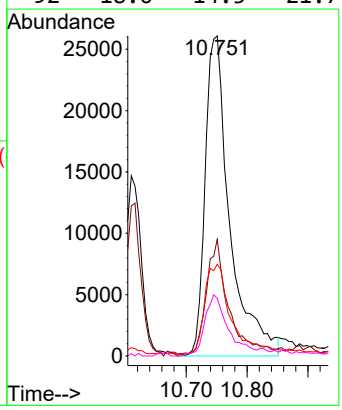
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

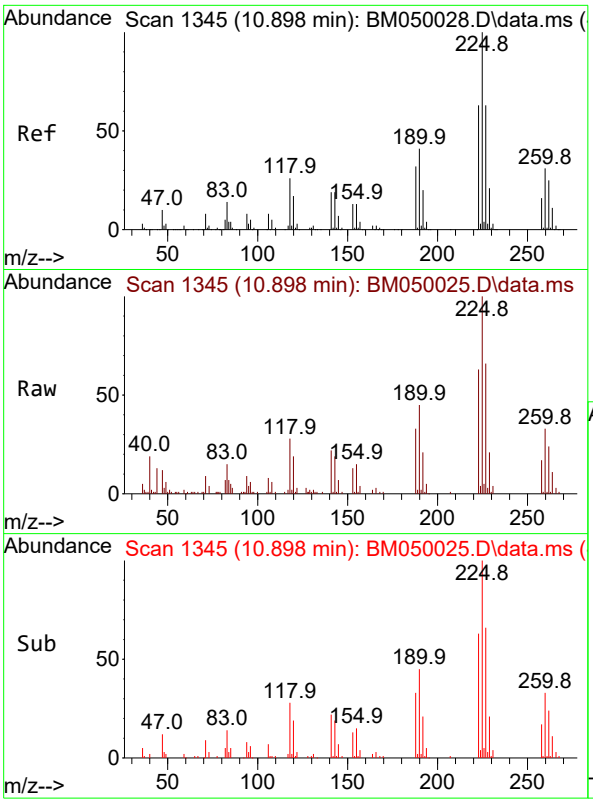


#33
4-Chloroaniline
Concen: 4.345 ng
RT: 10.751 min Scan# 1320
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:127 Resp: 73542

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

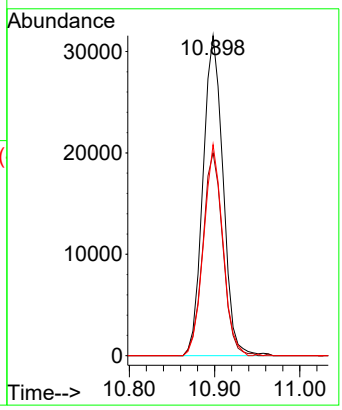




#34
Hexachlorobutadiene
Concen: 4.907 ng
RT: 10.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:225 Resp: 5152

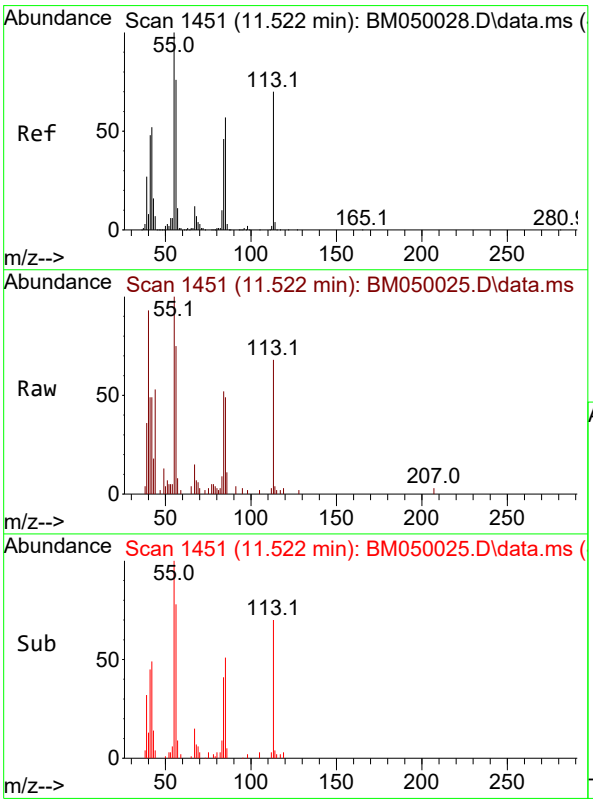
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.2	75.2
227	65.9	50.6	76.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

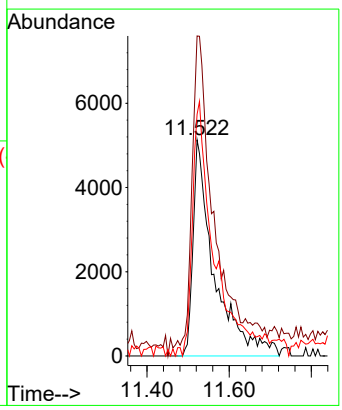
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

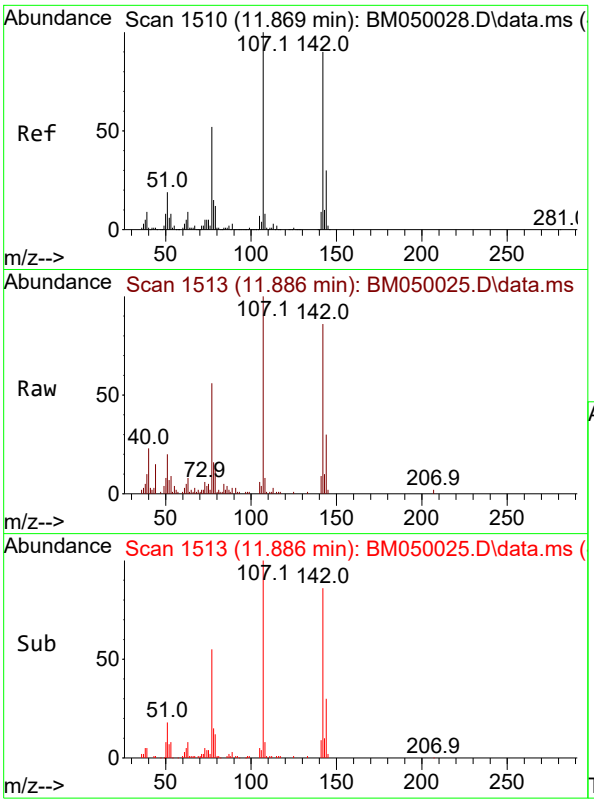


#35
Caprolactam
Concen: 4.634 ng m
RT: 11.522 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:113 Resp: 18349

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

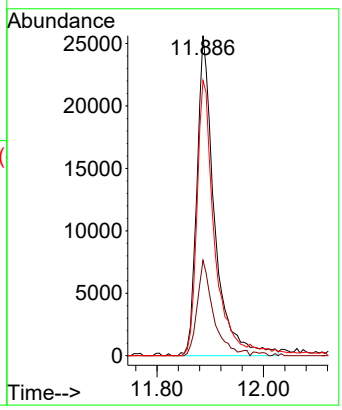




#36
4-Chloro-3-methylphenol
Concen: 4.690 ng
RT: 11.886 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:107 Resp: 5884

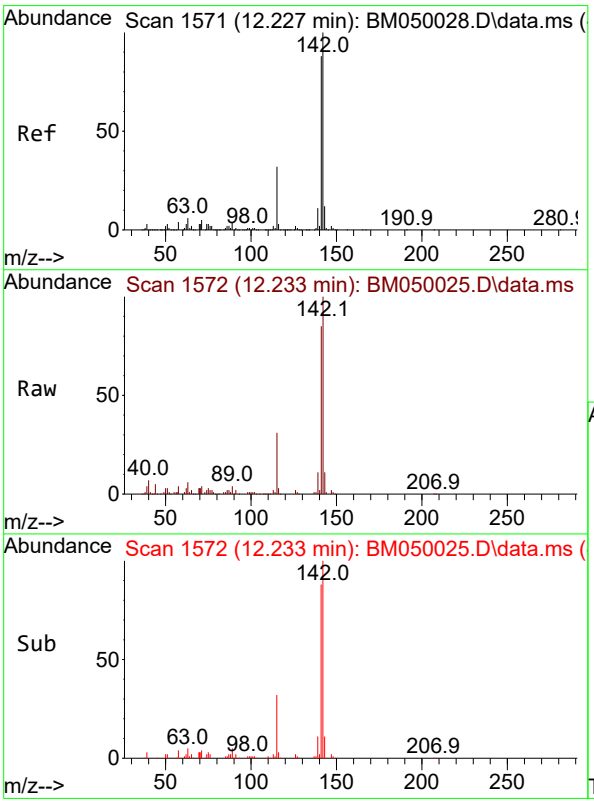
Ion	Ratio	Lower	Upper
107	100		
144	29.8	23.8	35.6
142	86.0	71.9	107.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

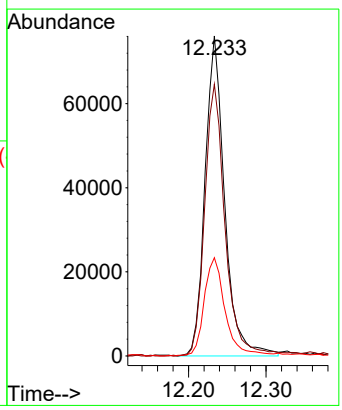
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

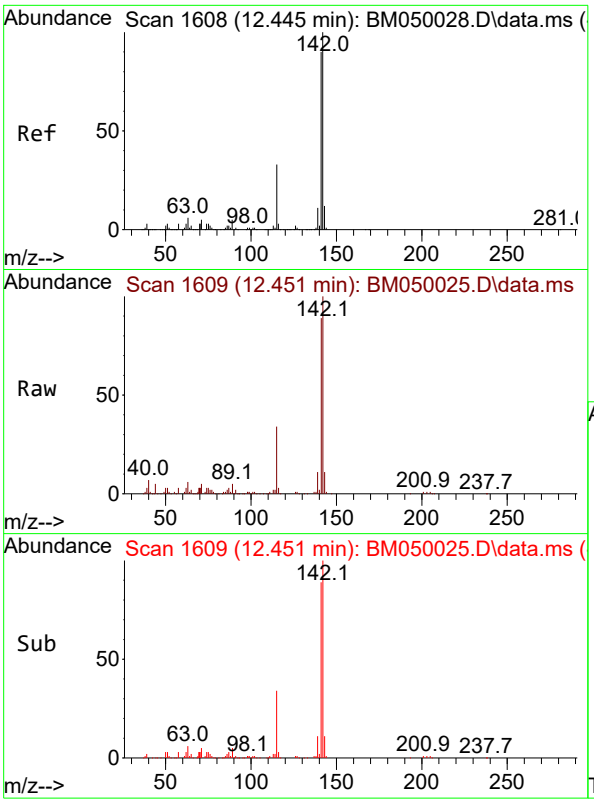


#37
2-Methylnaphthalene
Concen: 4.829 ng
RT: 12.233 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 133679

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

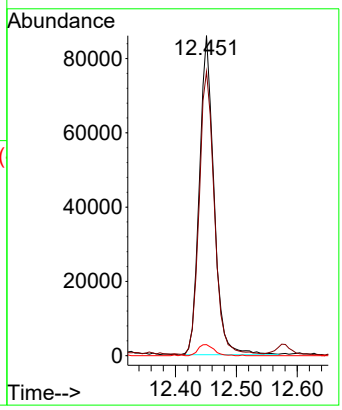




#38
1-Methylnaphthalene
Concen: 4.892 ng
RT: 12.451 min Scan# 1(
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:142 Resp: 14333

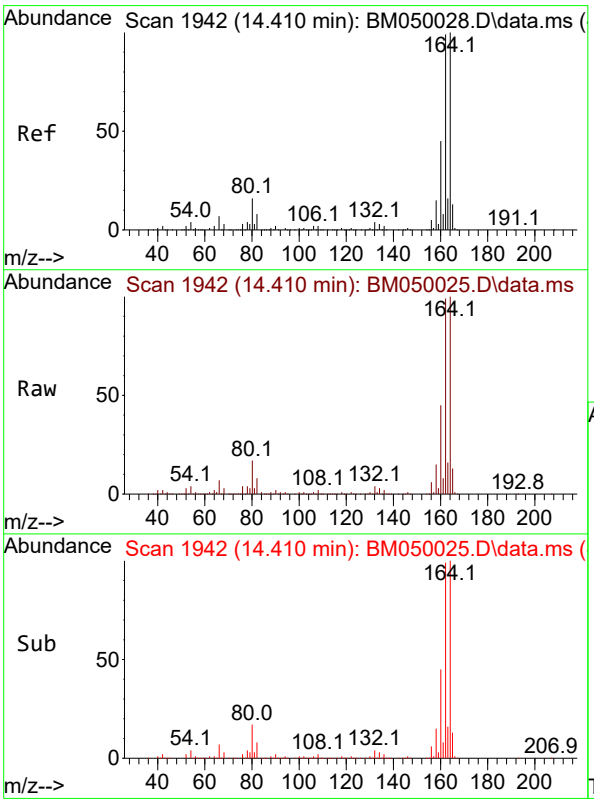
Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1
116	3.5	2.7	4.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

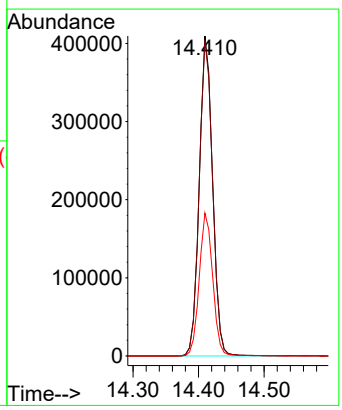
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

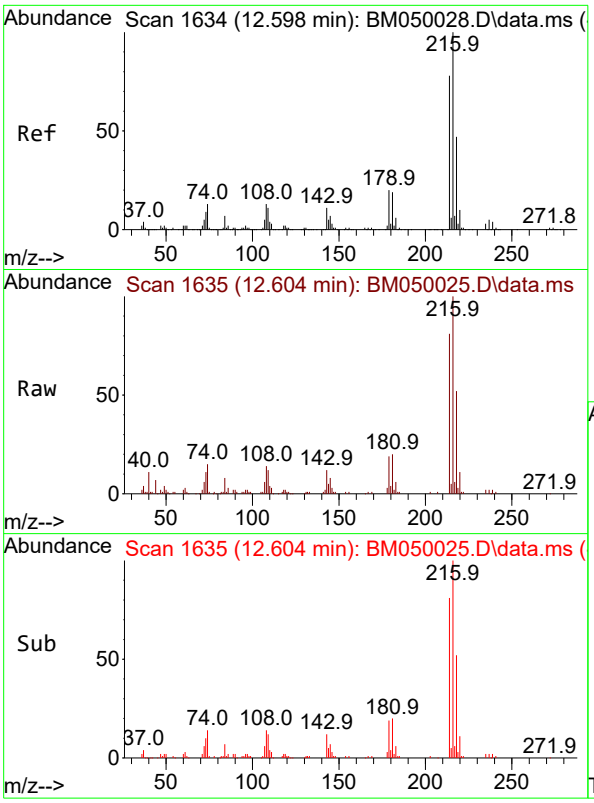


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:164 Resp: 578294

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

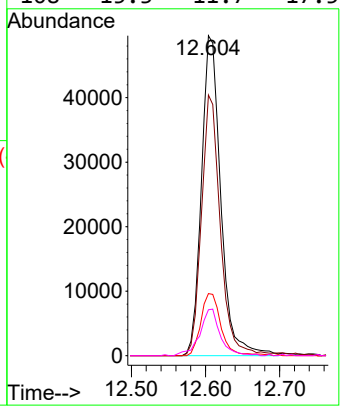




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.504 ng
RT: 12.604 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:216 Resp: 9016

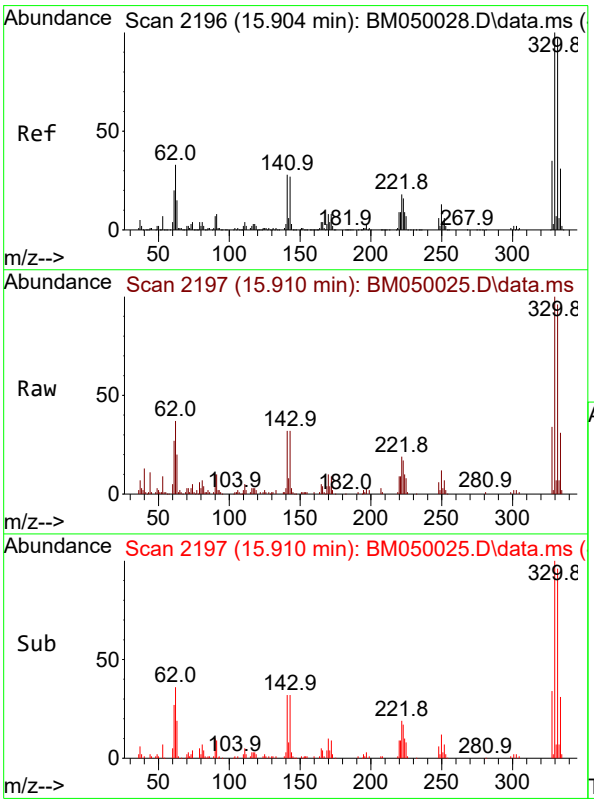
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	20.2	15.4	23.0
108	15.3	11.7	17.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

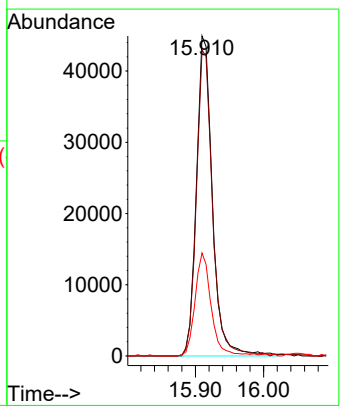
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

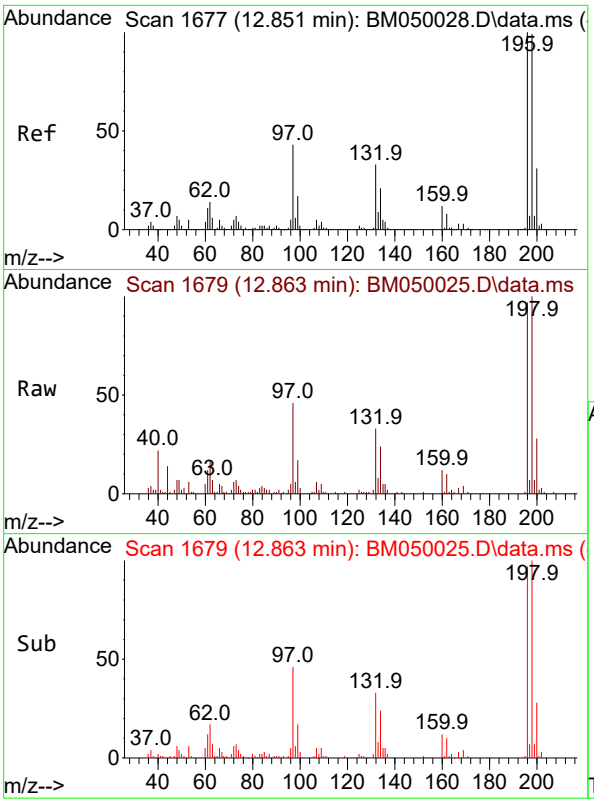


#42
2,4,6-Tribromophenol
Concen: 8.560 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:330 Resp: 73192

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

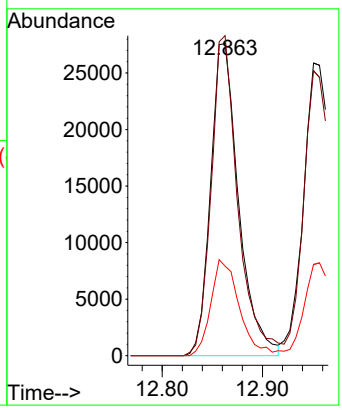




#43
2,4,6-Trichlorophenol
Concen: 4.233 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 5374

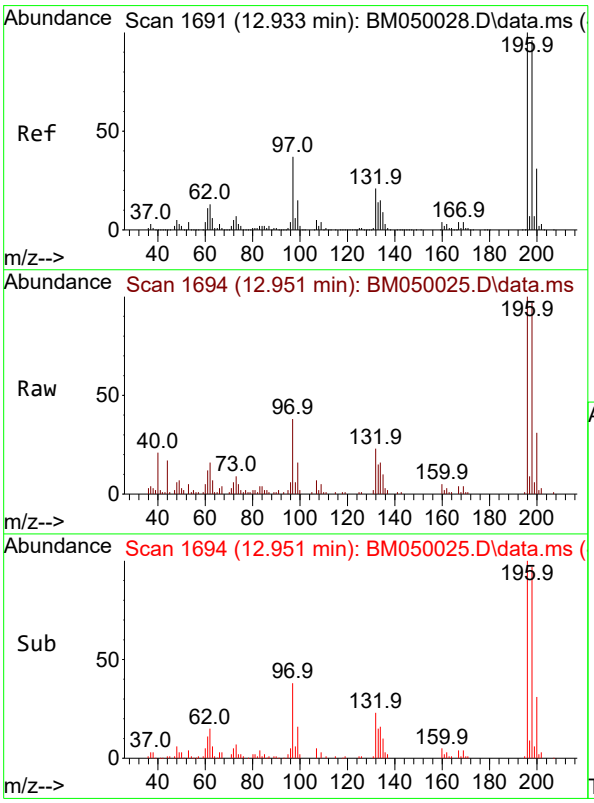
Ion	Ratio	Lower	Upper
196	100		
198	102.6	79.0	118.6
200	28.7	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

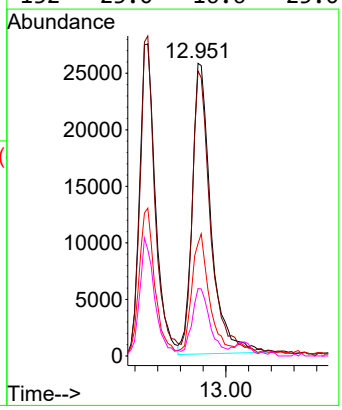
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

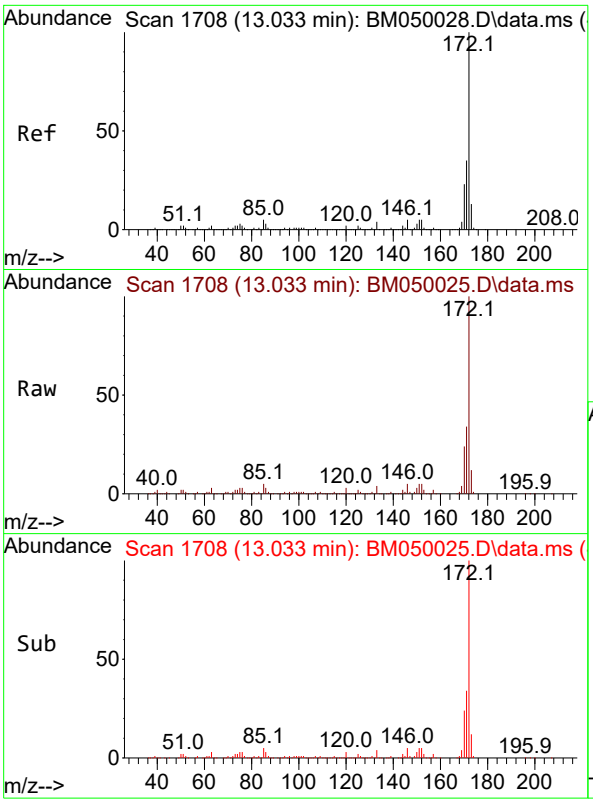


#44
2,4,5-Trichlorophenol
Concen: 4.325 ng
RT: 12.951 min Scan# 1694
Delta R.T. 0.018 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:196 Resp: 59224

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

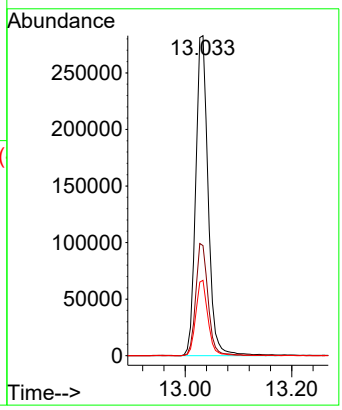




#45
2-Fluorobiphenyl
Concen: 9.390 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:172 Resp: 45903

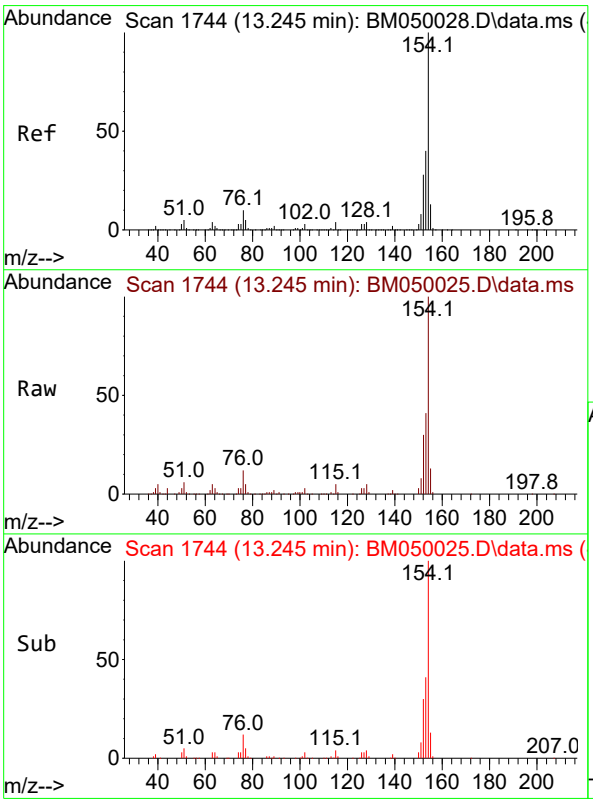
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.5	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

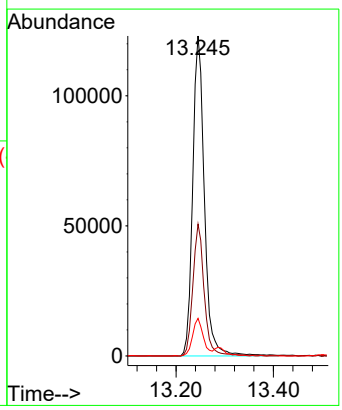
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

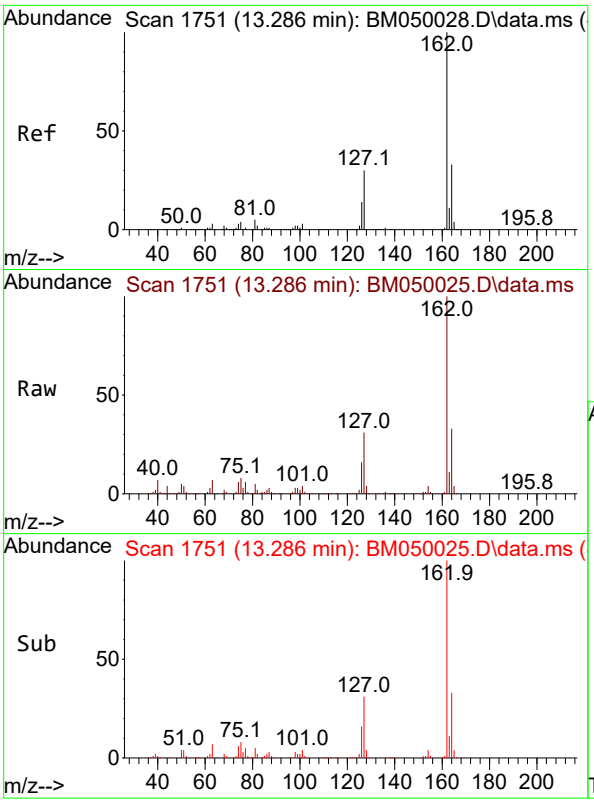


#46
1,1'-Biphenyl
Concen: 4.799 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 206296

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

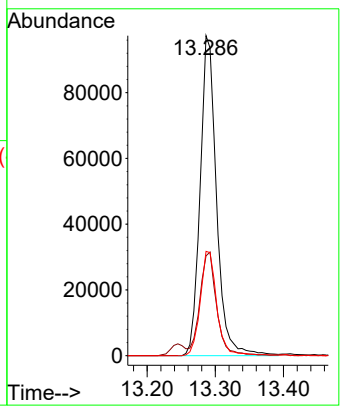




#47
2-Chloronaphthalene
Concen: 4.782 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:162 Resp: 16280

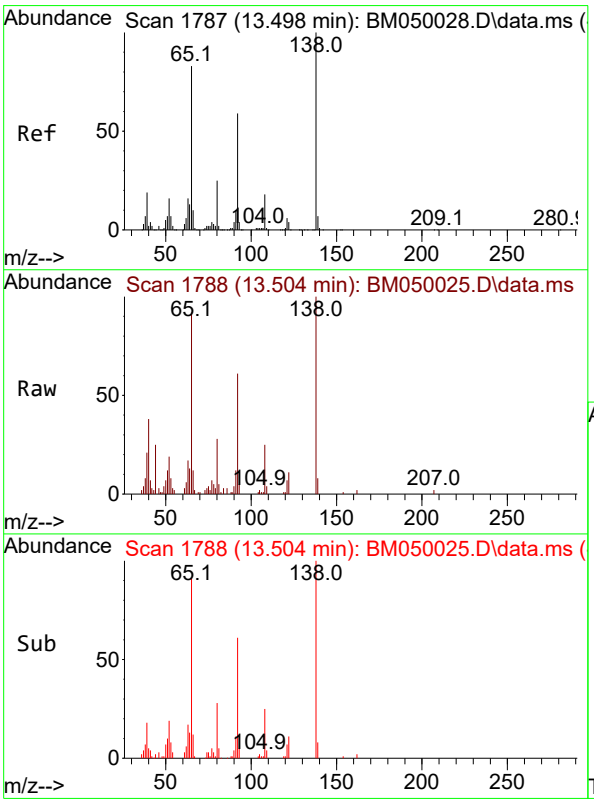
Ion	Ratio	Lower	Upper
162	100		
127	31.2	25.9	38.9
164	32.6	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

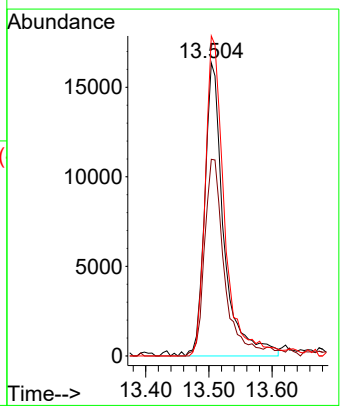
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

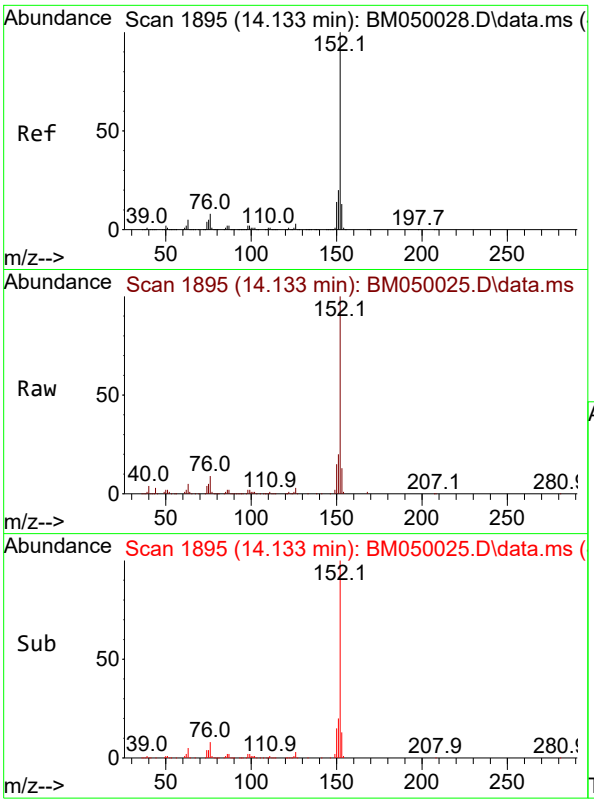


#48
2-Nitroaniline
Concen: 4.299 ng
RT: 13.504 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 65 Resp: 34348

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

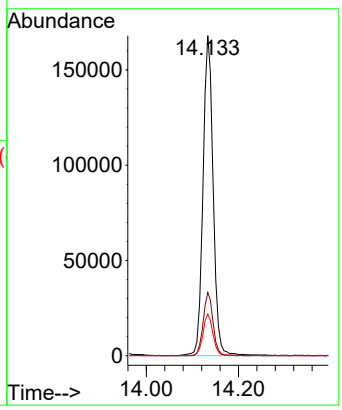




#49
Acenaphthylene
Concen: 4.832 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:152 Resp: 25940

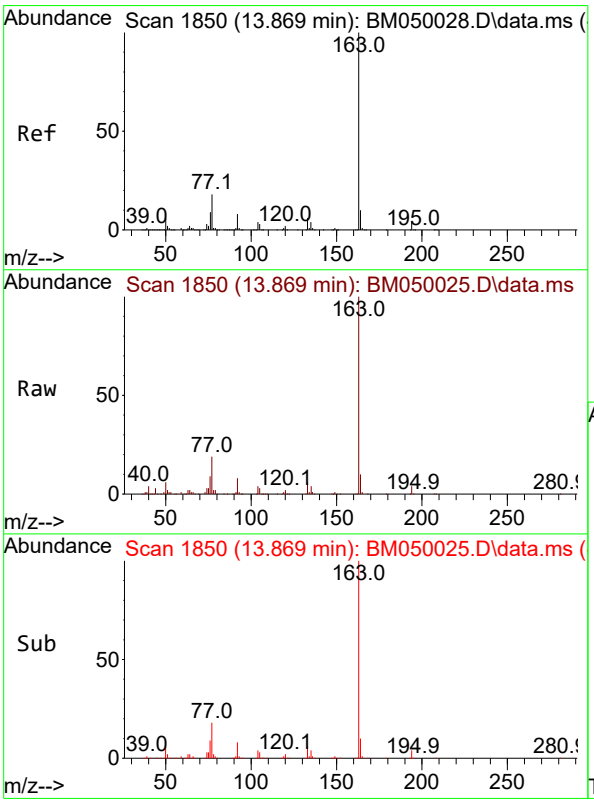
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

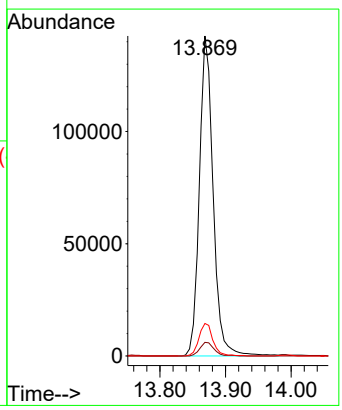
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

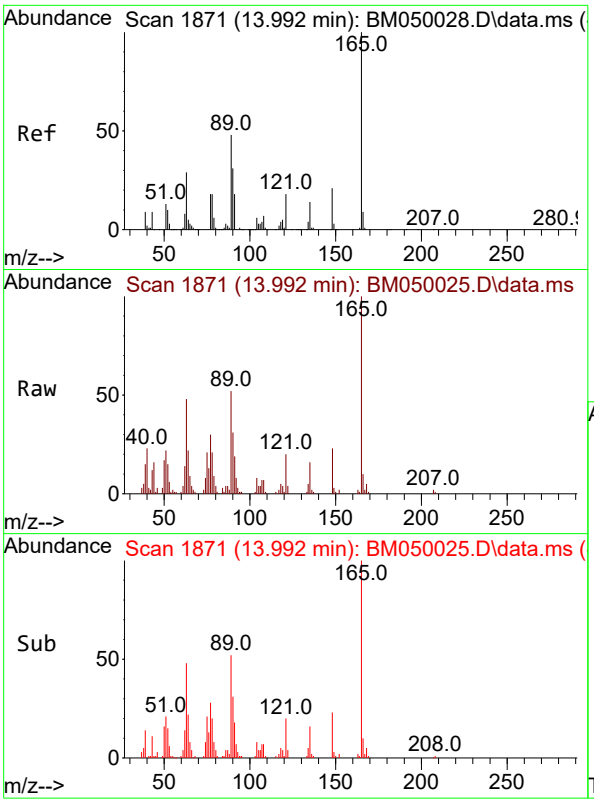


#50
Dimethylphthalate
Concen: 4.941 ng
RT: 13.869 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:163 Resp: 208800

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 4.395 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

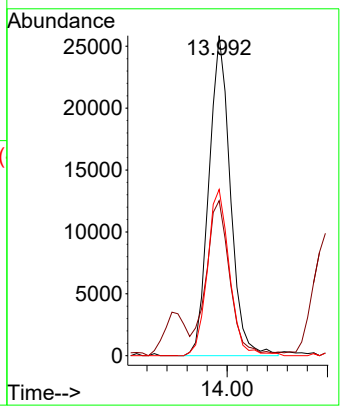
Tgt Ion:165 Resp: 3845

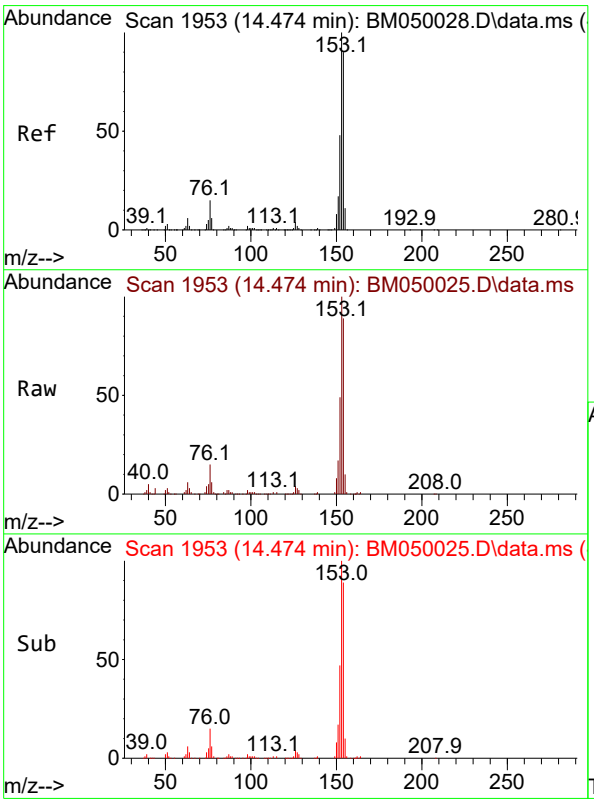
Ion	Ratio	Lower	Upper
165	100		
63	48.5	35.1	52.7
89	51.9	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

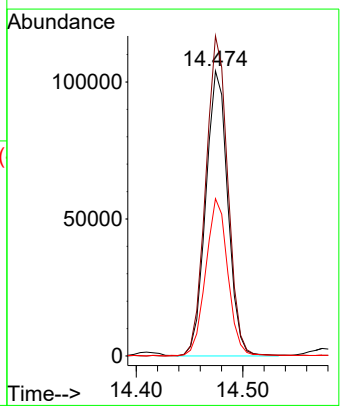


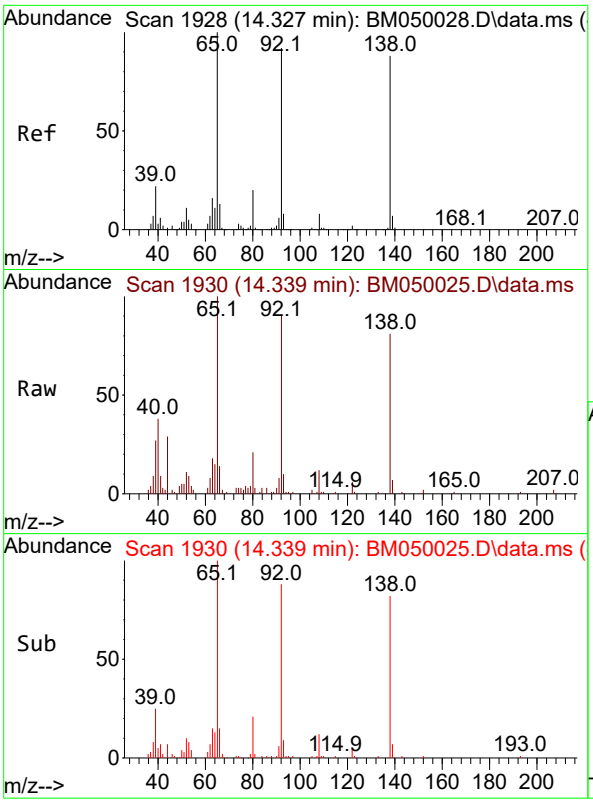


#52
Acenaphthene
Concen: 4.829 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:154 Resp: 150042

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

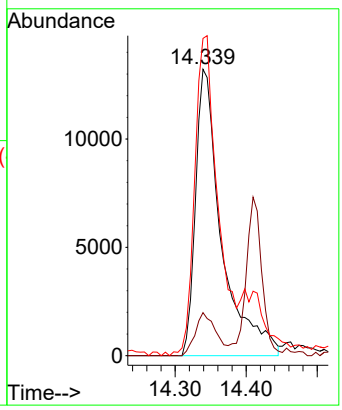




#53
3-Nitroaniline
Concen: 4.036 ng
RT: 14.339 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 3371

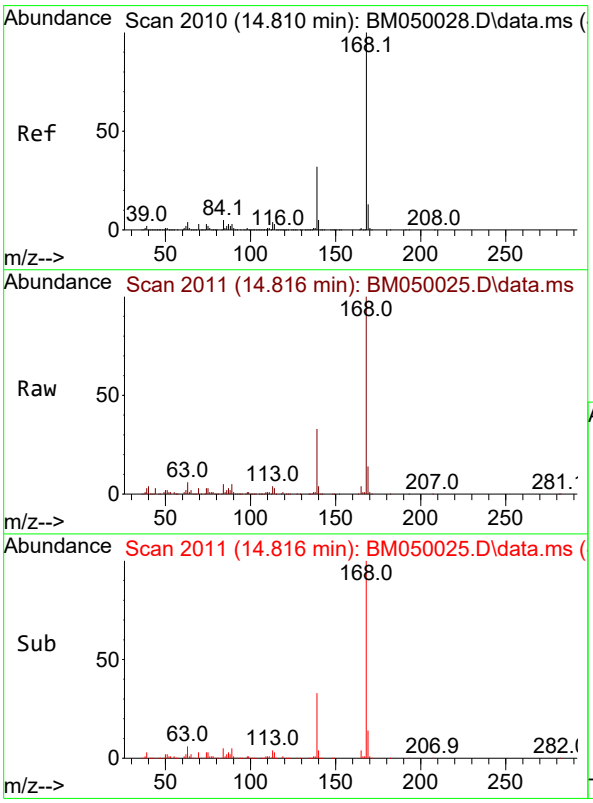
Ion	Ratio	Lower	Upper
138	100		
108	15.1	7.4	11.2
92	110.8	84.0	126.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

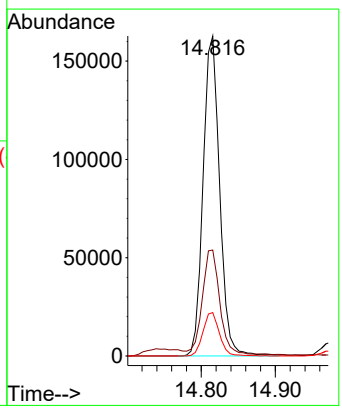
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

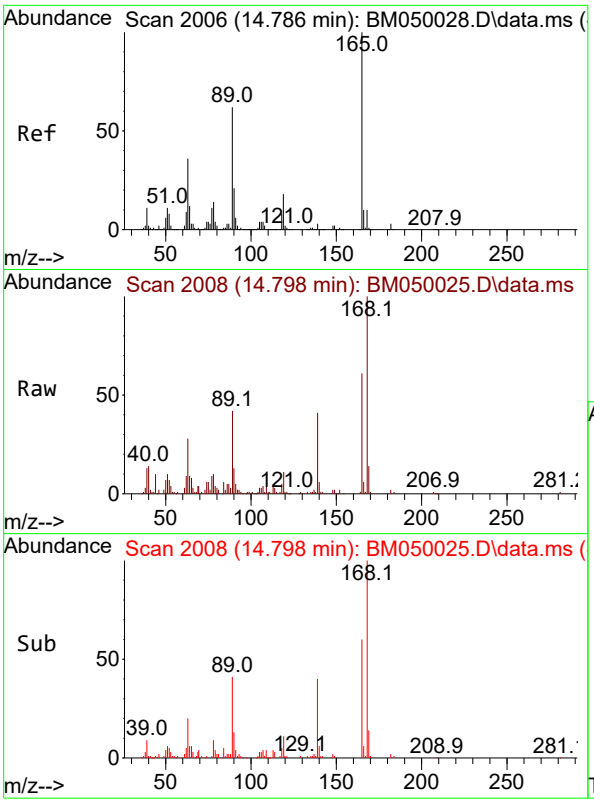


#55
Dibenzofuran
Concen: 4.892 ng
RT: 14.816 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:168 Resp: 252898

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

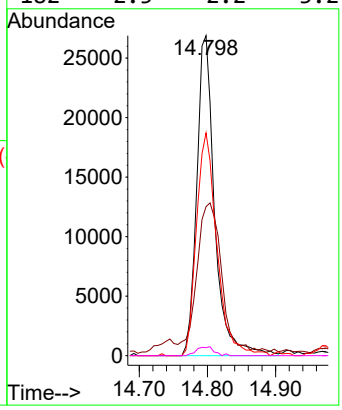




#57
2,4-Dinitrotoluene
Concen: 4.044 ng
RT: 14.798 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:165 Resp: 4890

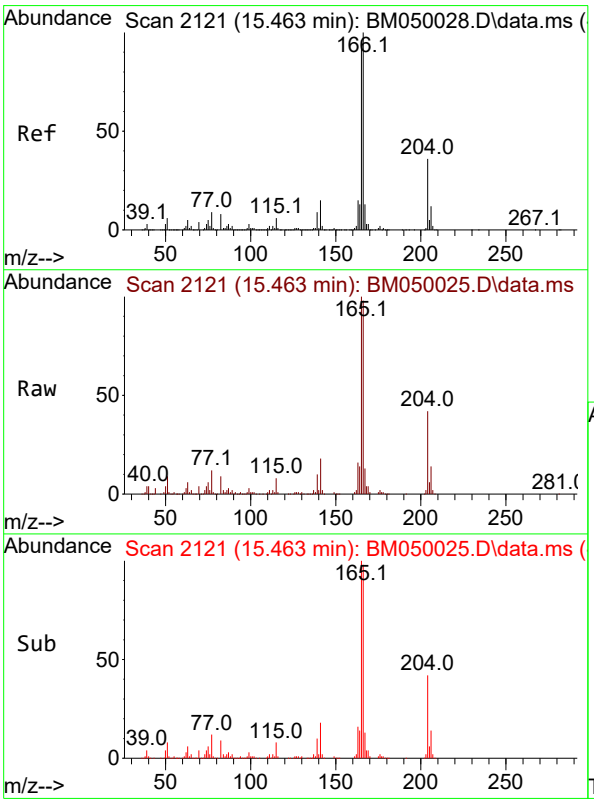
Ion	Ratio	Lower	Upper
165	100		
63	46.6	29.0	43.6
89	69.6	49.4	74.2
182	2.5	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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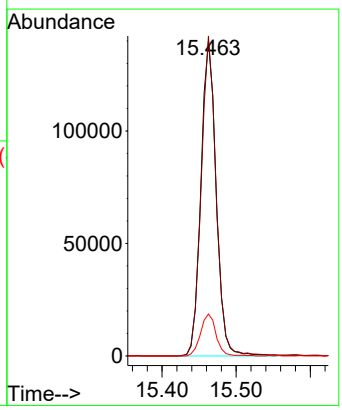
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

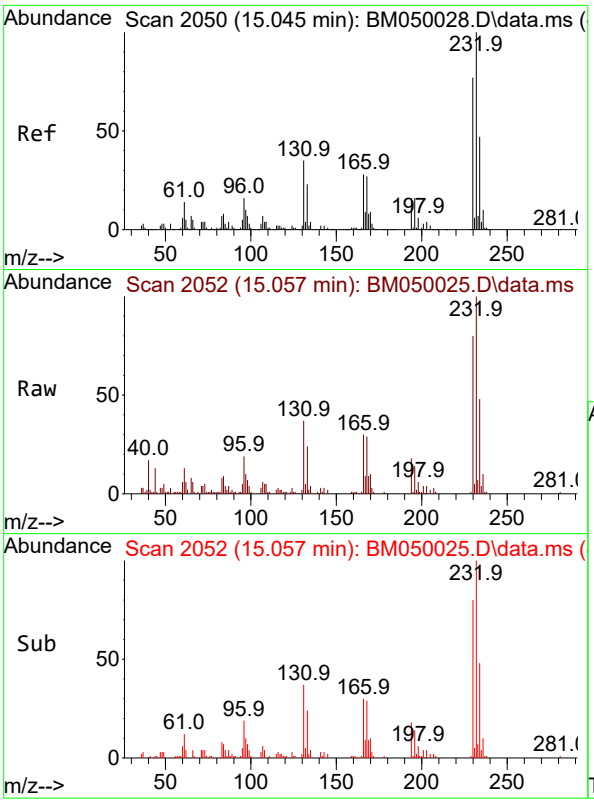


#58
Fluorene
Concen: 4.739 ng
RT: 15.463 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:166 Resp: 200542

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

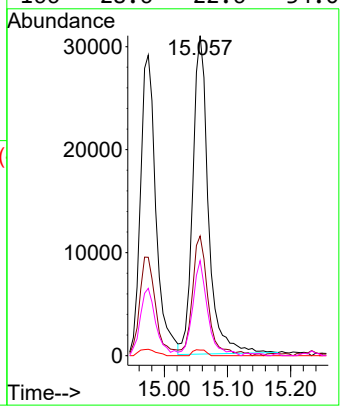




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.463 ng
RT: 15.057 min Scan# 2
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:232 Resp: 5289

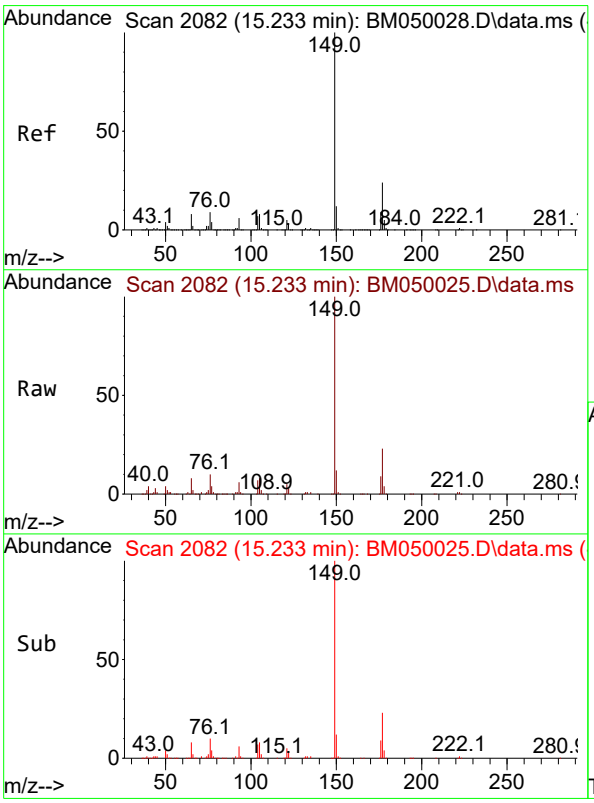
Ion	Ratio	Lower	Upper
232	100		
131	38.0	28.2	42.4
130	1.6	1.5	2.3
166	28.6	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

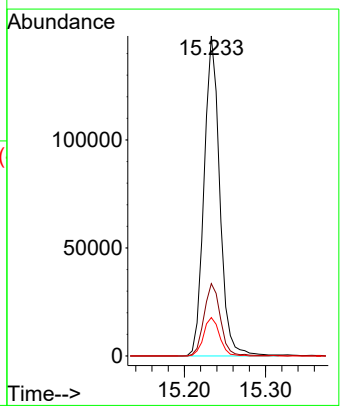
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

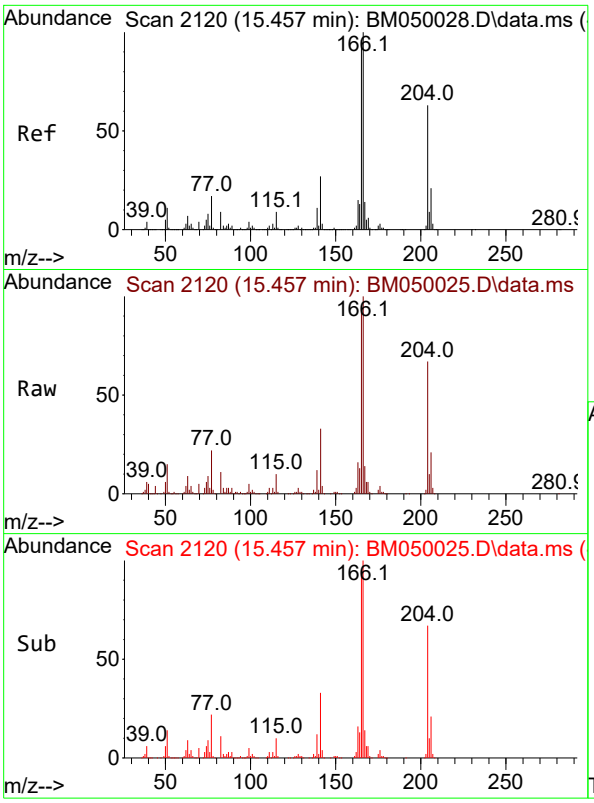


#60
Diethylphthalate
Concen: 4.981 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 198362

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

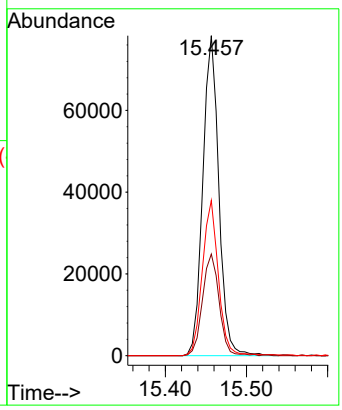




#61
4-Chlorophenyl-phenylether
Concen: 4.607 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:204 Resp: 10708

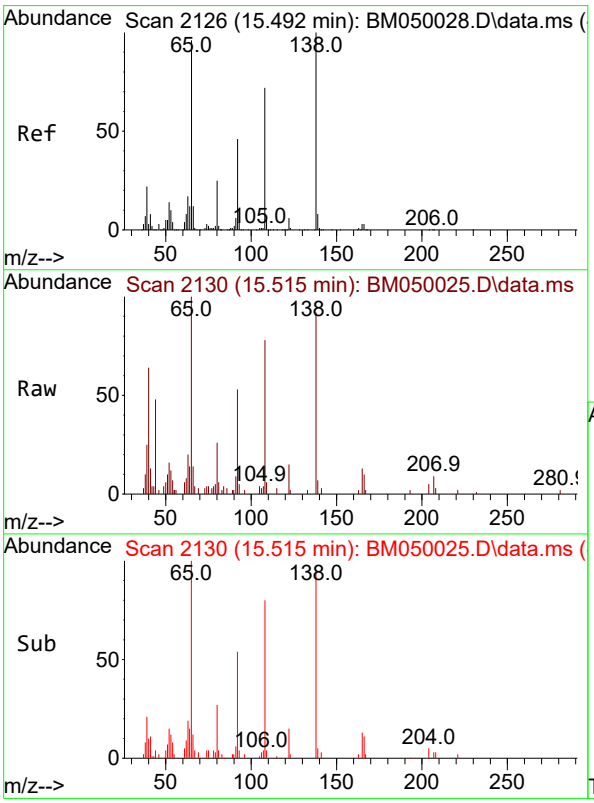
Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.3	39.5
141	48.5	34.0	51.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

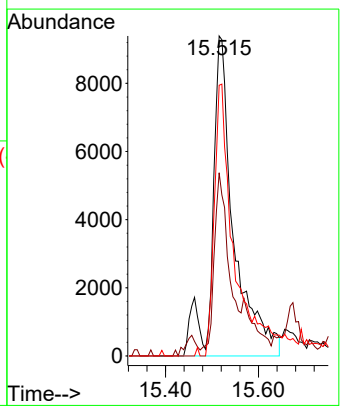
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

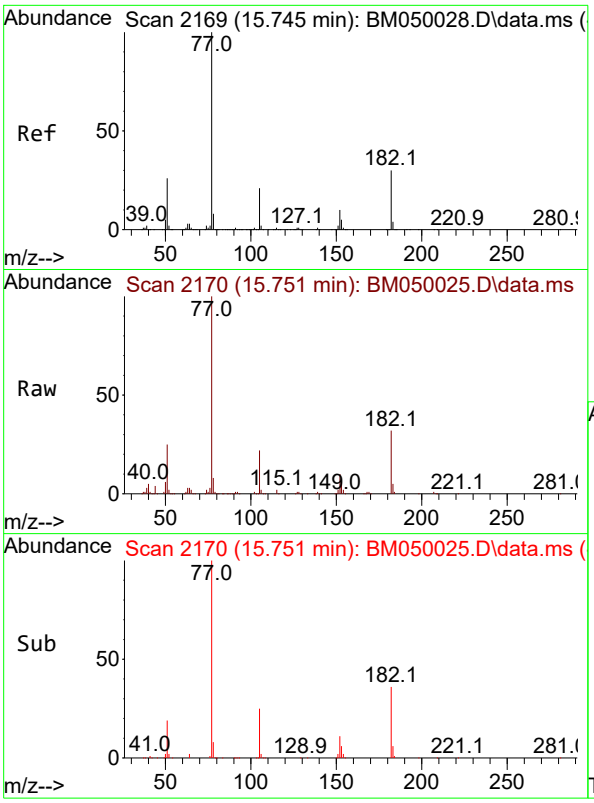


#62
4-Nitroaniline
Concen: 3.737 ng m
RT: 15.515 min Scan# 2130
Delta R.T. 0.023 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:138 Resp: 30138

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

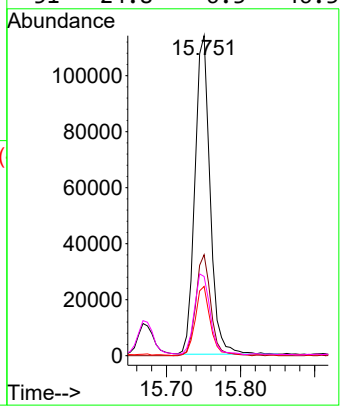




#63
Azobenzene
Concen: 4.844 ng
RT: 15.751 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion: 77 Resp: 16166

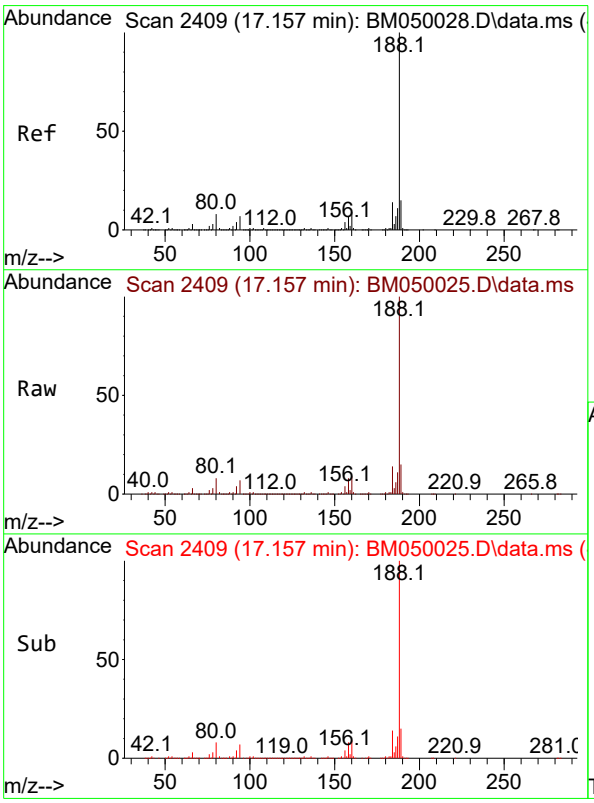
Ion	Ratio	Lower	Upper
77	100		
182	31.6	10.5	50.5
105	21.7	1.1	41.1
51	24.8	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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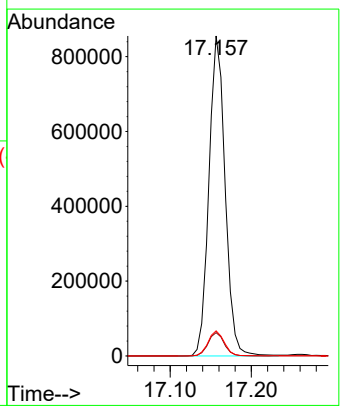
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

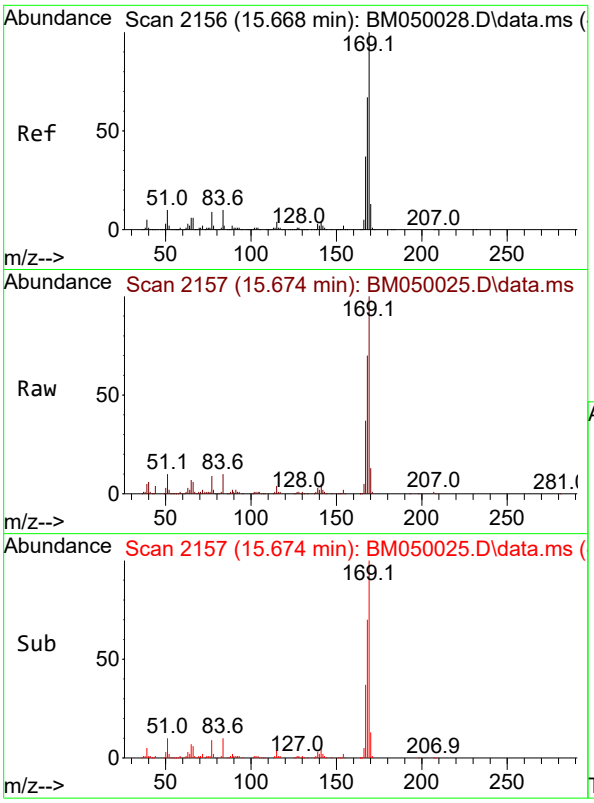


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:188 Resp: 1183325

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

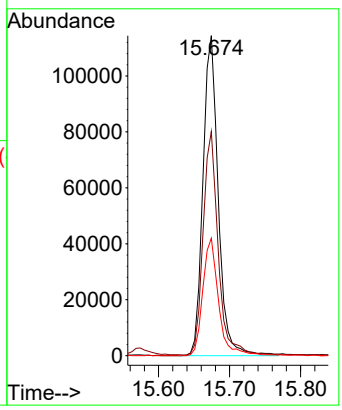




#66
n-Nitrosodiphenylamine
Concen: 4.723 ng
RT: 15.674 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:169 Resp: 17160

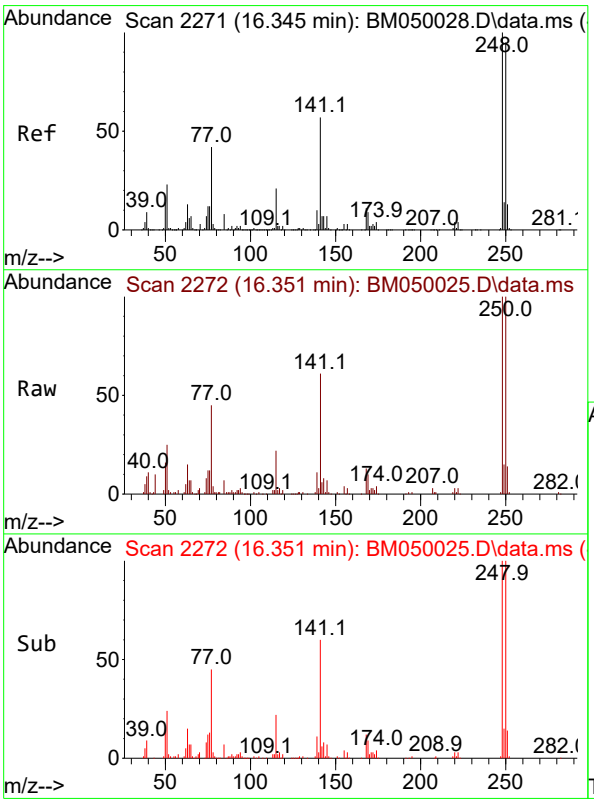
Ion	Ratio	Lower	Upper
169	100		
168	70.0	53.4	80.2
167	36.7	29.4	44.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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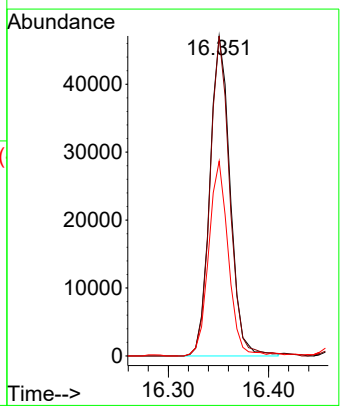
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

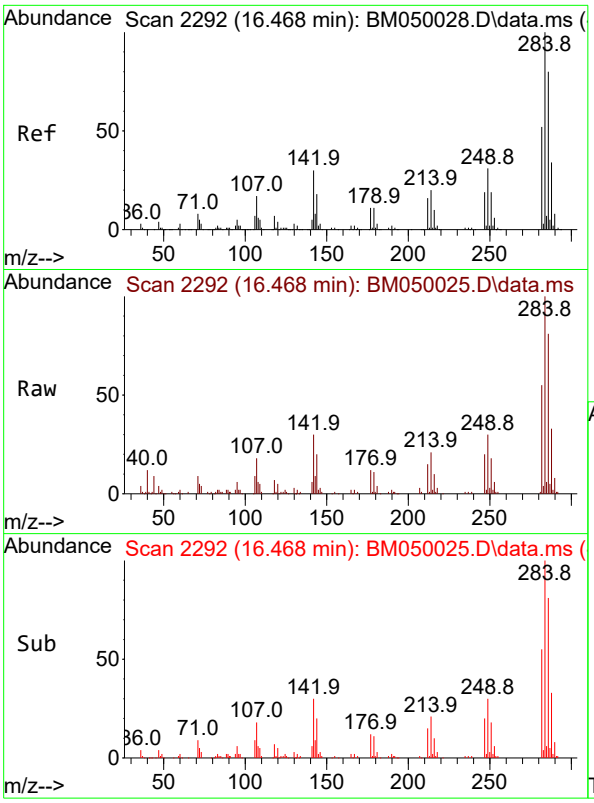


#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.351 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:248 Resp: 66000

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





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

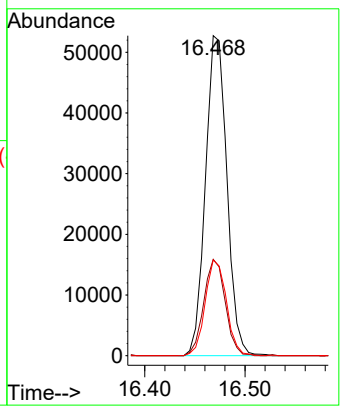
Tgt Ion:284 Resp: 7850

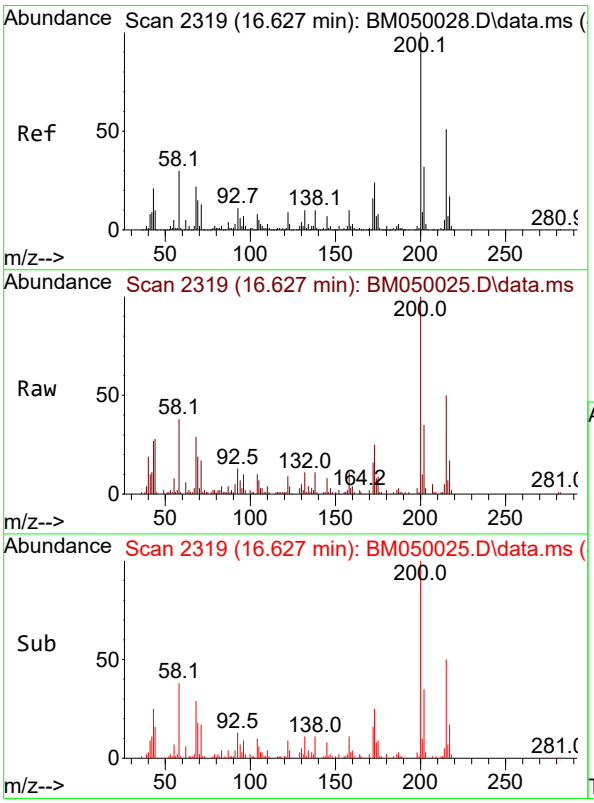
Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	29.9	24.5	36.7

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

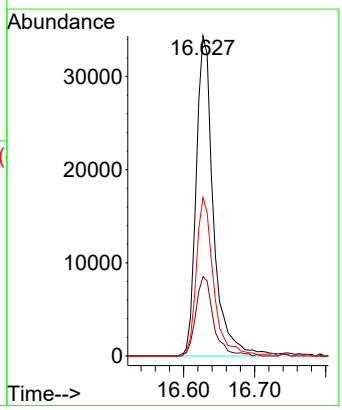


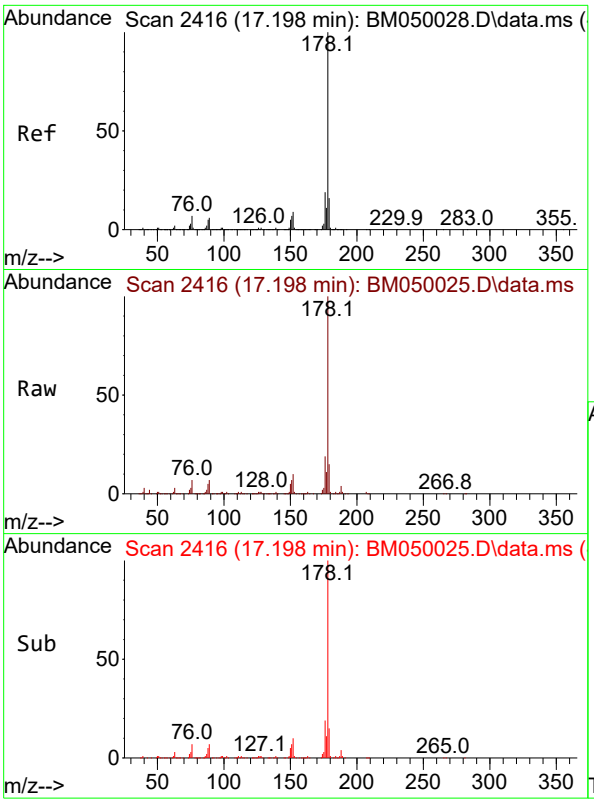


#69
Atrazine
Concen: 4.433 ng
RT: 16.627 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:200 Resp: 58110

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

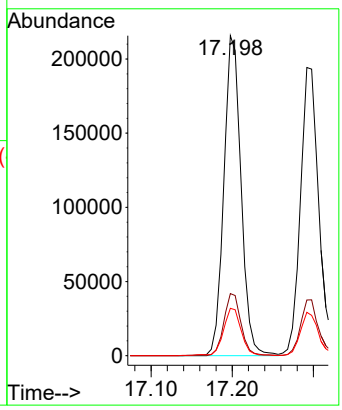




#71
Phenanthrene
Concen: 4.764 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 31795

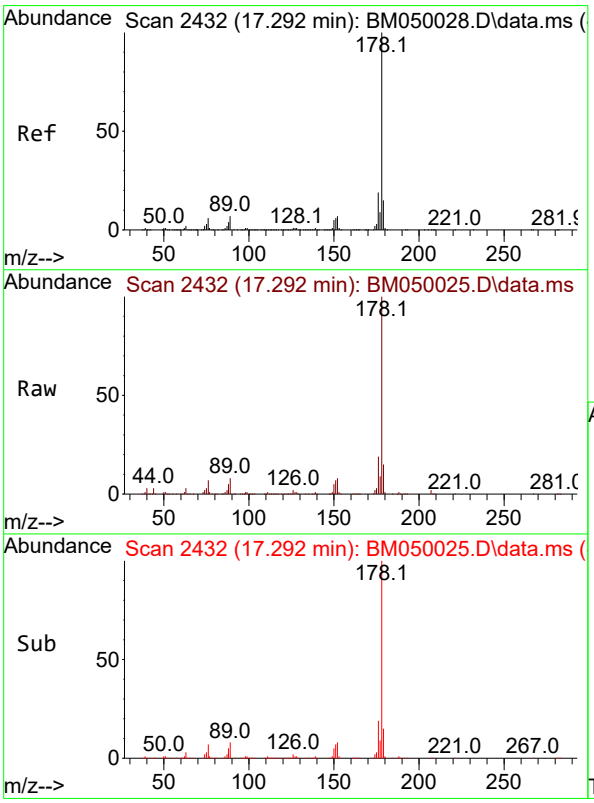
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	14.8	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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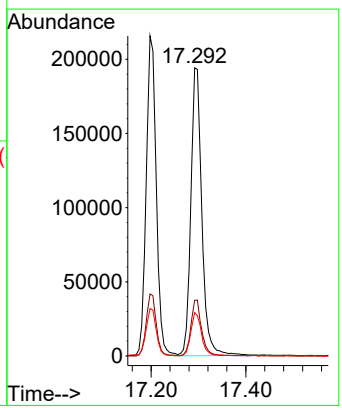
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

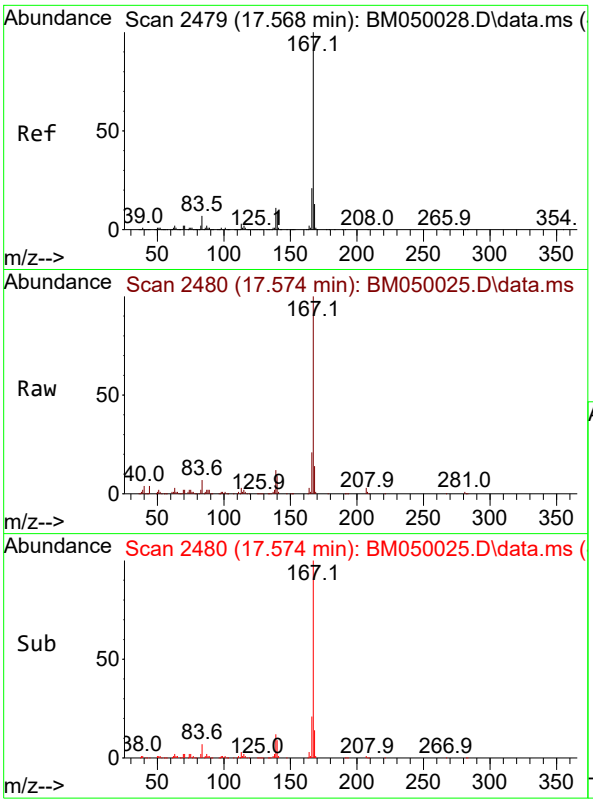


#72
Anthracene
Concen: 4.651 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:178 Resp: 314149

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

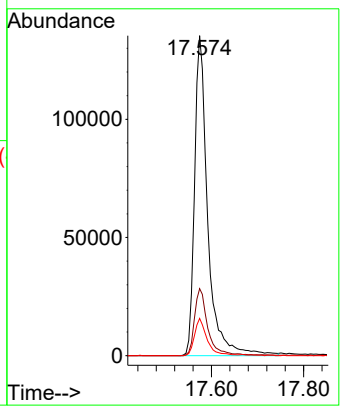




#73
Carbazole
Concen: 4.586 ng
RT: 17.574 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:167 Resp: 26877

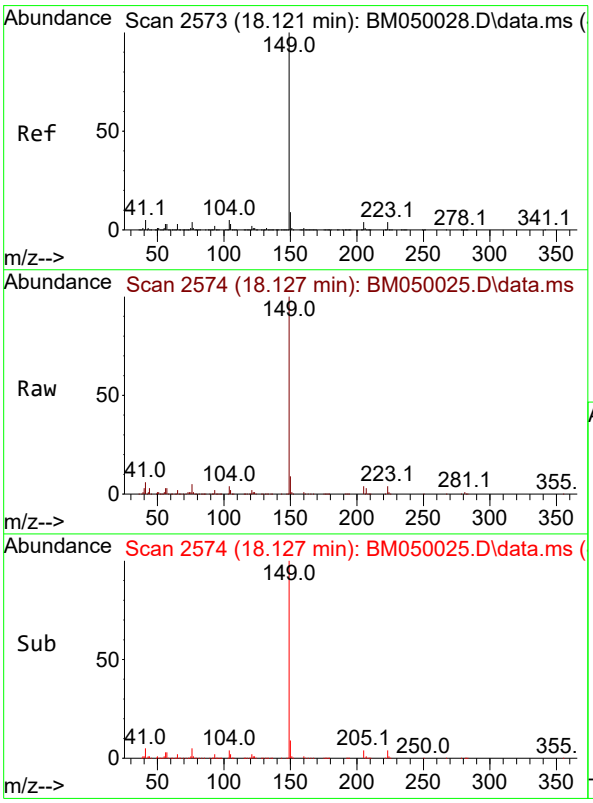
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	11.7	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

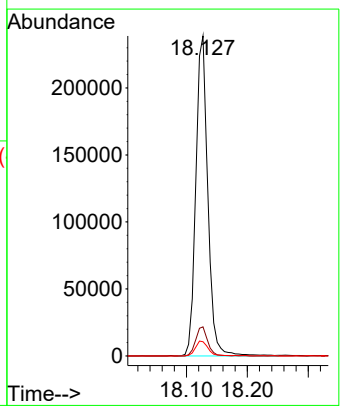
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

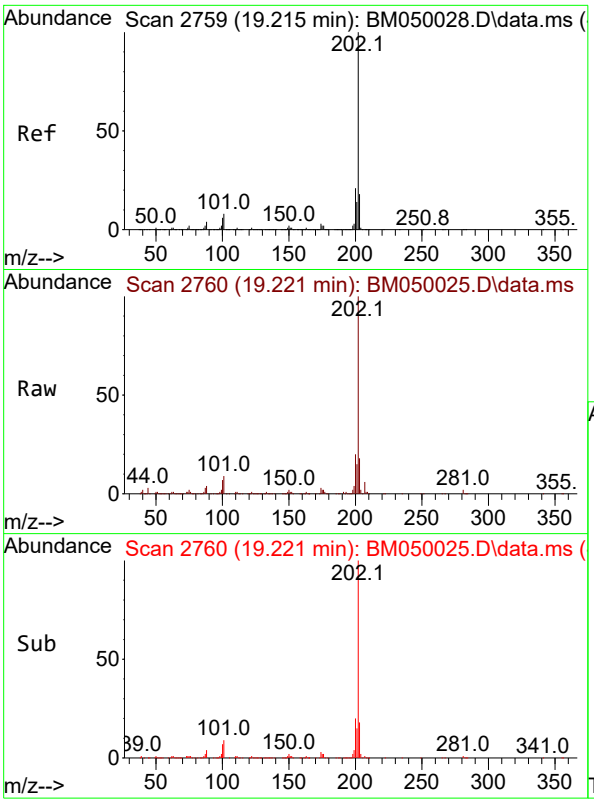


#74
Di-n-butylphthalate
Concen: 4.688 ng
RT: 18.127 min Scan# 2574
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 327178

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

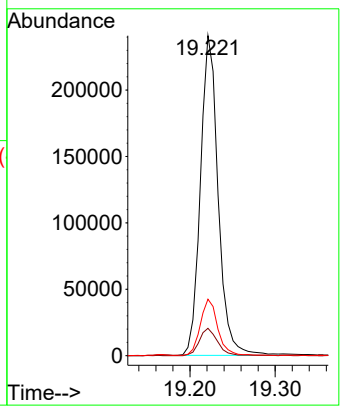




#75
Fluoranthene
Concen: 4.449 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:202 Resp: 34859

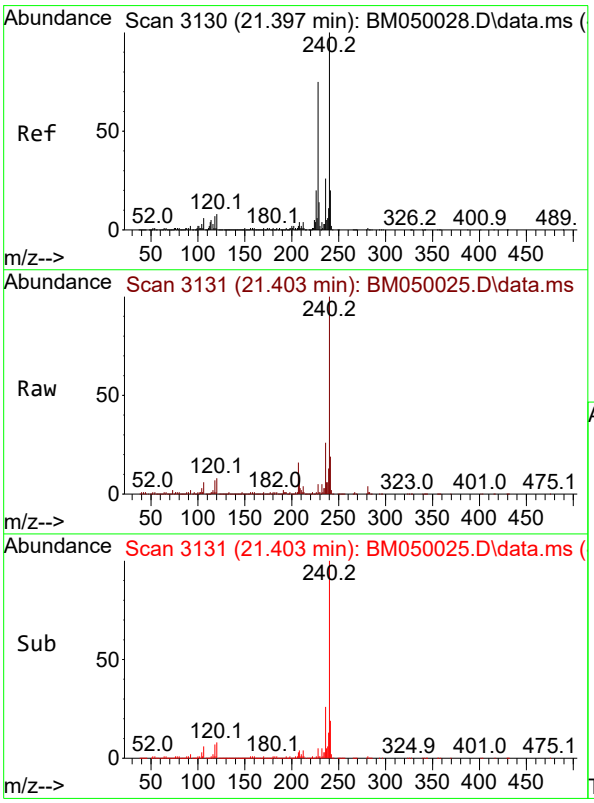
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.0
203	17.6	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

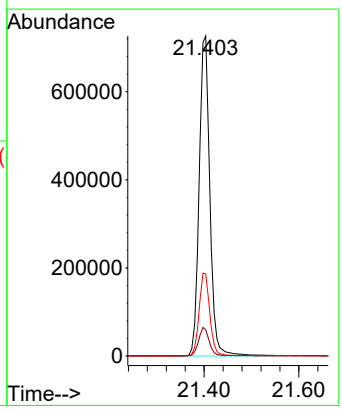
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

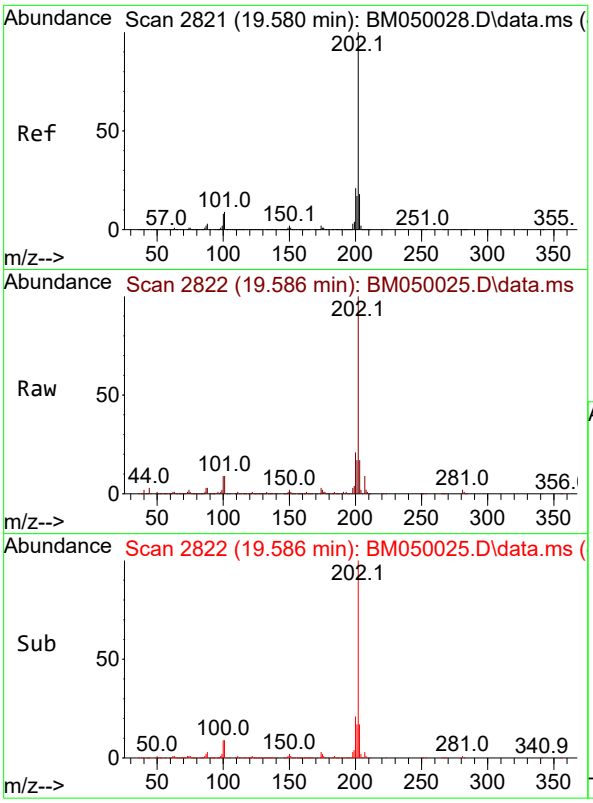


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.403 min Scan# 3131
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:240 Resp: 1136162

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





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

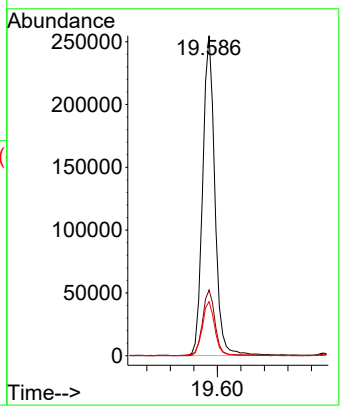
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

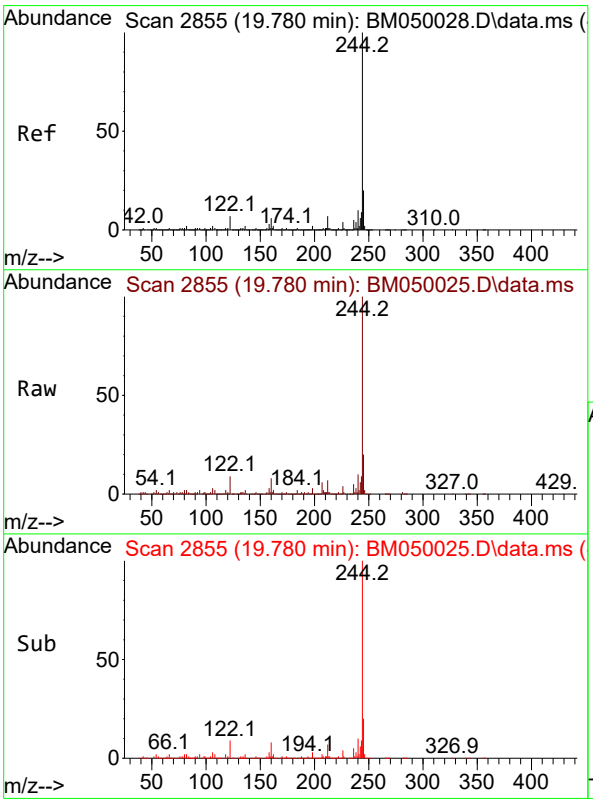
Tgt Ion:202 Resp: 36647

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

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

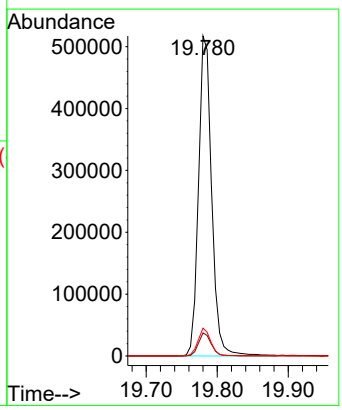


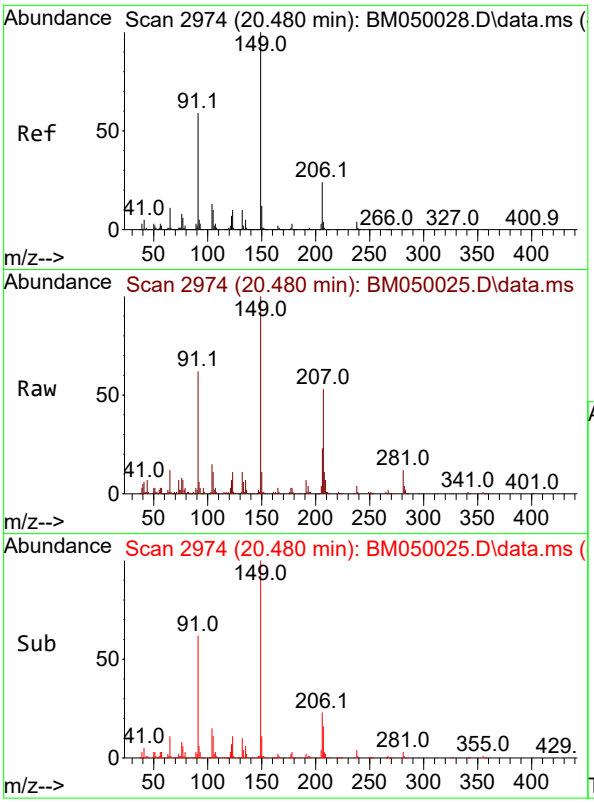


#79
Terphenyl-d14
Concen: 8.704 ng
RT: 19.780 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:244 Resp: 668289

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





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

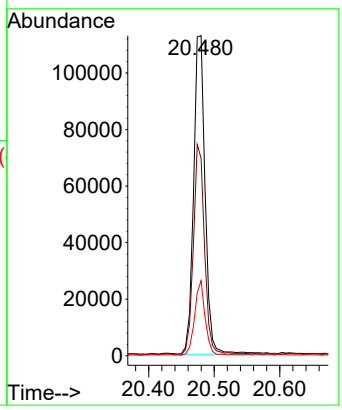
Tgt Ion:149 Resp: 13882

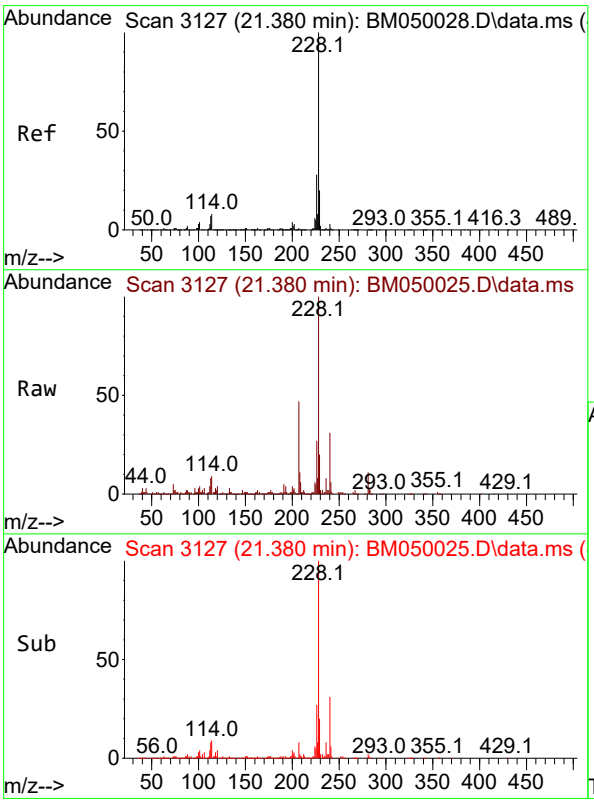
Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	23.4	19.4	29.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

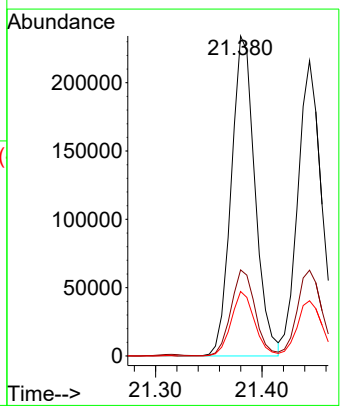


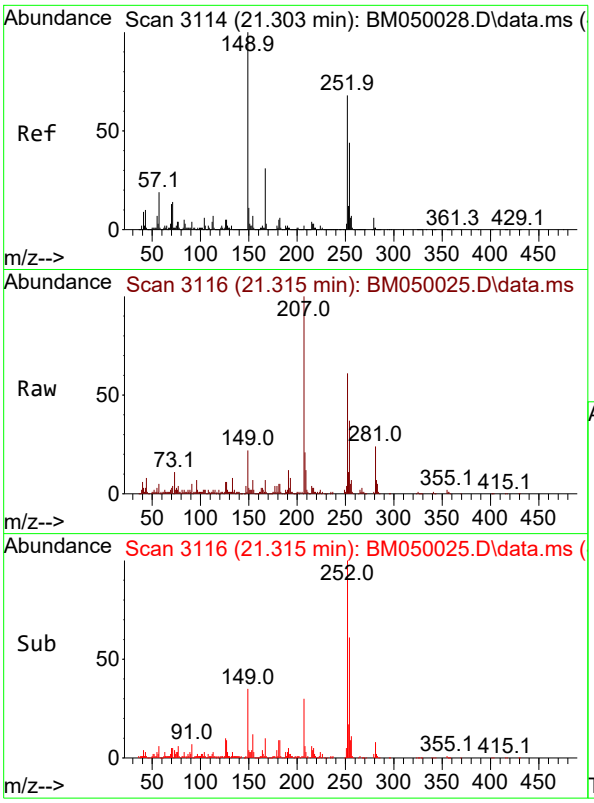


#81
Benzo(a)anthracene
Concen: 4.648 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 363641

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





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

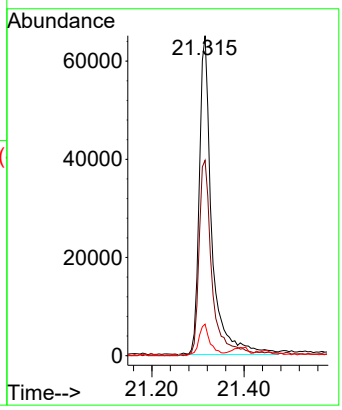
Tgt Ion:252 Resp: 12337

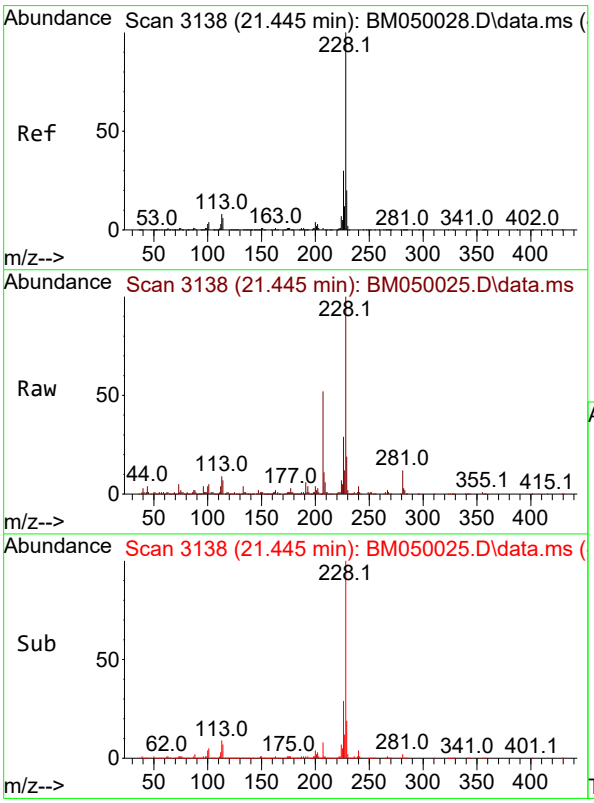
Ion	Ratio	Lower	Upper
252	100		
254	61.0	51.8	77.6
126	9.9	6.0	9.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

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

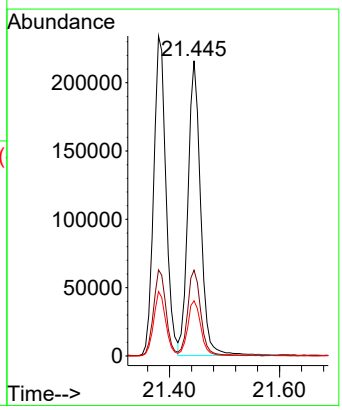


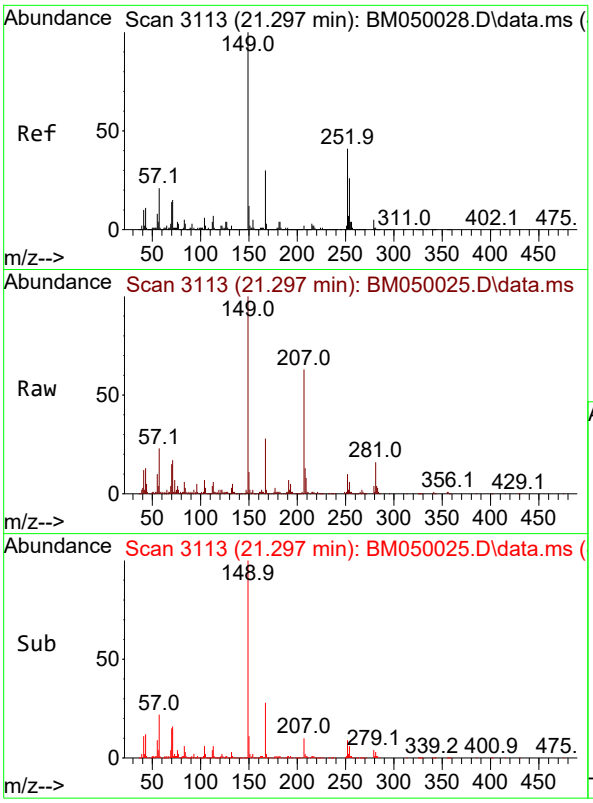


#83
Chrysene
Concen: 4.738 ng
RT: 21.445 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:228 Resp: 343085

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





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

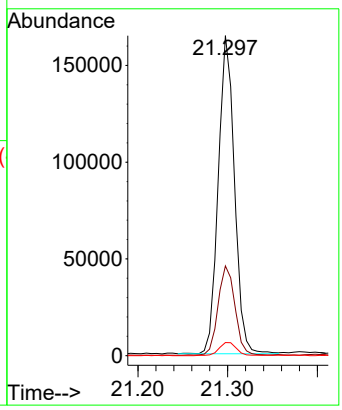
Tgt Ion:149 Resp: 20623

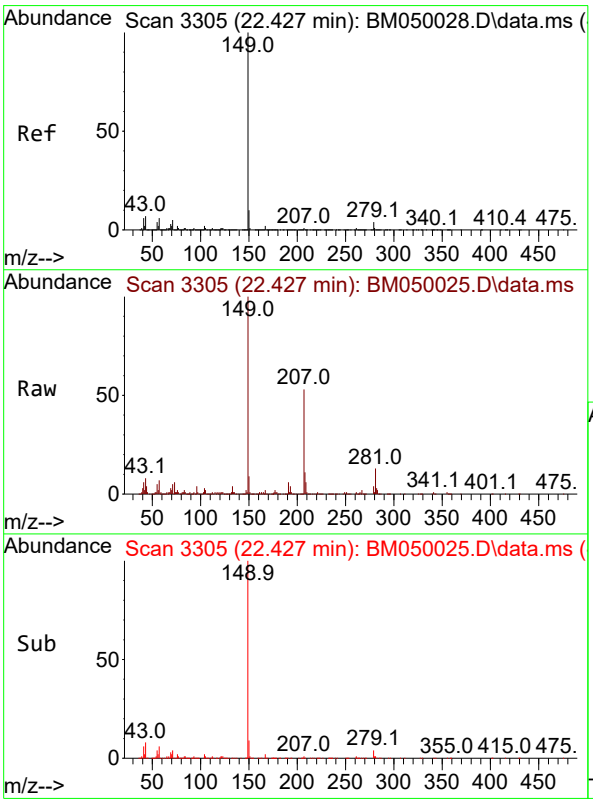
Ion	Ratio	Lower	Upper
149	100		
167	28.0	24.1	36.1
279	4.1	3.9	5.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

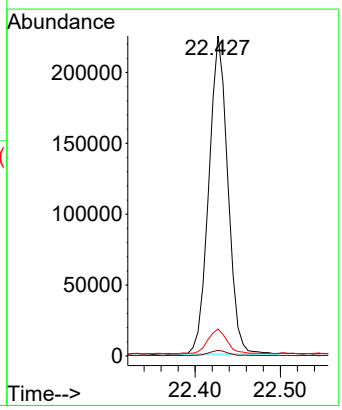


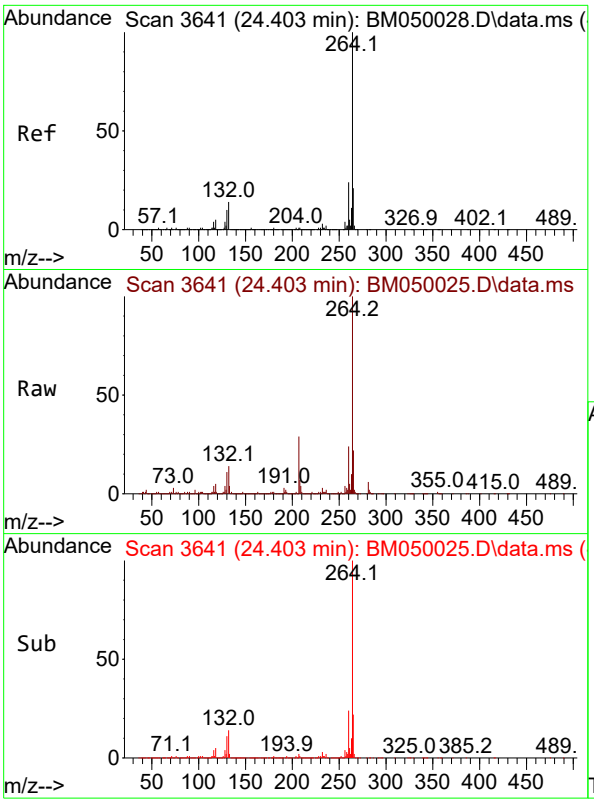


#85
Di-n-octyl phthalate
Concen: 4.711 ng
RT: 22.427 min Scan# 3305
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:149 Resp: 346799

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

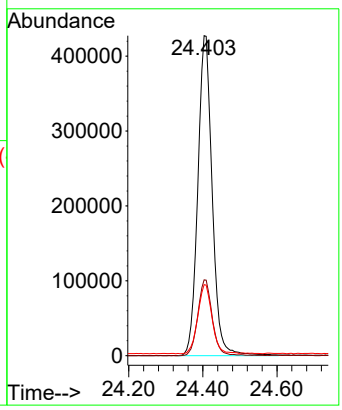




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:264 Resp: 114991

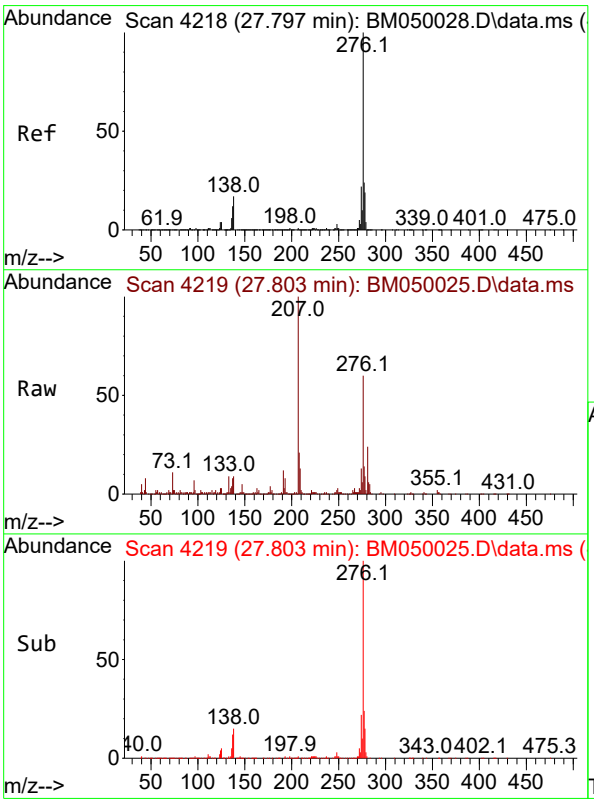
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.2	17.0	25.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

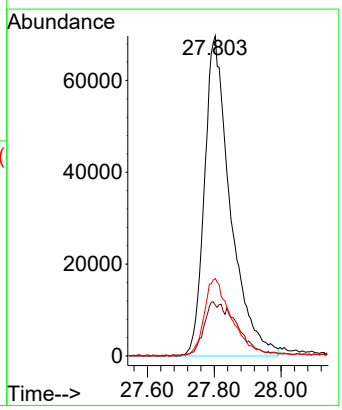
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

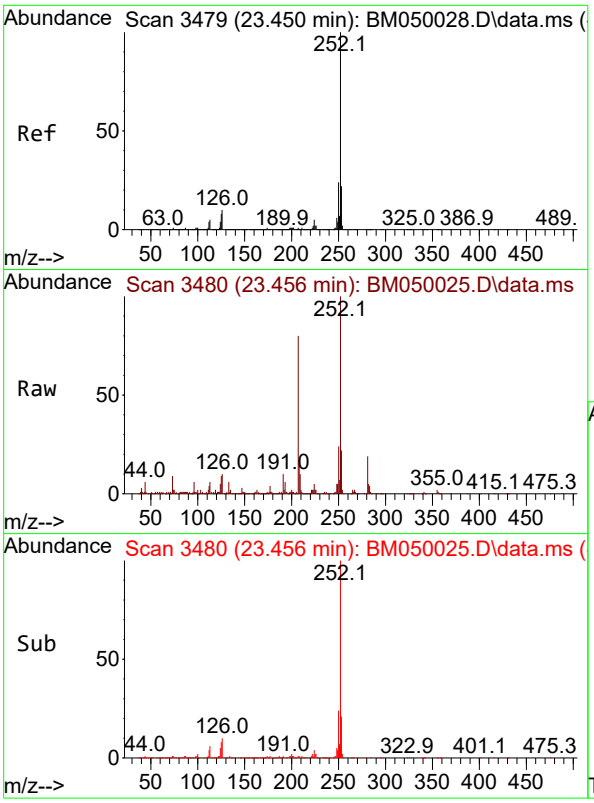


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.364 ng
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 373944

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





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

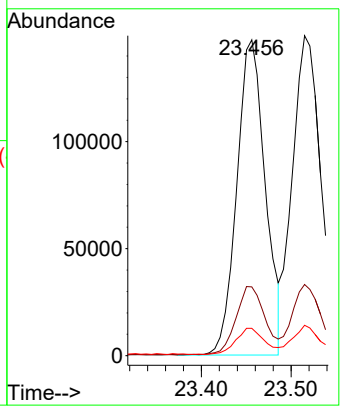
Instrument :
BNA_M
ClientSampleId :
SSTDICC005

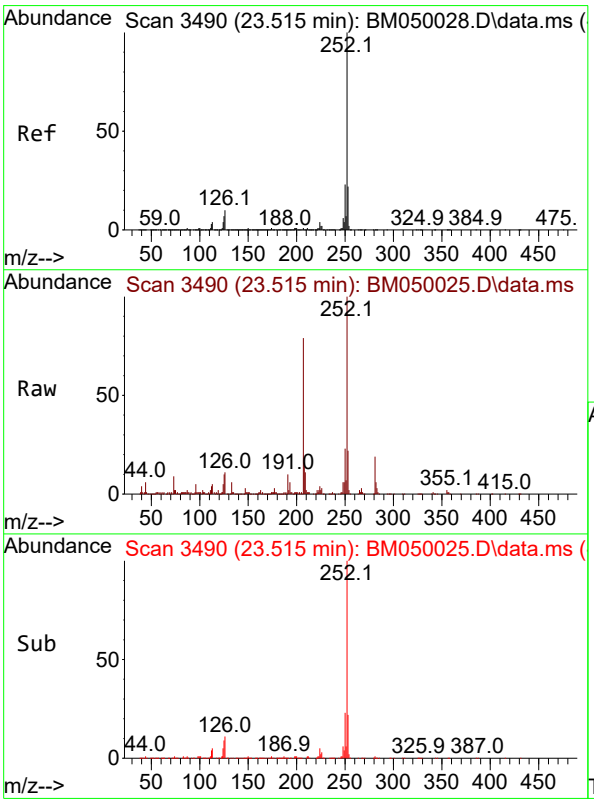
Tgt Ion:252 Resp: 32439

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

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

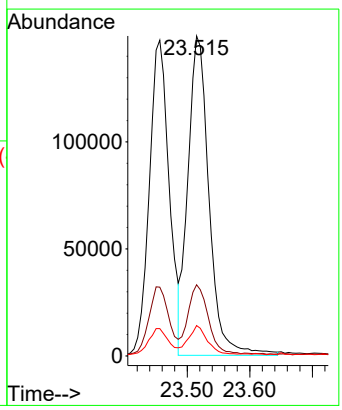


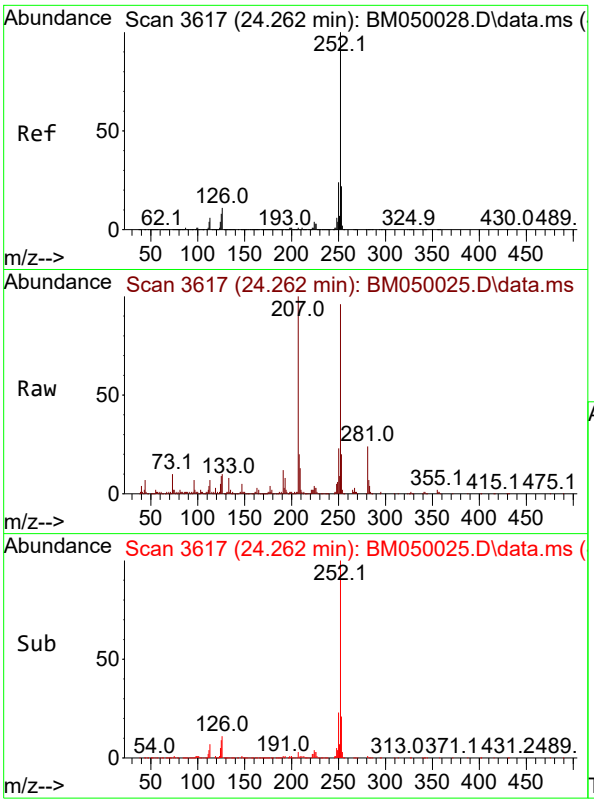


#89
Benzo(k)fluoranthene
Concen: 4.631 ng m
RT: 23.515 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 350374

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

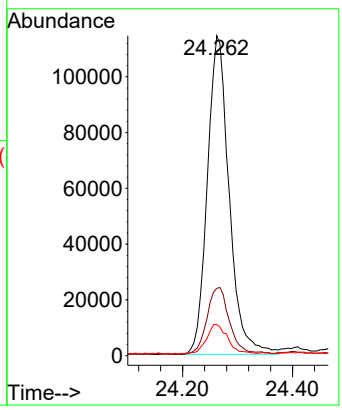




#90
Benzo(a)pyrene
Concen: 4.492 ng
RT: 24.262 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:252 Resp: 31460

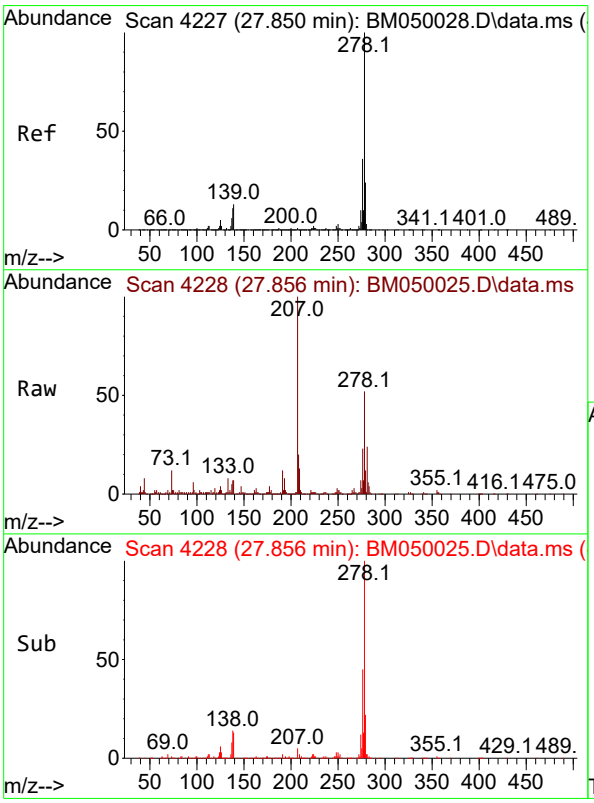
Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	9.7	6.6	9.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

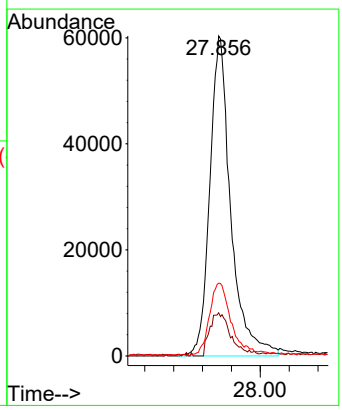
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

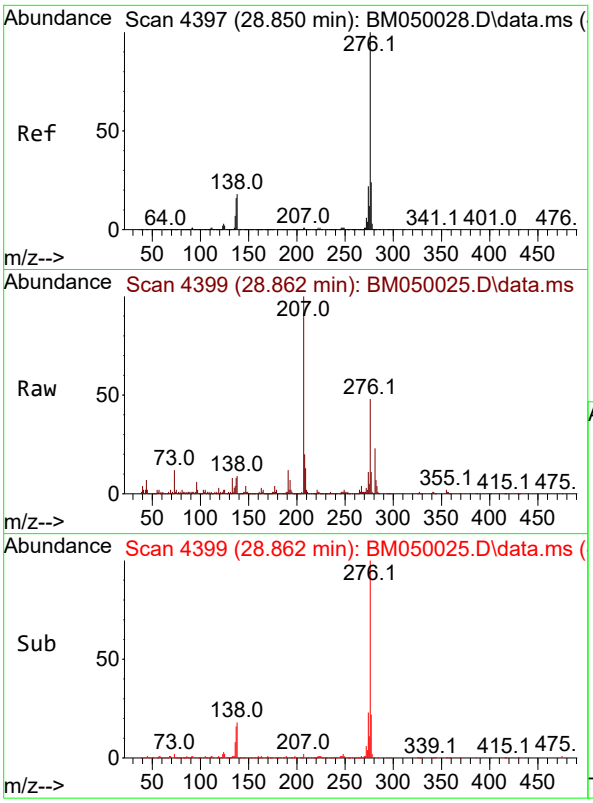


#91
Dibenzo(a,h)anthracene
Concen: 4.346 ng
RT: 27.856 min Scan# 4228
Delta R.T. 0.006 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:278 Resp: 303557

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.5	15.7
279	22.8	19.4	29.0

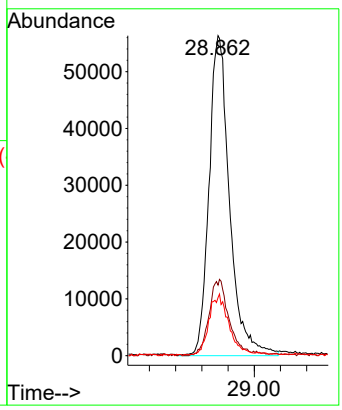




#92
Benzo(g,h,i)perylene
Concen: 4.585 ng
RT: 28.862 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050025.D
Acq: 28 Apr 2025 13:09

Tgt Ion:276 Resp: 30657

Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.1	28.7
138	18.1	14.3	21.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations
APPROVED

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	250110	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	926512	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	636652	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1274608	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1213581	20.000	ng		0.00
86) Perylene-d12	24.403	264	1224339	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	269870	18.894	ng		0.00
7) Phenol-d6	6.957	99	329701	18.366	ng		0.00
23) Nitrobenzene-d5	8.928	82	346334	18.420	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	158339	16.820	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	989917	18.394	ng		0.00
79) Terphenyl-d14	19.780	244	1443528	17.601	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	58048	9.478	ng		98
3) Pyridine	3.663	79	145801	9.266	ng		98
4) n-Nitrosodimethylamine	3.569	42	57404	9.302	ng	#	93
6) Aniline	7.098	93	211256	9.319	ng		100
8) 2-Chlorophenol	7.339	128	145228	9.404	ng		99
9) Benzaldehyde	6.916	77	115030m	9.587	ng		
10) Phenol	6.981	94	168041	9.246	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	138197	9.107	ng		100
12) 1,3-Dichlorobenzene	7.657	146	178565	9.572	ng		96
13) 1,4-Dichlorobenzene	7.804	146	177312	9.461	ng		99
14) 1,2-Dichlorobenzene	8.122	146	174224	9.624	ng		100
15) Benzyl Alcohol	8.022	79	110234	8.854	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.292	45	177776	9.637	ng		97
17) 2-Methylphenol	8.228	107	111639	9.325	ng		99
18) Hexachloroethane	8.845	117	63487	9.530	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	110641	9.609	ng		98
20) 3+4-Methylphenols	8.563	107	146303	9.049	ng		99
22) Acetophenone	8.592	105	214790	9.325	ng		98
24) Nitrobenzene	8.969	77	150534	9.259	ng		99
25) Isophorone	9.498	82	300179	9.366	ng		99
26) 2-Nitrophenol	9.686	139	72521	8.732	ng		97
27) 2,4-Dimethylphenol	9.757	122	123406	8.960	ng		97
28) bis(2-Chloroethoxy)met...	9.975	93	184837	9.331	ng		99
29) 2,4-Dichlorophenol	10.245	162	137916	8.938	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	177721	9.453	ng		97
31) Naphthalene	10.610	128	444206	9.467	ng		99
32) Benzoic acid	9.875	122	63971m	7.282	ng		
33) 4-Chloroaniline	10.739	127	181907	9.458	ng		99
34) Hexachlorobutadiene	10.898	225	111307	9.327	ng		99
35) Caprolactam	11.516	113	39344	8.745	ng		94
36) 4-Chloro-3-methylphenol	11.880	107	131076	9.194	ng		98
37) 2-Methylnaphthalene	12.227	142	296053	9.411	ng		97
38) 1-Methylnaphthalene	12.451	142	312512	9.387	ng		97
40) 1,2,4,5-Tetrachloroben...	12.604	216	197943	8.981	ng		99
41) Hexachlorocyclopentadiene	12.580	237	96522	7.166	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	121240	8.673	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	132882	8.815	ng		96
46) 1,1'-Biphenyl	13.245	154	443960	9.381	ng		99
47) 2-Chloronaphthalene	13.286	162	354101	9.447	ng		99
48) 2-Nitroaniline	13.498	65	77101	8.764	ng		94
49) Acenaphthylene	14.133	152	545774	9.235	ng		100
50) Dimethylphthalate	13.868	163	438261	9.419	ng		99
51) 2,6-Dinitrotoluene	13.992	165	86242	8.953	ng		98
52) Acenaphthene	14.474	154	317735	9.288	ng		98
53) 3-Nitroaniline	14.333	138	78720	8.559	ng	#	99
54) 2,4-Dinitrophenol	14.563	184	31979	10.558	ng		96
55) Dibenzofuran	14.810	168	535023	9.401	ng		99
56) 4-Nitrophenol	14.710	139	40722	9.668	ng		96
57) 2,4-Dinitrotoluene	14.792	165	116476	8.750	ng		95
58) Fluorene	15.462	166	427384	9.174	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	115185	8.828	ng		98
60) Diethylphthalate	15.233	149	414149	9.447	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	227926	8.908	ng		94
62) 4-Nitroaniline	15.498	138	74565m	8.397	ng		
63) Azobenzene	15.745	77	347347	9.454	ng		99
65) 4,6-Dinitro-2-methylph...	15.562	198	56182	7.042	ng		93
66) n-Nitrosodiphenylamine	15.668	169	364601	9.315	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	137532	8.923	ng		99
68) Hexachlorobenzene	16.468	284	160195	9.016	ng		99
69) Atrazine	16.621	200	126168	8.937	ng		98
70) Pentachlorophenol	16.827	266	74839	7.483	ng		95
71) Phenanthrene	17.198	178	659374	9.172	ng		100
72) Anthracene	17.292	178	661260	9.089	ng		99
73) Carbazole	17.568	167	573667	9.087	ng		99
74) Di-n-butylphthalate	18.121	149	689248	9.168	ng		99
75) Fluoranthene	19.221	202	727607	8.621	ng		99
77) Benzidine	19.415	184	339970	7.887	ng		99
78) Pyrene	19.586	202	761625	8.937	ng		99
80) Butylbenzylphthalate	20.474	149	290617	9.105	ng		93
81) Benzo(a)anthracene	21.380	228	747128	8.940	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	262017	8.190	ng		100
83) Chrysene	21.444	228	709862	9.178	ng		99
84) Bis(2-ethylhexyl)phtha...	21.297	149	439949	9.228	ng		98
85) Di-n-octyl phthalate	22.427	149	726208	9.236	ng		99
87) Indeno(1,2,3-cd)pyrene	27.791	276	791344	8.674	ng		99
88) Benzo(b)fluoranthene	23.450	252	703118	8.831	ng		98
89) Benzo(k)fluoranthene	23.515	252	704142	8.741	ng		99
90) Benzo(a)pyrene	24.262	252	652617	8.751	ng		99
91) Dibenzo(a,h)anthracene	27.844	278	638913	8.591	ng		98
92) Benzo(g,h,i)perylene	28.850	276	630261	8.852	ng		99

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

ICAL Form

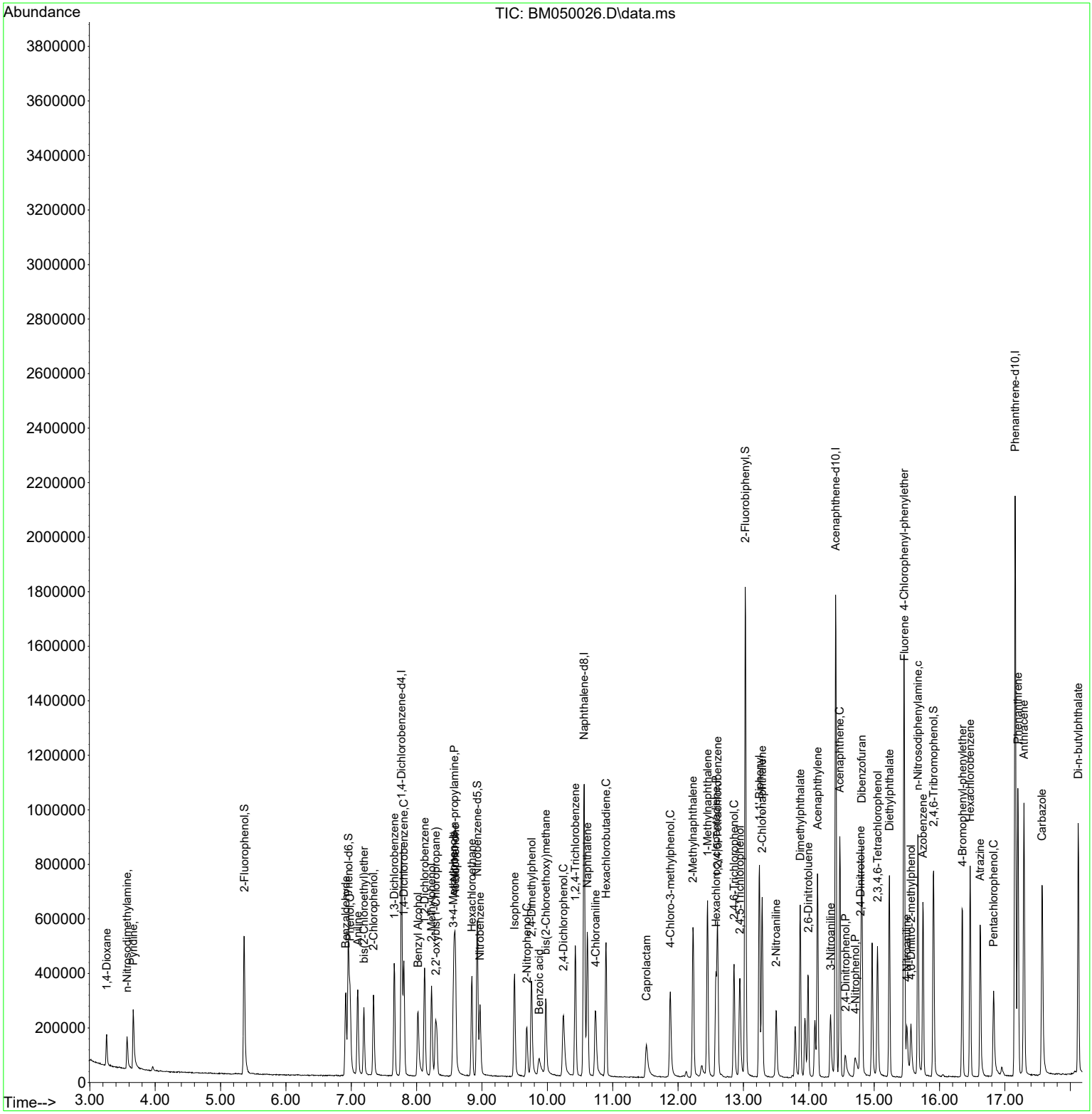
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Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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



ICAL Form

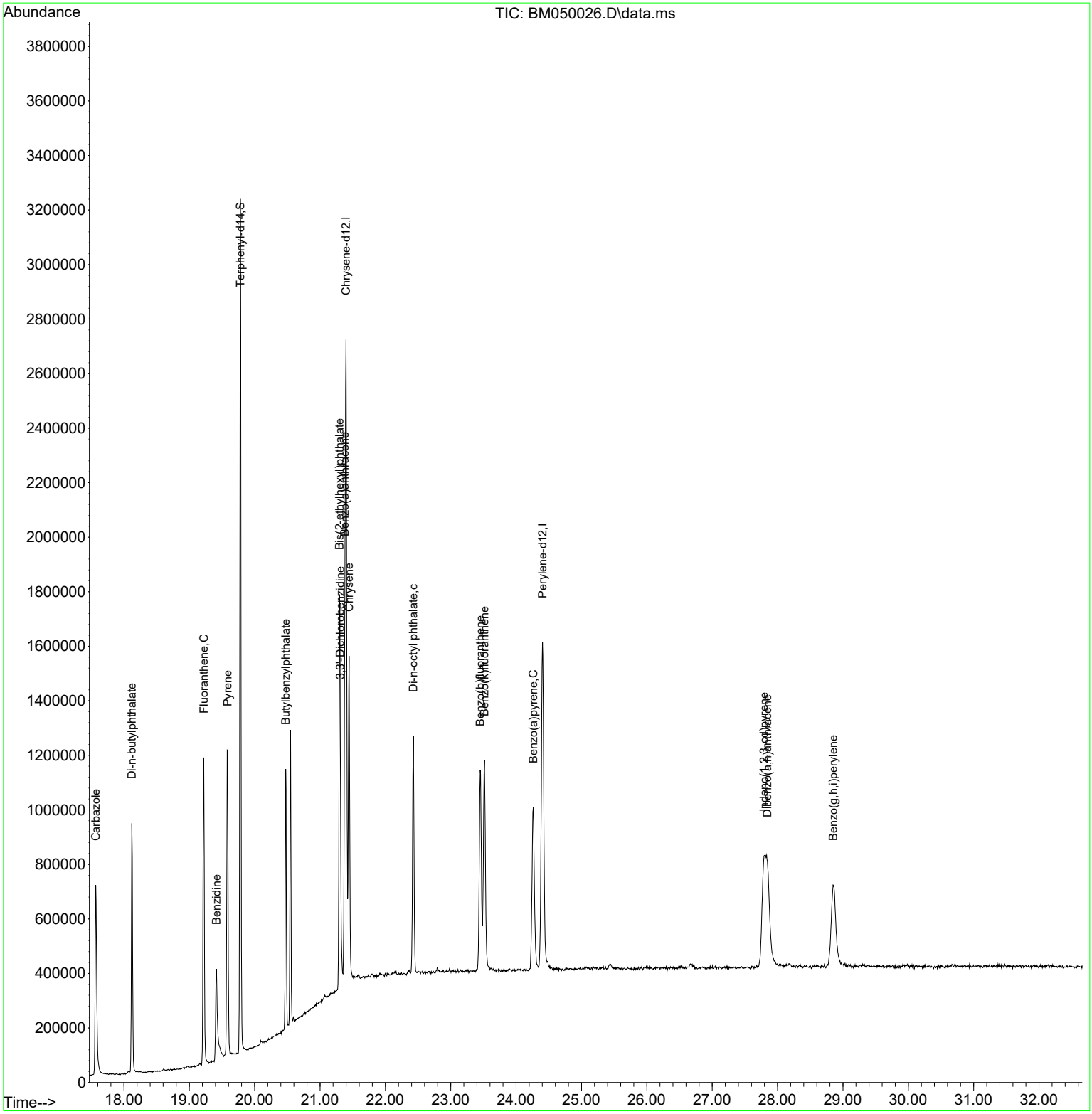
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Data File : BM050026.D
Acq On : 28 Apr 2025 13:48
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

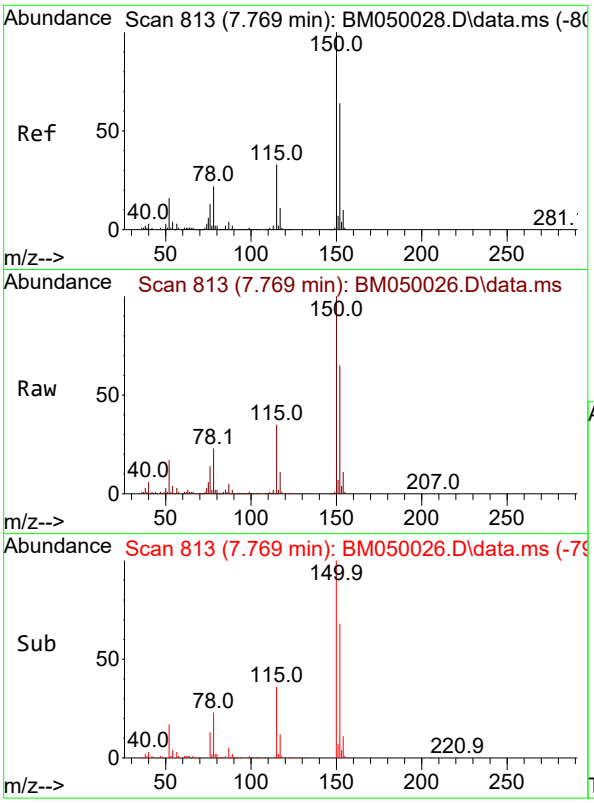
Quant Time: Apr 28 17:54:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/29/2025
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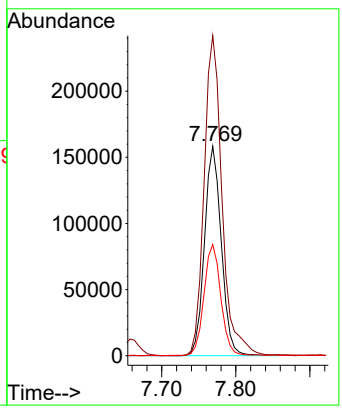




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 25011

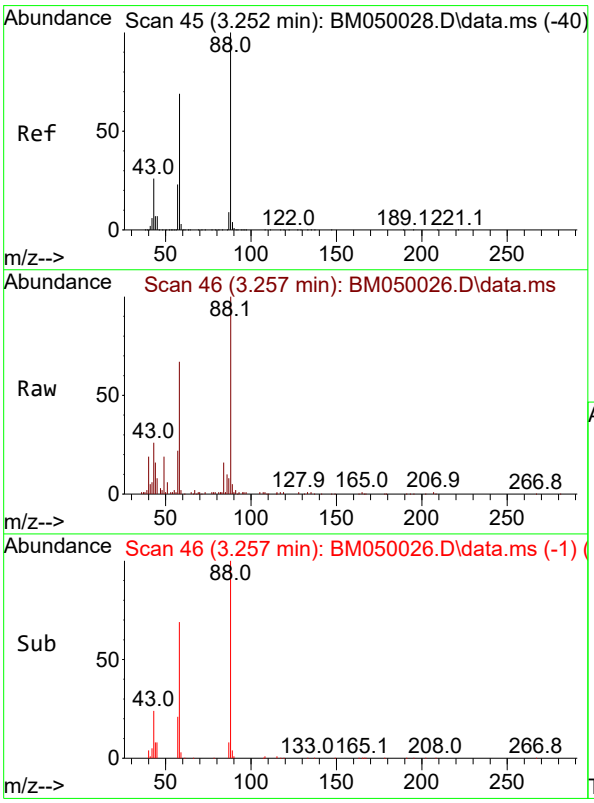
Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.1	186.1
115	53.1	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

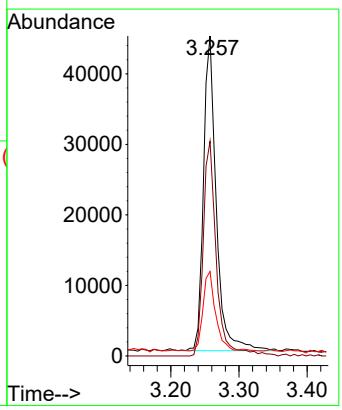
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

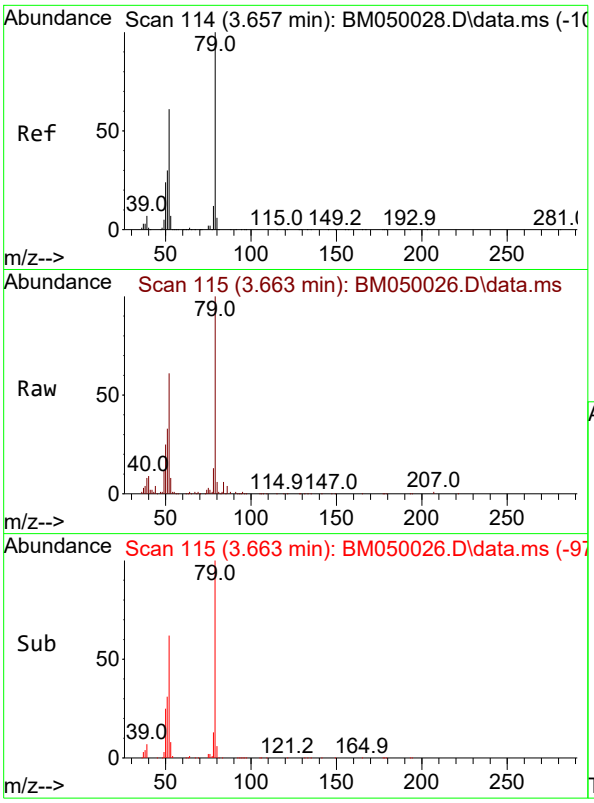


#2
1,4-Dioxane
Concen: 9.478 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 88 Resp: 58048

Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.1	82.7
43	24.7	20.9	31.3





#3
Pyridine
Concen: 9.266 ng
RT: 3.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

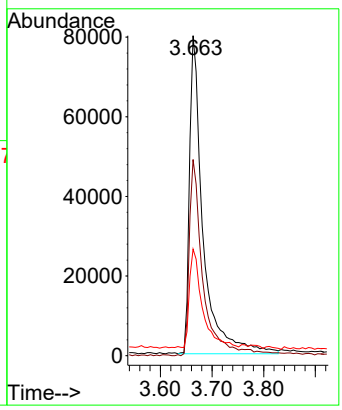
Tgt Ion: 79 Resp: 14580

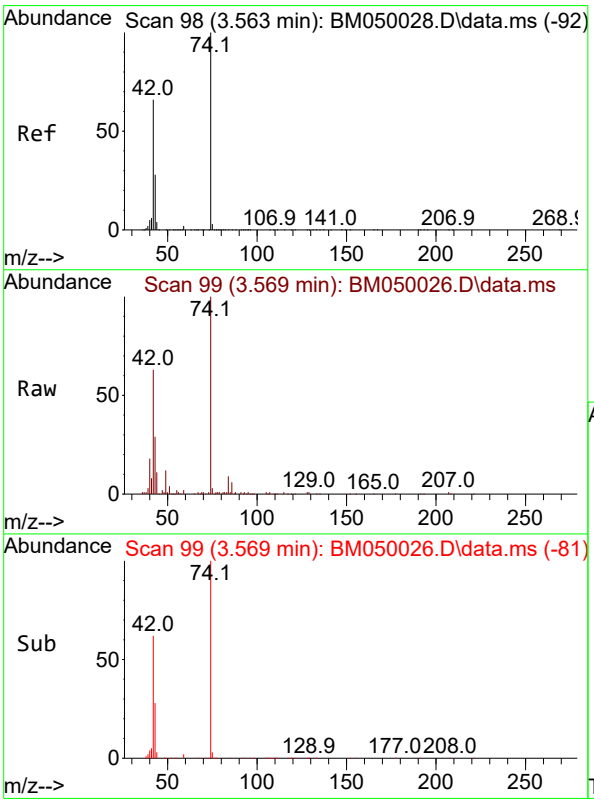
Ion	Ratio	Lower	Upper
79	100		
52	61.3	48.6	72.8
51	33.3	24.6	37.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

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

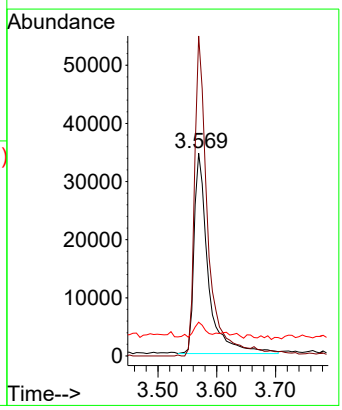


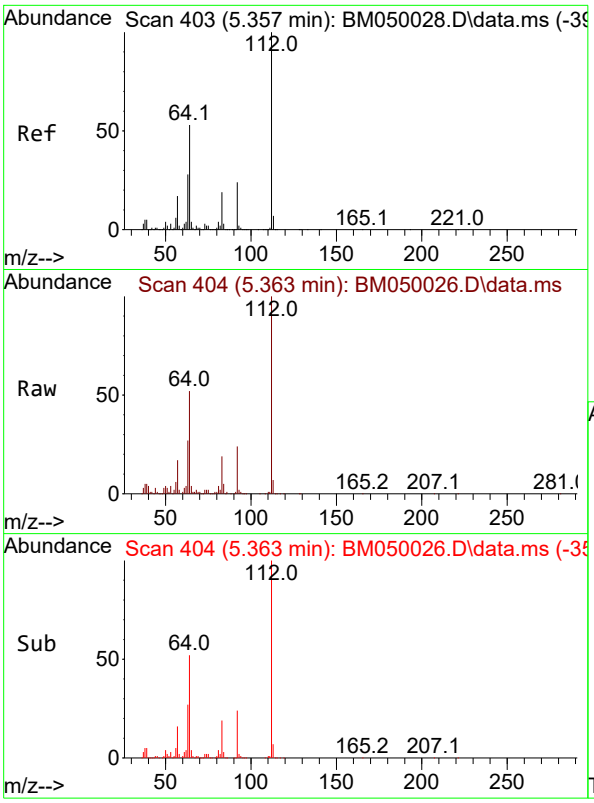


#4
n-Nitrosodimethylamine
Concen: 9.302 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 42 Resp: 57404

Ion	Ratio	Lower	Upper
42	100		
74	157.9	120.2	180.2
44	16.6	6.2	9.2#





#5
2-Fluorophenol
Concen: 18.894 ng
RT: 5.363 min Scan# 4(
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

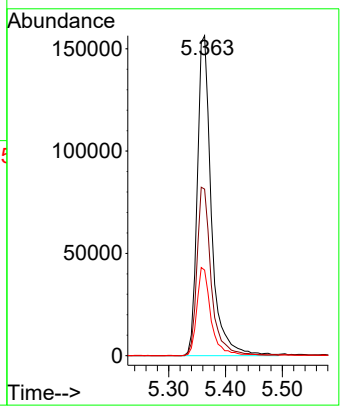
Tgt Ion:112 Resp: 26987(

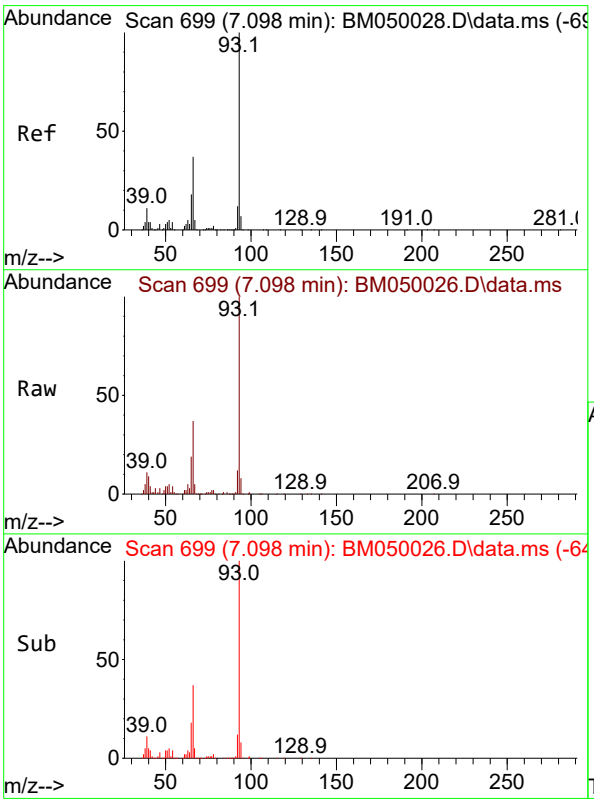
Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	26.8	22.2	33.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

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

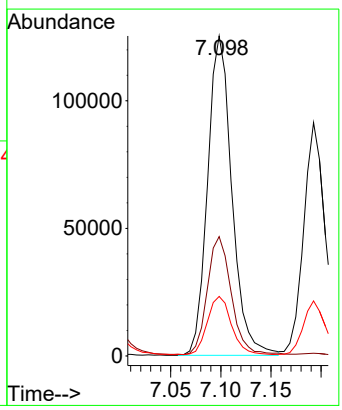


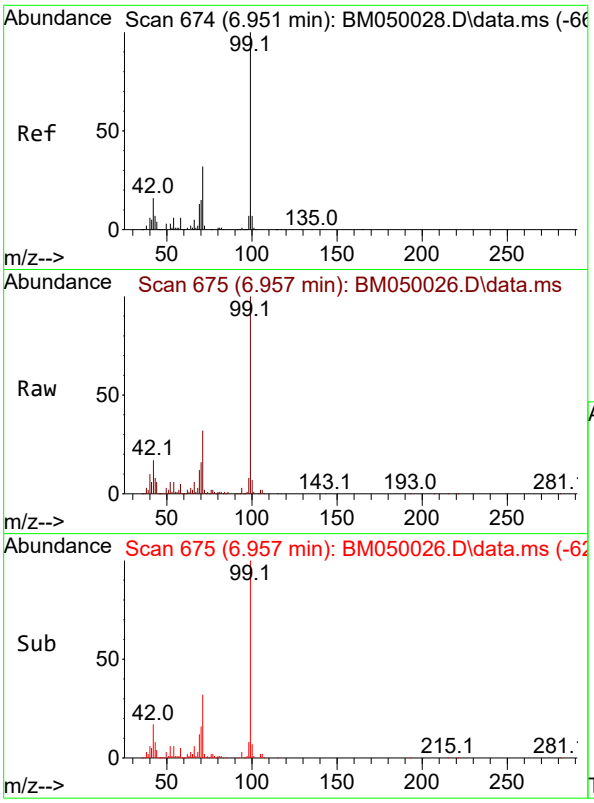


#6
Aniline
Concen: 9.319 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 211256

Ion	Ratio	Lower	Upper
93	100		
66	37.3	29.9	44.9
65	18.6	14.5	21.7

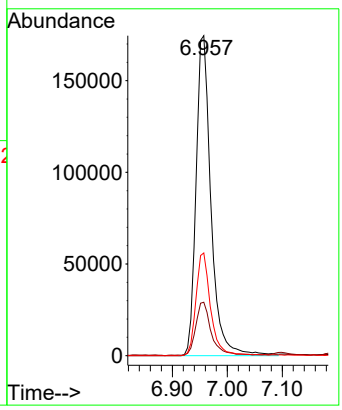




#7
Phenol-d6
Concen: 18.366 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 99 Resp: 32970

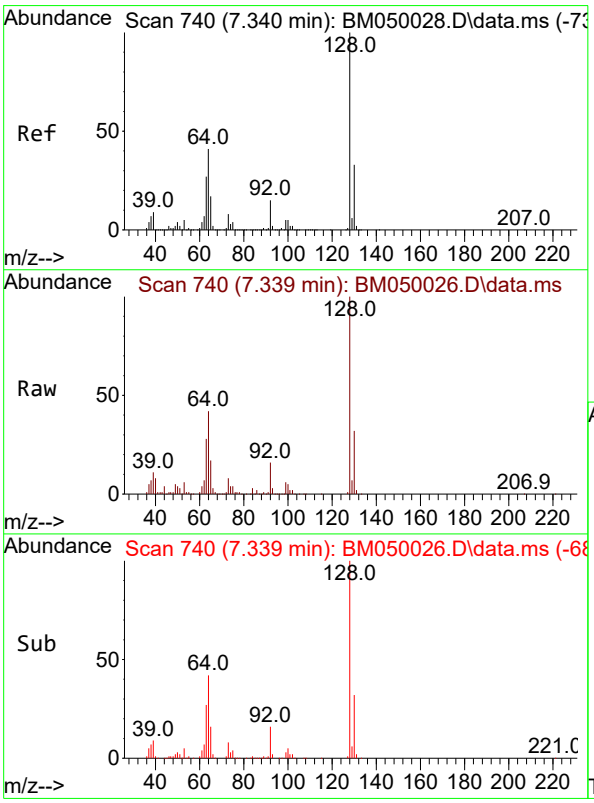
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.4
71	32.1	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

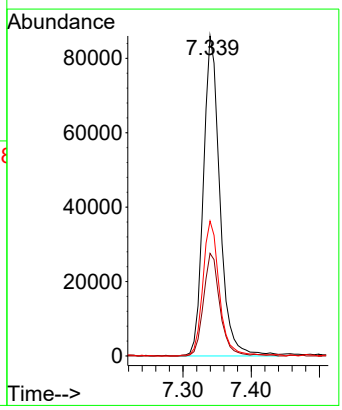
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

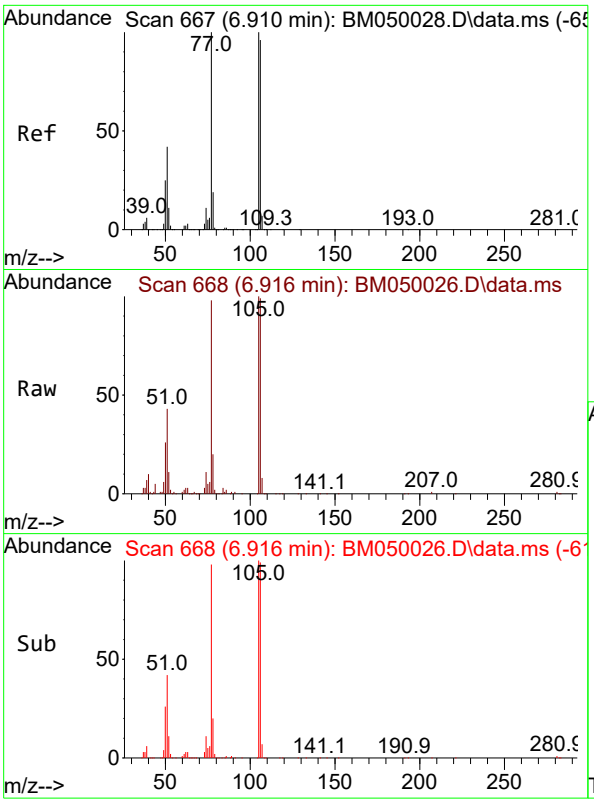


#8
2-Chlorophenol
Concen: 9.404 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 145228

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	42.2	21.2	61.2

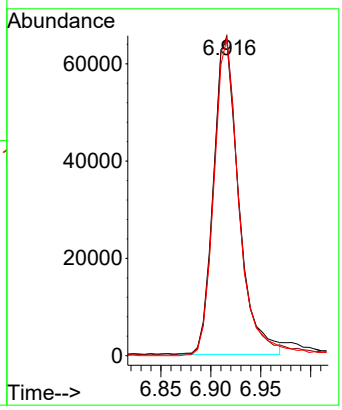




#9
Benzaldehyde
Concen: 9.587 ng m
RT: 6.916 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 11503

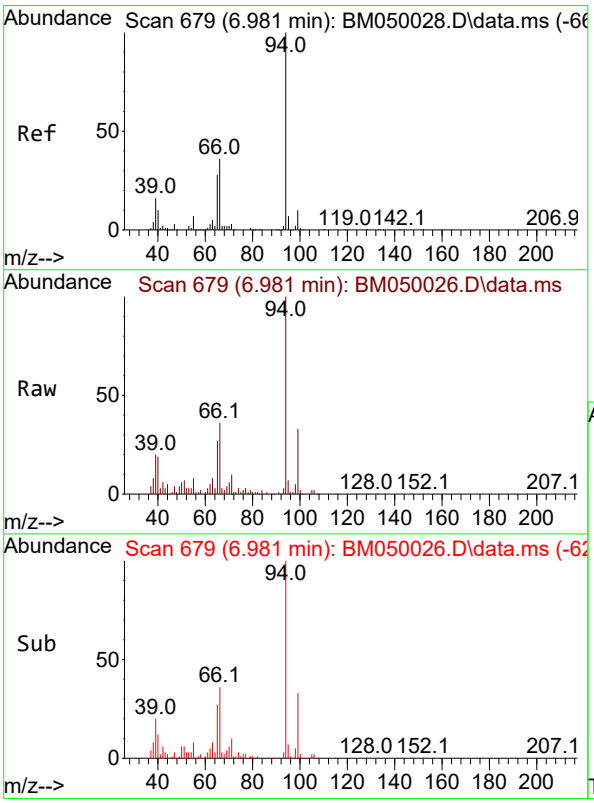
Ion	Ratio	Lower	Upper
77	100		
105	101.6	80.5	120.5
106	100.5	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

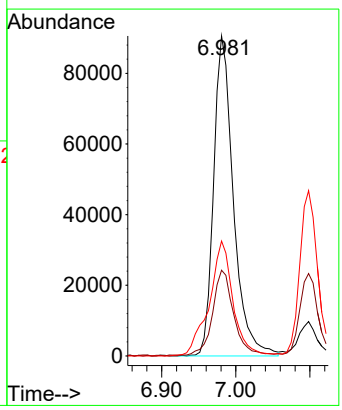
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

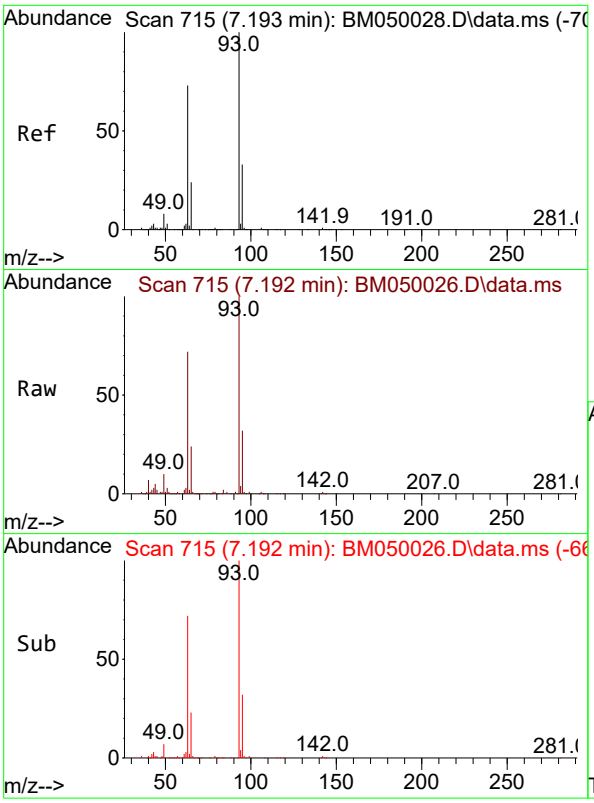


#10
Phenol
Concen: 9.246 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 94 Resp: 168041

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.6	47.6
66	35.9	15.8	55.8

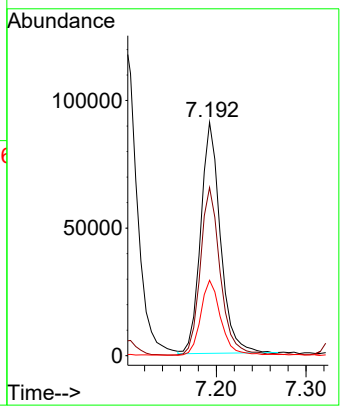




#11
bis(2-Chloroethyl)ether
Concen: 9.107 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 13819

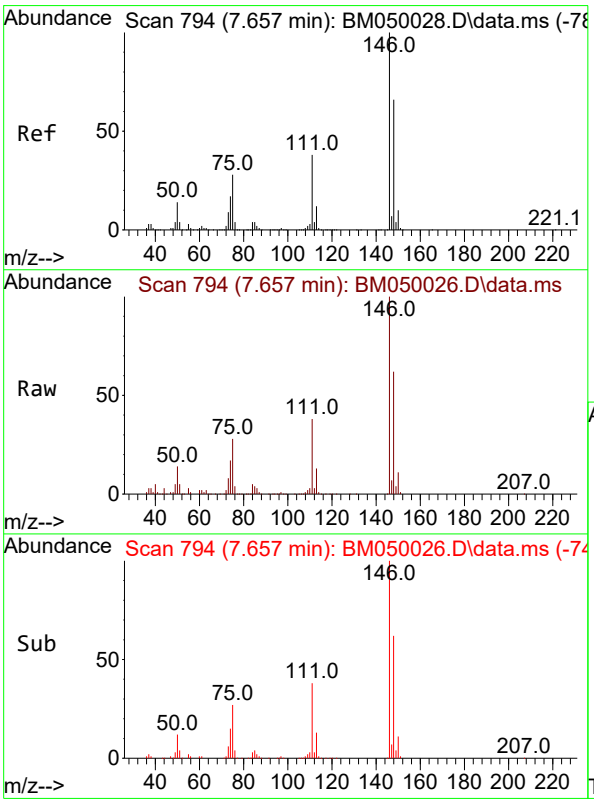
Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.3	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

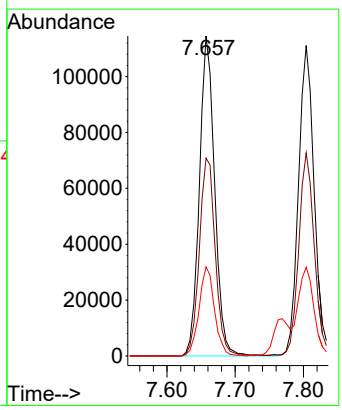
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

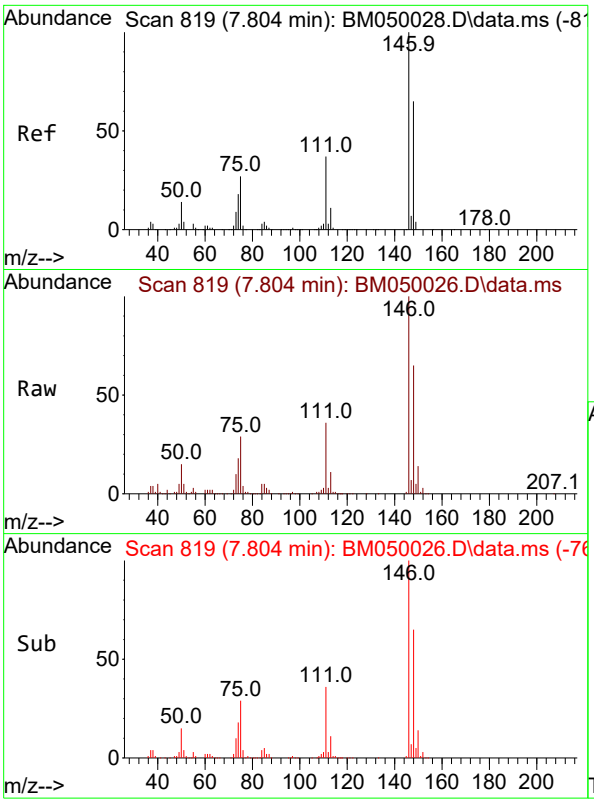


#12
1,3-Dichlorobenzene
Concen: 9.572 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 178565

Ion	Ratio	Lower	Upper
146	100		
148	61.8	52.5	78.7
75	27.8	22.6	34.0

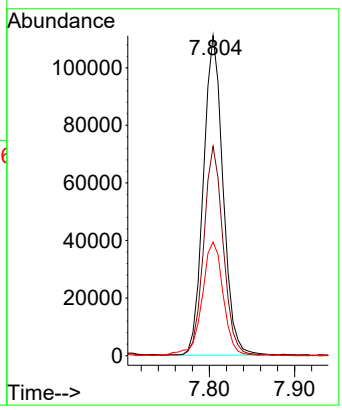




#13
1,4-Dichlorobenzene
Concen: 9.461 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 17731

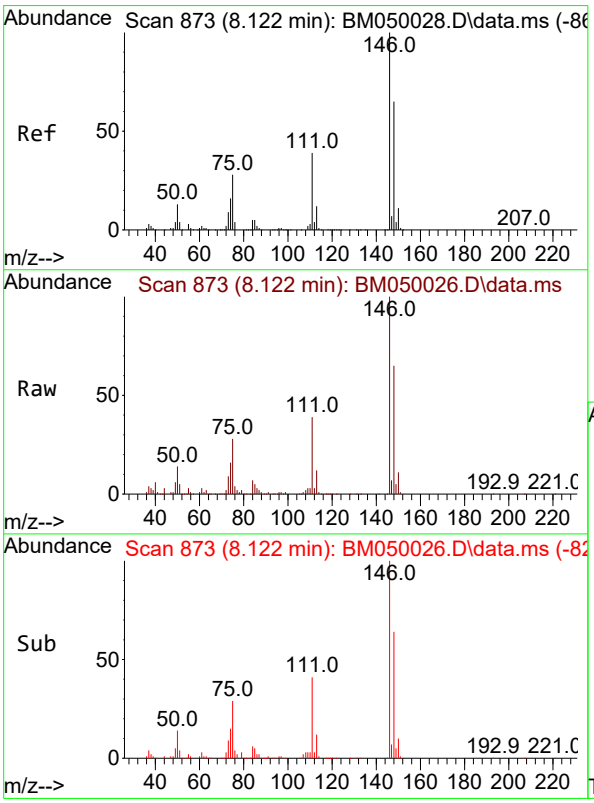
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	35.5	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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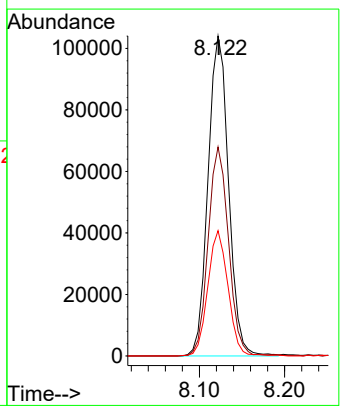
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

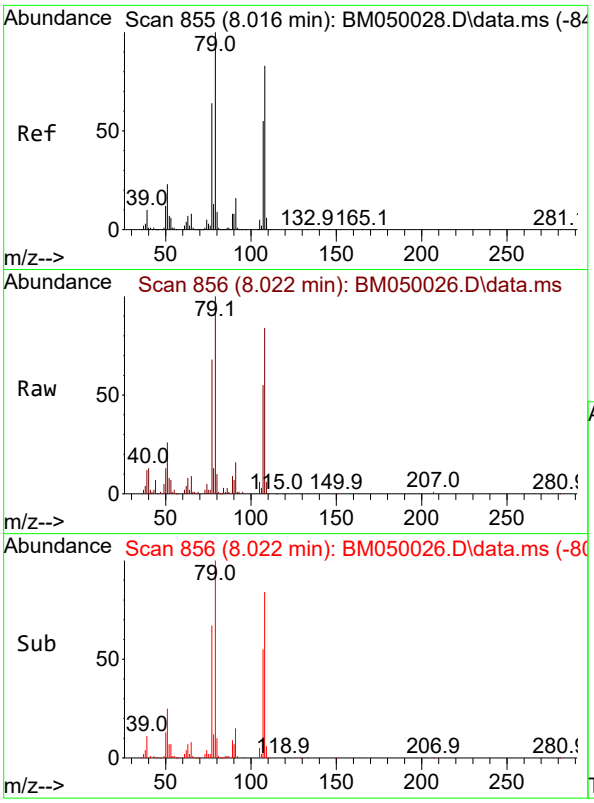


#14
1,2-Dichlorobenzene
Concen: 9.624 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:146 Resp: 174224

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	39.2	31.0	46.6

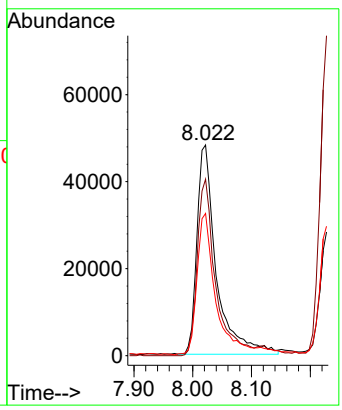




#15
Benzyl Alcohol
Concen: 8.854 ng
RT: 8.022 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 79 Resp: 11023

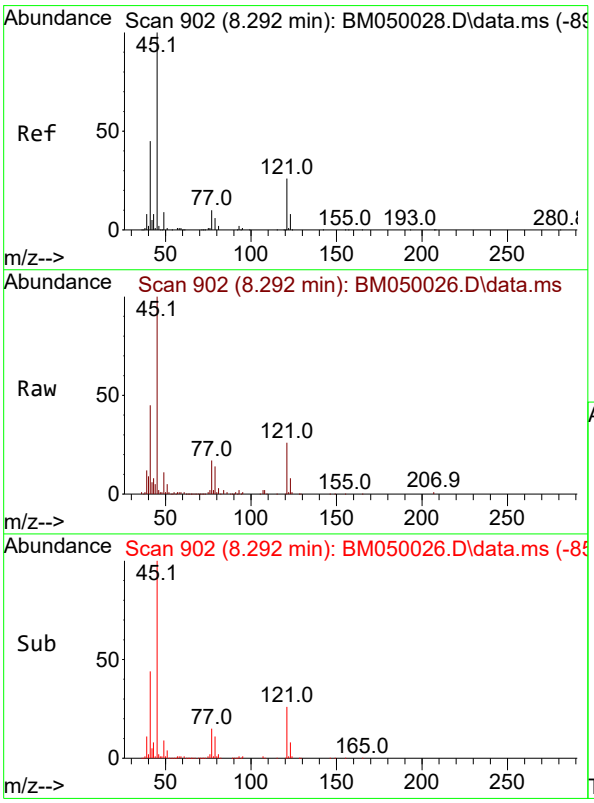
Ion	Ratio	Lower	Upper
79	100		
108	83.7	66.0	99.0
77	67.5	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

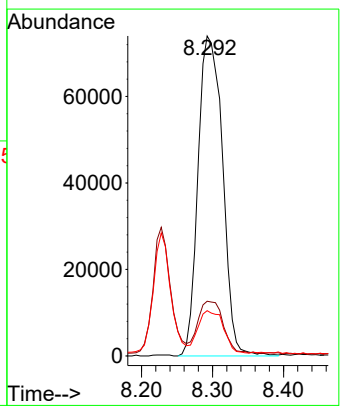
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

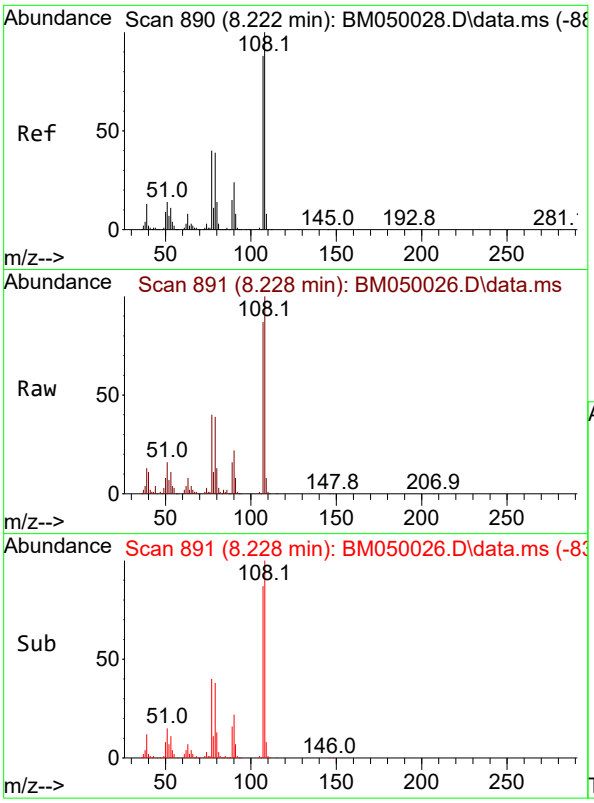


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.637 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 45 Resp: 177776

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	36.4
79	14.1	0.0	32.7

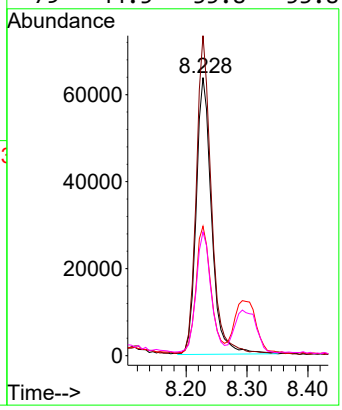




#17
2-Methylphenol
Concen: 9.325 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 11163

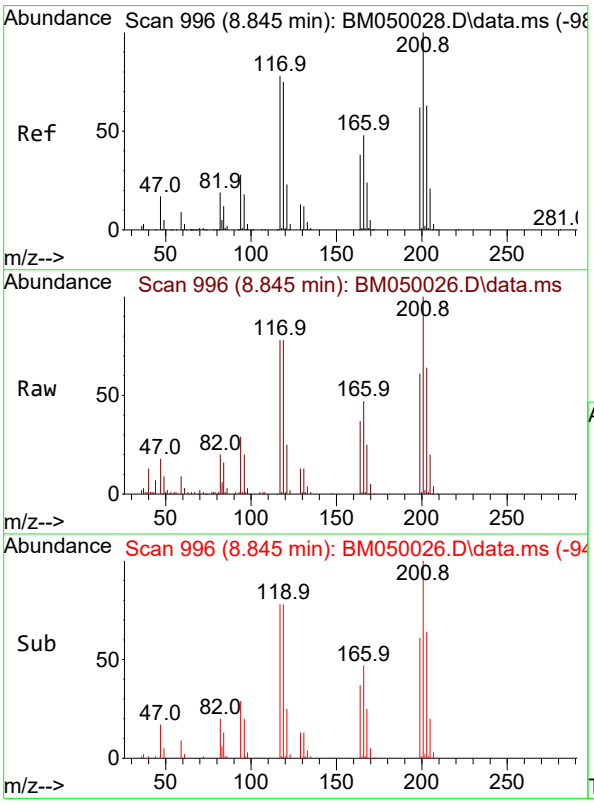
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.1	136.7
77	46.6	36.2	54.4
79	44.5	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

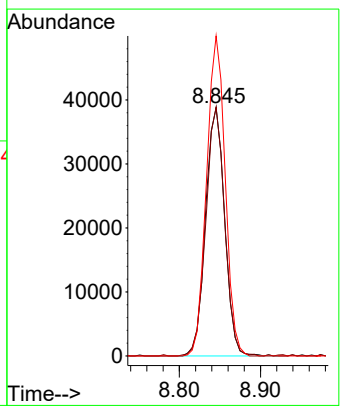
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

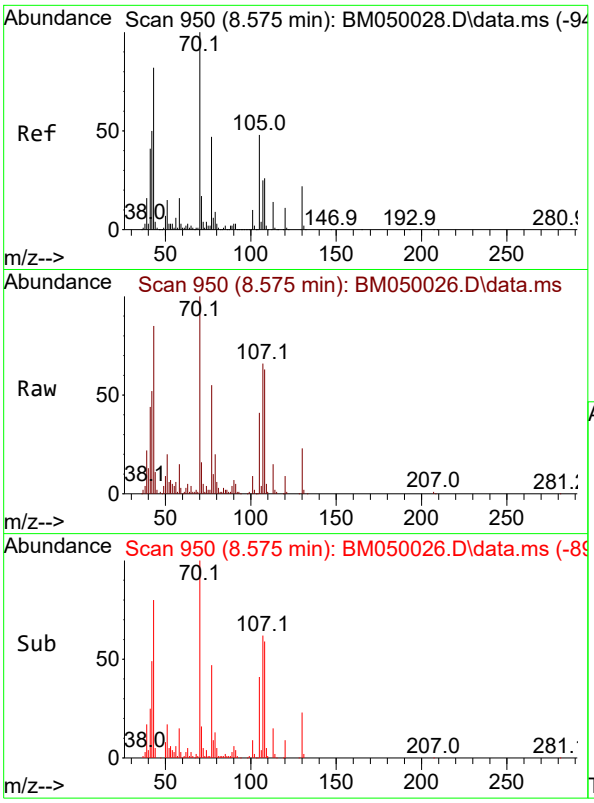


#18
Hexachloroethane
Concen: 9.530 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:117 Resp: 63487

Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.3	115.9
201	129.0	102.8	154.2

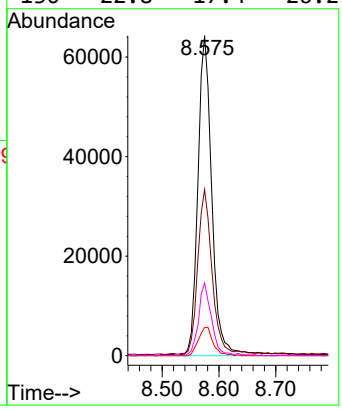




#19
n-Nitroso-di-n-propylamine
Concen: 9.609 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 70 Resp: 11064

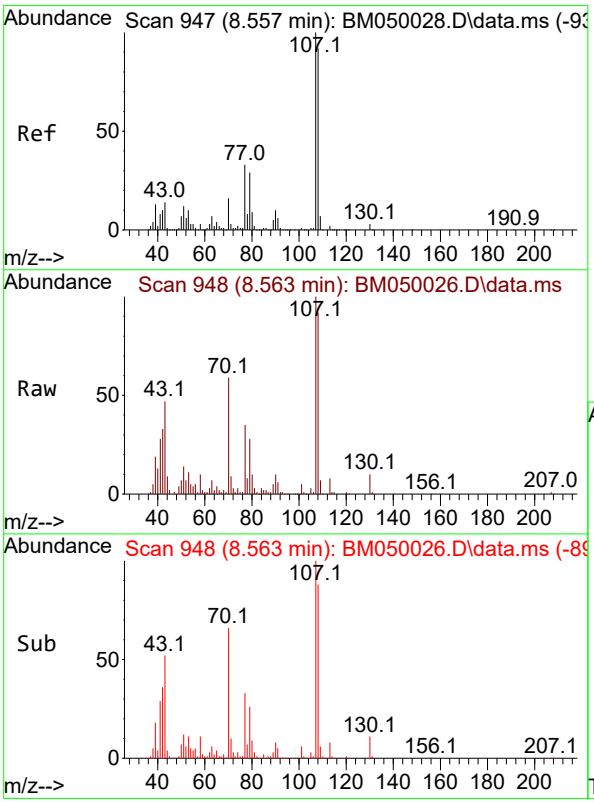
Ion	Ratio	Lower	Upper
70	100		
42	51.9	40.5	60.7
101	8.8	7.8	11.6
130	22.8	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

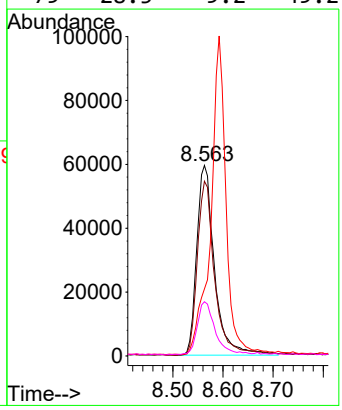
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

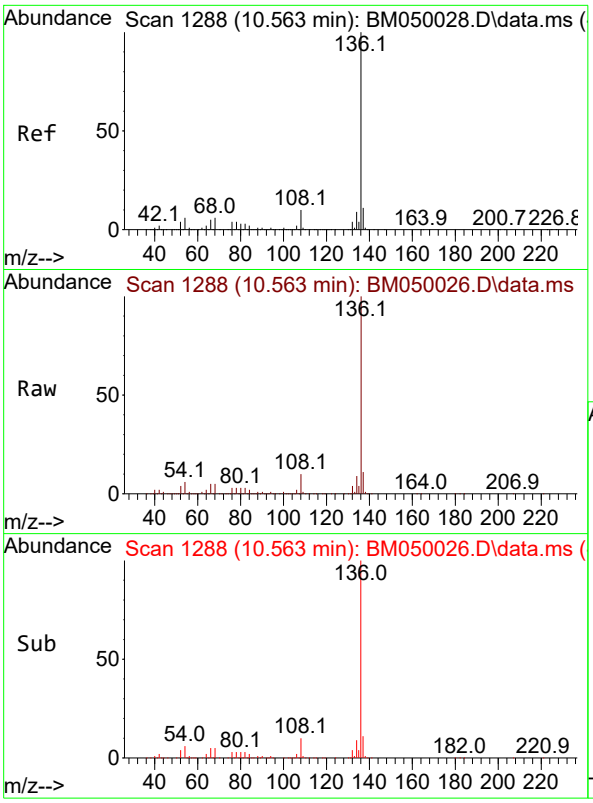


#20
3+4-Methylphenols
Concen: 9.049 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 146303

Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.4	112.4
77	35.2	13.6	53.6
79	28.5	9.2	49.2

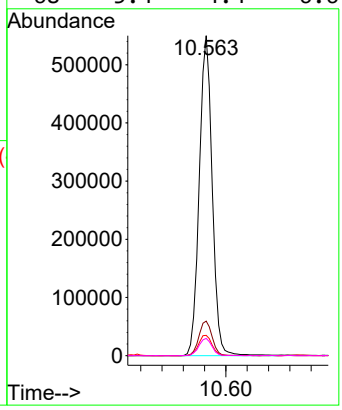




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:136 Resp: 92651

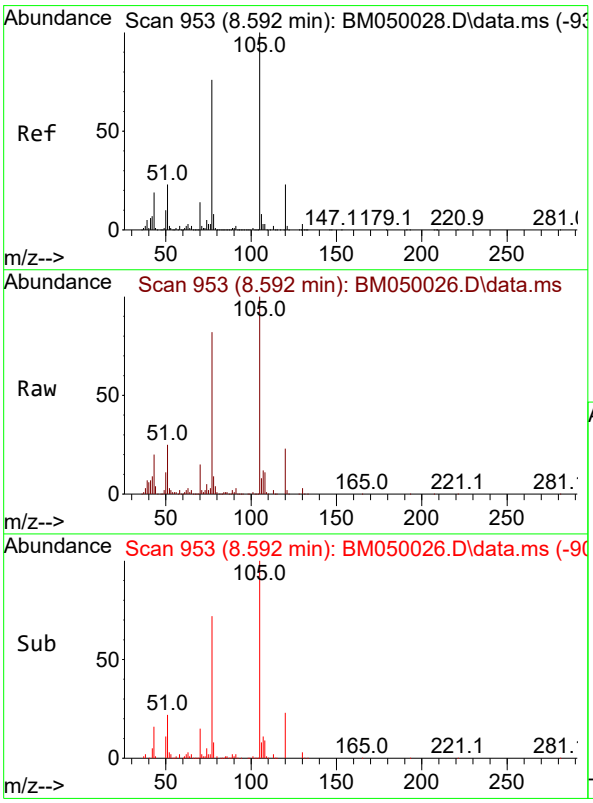
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

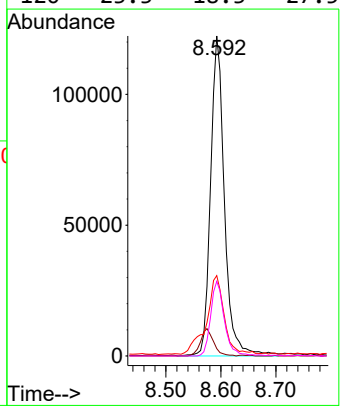
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

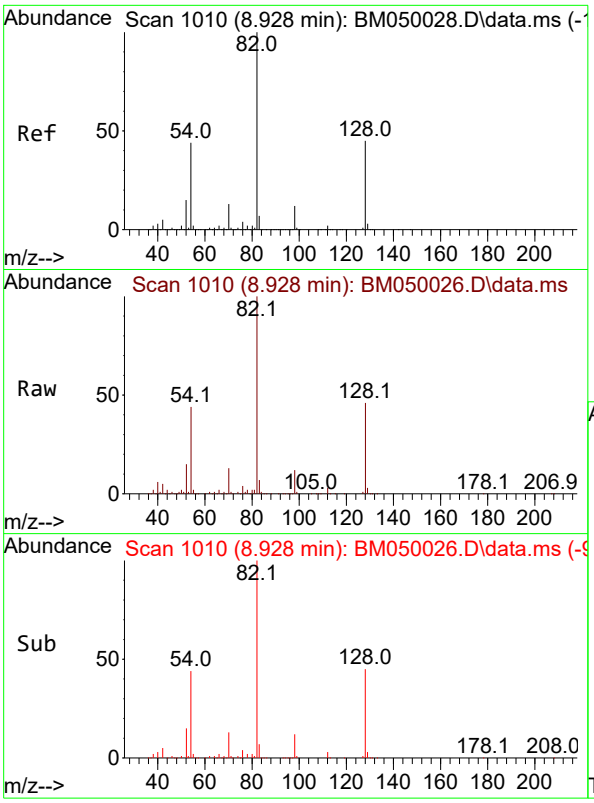


#22
Acetophenone
Concen: 9.325 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:105 Resp: 214790

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	25.1	18.6	27.8
120	23.3	18.3	27.5





#23
Nitrobenzene-d5
Concen: 18.420 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

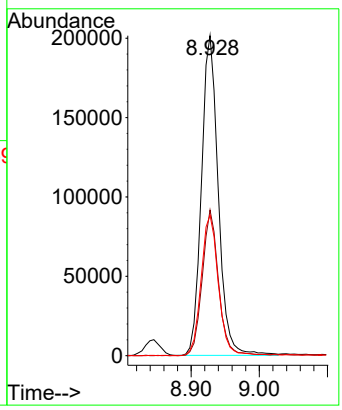
Tgt Ion: 82 Resp: 34633

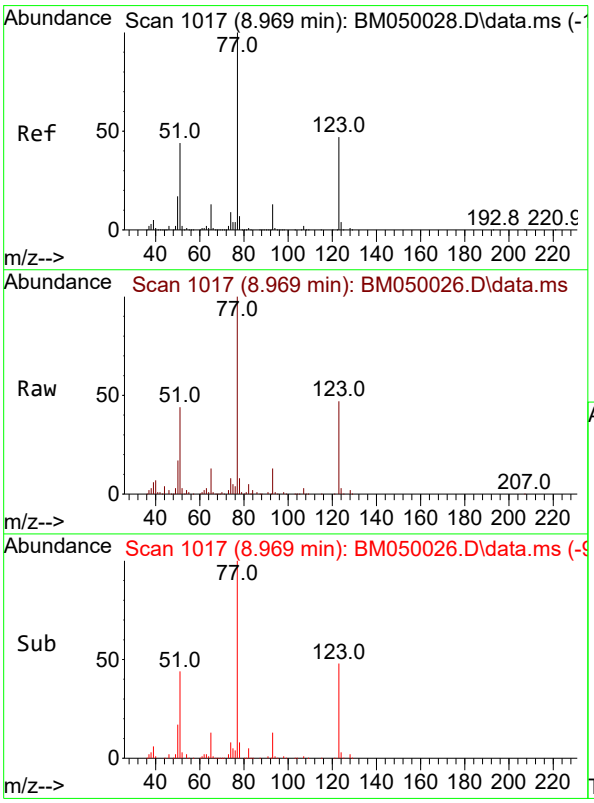
Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	43.9	35.4	53.2

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

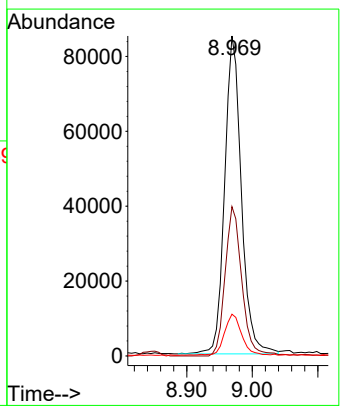


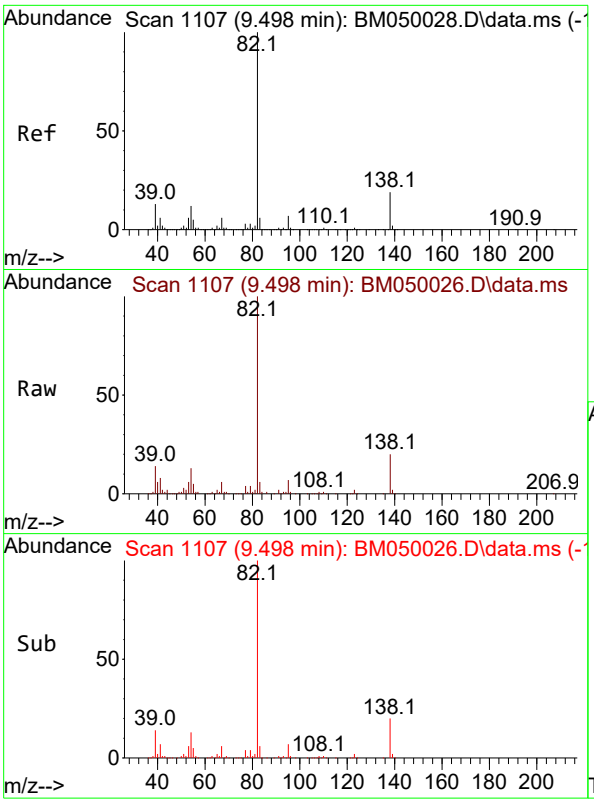


#24
Nitrobenzene
Concen: 9.259 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 150534

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	13.0	10.1	15.1

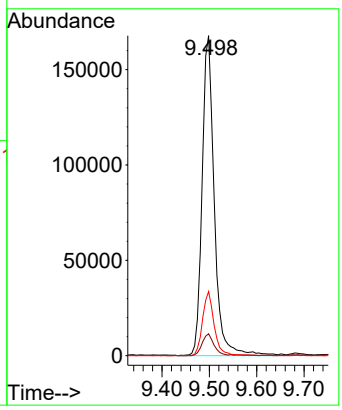




#25
Isophorone
Concen: 9.366 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 82 Resp: 300179

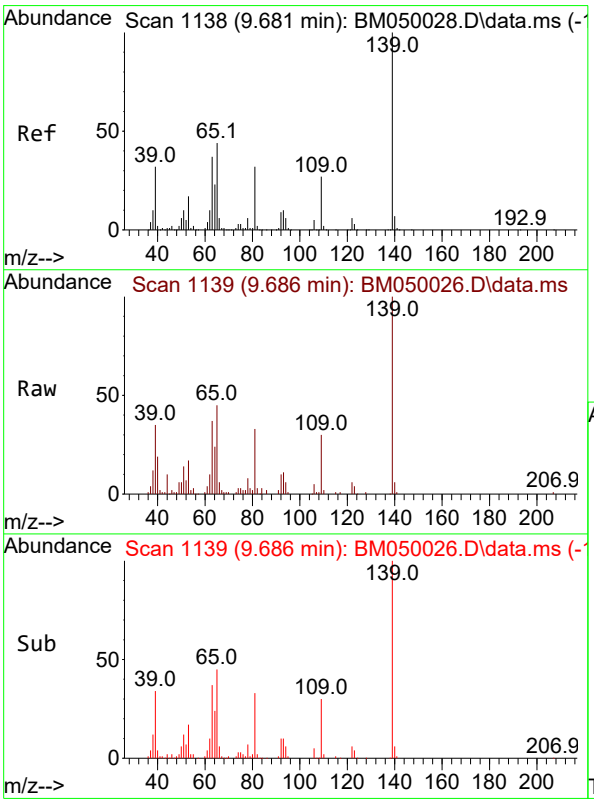
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	20.1	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

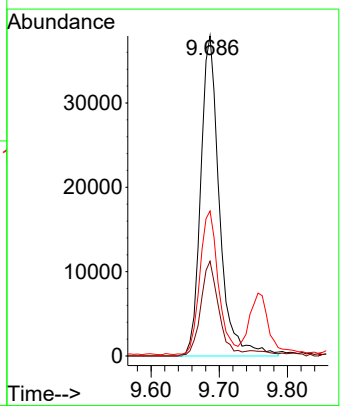
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

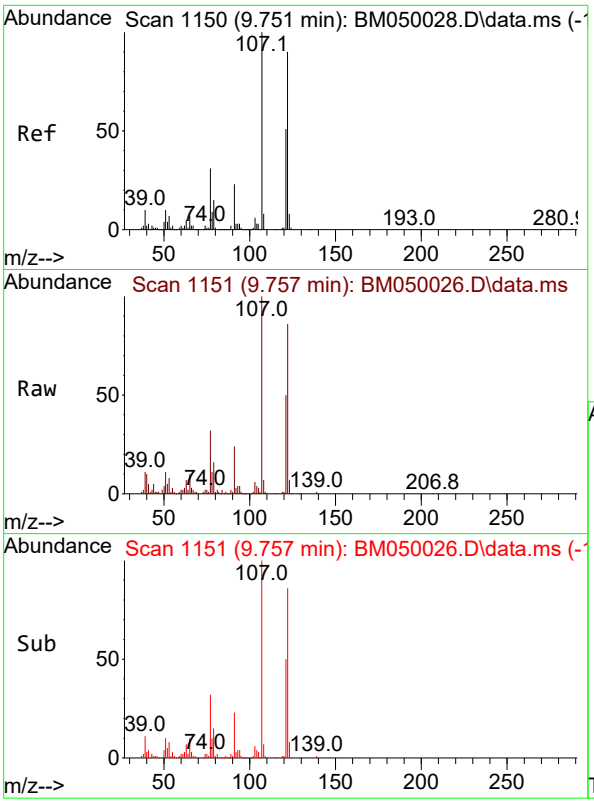


#26
2-Nitrophenol
Concen: 8.732 ng
RT: 9.686 min Scan# 1139
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 72521

Ion	Ratio	Lower	Upper
139	100		
109	29.6	21.9	32.9
65	45.3	35.4	53.2

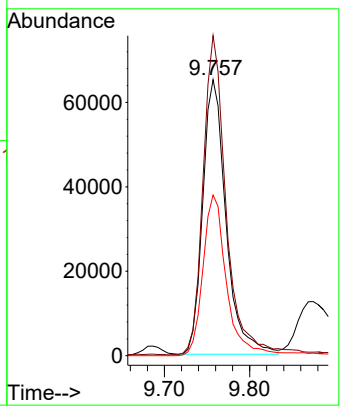




#27
2,4-Dimethylphenol
Concen: 8.960 ng
RT: 9.757 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 12340

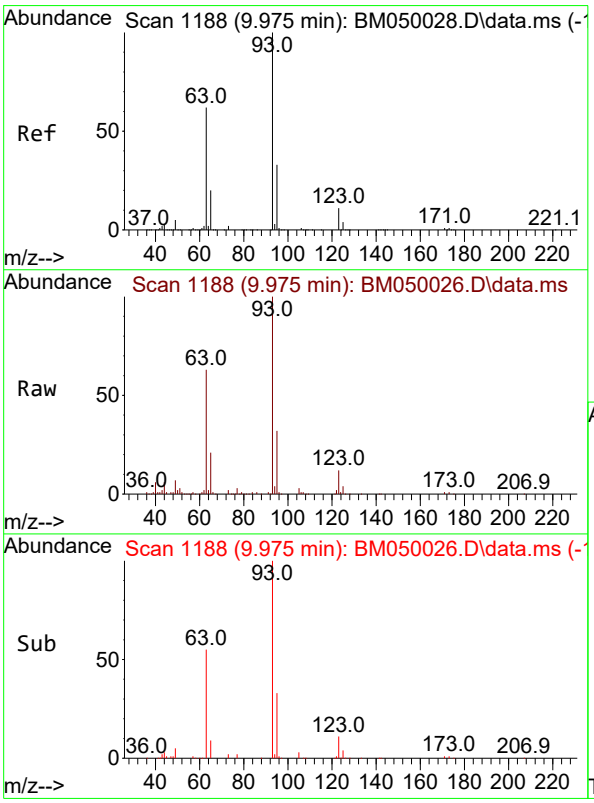
Ion	Ratio	Lower	Upper
122	100		
107	115.9	89.0	133.6
121	58.2	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

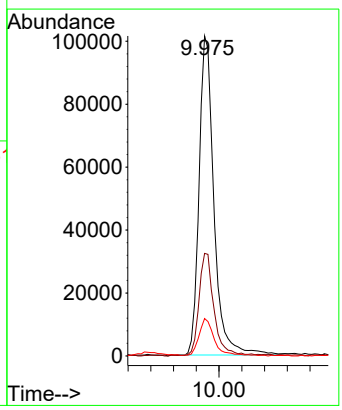
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

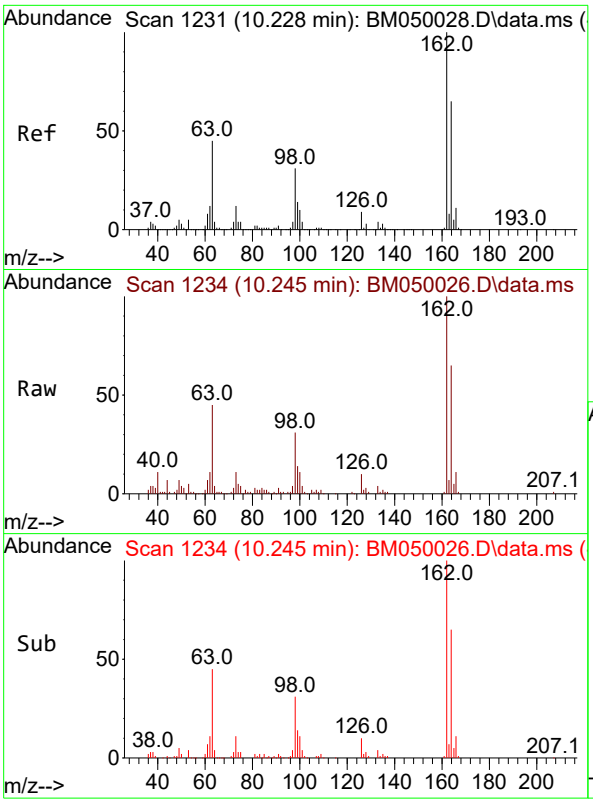


#28
bis(2-Chloroethoxy)methane
Concen: 9.331 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 93 Resp: 184837

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	11.7	9.5	14.3





#29
2,4-Dichlorophenol
Concen: 8.938 ng
RT: 10.245 min Scan# 1
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

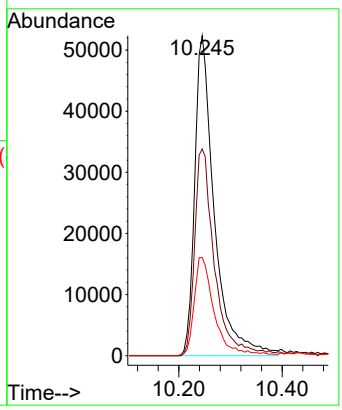
Tgt Ion:162 Resp: 13791

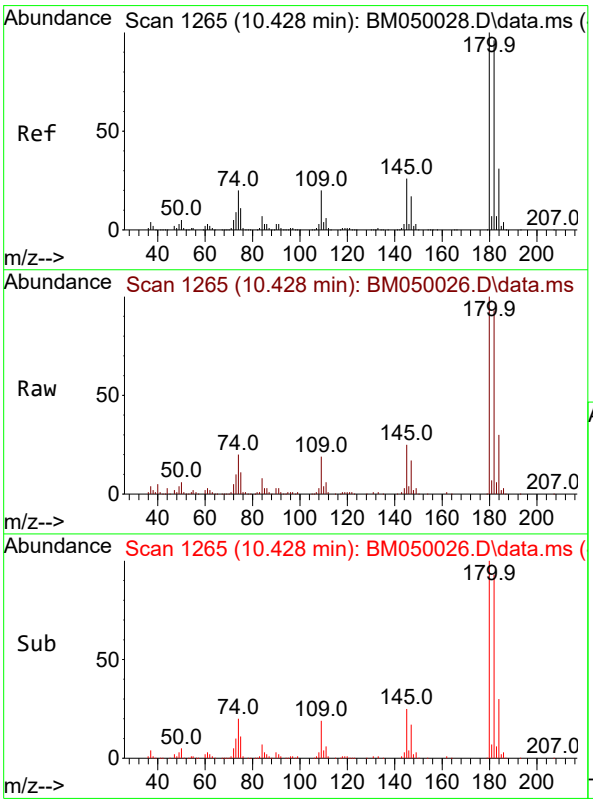
Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.4	85.4
98	30.7	11.3	51.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

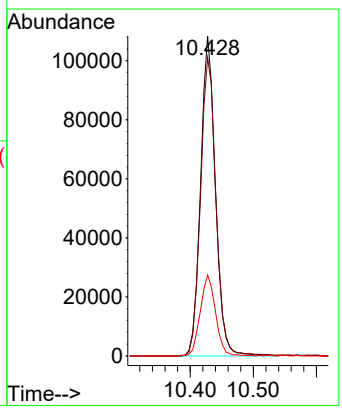


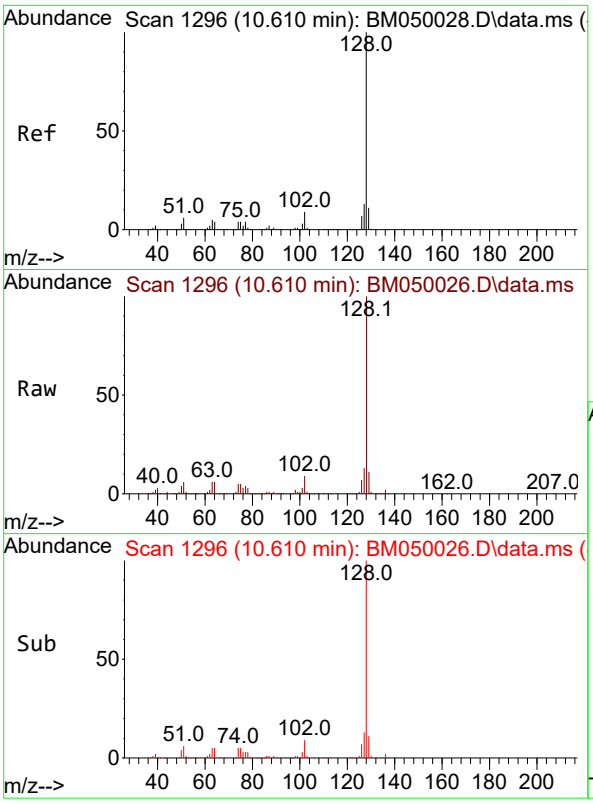


#30
1,2,4-Trichlorobenzene
Concen: 9.453 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:180 Resp: 177721

Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.0	115.4
145	25.3	20.6	30.8

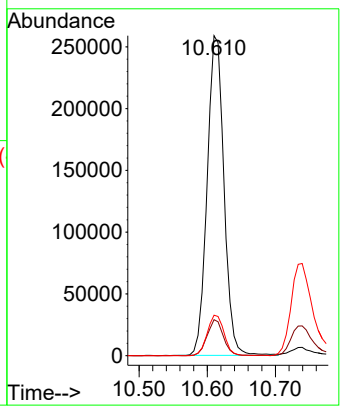




#31
Naphthalene
Concen: 9.467 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:128 Resp: 44420

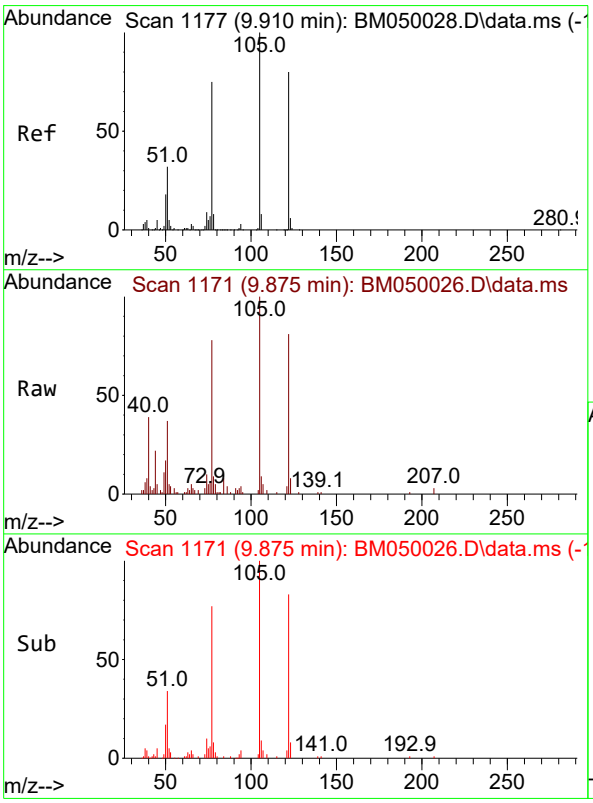
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.7	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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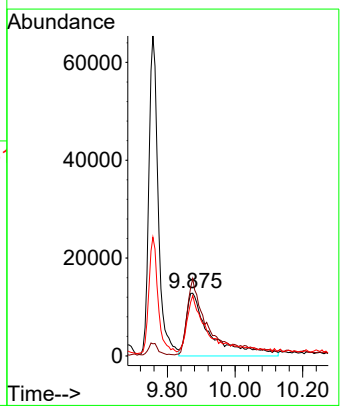
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

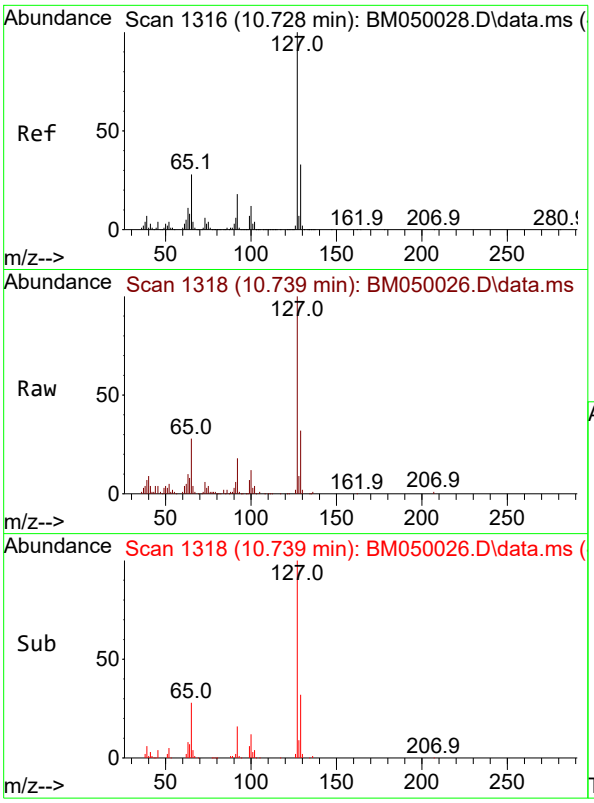


#32
Benzoic acid
Concen: 7.282 ng m
RT: 9.875 min Scan# 1171
Delta R.T. -0.035 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:122 Resp: 63971

Ion	Ratio	Lower	Upper
122	100		
105	123.3	103.6	143.6
77	96.2	73.7	113.7

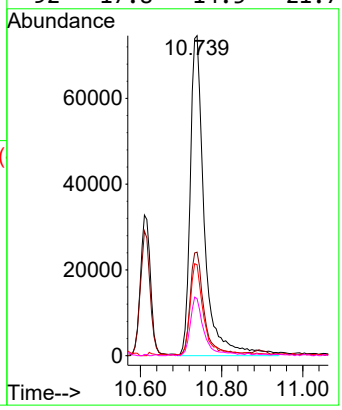




#33
4-Chloroaniline
Concen: 9.458 ng
RT: 10.739 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:127 Resp: 18190

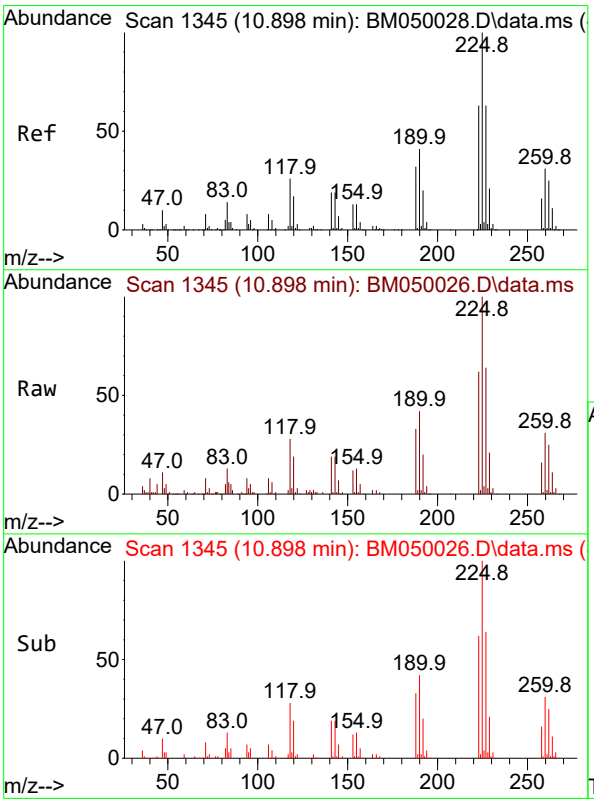
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.4	22.5	33.7
92	17.8	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

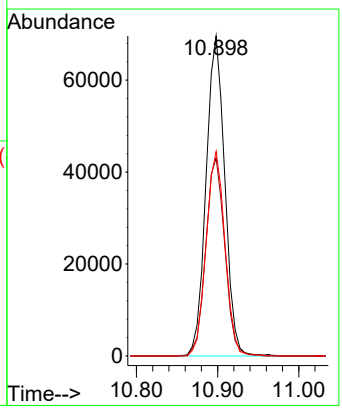
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

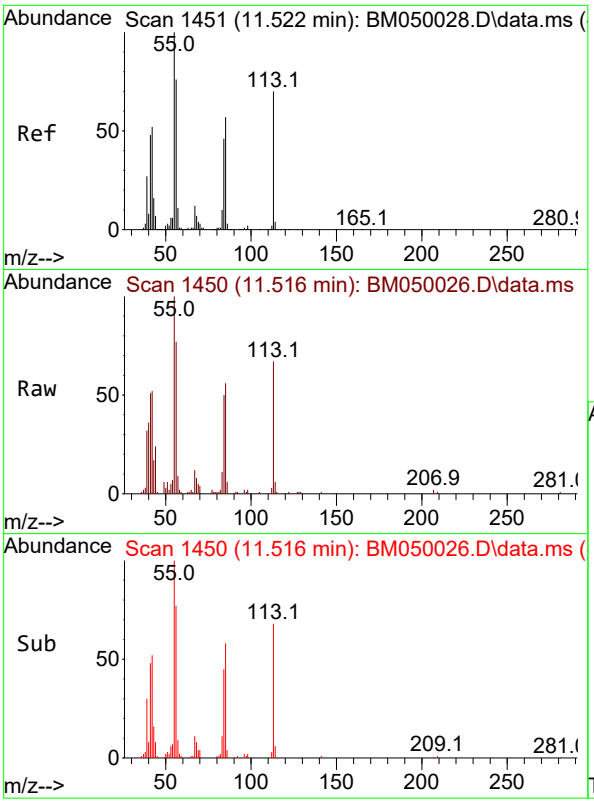


#34
Hexachlorobutadiene
Concen: 9.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:225 Resp: 111307

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	63.9	50.6	76.0





#35
Caprolactam
Concen: 8.745 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

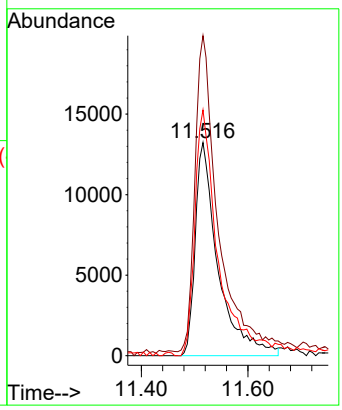
Tgt Ion:113 Resp: 3934

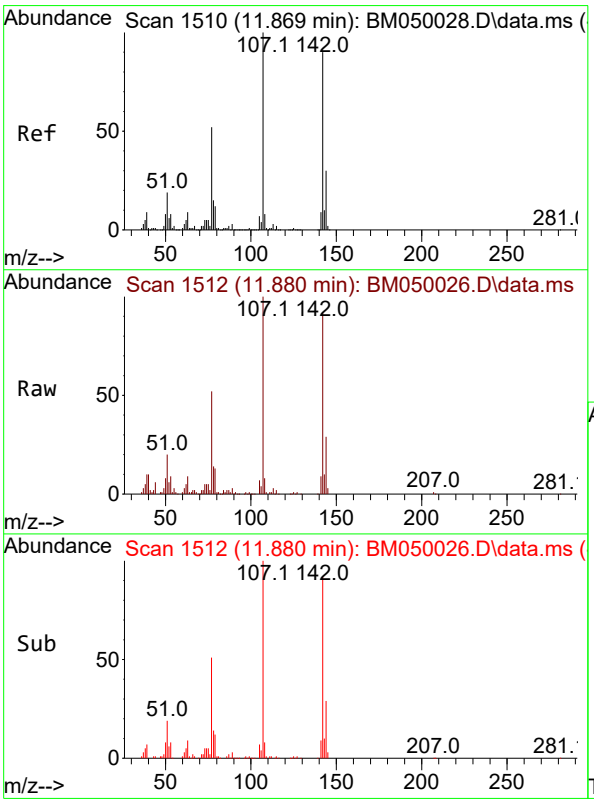
Ion	Ratio	Lower	Upper
113	100		
55	150.2	122.9	162.9
56	115.3	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

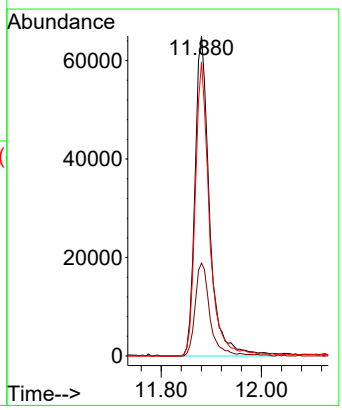


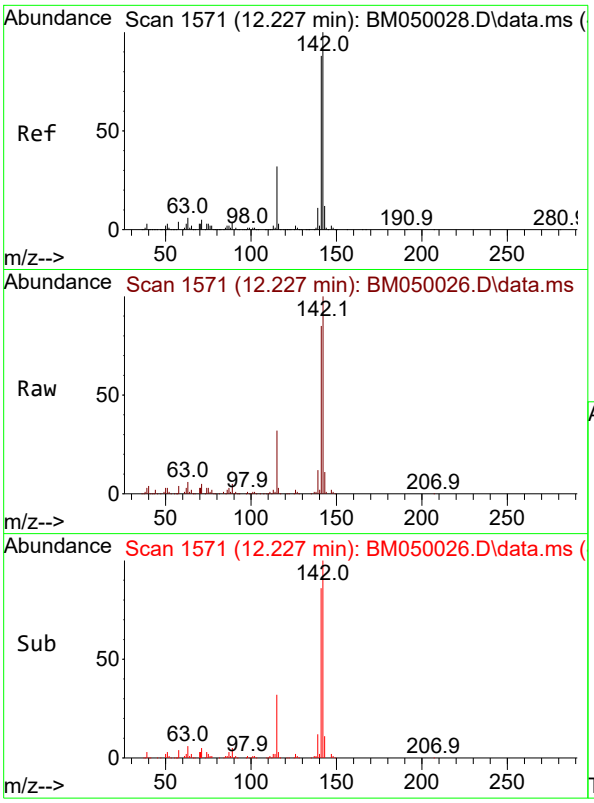


#36
4-Chloro-3-methylphenol
Concen: 9.194 ng
RT: 11.880 min Scan# 1512
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:107 Resp: 131076

Ion	Ratio	Lower	Upper
107	100		
144	29.1	23.8	35.6
142	91.9	71.9	107.9

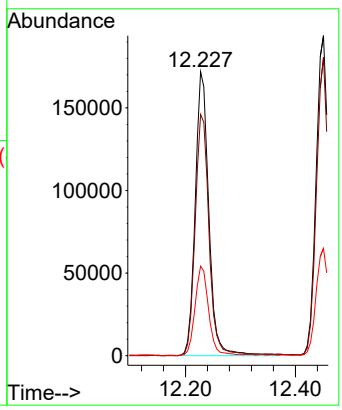




#37
2-Methylnaphthalene
Concen: 9.411 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 29605

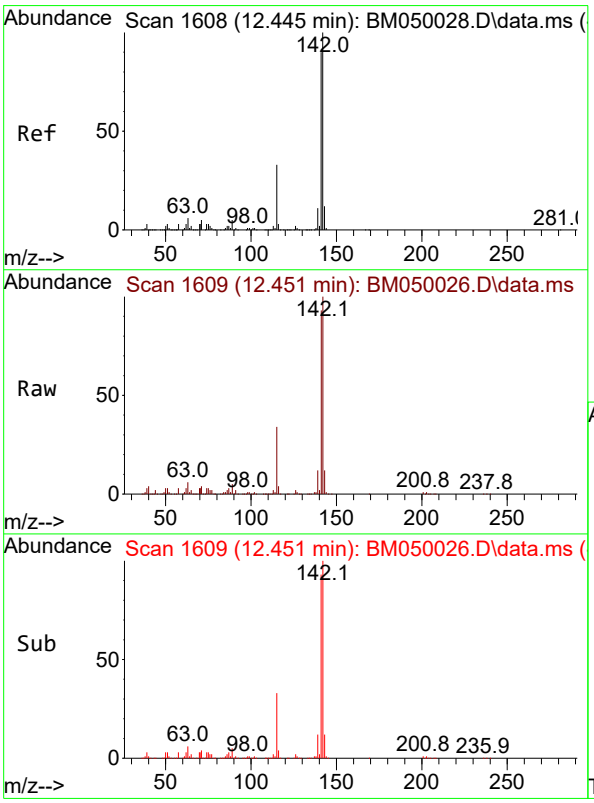
Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.4	105.6
115	31.5	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

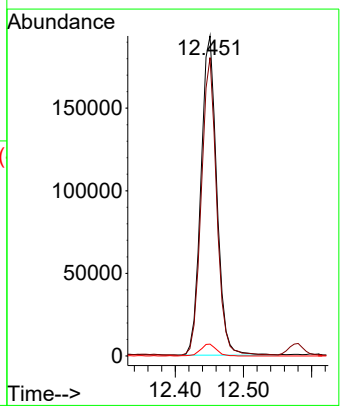
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

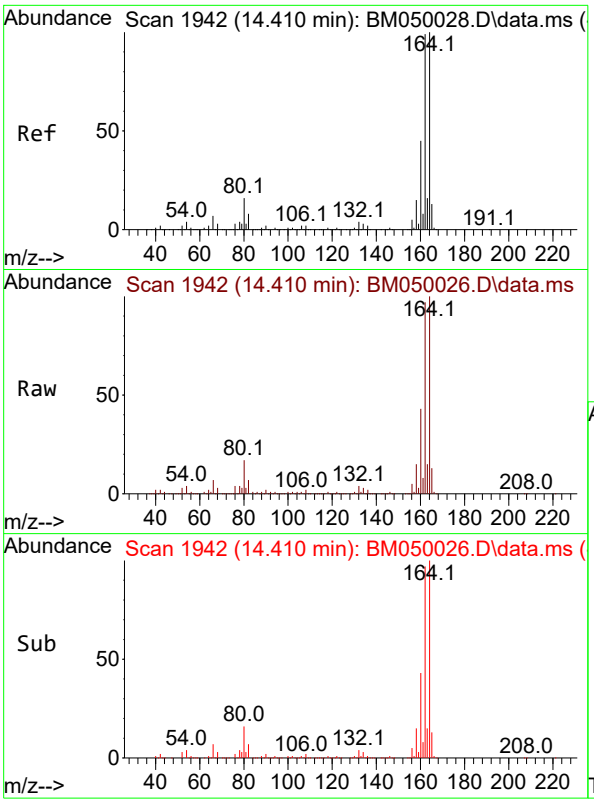


#38
1-Methylnaphthalene
Concen: 9.387 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:142 Resp: 312512

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.1	108.1
116	3.7	2.7	4.1

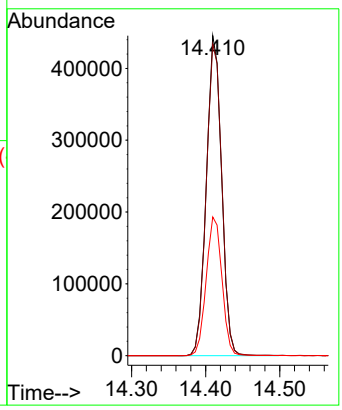




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:164 Resp: 63665

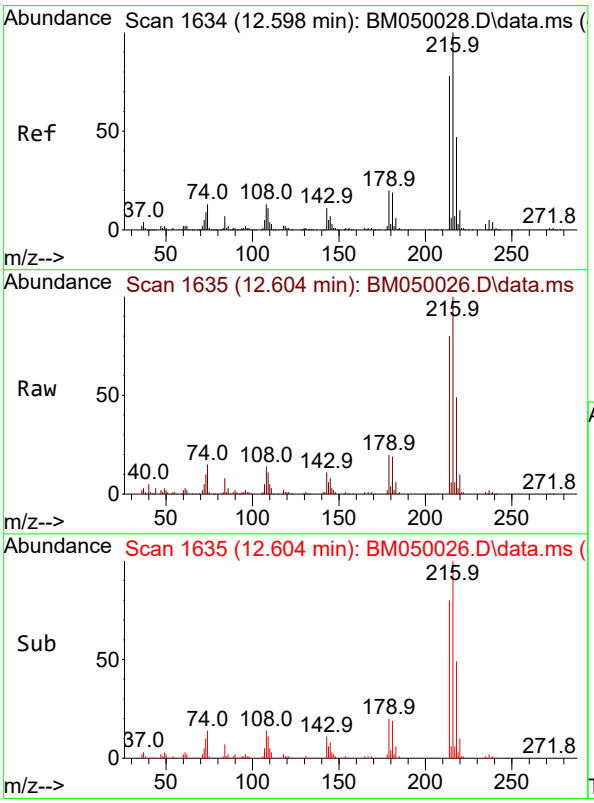
Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.4	119.0
160	43.3	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

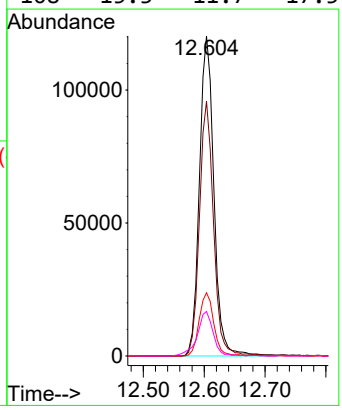
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

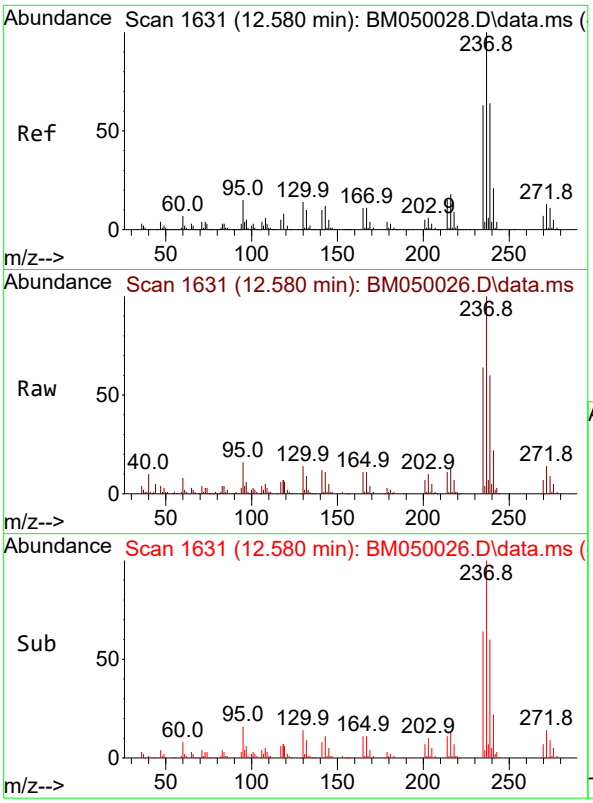


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.981 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:216 Resp: 197943

Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.3	93.5
179	20.0	15.4	23.0
108	15.3	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 7.166 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

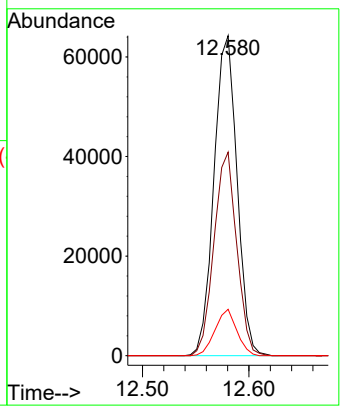
Tgt Ion:237 Resp: 9652

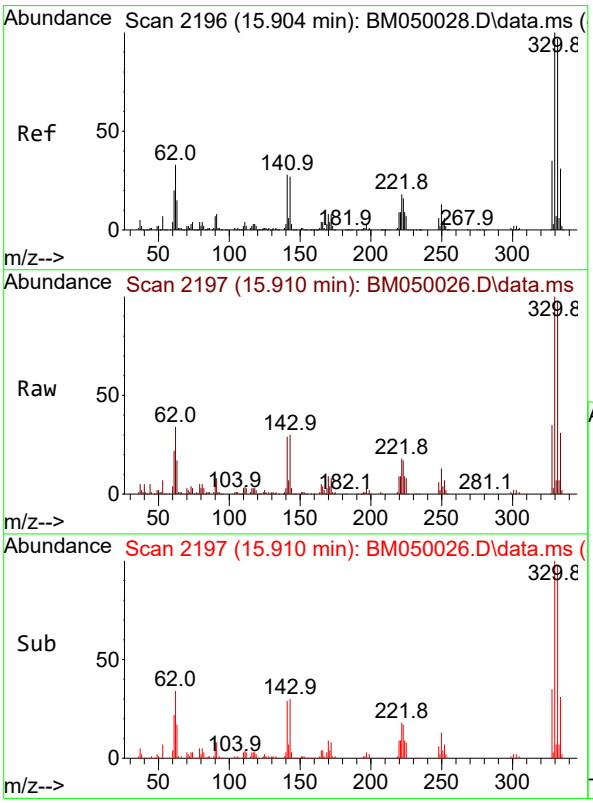
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.9	82.9
272	14.5	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

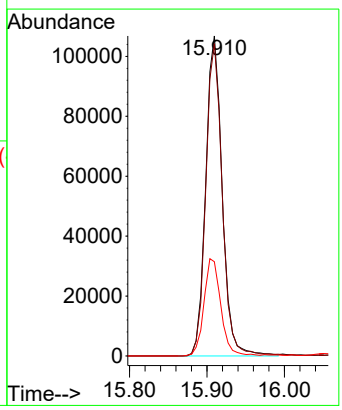


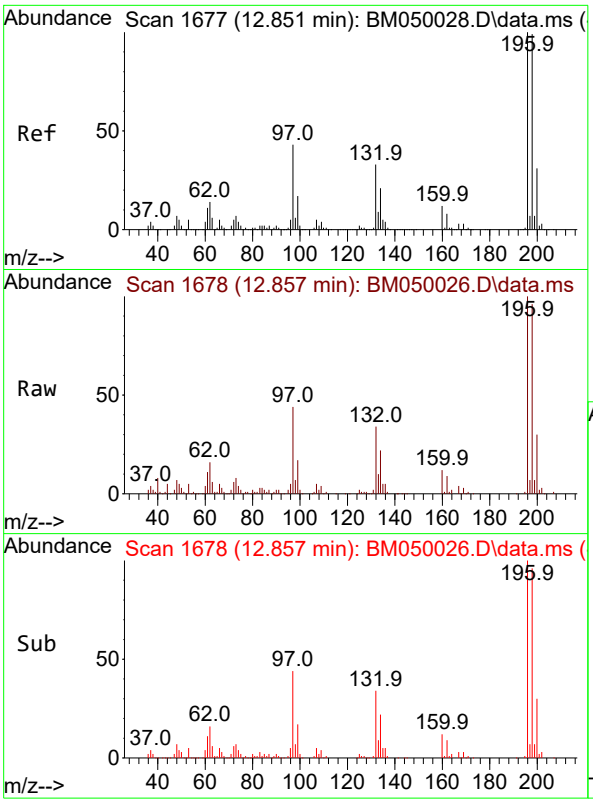


#42
2,4,6-Tribromophenol
Concen: 16.820 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:330 Resp: 158339

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	31.1	22.5	33.7

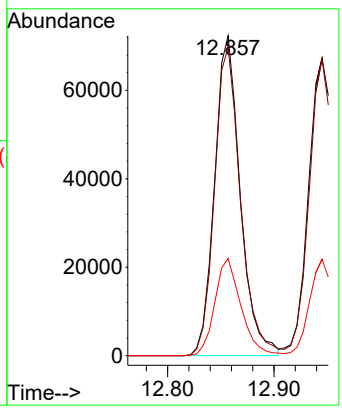




#43
2,4,6-Trichlorophenol
Concen: 8.673 ng
RT: 12.857 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 12124

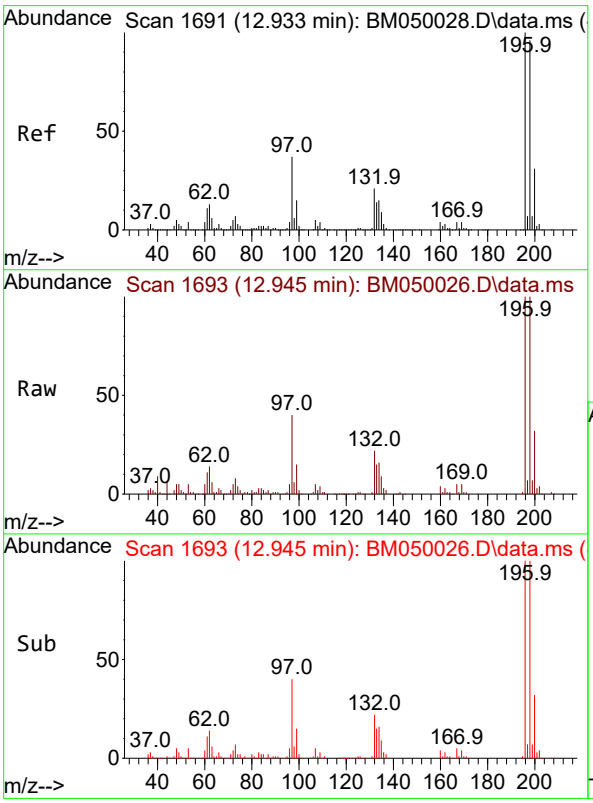
Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
200	30.4	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

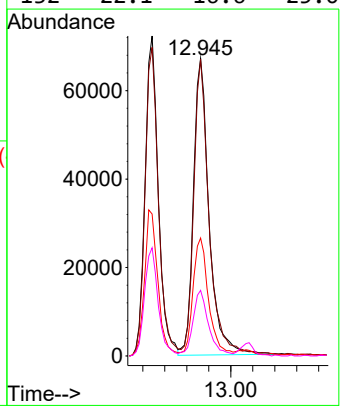
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

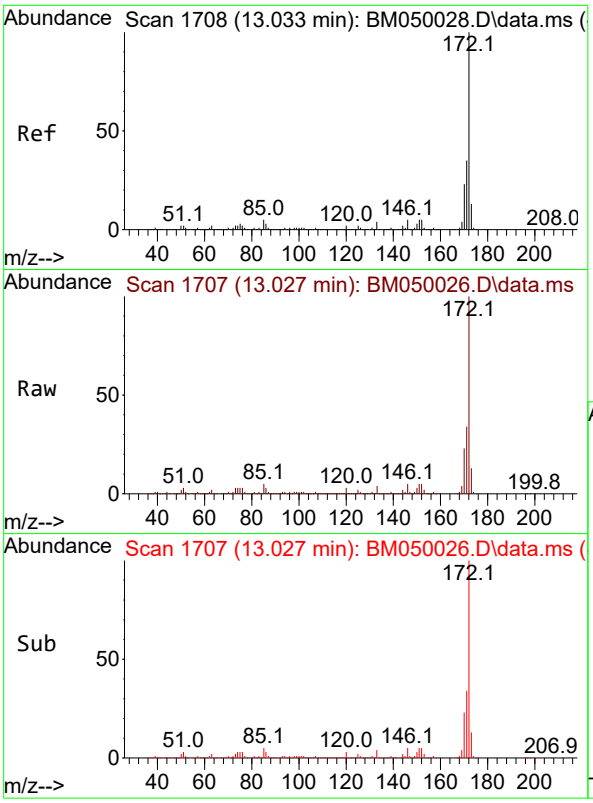


#44
2,4,5-Trichlorophenol
Concen: 8.815 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:196 Resp: 132882

Ion	Ratio	Lower	Upper
196	100		
198	99.7	76.7	115.1
97	39.6	30.1	45.1
132	22.1	16.6	25.0

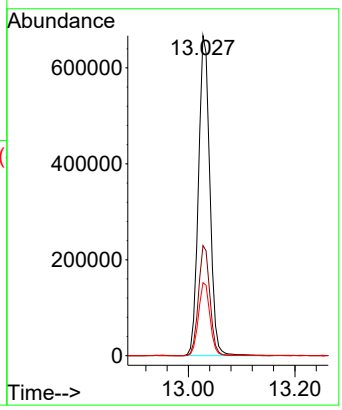




#45
2-Fluorobiphenyl
Concen: 18.394 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:172 Resp: 98991

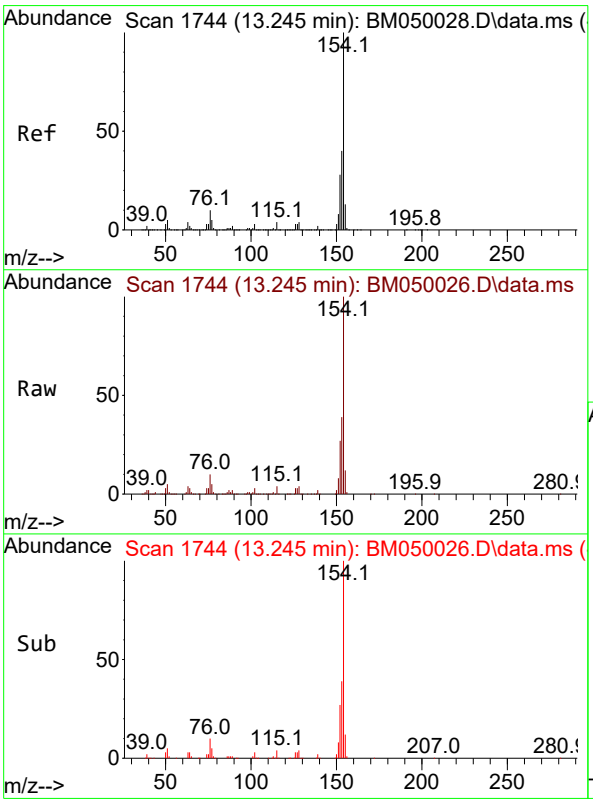
Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	22.8	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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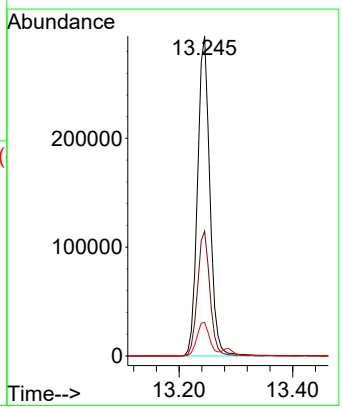
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

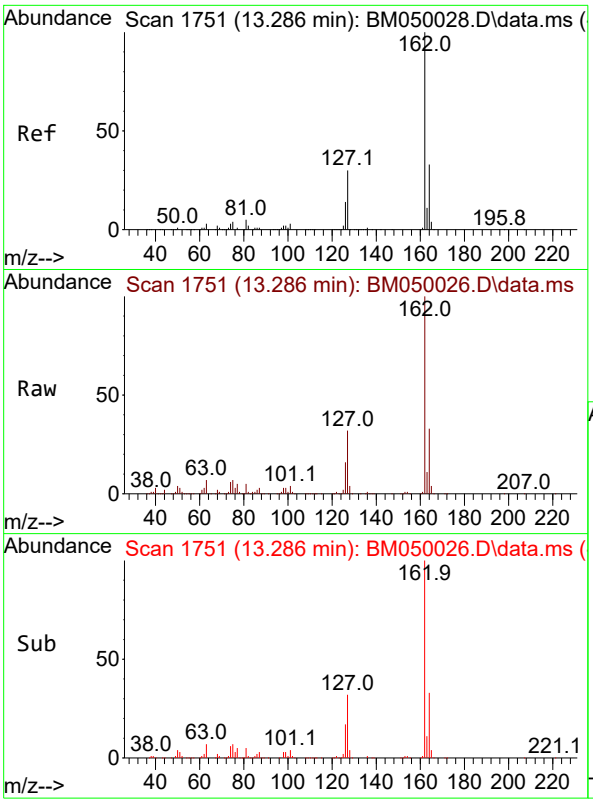


#46
1,1'-Biphenyl
Concen: 9.381 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 443960

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	10.4	0.0	30.3

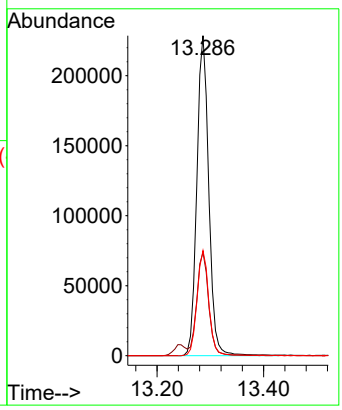




#47
2-Chloronaphthalene
Concen: 9.447 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:162 Resp: 35410

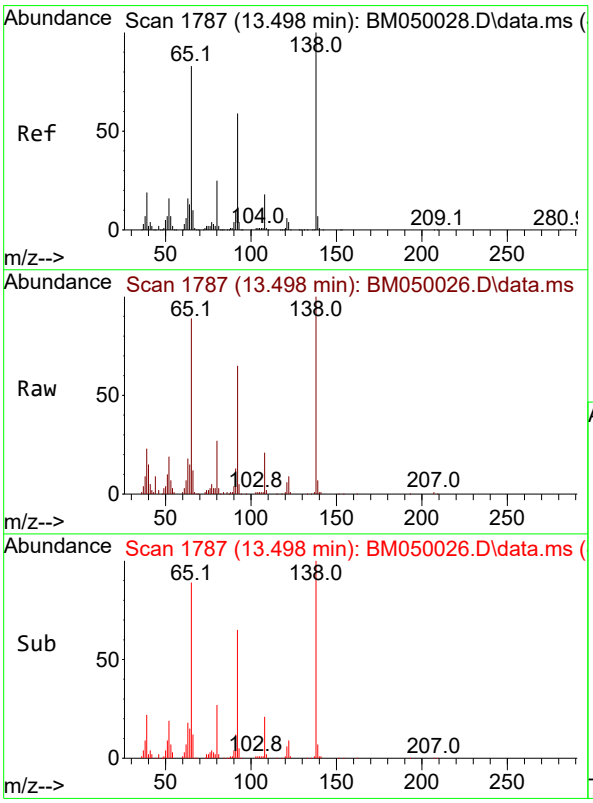
Ion	Ratio	Lower	Upper
162	100		
127	32.3	25.9	38.9
164	32.8	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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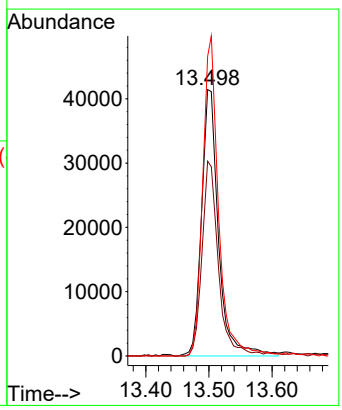
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

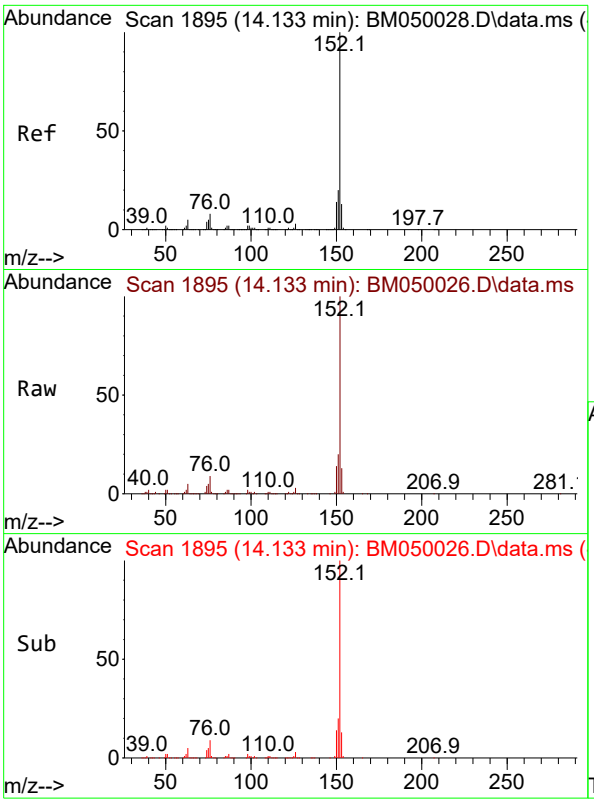


#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 65 Resp: 77101

Ion	Ratio	Lower	Upper
65	100		
92	73.1	57.1	85.7
138	112.5	97.0	145.4

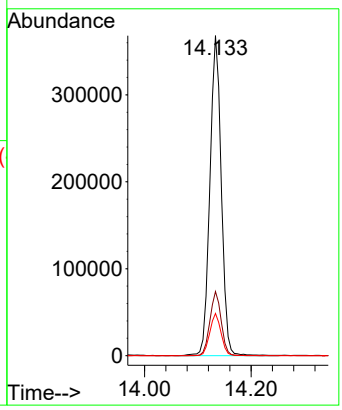




#49
Acenaphthylene
Concen: 9.235 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:152 Resp: 54577

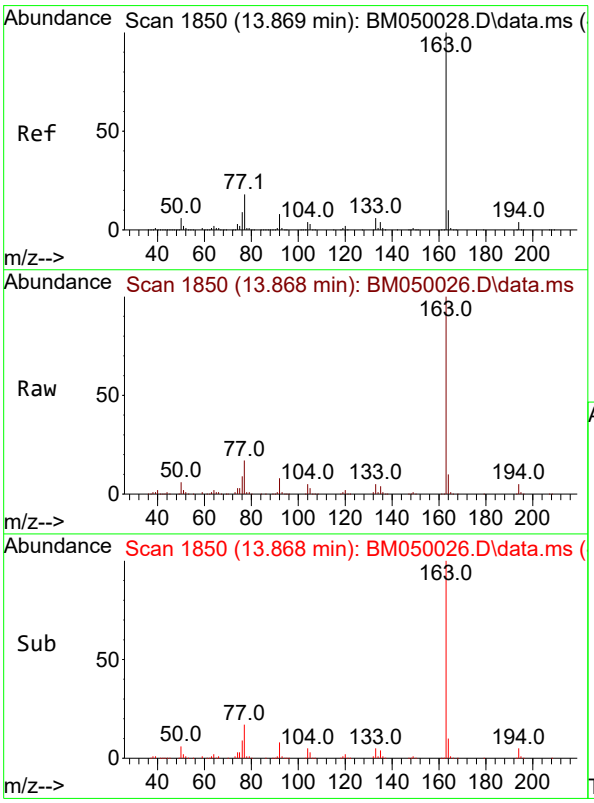
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.2	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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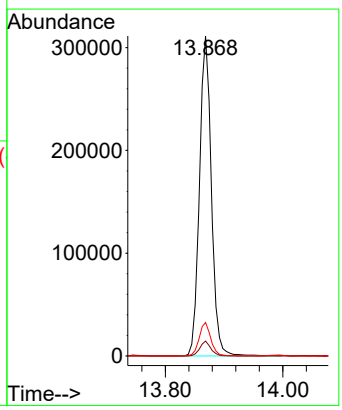
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

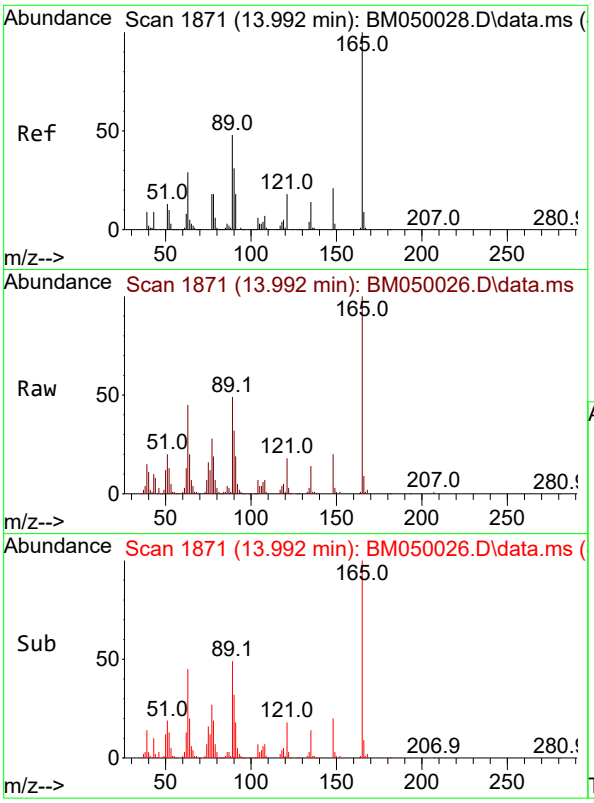


#50
Dimethylphthalate
Concen: 9.419 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:163 Resp: 438261

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 8.953 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

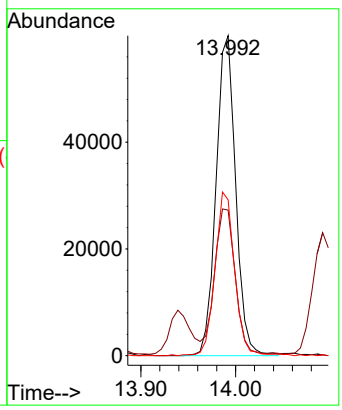
Tgt Ion:165 Resp: 8624

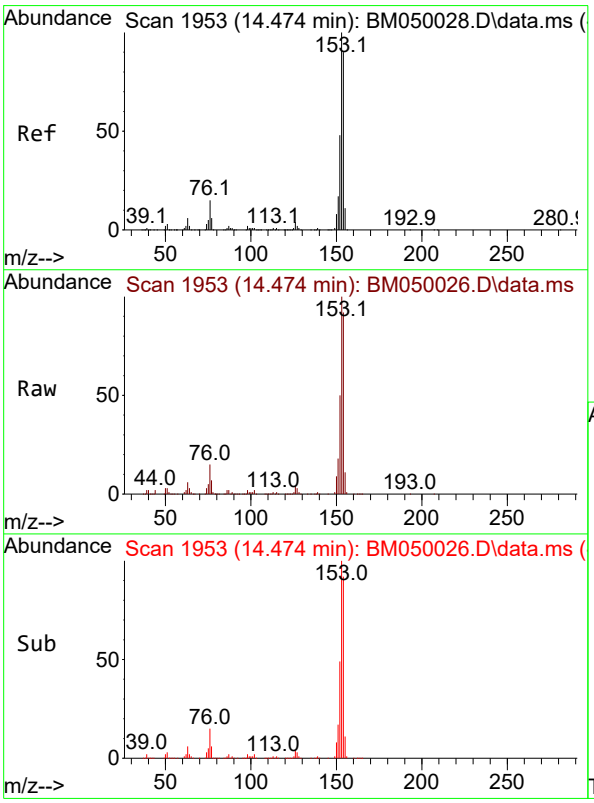
Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.1	52.7
89	48.7	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

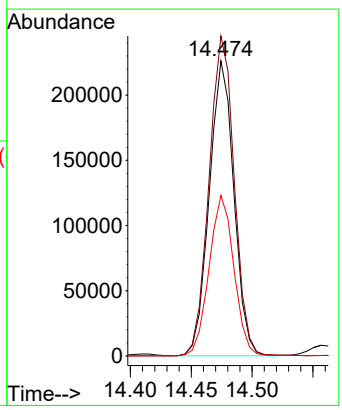


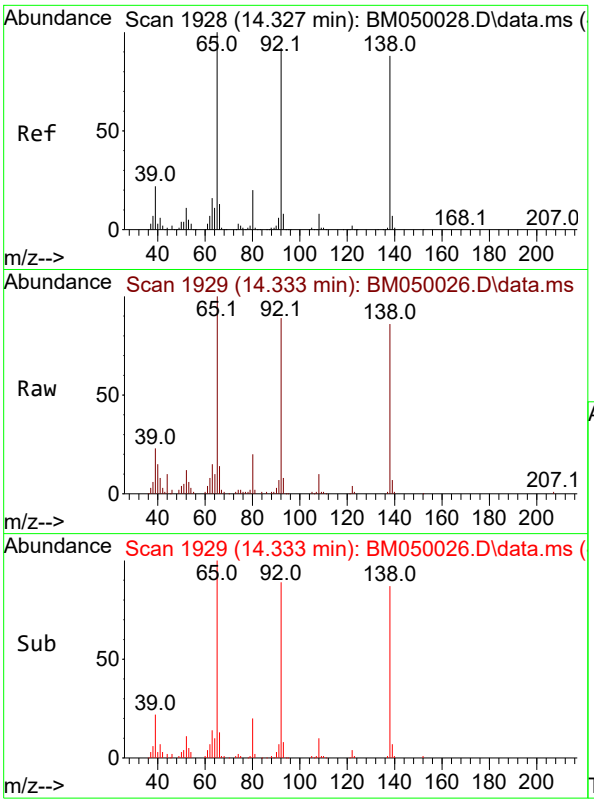


#52
Acenaphthene
Concen: 9.288 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:154 Resp: 317735

Ion	Ratio	Lower	Upper
154	100		
153	108.5	89.0	133.4
152	54.5	43.0	64.6





#53
3-Nitroaniline
Concen: 8.559 ng
RT: 14.333 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

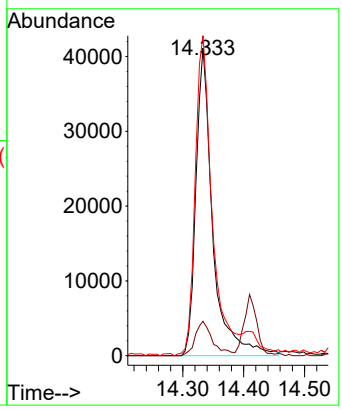
Tgt Ion:138 Resp: 7872

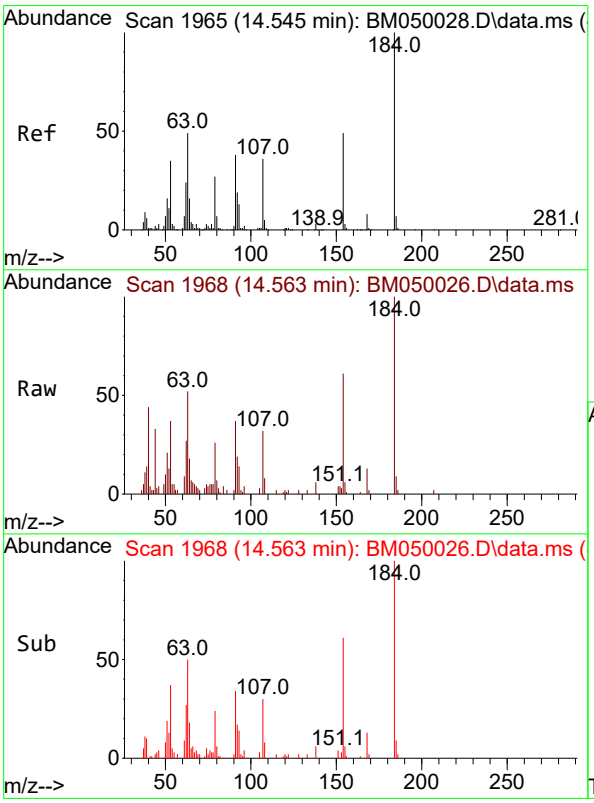
Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.4	11.2
92	104.0	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

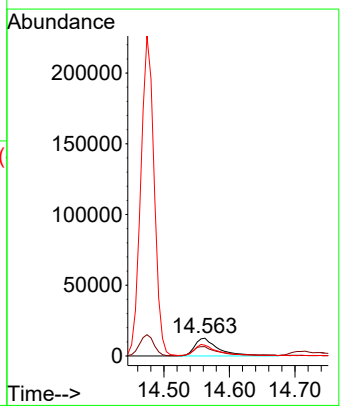


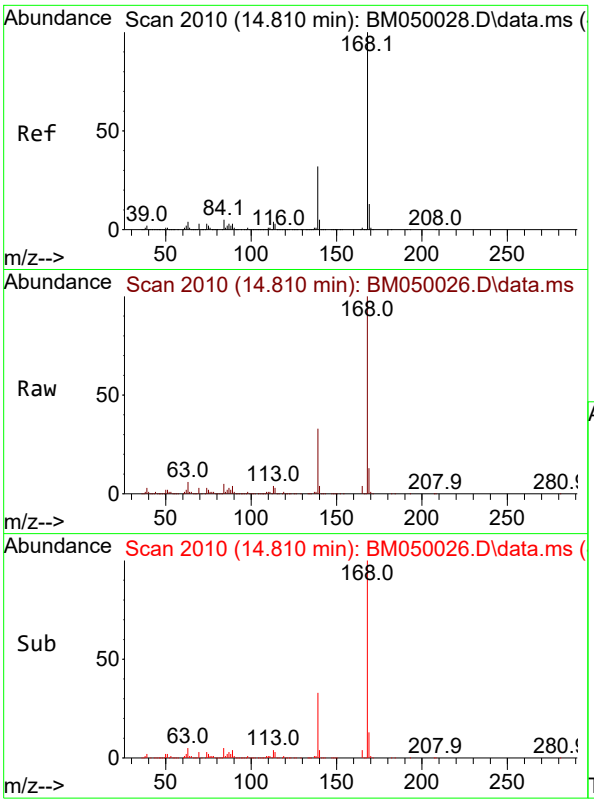


#54
2,4-Dinitrophenol
Concen: 10.558 ng
RT: 14.563 min Scan# 1968
Delta R.T. 0.018 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 31979

Ion	Ratio	Lower	Upper
184	100		
63	52.1	39.8	59.6
154	60.9	46.1	69.1

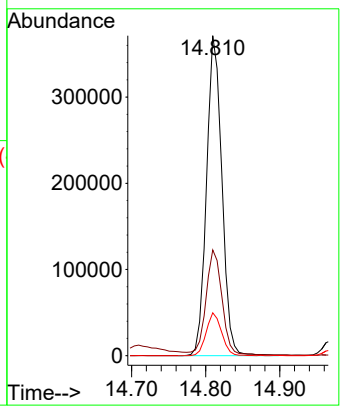




#55
Dibenzofuran
Concen: 9.401 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:168 Resp: 53502

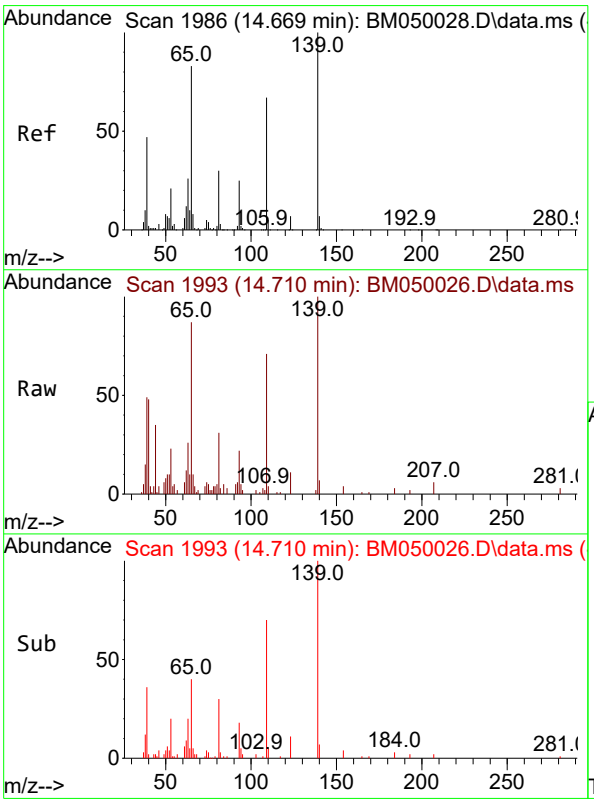
Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.4	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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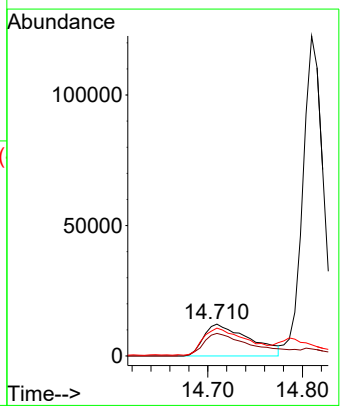
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

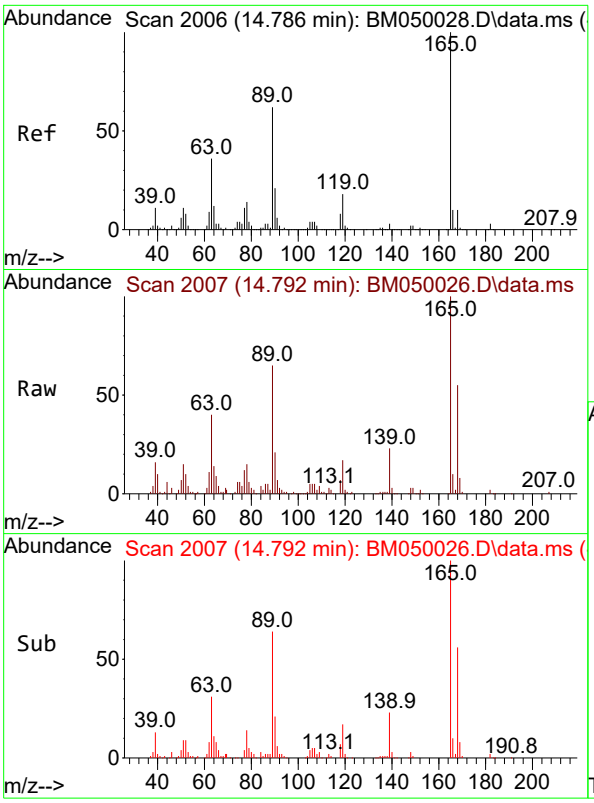


#56
4-Nitrophenol
Concen: 9.668 ng
RT: 14.710 min Scan# 1993
Delta R.T. 0.041 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:139 Resp: 40722

Ion	Ratio	Lower	Upper
139	100		
109	70.7	47.0	87.0
65	87.5	64.3	104.3

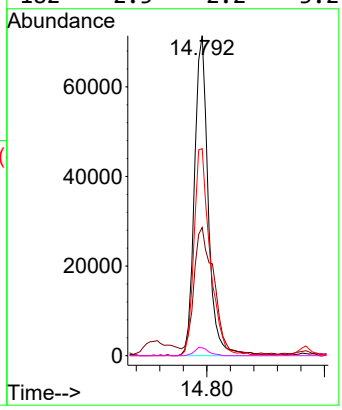




#57
2,4-Dinitrotoluene
Concen: 8.750 ng
RT: 14.792 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:165 Resp: 11647

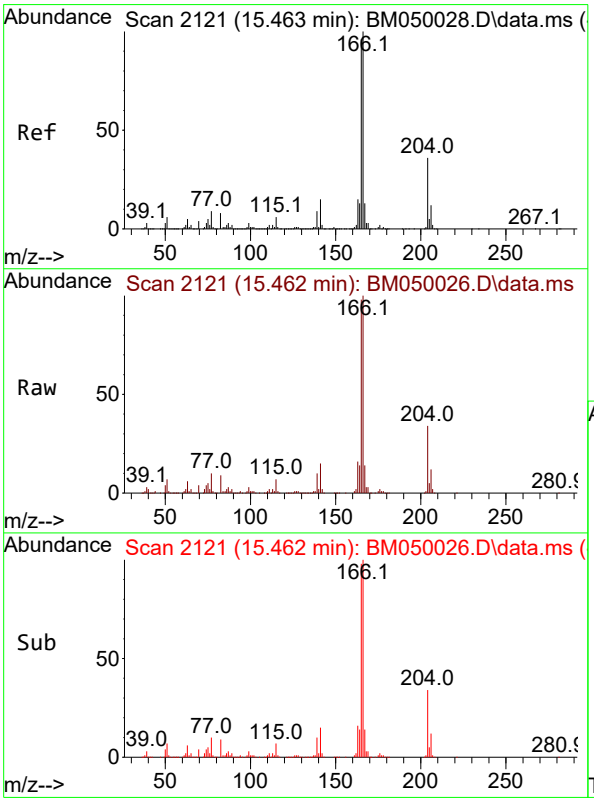
Ion	Ratio	Lower	Upper
165	100		
63	40.1	29.0	43.6
89	64.7	49.4	74.2
182	2.5	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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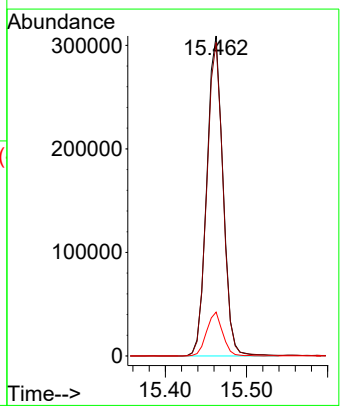
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

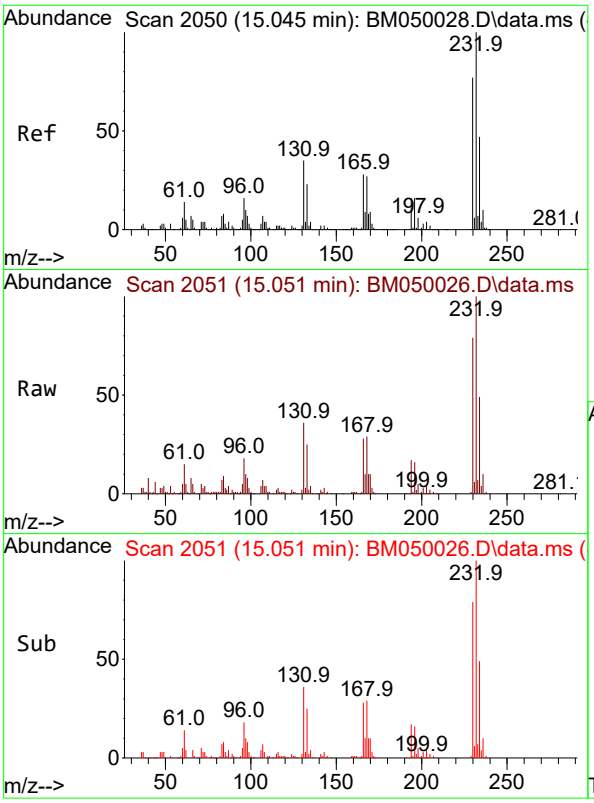


#58
Fluorene
Concen: 9.174 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:166 Resp: 427384

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	13.7	10.6	16.0

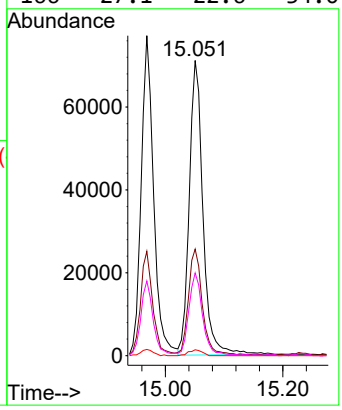




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.828 ng
RT: 15.051 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:232 Resp: 11518

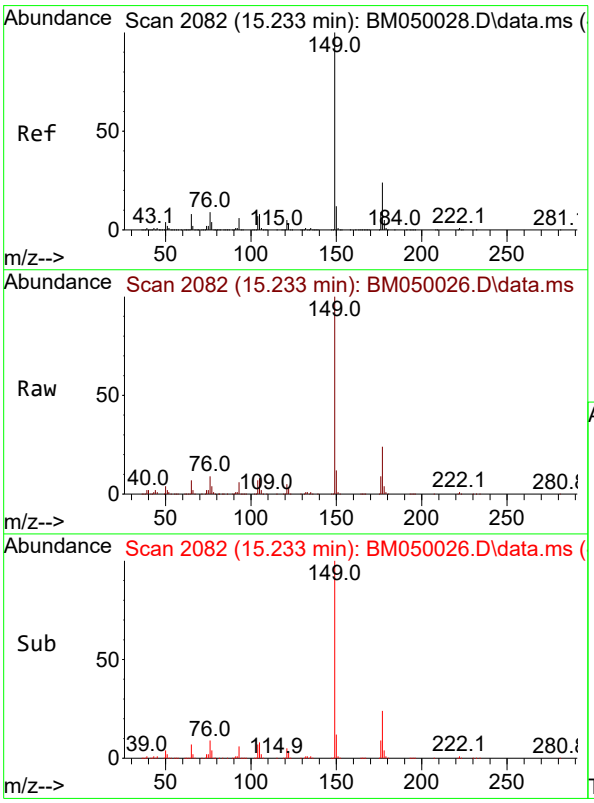
Ion	Ratio	Lower	Upper
232	100		
131	36.2	28.2	42.4
130	2.0	1.5	2.3
166	27.1	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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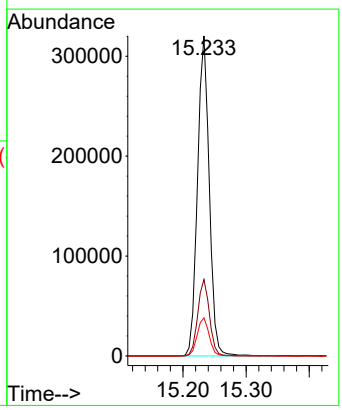
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

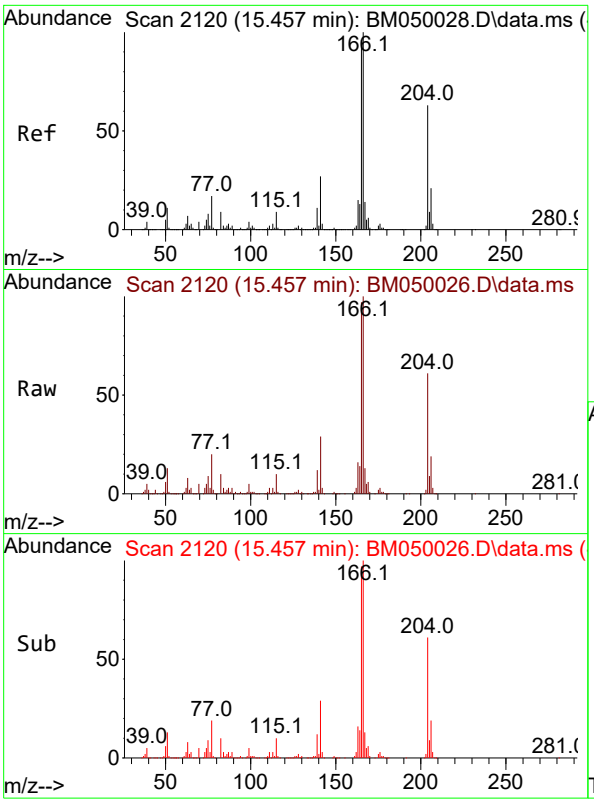


#60
Diethylphthalate
Concen: 9.447 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 414149

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	11.9	9.6	14.4

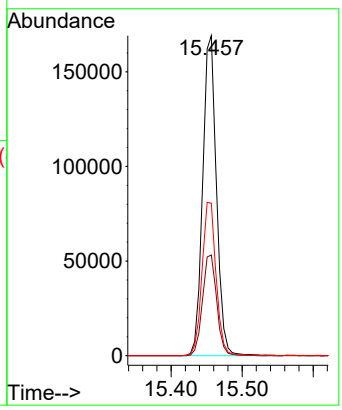




#61
4-Chlorophenyl-phenylether
Concen: 8.908 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:204 Resp: 22792

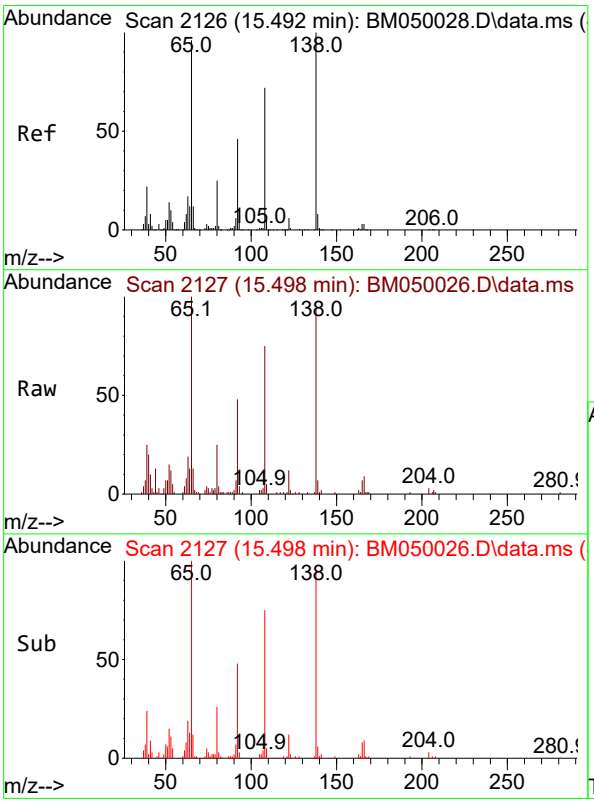
Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.3	39.5
141	47.6	34.0	51.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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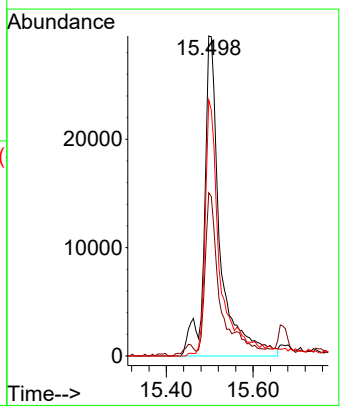
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

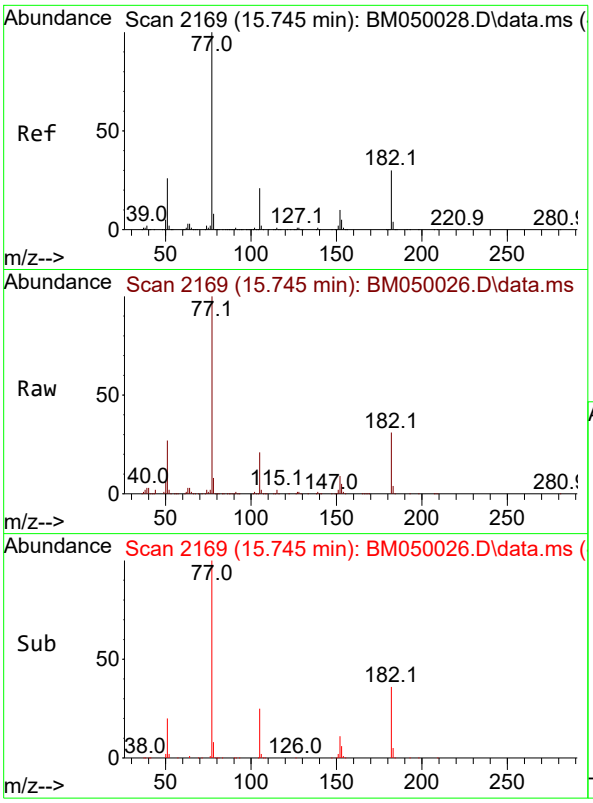


#62
4-Nitroaniline
Concen: 8.397 ng m
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:138 Resp: 74565

Ion	Ratio	Lower	Upper
138	100		
92	51.0	25.9	65.9
108	80.0	52.4	92.4

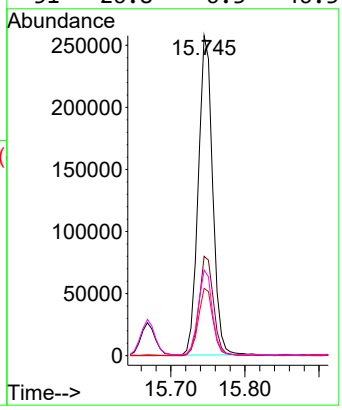




#63
Azobenzene
Concen: 9.454 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion: 77 Resp: 34734

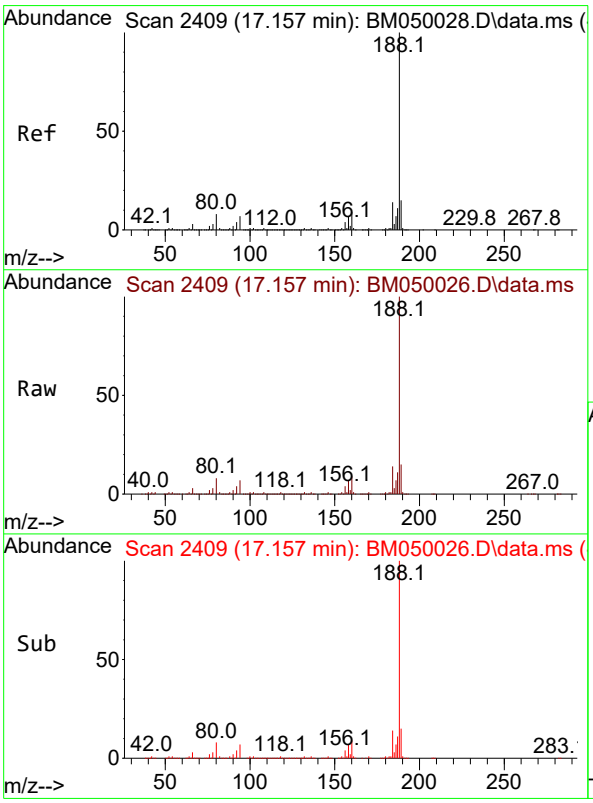
Ion	Ratio	Lower	Upper
77	100		
182	31.0	10.5	50.5
105	21.0	1.1	41.1
51	26.8	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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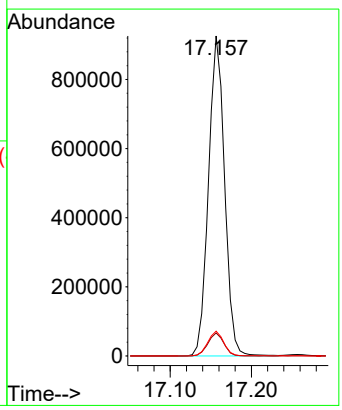
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

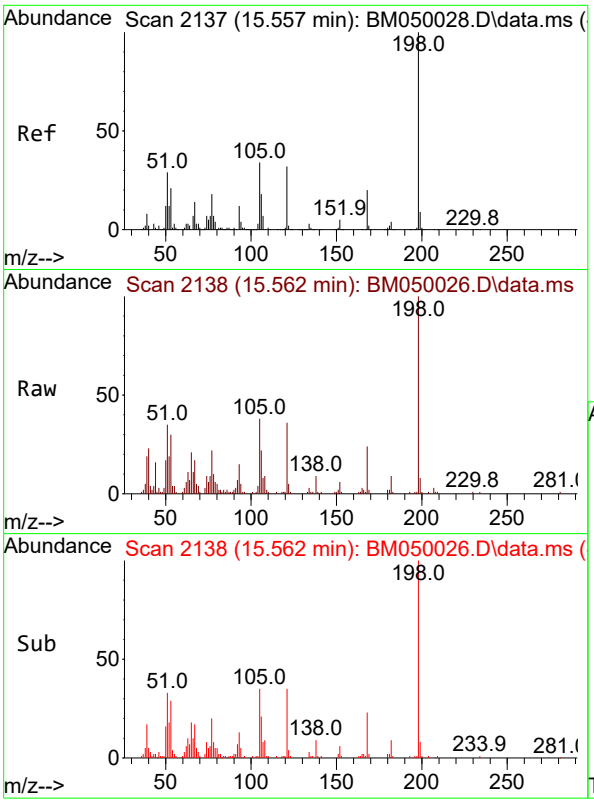


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:188 Resp: 1274608

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.7	8.5
80	7.8	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 7.042 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

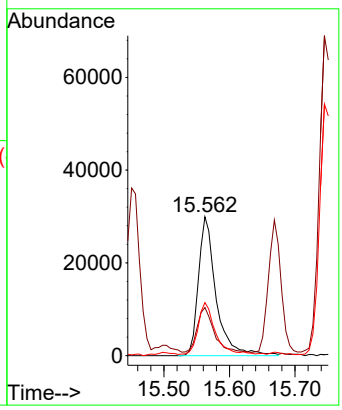
Tgt Ion:198 Resp: 5618

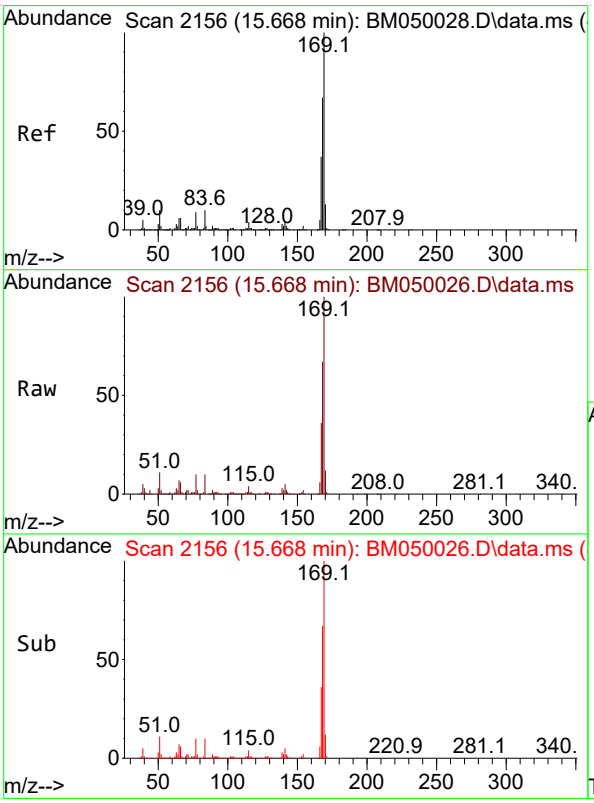
Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	38.2	14.6	54.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

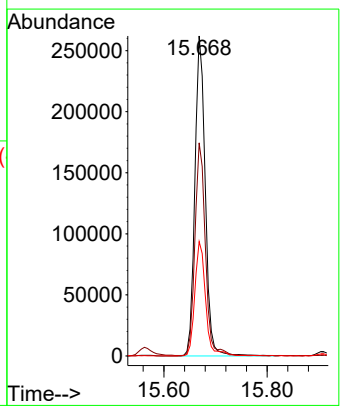


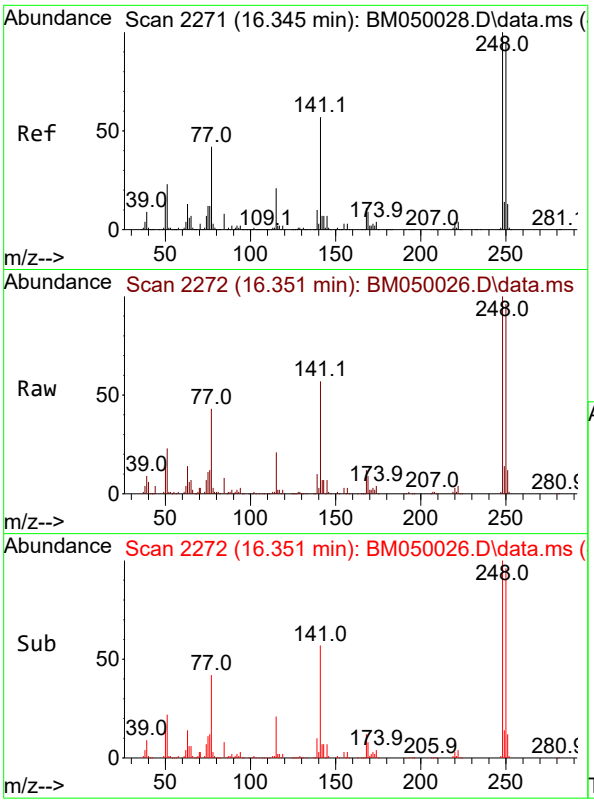


#66
n-Nitrosodiphenylamine
Concen: 9.315 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:169 Resp: 364601

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	35.8	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 8.923 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

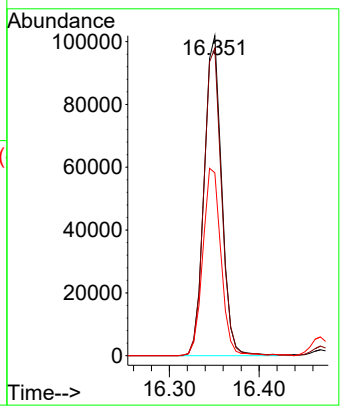
Tgt Ion:248 Resp: 13753

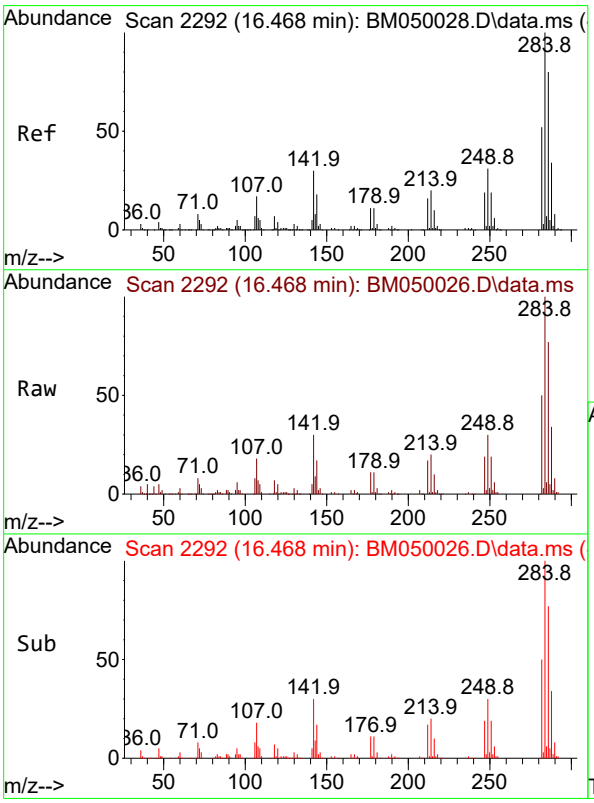
Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.2	114.2
141	57.1	45.9	68.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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

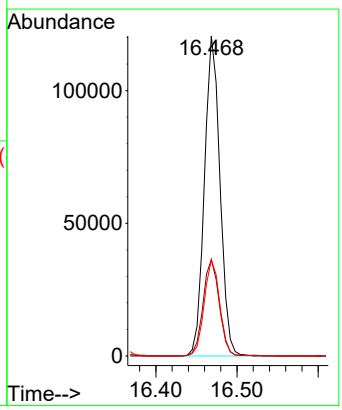


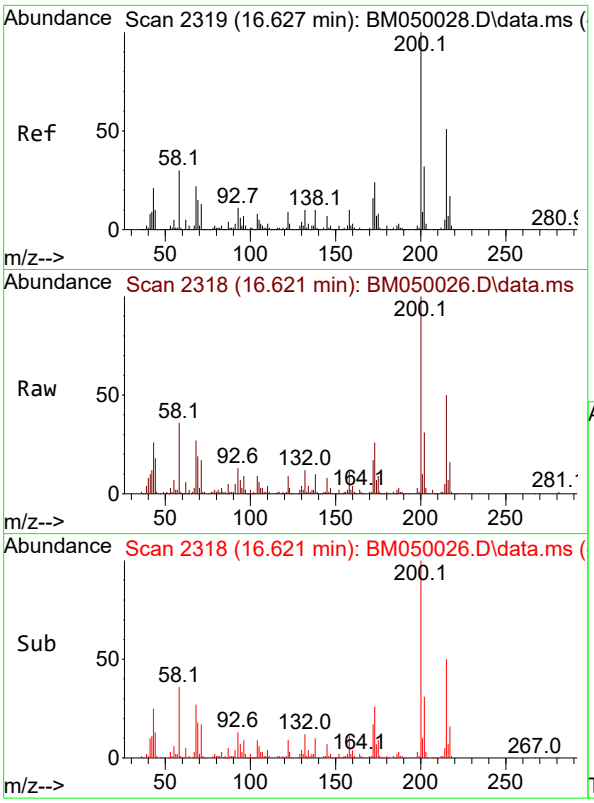


#68
Hexachlorobenzene
Concen: 9.016 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:284 Resp: 160195

Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.9	35.9
249	30.0	24.5	36.7

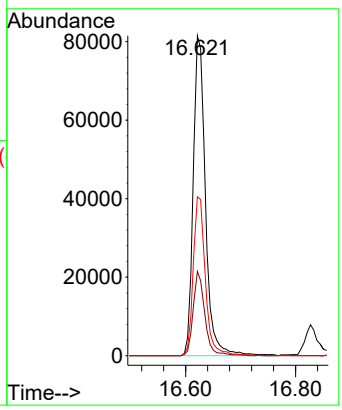




#69
Atrazine
Concen: 8.937 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:200 Resp: 12616

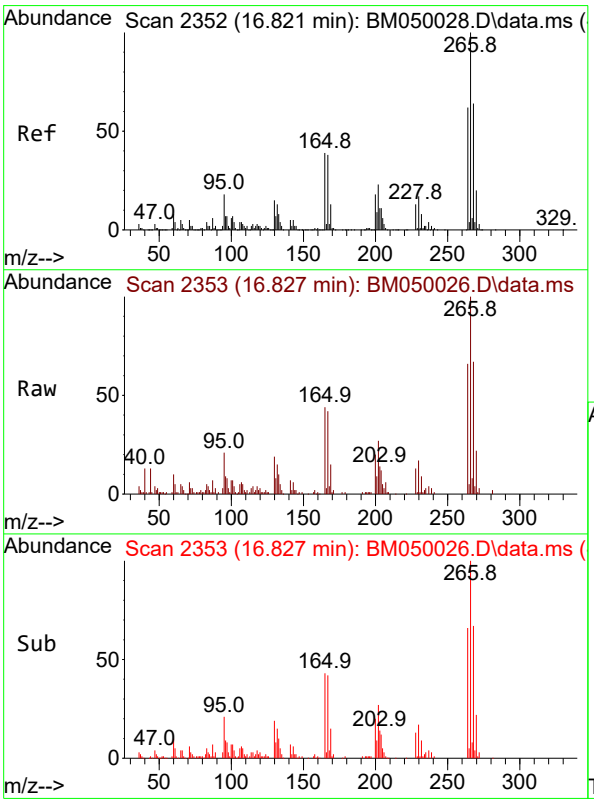
Ion	Ratio	Lower	Upper
200	100		
173	26.3	4.3	44.3
215	49.6	30.6	70.6



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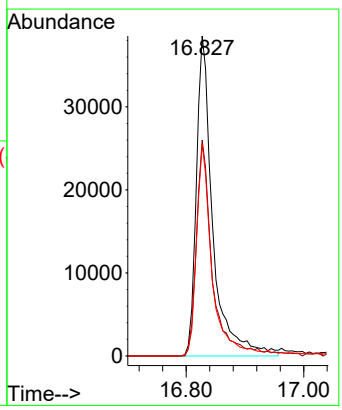
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

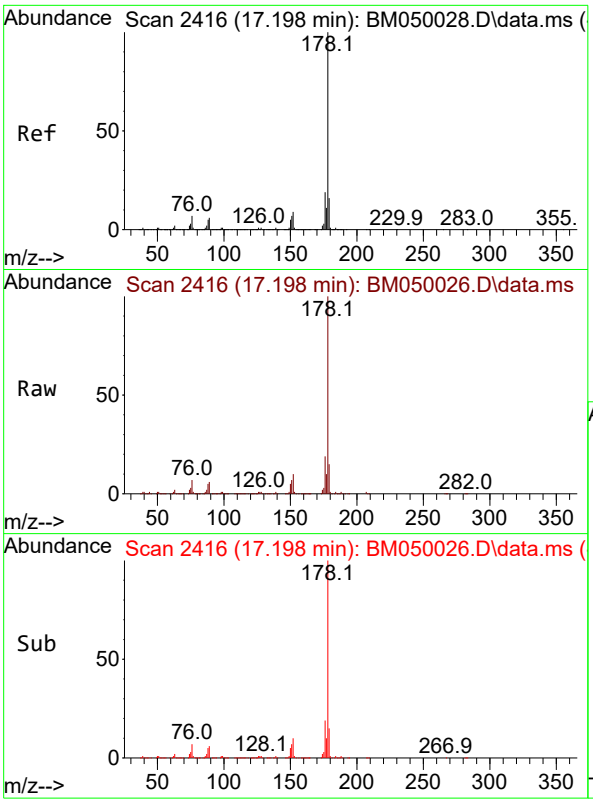


#70
Pentachlorophenol
Concen: 7.483 ng
RT: 16.827 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:266 Resp: 74839

Ion	Ratio	Lower	Upper
266	100		
268	67.5	51.2	76.8
264	66.3	49.6	74.4





#71
Phenanthrene
Concen: 9.172 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

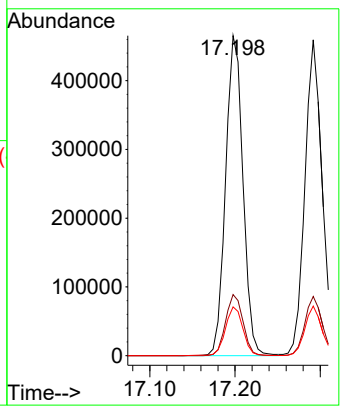
Tgt Ion:178 Resp: 65937

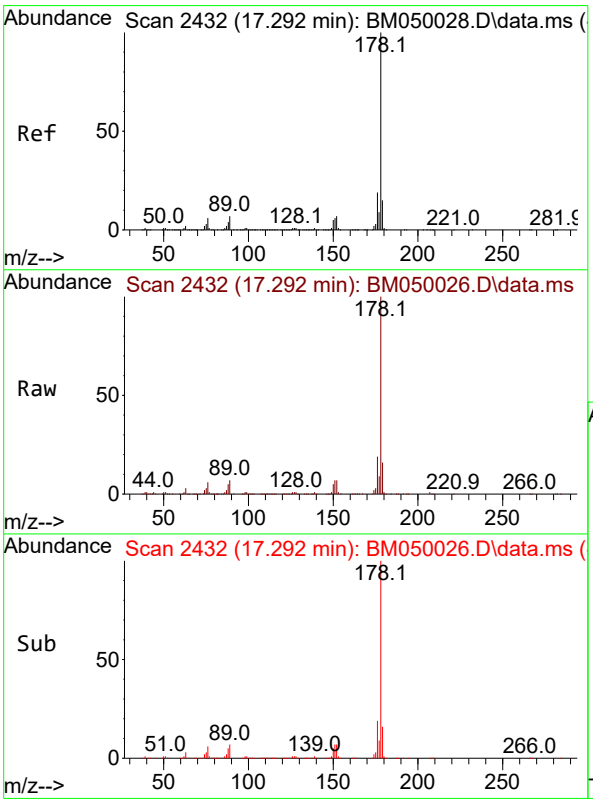
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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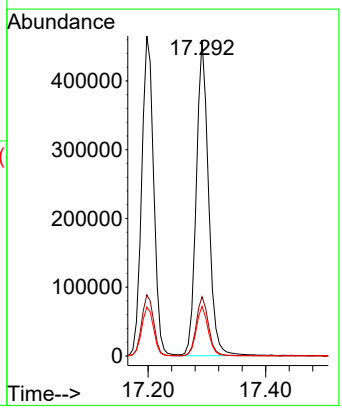


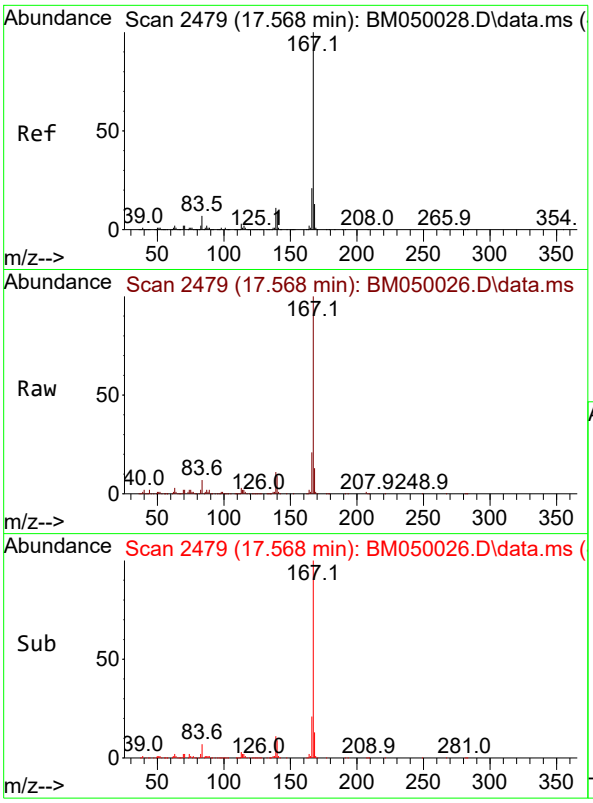


#72
Anthracene
Concen: 9.089 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:178 Resp: 661260

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.2	18.4





#73
Carbazole
Concen: 9.087 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

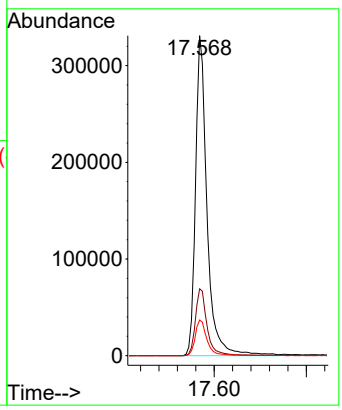
Tgt Ion:167 Resp: 57366

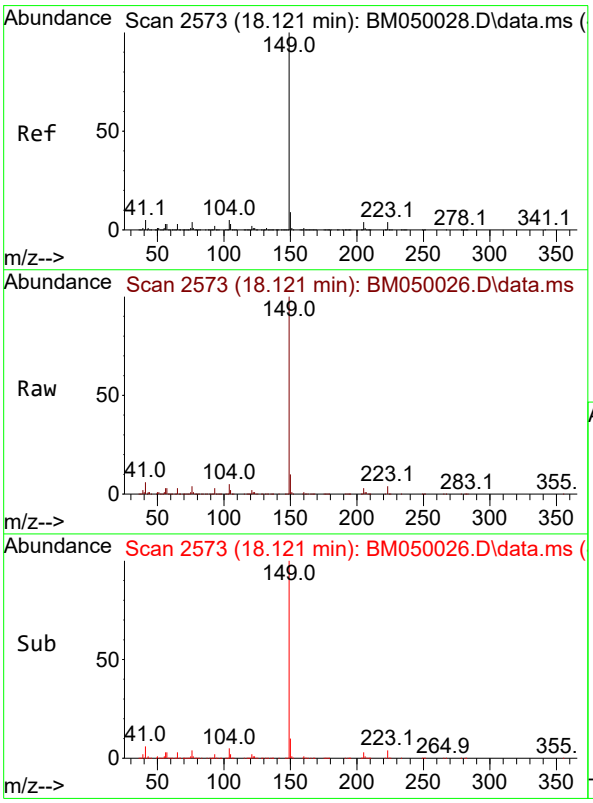
Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	11.2	9.0	13.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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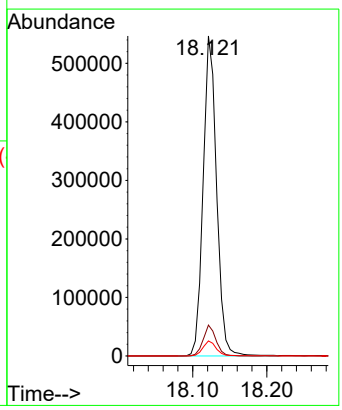


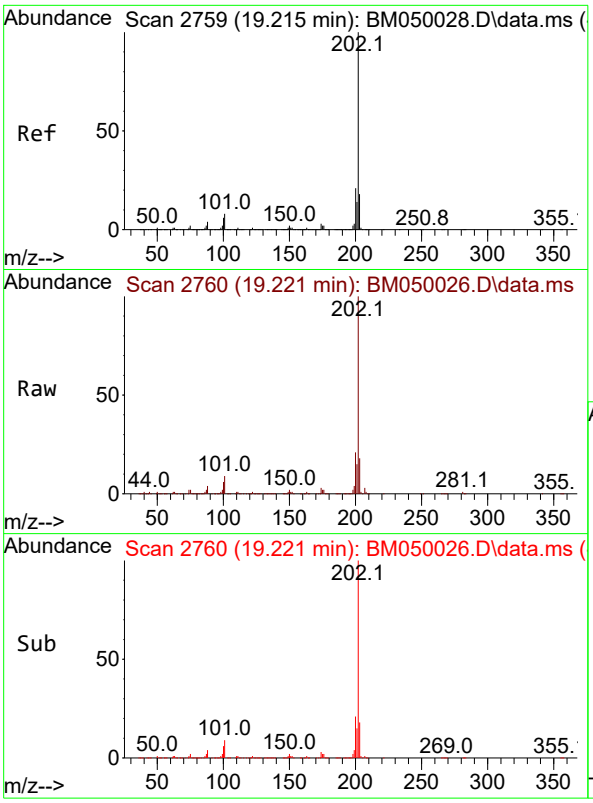


#74
Di-n-butylphthalate
Concen: 9.168 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 689248

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.3	10.9
104	4.7	3.8	5.6

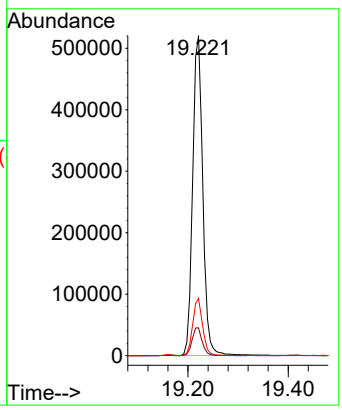




#75
Fluoranthene
Concen: 8.621 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 72760

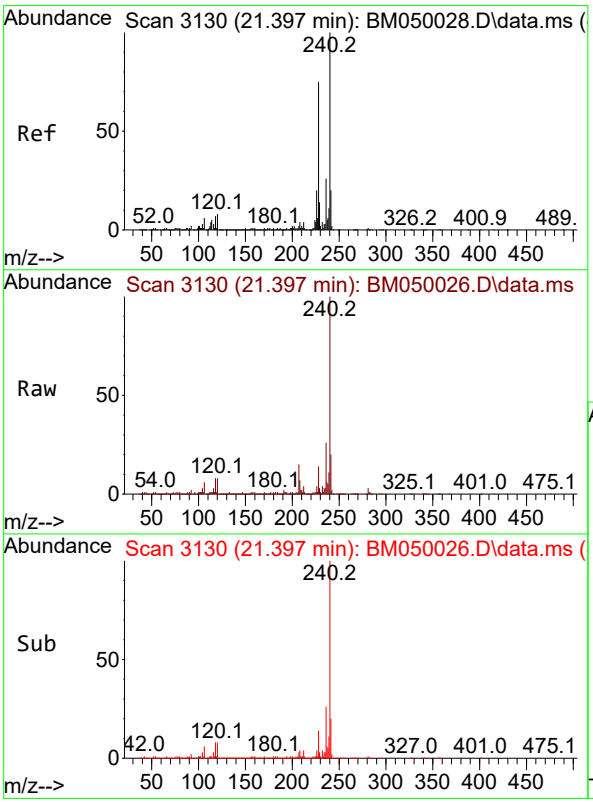
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.0
203	18.0	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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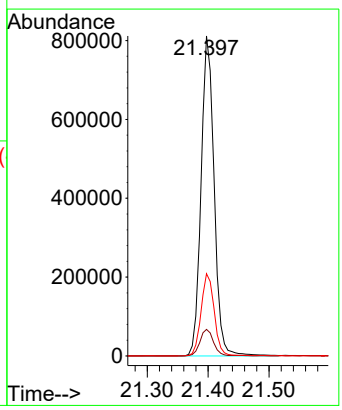
Reviewed By :Rahul Chavli 04/29/2025
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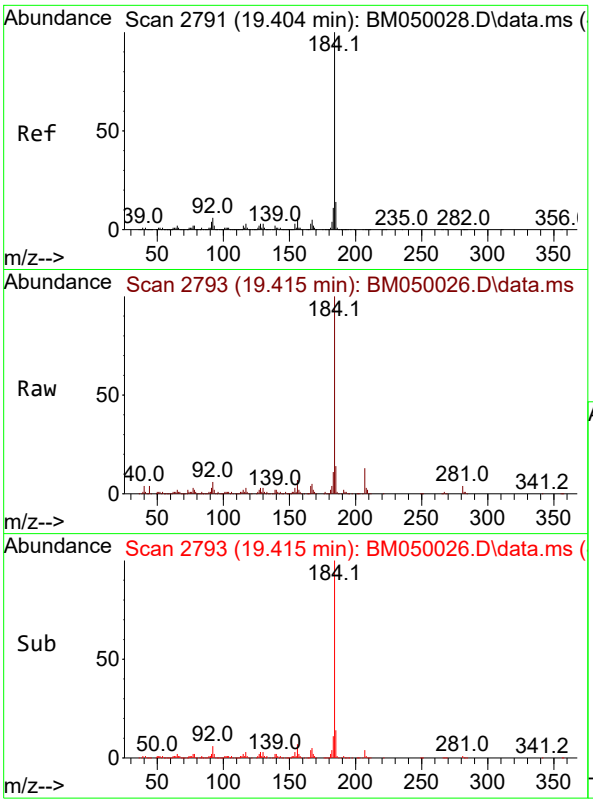


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:240 Resp: 1213581

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.7	20.9	31.3

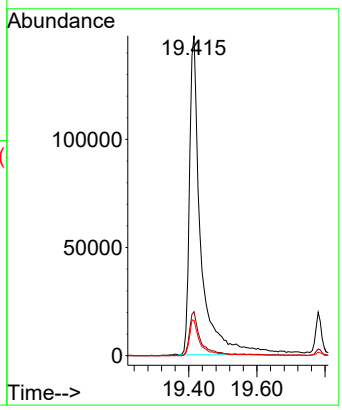




#77
Benzidine
Concen: 7.887 ng
RT: 19.415 min Scan# 2
Delta R.T. 0.011 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:184 Resp: 33997

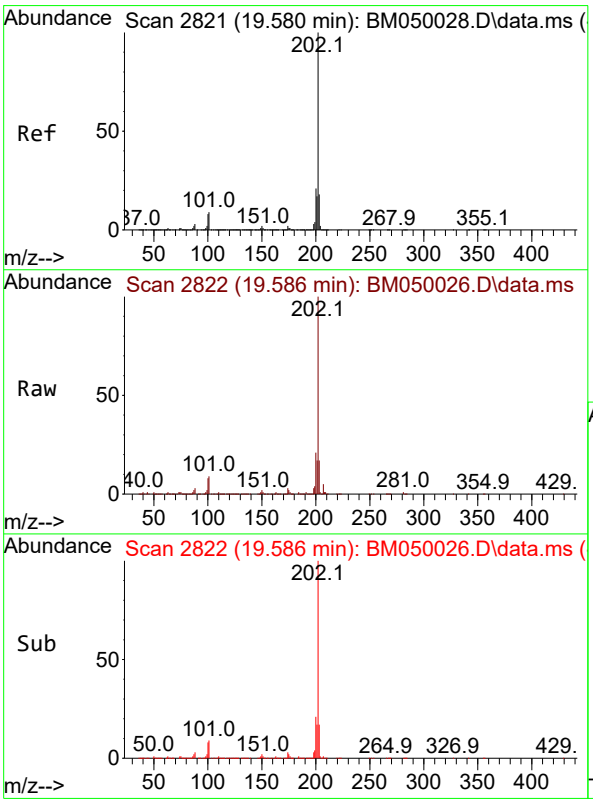
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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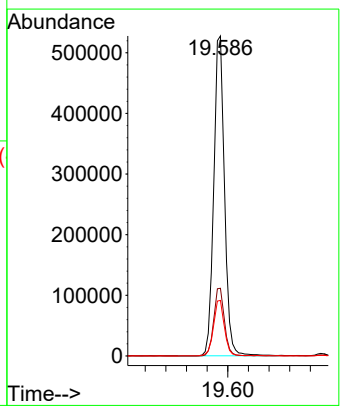
Reviewed By :Rahul Chavli 04/29/2025
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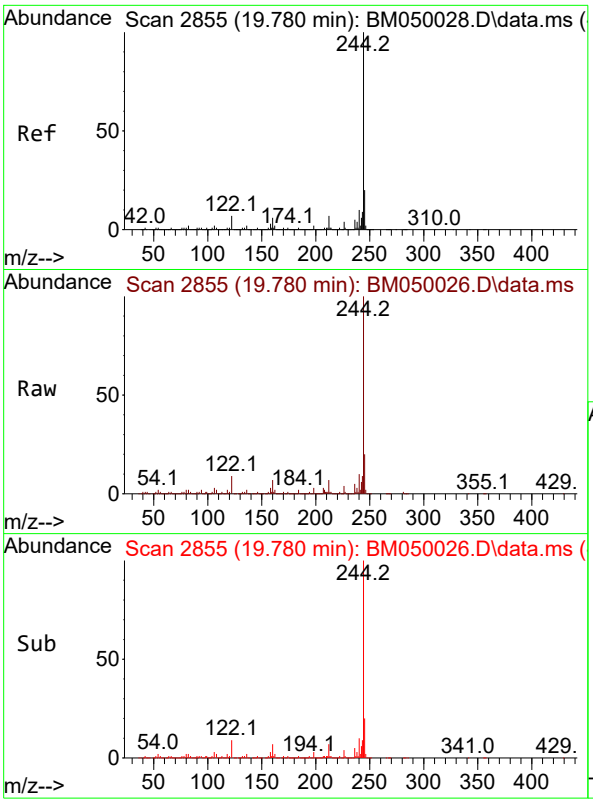


#78
Pyrene
Concen: 8.937 ng
RT: 19.586 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:202 Resp: 761625

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.3	14.1	21.1

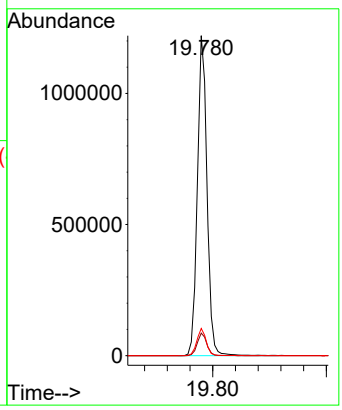




#79
Terphenyl-d14
Concen: 17.601 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:244 Resp: 144352

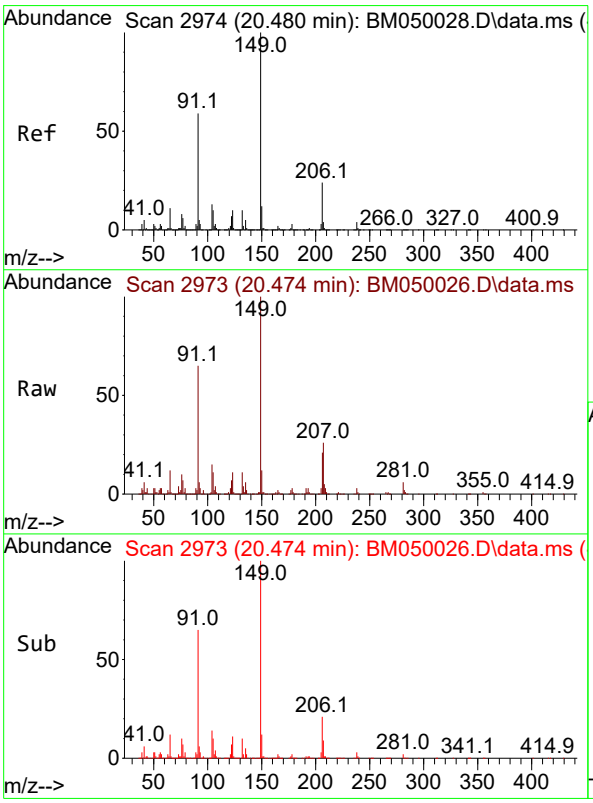
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	8.5	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
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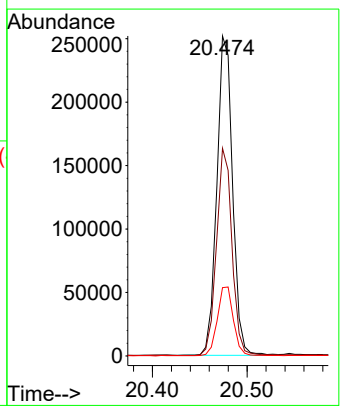
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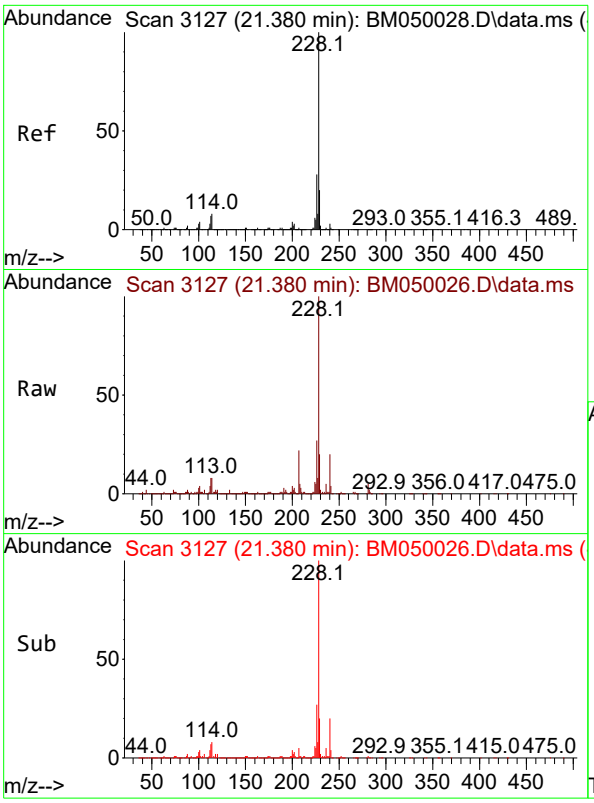


#80
Butylbenzylphthalate
Concen: 9.105 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 290617

Ion	Ratio	Lower	Upper
149	100		
91	64.9	47.4	71.2
206	21.3	19.4	29.0

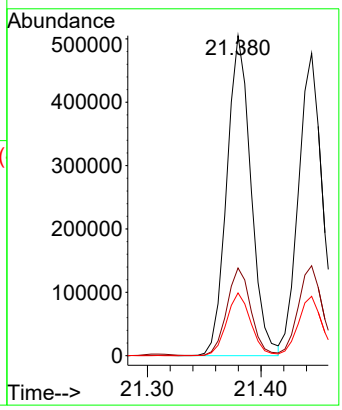




#81
Benzo(a)anthracene
Concen: 8.940 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 74712

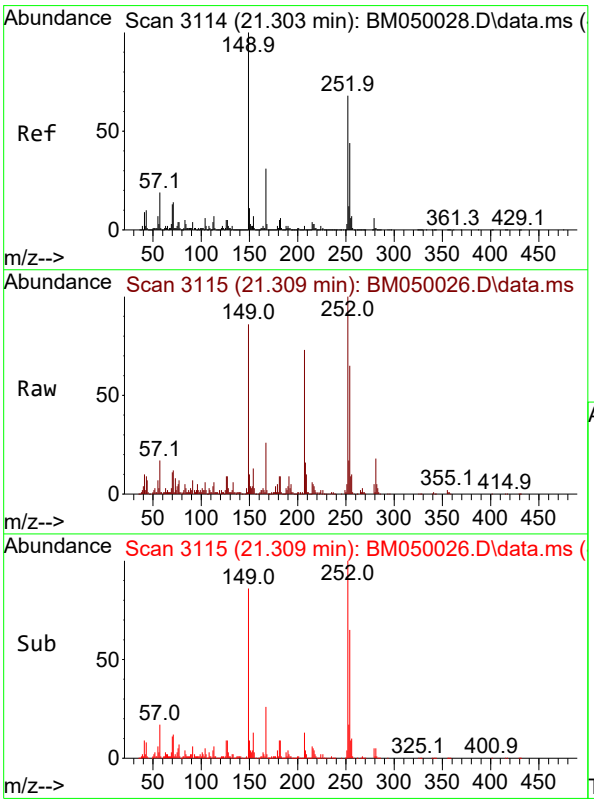
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
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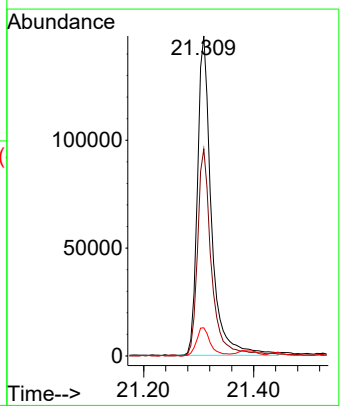
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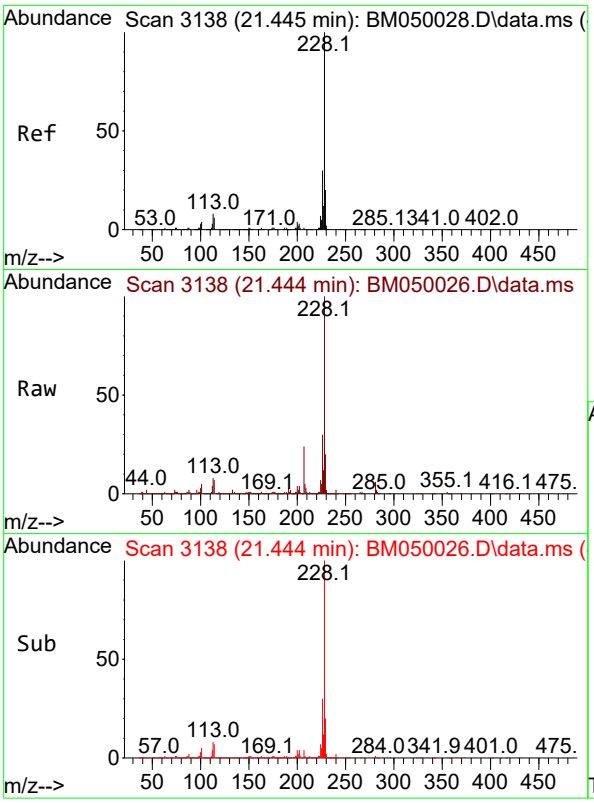


#82
3,3'-Dichlorobenzidine
Concen: 8.190 ng
RT: 21.309 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 262017

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	8.8	6.0	9.0

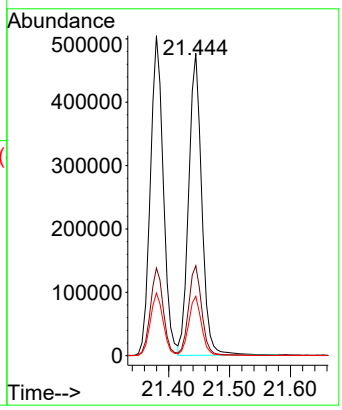




#83
Chrysene
Concen: 9.178 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:228 Resp: 70986

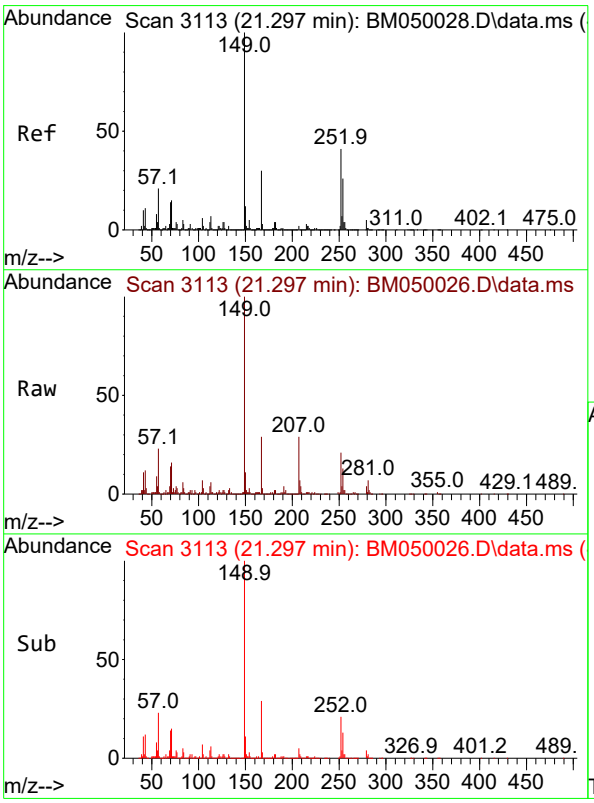
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.6	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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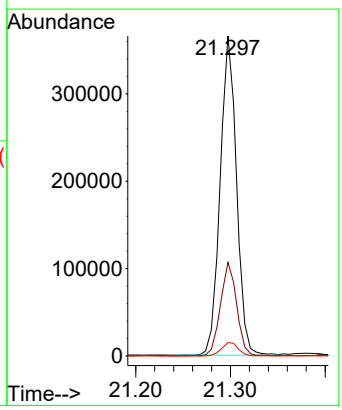
Reviewed By :Rahul Chavli 04/29/2025
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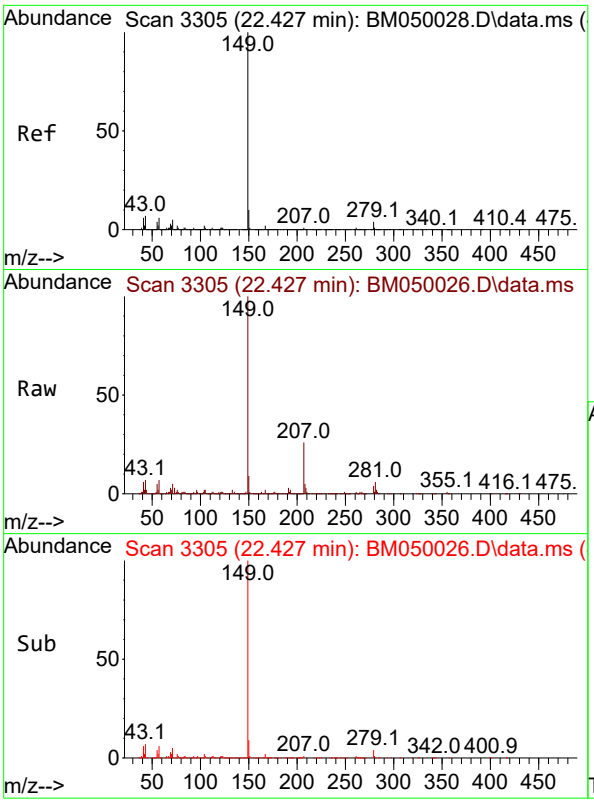


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.228 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 439949

Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.1	36.1
279	4.2	3.9	5.9

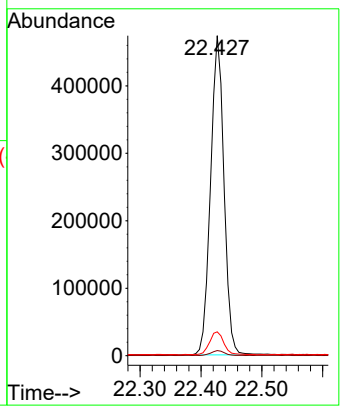




#85
Di-n-octyl phthalate
Concen: 9.236 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:149 Resp: 72620

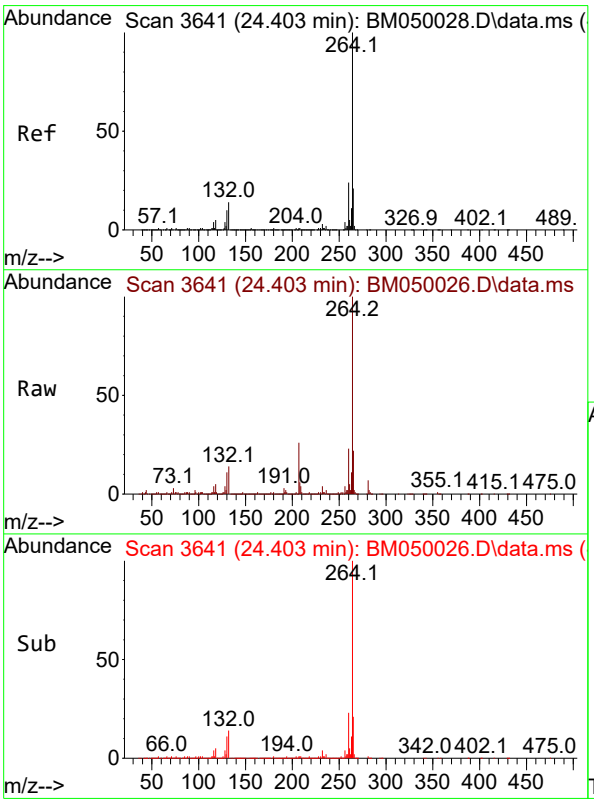
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

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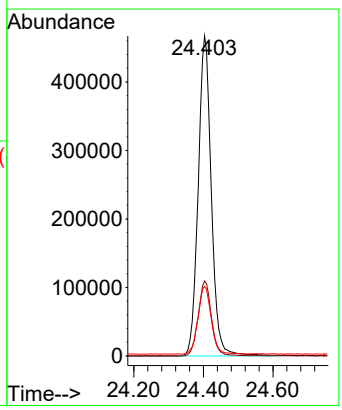
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

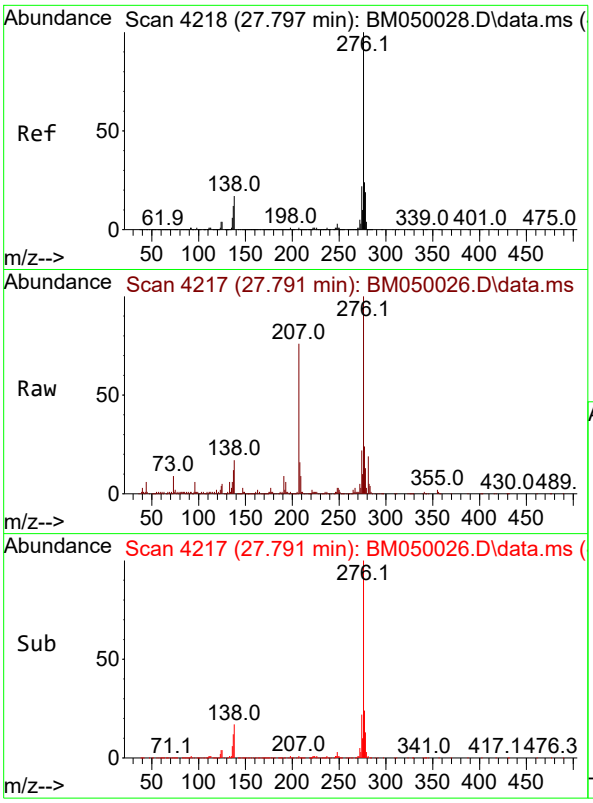


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:264 Resp: 1224339

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.7	17.0	25.4

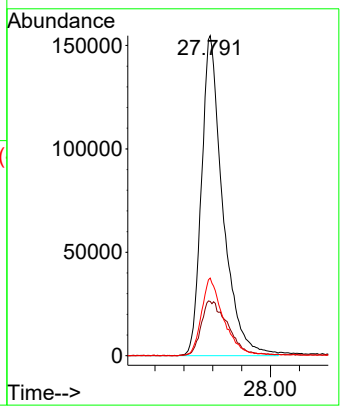




#87
Indeno(1,2,3-cd)pyrene
Concen: 8.674 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 79134

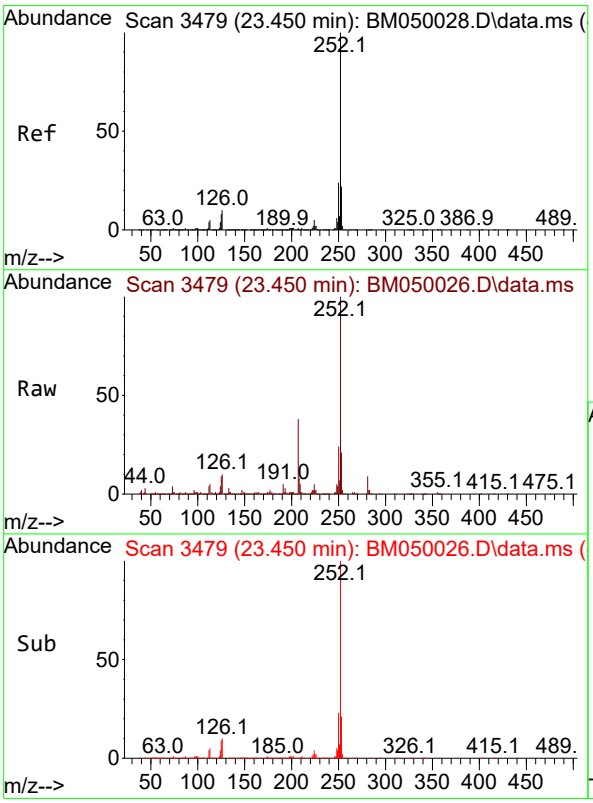
Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.4	24.6
277	25.3	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

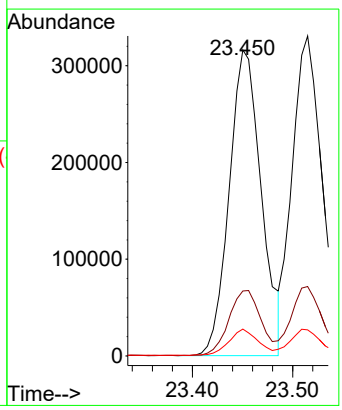
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

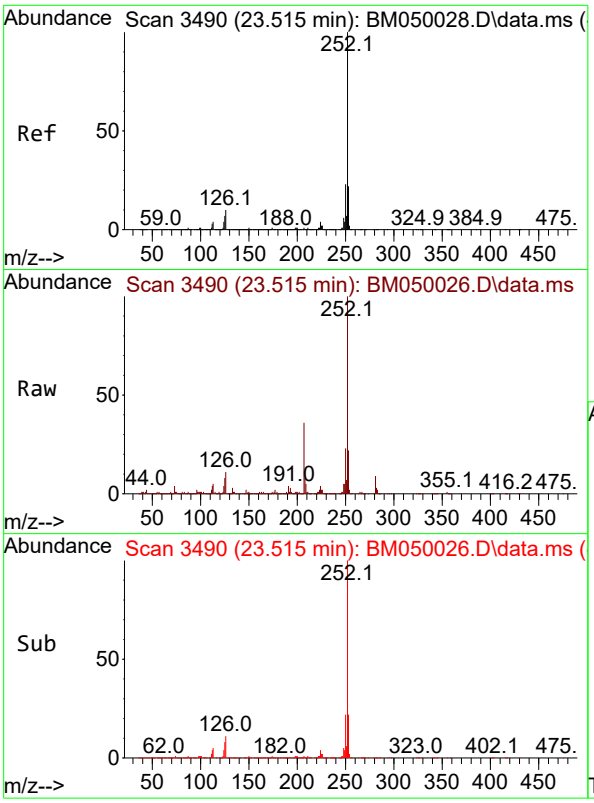


#88
Benzo(b)fluoranthene
Concen: 8.831 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 703118

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	8.8	6.1	9.1

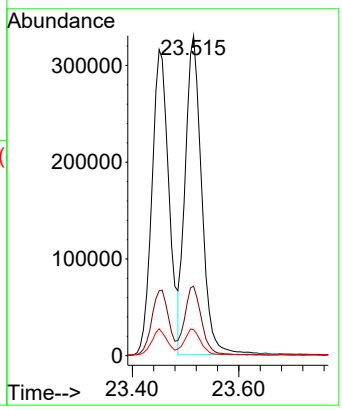




#89
Benzo(k)fluoranthene
Concen: 8.741 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 70414

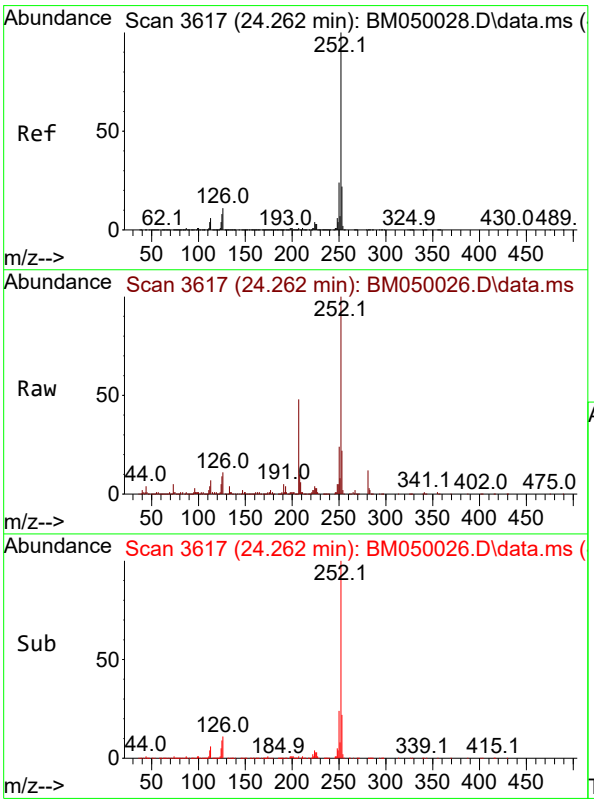
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	8.2	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

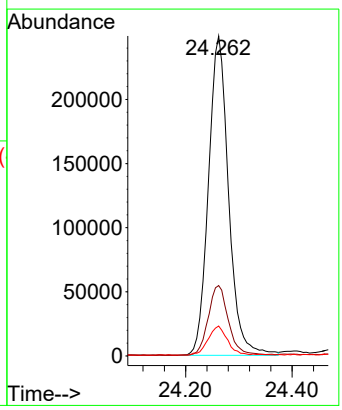
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

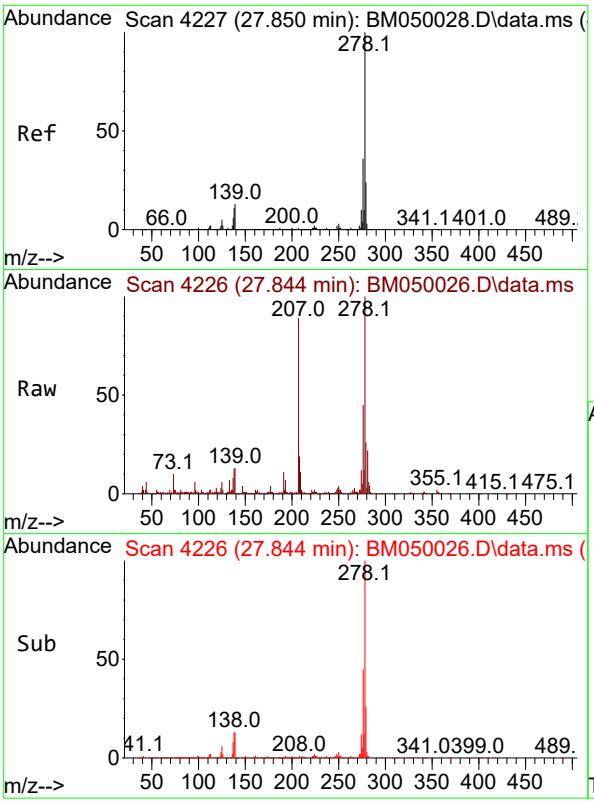


#90
Benzo(a)pyrene
Concen: 8.751 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:252 Resp: 652617

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.4	6.6	9.8

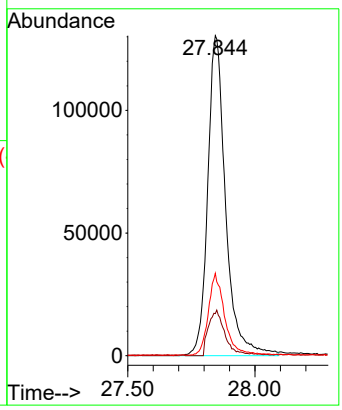




#91
Dibenzo(a,h)anthracene
Concen: 8.591 ng
RT: 27.844 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:278 Resp: 63891

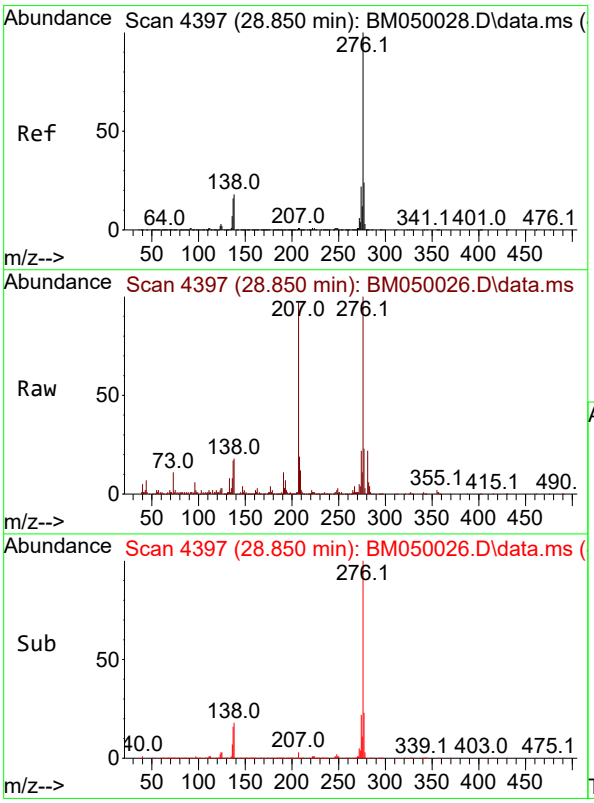
Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.5	15.7
279	25.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

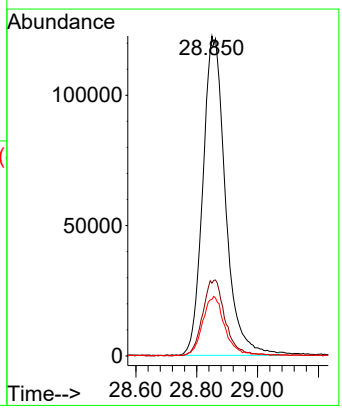
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 8.852 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050026.D
Acq: 28 Apr 2025 13:48

Tgt Ion:276 Resp: 630261

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	17.7	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	242715	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	896366	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	614688	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1244440	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1204355	20.000	ng		0.00
86) Perylene-d12	24.403	264	1191041	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	537488	38.777	ng		0.00
7) Phenol-d6	6.951	99	678404	38.941	ng		0.00
23) Nitrobenzene-d5	8.928	82	712171	39.151	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	345020	37.960	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	2005788	38.602	ng		0.00
79) Terphenyl-d14	19.780	244	3208242	39.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	115944	19.509	ng		99
3) Pyridine	3.658	79	298256	19.532	ng		98
4) n-Nitrosodimethylamine	3.569	42	115296	19.251	ng	#	100
6) Aniline	7.098	93	429222	19.511	ng		99
8) 2-Chlorophenol	7.340	128	290876	19.409	ng		99
9) Benzaldehyde	6.910	77	235594	20.233	ng		98
10) Phenol	6.981	94	344567	19.537	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	285330	19.375	ng		99
12) 1,3-Dichlorobenzene	7.657	146	352660	19.480	ng		99
13) 1,4-Dichlorobenzene	7.804	146	354975	19.518	ng		99
14) 1,2-Dichlorobenzene	8.122	146	345385	19.660	ng		99
15) Benzyl Alcohol	8.016	79	234541	19.413	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.293	45	350829	19.598	ng		98
17) 2-Methylphenol	8.228	107	225978	19.450	ng		99
18) Hexachloroethane	8.845	117	126530	19.571	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	223538	20.006	ng		99
20) 3+4-Methylphenols	8.557	107	307585	19.604	ng		97
22) Acetophenone	8.592	105	434539	19.499	ng		98
24) Nitrobenzene	8.969	77	309341	19.667	ng		99
25) Isophorone	9.498	82	609252	19.648	ng		99
26) 2-Nitrophenol	9.681	139	154364	19.211	ng		97
27) 2,4-Dimethylphenol	9.751	122	259319	19.460	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	378162	19.732	ng		100
29) 2,4-Dichlorophenol	10.234	162	292336	19.582	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	352792	19.397	ng		98
31) Naphthalene	10.610	128	890530	19.618	ng		99
32) Benzoic acid	9.881	122	154412m	18.168	ng		
33) 4-Chloroaniline	10.734	127	362366	19.475	ng		99
34) Hexachlorobutadiene	10.898	225	223143	19.327	ng		99
35) Caprolactam	11.516	113	84917	19.509	ng		93
36) 4-Chloro-3-methylphenol	11.875	107	270510	19.613	ng		99
37) 2-Methylnaphthalene	12.228	142	593403	19.498	ng		99
38) 1-Methylnaphthalene	12.445	142	634293	19.694	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	402355	18.909	ng		99
41) Hexachlorocyclopentadiene	12.575	237	222254	17.091	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	260161	19.276	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	278307	19.123	ng	98
46) 1,1'-Biphenyl	13.239	154	892394	19.530	ng	99
47) 2-Chloronaphthalene	13.286	162	709815	19.614	ng	100
48) 2-Nitroaniline	13.498	65	165324	19.465	ng	99
49) Acenaphthylene	14.133	152	1112766	19.502	ng	99
50) Dimethylphthalate	13.869	163	883120	19.659	ng	99
51) 2,6-Dinitrotoluene	13.986	165	183493	19.729	ng	99
52) Acenaphthene	14.474	154	643177	19.474	ng	99
53) 3-Nitroaniline	14.327	138	174626	19.666	ng	97
54) 2,4-Dinitrophenol	14.551	184	80991	18.373	ng	99
55) Dibenzofuran	14.810	168	1074975	19.562	ng	99
56) 4-Nitrophenol	14.686	139	110948	19.021	ng	96
57) 2,4-Dinitrotoluene	14.786	165	252994	19.685	ng	100
58) Fluorene	15.457	166	879470	19.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	244928	19.442	ng	99
60) Diethylphthalate	15.233	149	848021	20.034	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	473276	19.157	ng	95
62) 4-Nitroaniline	15.492	138	170438	19.880	ng	95
63) Azobenzene	15.745	77	707026	19.930	ng	99
65) 4,6-Dinitro-2-methylph...	15.557	198	136910	17.576	ng	94
66) n-Nitrosodiphenylamine	15.669	169	741920	19.415	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	285352	18.962	ng	98
68) Hexachlorobenzene	16.468	284	327912	18.903	ng	98
69) Atrazine	16.621	200	266068	19.303	ng	98
70) Pentachlorophenol	16.821	266	175794	18.004	ng	99
71) Phenanthrene	17.198	178	1348190	19.208	ng	100
72) Anthracene	17.292	178	1364462	19.210	ng	100
73) Carbazole	17.568	167	1194316	19.377	ng	99
74) Di-n-butylphthalate	18.121	149	1432688	19.519	ng	99
75) Fluoranthene	19.221	202	1555160	18.872	ng	99
77) Benzidine	19.409	184	777502	18.175	ng	99
78) Pyrene	19.580	202	1603874	18.964	ng	100
80) Butylbenzylphthalate	20.474	149	620751	19.597	ng	94
81) Benzo(a)anthracene	21.380	228	1591290	19.187	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	582038	18.333	ng	99
83) Chrysene	21.445	228	1461777	19.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	933505	19.730	ng	98
85) Di-n-octyl phthalate	22.427	149	1525599	19.552	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	1671967	18.840	ng	99
88) Benzo(b)fluoranthene	23.450	252	1439776	18.588	ng	99
89) Benzo(k)fluoranthene	23.515	252	1489410	19.005	ng	100
90) Benzo(a)pyrene	24.262	252	1365706	18.825	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	1360269	18.803	ng	99
92) Benzo(g,h,i)perylene	28.850	276	1316513	19.008	ng	99

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

ICAL Form

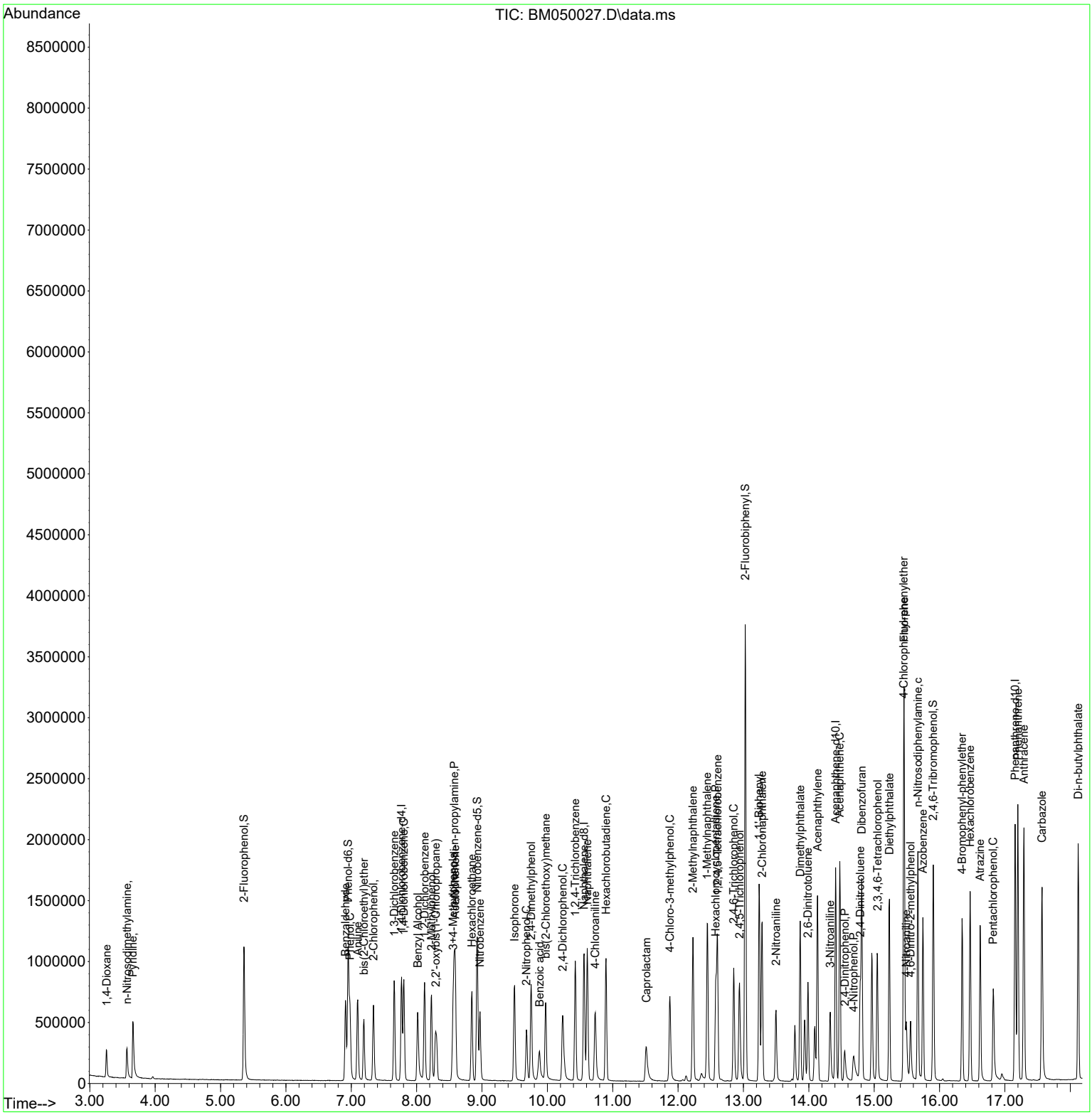
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Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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



ICAL Form

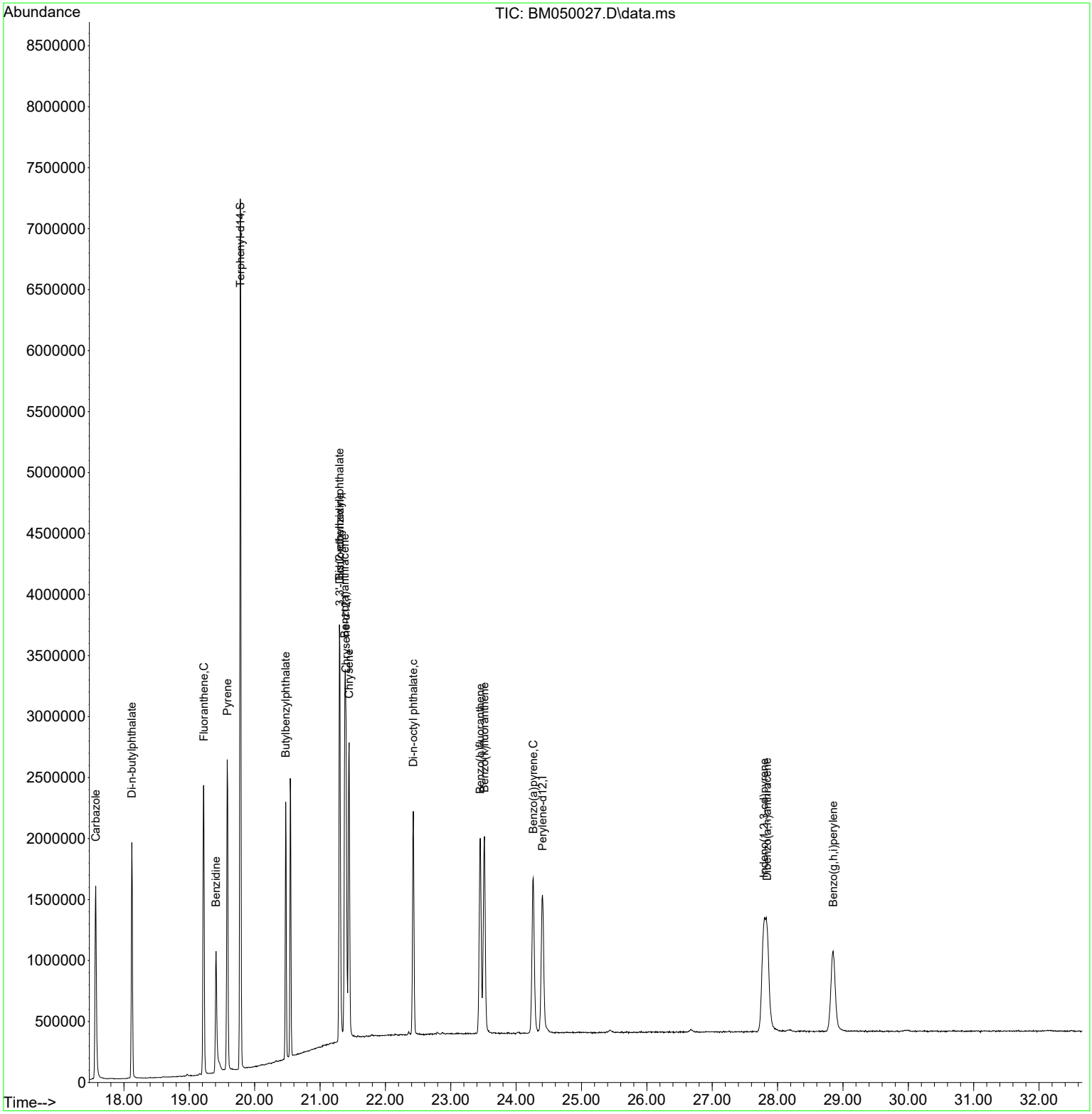
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050027.D
Acq On : 28 Apr 2025 14:27
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

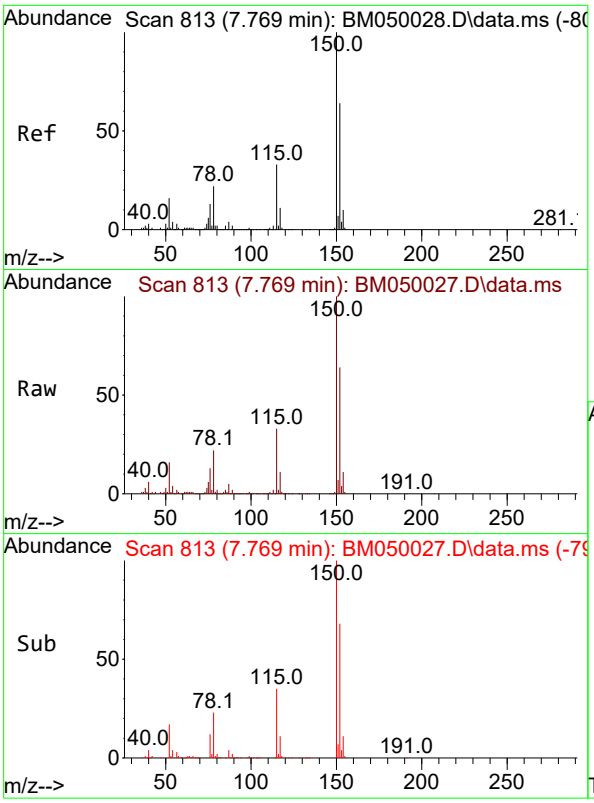
Quant Time: Apr 28 17:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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

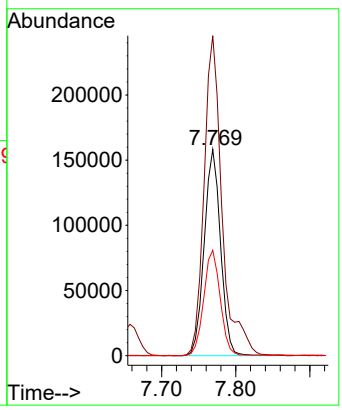




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 24271

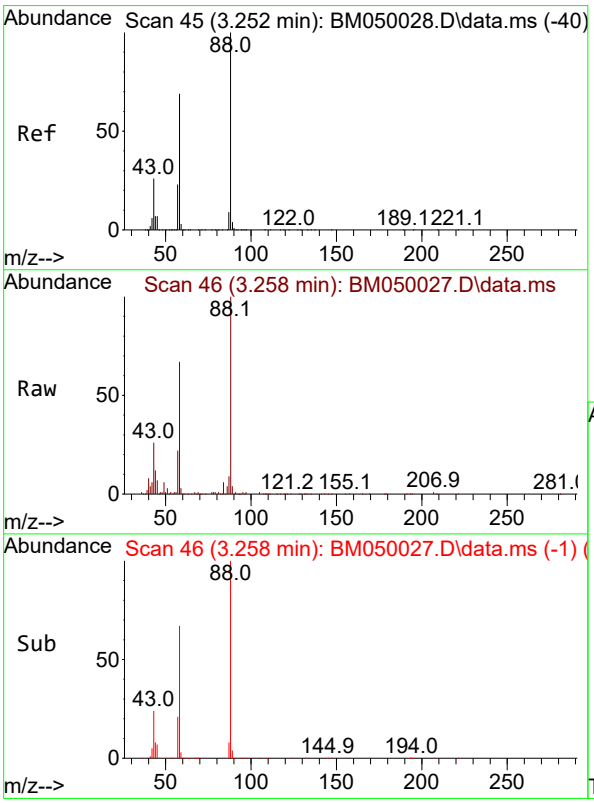
Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.1	186.1
115	51.1	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

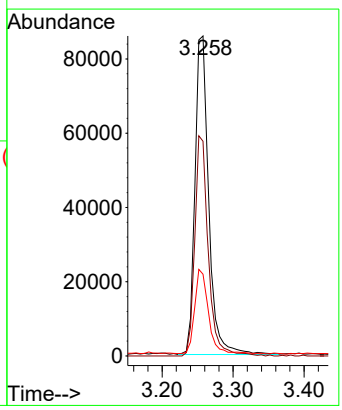
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

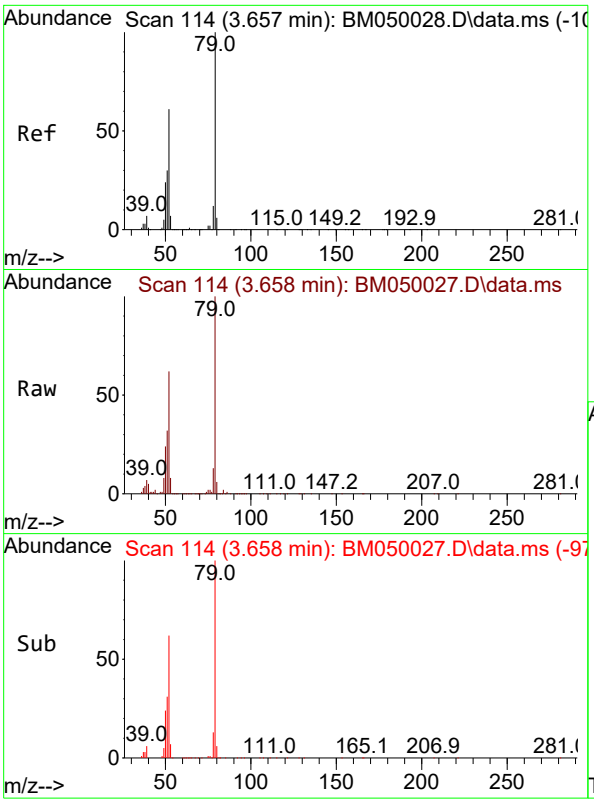


#2
1,4-Dioxane
Concen: 19.509 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 88 Resp: 115944

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	26.7	20.9	31.3

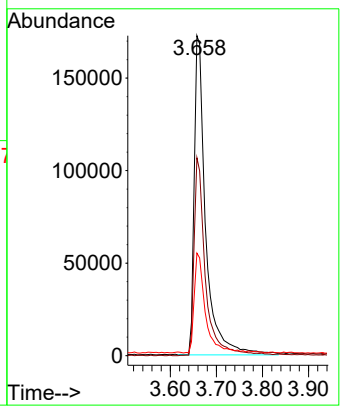




#3
Pyridine
Concen: 19.532 ng
RT: 3.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 29825

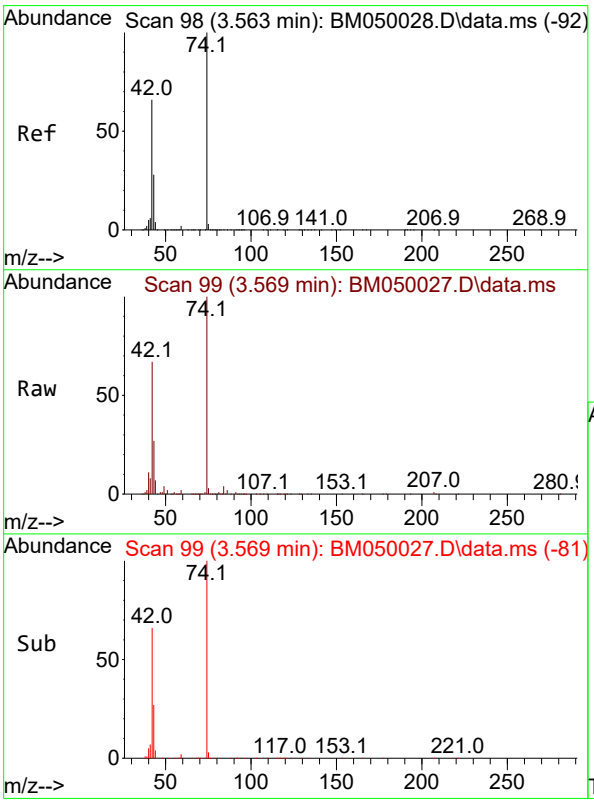
Ion	Ratio	Lower	Upper
79	100		
52	61.8	48.6	72.8
51	32.1	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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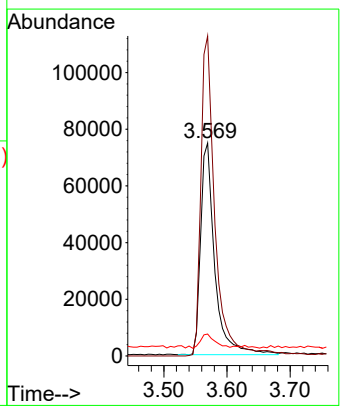
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

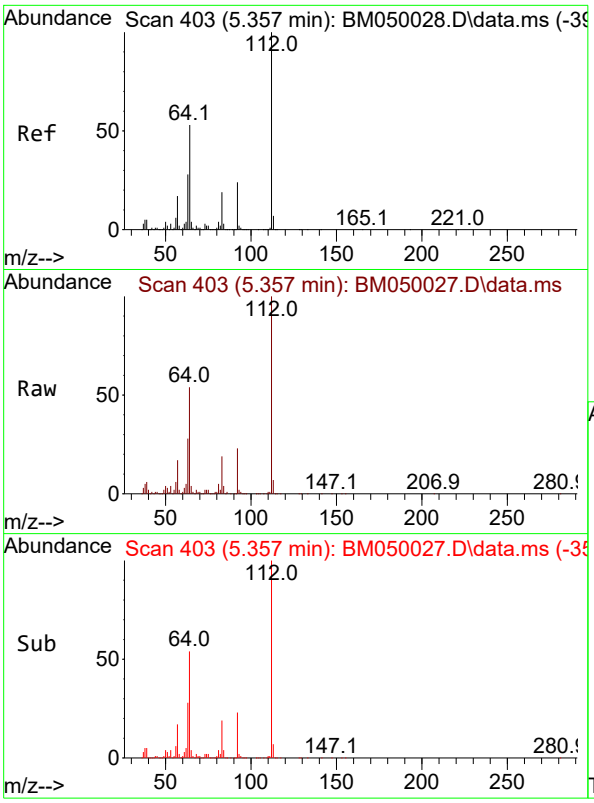


#4
n-Nitrosodimethylamine
Concen: 19.251 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 42 Resp: 115296

Ion	Ratio	Lower	Upper
42	100		
74	150.3	120.2	180.2
44	10.3	6.2	9.2#

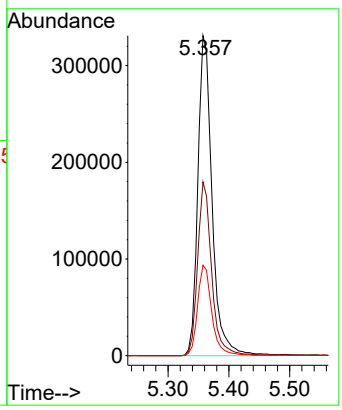




#5
2-Fluorophenol
Concen: 38.777 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:112 Resp: 53748

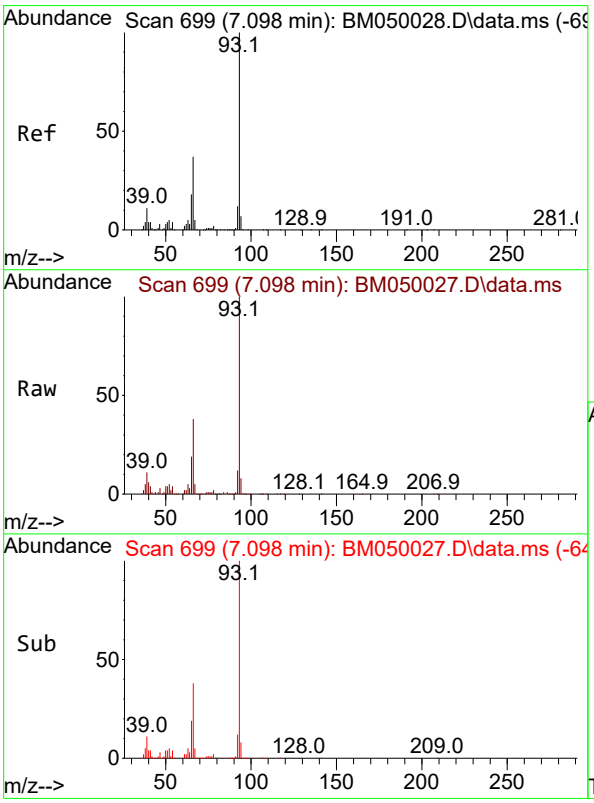
Ion	Ratio	Lower	Upper
112	100		
64	54.3	42.6	64.0
63	28.2	22.2	33.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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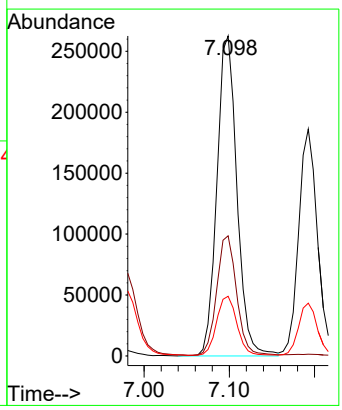
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

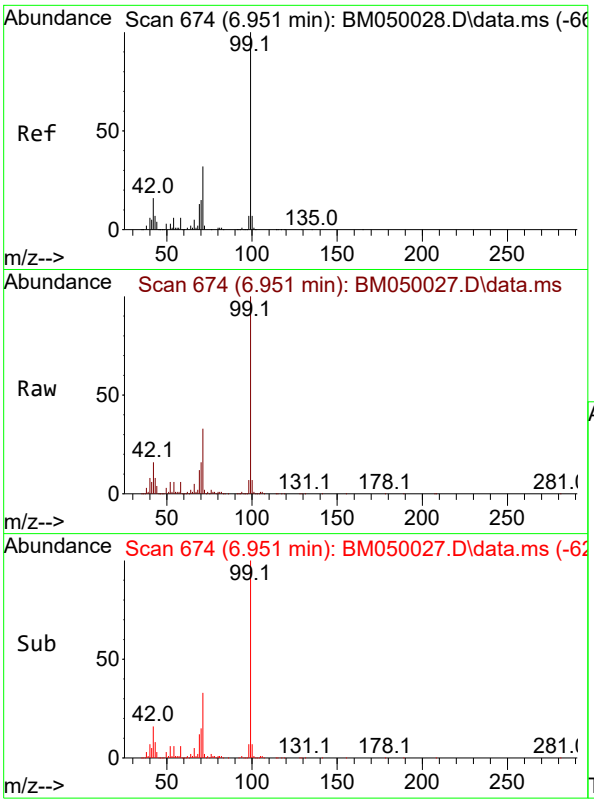


#6
Aniline
Concen: 19.511 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 429222

Ion	Ratio	Lower	Upper
93	100		
66	37.5	29.9	44.9
65	18.7	14.5	21.7





#7
Phenol-d6
Concen: 38.941 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

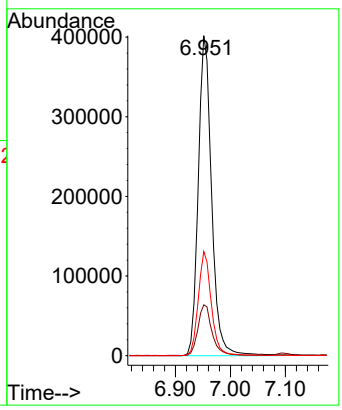
Tgt Ion: 99 Resp: 67840

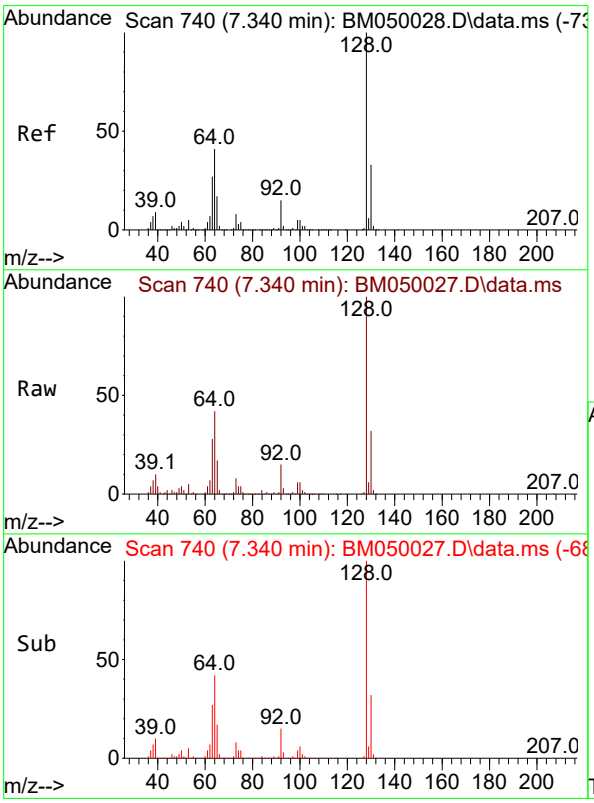
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	32.6	25.6	38.4

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

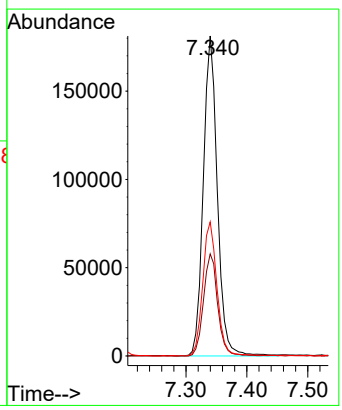


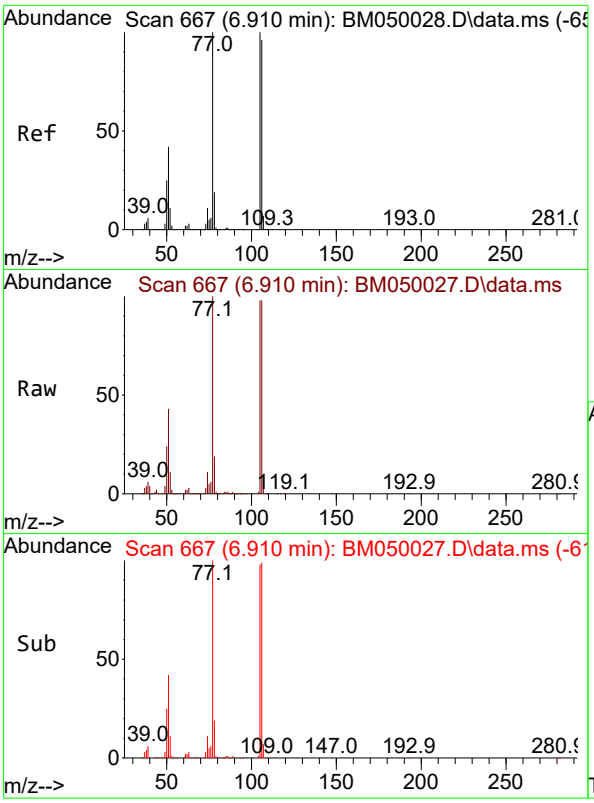


#8
2-Chlorophenol
Concen: 19.409 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 290876

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.8	52.8
64	41.9	21.2	61.2

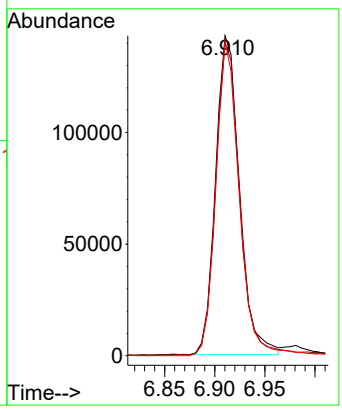




#9
Benzaldehyde
Concen: 20.233 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 23559

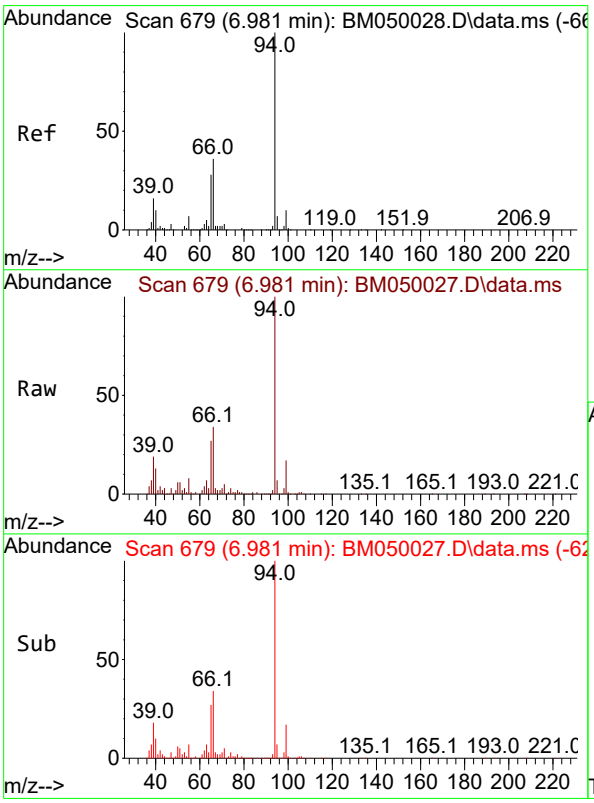
Ion	Ratio	Lower	Upper
77	100		
105	97.9	80.5	120.5
106	98.3	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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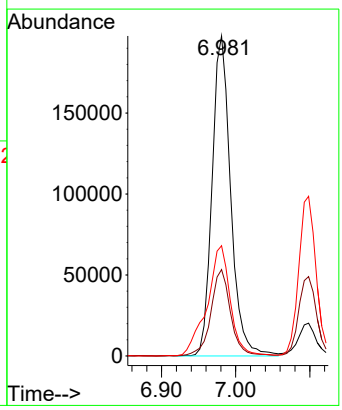
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

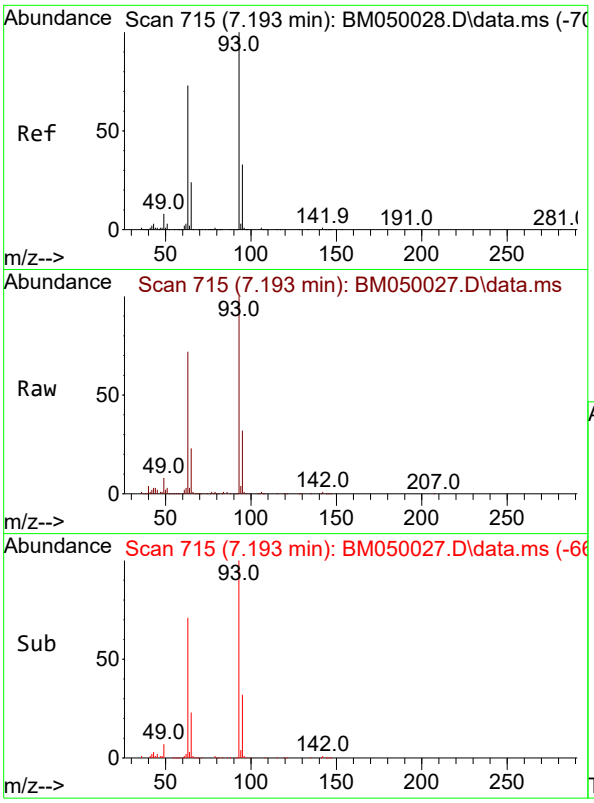


#10
Phenol
Concen: 19.537 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 94 Resp: 344567

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.6	47.6
66	34.4	15.8	55.8

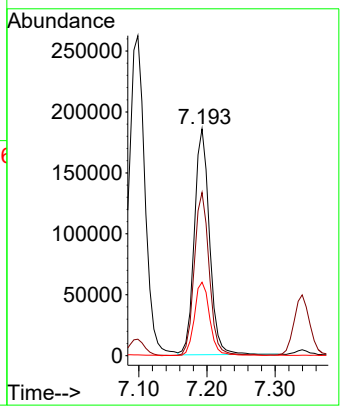




#11
bis(2-Chloroethyl)ether
Concen: 19.375 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 28533

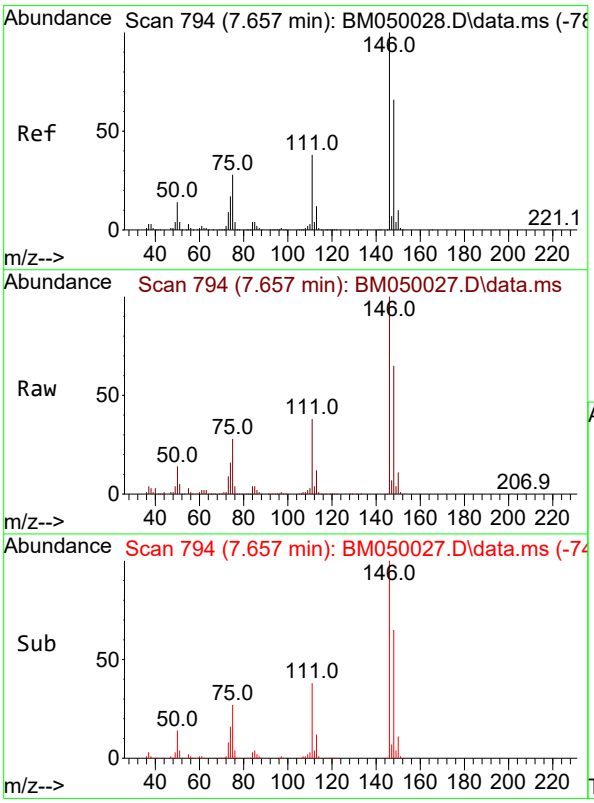
Ion	Ratio	Lower	Upper
93	100		
63	71.9	52.3	92.3
95	32.4	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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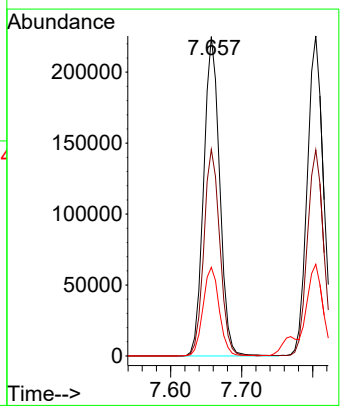
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

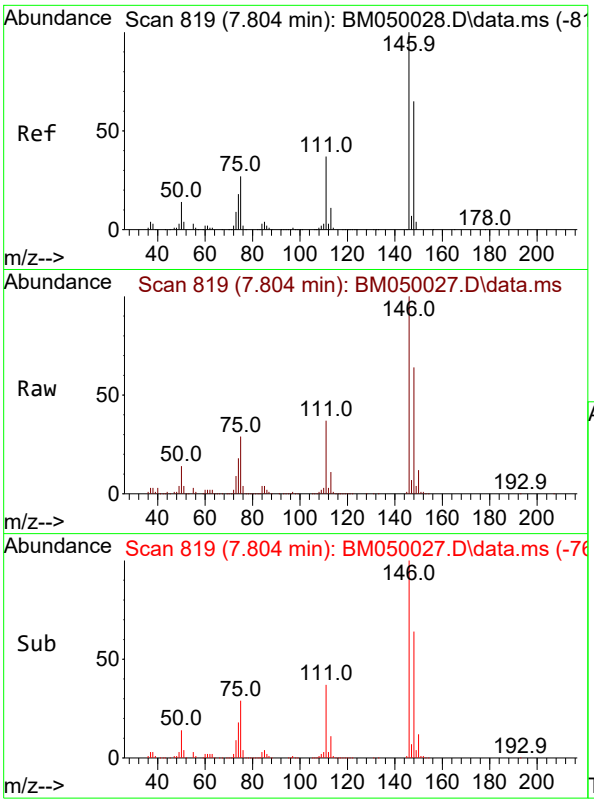


#12
1,3-Dichlorobenzene
Concen: 19.480 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 352660

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.5	78.7
75	27.8	22.6	34.0

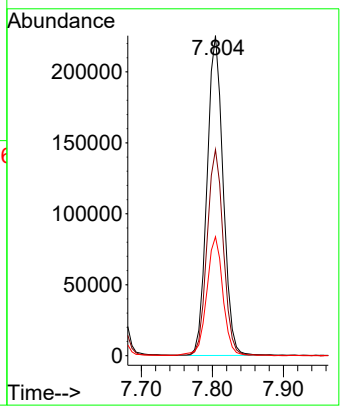




#13
1,4-Dichlorobenzene
Concen: 19.518 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 35497

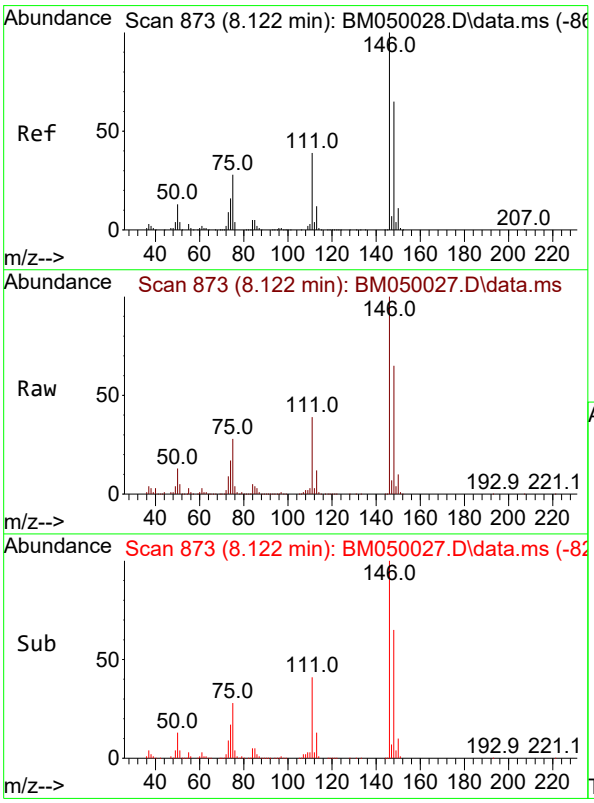
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.2
111	37.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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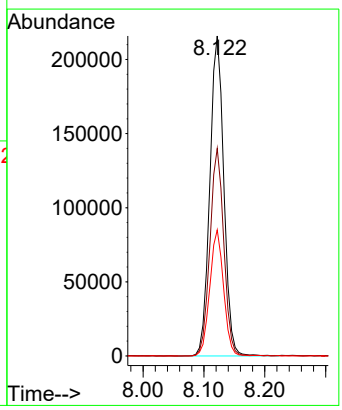
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

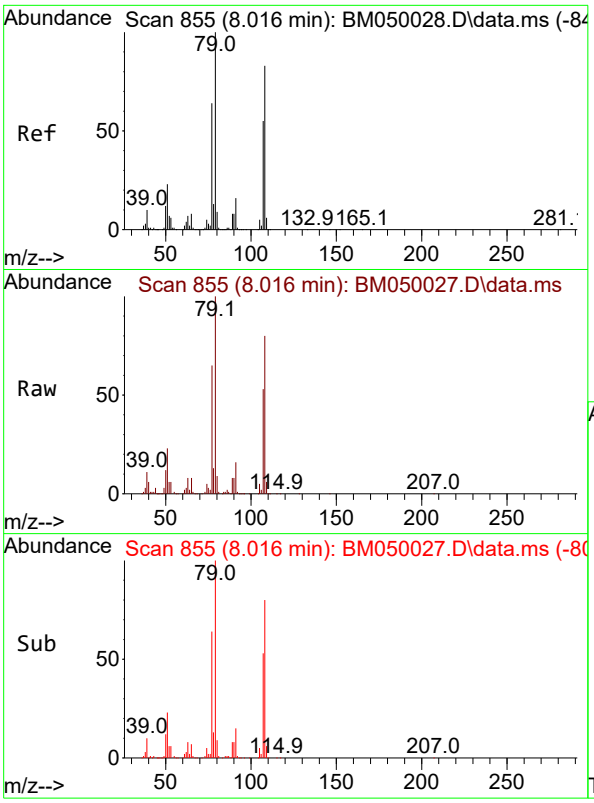


#14
1,2-Dichlorobenzene
Concen: 19.660 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:146 Resp: 345385

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.4	78.6
111	39.4	31.0	46.6

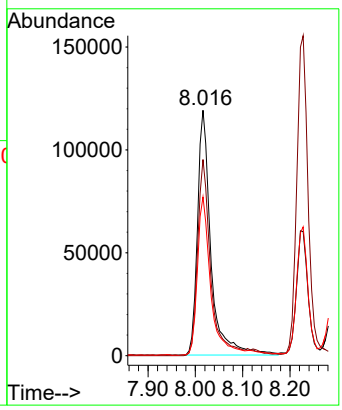




#15
Benzyl Alcohol
Concen: 19.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 79 Resp: 23454

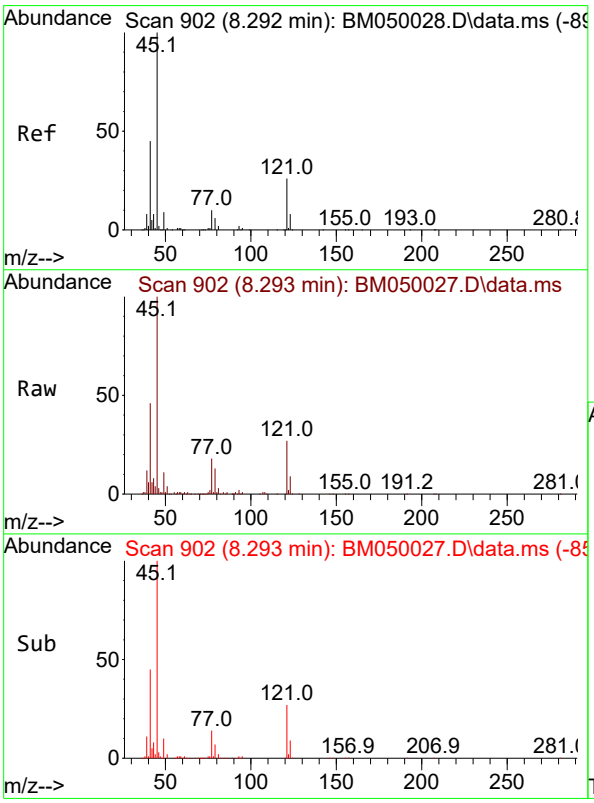
Ion	Ratio	Lower	Upper
79	100		
108	79.9	66.0	99.0
77	64.6	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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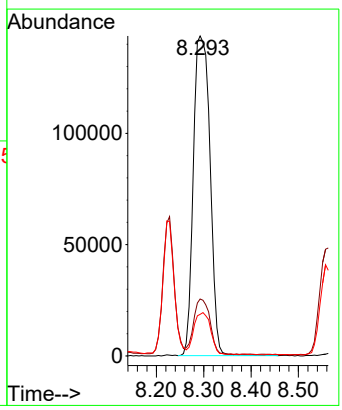
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

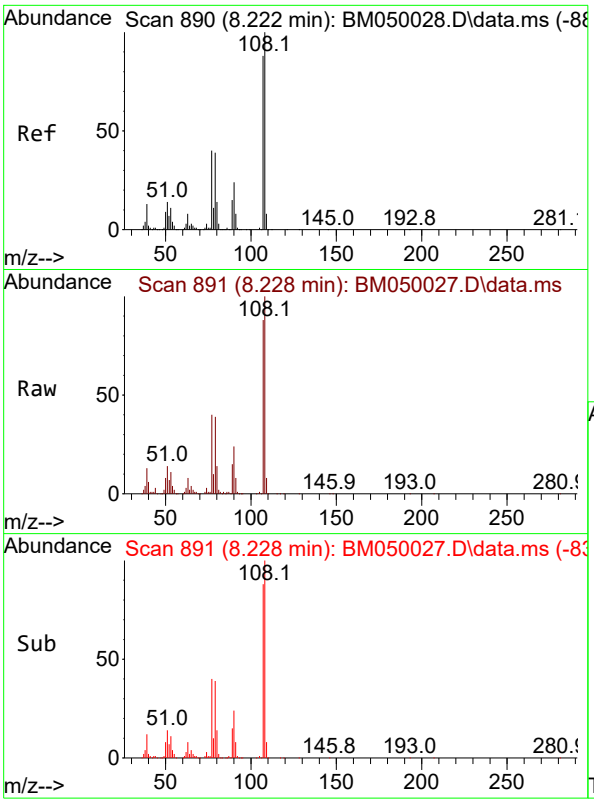


#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.598 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 45 Resp: 350829

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	36.4
79	13.0	0.0	32.7

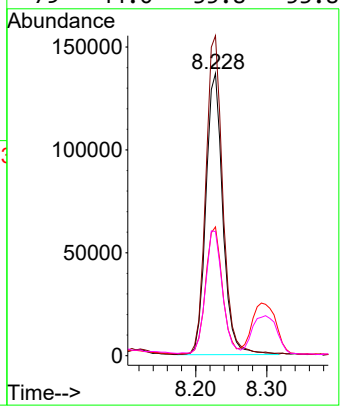




#17
2-Methylphenol
Concen: 19.450 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 22597

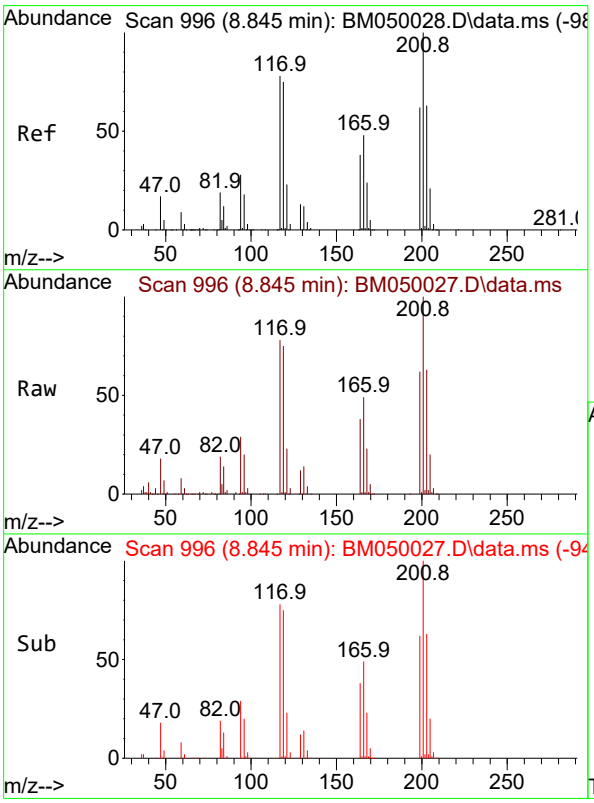
Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.1	136.7
77	45.7	36.2	54.4
79	44.0	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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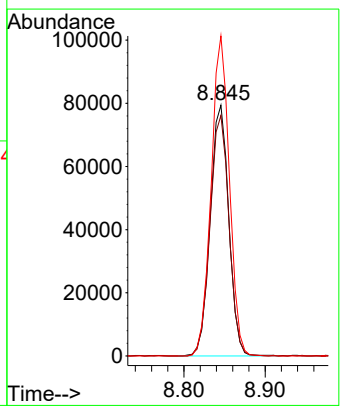
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

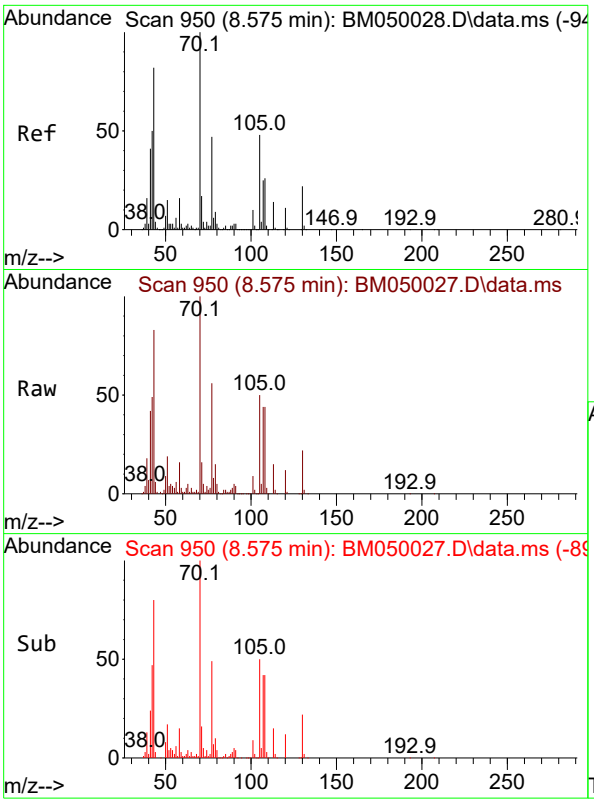


#18
Hexachloroethane
Concen: 19.571 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:117 Resp: 126530

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.3	115.9
201	127.6	102.8	154.2





#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

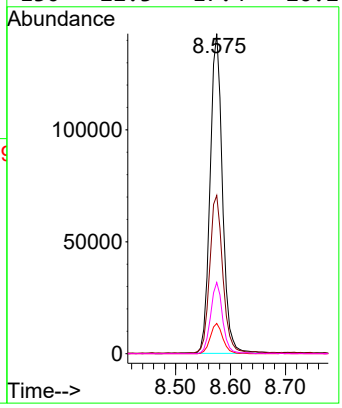
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

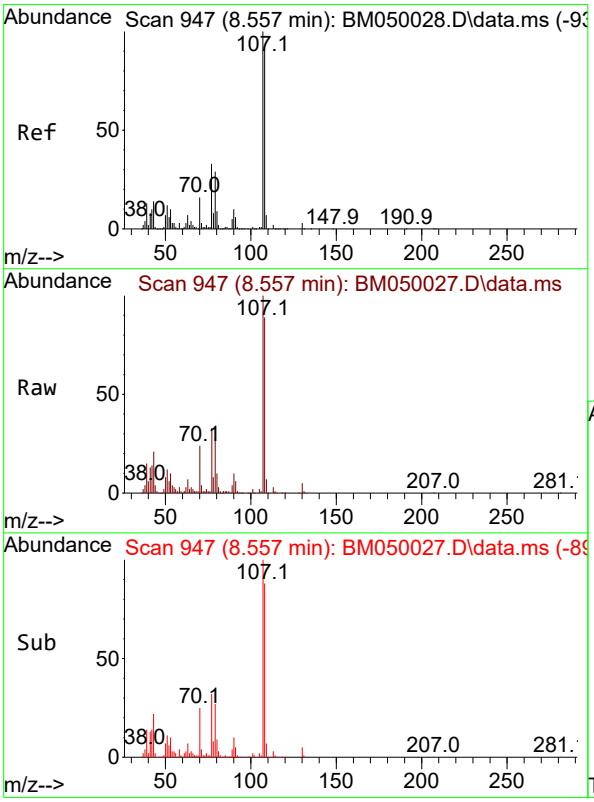
Tgt Ion: 70 Resp: 22353

Ion	Ratio	Lower	Upper
70	100		
42	49.5	40.5	60.7
101	9.5	7.8	11.6
130	22.3	17.4	26.2

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

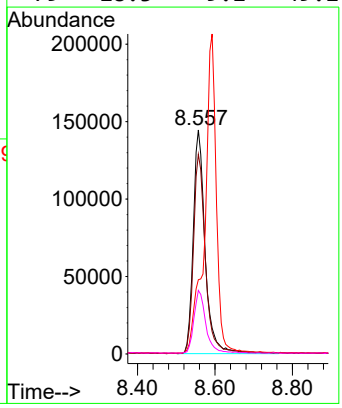


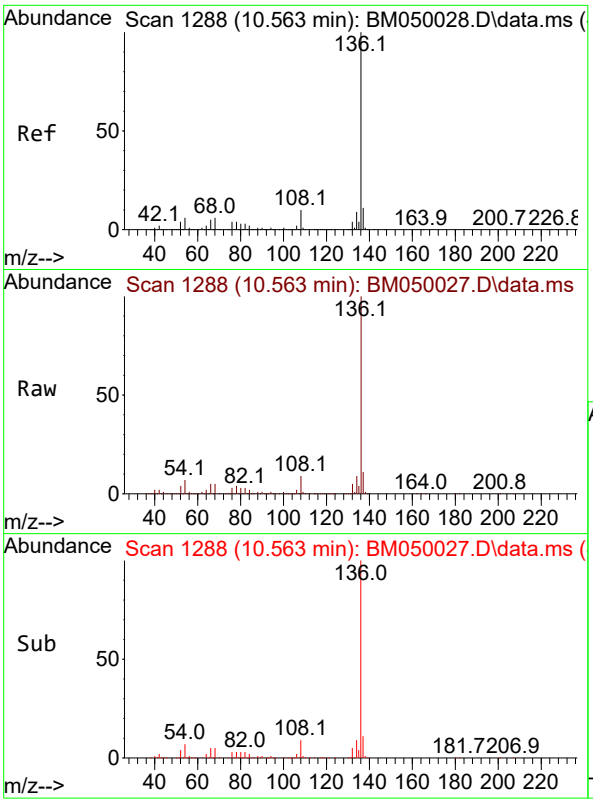


#20
3+4-Methylphenols
Concen: 19.604 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 307585

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.1	13.6	53.6
79	28.3	9.2	49.2

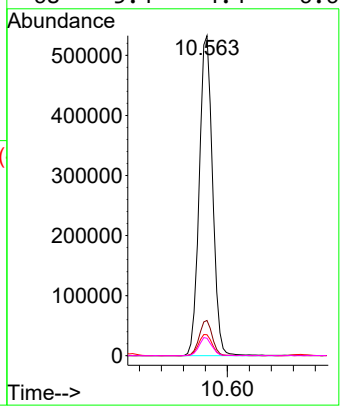




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:136 Resp: 89636

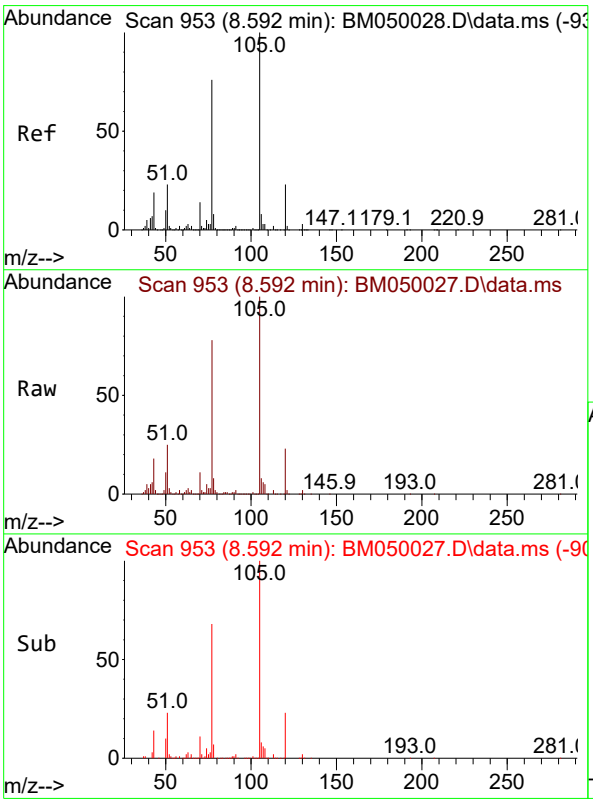
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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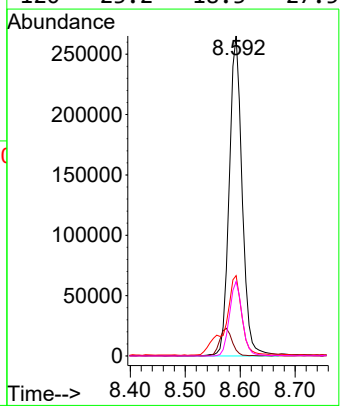
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

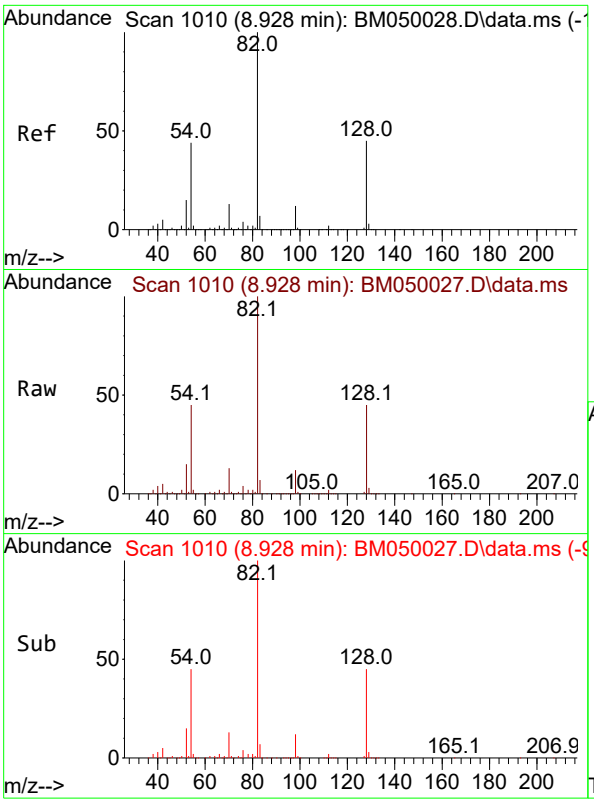


#22
Acetophenone
Concen: 19.499 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:105 Resp: 434539

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	25.1	18.6	27.8
120	23.2	18.3	27.5

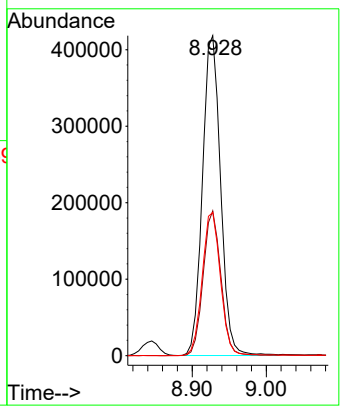




#23
Nitrobenzene-d5
Concen: 39.151 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 82 Resp: 71217

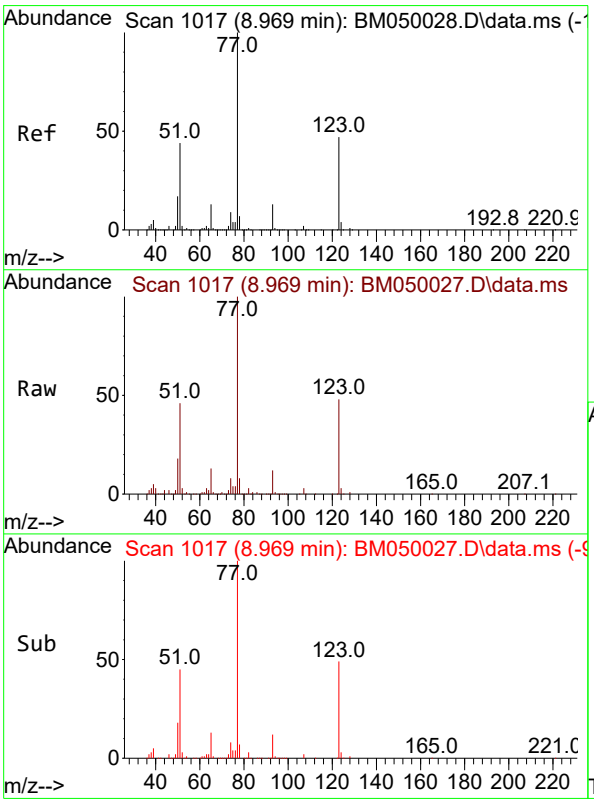
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.8	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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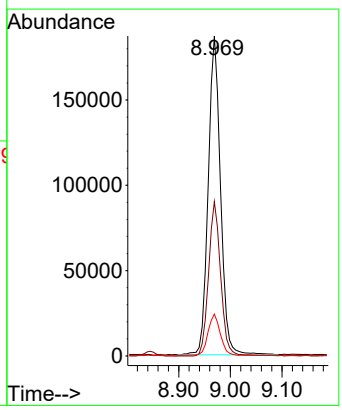
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

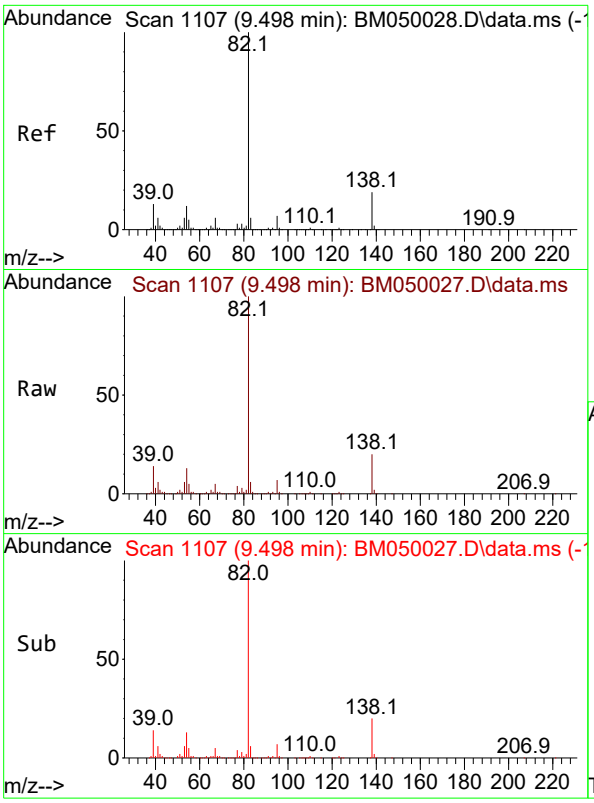


#24
Nitrobenzene
Concen: 19.667 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 309341

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.1	10.1	15.1





#25
Isophorone
Concen: 19.648 ng
RT: 9.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

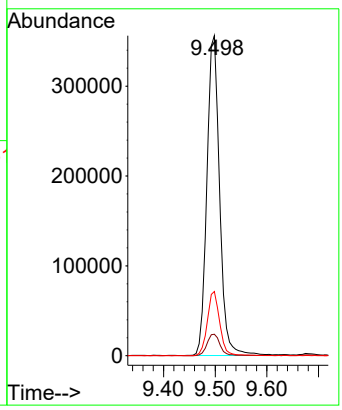
Tgt Ion: 82 Resp: 60925

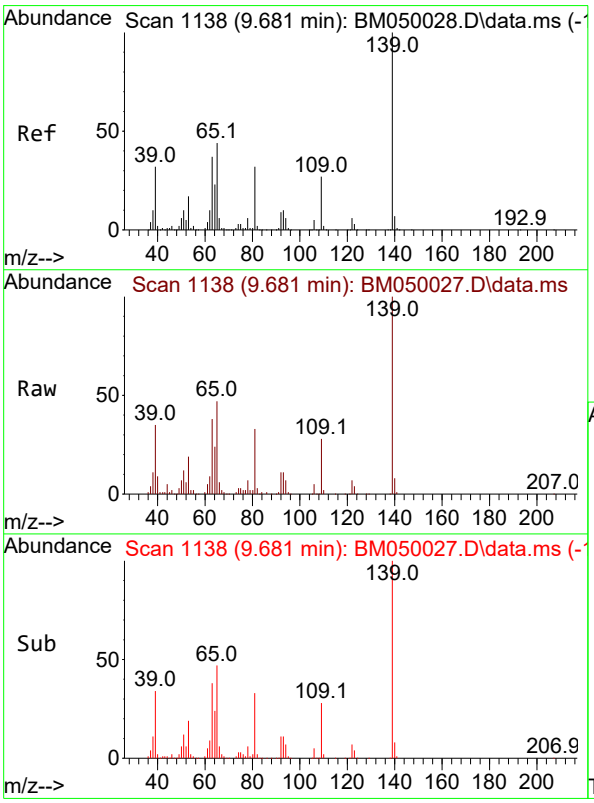
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	20.1	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

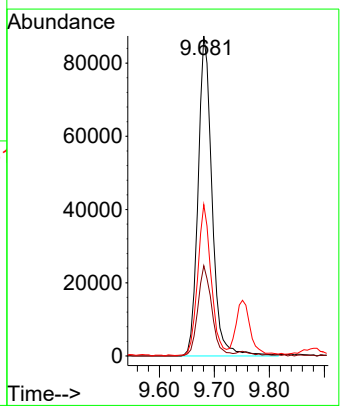


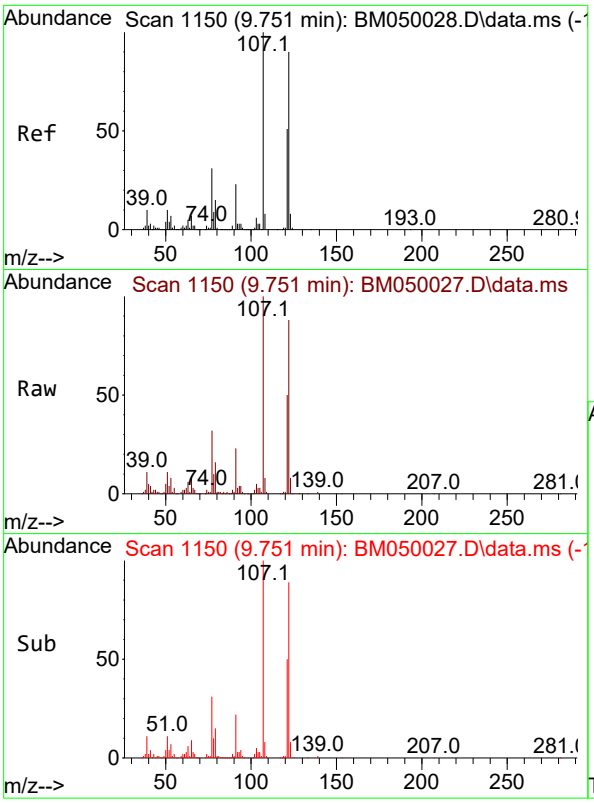


#26
2-Nitrophenol
Concen: 19.211 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 154364

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.9	32.9
65	47.3	35.4	53.2

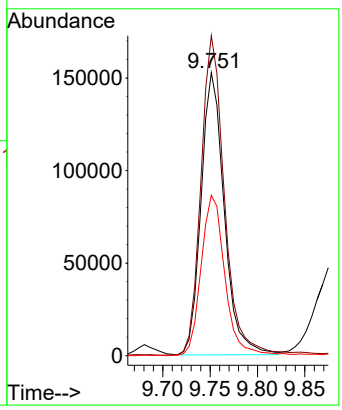




#27
2,4-Dimethylphenol
Concen: 19.460 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 25931

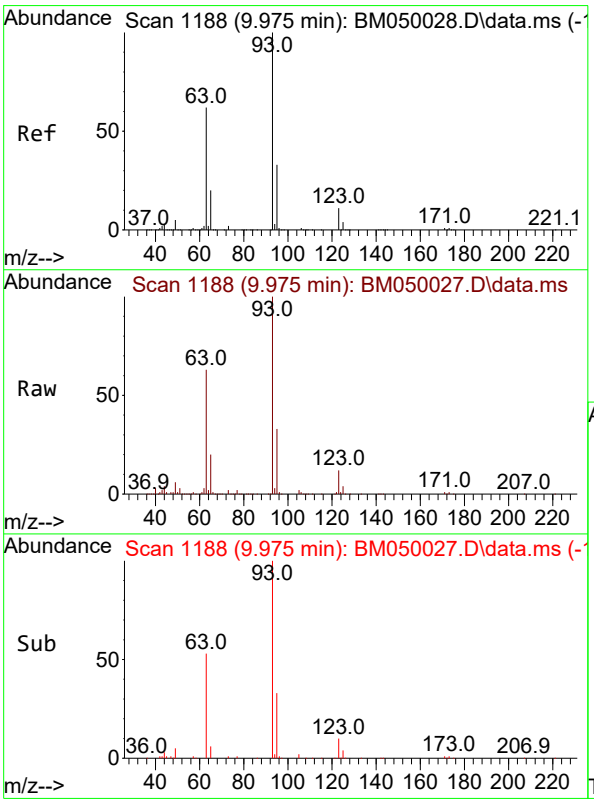
Ion	Ratio	Lower	Upper
122	100		
107	113.1	89.0	133.6
121	56.7	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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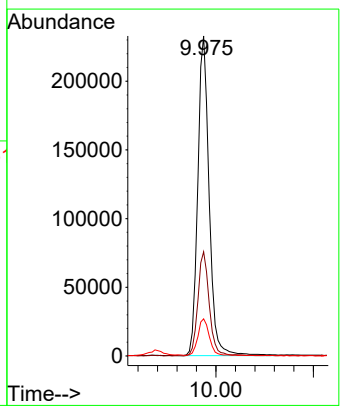
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

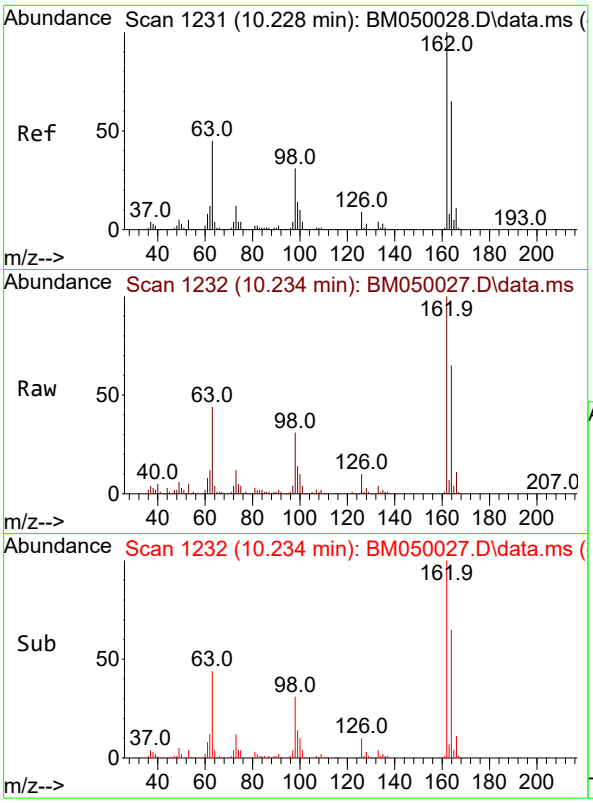


#28
bis(2-Chloroethoxy)methane
Concen: 19.732 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 93 Resp: 378162

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.6	9.5	14.3

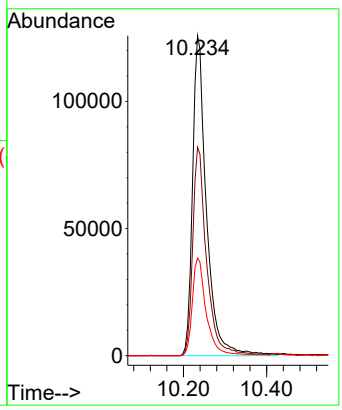




#29
2,4-Dichlorophenol
Concen: 19.582 ng
RT: 10.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 29233

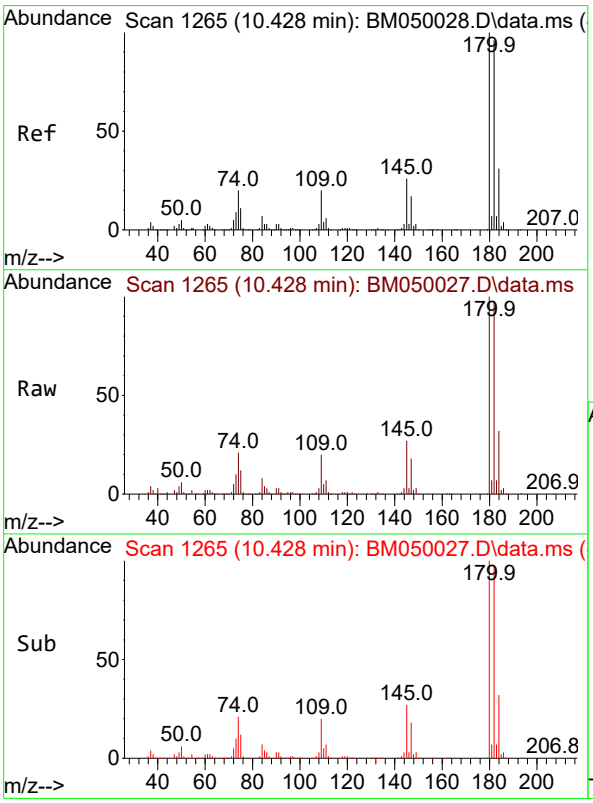
Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.4	85.4
98	30.5	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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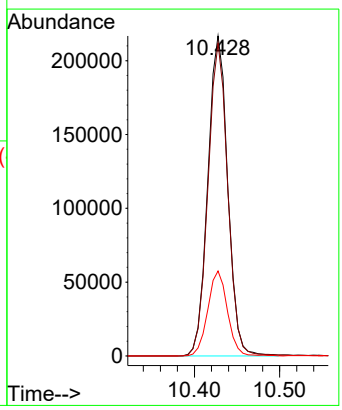
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

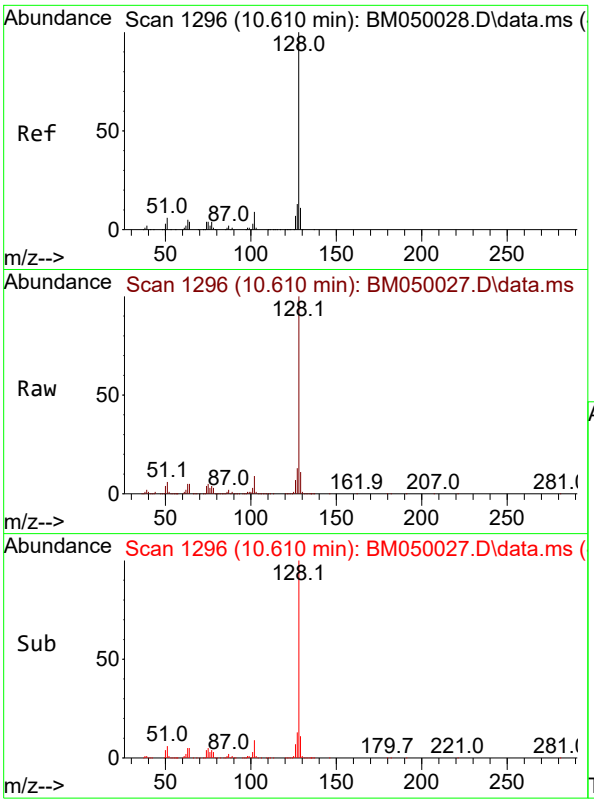


#30
1,2,4-Trichlorobenzene
Concen: 19.397 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:180 Resp: 352792

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.0	115.4
145	26.6	20.6	30.8

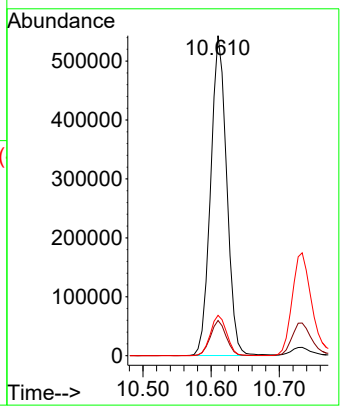




#31
Naphthalene
Concen: 19.618 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:128 Resp: 89053

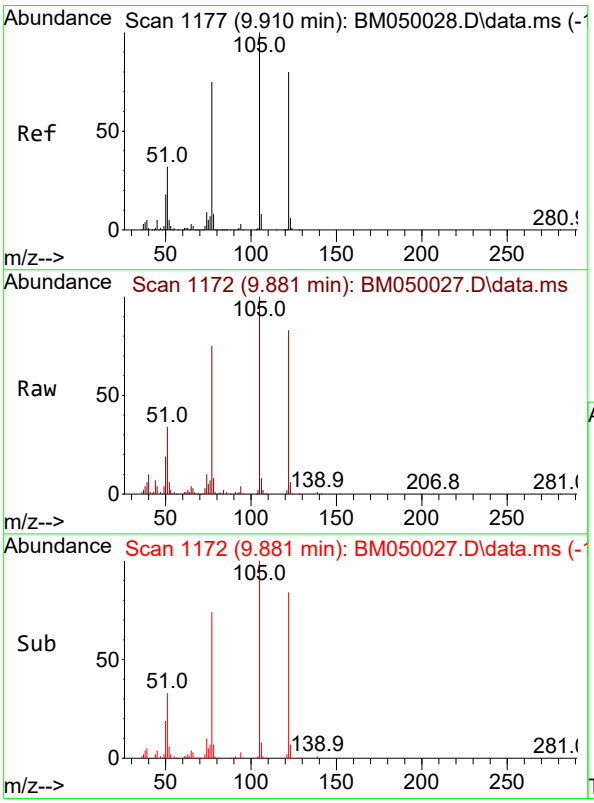
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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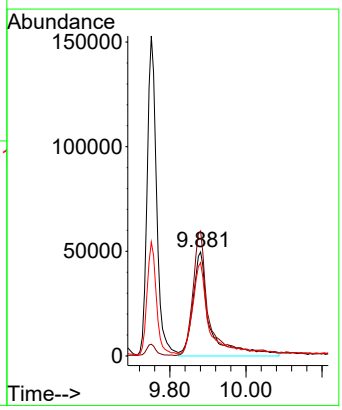
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

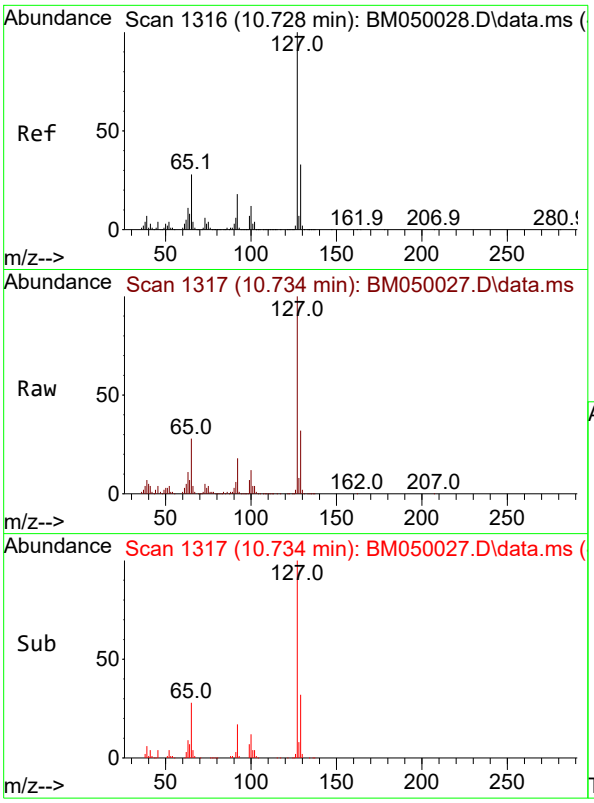


#32
Benzoic acid
Concen: 18.168 ng m
RT: 9.881 min Scan# 1172
Delta R.T. -0.029 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:122 Resp: 154412

Ion	Ratio	Lower	Upper
122	100		
105	120.1	103.6	143.6
77	89.7	73.7	113.7

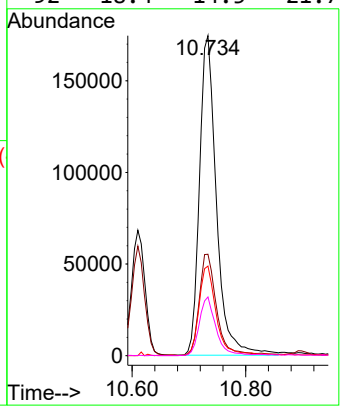




#33
4-Chloroaniline
Concen: 19.475 ng
RT: 10.734 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:127 Resp: 36236

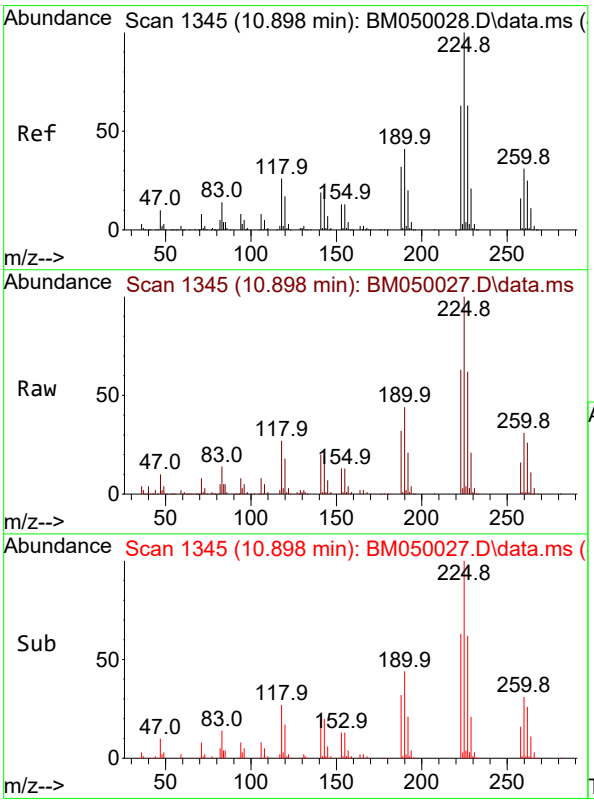
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.3	39.5
65	28.0	22.5	33.7
92	18.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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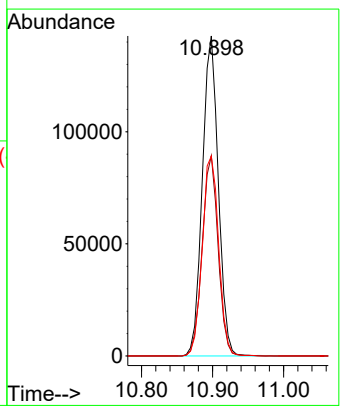
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

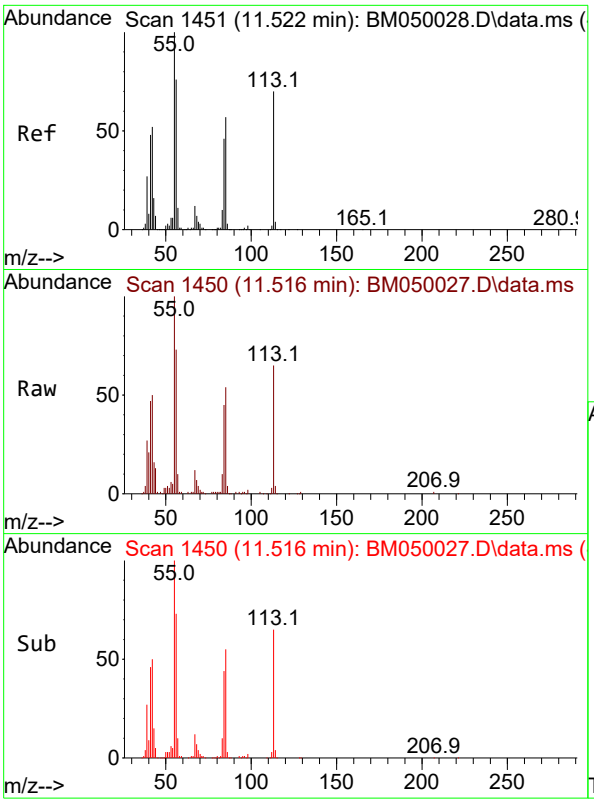


#34
Hexachlorobutadiene
Concen: 19.327 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:225 Resp: 223143

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	62.4	50.6	76.0





#35
Caprolactam
Concen: 19.509 ng
RT: 11.516 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

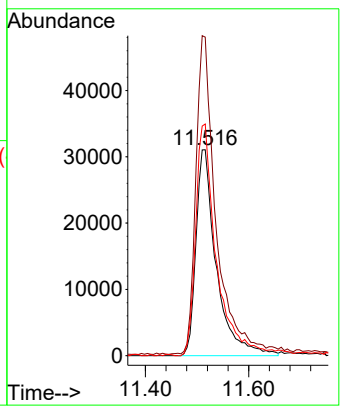
Tgt Ion:113 Resp: 8491

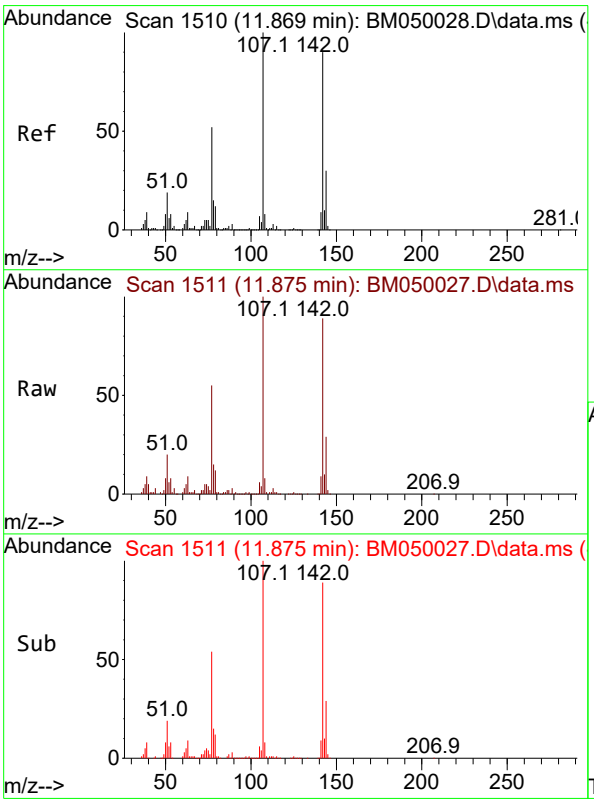
Ion	Ratio	Lower	Upper
113	100		
55	154.8	122.9	162.9
56	112.6	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

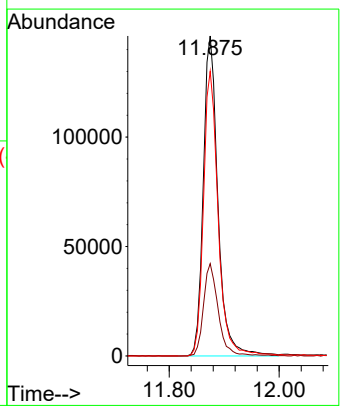


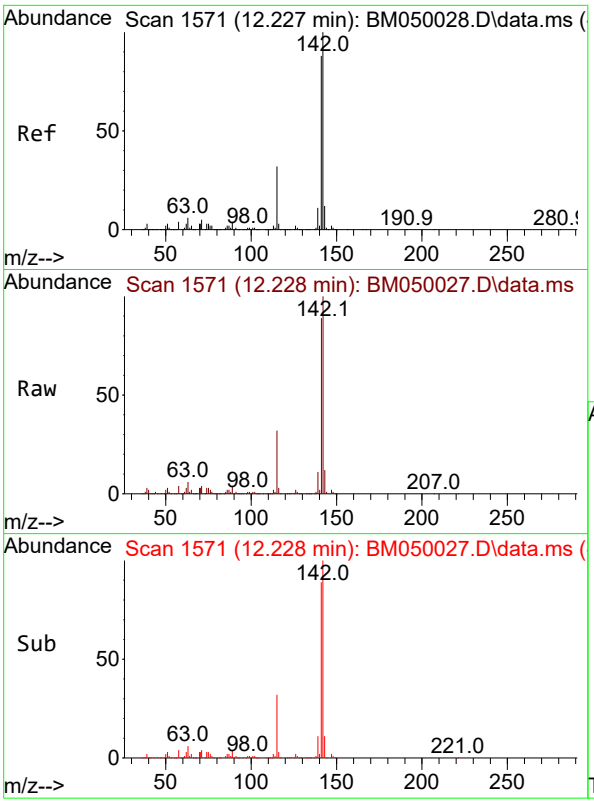


#36
4-Chloro-3-methylphenol
Concen: 19.613 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:107 Resp: 270510

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	89.0	71.9	107.9

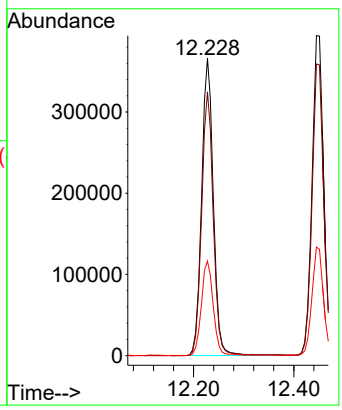




#37
2-Methylnaphthalene
Concen: 19.498 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 59340

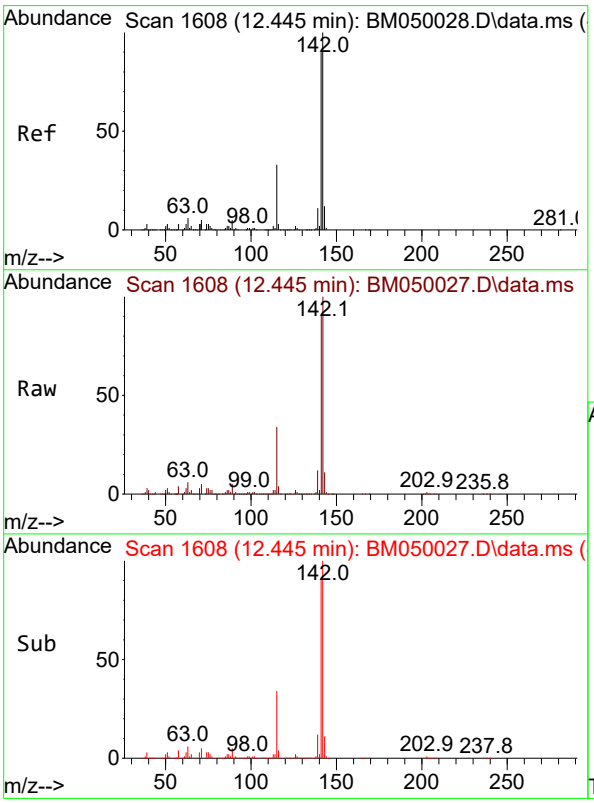
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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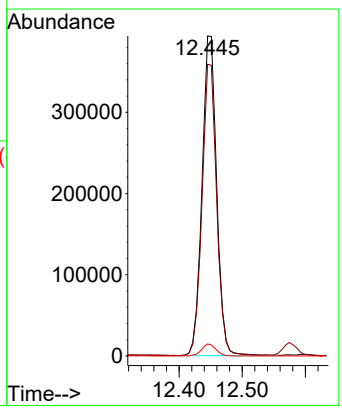
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

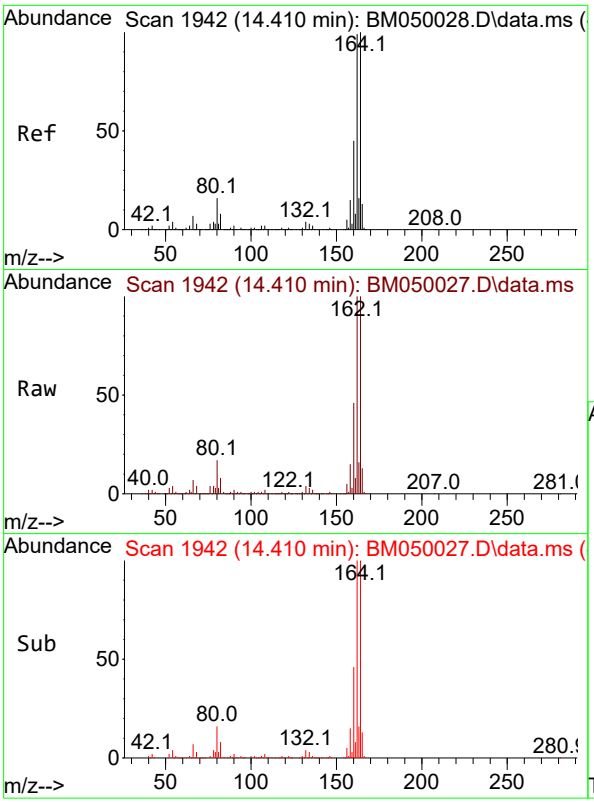


#38
1-Methylnaphthalene
Concen: 19.694 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:142 Resp: 634293

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	3.8	2.7	4.1

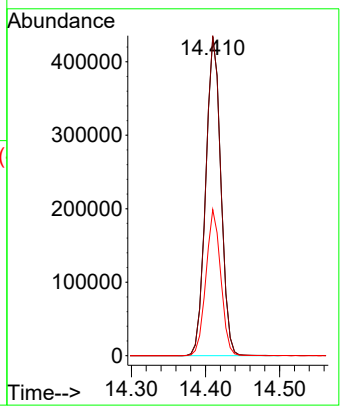




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:164 Resp: 61468

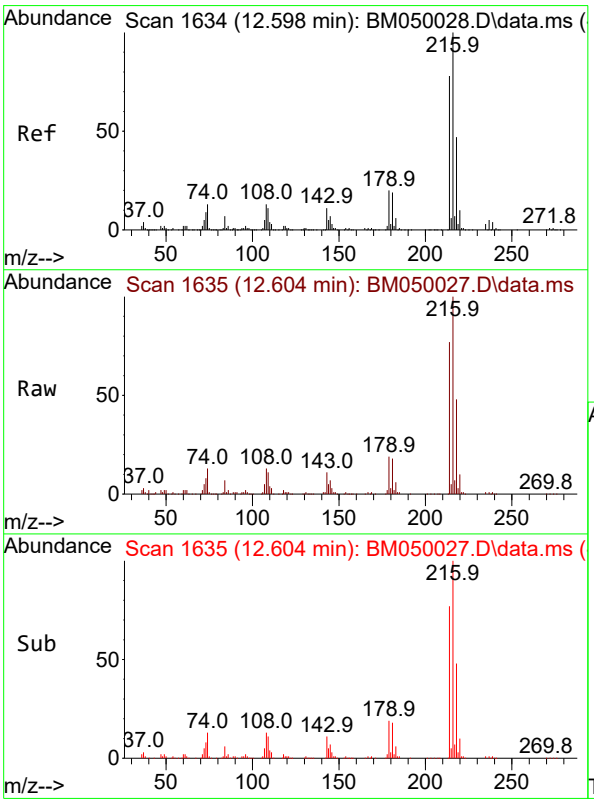
Ion	Ratio	Lower	Upper
164	100		
162	100.4	79.4	119.0
160	45.8	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

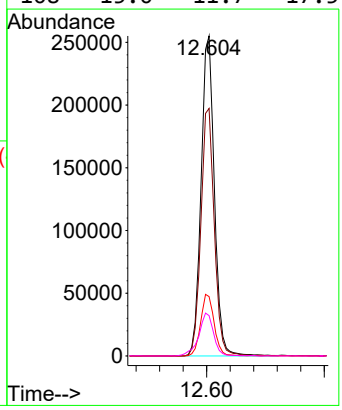
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

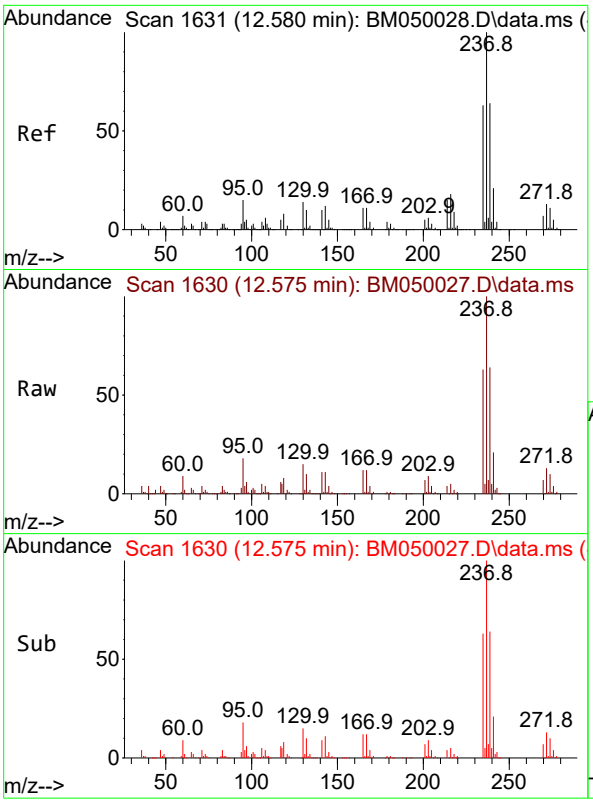


#40
1,2,4,5-Tetrachlorobenzene
Concen: 18.909 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:216 Resp: 402355

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.6	15.4	23.0
108	15.0	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 17.091 ng
RT: 12.575 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

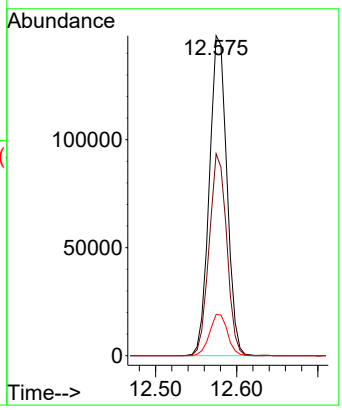
Tgt Ion:237 Resp: 22225

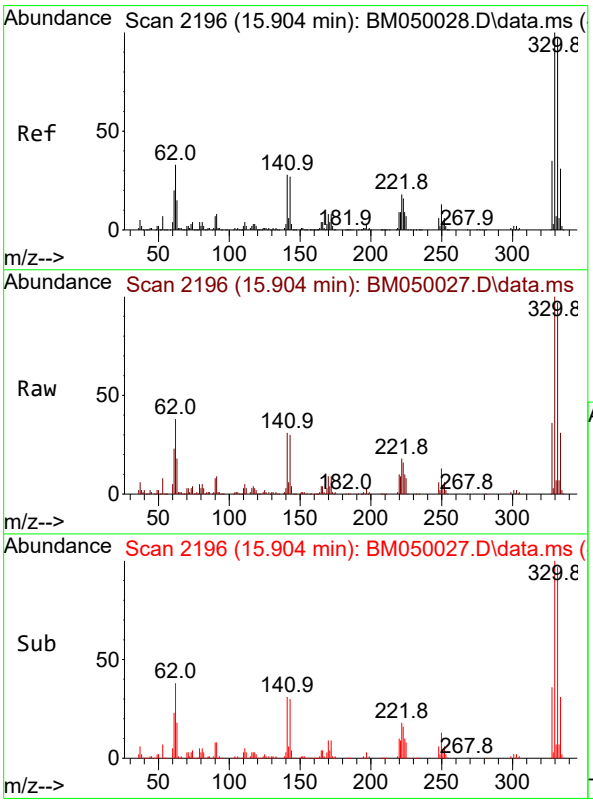
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.9	82.9
272	12.9	0.0	32.9

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

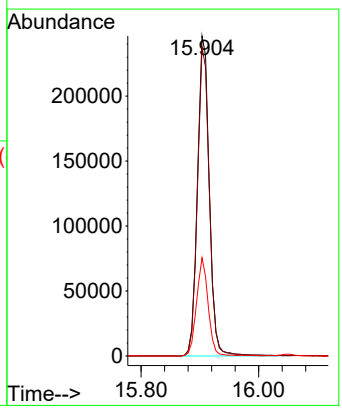


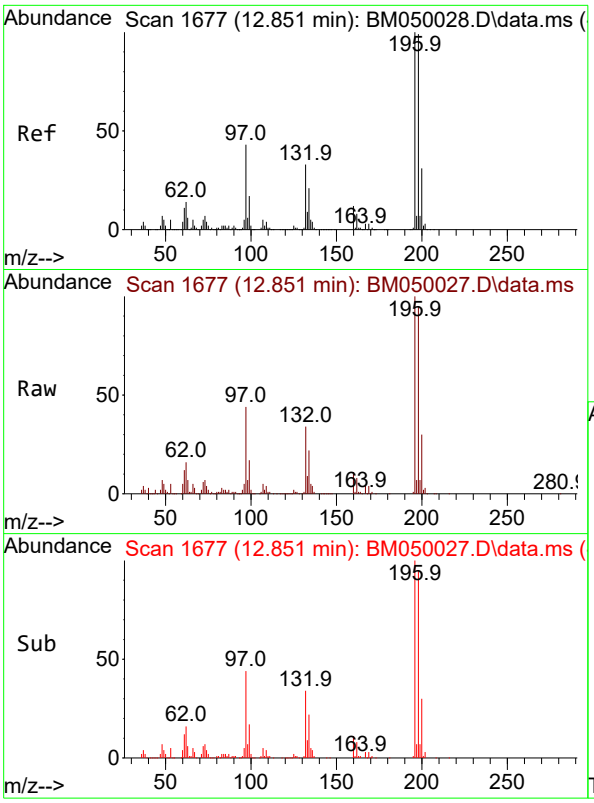


#42
2,4,6-Tribromophenol
Concen: 37.960 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:330 Resp: 345020

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	30.1	22.5	33.7

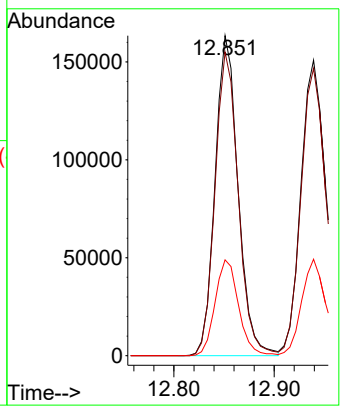




#43
2,4,6-Trichlorophenol
Concen: 19.276 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 26016

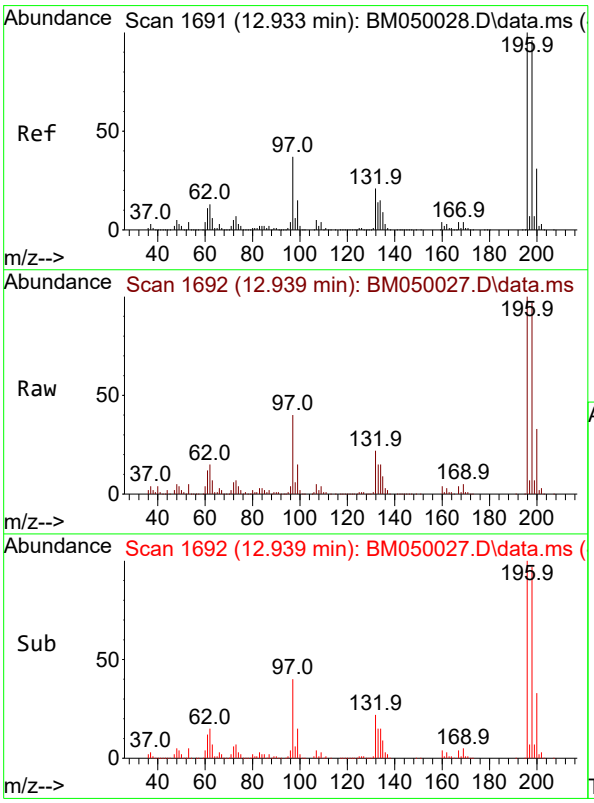
Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.0	118.6
200	30.0	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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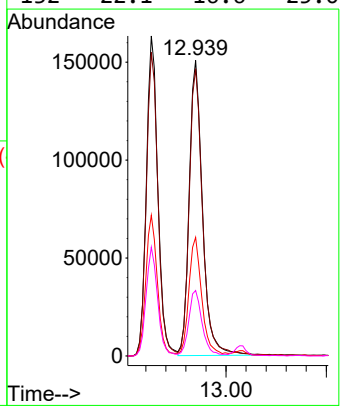
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

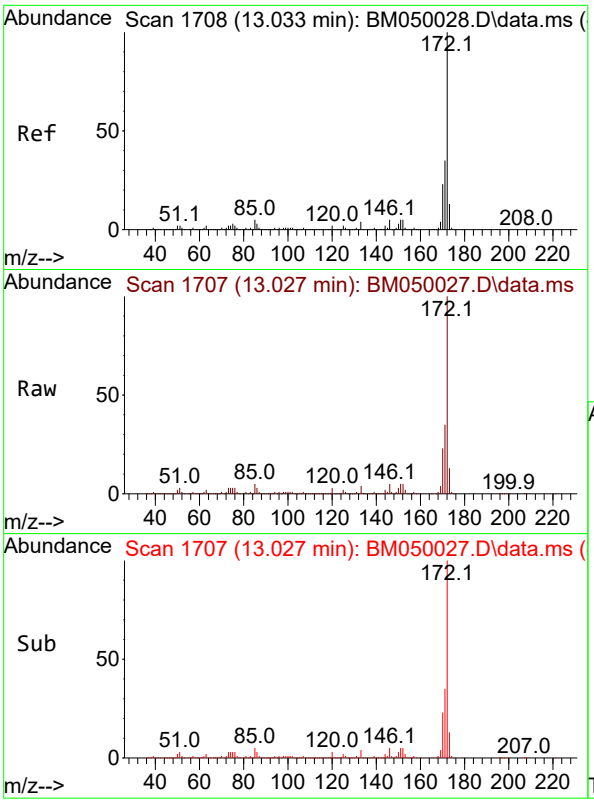


#44
2,4,5-Trichlorophenol
Concen: 19.123 ng
RT: 12.939 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:196 Resp: 278307

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.7	115.1
97	40.1	30.1	45.1
132	22.1	16.6	25.0

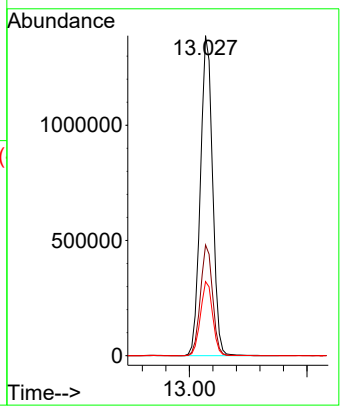




#45
2-Fluorobiphenyl
Concen: 38.602 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:172 Resp: 200578

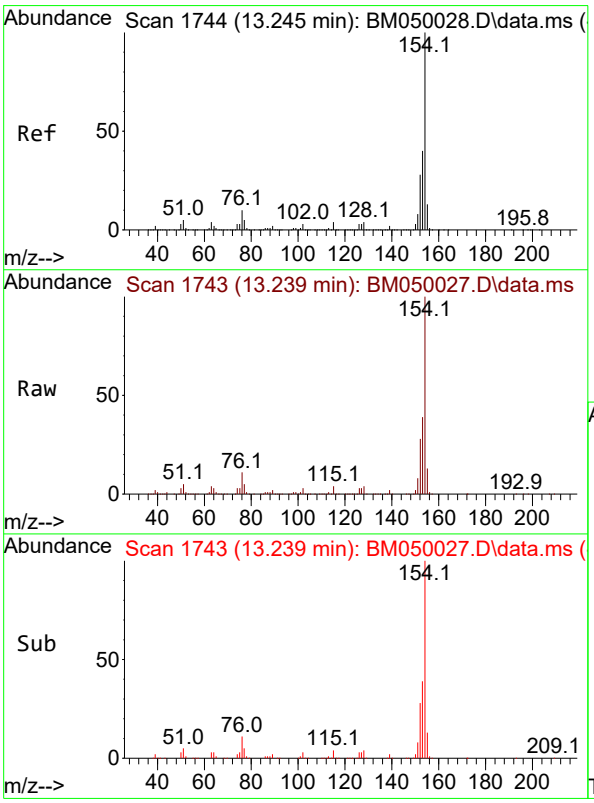
Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.2	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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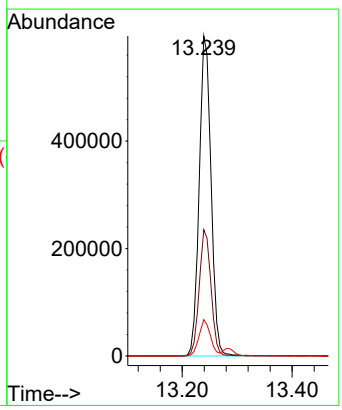
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

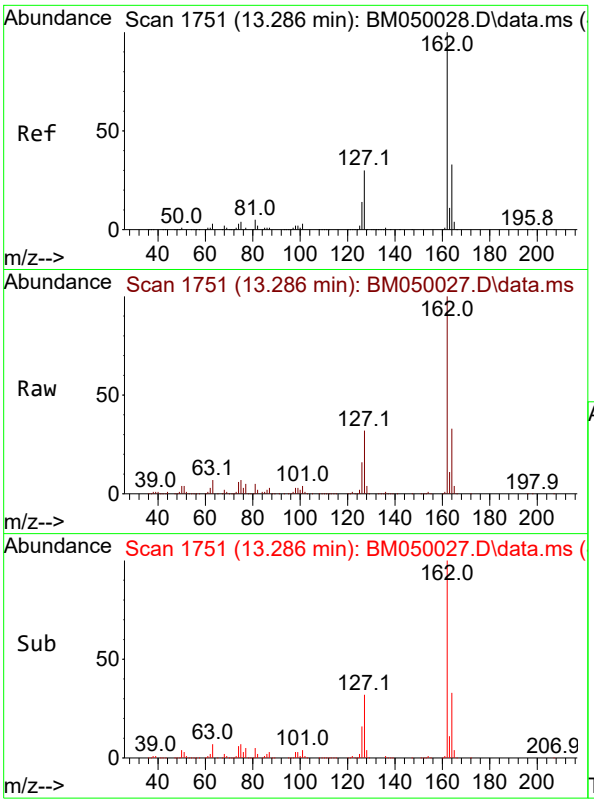


#46
1,1'-Biphenyl
Concen: 19.530 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 892394

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.3	0.0	30.3

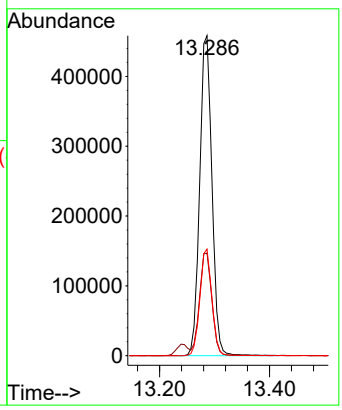




#47
2-Chloronaphthalene
Concen: 19.614 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:162 Resp: 70981

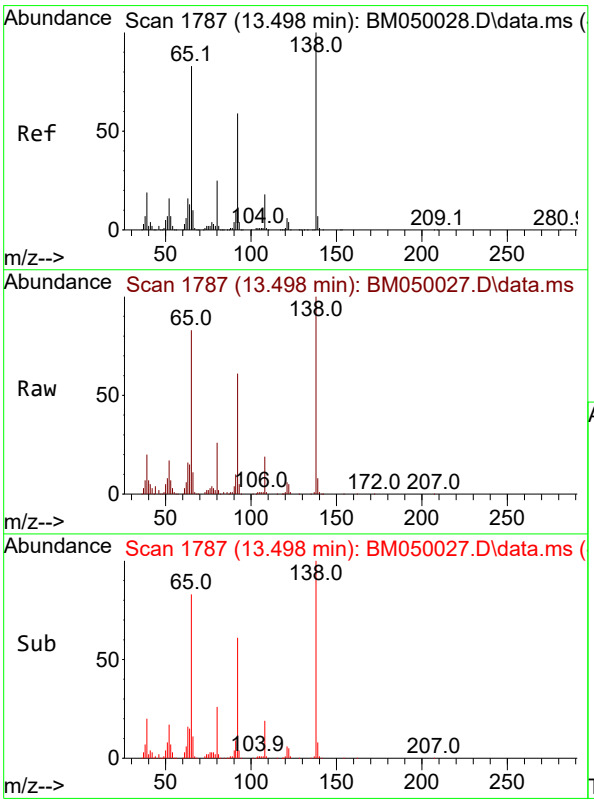
Ion	Ratio	Lower	Upper
162	100		
127	32.0	25.9	38.9
164	33.3	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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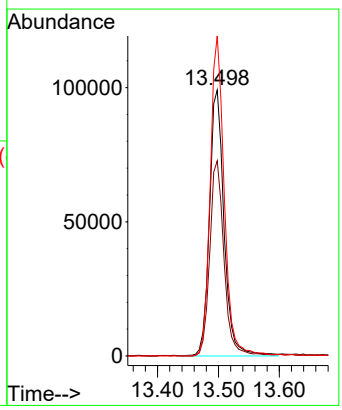
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

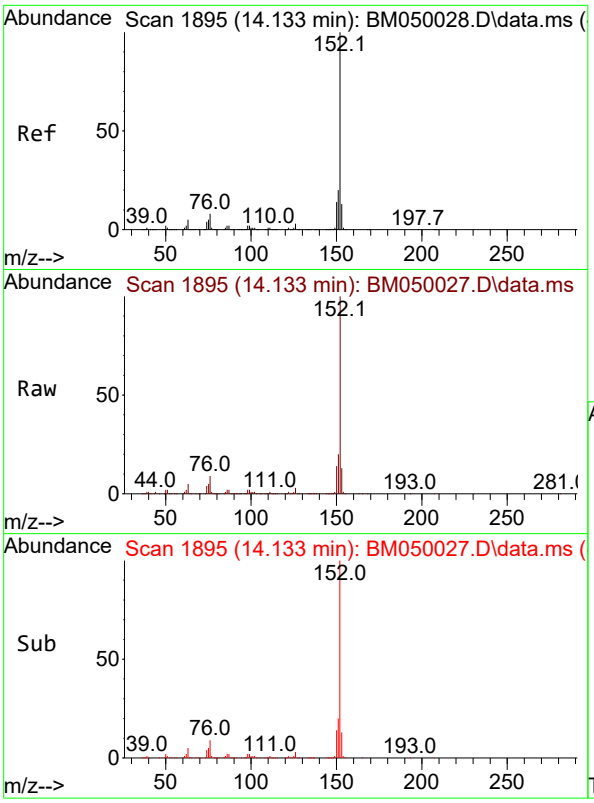


#48
2-Nitroaniline
Concen: 19.465 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 65 Resp: 165324

Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.1	85.7
138	120.3	97.0	145.4

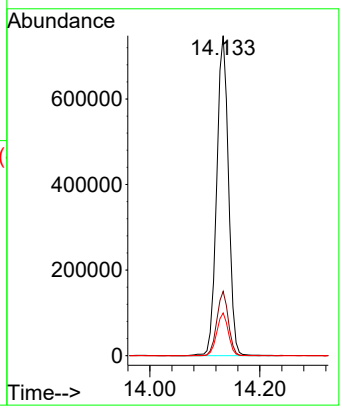




#49
Acenaphthylene
Concen: 19.502 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:152 Resp: 111276

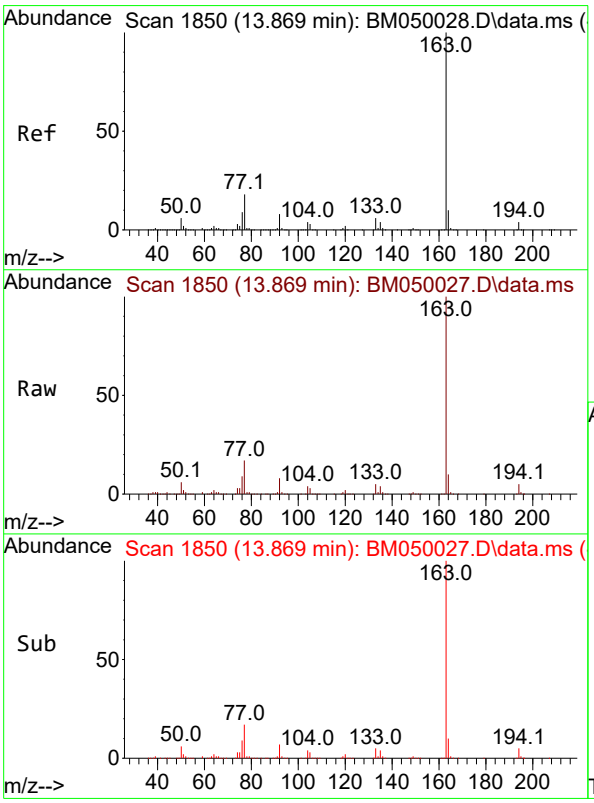
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.3	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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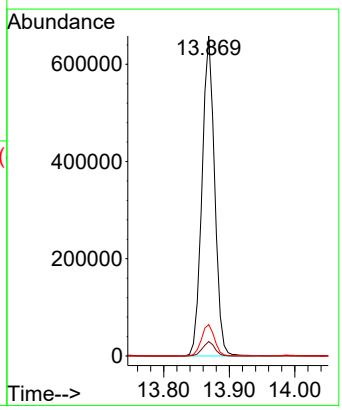
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

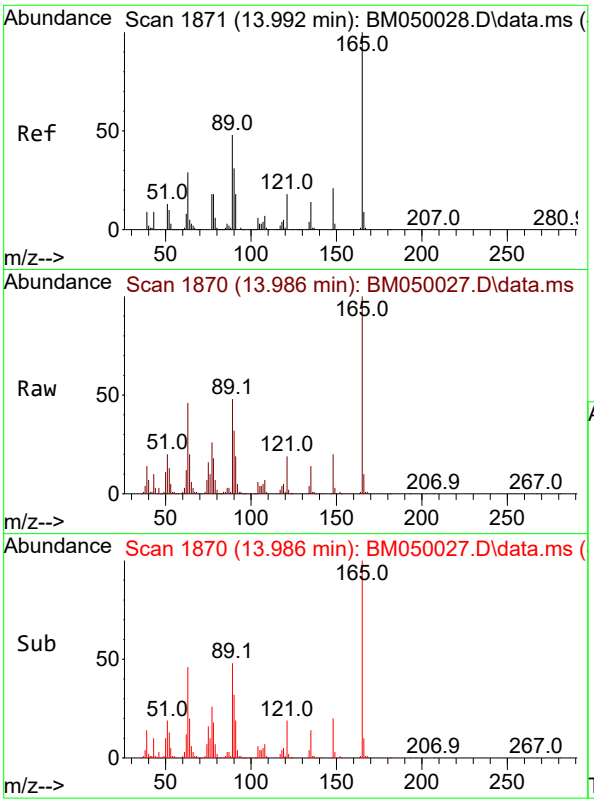


#50
Dimethylphthalate
Concen: 19.659 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:163 Resp: 883120

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.8	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 19.729 ng
RT: 13.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

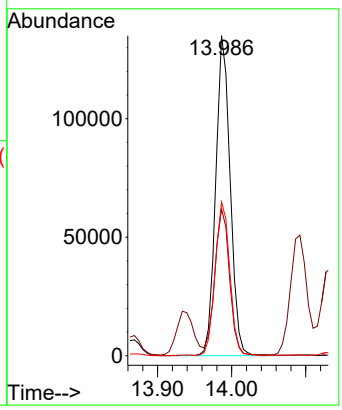
Tgt Ion:165 Resp: 18349

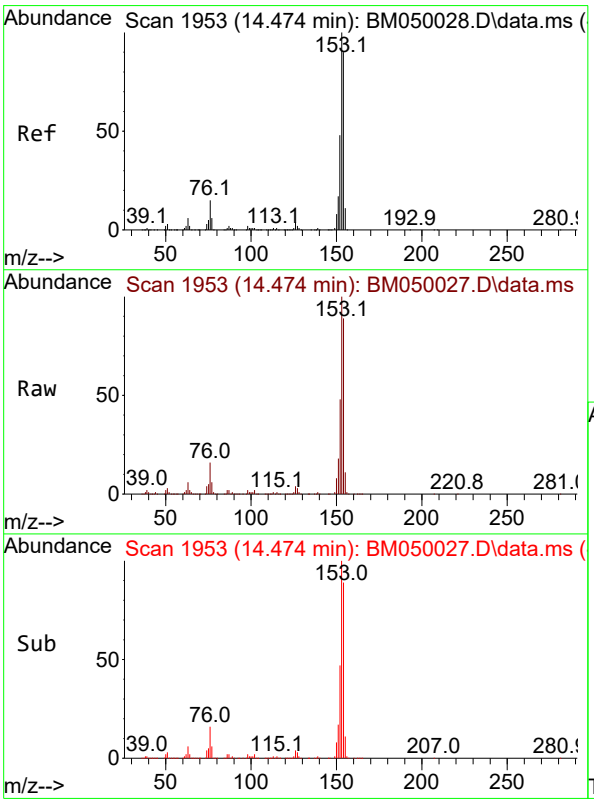
Ion	Ratio	Lower	Upper
165	100		
63	45.7	35.1	52.7
89	48.1	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

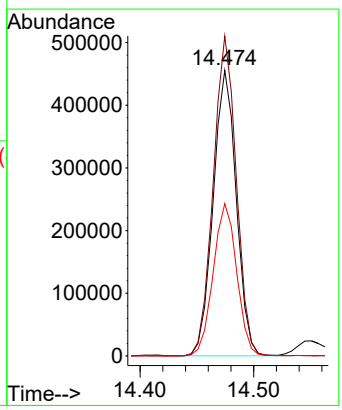


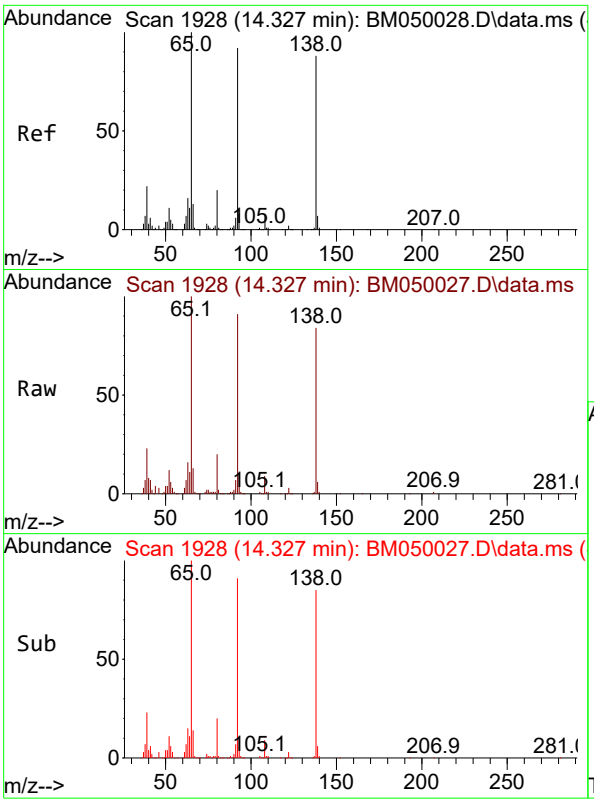


#52
Acenaphthene
Concen: 19.474 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:154 Resp: 643177

Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.0	133.4
152	53.3	43.0	64.6





#53
3-Nitroaniline
Concen: 19.666 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

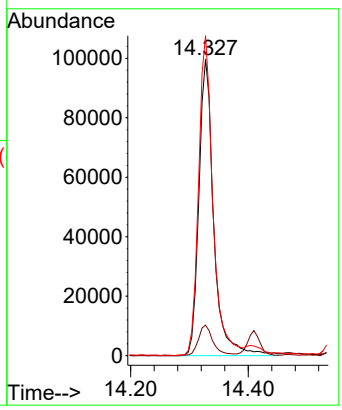
Tgt Ion:138 Resp: 17462

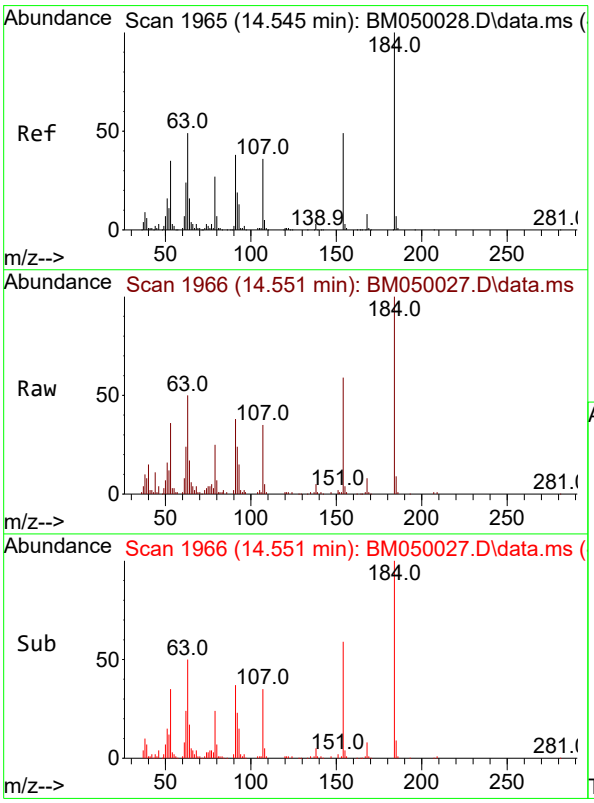
Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	107.9	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

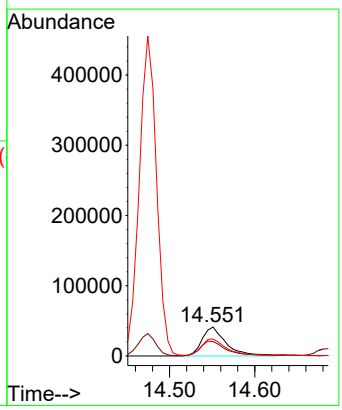


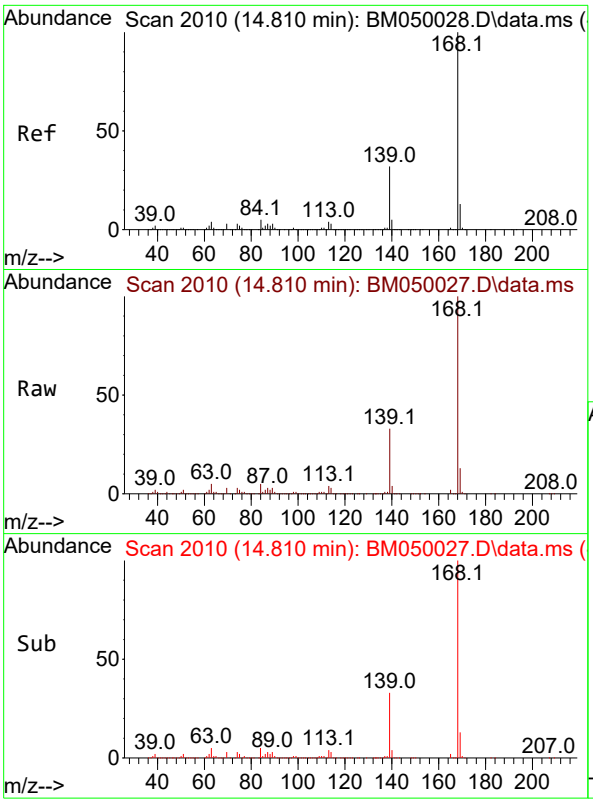


#54
2,4-Dinitrophenol
Concen: 18.373 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 80991

Ion	Ratio	Lower	Upper
184	100		
63	50.1	39.8	59.6
154	58.5	46.1	69.1

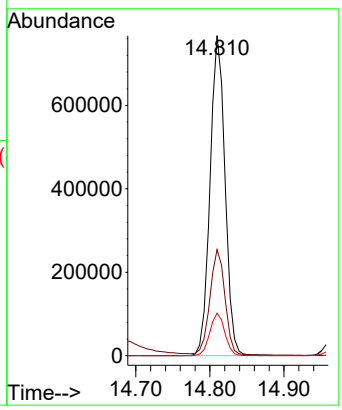




#55
Dibenzofuran
Concen: 19.562 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:168 Resp: 107497

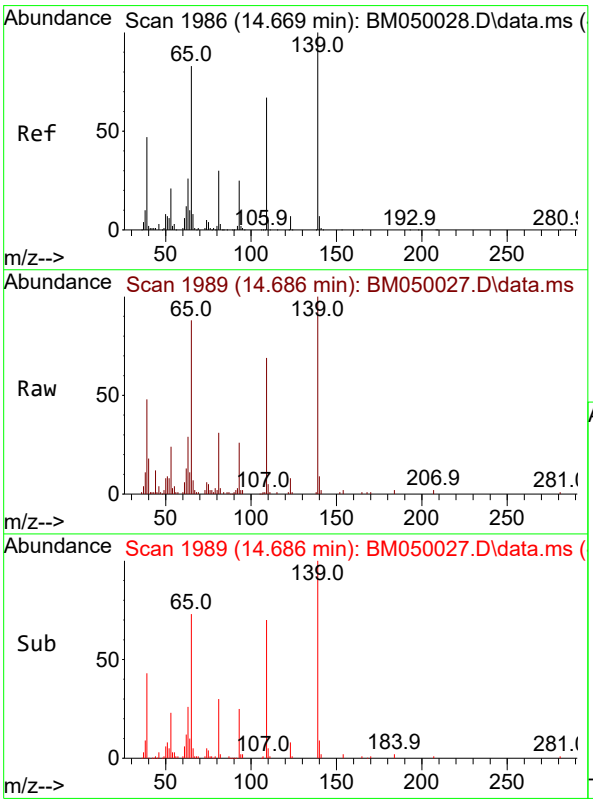
Ion	Ratio	Lower	Upper
168	100		
139	33.2	26.1	39.1
169	13.3	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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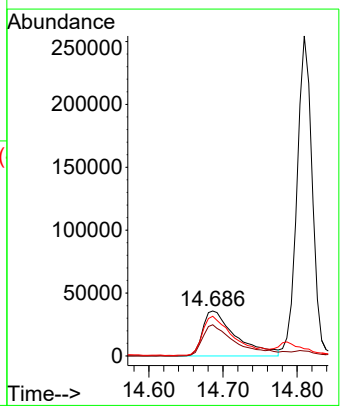
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

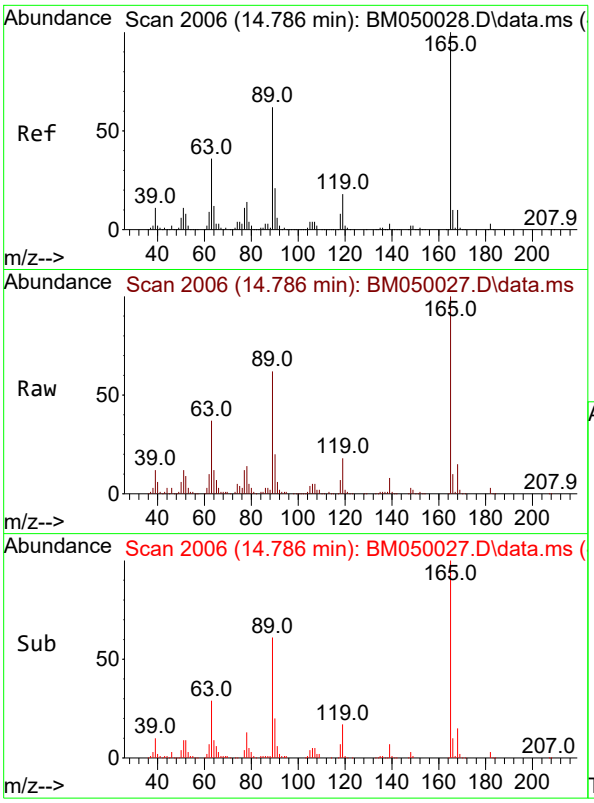


#56
4-Nitrophenol
Concen: 19.021 ng
RT: 14.686 min Scan# 1989
Delta R.T. 0.017 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:139 Resp: 110948

Ion	Ratio	Lower	Upper
139	100		
109	69.3	47.0	87.0
65	88.3	64.3	104.3

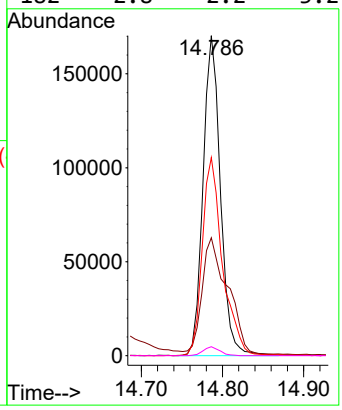




#57
2,4-Dinitrotoluene
Concen: 19.685 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:165 Resp: 25299

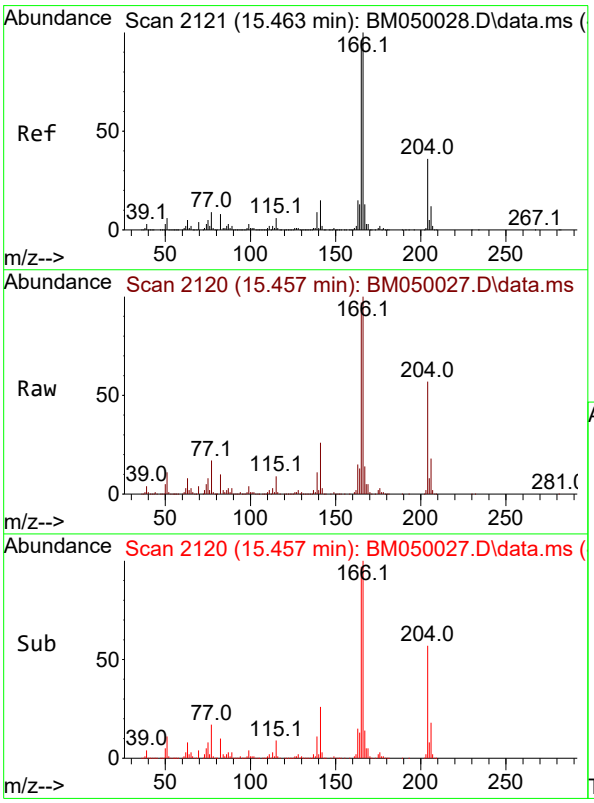
Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	61.9	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

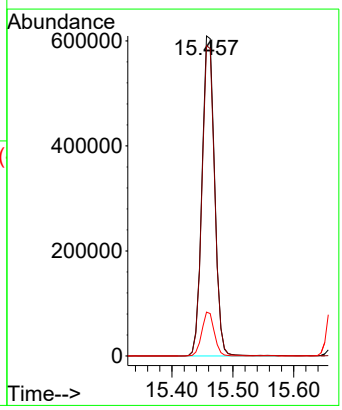
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

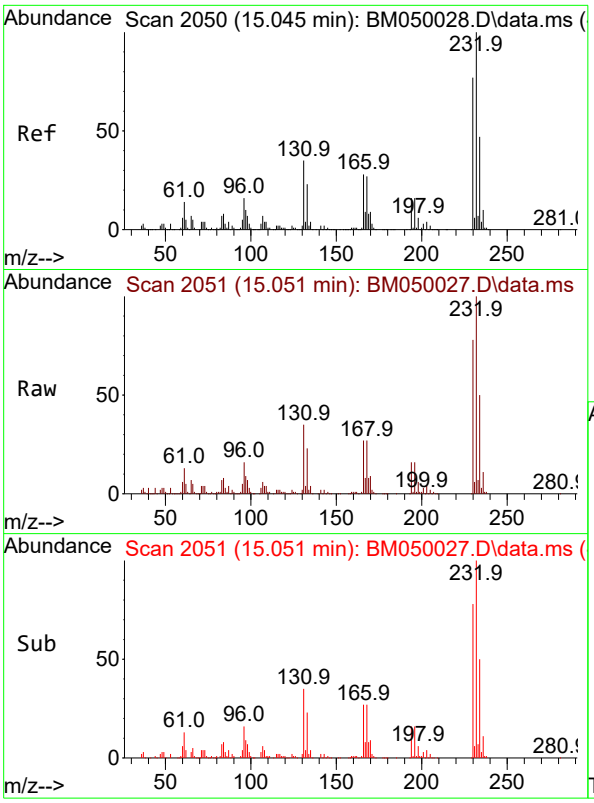


#58
Fluorene
Concen: 19.553 ng
RT: 15.457 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:166 Resp: 879470

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.6	115.0
167	13.7	10.6	16.0

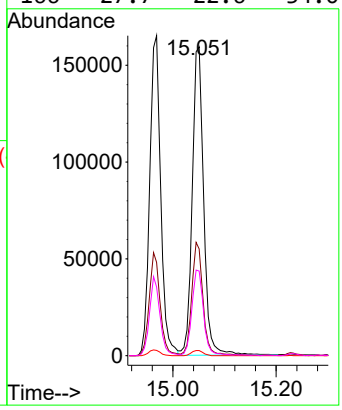




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.442 ng
RT: 15.051 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:232 Resp: 24492

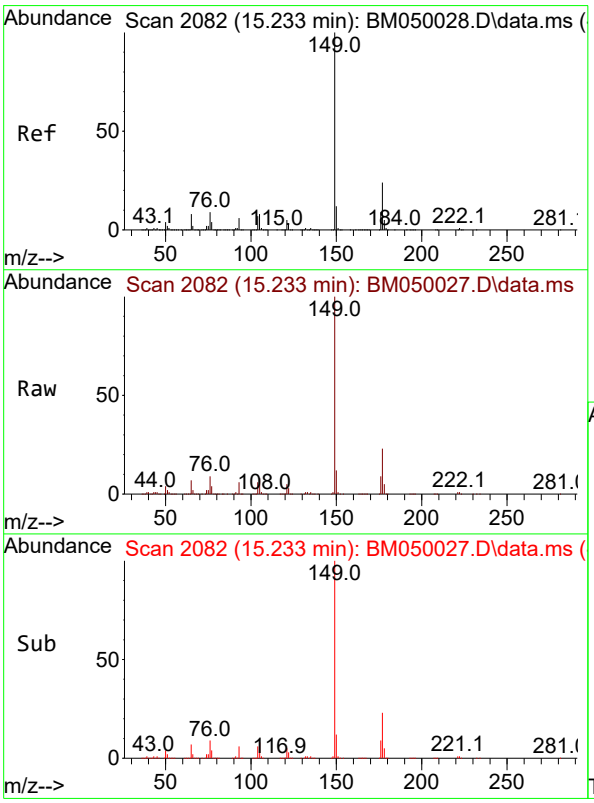
Ion	Ratio	Lower	Upper
232	100		
131	35.9	28.2	42.4
130	1.7	1.5	2.3
166	27.7	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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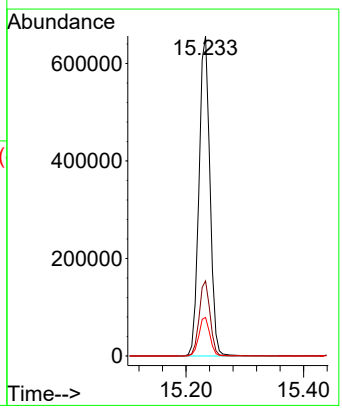
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

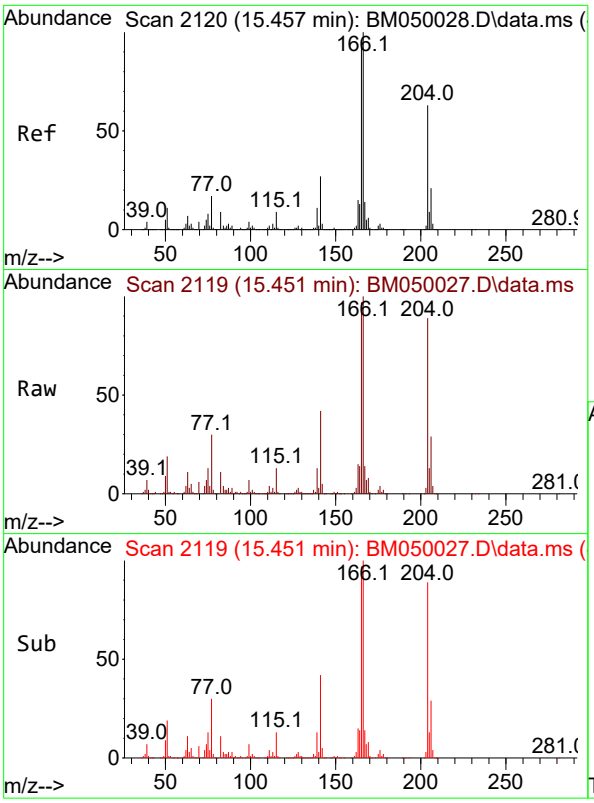


#60
Diethylphthalate
Concen: 20.034 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 848021

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.1	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 19.157 ng
RT: 15.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

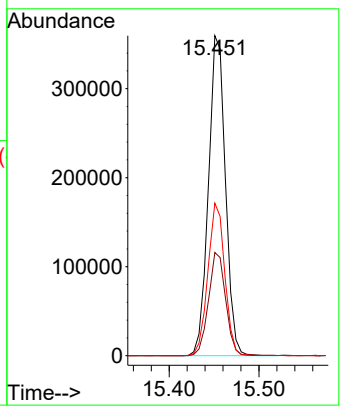
Tgt Ion:204 Resp: 47327

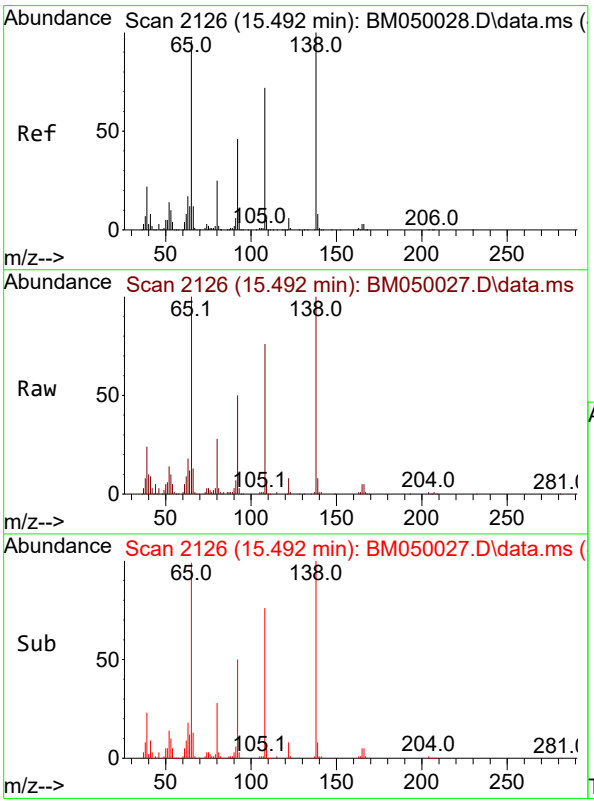
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	47.7	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

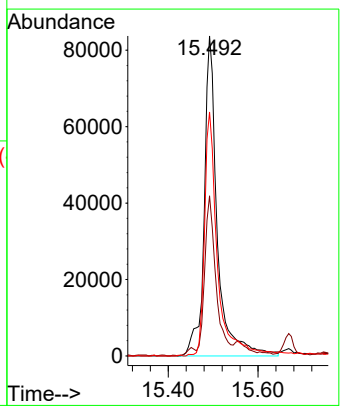


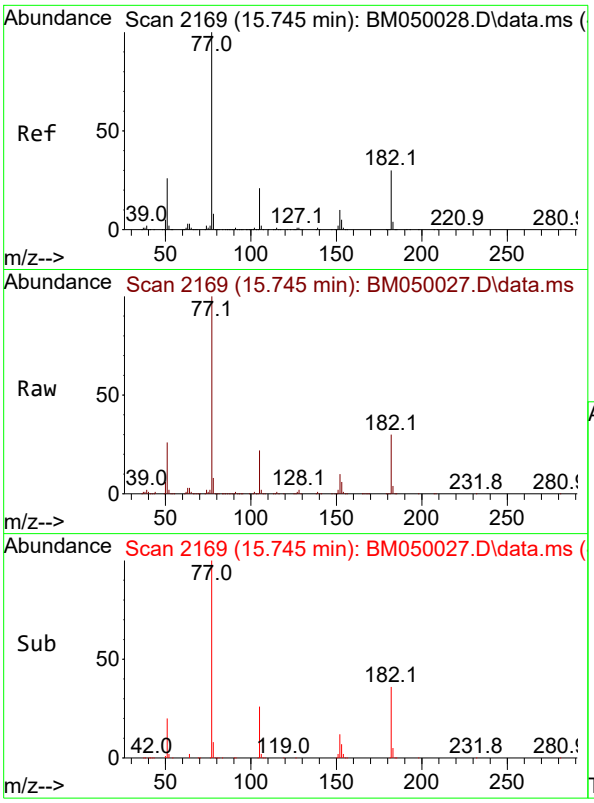


#62
4-Nitroaniline
Concen: 19.880 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:138 Resp: 170438

Ion	Ratio	Lower	Upper
138	100		
92	50.0	25.9	65.9
108	76.3	52.4	92.4

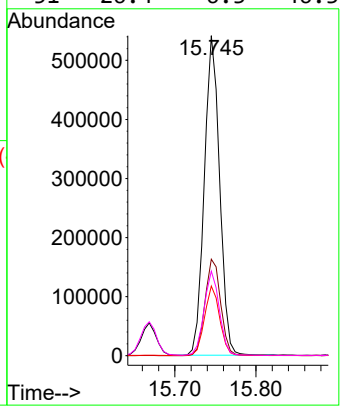




#63
Azobenzene
Concen: 19.930 ng
RT: 15.745 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion: 77 Resp: 70702

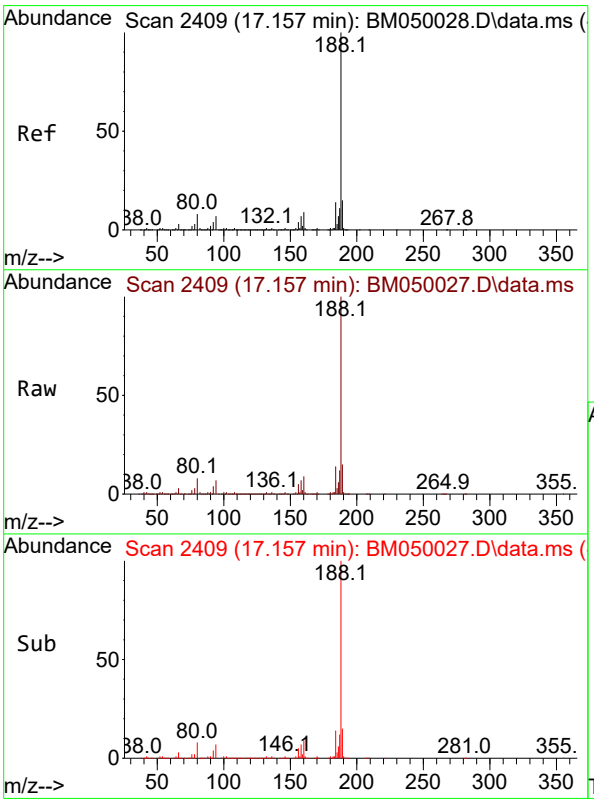
Ion	Ratio	Lower	Upper
77	100		
182	30.2	10.5	50.5
105	21.8	1.1	41.1
51	26.4	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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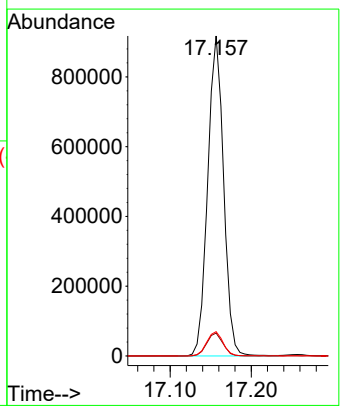
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

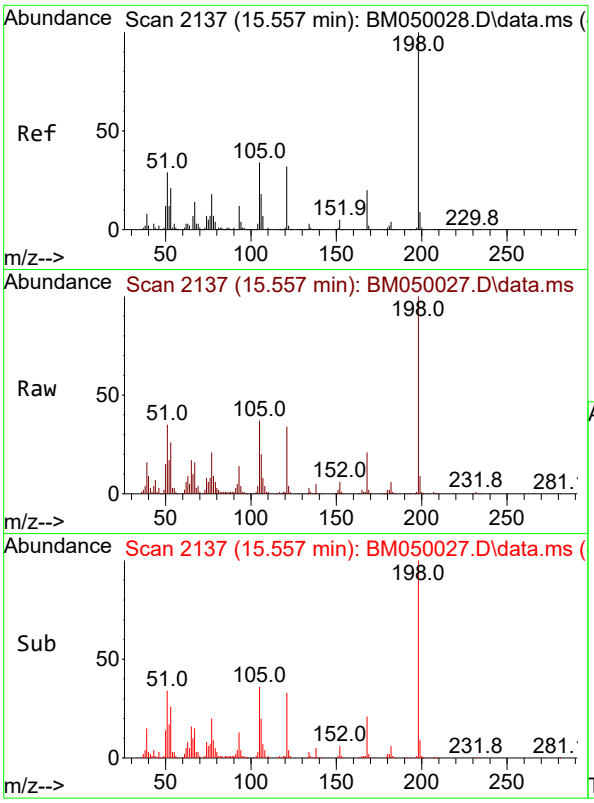


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:188 Resp: 1244440

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.6	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 17.576 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

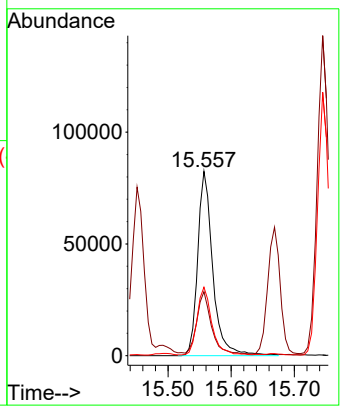
Tgt Ion:198 Resp: 13691

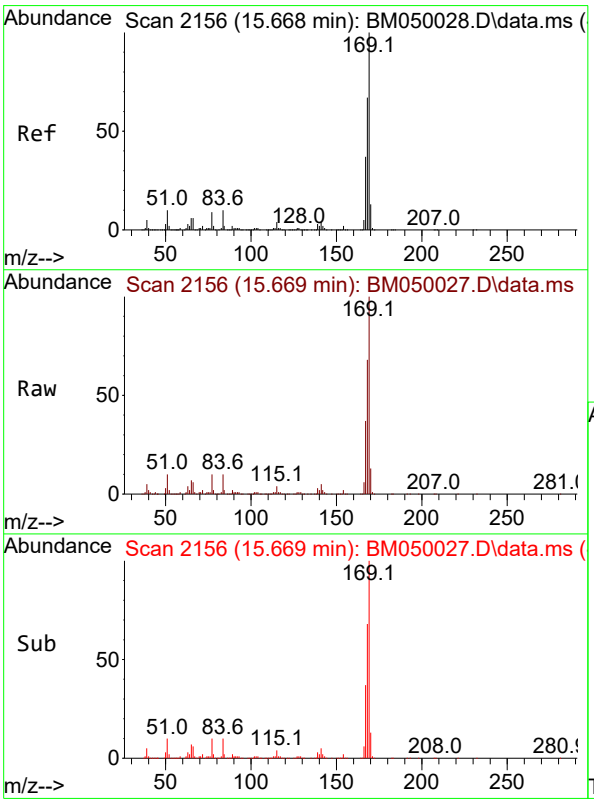
Ion	Ratio	Lower	Upper
198	100		
51	34.7	10.4	50.4
105	37.2	14.6	54.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

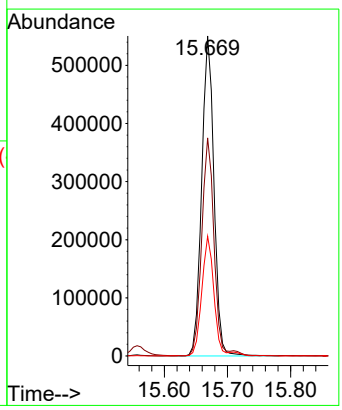


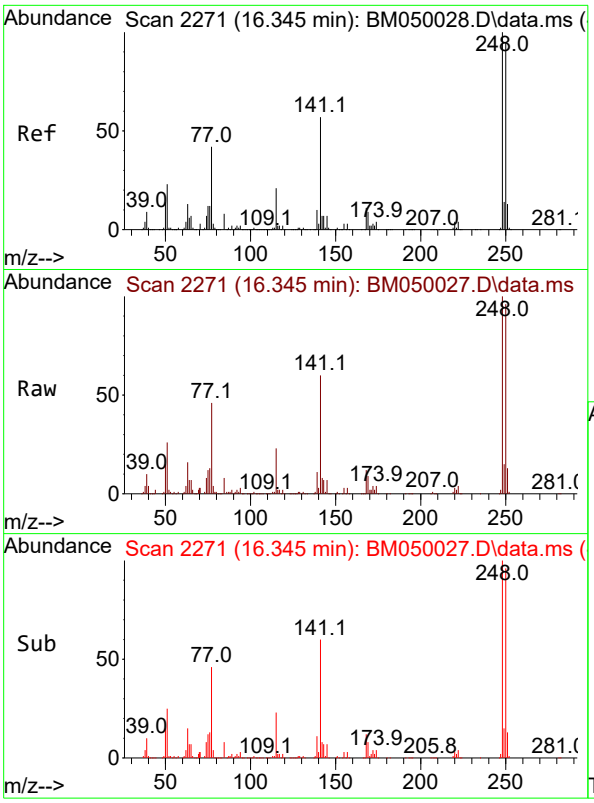


#66
n-Nitrosodiphenylamine
Concen: 19.415 ng
RT: 15.669 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:169 Resp: 741920

Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.4	80.2
167	37.4	29.4	44.0

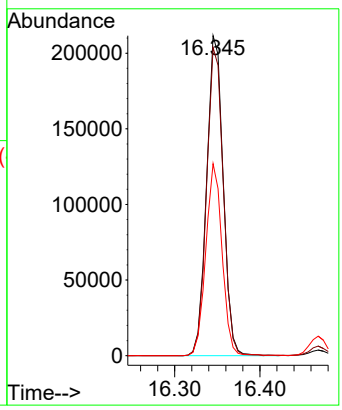




#67
4-Bromophenyl-phenylether
Concen: 18.962 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:248 Resp: 28535

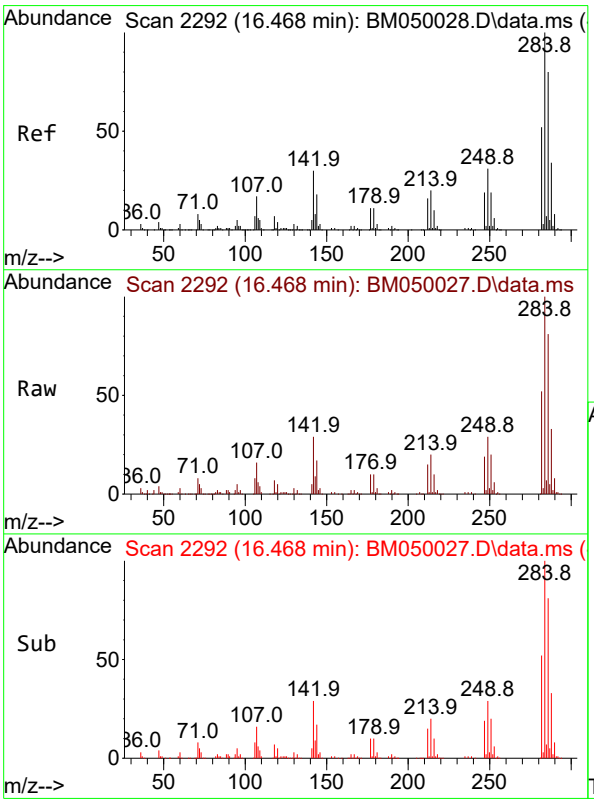
Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.2
141	60.0	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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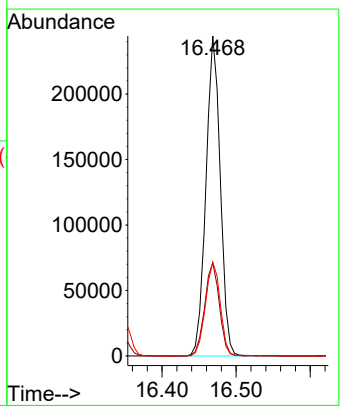
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

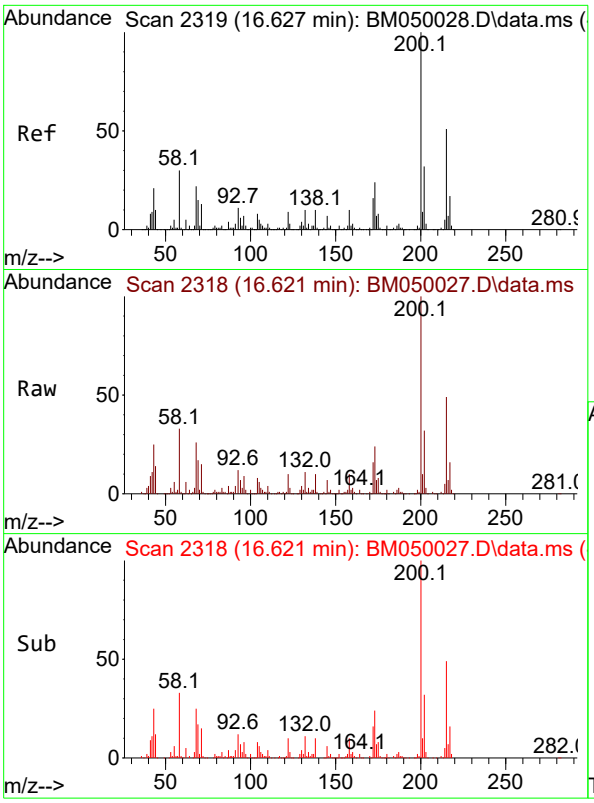


#68
Hexachlorobenzene
Concen: 18.903 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:284 Resp: 327912

Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.9	35.9
249	29.3	24.5	36.7





#69
Atrazine
Concen: 19.303 ng
RT: 16.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

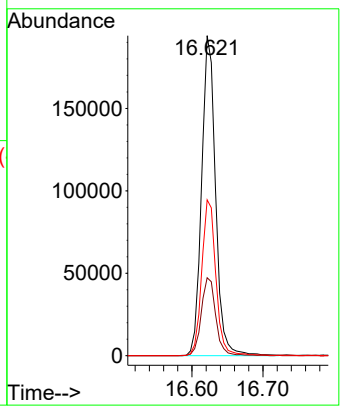
Tgt Ion:200 Resp: 26606

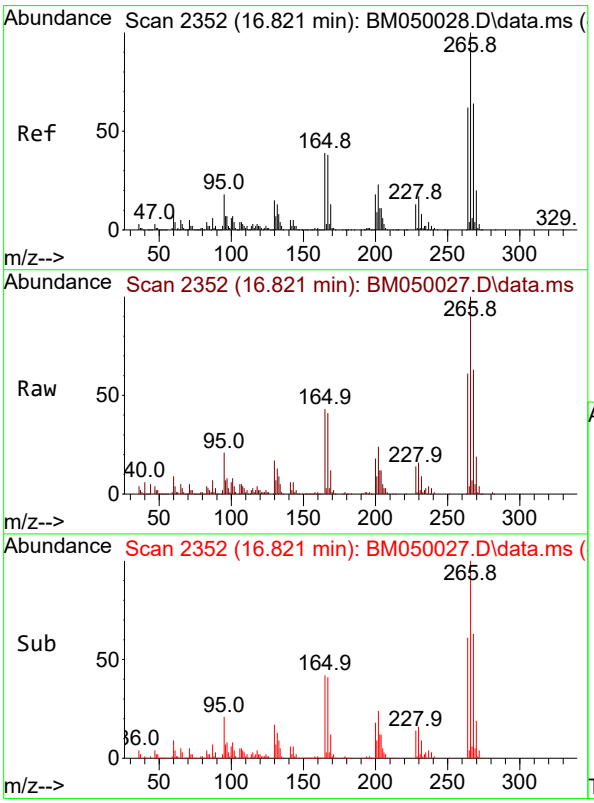
Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	48.7	30.6	70.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

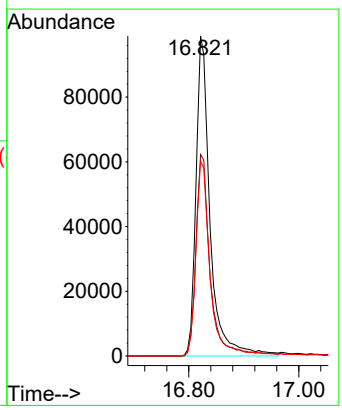


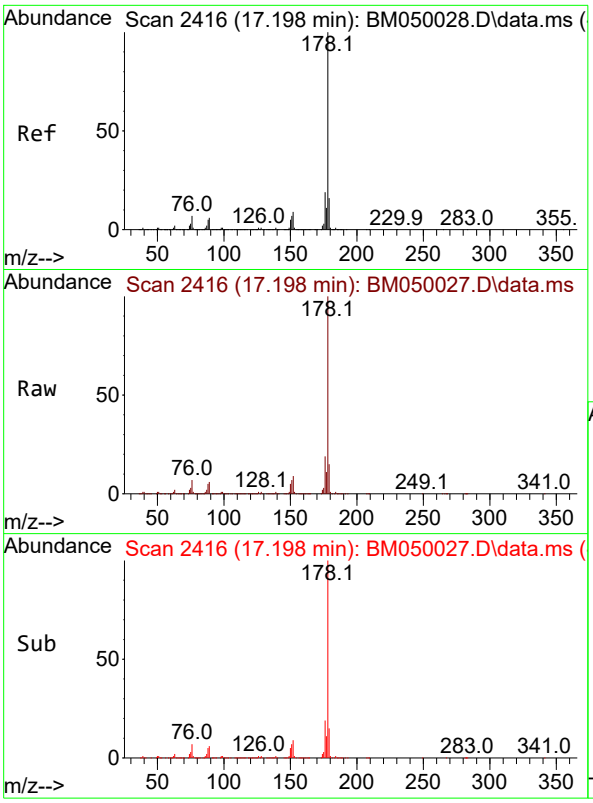


#70
Pentachlorophenol
Concen: 18.004 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:266 Resp: 175794

Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.2	76.8
264	60.9	49.6	74.4





#71
Phenanthrene
Concen: 19.208 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

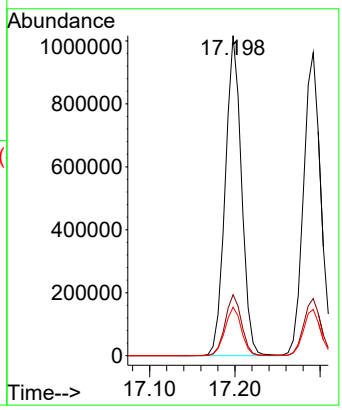
Tgt Ion:178 Resp: 134819

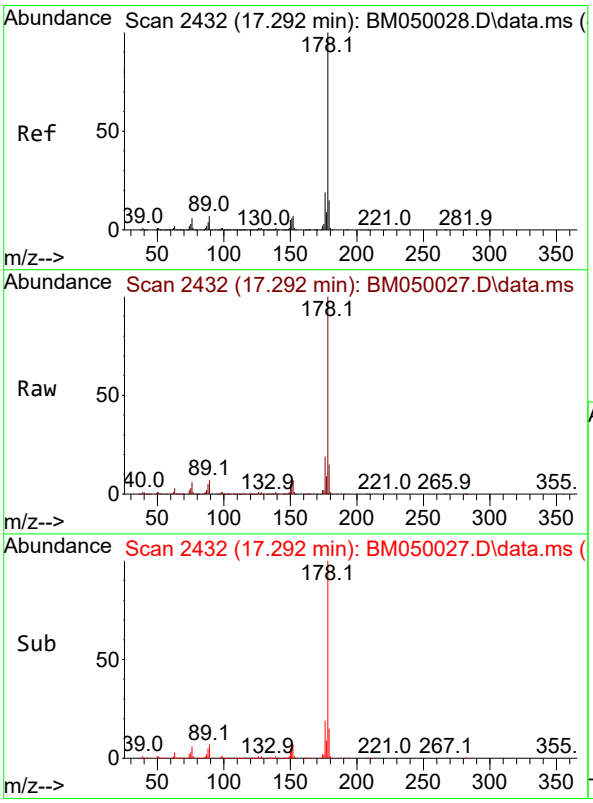
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

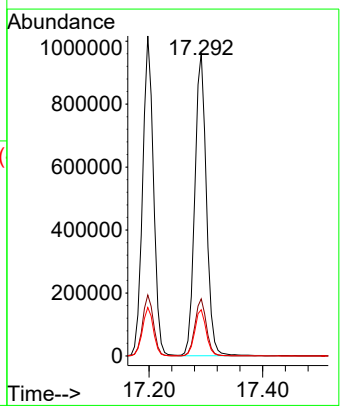


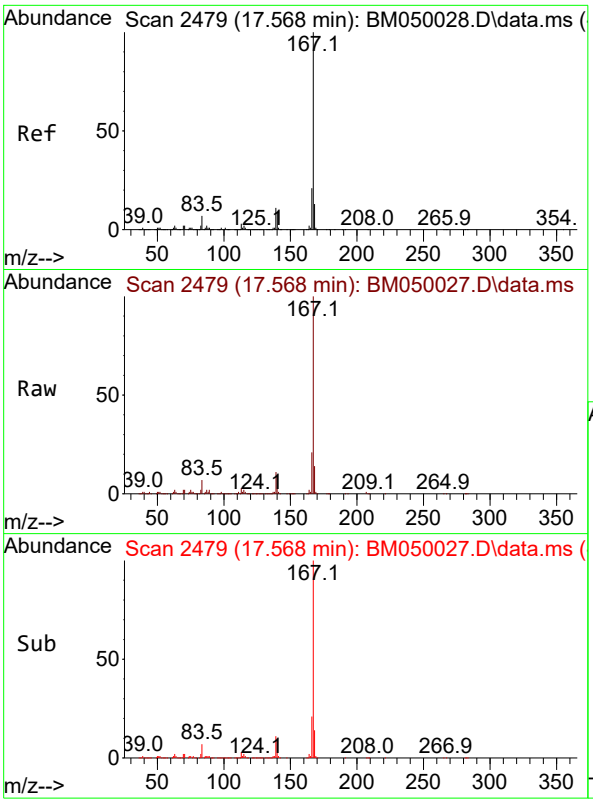


#72
Anthracene
Concen: 19.210 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:178 Resp: 1364462

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.2	18.4

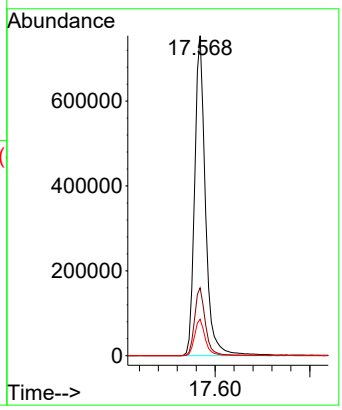




#73
Carbazole
Concen: 19.377 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:167 Resp: 119431

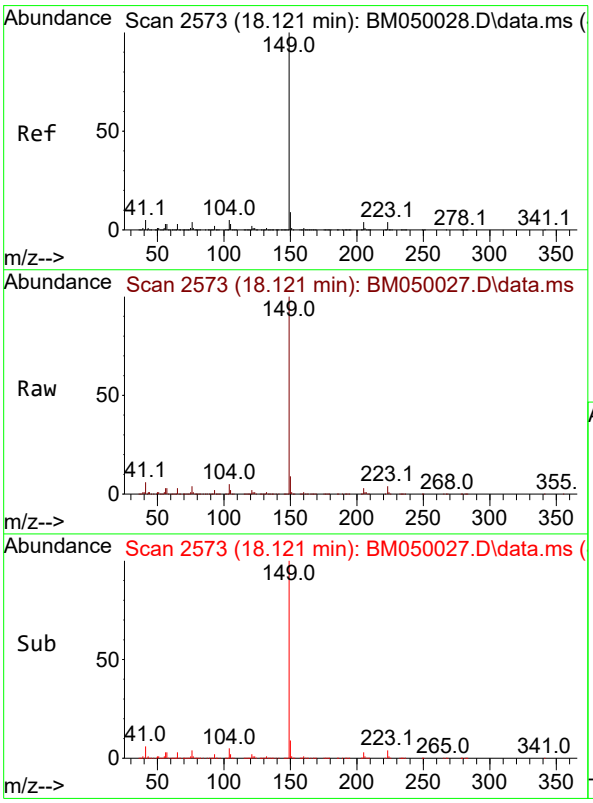
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.4	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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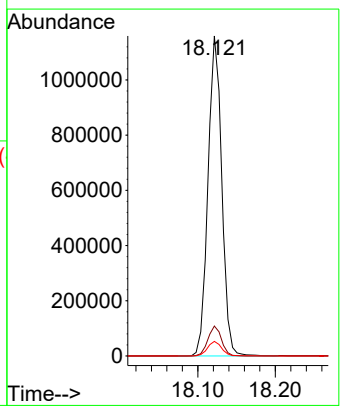
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

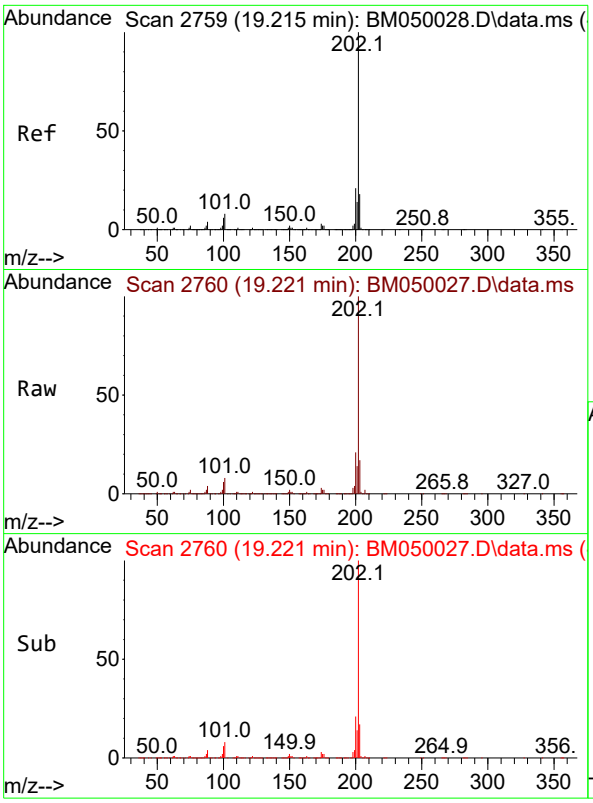


#74
Di-n-butylphthalate
Concen: 19.519 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 1432688

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.6	3.8	5.6

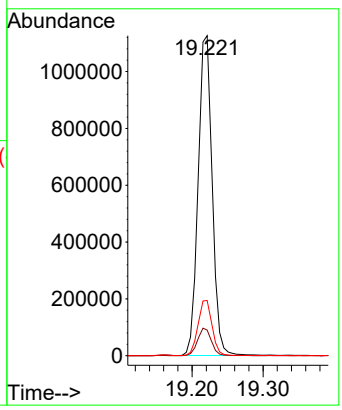




#75
Fluoranthene
Concen: 18.872 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 155516

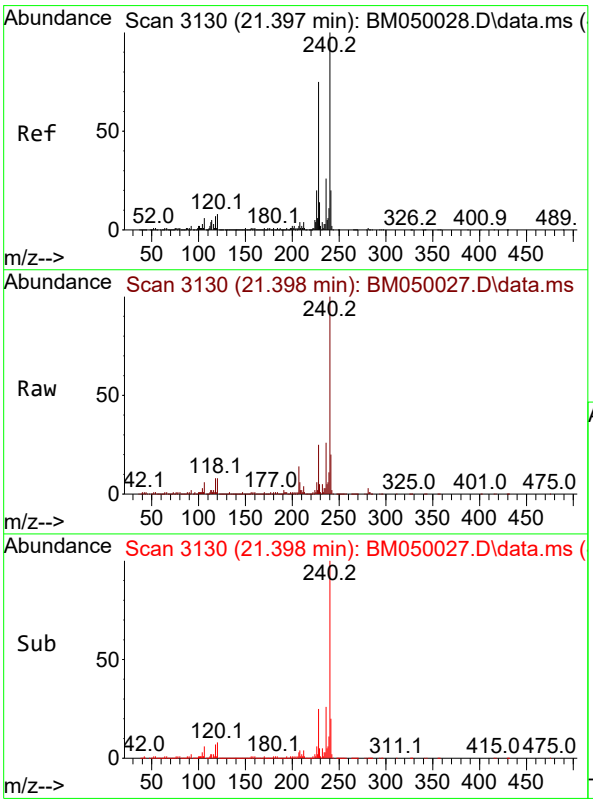
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.2	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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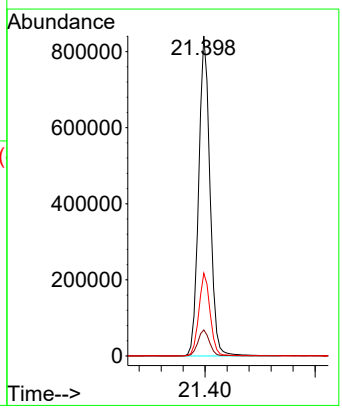
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

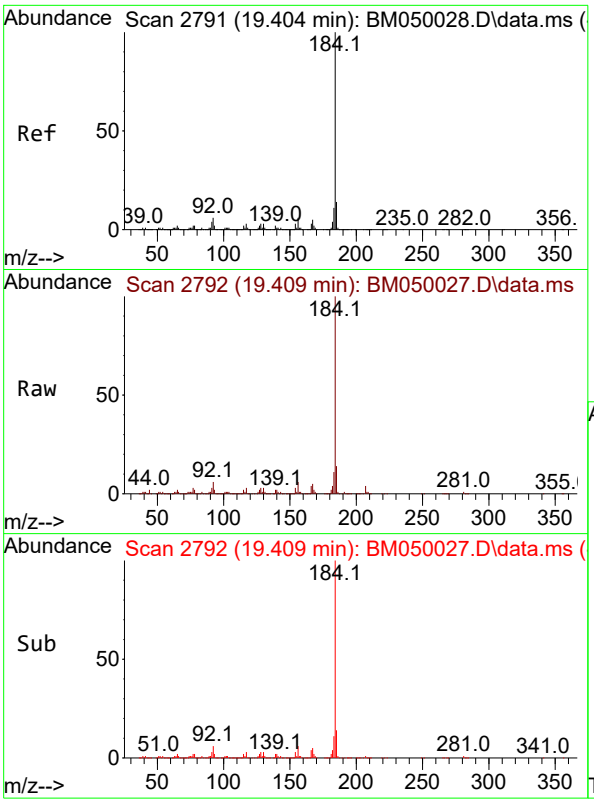


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:240 Resp: 1204355

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.9	20.9	31.3

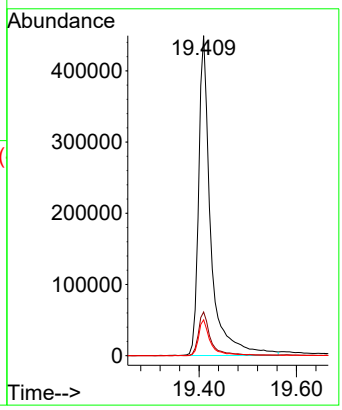




#77
Benzidine
Concen: 18.175 ng
RT: 19.409 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:184 Resp: 77750

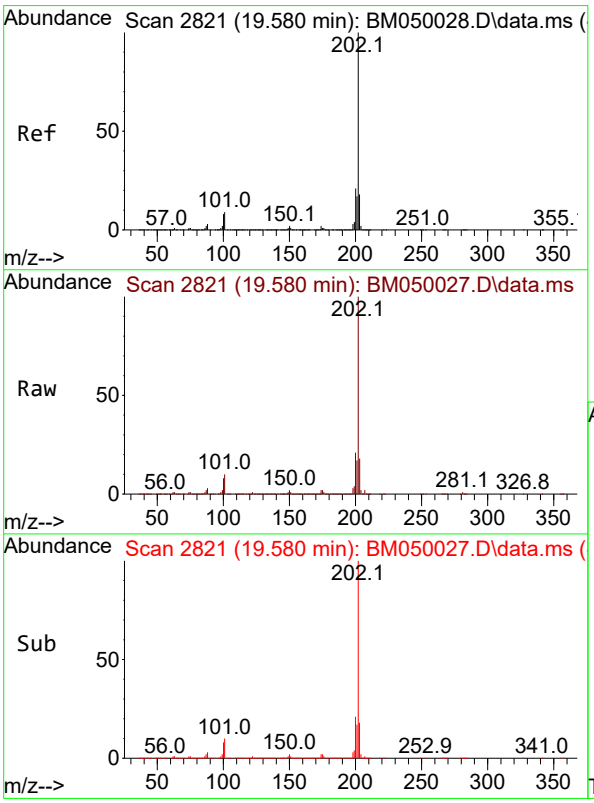
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.5	17.3
183	11.2	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

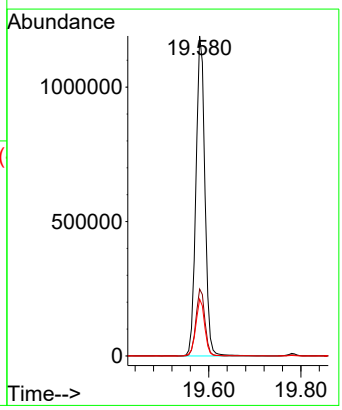
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

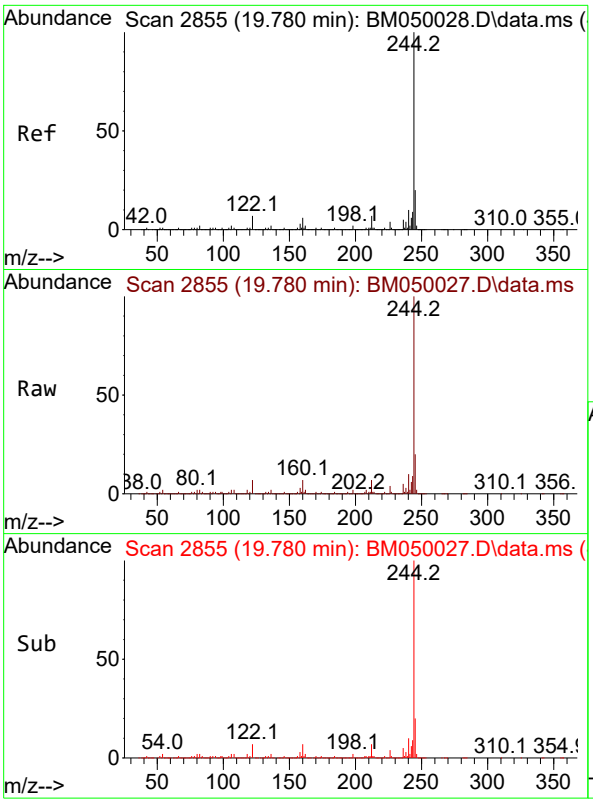


#78
Pyrene
Concen: 18.964 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:202 Resp: 1603874

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.1	21.1

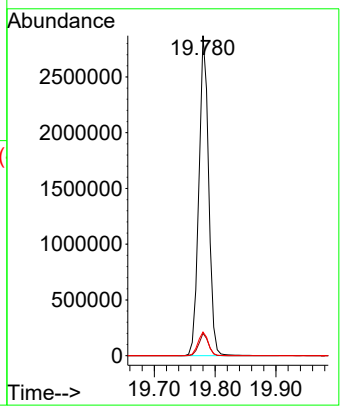




#79
Terphenyl-d14
Concen: 39.418 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:244 Resp: 320824

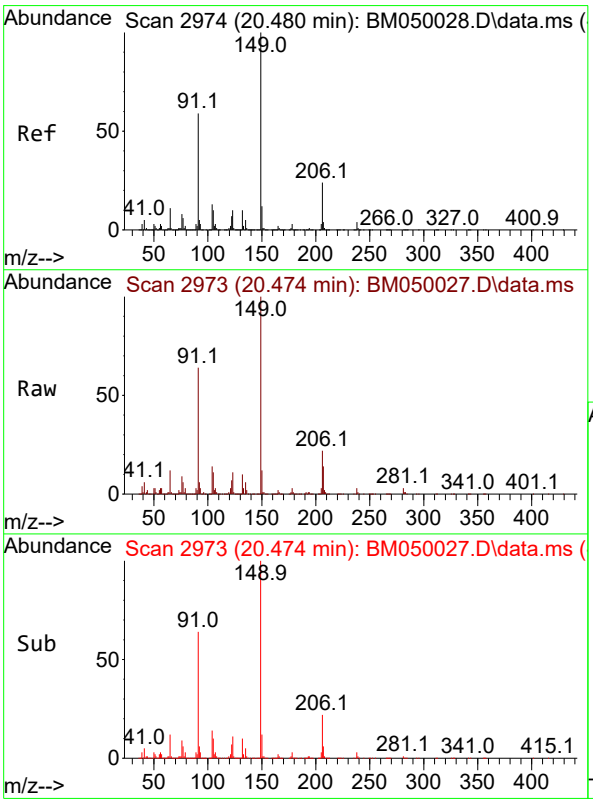
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.4	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

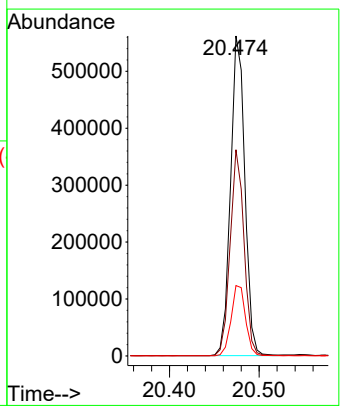
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

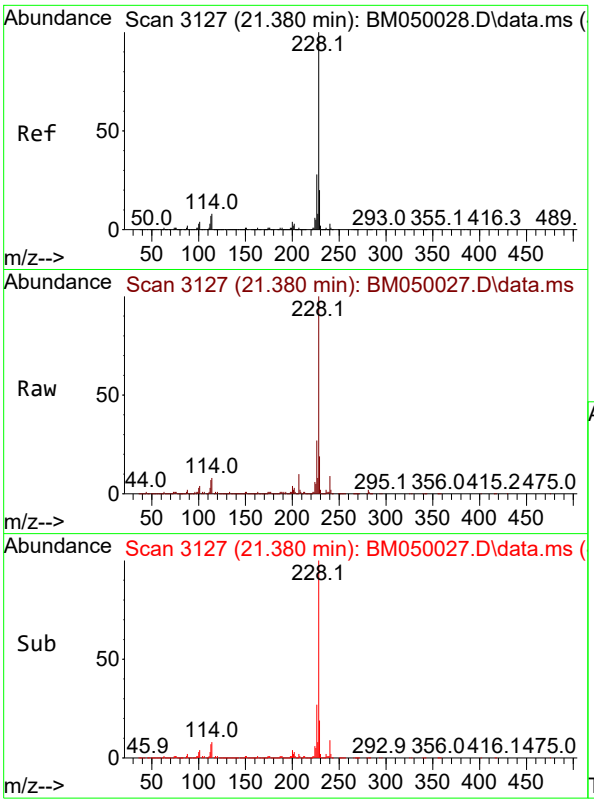


#80
Butylbenzylphthalate
Concen: 19.597 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 620751

Ion	Ratio	Lower	Upper
149	100		
91	64.4	47.4	71.2
206	22.0	19.4	29.0





#81
Benzo(a)anthracene
Concen: 19.187 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

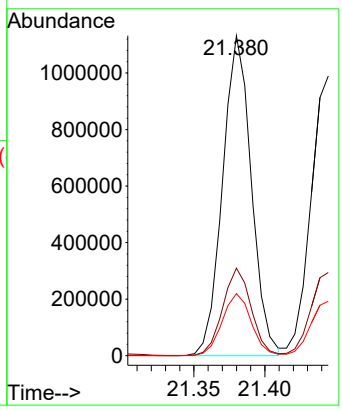
Instrument :
BNA_M
ClientSampleId :
SSTDICC020

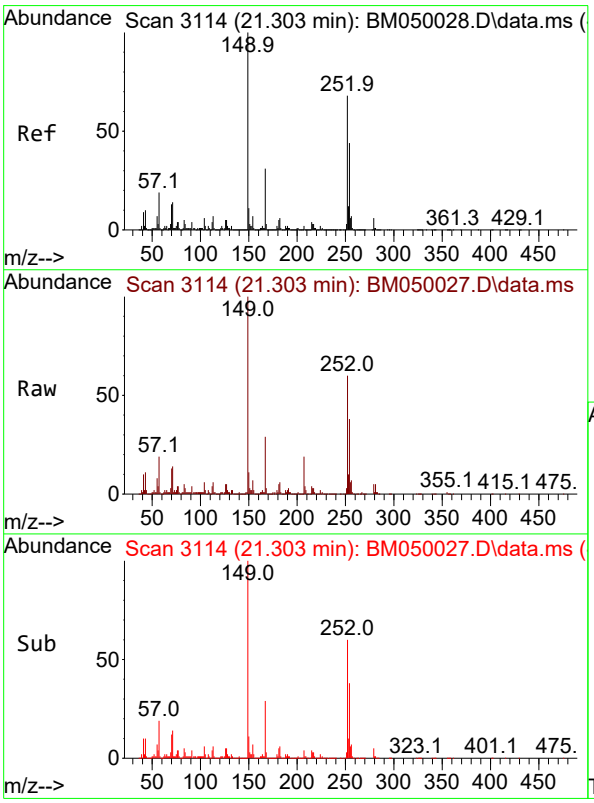
Tgt Ion:228 Resp: 159129

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.4	15.7	23.5

Manual Integrations
APPROVED

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

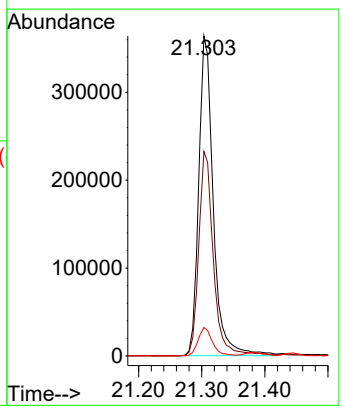


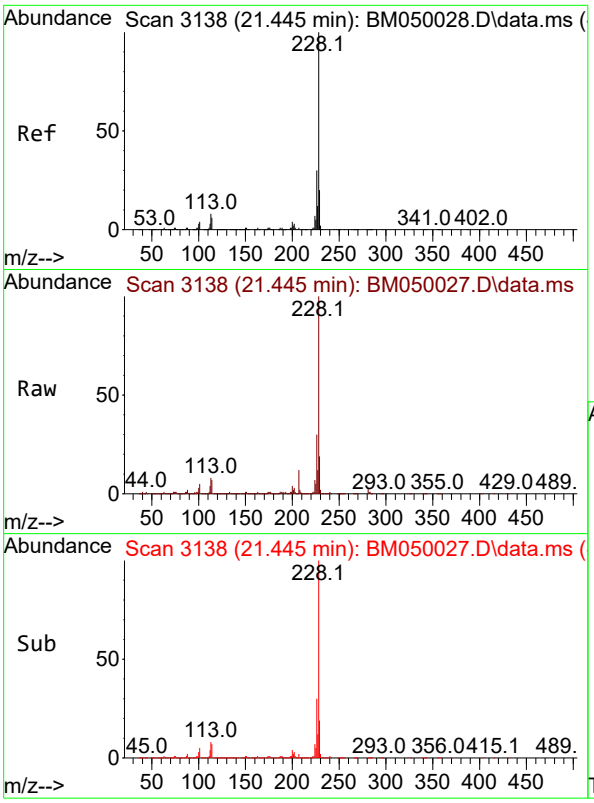


#82
3,3'-Dichlorobenzidine
Concen: 18.333 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 582038

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.8	77.6
126	8.9	6.0	9.0

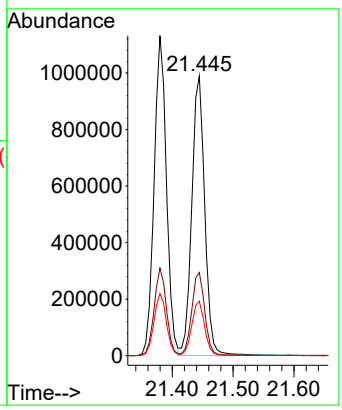




#83
Chrysene
Concen: 19.044 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:228 Resp: 146177

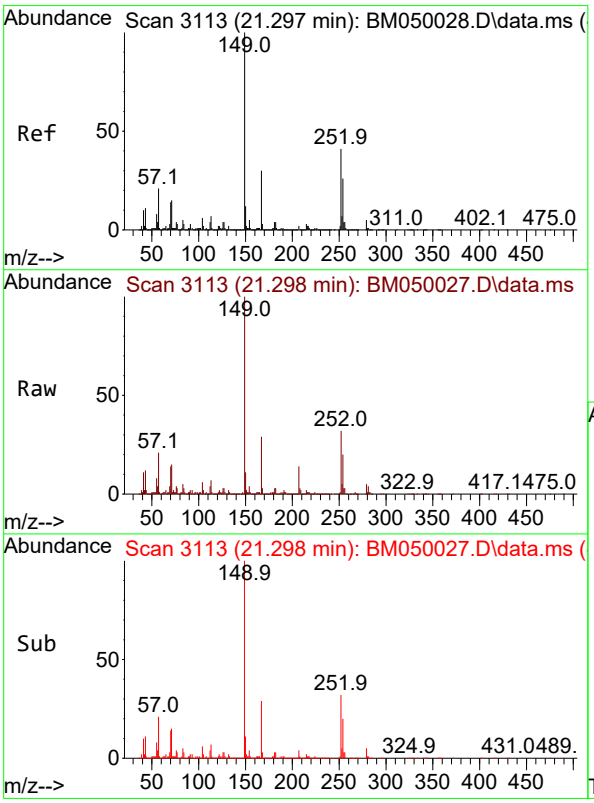
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.5	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

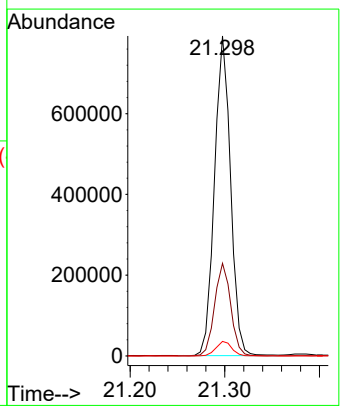
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

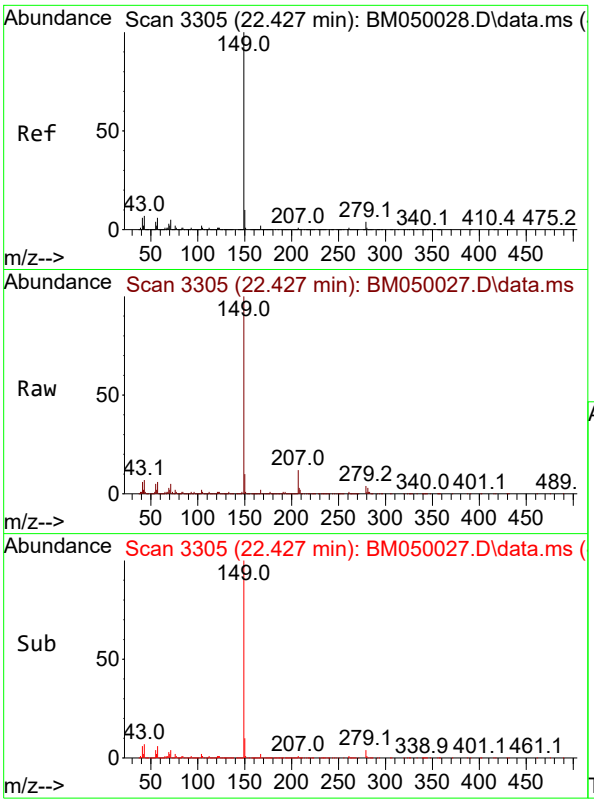


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.730 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 933505

Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.1	36.1
279	4.6	3.9	5.9

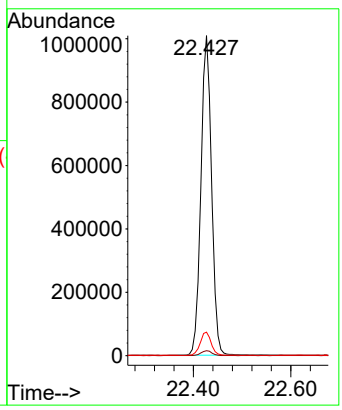




#85
Di-n-octyl phthalate
Concen: 19.552 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:149 Resp: 152559

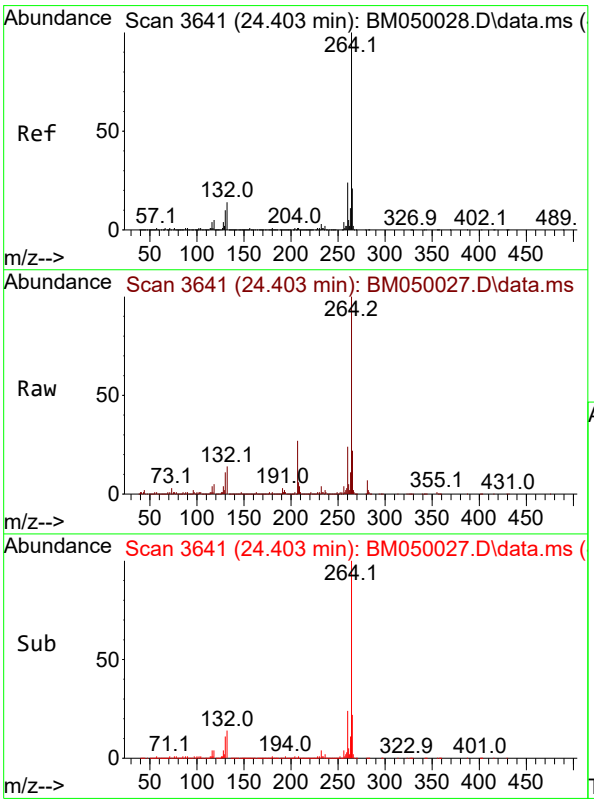
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

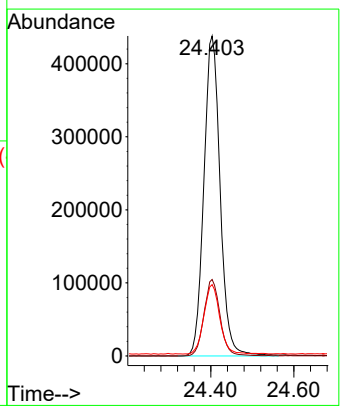
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

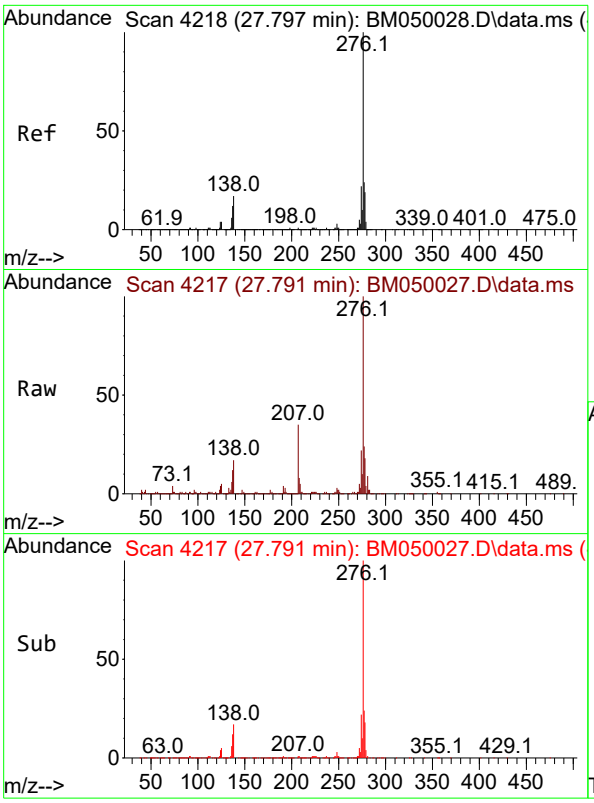


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:264 Resp: 1191041

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.3	17.0	25.4

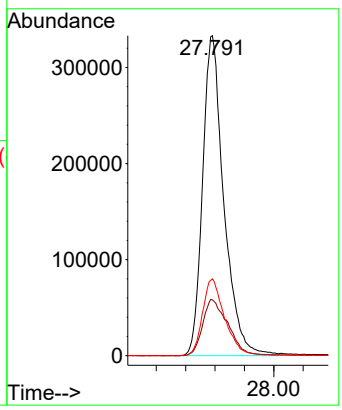




#87
Indeno(1,2,3-cd)pyrene
Concen: 18.840 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 167196

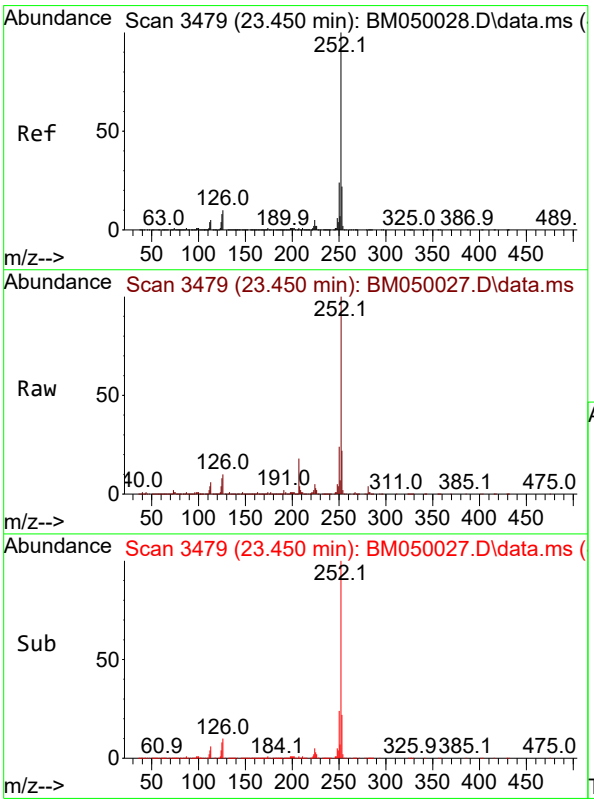
Ion	Ratio	Lower	Upper
276	100		
138	20.9	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

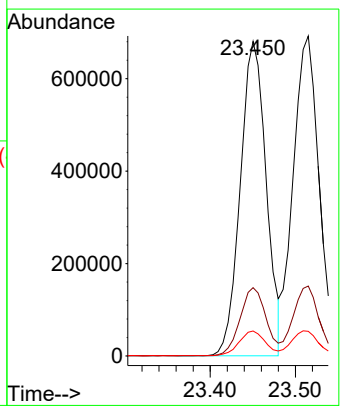
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

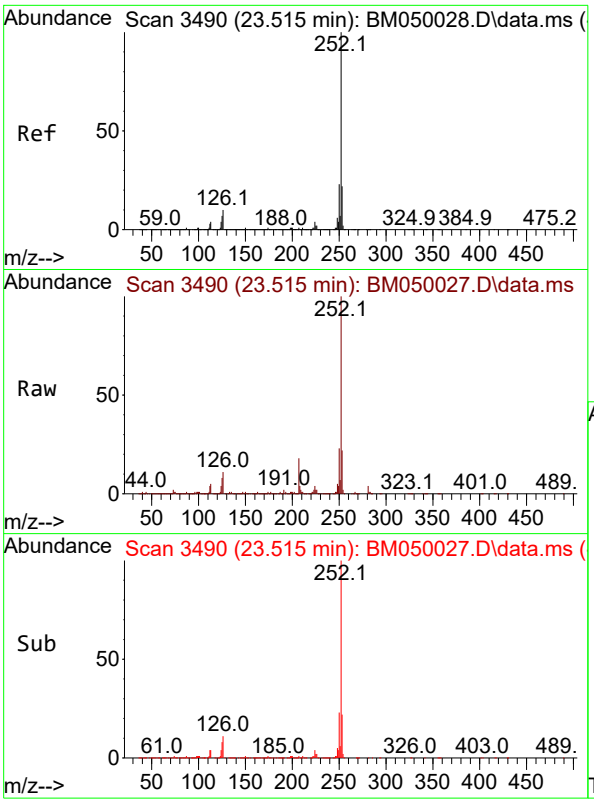


#88
Benzo(b)fluoranthene
Concen: 18.588 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1439776

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	7.9	6.1	9.1

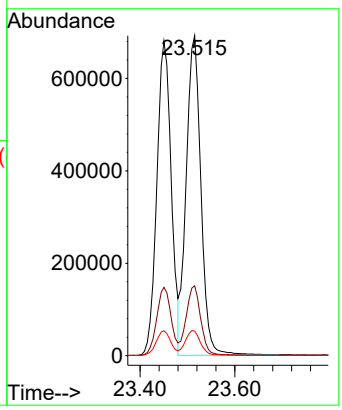




#89
Benzo(k)fluoranthene
Concen: 19.005 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 148941

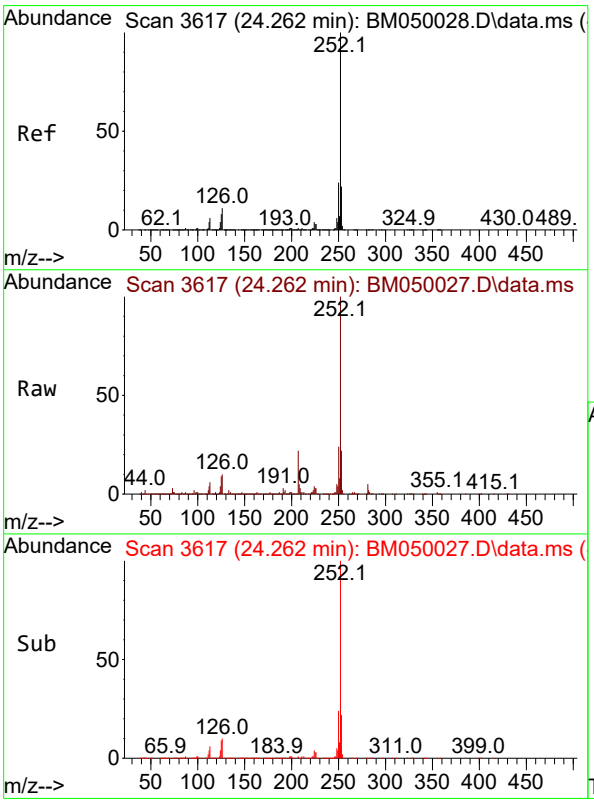
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

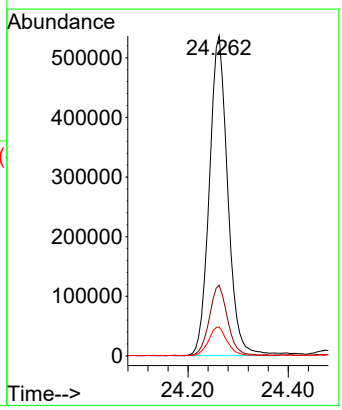
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

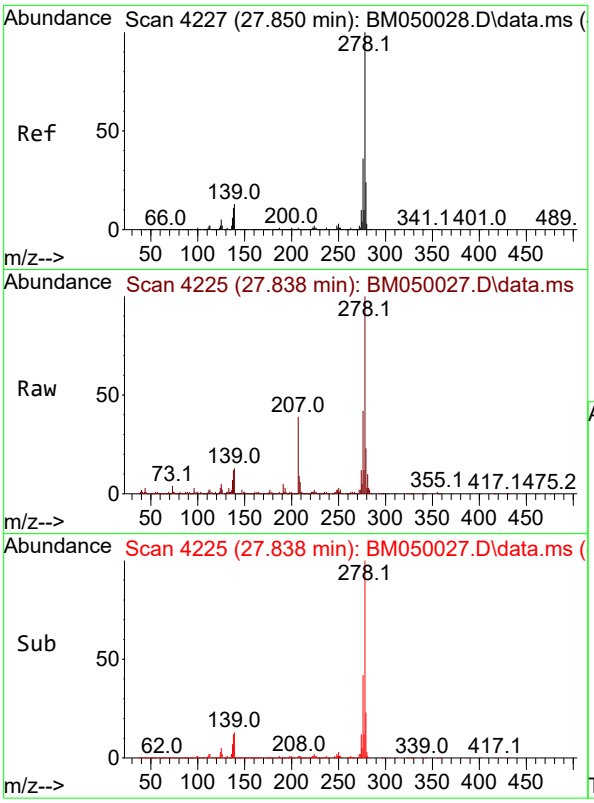


#90
Benzo(a)pyrene
Concen: 18.825 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:252 Resp: 1365706

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	9.0	6.6	9.8

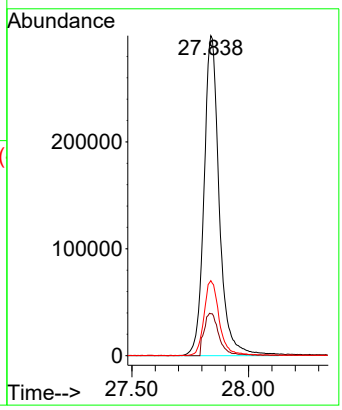




#91
Dibenzo(a,h)anthracene
Concen: 18.803 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:278 Resp: 136026

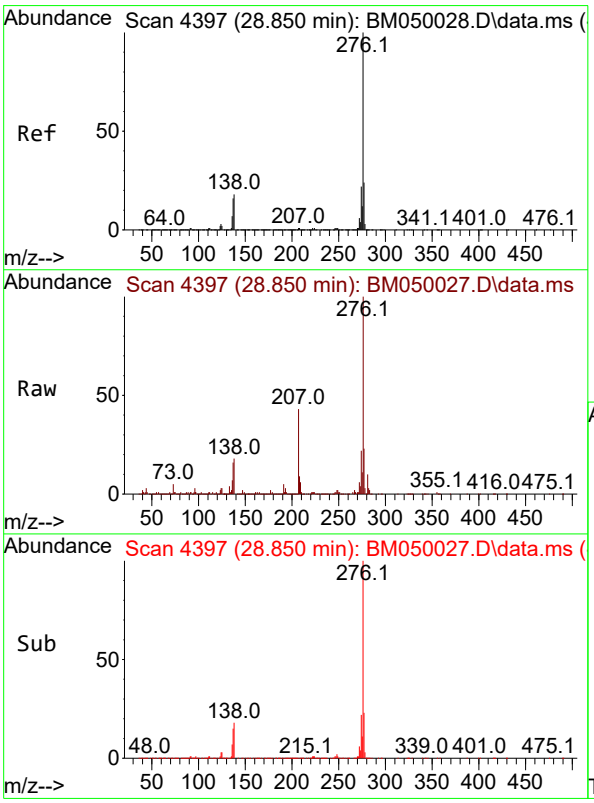
Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	23.4	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

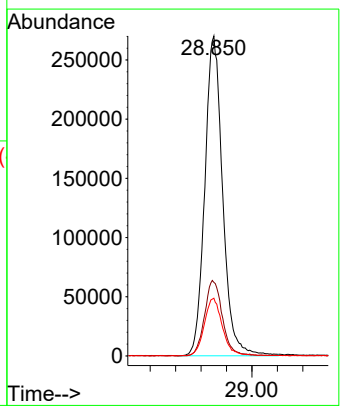
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 19.008 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050027.D
Acq: 28 Apr 2025 14:27

Tgt Ion:276 Resp: 1316513

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.1	28.7
138	18.1	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	241109	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	890488	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	591599	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1163791	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1114654	20.000	ng	0.00
86) Perylene-d12	24.403	264	1072526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1165032	84.611	ng	0.00
7) Phenol-d6	6.951	99	1487856	85.973	ng	0.00
23) Nitrobenzene-d5	8.928	82	1547270	85.620	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	751927	85.958	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4275240	85.489	ng	0.00
79) Terphenyl-d14	19.780	244	6797031	90.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	246624	41.774	ng	100
3) Pyridine	3.657	79	641890	42.316	ng	100
4) n-Nitrosodimethylamine	3.563	42	251749	42.316	ng	100
6) Aniline	7.098	93	936673	42.862	ng	100
8) 2-Chlorophenol	7.340	128	632836	42.508	ng	100
9) Benzaldehyde	6.910	77	497166	42.981	ng	100
10) Phenol	6.981	94	742305	42.370	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	616851	42.166	ng	100
12) 1,3-Dichlorobenzene	7.657	146	754937	41.979	ng	100
13) 1,4-Dichlorobenzene	7.804	146	752959	41.677	ng	100
14) 1,2-Dichlorobenzene	8.122	146	733848	42.050	ng	100
15) Benzyl Alcohol	8.016	79	521025	43.413	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.292	45	748400	42.085	ng	100
17) 2-Methylphenol	8.222	107	498005	43.149	ng	100
18) Hexachloroethane	8.845	117	268328	41.780	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	483699	43.579	ng	100
20) 3+4-Methylphenols	8.557	107	671942	43.111	ng	100
22) Acetophenone	8.592	105	946106	42.735	ng	100
24) Nitrobenzene	8.969	77	666034	42.625	ng	100
25) Isophorone	9.498	82	1298577	42.156	ng	100
26) 2-Nitrophenol	9.681	139	349855	43.827	ng	100
27) 2,4-Dimethylphenol	9.751	122	576549	43.552	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	809528	42.518	ng	100
29) 2,4-Dichlorophenol	10.228	162	644546	43.461	ng	100
30) 1,2,4-Trichlorobenzene	10.428	180	759987	42.060	ng	100
31) Naphthalene	10.610	128	1898588	42.100	ng	100
32) Benzoic acid	9.910	122	351345	41.613	ng	100
33) 4-Chloroaniline	10.728	127	784625	42.448	ng	100
34) Hexachlorobutadiene	10.898	225	481510	41.981	ng	100
35) Caprolactam	11.522	113	185984	43.010	ng	100
36) 4-Chloro-3-methylphenol	11.869	107	579492	42.293	ng	100
37) 2-Methylnaphthalene	12.227	142	1269061	41.973	ng	100
38) 1-Methylnaphthalene	12.445	142	1341577	41.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	878448	42.894	ng	100
41) Hexachlorocyclopentadiene	12.580	237	538788	43.050	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	563324	43.368	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	612194	43.706	ng	100
46) 1,1'-Biphenyl	13.245	154	1860581	42.309	ng	100
47) 2-Chloronaphthalene	13.286	162	1479560	42.480	ng	100
48) 2-Nitroaniline	13.498	65	357098	43.684	ng	100
49) Acenaphthylene	14.133	152	2332675	42.478	ng	100
50) Dimethylphthalate	13.869	163	1812335	41.918	ng	100
51) 2,6-Dinitrotoluene	13.992	165	386623	43.191	ng	100
52) Acenaphthene	14.474	154	1340946	42.186	ng	100
53) 3-Nitroaniline	14.327	138	379359	44.389	ng	100
54) 2,4-Dinitrophenol	14.545	184	210115	39.788	ng	100
55) Dibenzofuran	14.810	168	2219206	41.961	ng	100
56) 4-Nitrophenol	14.669	139	264964	40.483	ng	100
57) 2,4-Dinitrotoluene	14.786	165	539867	43.646	ng	100
58) Fluorene	15.463	166	1843261	42.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	514644	42.446	ng	100
60) Diethylphthalate	15.233	149	1696013	41.631	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	1014134	42.652	ng	100
62) 4-Nitroaniline	15.492	138	370884	44.949	ng	100
63) Azobenzene	15.745	77	1439085	42.150	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	315113	43.256	ng	100
66) n-Nitrosodiphenylamine	15.668	169	1525193	42.678	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	600373	42.660	ng	100
68) Hexachlorobenzene	16.468	284	683325	42.122	ng	100
69) Atrazine	16.627	200	550018	42.668	ng	100
70) Pentachlorophenol	16.821	266	387613	42.448	ng	100
71) Phenanthrene	17.198	178	2762249	42.082	ng	100
72) Anthracene	17.292	178	2824805	42.525	ng	100
73) Carbazole	17.568	167	2452474	42.547	ng	100
74) Di-n-butylphthalate	18.121	149	2899479	42.239	ng	100
75) Fluoranthene	19.215	202	3282789	42.598	ng	100
77) Benzidine	19.404	184	1720168	43.446	ng	100
78) Pyrene	19.580	202	3383053	43.220	ng	100
80) Butylbenzylphthalate	20.480	149	1251950	42.704	ng	100
81) Benzo(a)anthracene	21.380	228	3295625	42.935	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1292611	43.991	ng	100
83) Chrysene	21.445	228	2992790	42.127	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1878368	42.895	ng	100
85) Di-n-octyl phthalate	22.427	149	3044578	42.160	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	3435665	42.991	ng	100
88) Benzo(b)fluoranthene	23.450	252	3016197	43.243	ng	100
89) Benzo(k)fluoranthene	23.515	252	2974903	42.155	ng	100
90) Benzo(a)pyrene	24.262	252	2777683	42.519	ng	100
91) Dibenzo(a,h)anthracene	27.850	278	2787948	42.796	ng	100
92) Benzo(g,h,i)perylene	28.850	276	2651145	42.508	ng	100

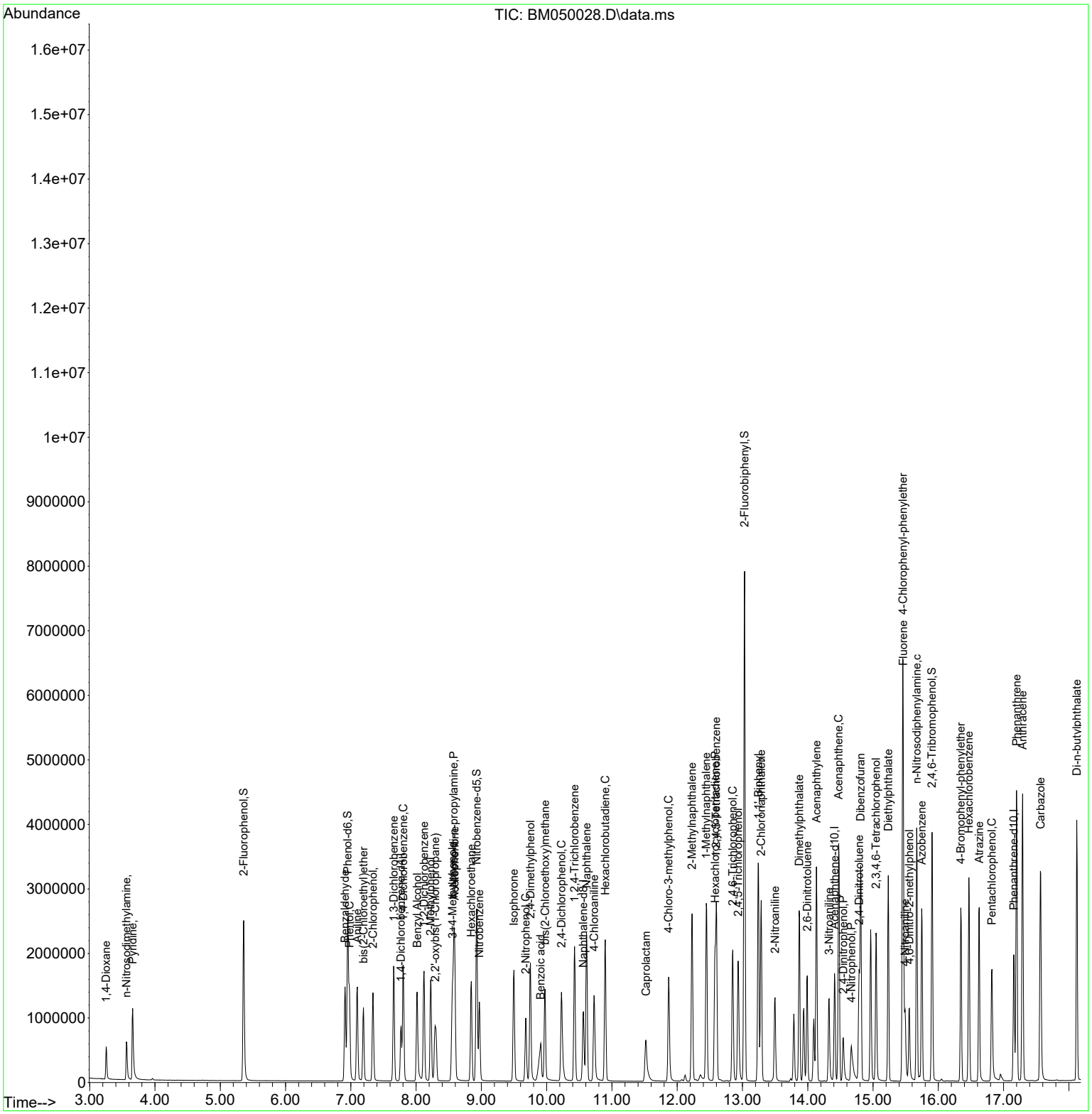
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

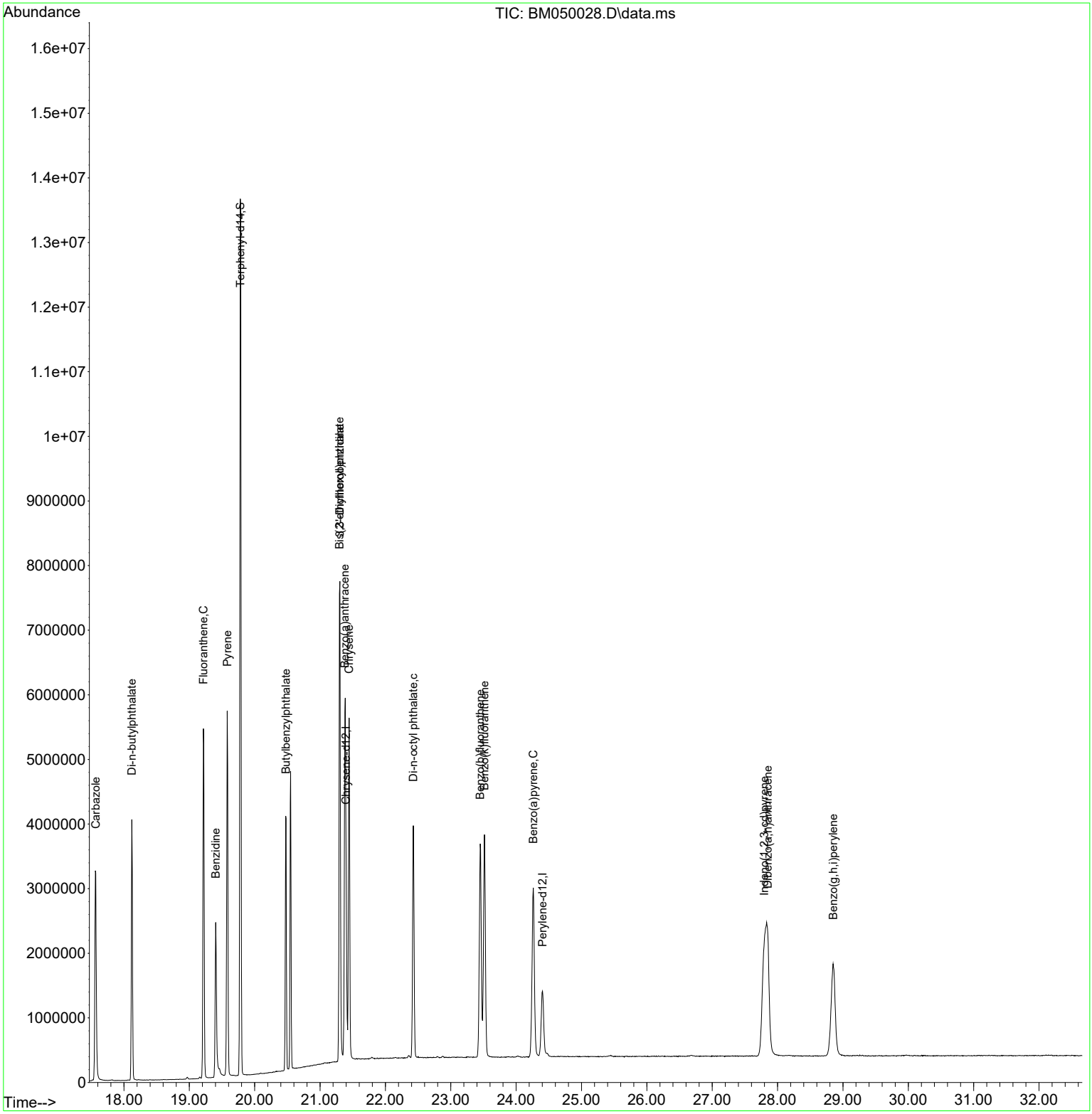


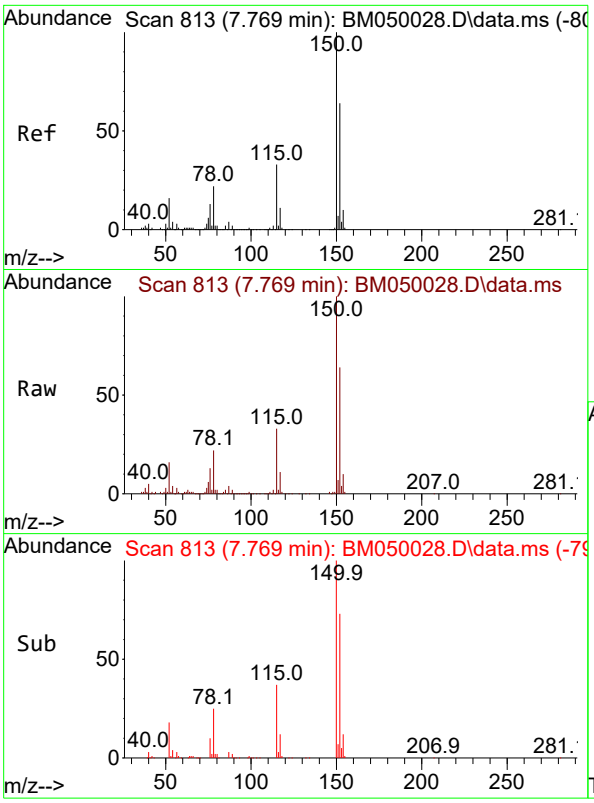
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050028.D
Acq On : 28 Apr 2025 15:06
Operator : RC/JU
Sample : SSTDICCC040
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Apr 28 17:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



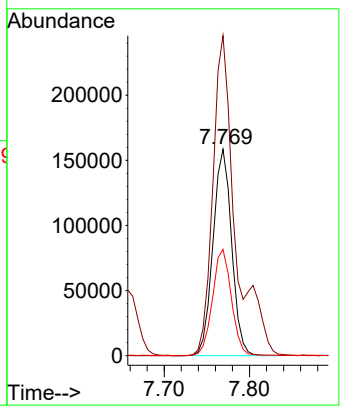


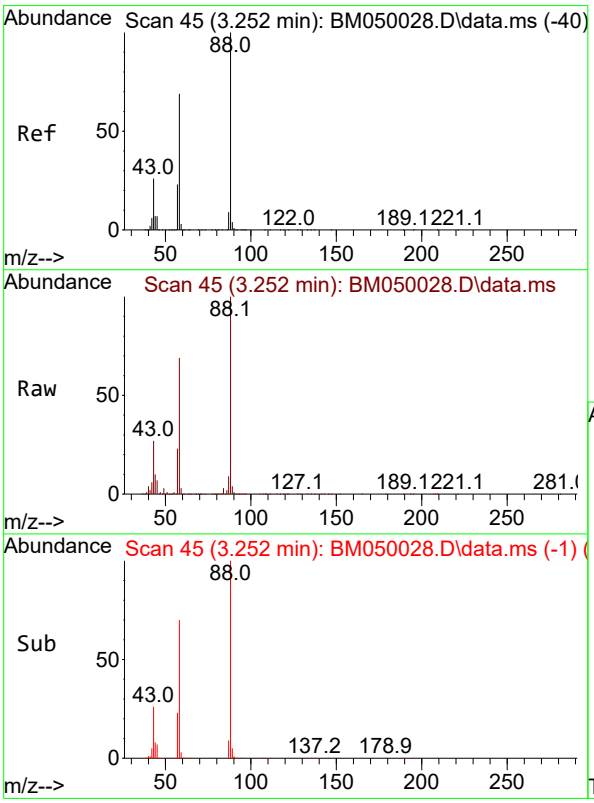
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 241109

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	51.5	41.2	61.8

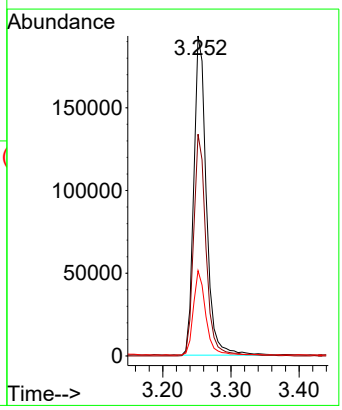


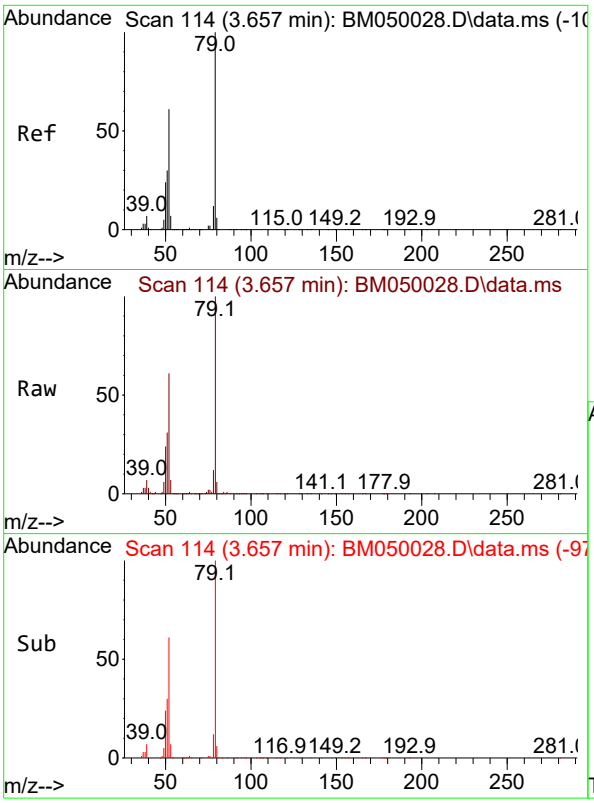


#2
1,4-Dioxane
Concen: 41.774 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 88 Resp: 246624

Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.1	82.7
43	26.1	20.9	31.3



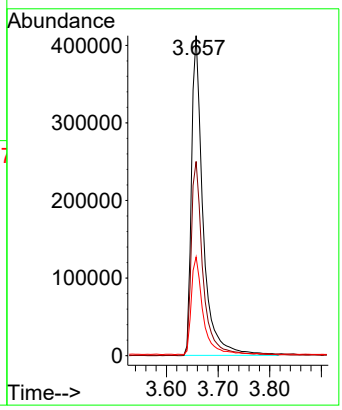


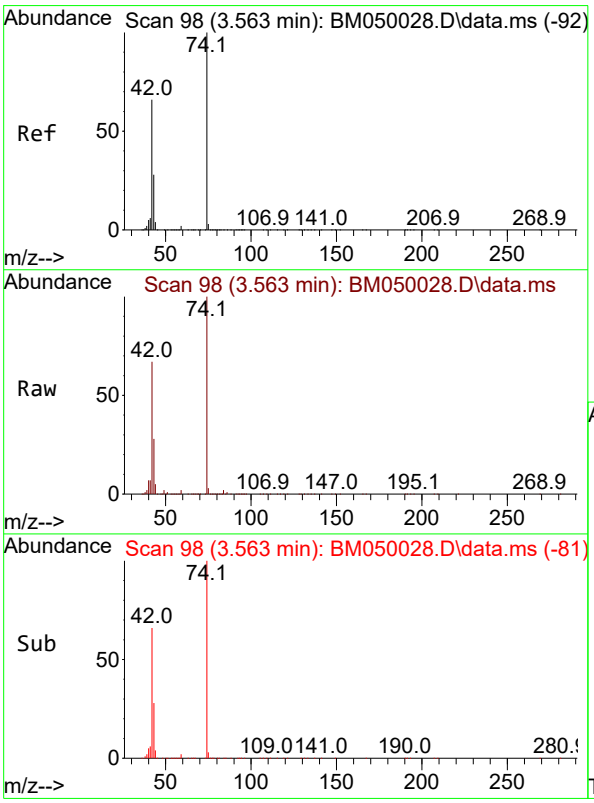
#3
Pyridine
Concen: 42.316 ng
RT: 3.657 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 641890

Ion	Ratio	Lower	Upper
79	100		
52	60.7	48.6	72.8
51	30.8	24.6	37.0

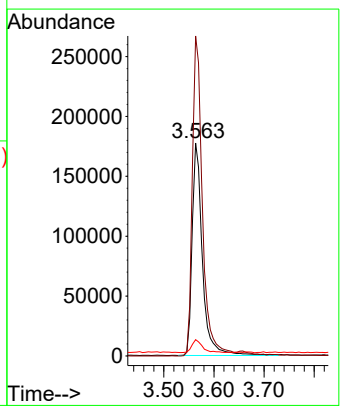


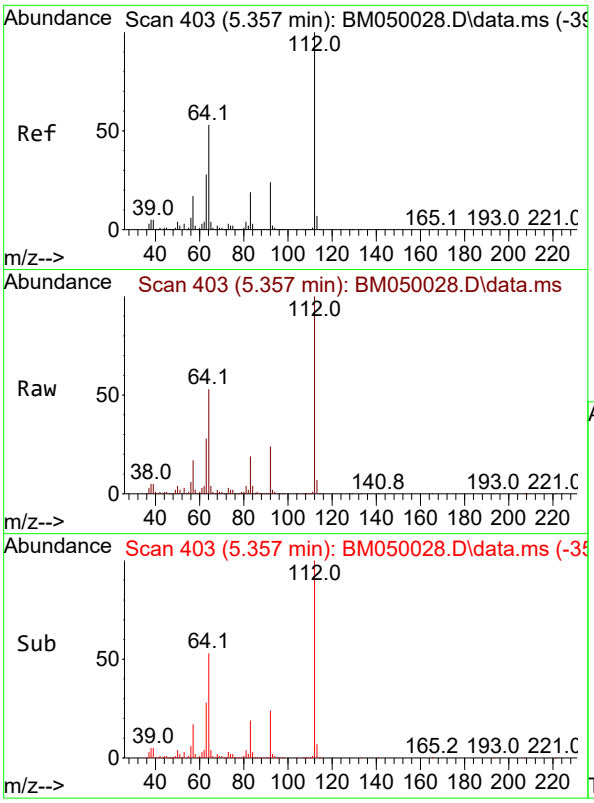


#4
n-Nitrosodimethylamine
Concen: 42.316 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 42 Resp: 251749

Ion	Ratio	Lower	Upper
42	100		
74	150.2	120.2	180.2
44	7.7	6.2	9.2



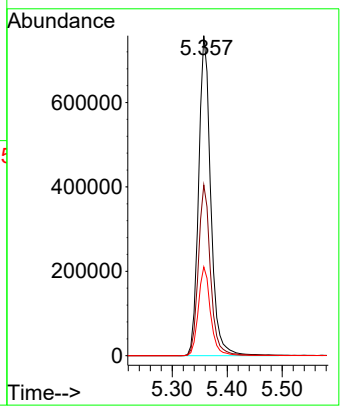


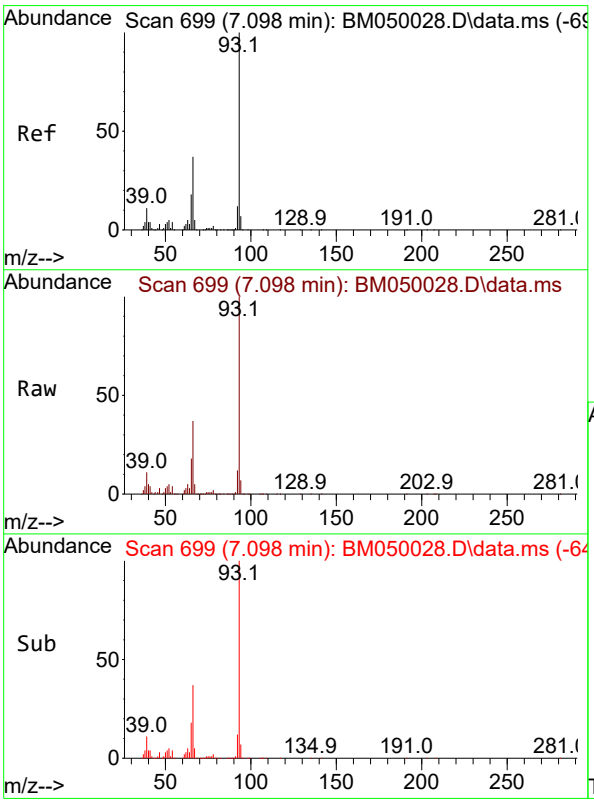
#5
2-Fluorophenol
Concen: 84.611 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1165032

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.6	64.0
63	27.8	22.2	33.4

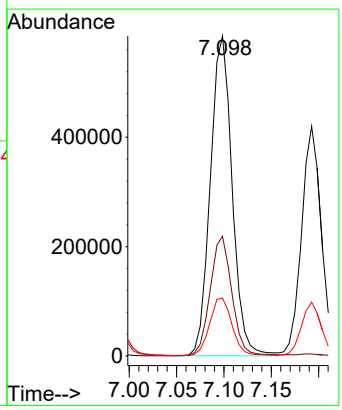


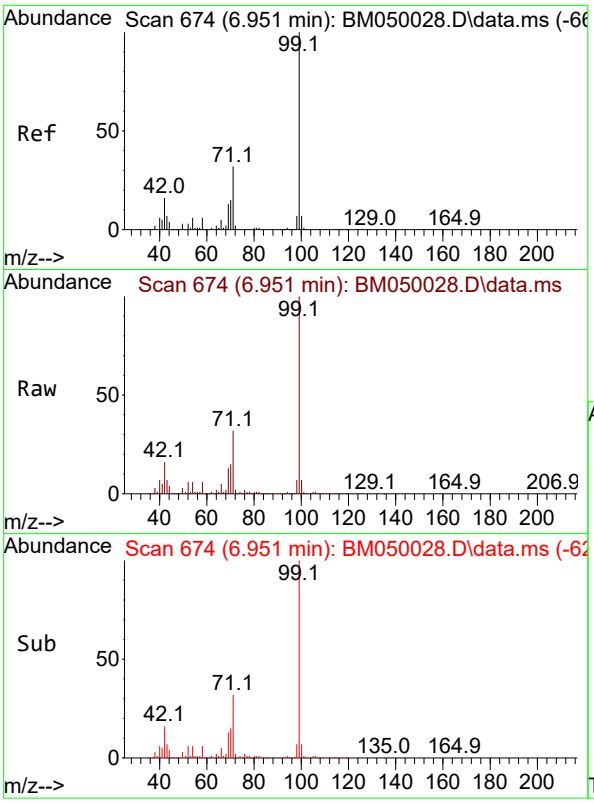


#6
Aniline
Concen: 42.862 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 936673

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.1	14.5	21.7



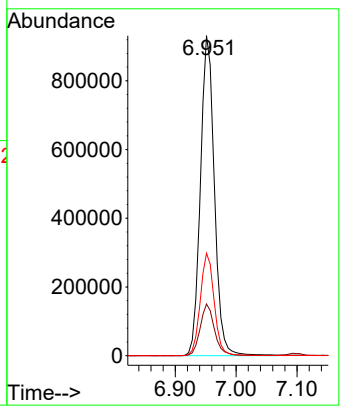


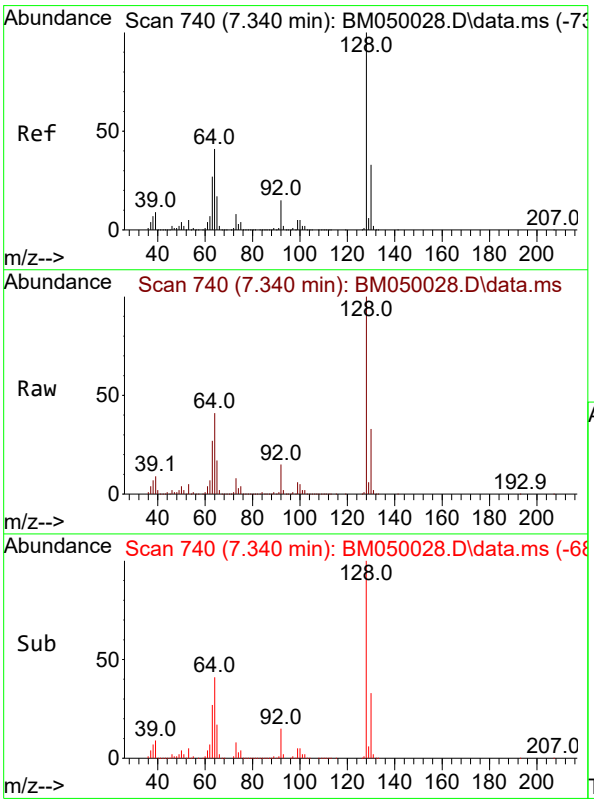
#7
Phenol-d6
Concen: 85.973 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1487856

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.0	19.4
71	32.0	25.6	38.4

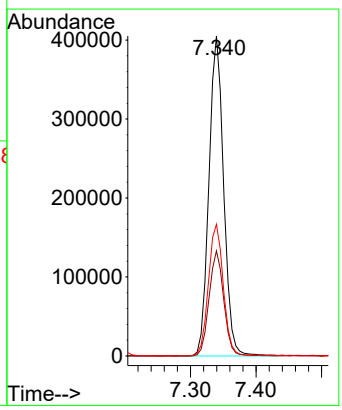


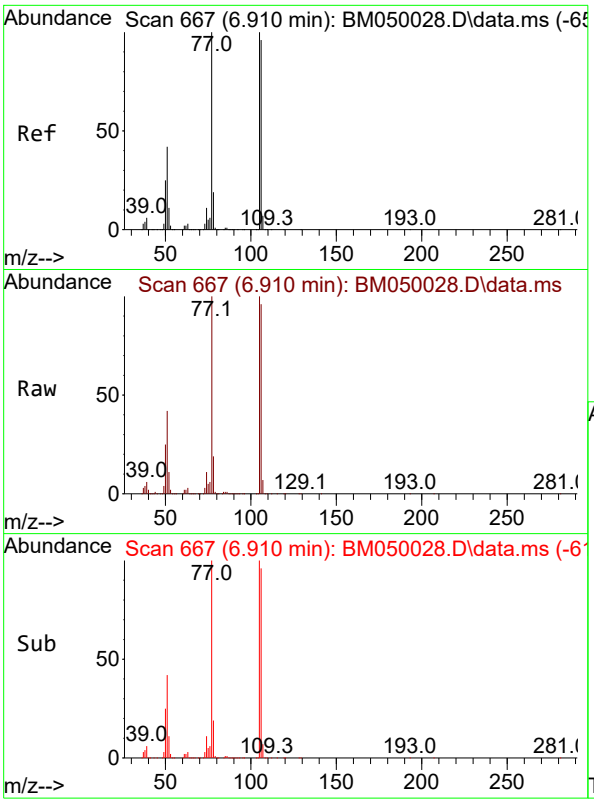


#8
2-Chlorophenol
Concen: 42.508 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:128 Resp: 632836

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.2	21.2	61.2



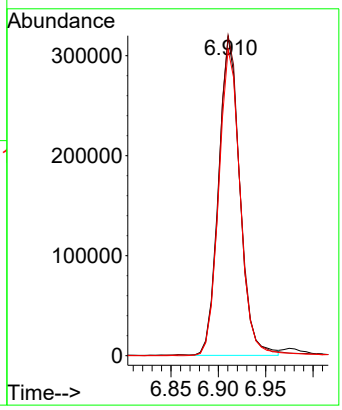


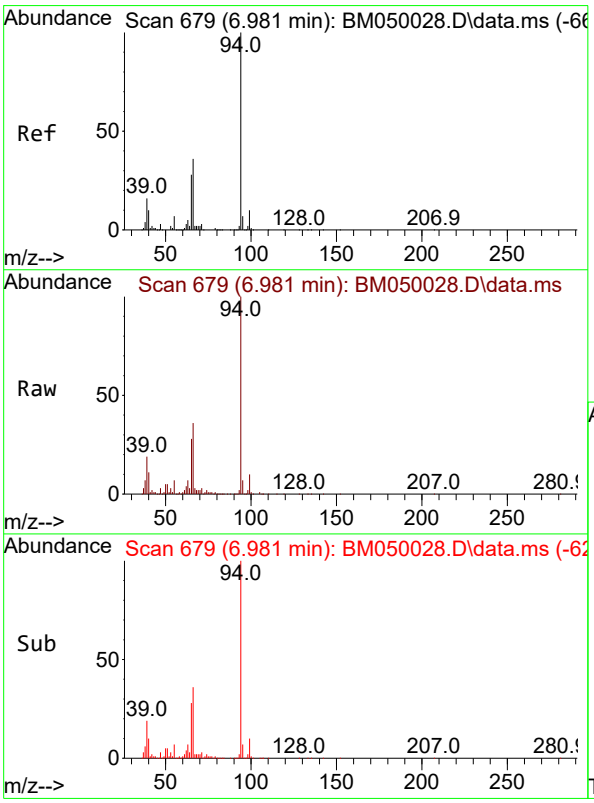
#9
Benzaldehyde
Concen: 42.981 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 497166

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	96.1	76.1	116.1

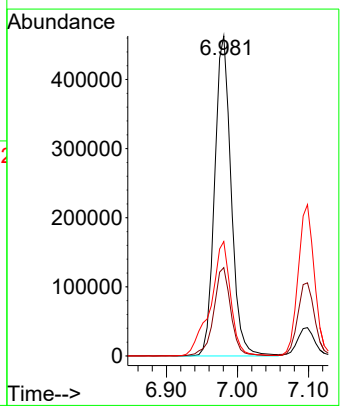


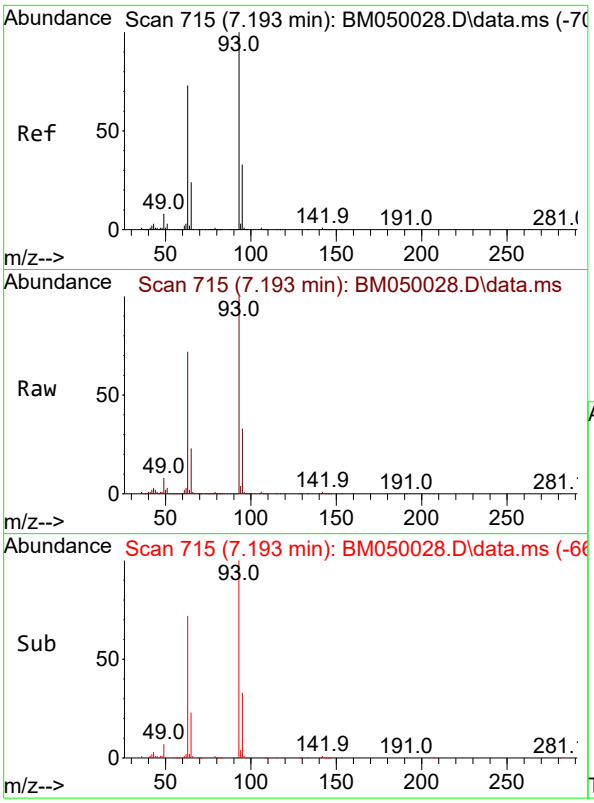


#10
Phenol
Concen: 42.370 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 94 Resp: 742305

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.6	47.6
66	35.8	15.8	55.8



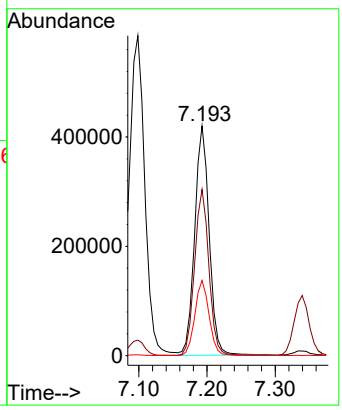


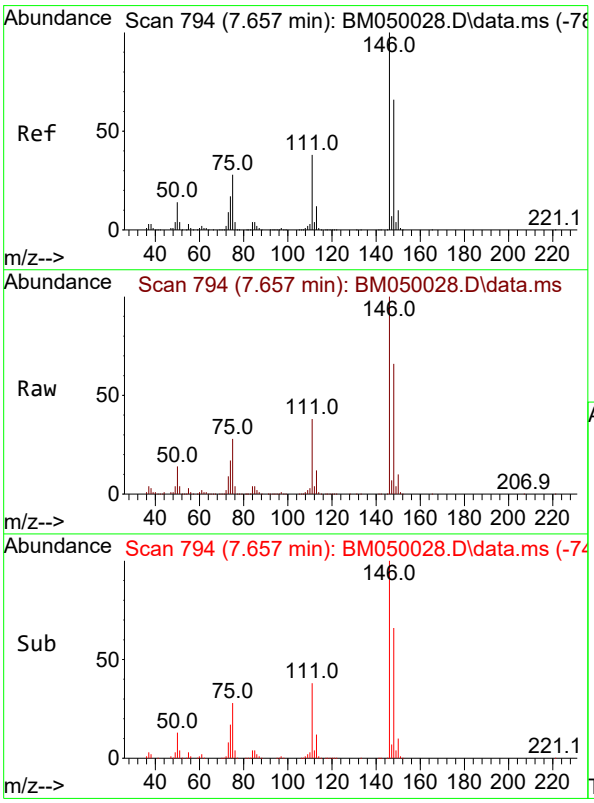
#11
bis(2-Chloroethyl)ether
Concen: 42.166 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 616851

Ion	Ratio	Lower	Upper
93	100		
63	72.3	52.3	92.3
95	32.8	12.8	52.8

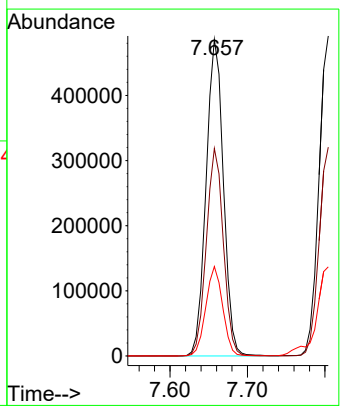


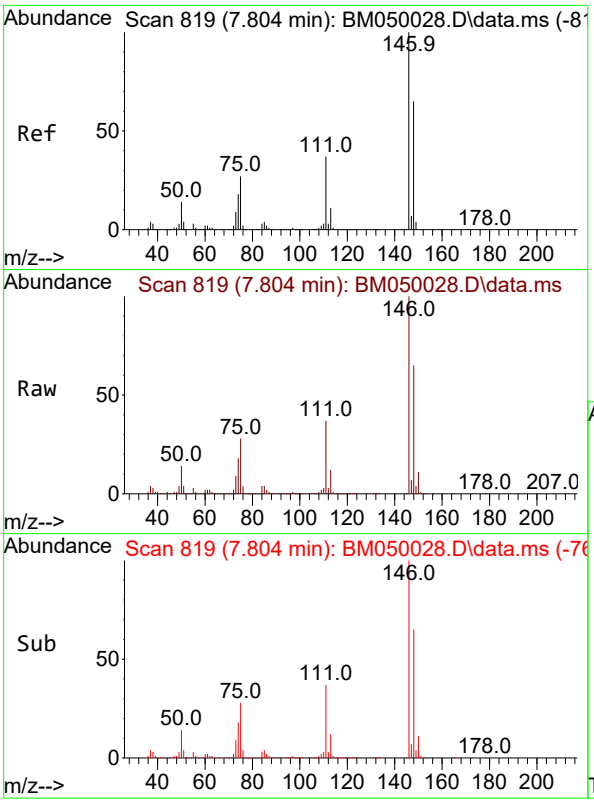


#12
1,3-Dichlorobenzene
Concen: 41.979 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 754937

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
75	28.3	22.6	34.0



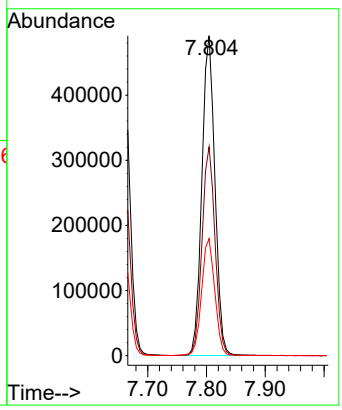


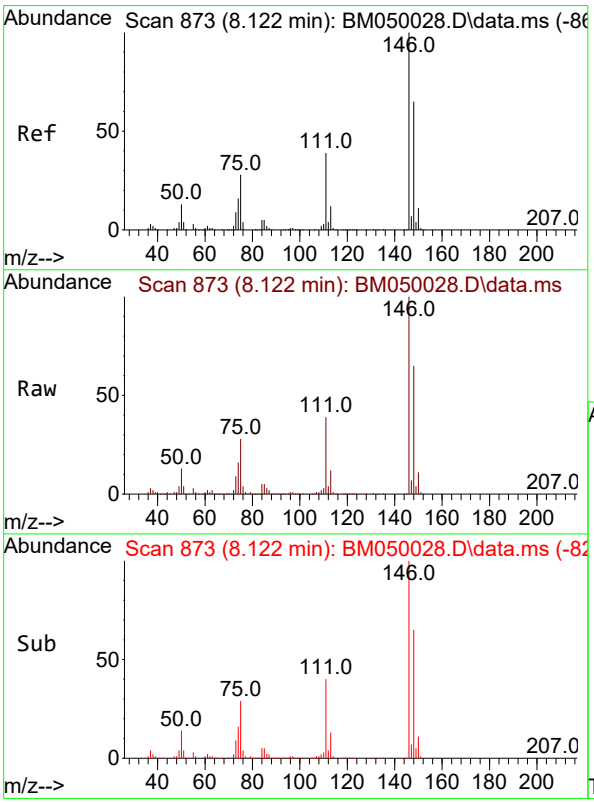
#13
1,4-Dichlorobenzene
Concen: 41.677 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 752959

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.6	29.3	43.9

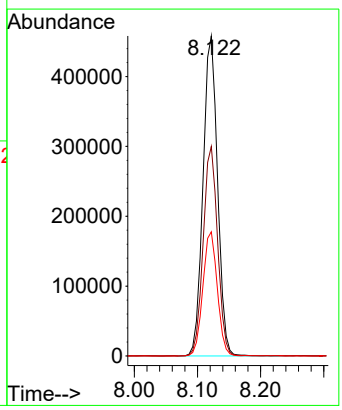


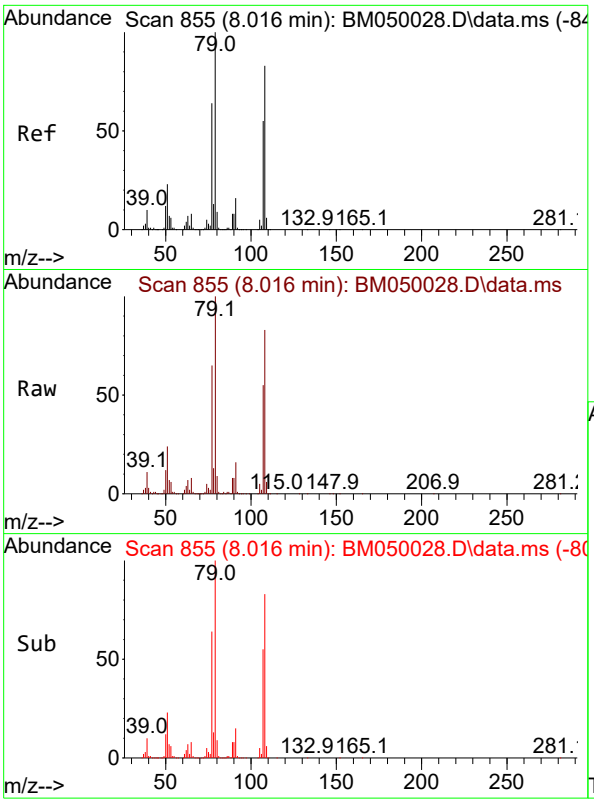


#14
1,2-Dichlorobenzene
Concen: 42.050 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:146 Resp: 733848

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
111	38.8	31.0	46.6



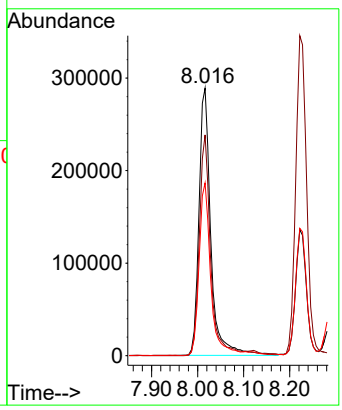


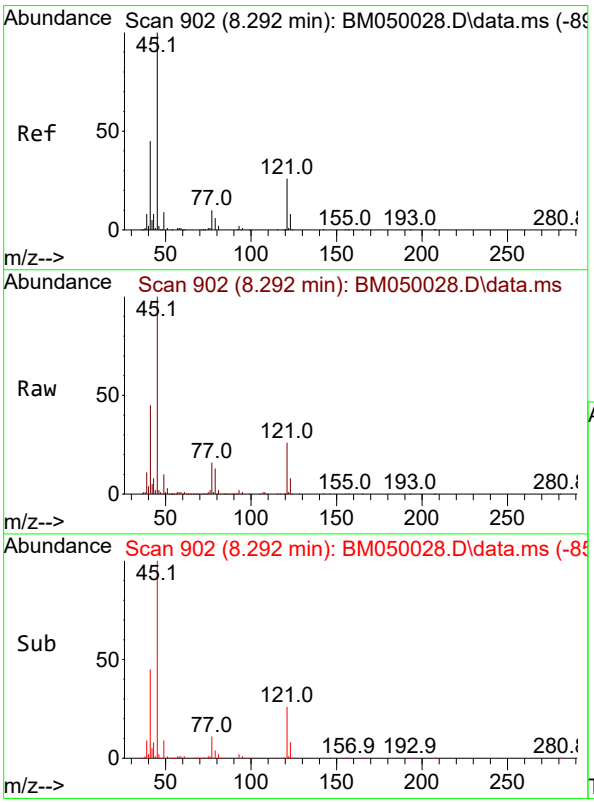
#15
Benzyl Alcohol
Concen: 43.413 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 521025

Ion	Ratio	Lower	Upper
79	100		
108	82.5	66.0	99.0
77	64.5	51.6	77.4

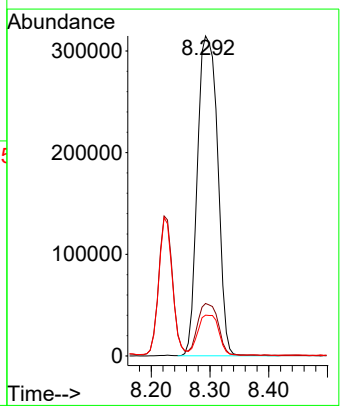


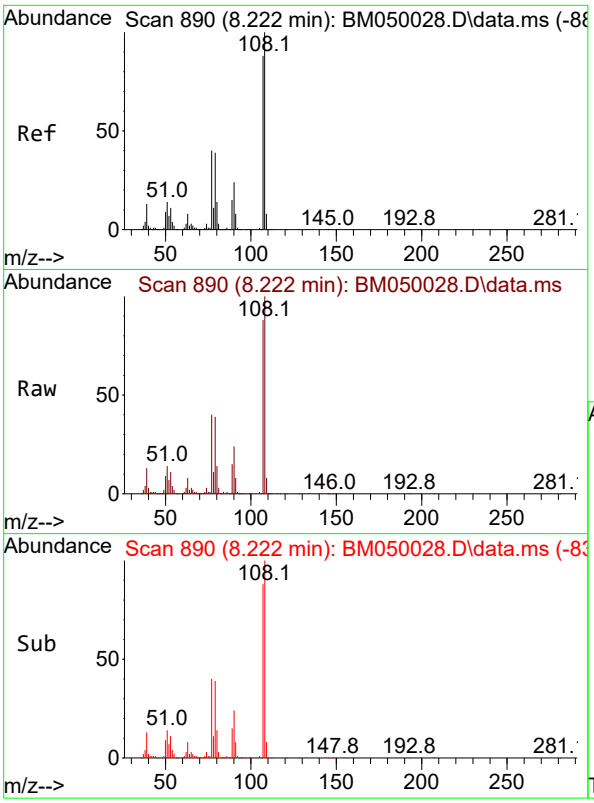


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.085 ng
RT: 8.292 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 45 Resp: 748400

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



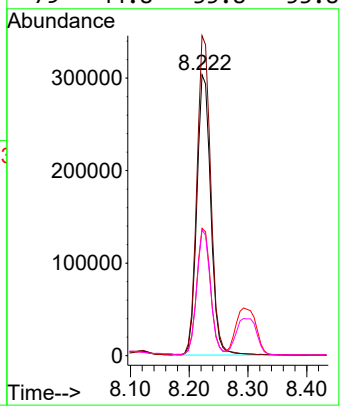


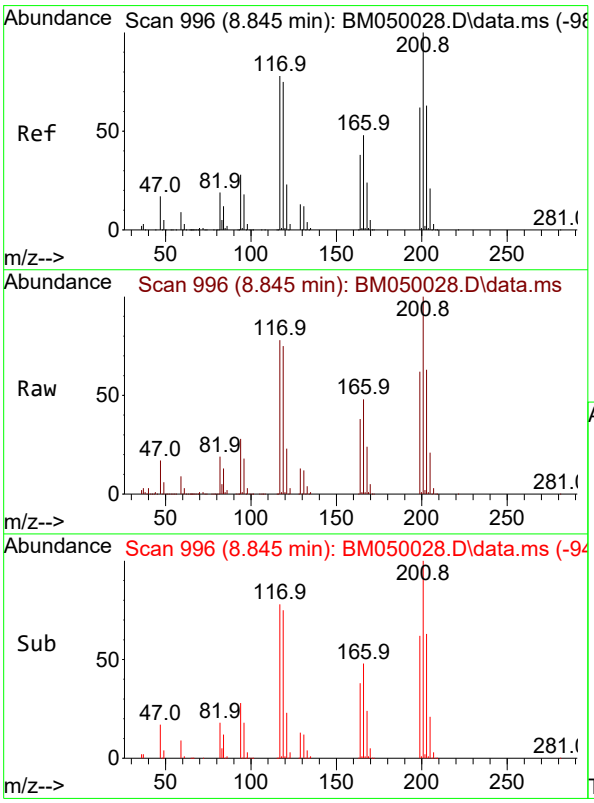
#17
2-Methylphenol
Concen: 43.149 ng
RT: 8.222 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 498005

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	45.3	36.2	54.4
79	44.8	35.8	53.8

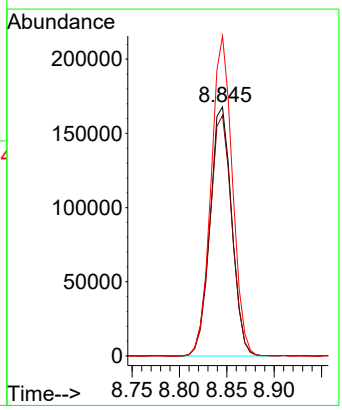


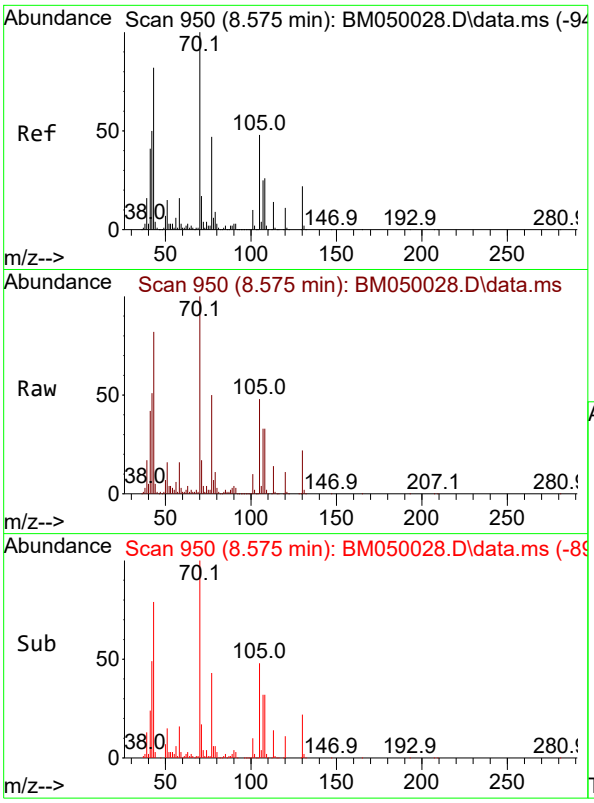


#18
Hexachloroethane
Concen: 41.780 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:117 Resp: 268328

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
201	128.5	102.8	154.2



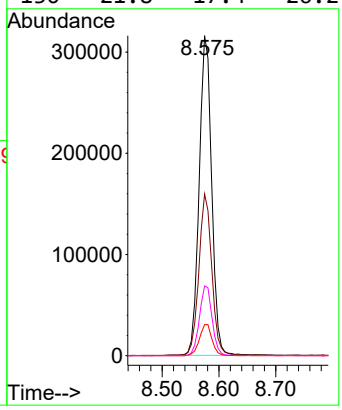


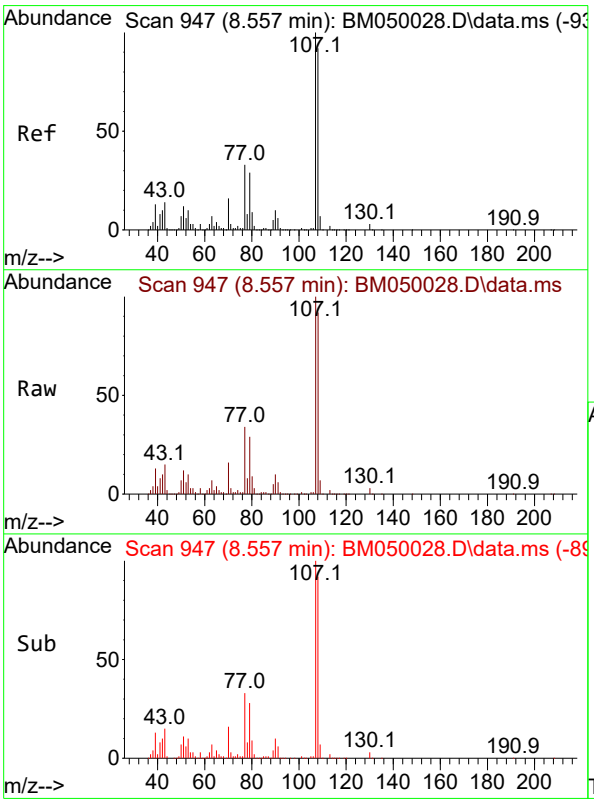
#19
n-Nitroso-di-n-propylamine
Concen: 43.579 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 483699

Ion	Ratio	Lower	Upper
70	100		
42	50.6	40.5	60.7
101	9.7	7.8	11.6
130	21.8	17.4	26.2

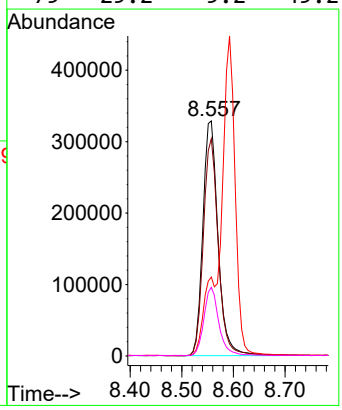


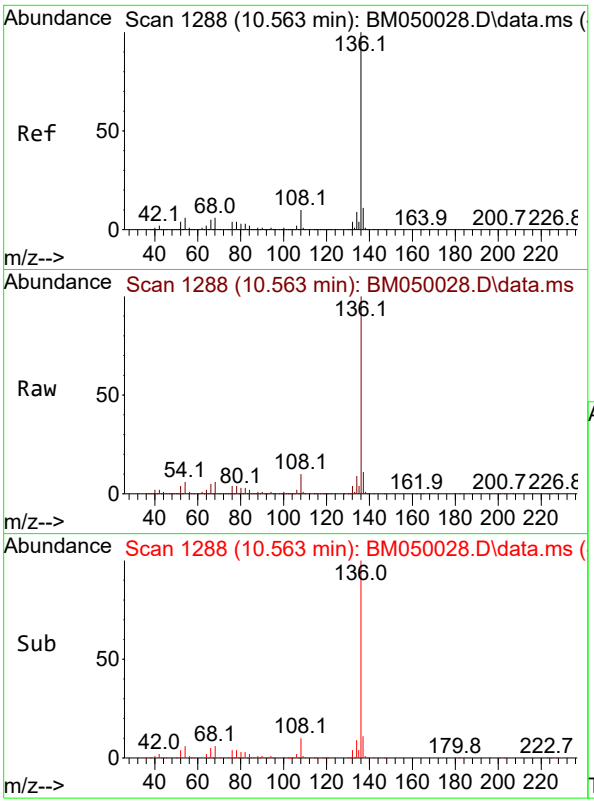


#20
3+4-Methylphenols
Concen: 43.111 ng
RT: 8.557 min Scan# 947
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 671942

Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.4	112.4
77	33.6	13.6	53.6
79	29.2	9.2	49.2



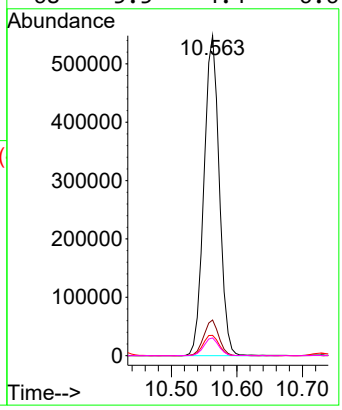


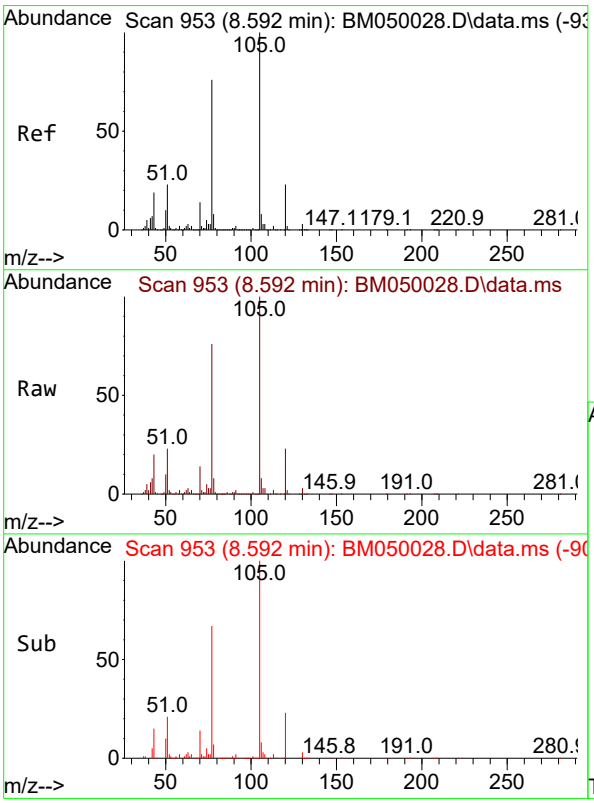
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 890488

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.4	5.1	7.7
68	5.5	4.4	6.6

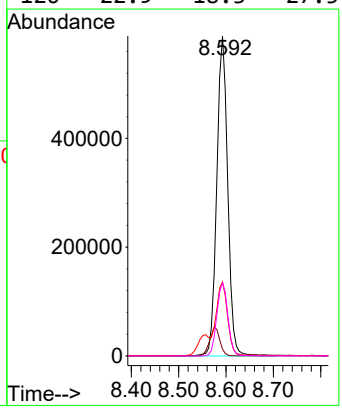


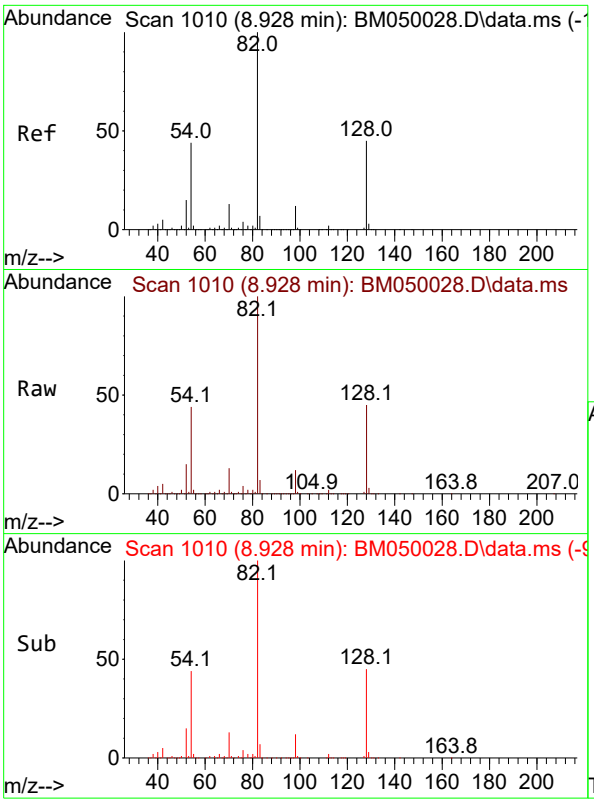


#22
Acetophenone
Concen: 42.735 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:105 Resp: 946106

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	23.2	18.6	27.8
120	22.9	18.3	27.5



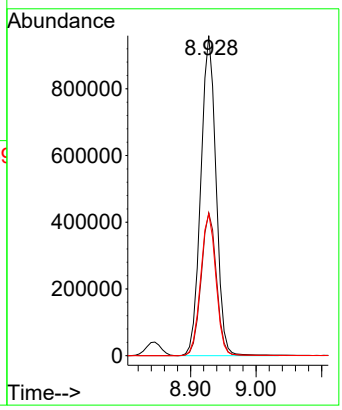


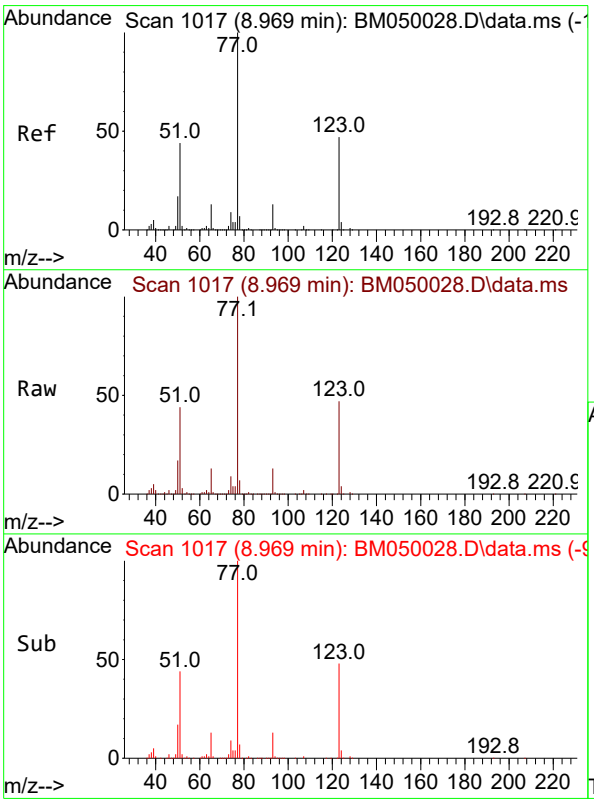
#23
Nitrobenzene-d5
Concen: 85.620 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1547270

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	44.3	35.4	53.2

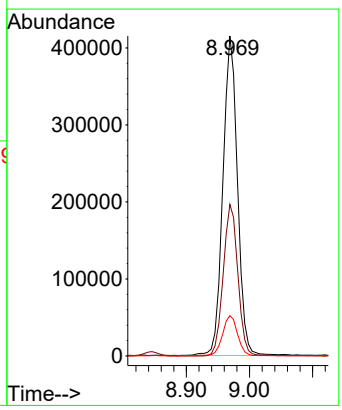


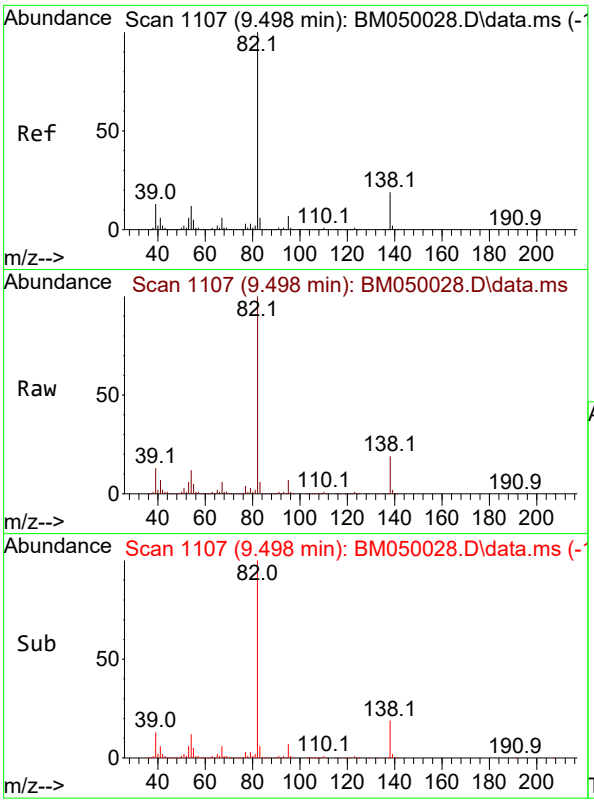


#24
Nitrobenzene
Concen: 42.625 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 77 Resp: 666034

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.9	56.9
65	12.6	10.1	15.1



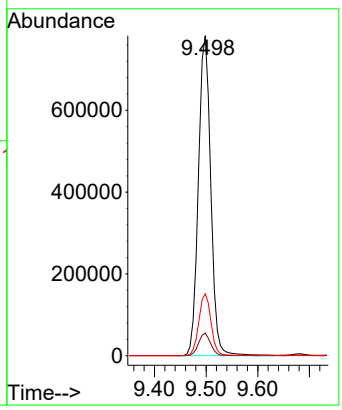


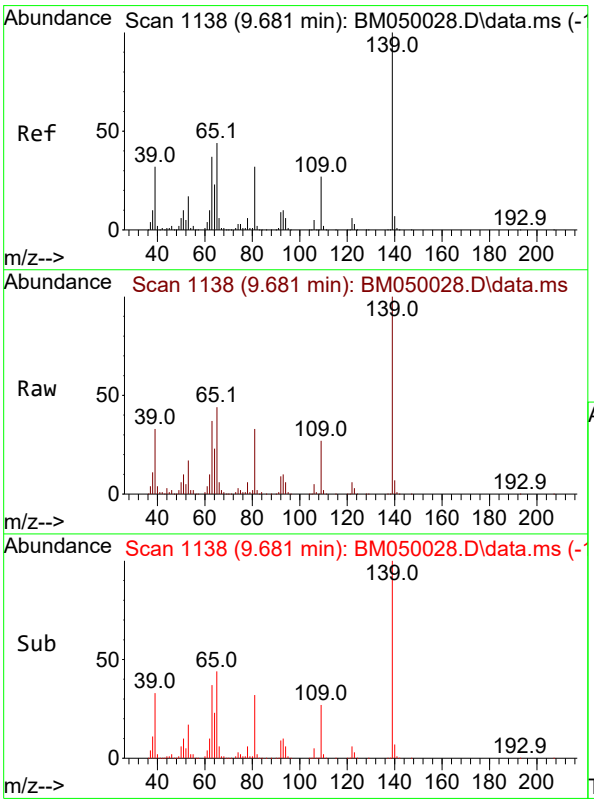
#25
Isophorone
Concen: 42.156 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1298577

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.7	8.5
138	19.4	15.5	23.3

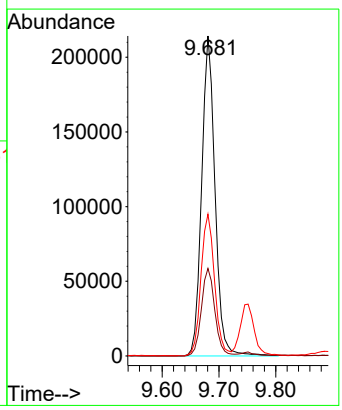


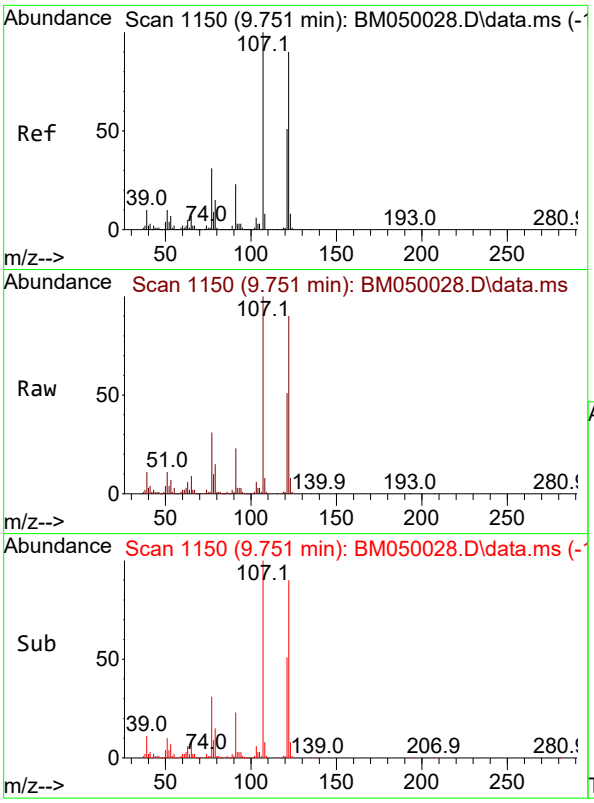


#26
2-Nitrophenol
Concen: 43.827 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 349855

Ion	Ratio	Lower	Upper
139	100		
109	27.4	21.9	32.9
65	44.3	35.4	53.2



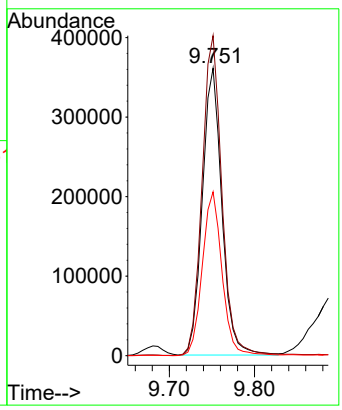


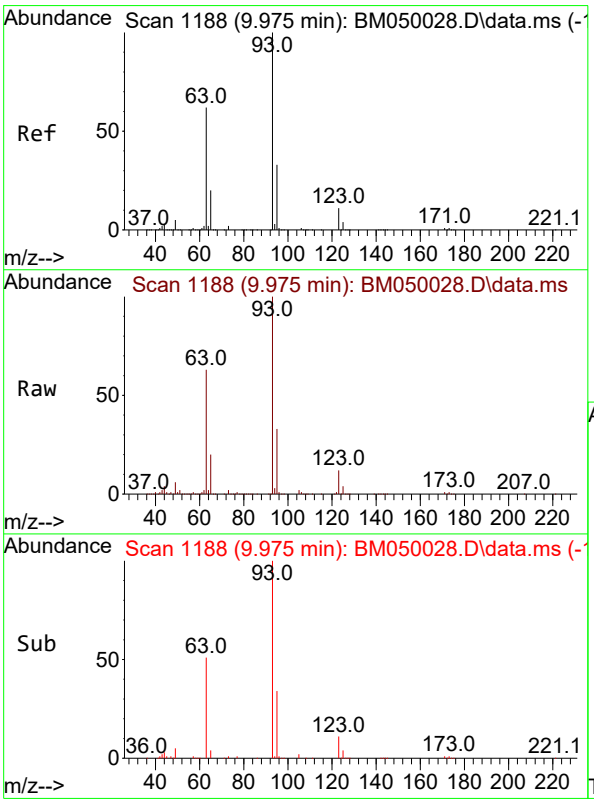
#27
2,4-Dimethylphenol
Concen: 43.552 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 576549

Ion	Ratio	Lower	Upper
122	100		
107	111.3	89.0	133.6
121	57.0	45.6	68.4

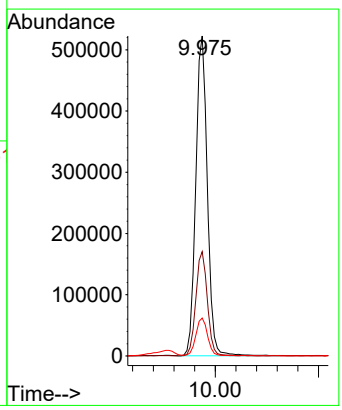


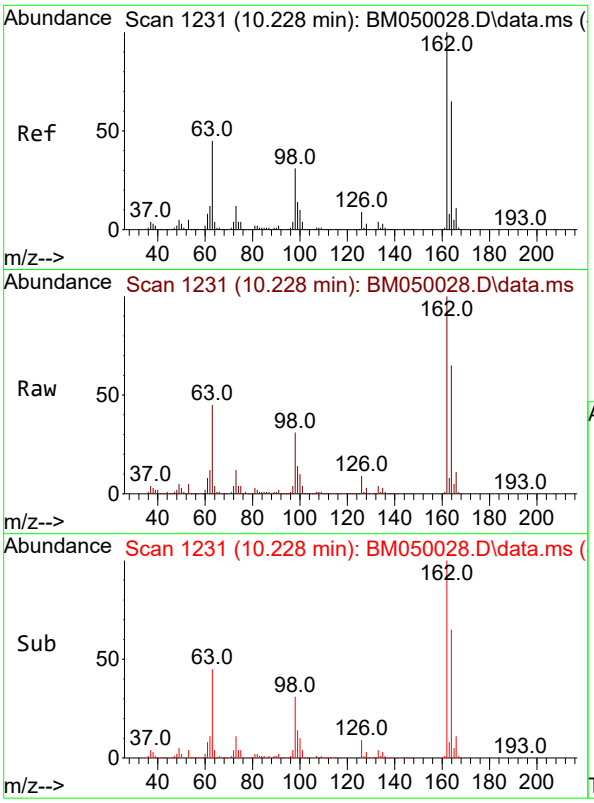


#28
bis(2-Chloroethoxy)methane
Concen: 42.518 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 93 Resp: 809528

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.9	9.5	14.3



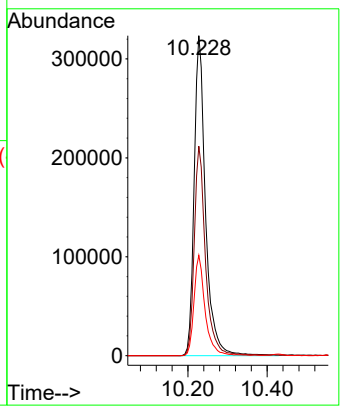


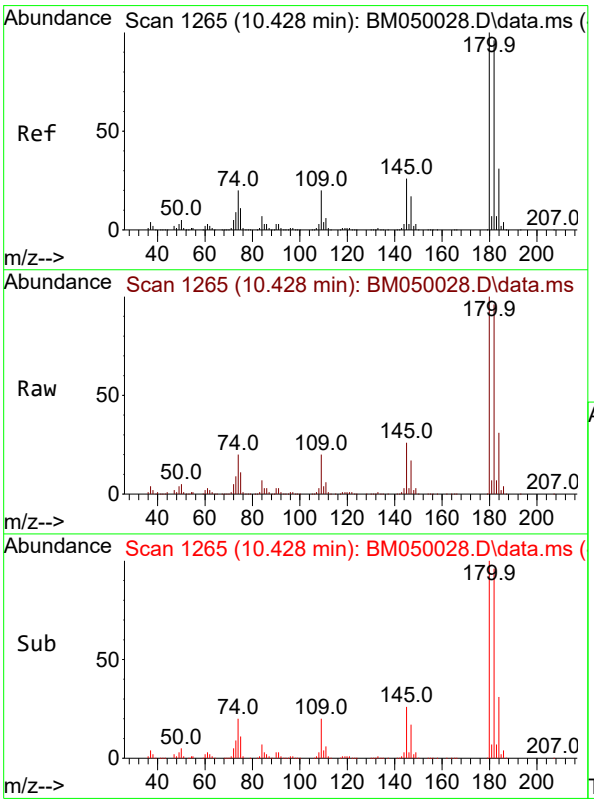
#29
2,4-Dichlorophenol
Concen: 43.461 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 644546

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	31.3	11.3	51.3

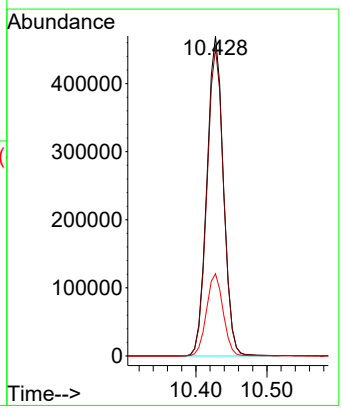


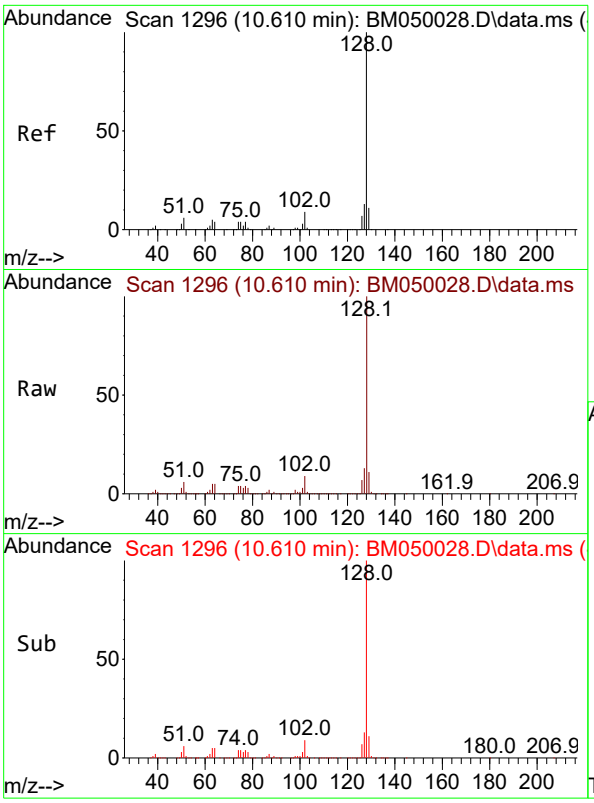


#30
1,2,4-Trichlorobenzene
Concen: 42.060 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:180 Resp: 759987

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	25.7	20.6	30.8



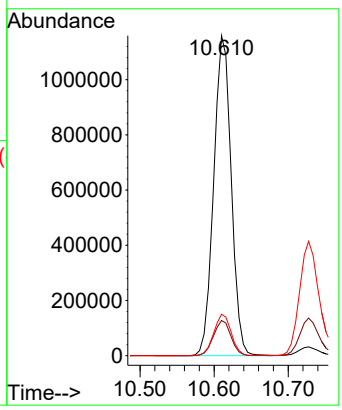


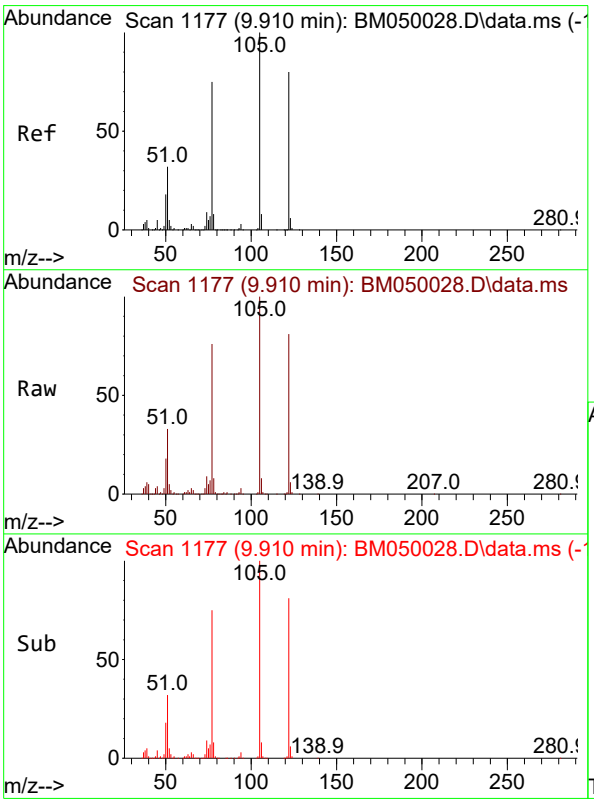
#31
Naphthalene
Concen: 42.100 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1898588

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

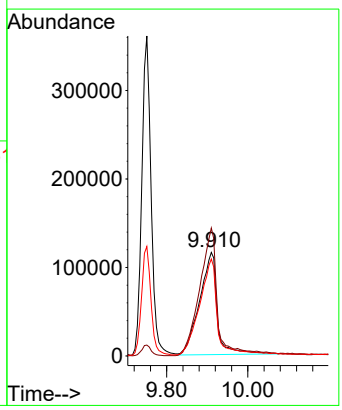


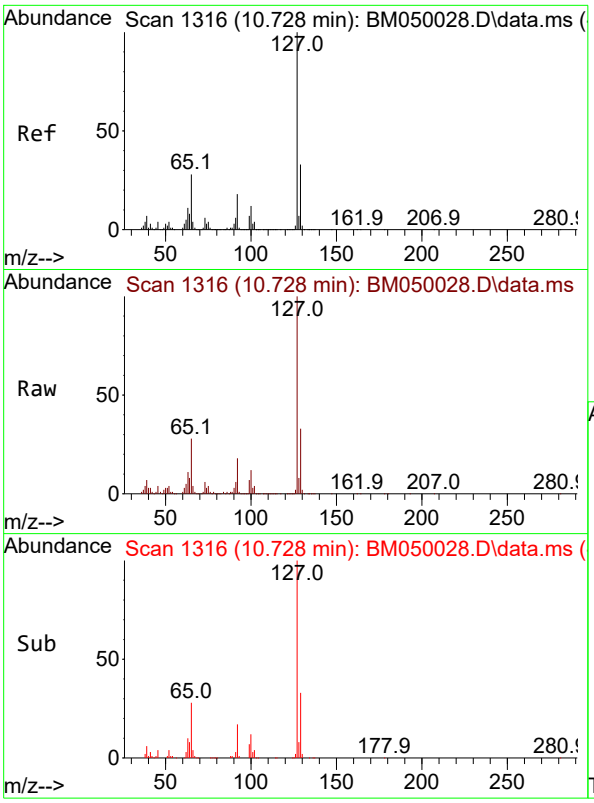


#32
Benzoic acid
Concen: 41.613 ng
RT: 9.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:122 Resp: 351345

Ion	Ratio	Lower	Upper
122	100		
105	123.6	103.6	143.6
77	93.7	73.7	113.7



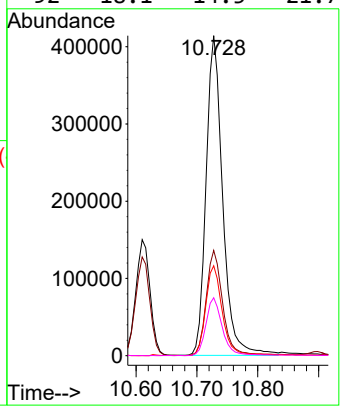


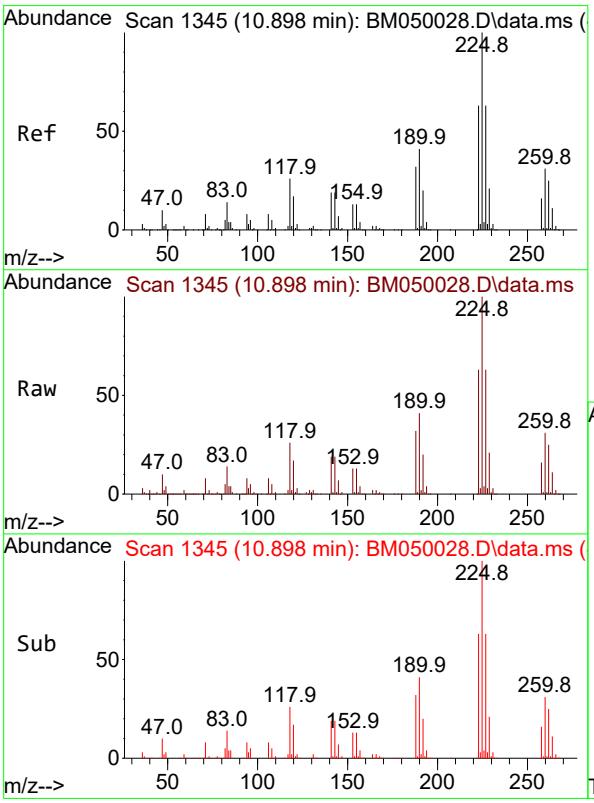
#33
4-Chloroaniline
Concen: 42.448 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 784625

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.1	22.5	33.7
92	18.1	14.5	21.7

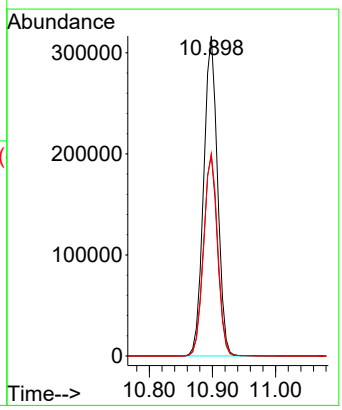


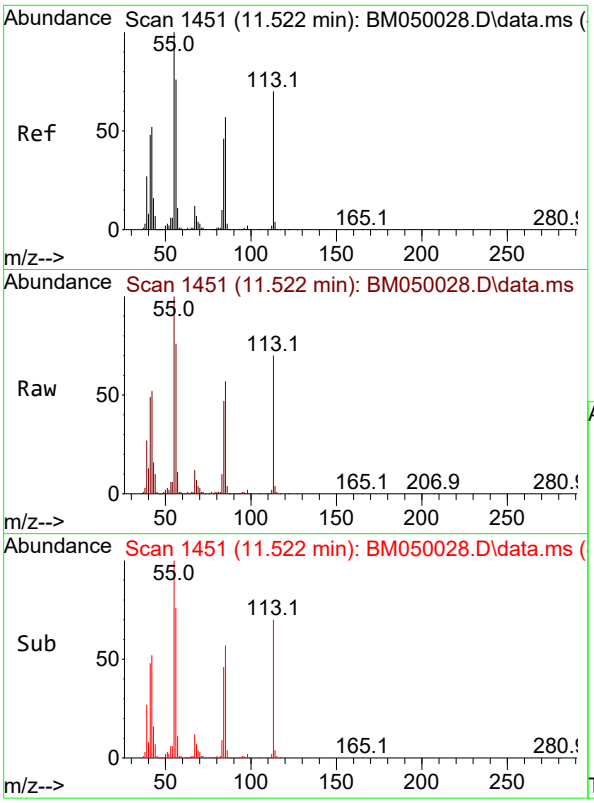


#34
Hexachlorobutadiene
Concen: 41.981 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:225 Resp: 481510

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.3	50.6	76.0



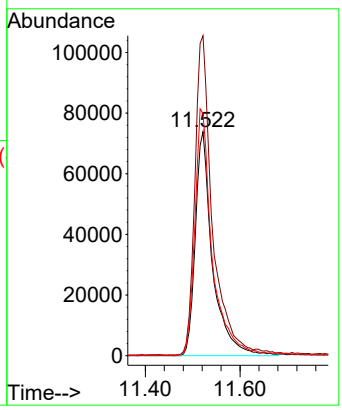


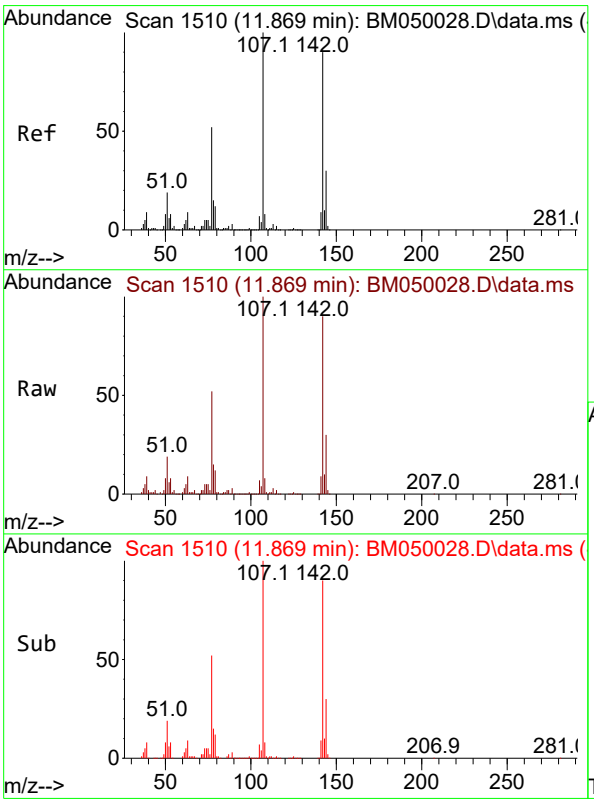
#35
Caprolactam
Concen: 43.010 ng
RT: 11.522 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 185984

Ion	Ratio	Lower	Upper
113	100		
55	142.9	122.9	162.9
56	108.1	88.1	128.1

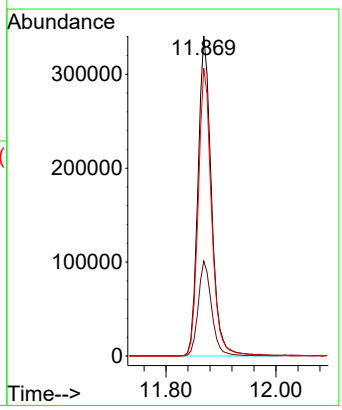


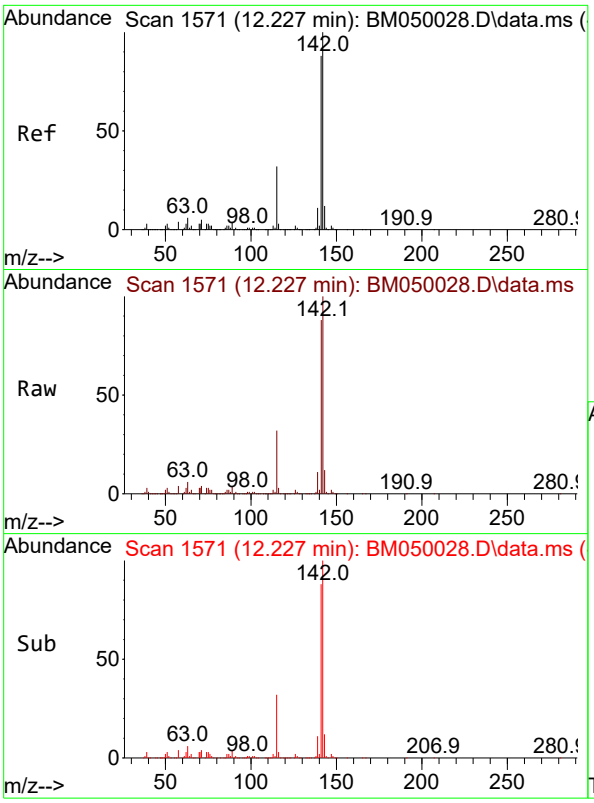


#36
4-Chloro-3-methylphenol
Concen: 42.293 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:107 Resp: 579492

Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	89.9	71.9	107.9



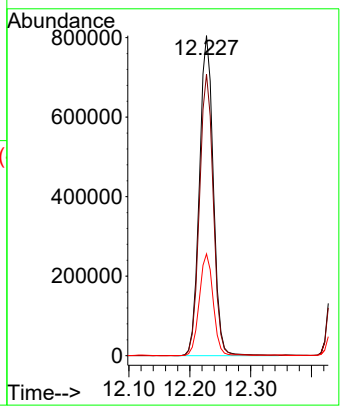


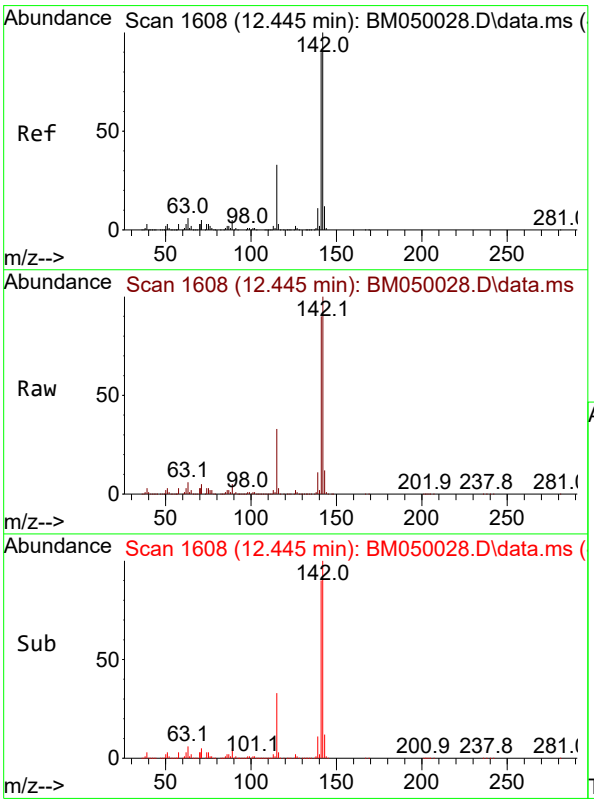
#37
2-Methylnaphthalene
Concen: 41.973 ng
RT: 12.227 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1269061

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2

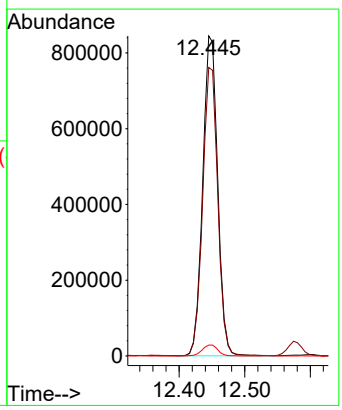


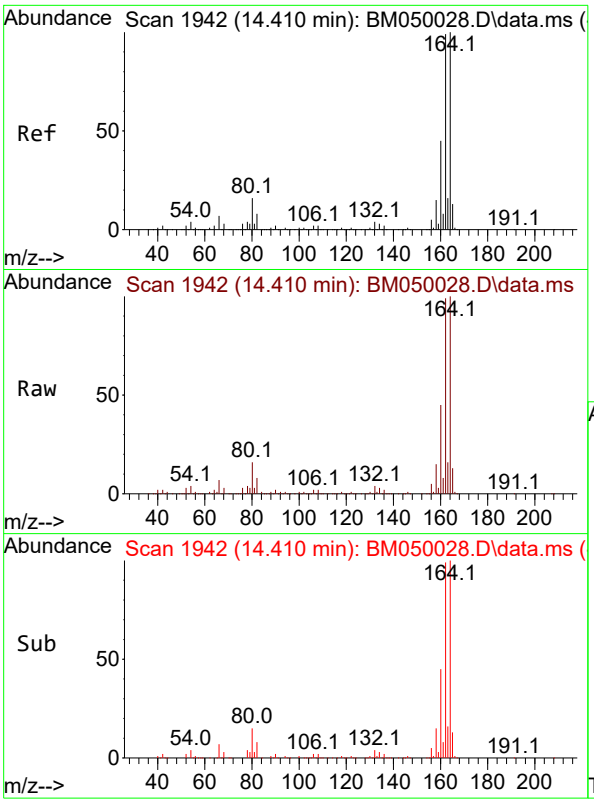


#38
1-Methylnaphthalene
Concen: 41.928 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:142 Resp: 1341577

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.1	108.1
116	3.4	2.7	4.1



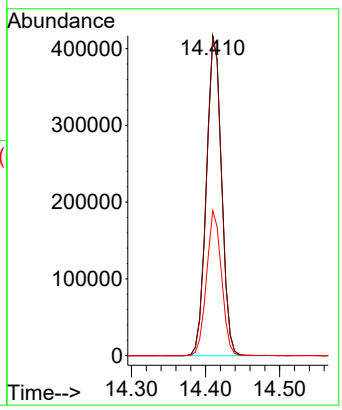


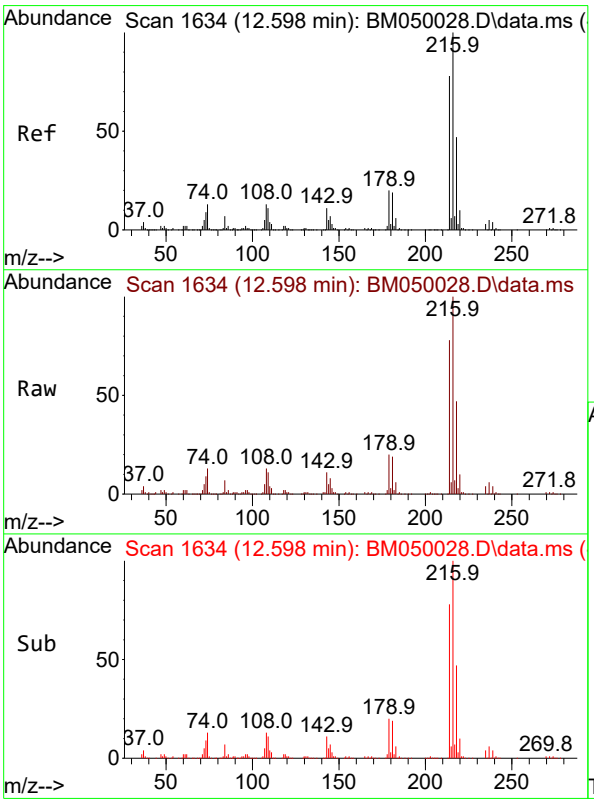
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 591599

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.4	119.0
160	45.3	36.2	54.4

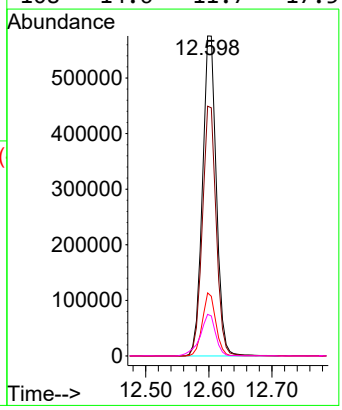


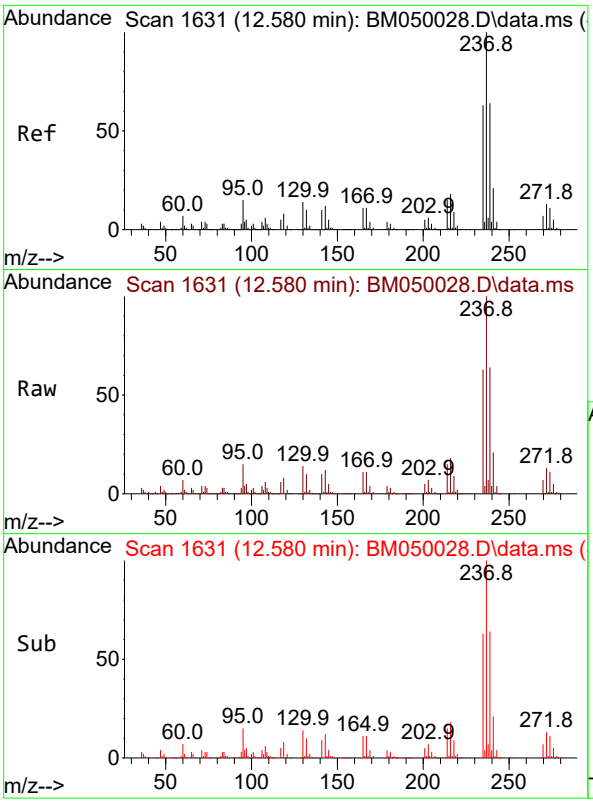


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.894 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:216 Resp: 878448

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	19.2	15.4	23.0
108	14.6	11.7	17.5



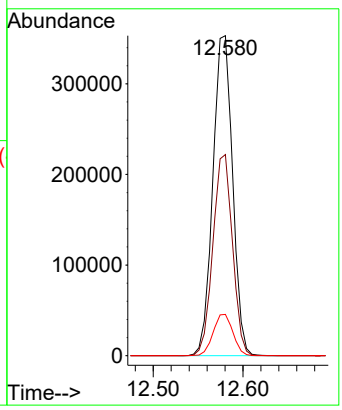


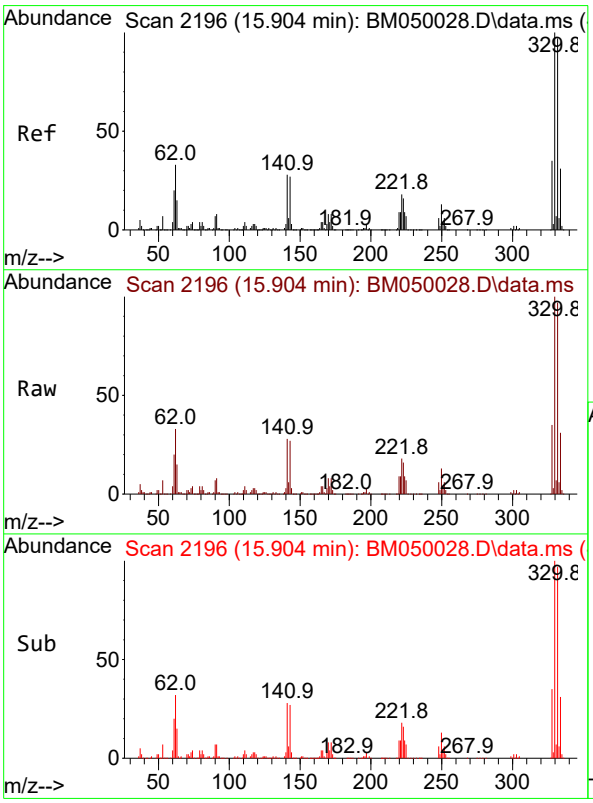
#41
Hexachlorocyclopentadiene
Concen: 43.050 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 538788

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.9	0.0	32.9

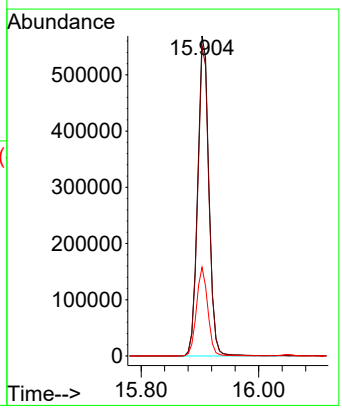


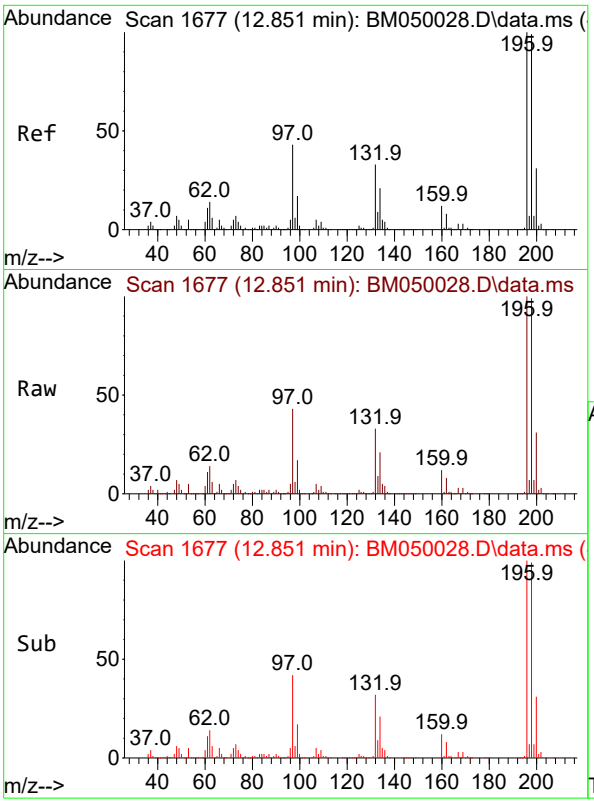


#42
2,4,6-Tribromophenol
Concen: 85.958 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:330 Resp: 751927

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	28.1	22.5	33.7



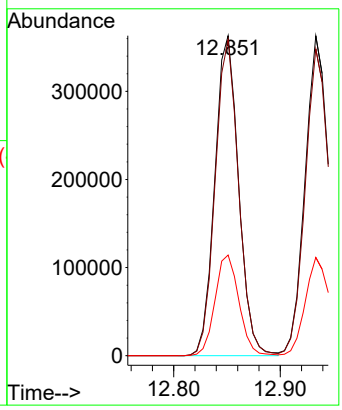


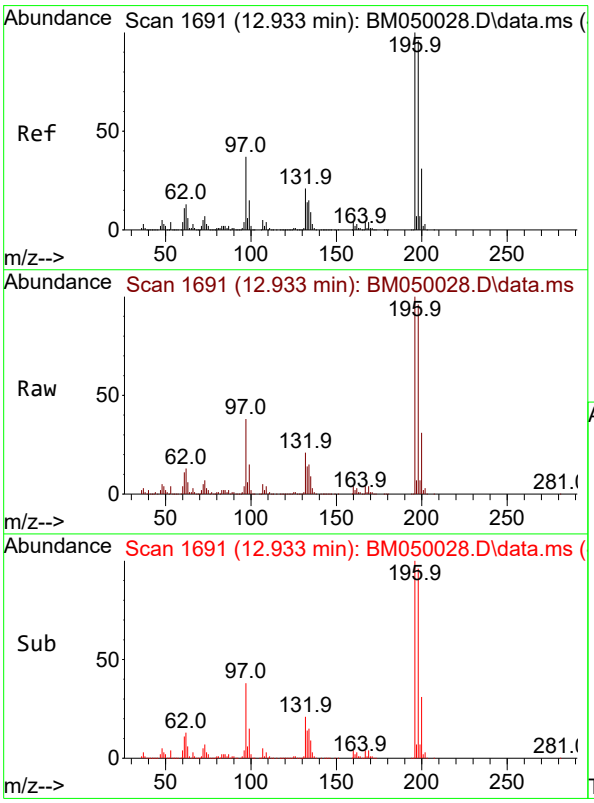
#43
2,4,6-Trichlorophenol
Concen: 43.368 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 563324

Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.0	118.6
200	31.4	25.1	37.7

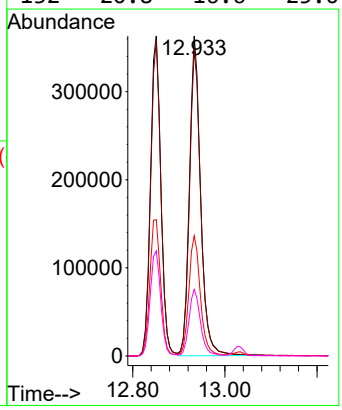


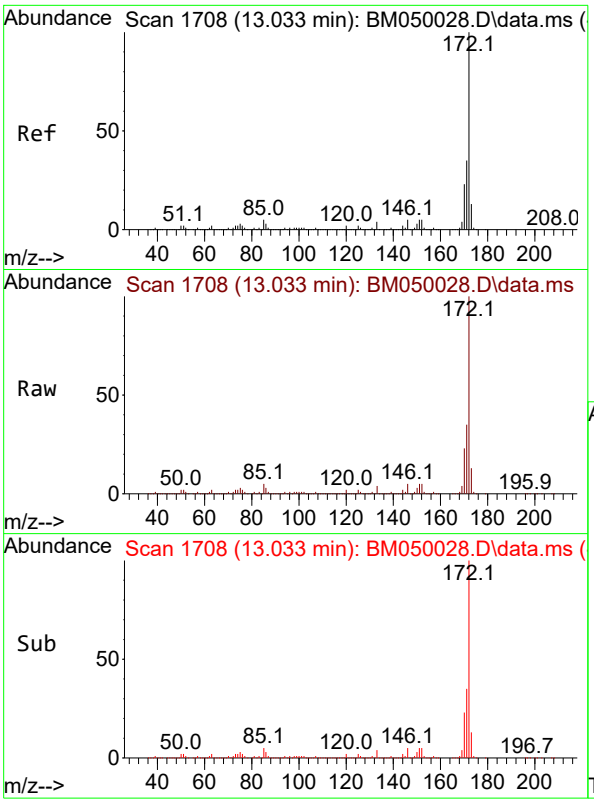


#44
2,4,5-Trichlorophenol
Concen: 43.706 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:196 Resp: 612194

Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.7	115.1
97	37.6	30.1	45.1
132	20.8	16.6	25.0



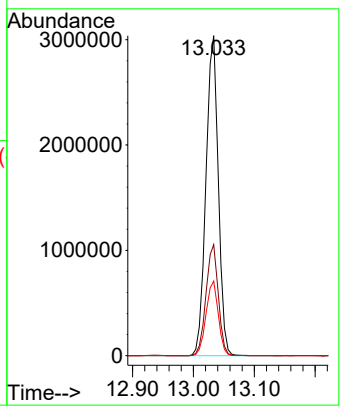


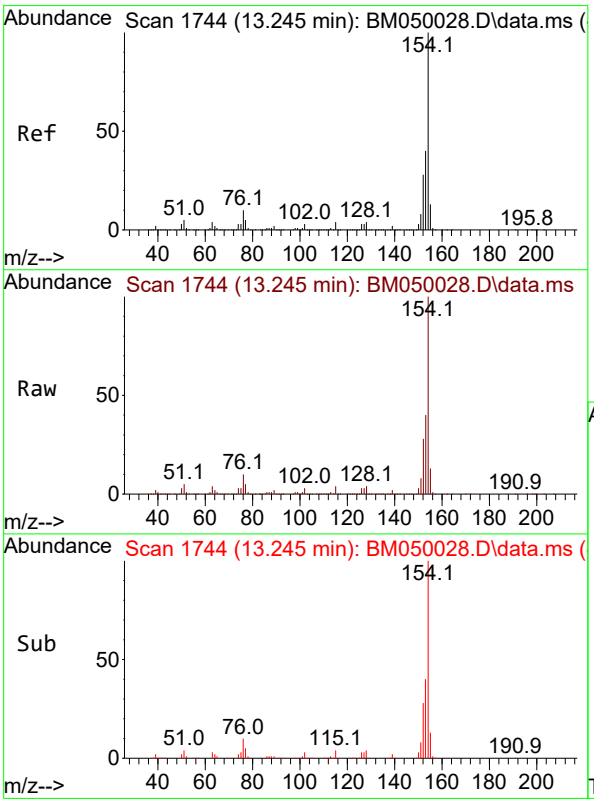
#45
2-Fluorobiphenyl
Concen: 85.489 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 4275240

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.3	18.6	28.0

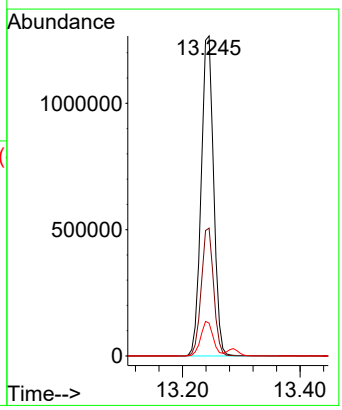


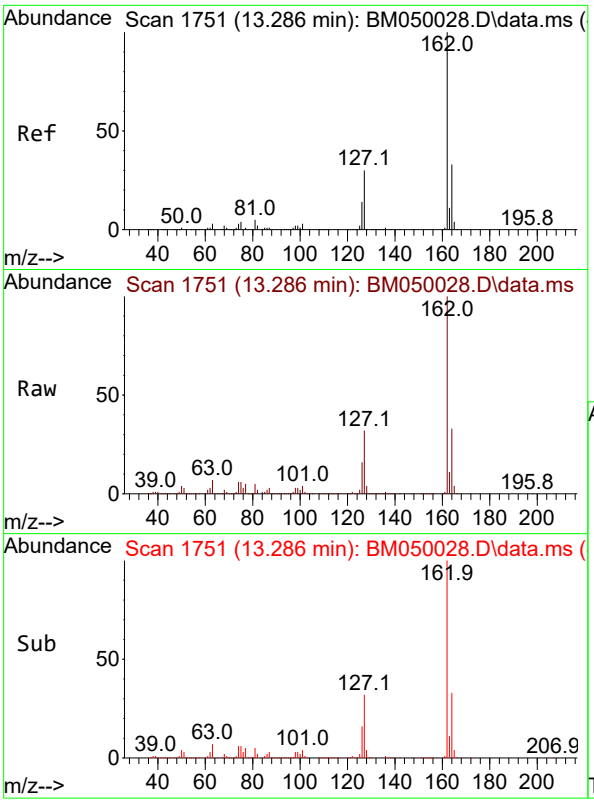


#46
1,1'-Biphenyl
Concen: 42.309 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1860581

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	10.3	0.0	30.3



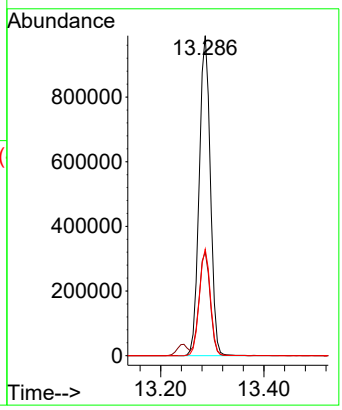


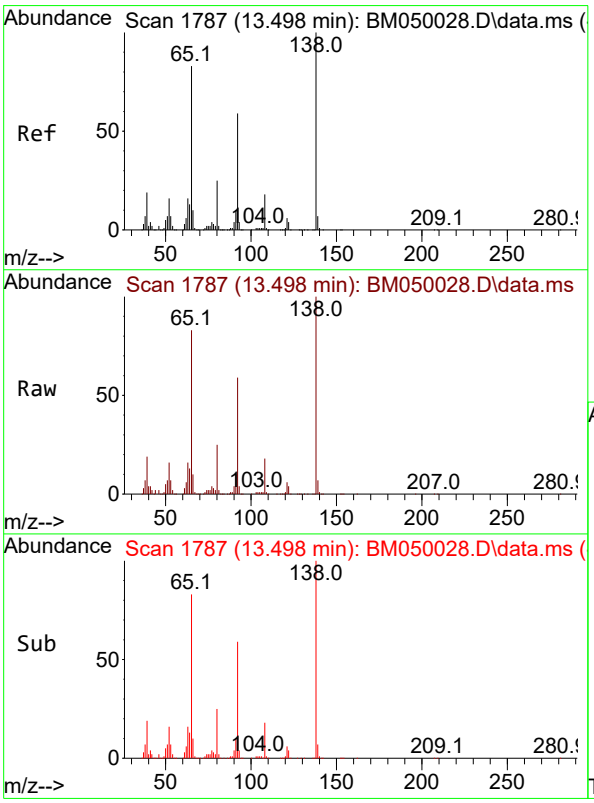
#47
2-Chloronaphthalene
Concen: 42.480 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1479560

Ion	Ratio	Lower	Upper
162	100		
127	32.4	25.9	38.9
164	33.3	26.6	40.0

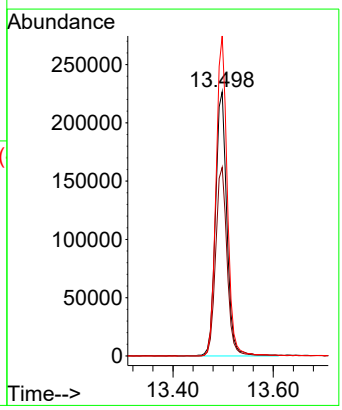


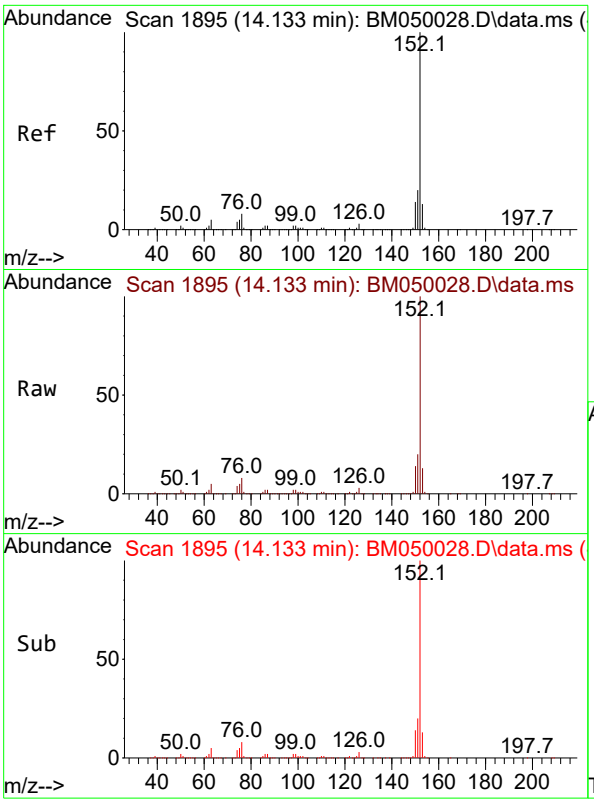


#48
2-Nitroaniline
Concen: 43.684 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion: 65 Resp: 357098

Ion	Ratio	Lower	Upper
65	100		
92	71.4	57.1	85.7
138	121.2	97.0	145.4



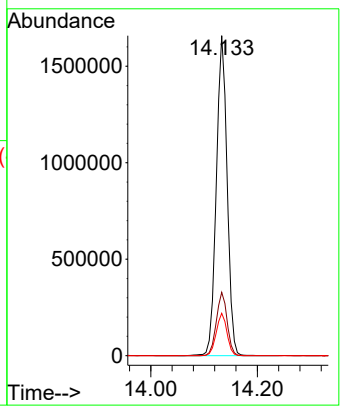


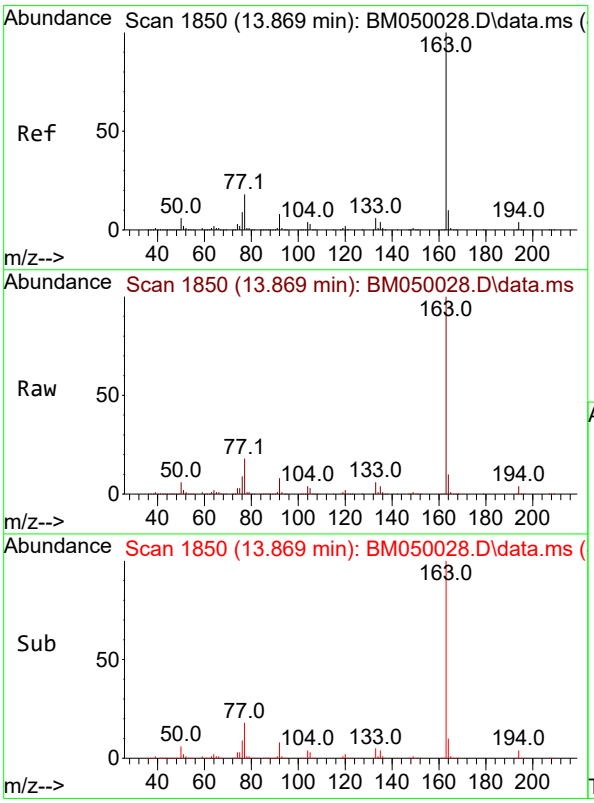
#49
Acenaphthylene
Concen: 42.478 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2332675

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	15.8

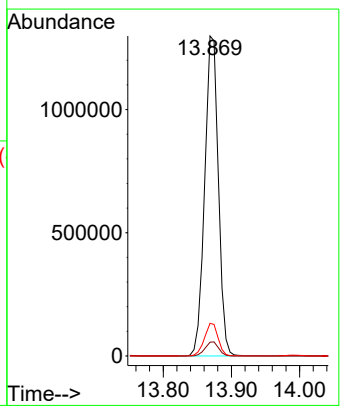


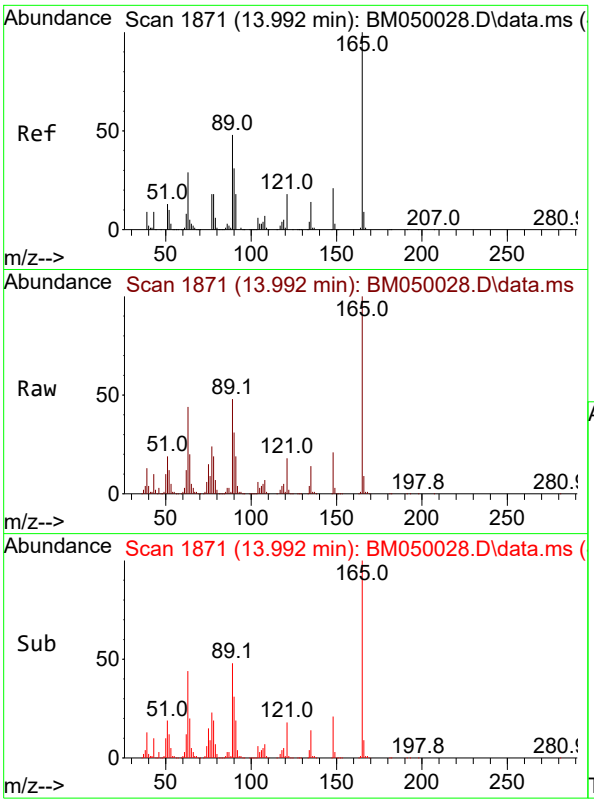


#50
Dimethylphthalate
Concen: 41.918 ng
RT: 13.869 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:163 Resp: 1812335

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2



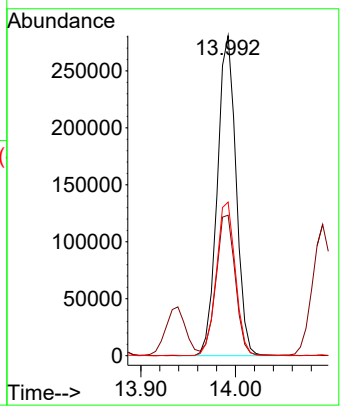


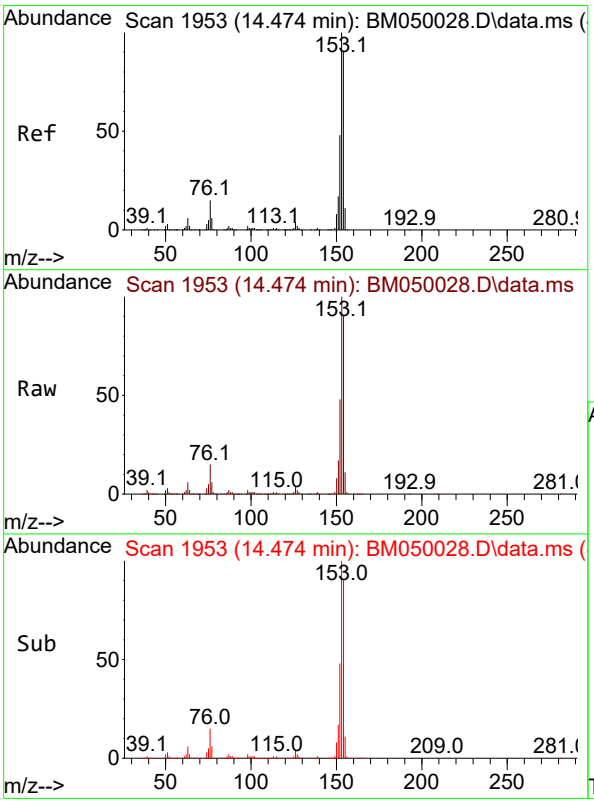
#51
2,6-Dinitrotoluene
Concen: 43.191 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 386623

Ion	Ratio	Lower	Upper
165	100		
63	43.9	35.1	52.7
89	48.0	38.4	57.6

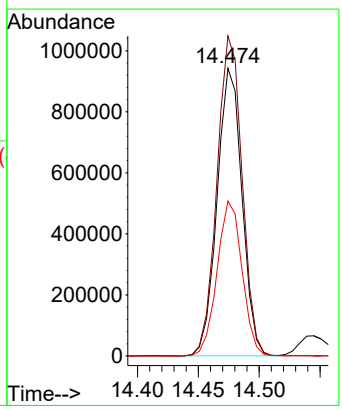


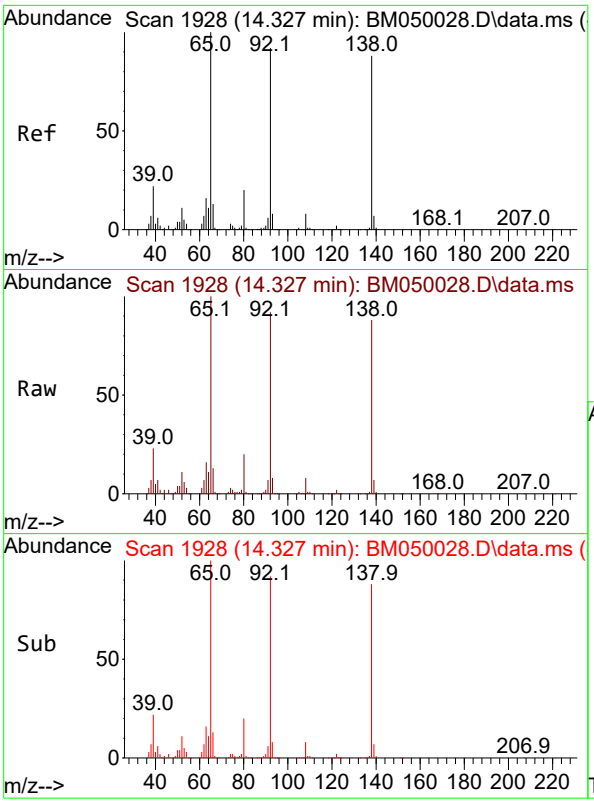


#52
Acenaphthene
Concen: 42.186 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:154 Resp: 1340946

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	53.8	43.0	64.6



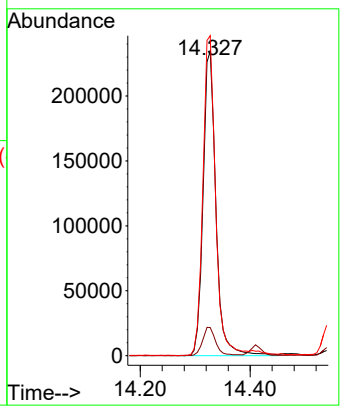


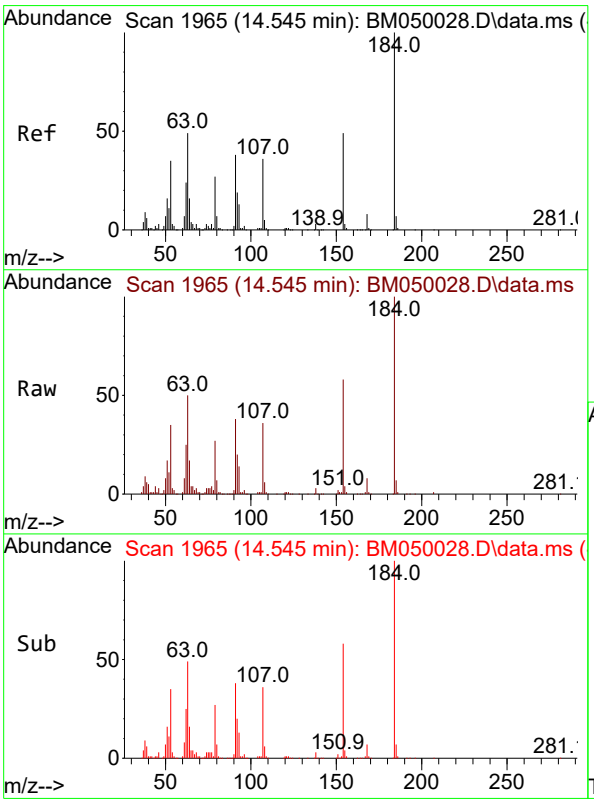
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 379359

Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	105.0	84.0	126.0

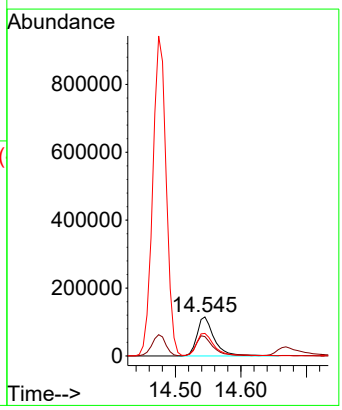


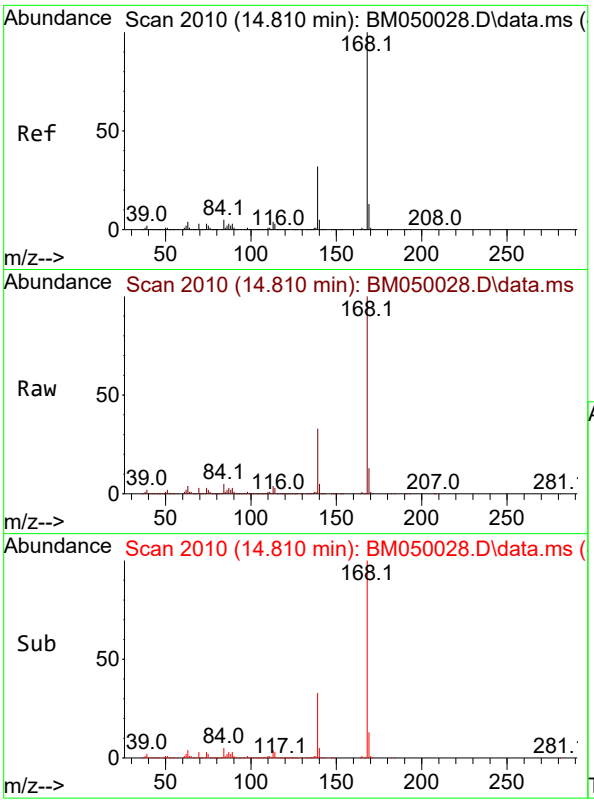


#54
2,4-Dinitrophenol
Concen: 39.788 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:184 Resp: 210115

Ion	Ratio	Lower	Upper
184	100		
63	49.7	39.8	59.6
154	57.6	46.1	69.1



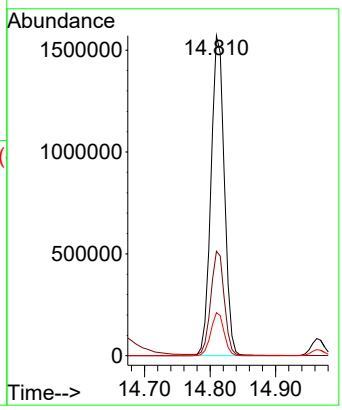


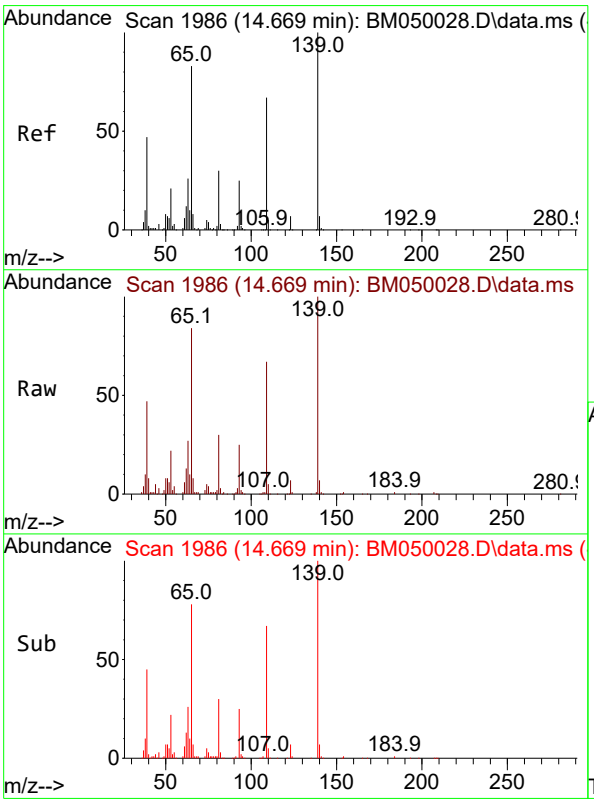
#55
Dibenzofuran
Concen: 41.961 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2219206

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

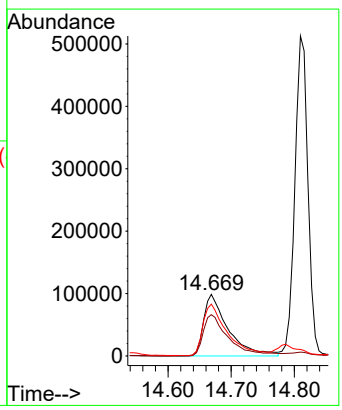


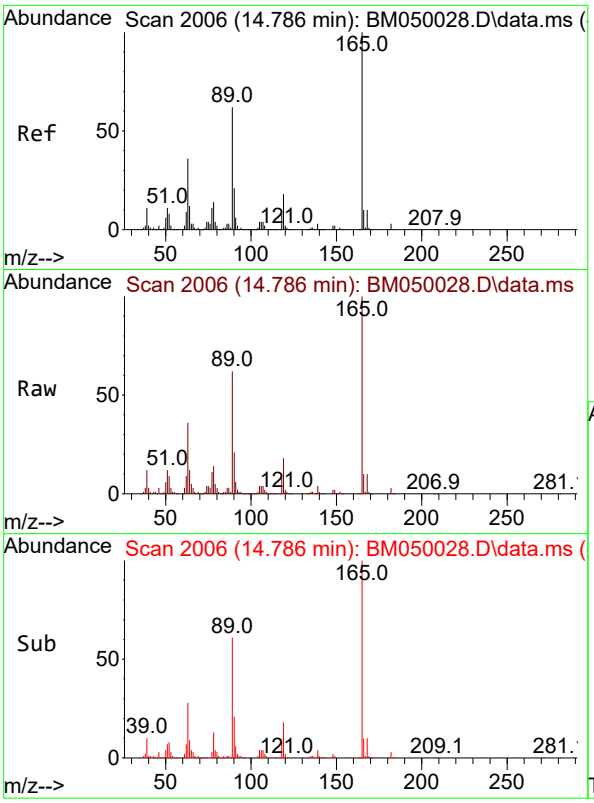


#56
4-Nitrophenol
Concen: 40.483 ng
RT: 14.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:139 Resp: 264964

Ion	Ratio	Lower	Upper
139	100		
109	67.0	47.0	87.0
65	84.3	64.3	104.3



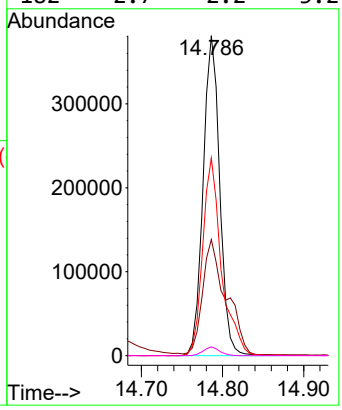


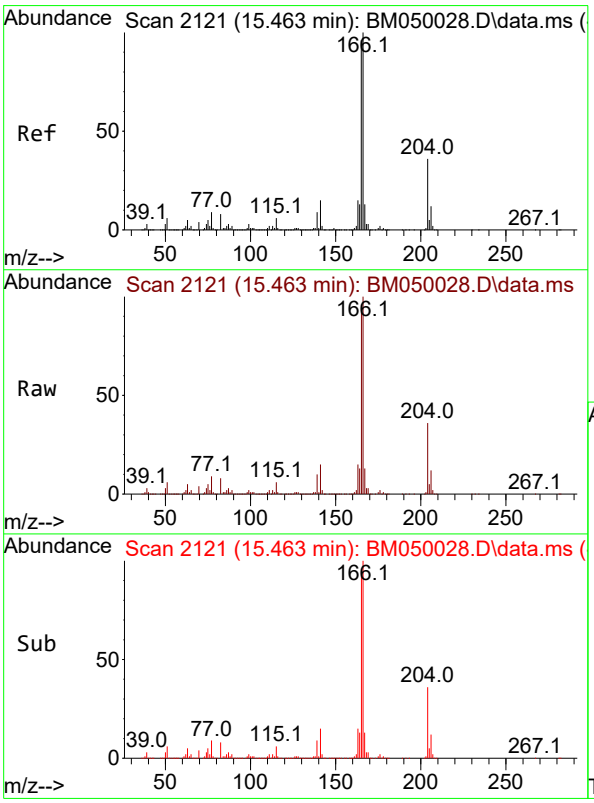
#57
2,4-Dinitrotoluene
Concen: 43.646 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 539867

Ion	Ratio	Lower	Upper
165	100		
63	36.3	29.0	43.6
89	61.8	49.4	74.2
182	2.7	2.2	3.2

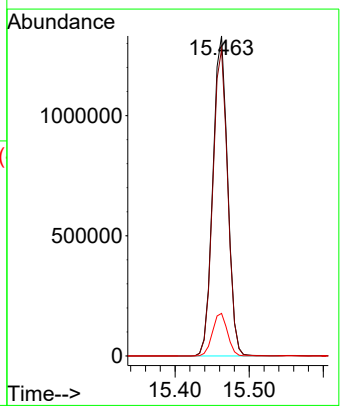


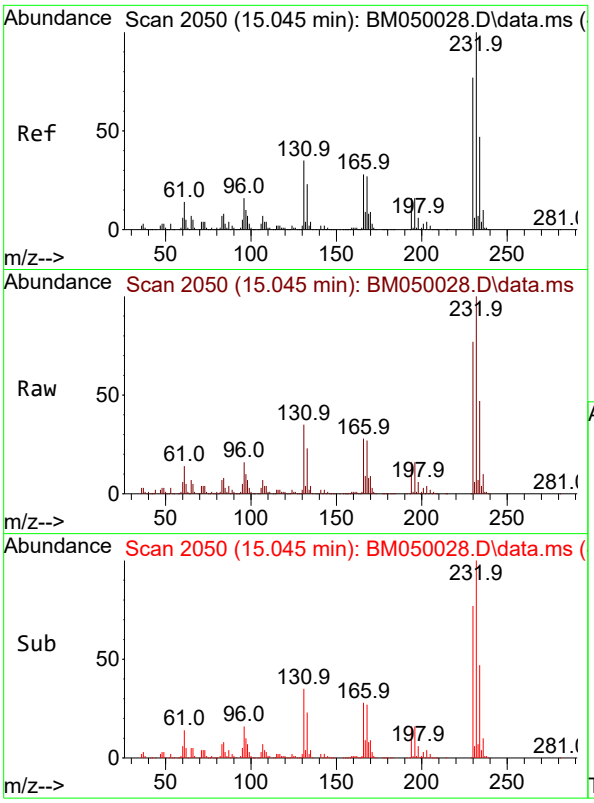


#58
Fluorene
Concen: 42.580 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:166 Resp: 1843261

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.6	115.0
167	13.3	10.6	16.0



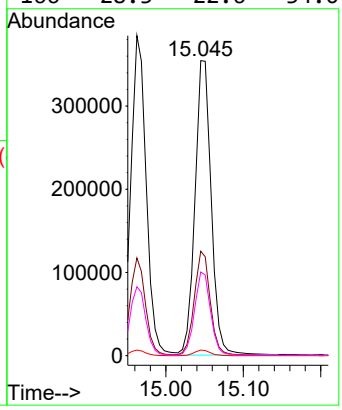


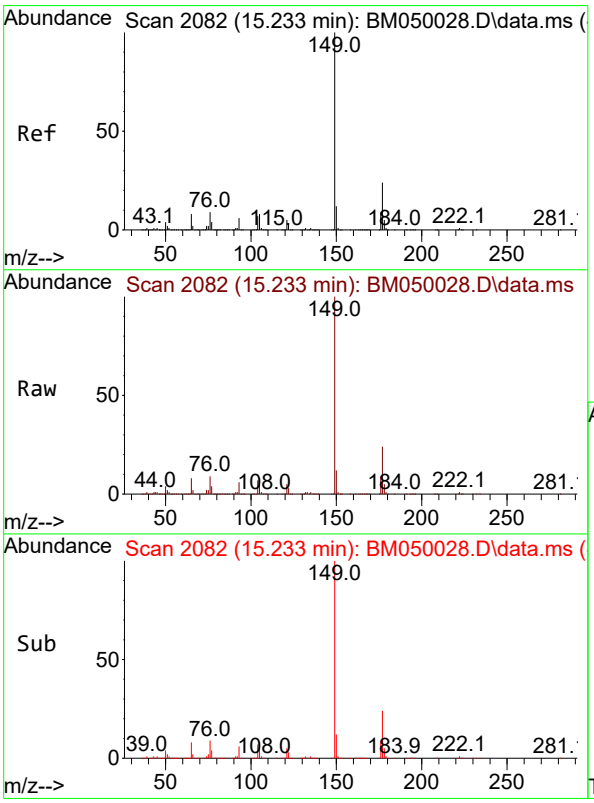
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.446 ng
RT: 15.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 514644

Ion	Ratio	Lower	Upper
232	100		
131	35.3	28.2	42.4
130	1.9	1.5	2.3
166	28.3	22.6	34.0

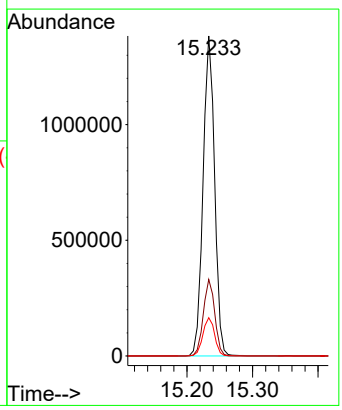


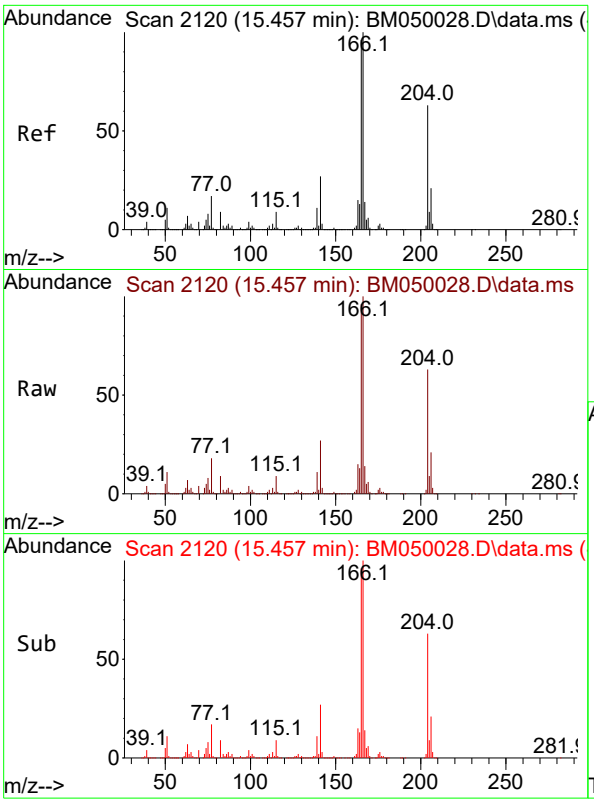


#60
Diethylphthalate
Concen: 41.631 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1696013

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.0	9.6	14.4



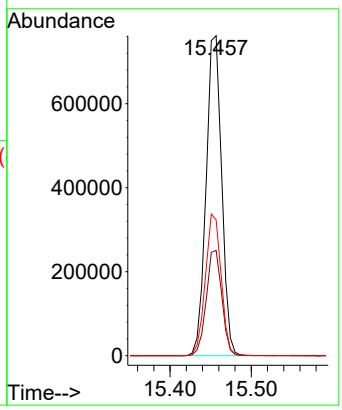


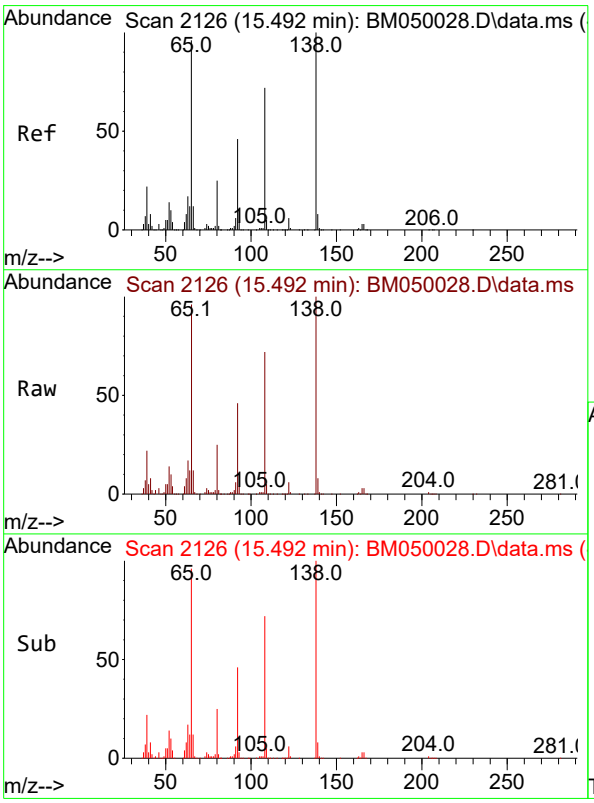
#61
4-Chlorophenyl-phenylether
Concen: 42.652 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 1014134

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	42.5	34.0	51.0

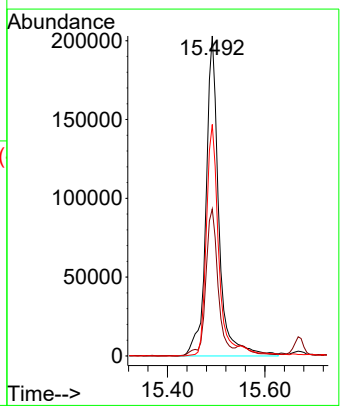


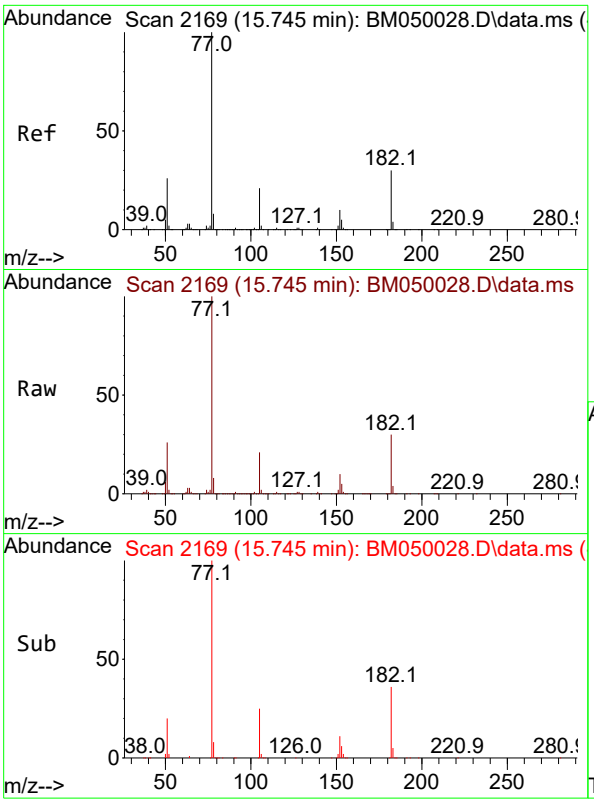


#62
4-Nitroaniline
Concen: 44.949 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:138 Resp: 370884

Ion	Ratio	Lower	Upper
138	100		
92	45.9	25.9	65.9
108	72.4	52.4	92.4



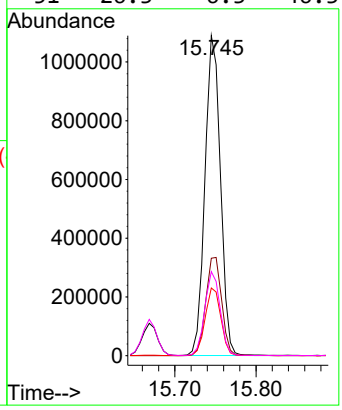


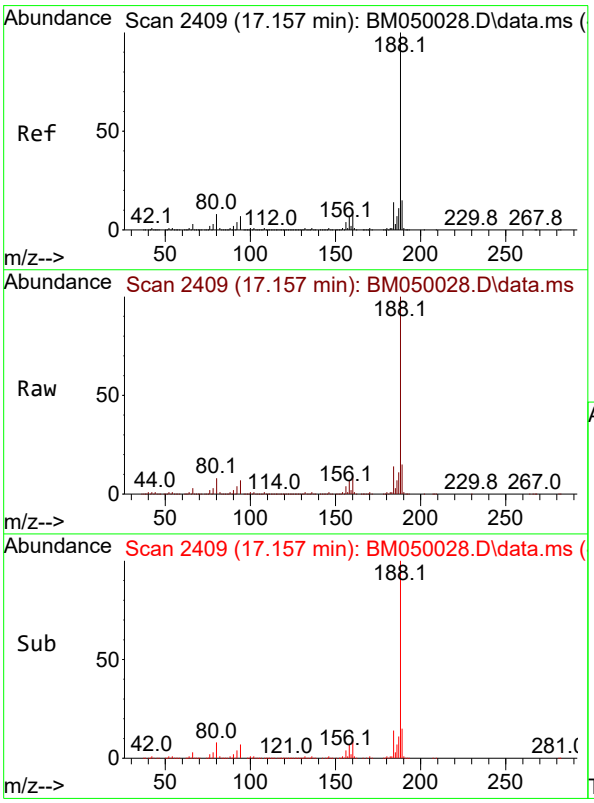
#63
Azobenzene
Concen: 42.150 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1439085

Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.1	1.1	41.1
51	26.3	6.3	46.3

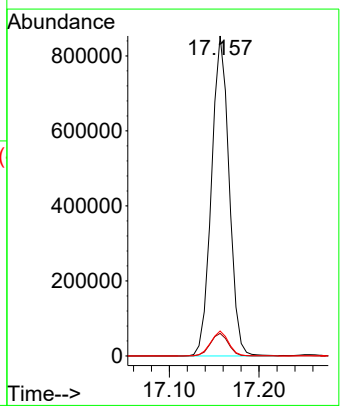


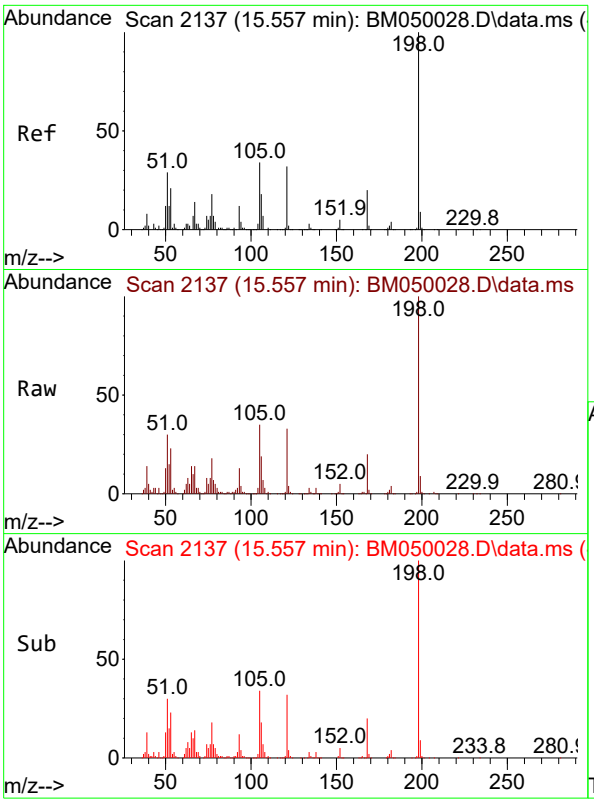


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:188 Resp: 1163791

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	7.8	6.2	9.4



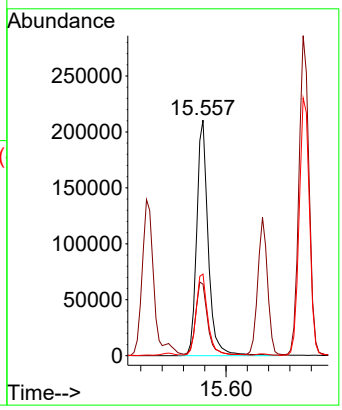


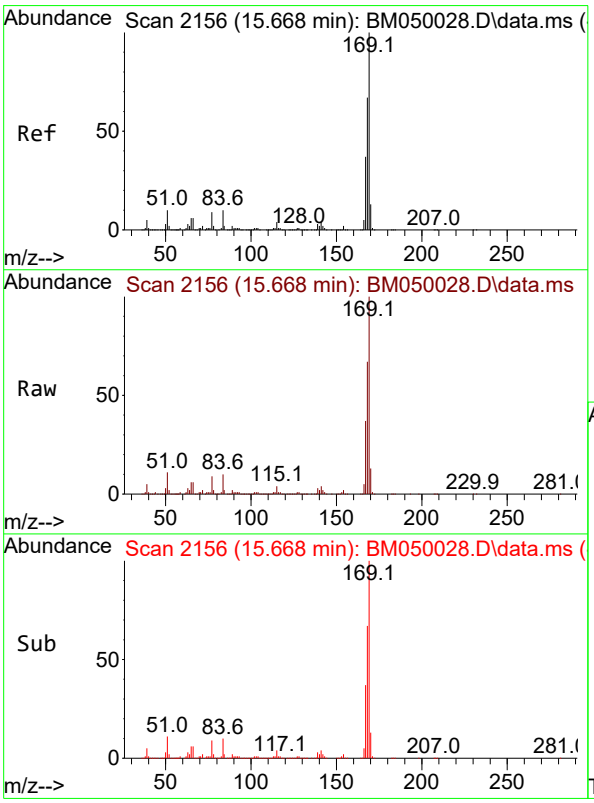
#65
4,6-Dinitro-2-methylphenol
Concen: 43.256 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 315113

Ion	Ratio	Lower	Upper
198	100		
51	30.4	10.4	50.4
105	34.6	14.6	54.6

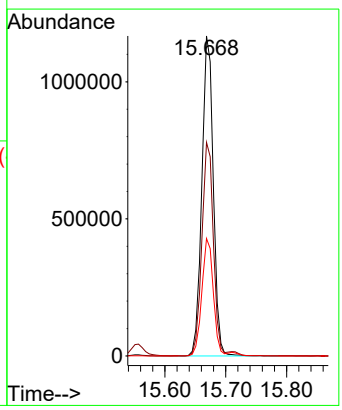


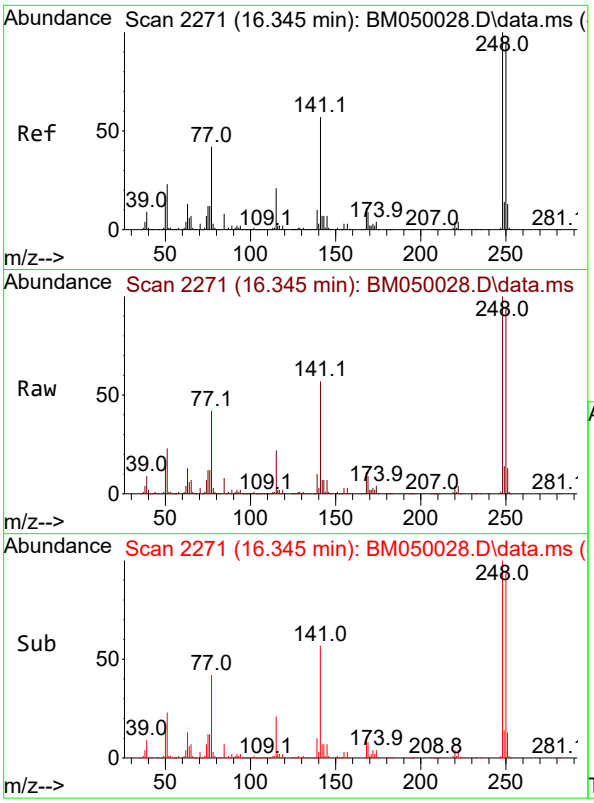


#66
n-Nitrosodiphenylamine
Concen: 42.678 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:169 Resp: 1525193

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.7	29.4	44.0



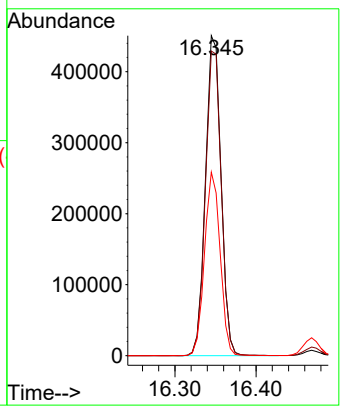


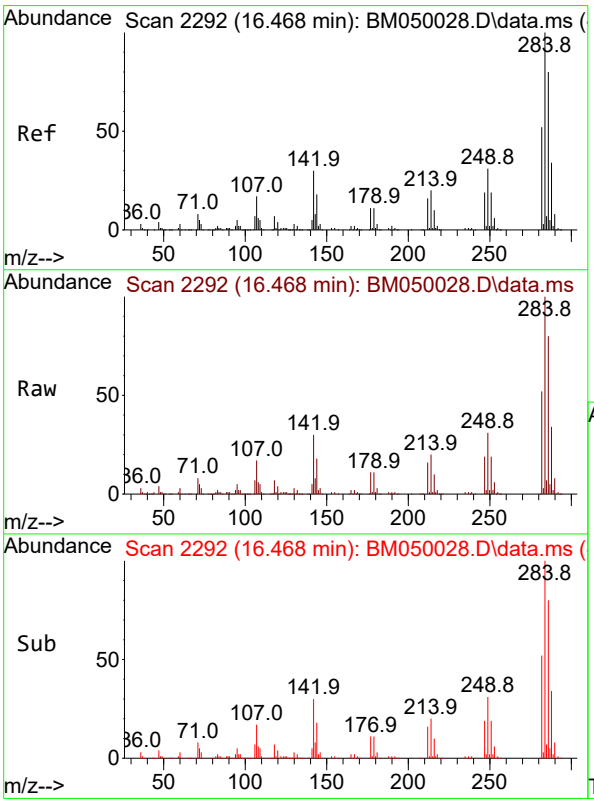
#67
4-Bromophenyl-phenylether
Concen: 42.660 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 600373

Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.2	114.2
141	57.4	45.9	68.9

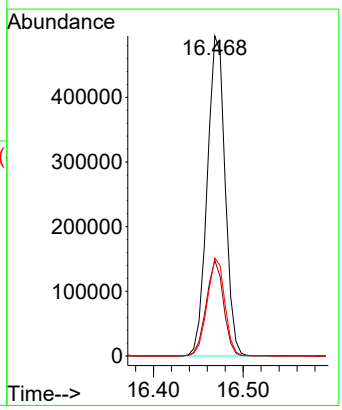


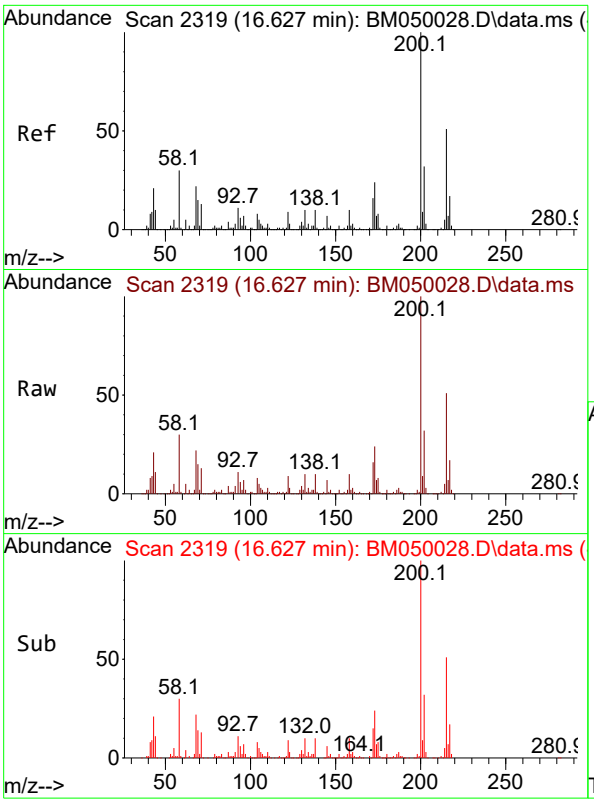


#68
Hexachlorobenzene
Concen: 42.122 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:284 Resp: 683325

Ion	Ratio	Lower	Upper
284	100		
142	29.9	23.9	35.9
249	30.6	24.5	36.7



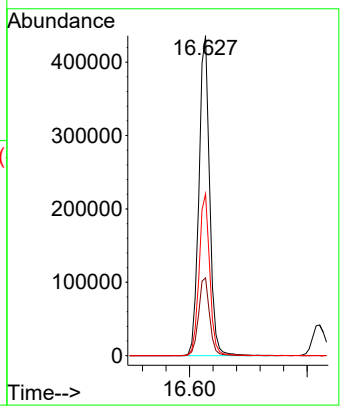


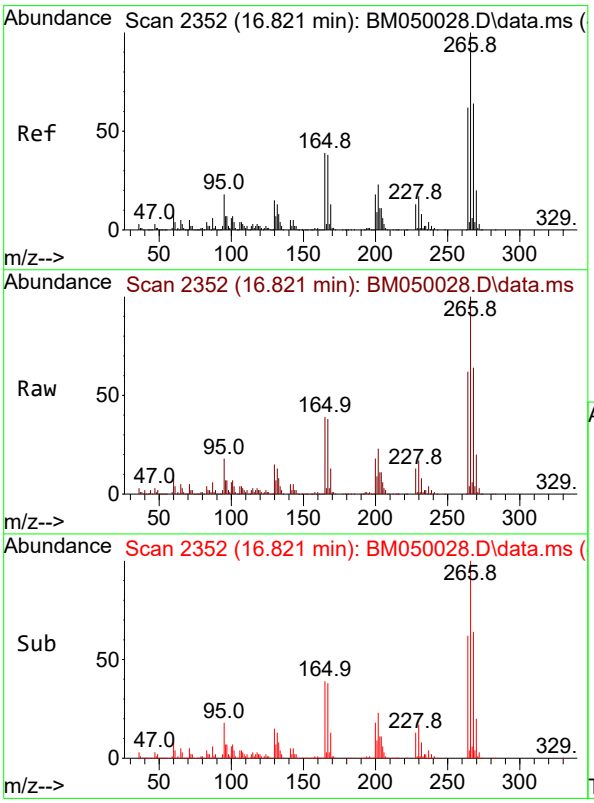
#69
Atrazine
Concen: 42.668 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 550018

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	50.6	30.6	70.6

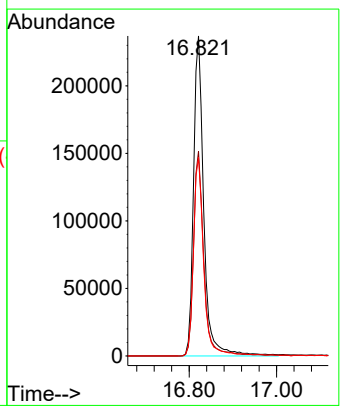


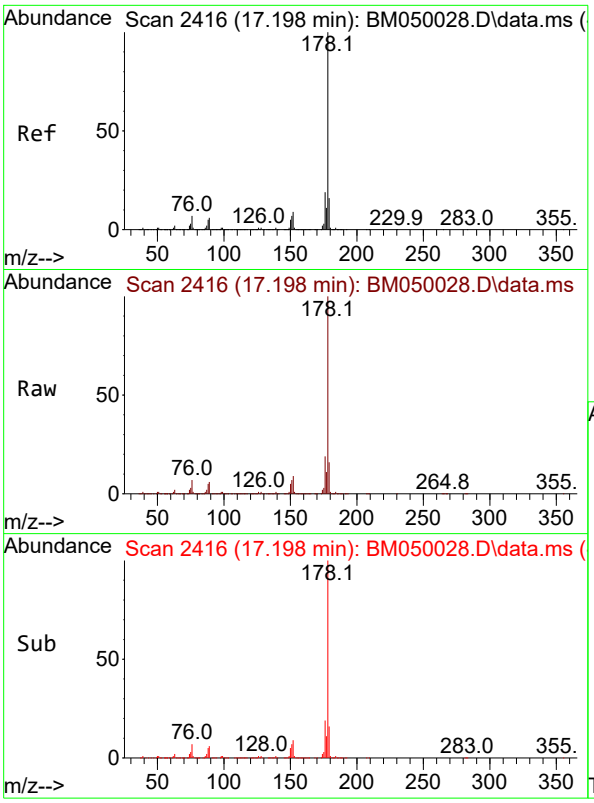


#70
Pentachlorophenol
Concen: 42.448 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:266 Resp: 387613

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.2	76.8
264	62.0	49.6	74.4



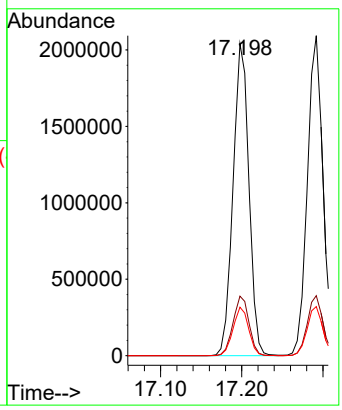


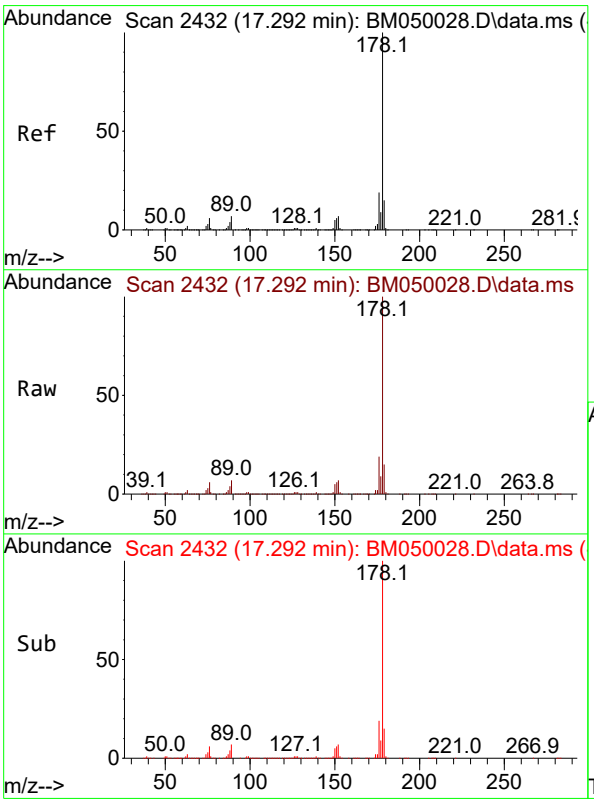
#71
Phenanthrene
Concen: 42.082 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2762249

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.4	18.6

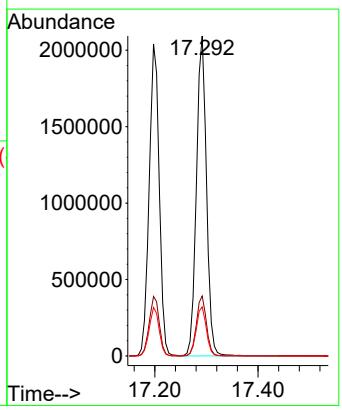


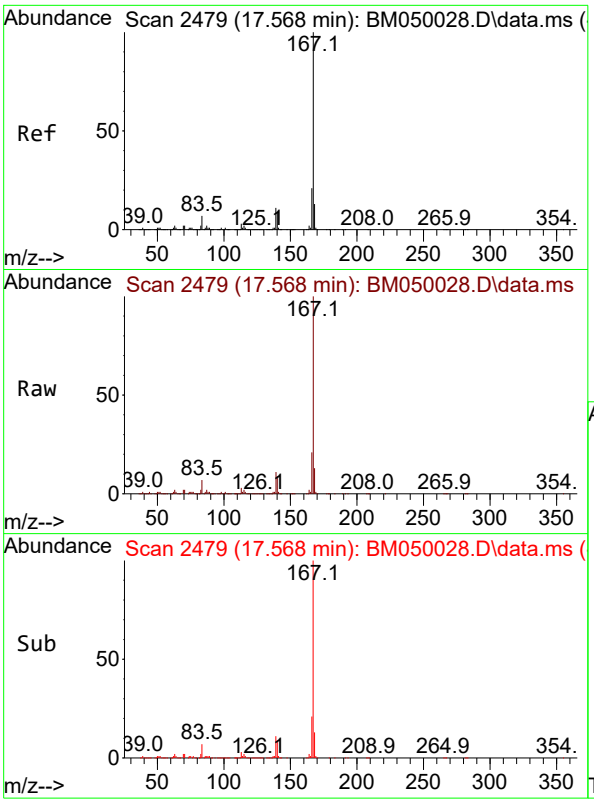


#72
Anthracene
Concen: 42.525 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:178 Resp: 2824805

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.4



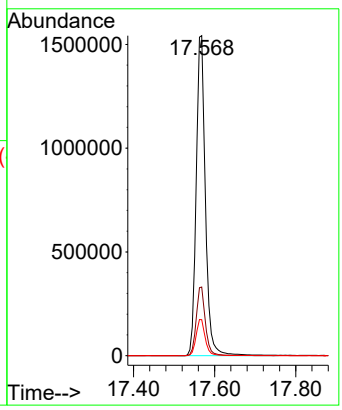


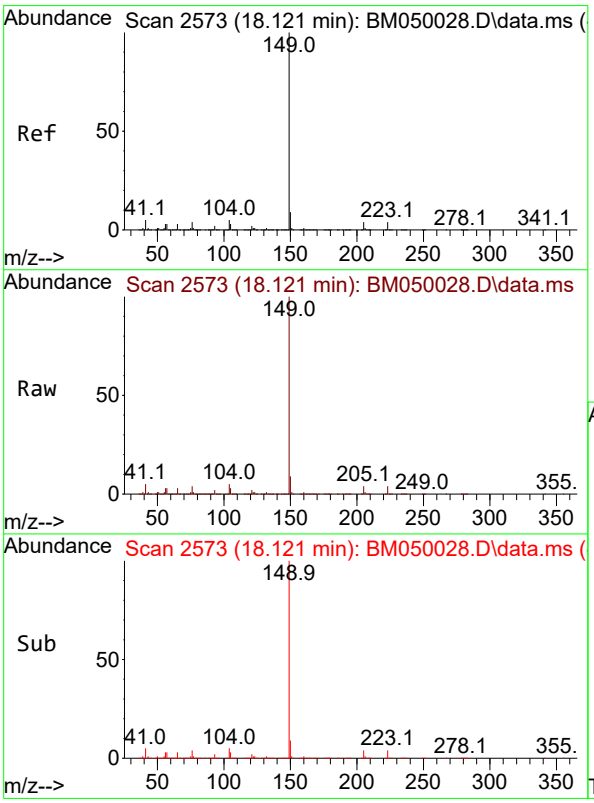
#73
Carbazole
Concen: 42.547 ng
RT: 17.568 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2452474

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	11.3	9.0	13.6

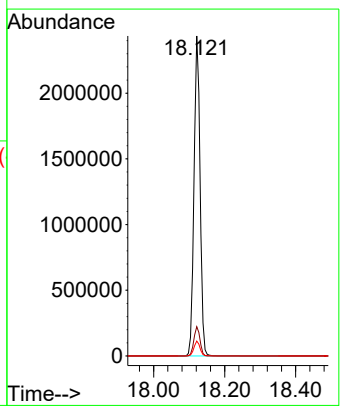


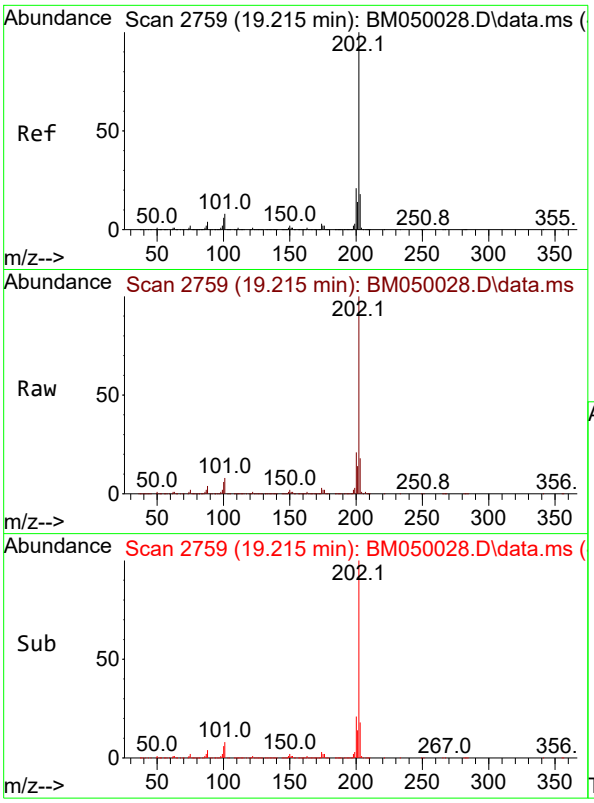


#74
Di-n-butylphthalate
Concen: 42.239 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 2899479

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.7	3.8	5.6



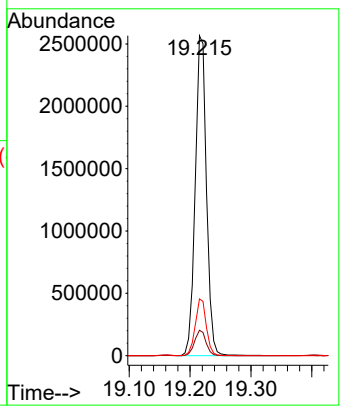


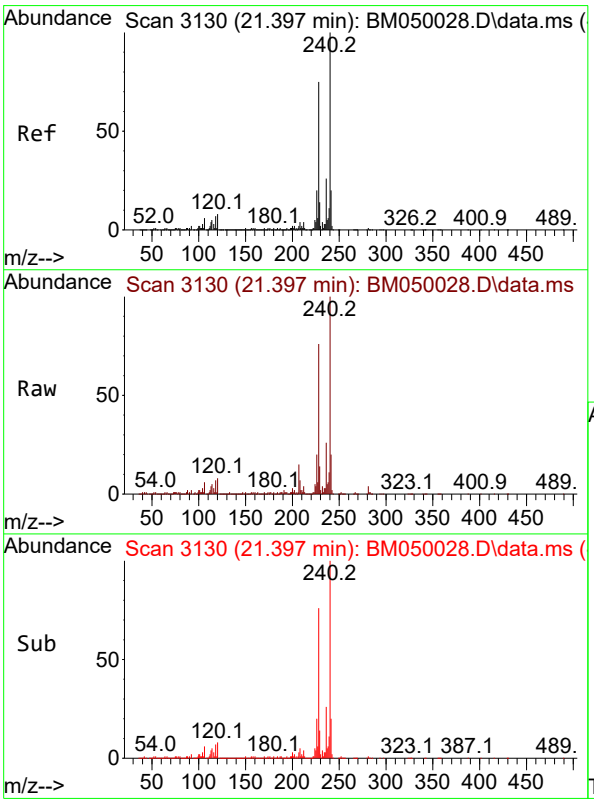
#75
Fluoranthene
Concen: 42.598 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3282789

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.7	0.0	37.7

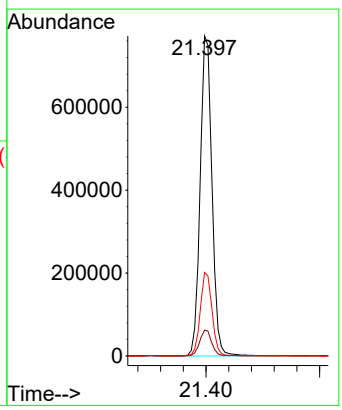


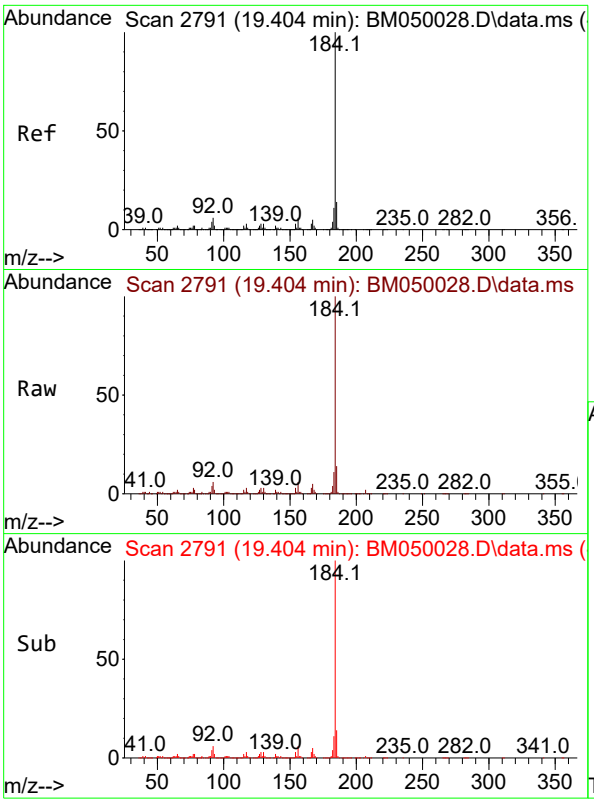


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:240 Resp: 1114654

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	26.1	20.9	31.3



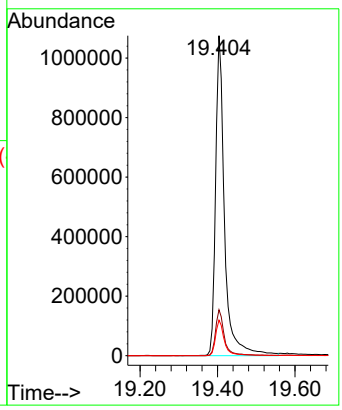


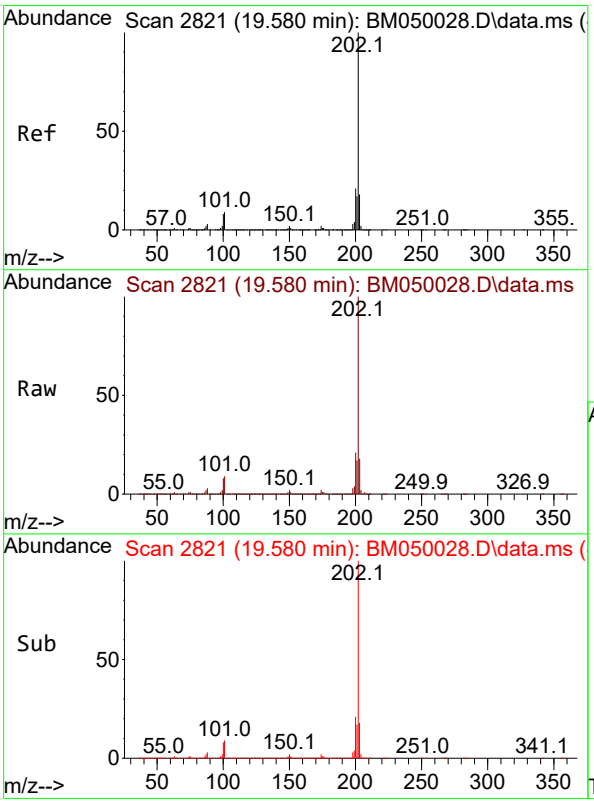
#77
Benzidine
Concen: 43.446 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1720168

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.1	8.9	13.3

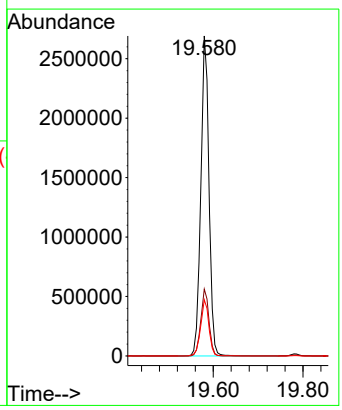


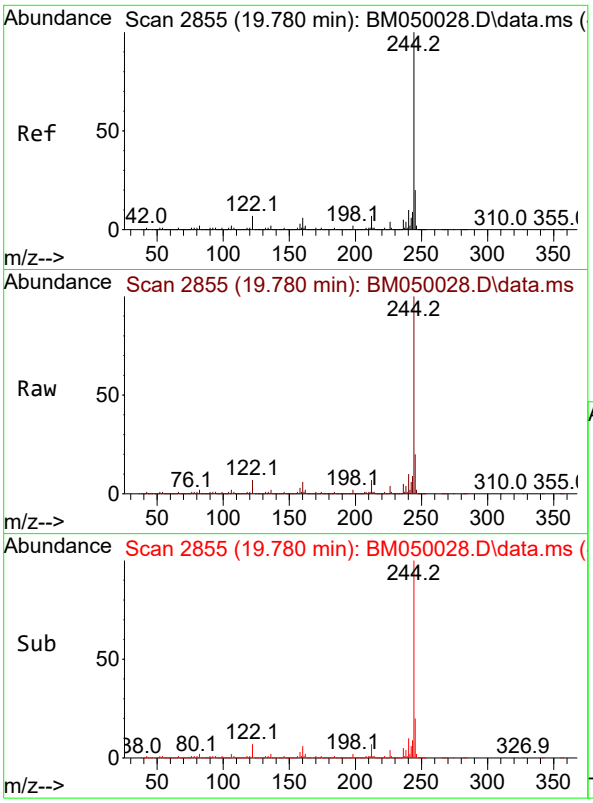


#78
Pyrene
Concen: 43.220 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:202 Resp: 3383053

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.6	14.1	21.1



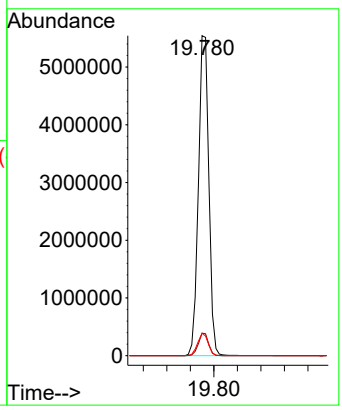


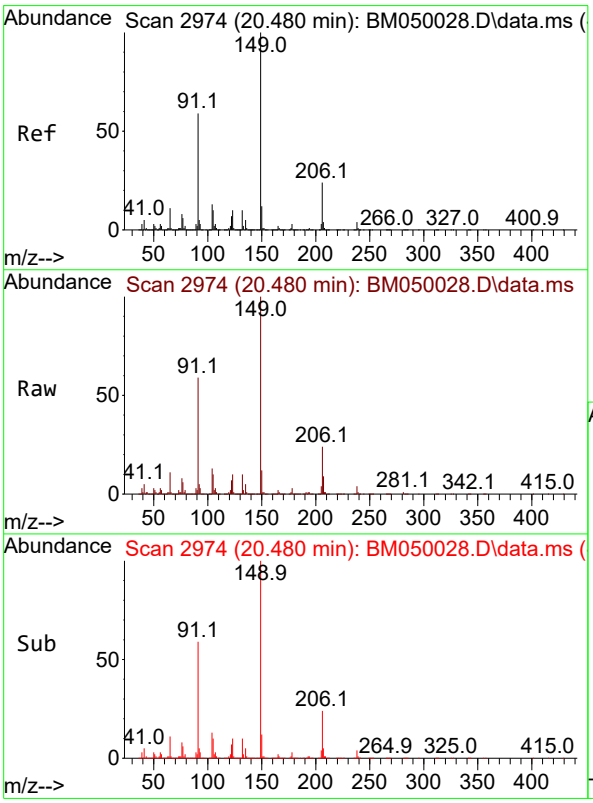
#79
Terphenyl-d14
Concen: 90.233 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 6797031

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	7.0	5.6	8.4

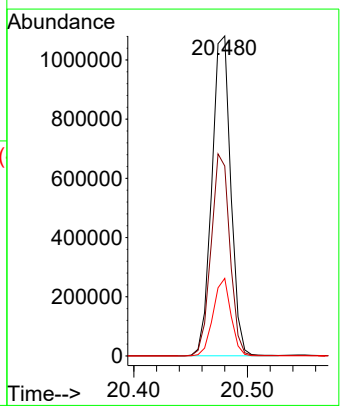


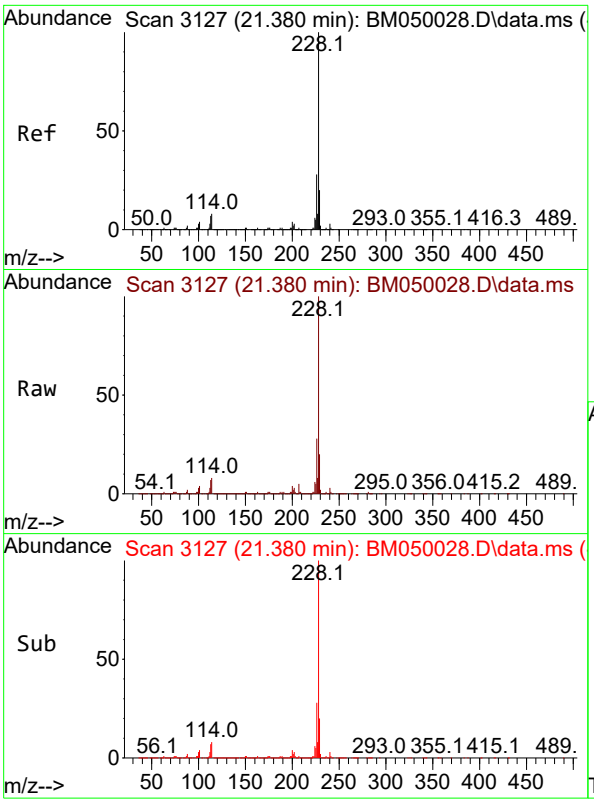


#80
Butylbenzylphthalate
Concen: 42.704 ng
RT: 20.480 min Scan# 2974
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1251950

Ion	Ratio	Lower	Upper
149	100		
91	59.3	47.4	71.2
206	24.2	19.4	29.0



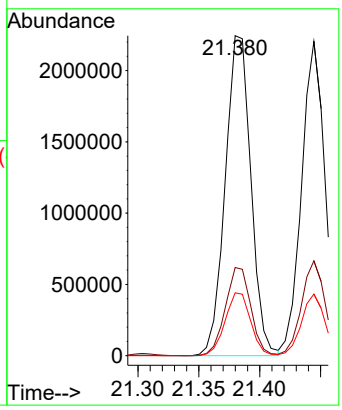


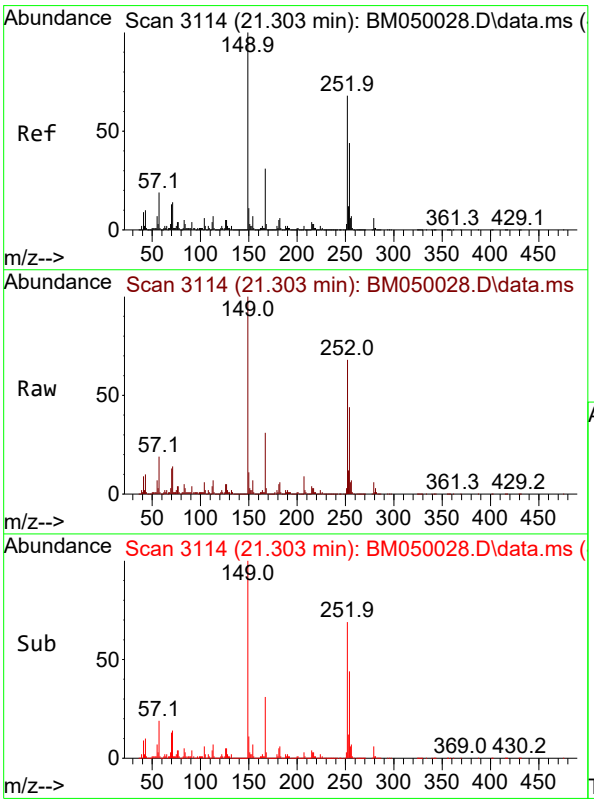
#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3295625

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.6	15.7	23.5

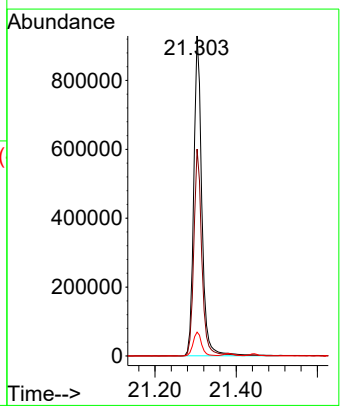


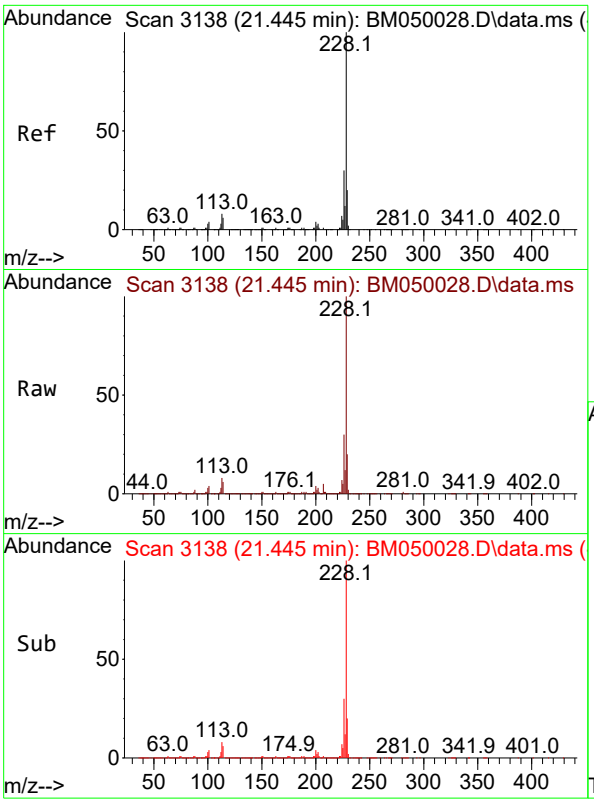


#82
3,3'-Dichlorobenzidine
Concen: 43.991 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 1292611

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	7.5	6.0	9.0



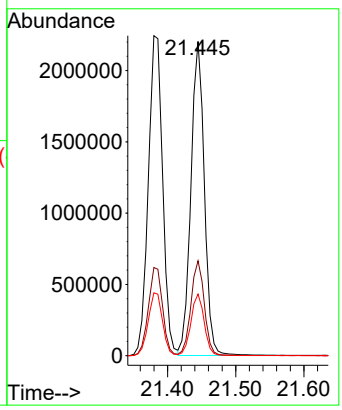


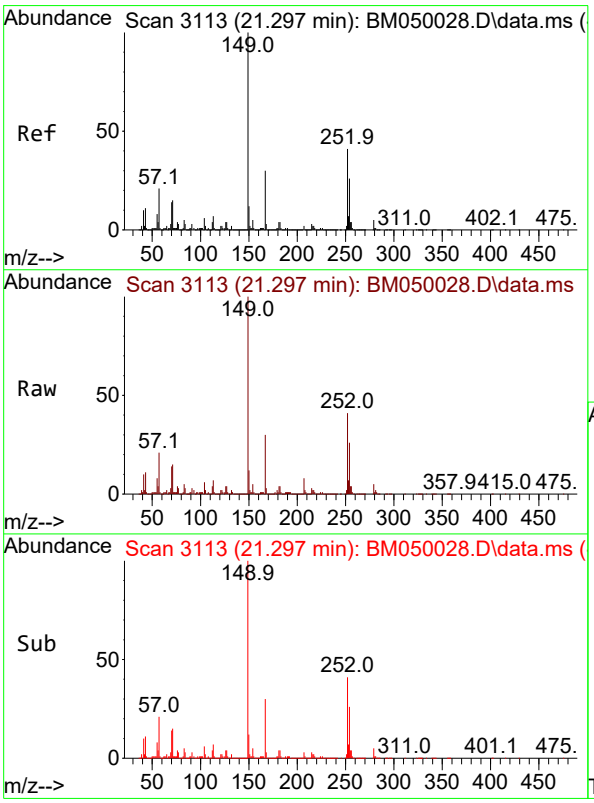
#83
Chrysene
Concen: 42.127 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 2992790

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.6	15.7	23.5

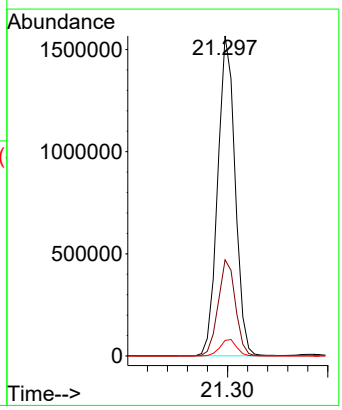


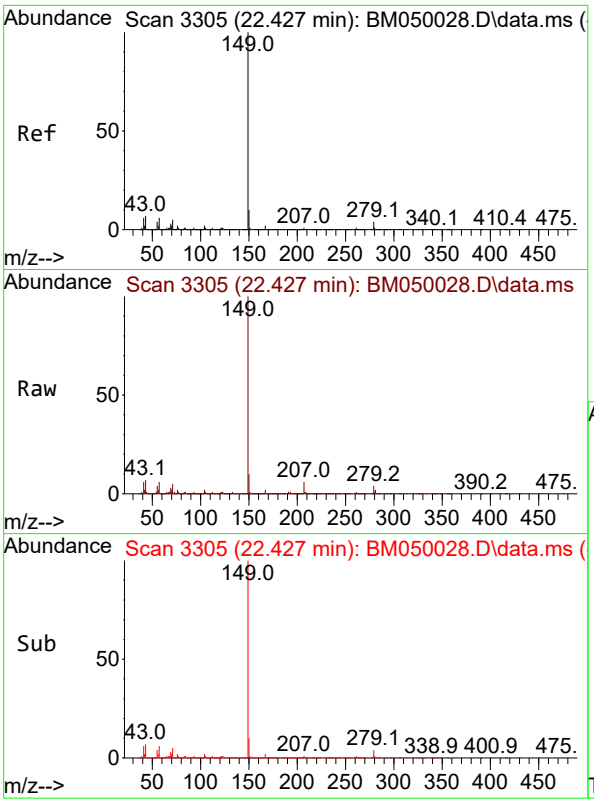


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.895 ng
RT: 21.297 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:149 Resp: 1878368

Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.1	36.1
279	4.9	3.9	5.9



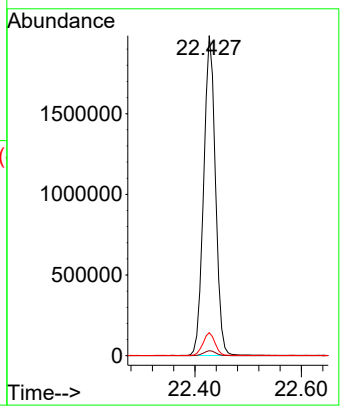


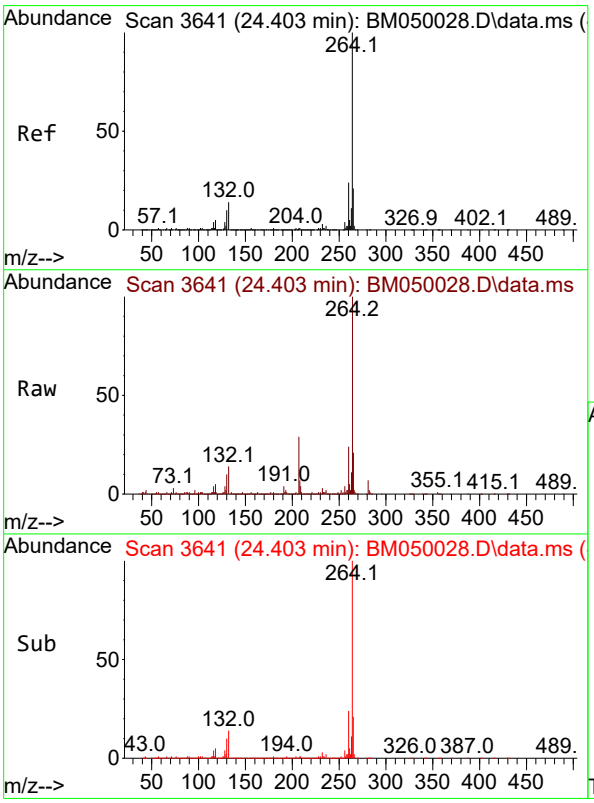
#85
Di-n-octyl phthalate
Concen: 42.160 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3044578

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.3	5.8	8.8

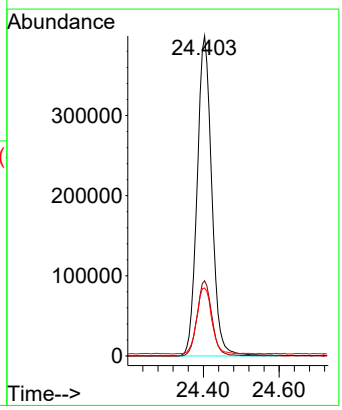


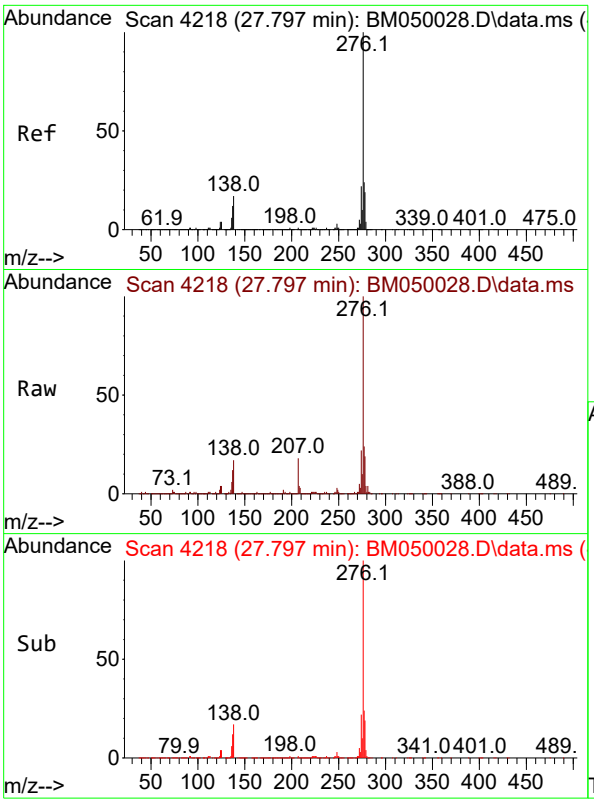


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.403 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:264 Resp: 1072526

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.2	17.0	25.4



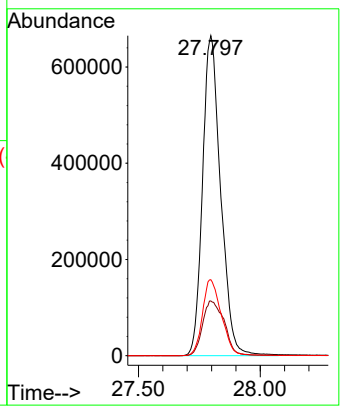


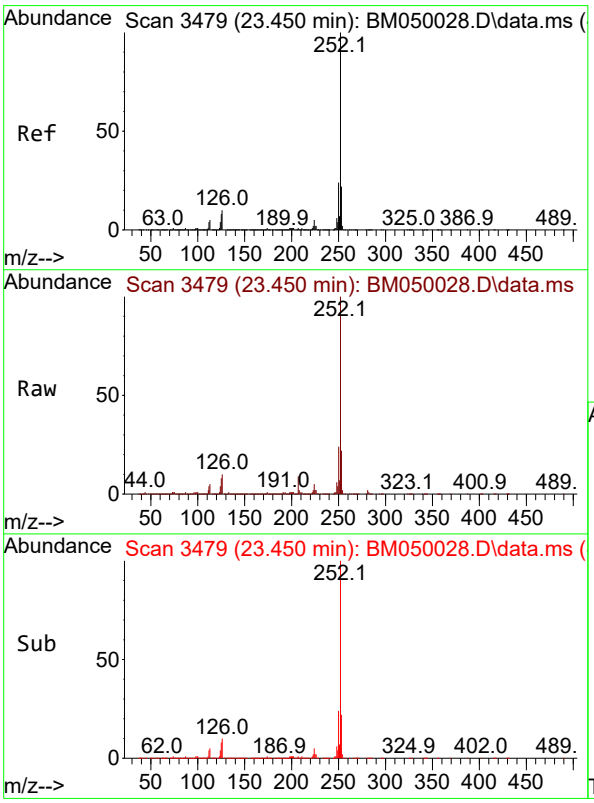
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.991 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 3435665

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	24.8	19.8	29.8

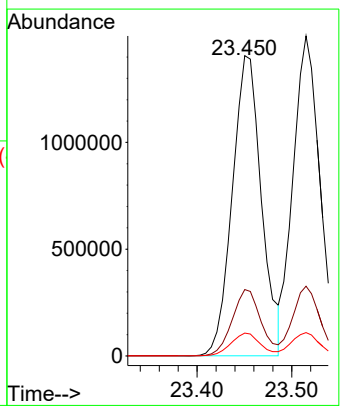


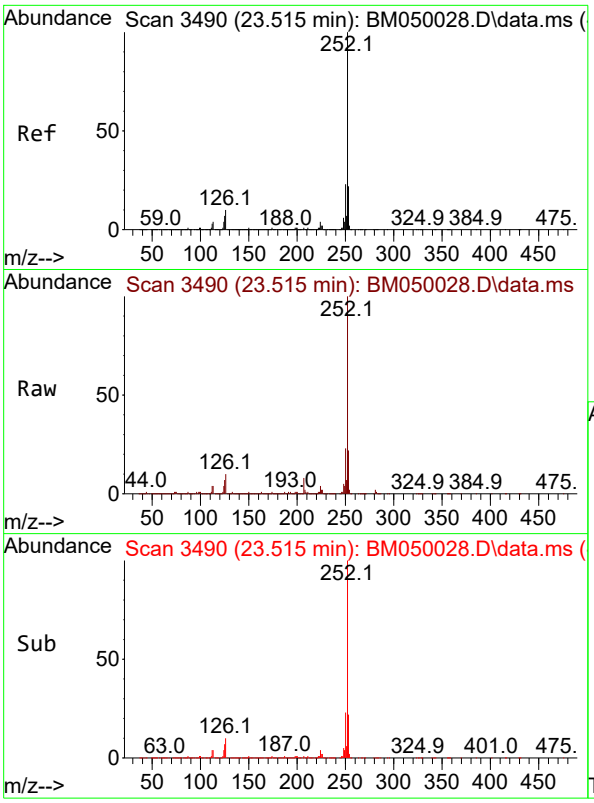


#88
Benzo(b)fluoranthene
Concen: 43.243 ng
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 3016197

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.6	6.1	9.1



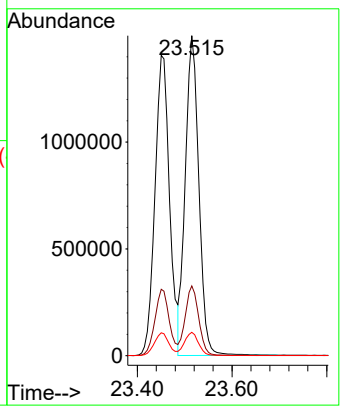


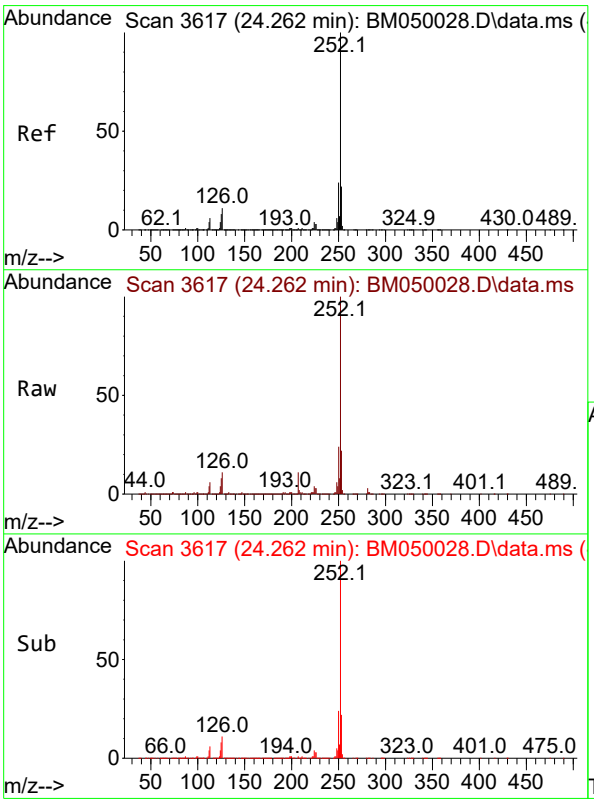
#89
Benzo(k)fluoranthene
Concen: 42.155 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 2974903

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.3	5.8	8.8

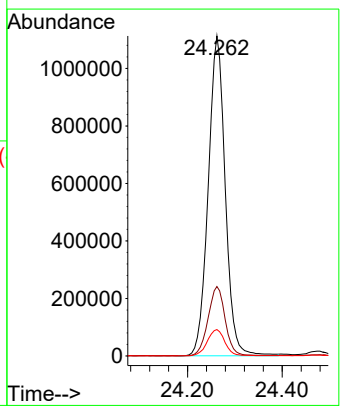


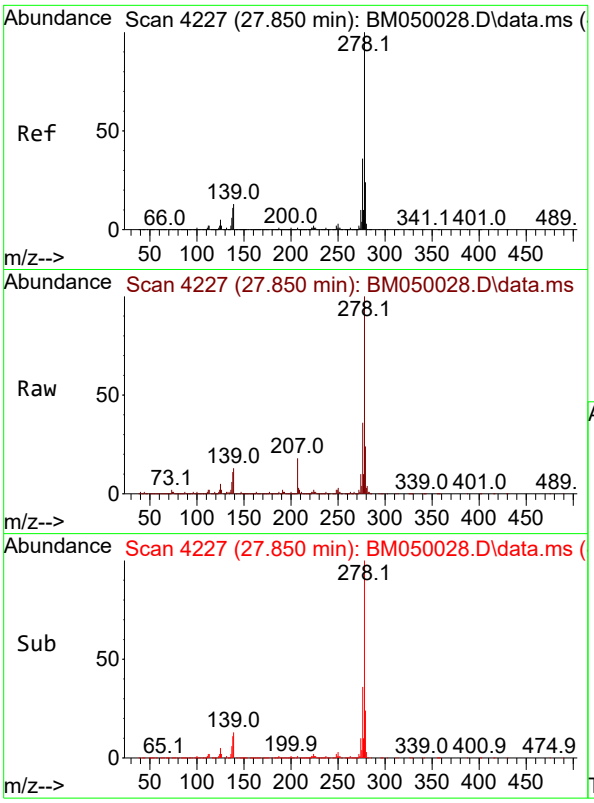


#90
Benzo(a)pyrene
Concen: 42.519 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:252 Resp: 2777683

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.2	6.6	9.8



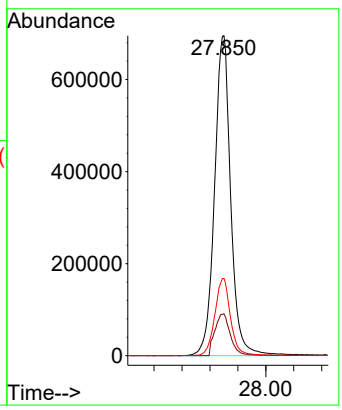


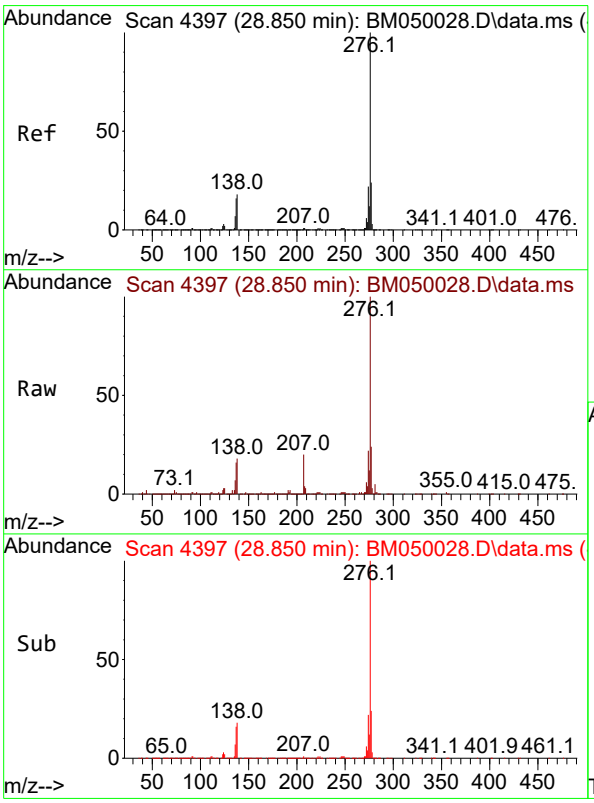
#91
Dibenzo(a,h)anthracene
Concen: 42.796 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 2787948

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	24.2	19.4	29.0

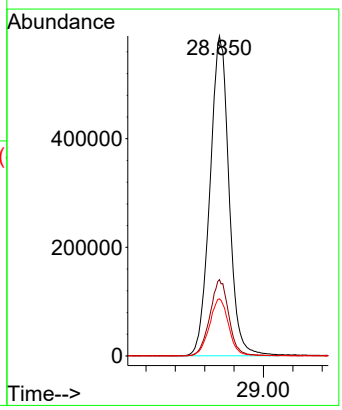




#92
Benzo(g,h,i)perylene
Concen: 42.508 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050028.D
Acq: 28 Apr 2025 15:06

Tgt Ion:276 Resp: 2651145

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	17.9	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	228207	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	837552	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	554448	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1105769	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1097646	20.000	ng	0.00
86) Perylene-d12	24.397	264	1061511	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1382138	106.054	ng	0.00
7) Phenol-d6	6.951	99	1754123	107.089	ng	0.00
23) Nitrobenzene-d5	8.928	82	1811208	106.560	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	911669	111.203	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5051261	107.775	ng	0.00
79) Terphenyl-d14	19.780	244	8457811	114.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	287618	51.472	ng	100
3) Pyridine	3.657	79	757569	52.766	ng	99
4) n-Nitrosodimethylamine	3.563	42	295491	52.476	ng	100
6) Aniline	7.098	93	1096746	53.024	ng	99
8) 2-Chlorophenol	7.339	128	742074	52.664	ng	100
9) Benzaldehyde	6.910	77	577740	52.770	ng	99
10) Phenol	6.981	94	877155	52.897	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	725268	52.379	ng	99
12) 1,3-Dichlorobenzene	7.657	146	885183	52.004	ng	100
13) 1,4-Dichlorobenzene	7.804	146	888114	51.937	ng	100
14) 1,2-Dichlorobenzene	8.122	146	859475	52.033	ng	99
15) Benzyl Alcohol	8.016	79	612811	53.947	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	863443	51.300	ng	99
17) 2-Methylphenol	8.228	107	585120	53.563	ng	99
18) Hexachloroethane	8.845	117	312710	51.444	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	563847	53.672	ng	100
20) 3+4-Methylphenols	8.551	107	794422	53.851	ng	98
22) Acetophenone	8.592	105	1100024	52.827	ng	99
24) Nitrobenzene	8.969	77	779215	53.020	ng	99
25) Isophorone	9.498	82	1526436	52.685	ng	100
26) 2-Nitrophenol	9.680	139	415316	55.315	ng	99
27) 2,4-Dimethylphenol	9.751	122	674547	54.175	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	946285	52.843	ng	100
29) 2,4-Dichlorophenol	10.227	162	751117	53.847	ng	99
30) 1,2,4-Trichlorobenzene	10.427	180	891501	52.457	ng	98
31) Naphthalene	10.610	128	2214025	52.198	ng	100
32) Benzoic acid	9.922	122	431557	54.343	ng	98
33) 4-Chloroaniline	10.727	127	937309	53.913	ng	99
34) Hexachlorobutadiene	10.898	225	566049	52.471	ng	99
35) Caprolactam	11.522	113	218572	53.741	ng	92
36) 4-Chloro-3-methylphenol	11.869	107	688099	53.394	ng	98
37) 2-Methylnaphthalene	12.227	142	1494348	52.548	ng	99
38) 1-Methylnaphthalene	12.445	142	1572248	52.243	ng	99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1033027	53.822	ng	99
41) Hexachlorocyclopentadiene	12.580	237	649060	55.336	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	672901	55.275	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

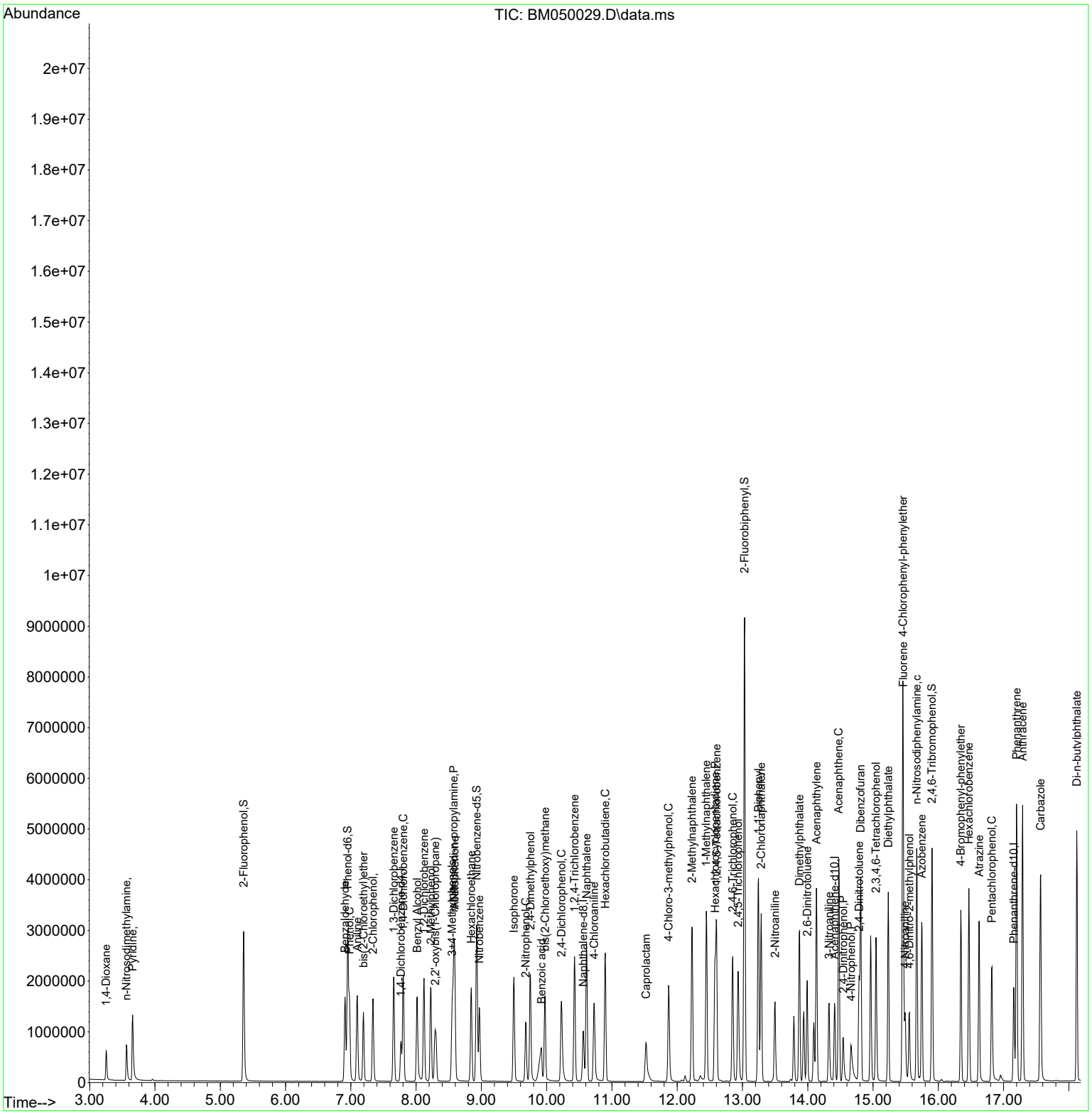
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	719930	54.841	ng	100
46) 1,1'-Biphenyl	13.245	154	2191996	53.185	ng	100
47) 2-Chloronaphthalene	13.286	162	1729678	52.989	ng	100
48) 2-Nitroaniline	13.498	65	421489	55.016	ng	99
49) Acenaphthylene	14.133	152	2731966	53.082	ng	100
50) Dimethylphthalate	13.874	163	2138242	52.770	ng	100
51) 2,6-Dinitrotoluene	13.992	165	458476	54.650	ng	99
52) Acenaphthene	14.474	154	1587472	53.287	ng	99
53) 3-Nitroaniline	14.327	138	450021	56.186	ng	96
54) 2,4-Dinitrophenol	14.545	184	269515	52.338	ng	99
55) Dibenzofuran	14.810	168	2617489	52.809	ng	100
56) 4-Nitrophenol	14.663	139	328078	52.029	ng	100
57) 2,4-Dinitrotoluene	14.786	165	648262	55.921	ng	99
58) Fluorene	15.462	166	2180247	53.740	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	617151	54.311	ng	99
60) Diethylphthalate	15.233	149	2011763	52.691	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1207514	54.188	ng	99
62) 4-Nitroaniline	15.492	138	445520	57.612	ng	99
63) Azobenzene	15.745	77	1703932	53.251	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	393191	56.806	ng	98
66) n-Nitrosodiphenylamine	15.668	169	1815723	53.474	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	713498	53.359	ng	98
68) Hexachlorobenzene	16.468	284	815392	52.900	ng	98
69) Atrazine	16.627	200	669330	54.648	ng	99
70) Pentachlorophenol	16.821	266	475717	54.830	ng	99
71) Phenanthrene	17.198	178	3349195	53.702	ng	100
72) Anthracene	17.292	178	3417239	54.143	ng	100
73) Carbazole	17.568	167	2971695	54.260	ng	99
74) Di-n-butylphthalate	18.121	149	3530893	54.137	ng	100
75) Fluoranthene	19.215	202	4021516	54.922	ng	100
77) Benzidine	19.403	184	2110748	54.137	ng	100
78) Pyrene	19.580	202	4169831	54.097	ng	100
80) Butylbenzylphthalate	20.474	149	1557463	53.948	ng	96
81) Benzo(a)anthracene	21.380	228	4058011	53.687	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1639448	56.659	ng	99
83) Chrysene	21.444	228	3755543	53.683	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2336926	54.194	ng	98
85) Di-n-octyl phthalate	22.427	149	3852190	54.170	ng	100
87) Indeno(1,2,3-cd)pyrene	27.797	276	4369253	55.240	ng	99
88) Benzo(b)fluoranthene	23.450	252	3755728	54.405	ng	99
89) Benzo(k)fluoranthene	23.515	252	3844095	55.037	ng	99
90) Benzo(a)pyrene	24.262	252	3529489	54.588	ng	99
91) Dibenzo(a,h)anthracene	27.838	278	3575099	55.448	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3363778	54.494	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

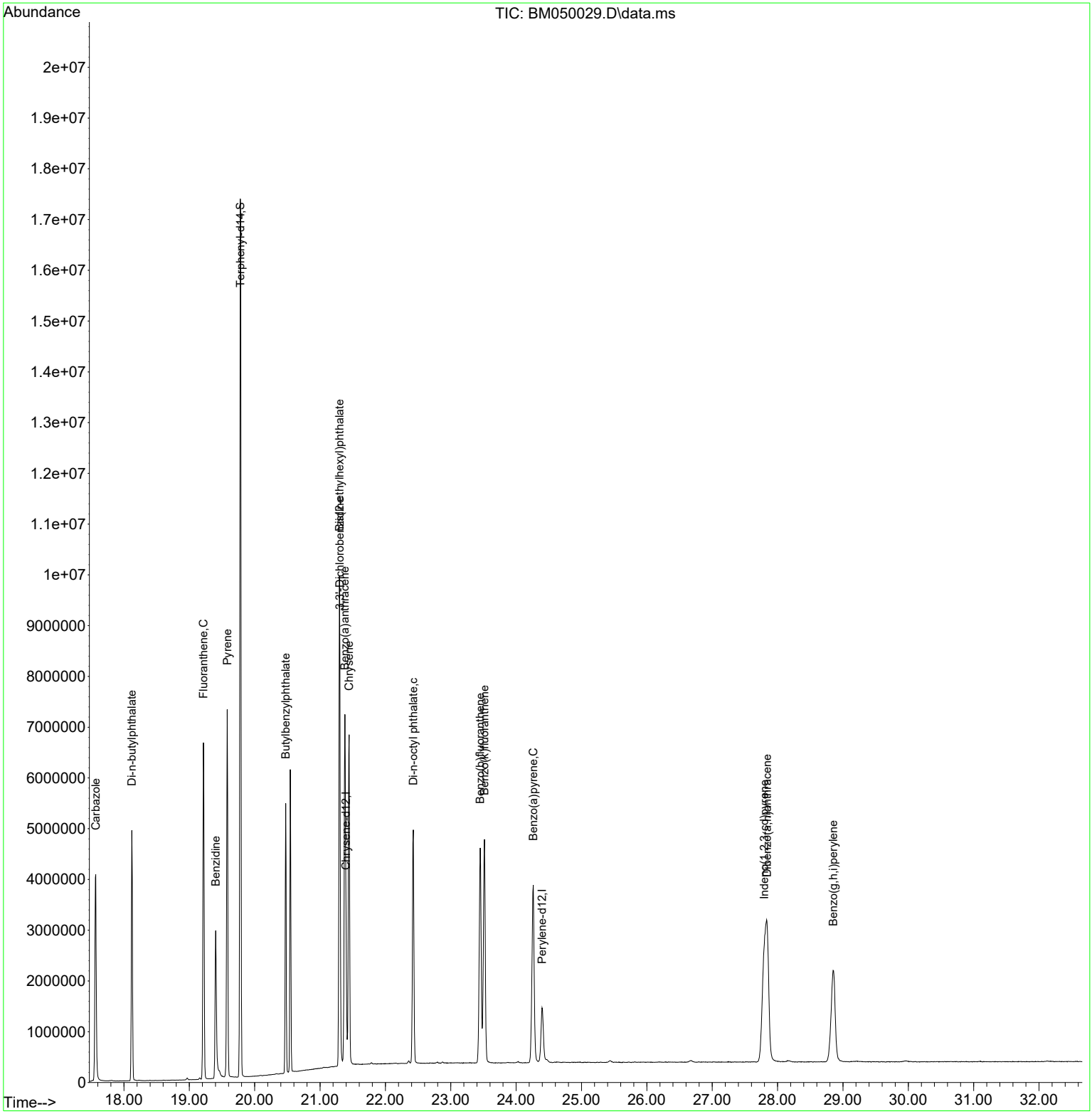


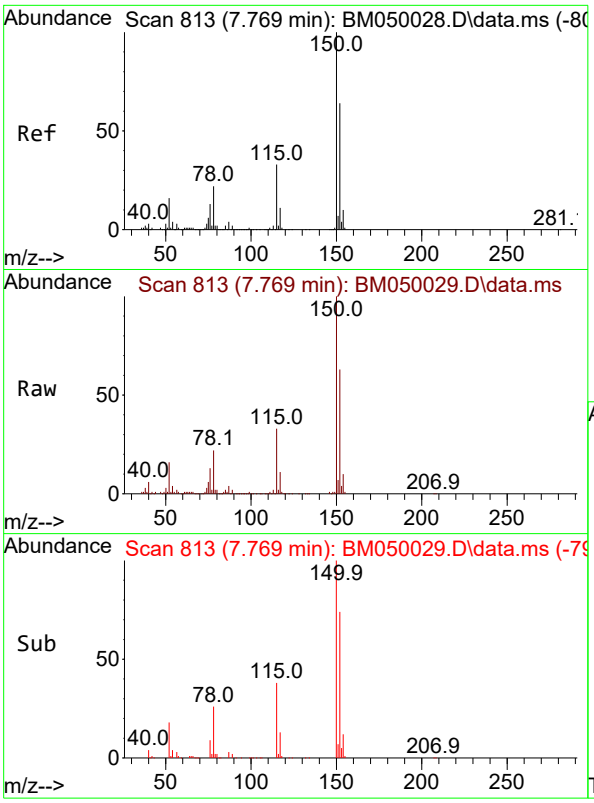
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050029.D
Acq On : 28 Apr 2025 15:45
Operator : RC/JU
Sample : SSTDICC050
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Apr 28 17:57:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



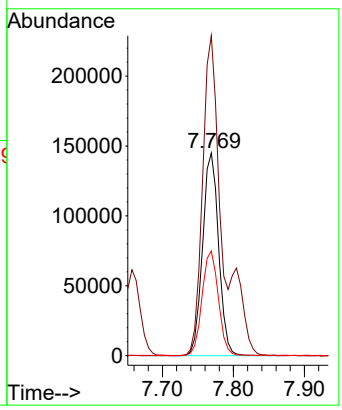


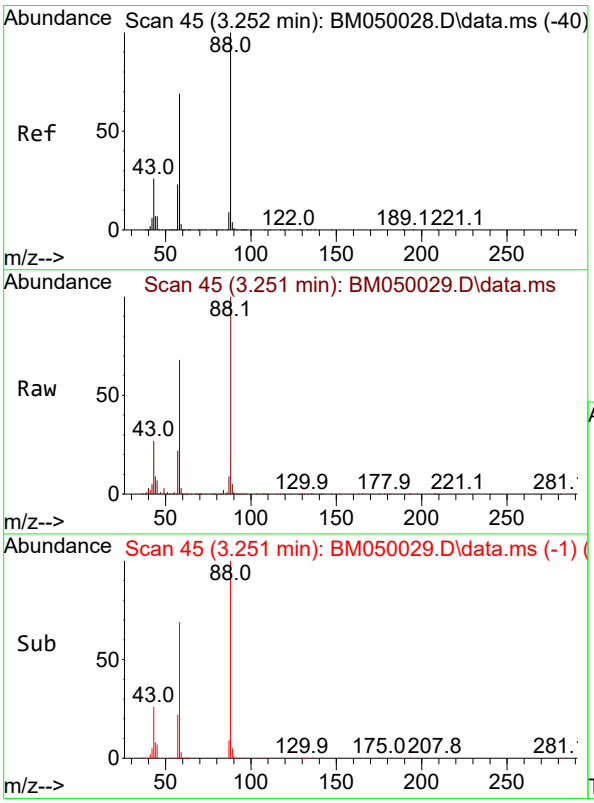
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 228207

Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.1	186.1
115	51.6	41.2	61.8

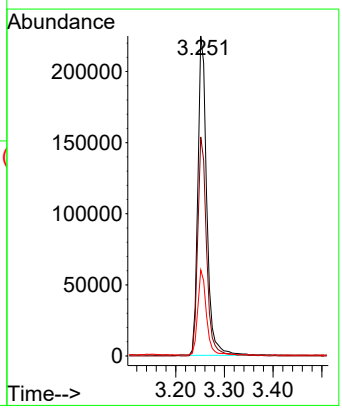


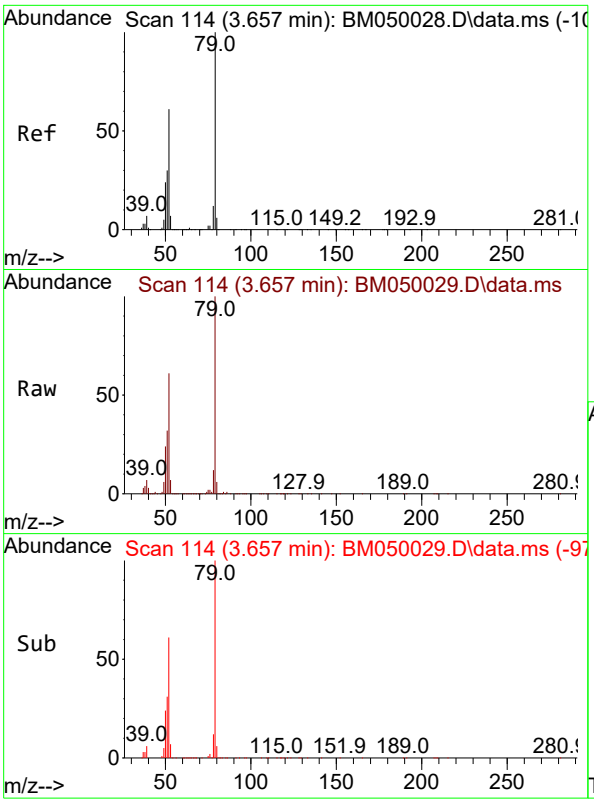


#2
1,4-Dioxane
Concen: 51.472 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 88 Resp: 287618

Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.1	82.7
43	26.0	20.9	31.3



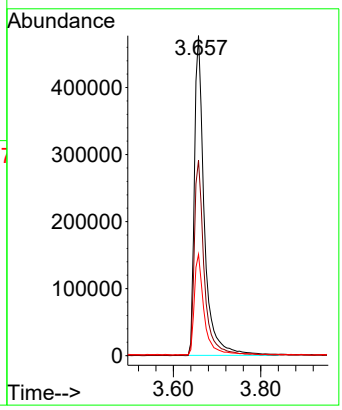


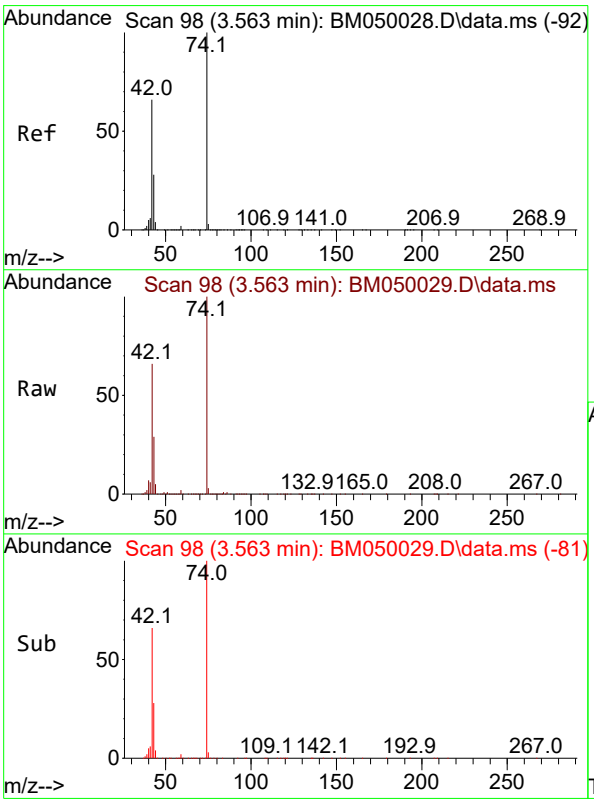
#3
Pyridine
Concen: 52.766 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 757569

Ion	Ratio	Lower	Upper
79	100		
52	61.0	48.6	72.8
51	31.7	24.6	37.0

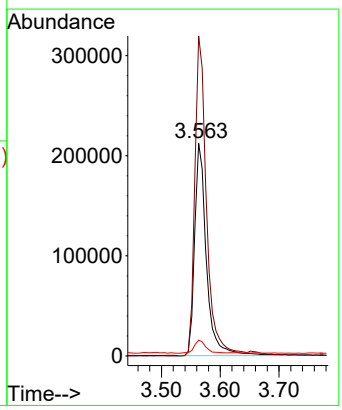


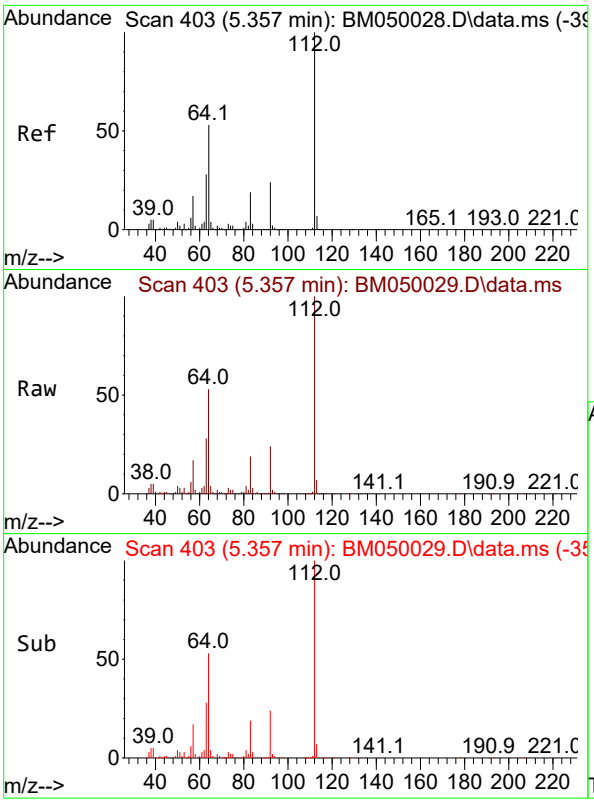


#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 42 Resp: 295491

Ion	Ratio	Lower	Upper
42	100		
74	150.4	120.2	180.2
44	7.4	6.2	9.2



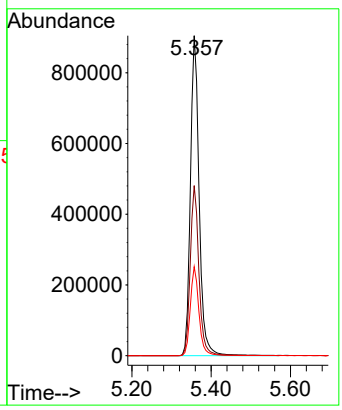


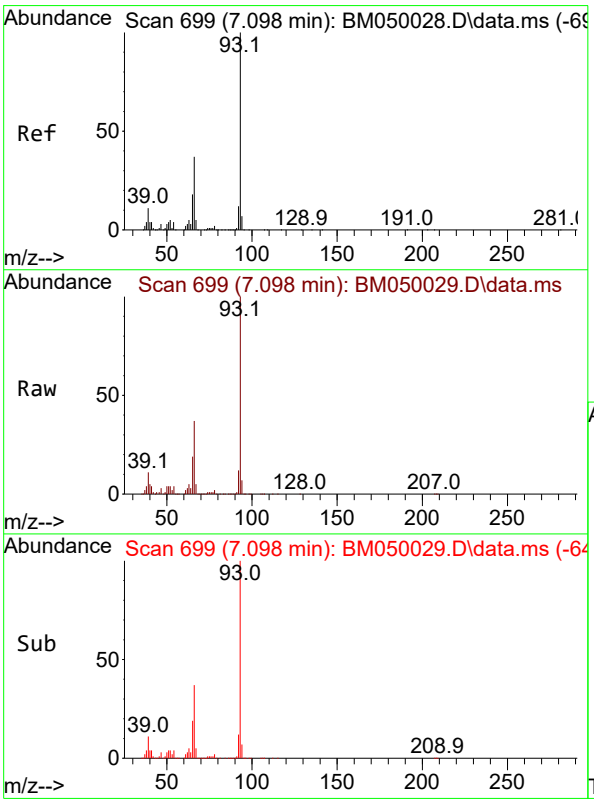
#5
2-Fluorophenol
Concen: 106.054 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1382138

Ion	Ratio	Lower	Upper
112	100		
64	53.2	42.6	64.0
63	27.8	22.2	33.4

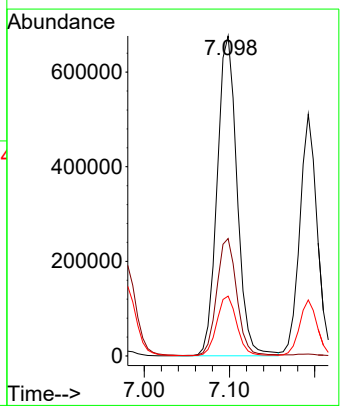


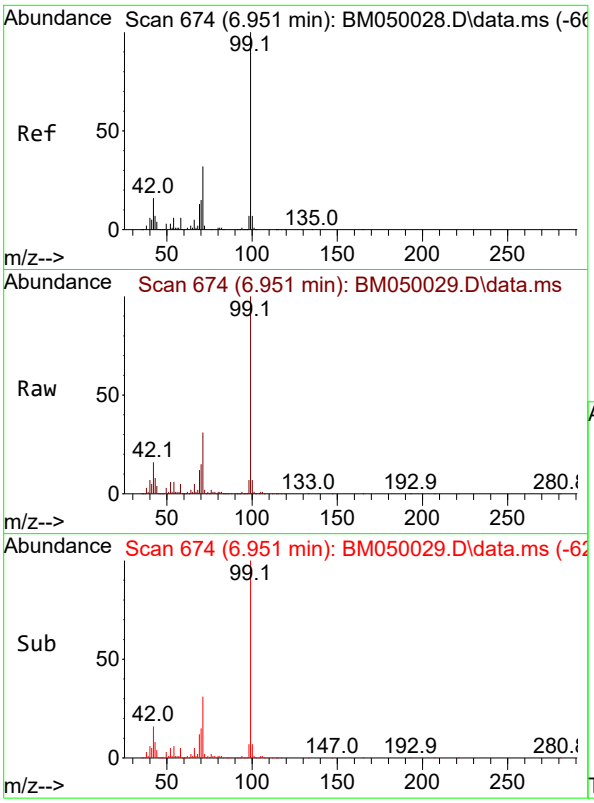


#6
Aniline
Concen: 53.024 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 1096746

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	18.7	14.5	21.7



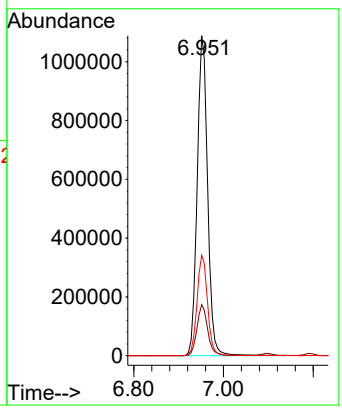


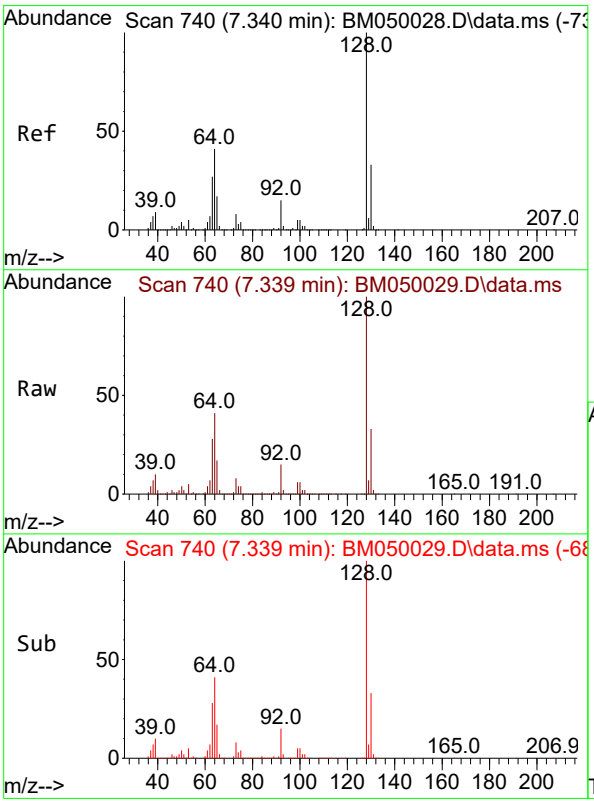
#7
Phenol-d6
Concen: 107.089 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1754123

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.3	25.6	38.4

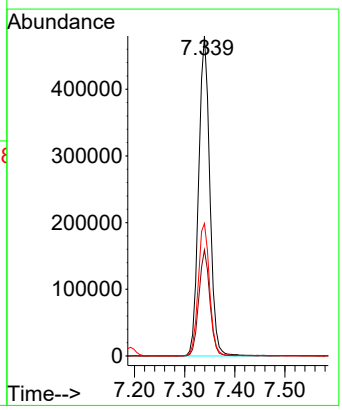


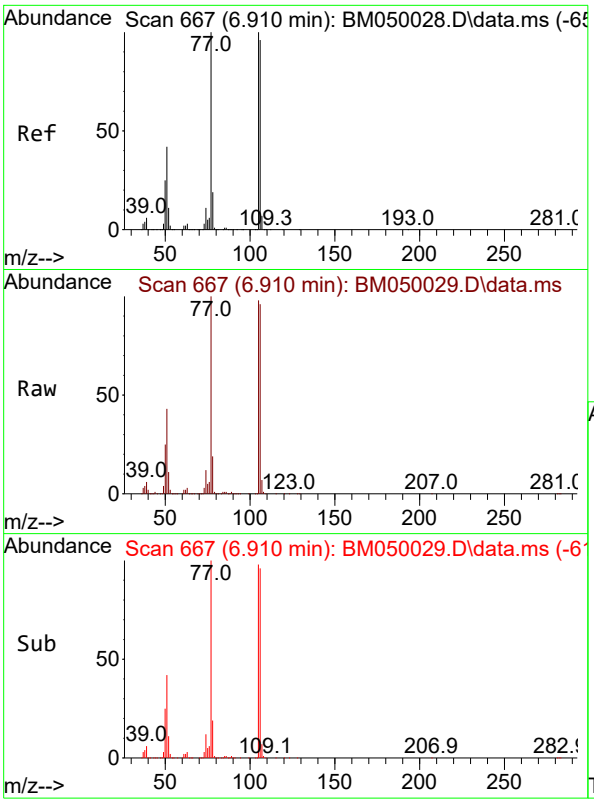


#8
2-Chlorophenol
Concen: 52.664 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:128 Resp: 742074

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	41.4	21.2	61.2



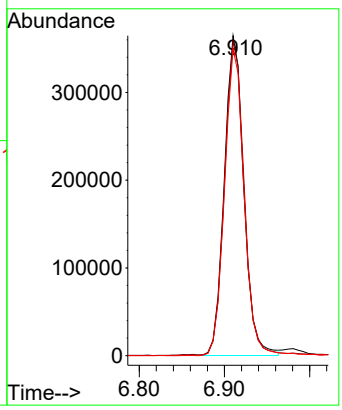


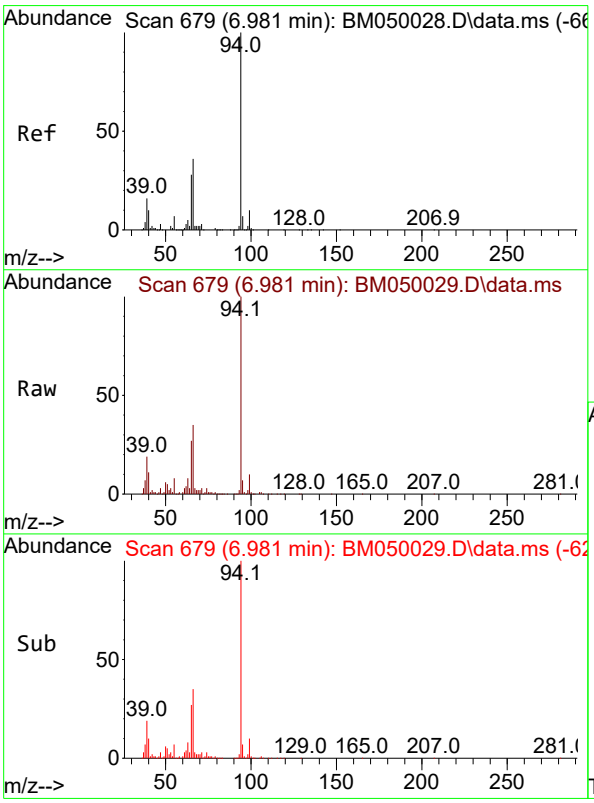
#9
Benzaldehyde
Concen: 52.770 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 577740

Ion	Ratio	Lower	Upper
77	100		
105	98.2	80.5	120.5
106	95.9	76.1	116.1

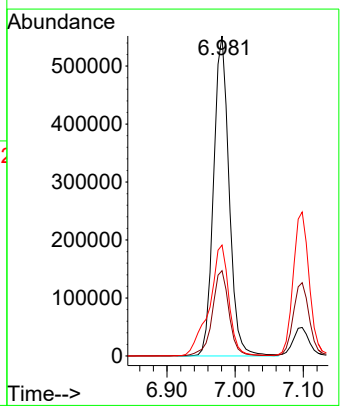


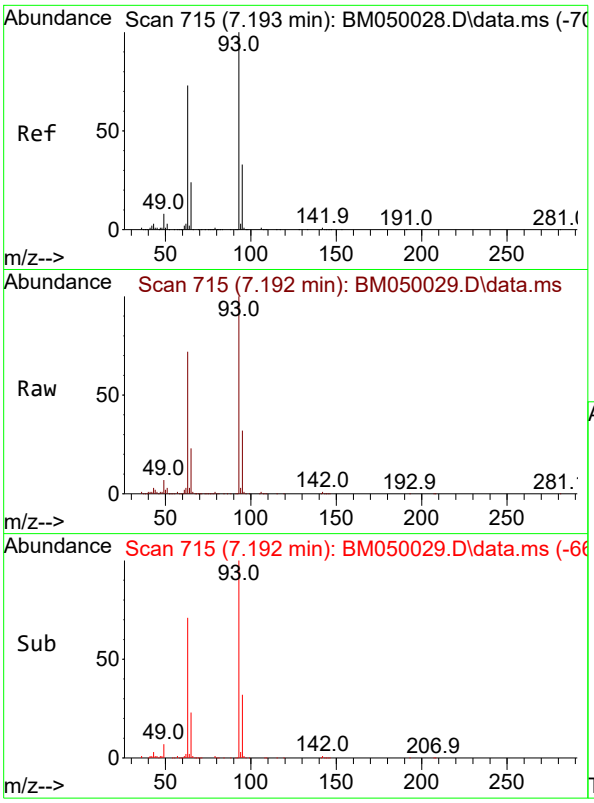


#10
Phenol
Concen: 52.897 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 94 Resp: 877155

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.7	15.8	55.8



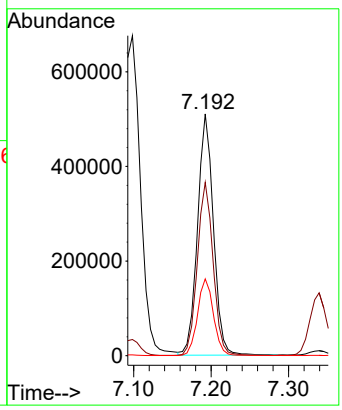


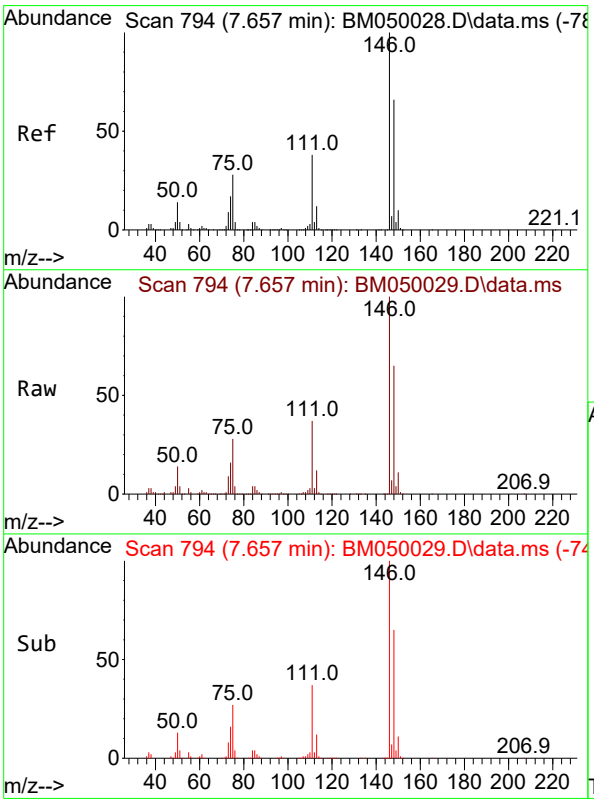
#11
bis(2-Chloroethyl)ether
Concen: 52.379 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 725268

Ion	Ratio	Lower	Upper
93	100		
63	71.7	52.3	92.3
95	31.8	12.8	52.8

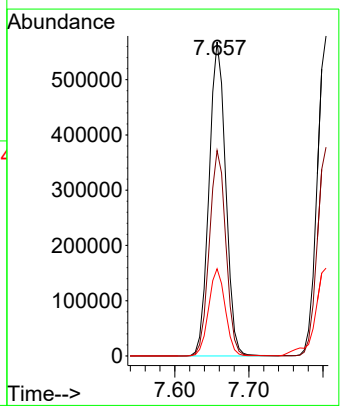


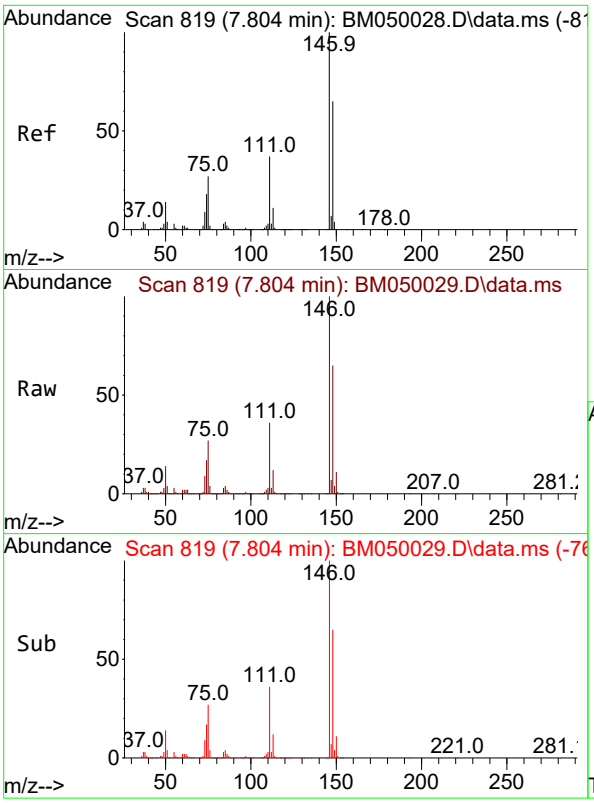


#12
1,3-Dichlorobenzene
Concen: 52.004 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 885183

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.8	22.6	34.0



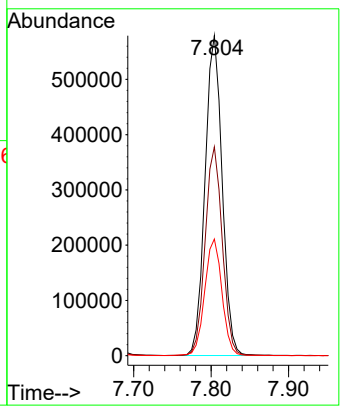


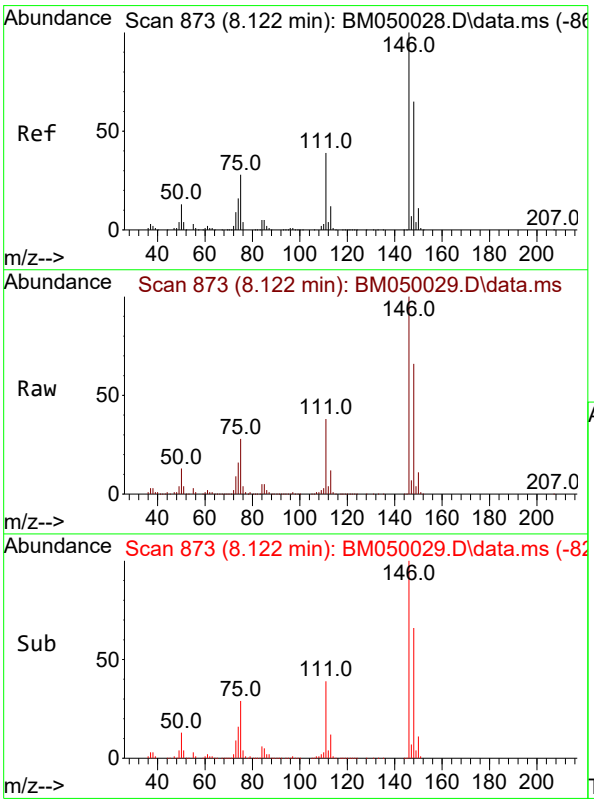
#13
1,4-Dichlorobenzene
Concen: 51.937 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 888114

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	36.5	29.3	43.9

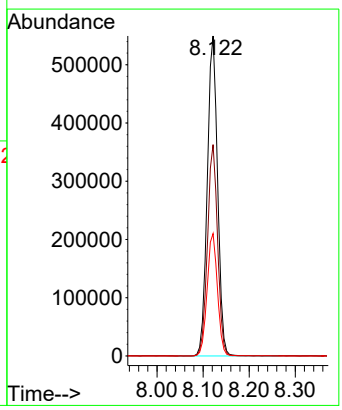


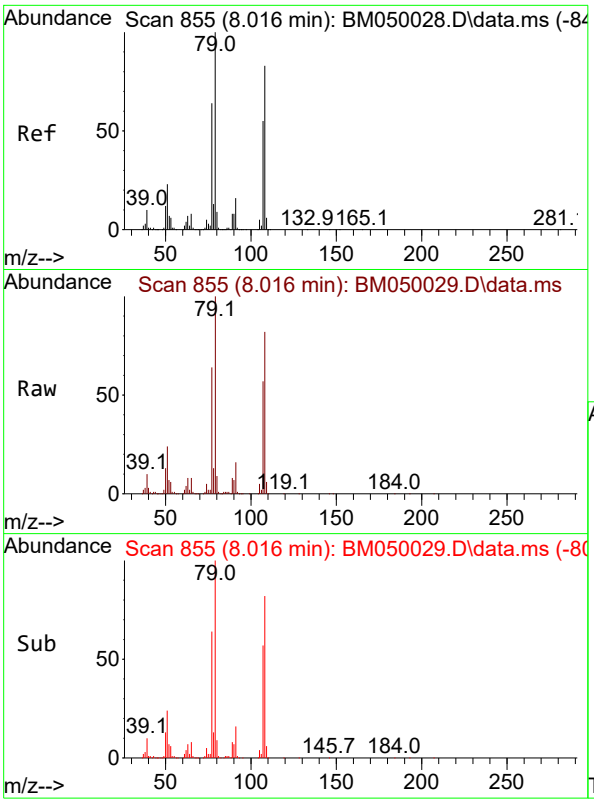


#14
1,2-Dichlorobenzene
Concen: 52.033 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:146 Resp: 859475

Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.4	78.6
111	38.2	31.0	46.6



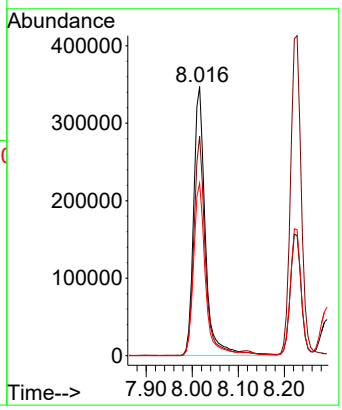


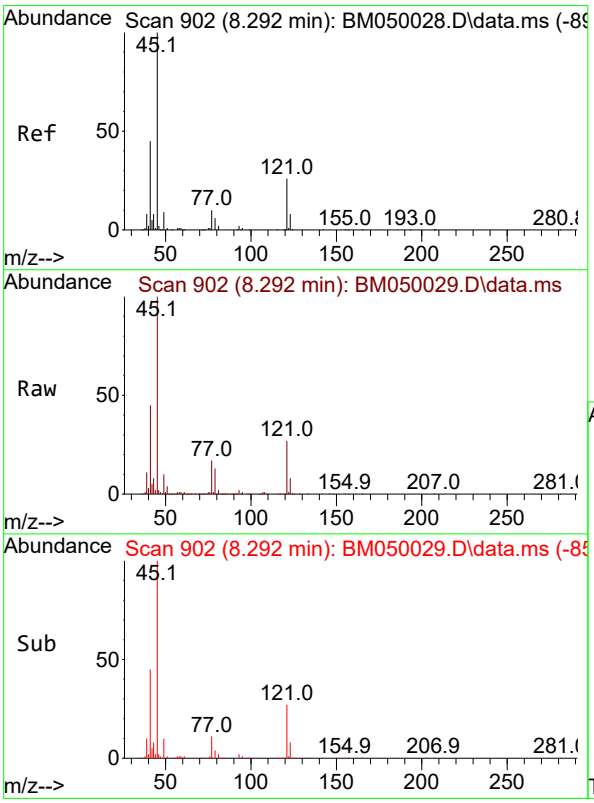
#15
Benzyl Alcohol
Concen: 53.947 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 612811

Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.0	99.0
77	64.1	51.6	77.4

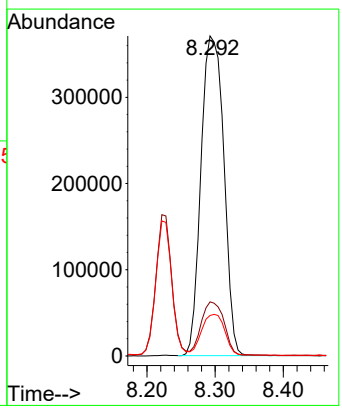


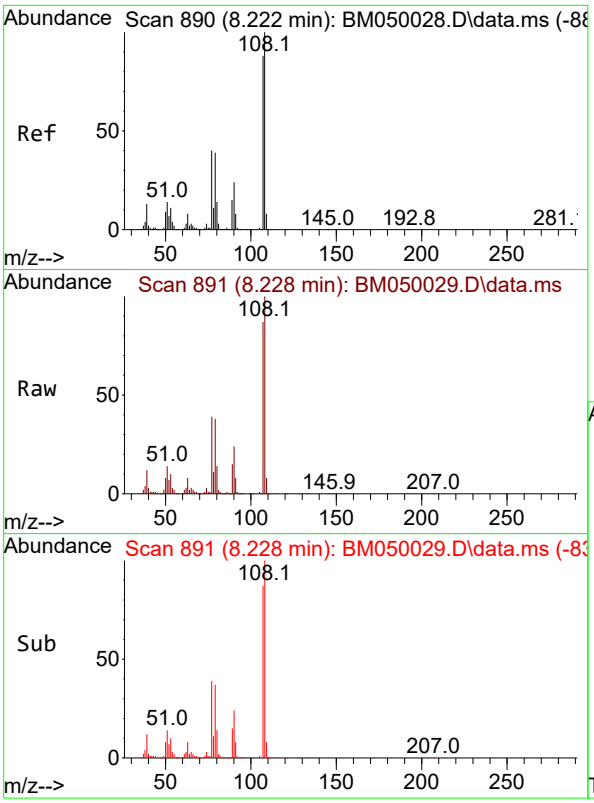


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.300 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 45 Resp: 863443

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.4
79	12.7	0.0	32.7



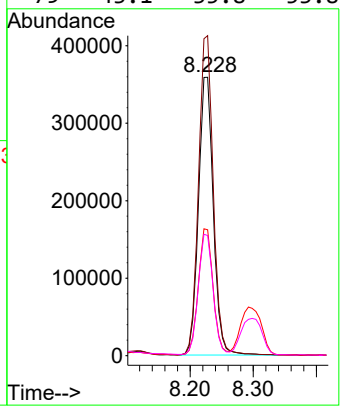


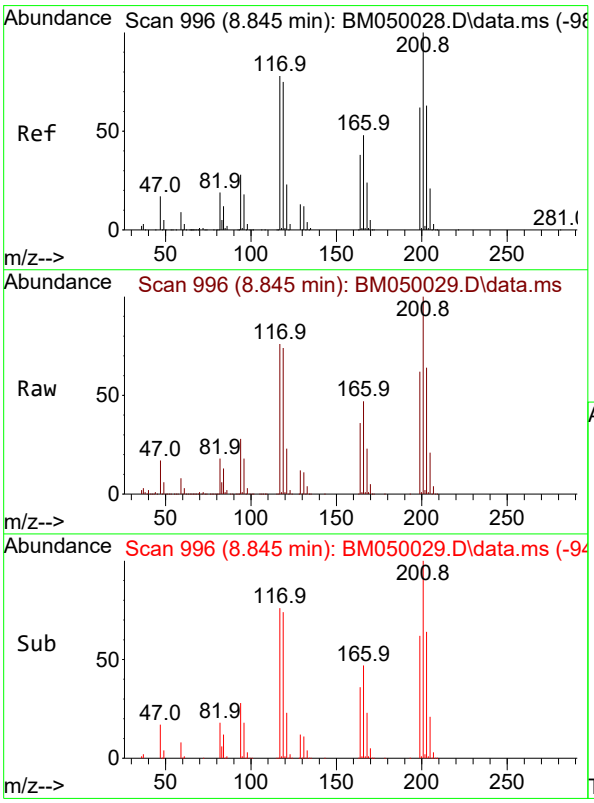
#17
2-Methylphenol
Concen: 53.563 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 585120

Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.1	136.7
77	45.2	36.2	54.4
79	43.1	35.8	53.8

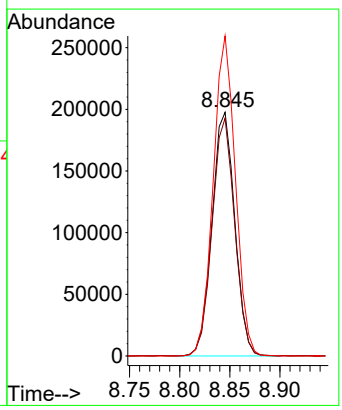


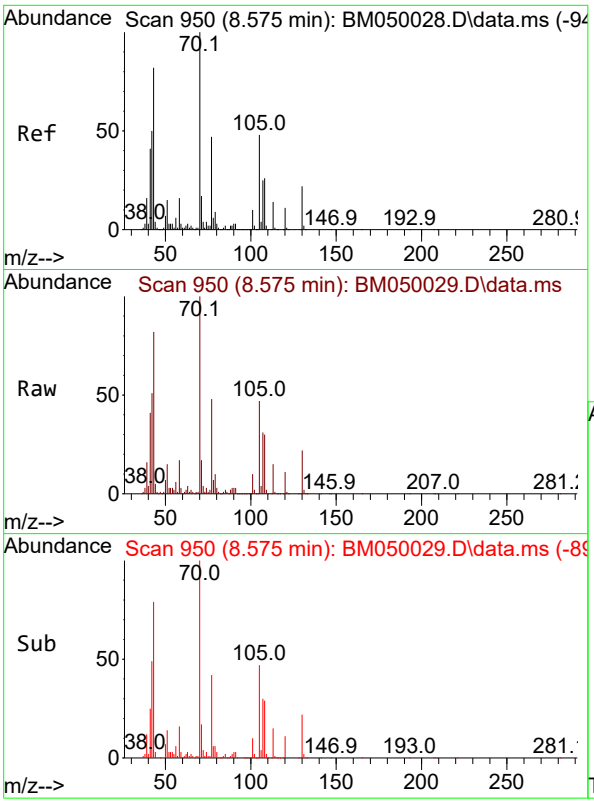


#18
Hexachloroethane
Concen: 51.444 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:117 Resp: 312710

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.3	115.9
201	131.4	102.8	154.2



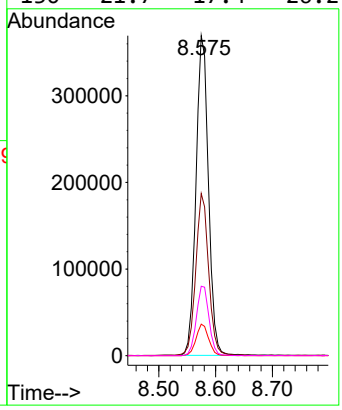


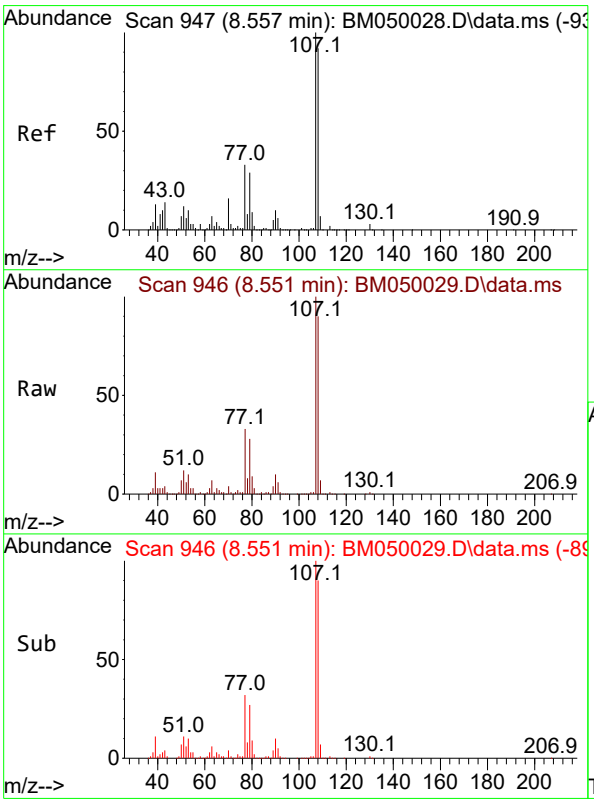
#19
n-Nitroso-di-n-propylamine
Concen: 53.672 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 563847

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	9.8	7.8	11.6
130	21.7	17.4	26.2

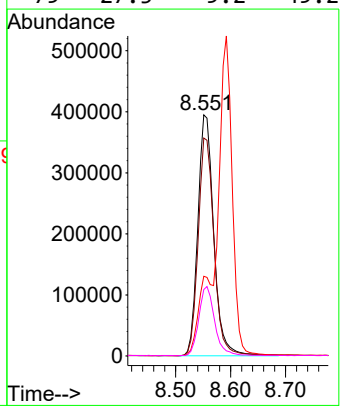


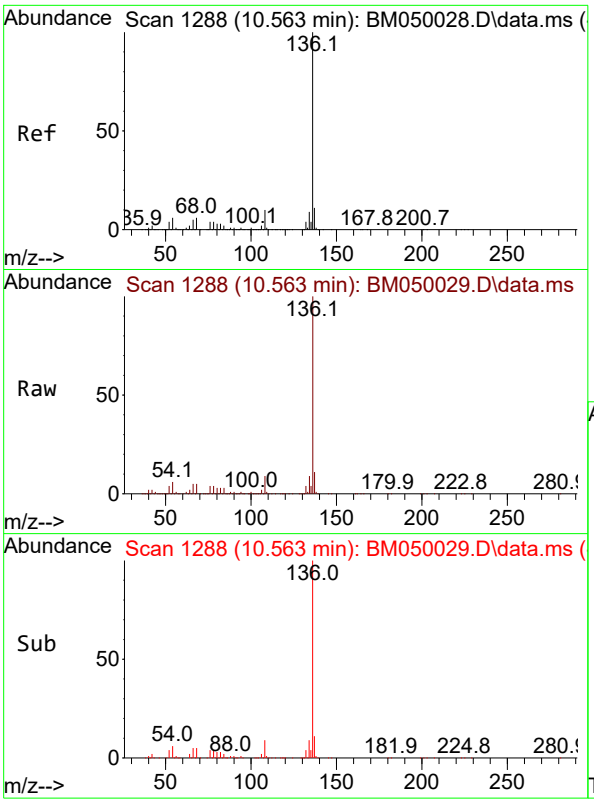


#20
3+4-Methylphenols
Concen: 53.851 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 794422

Ion	Ratio	Lower	Upper
107	100		
108	90.4	72.4	112.4
77	33.0	13.6	53.6
79	27.5	9.2	49.2



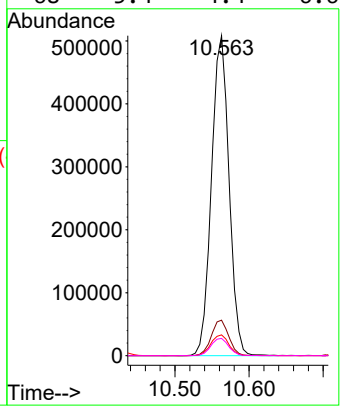


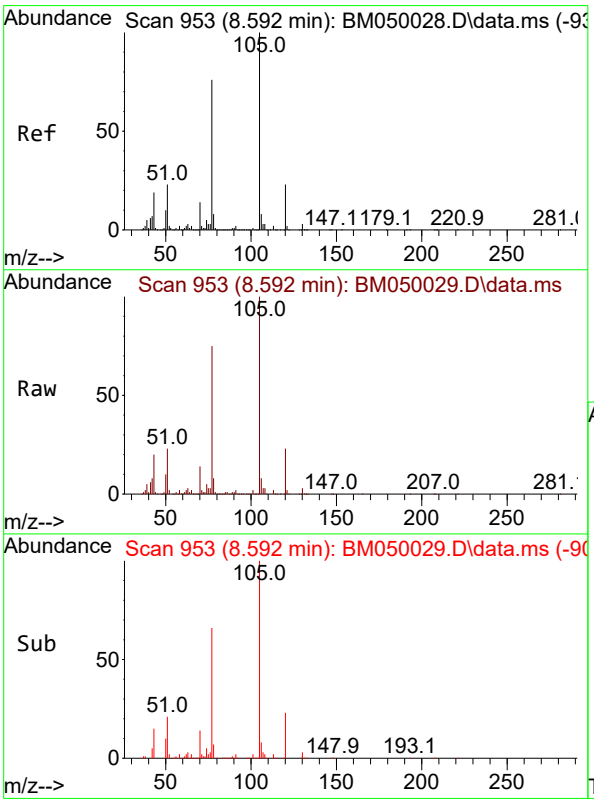
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 837552

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.1	7.7
68	5.4	4.4	6.6

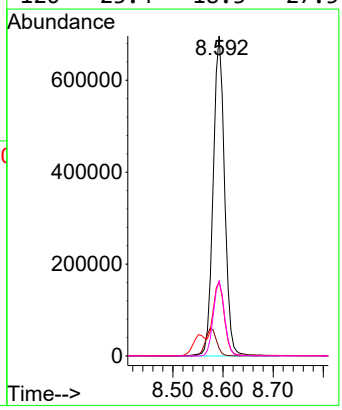


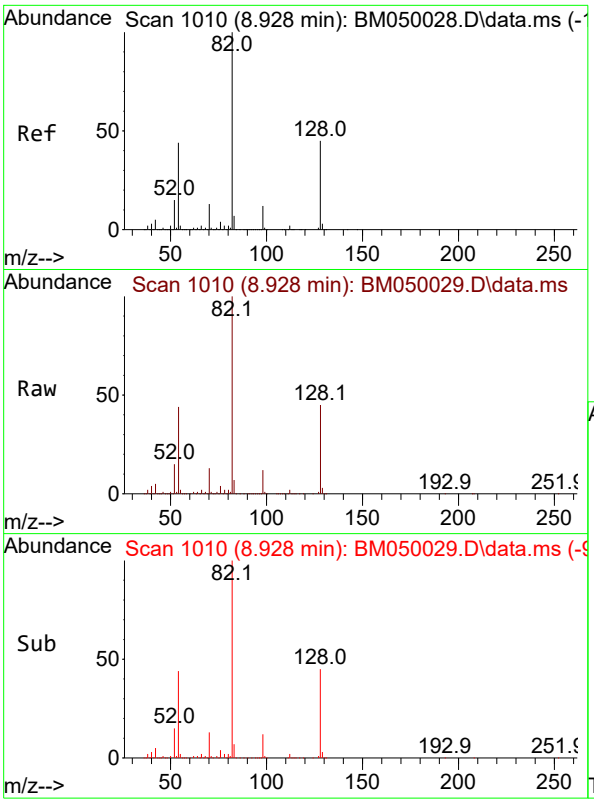


#22
Acetophenone
Concen: 52.827 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:105 Resp: 1100024

Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.7	2.5
51	23.2	18.6	27.8
120	23.4	18.3	27.5



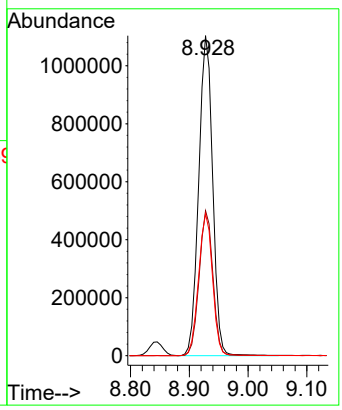


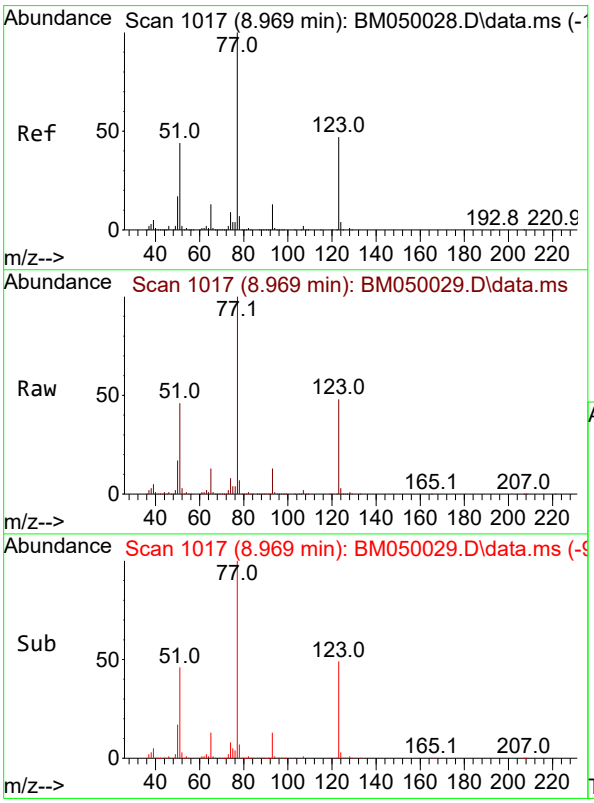
#23
Nitrobenzene-d5
Concen: 106.560 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1811208

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	44.3	35.4	53.2

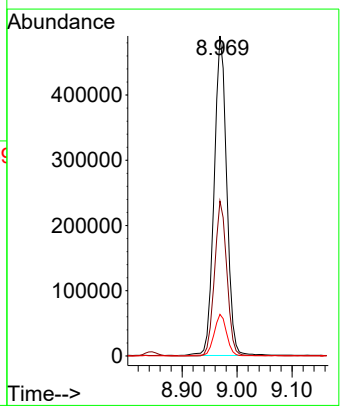


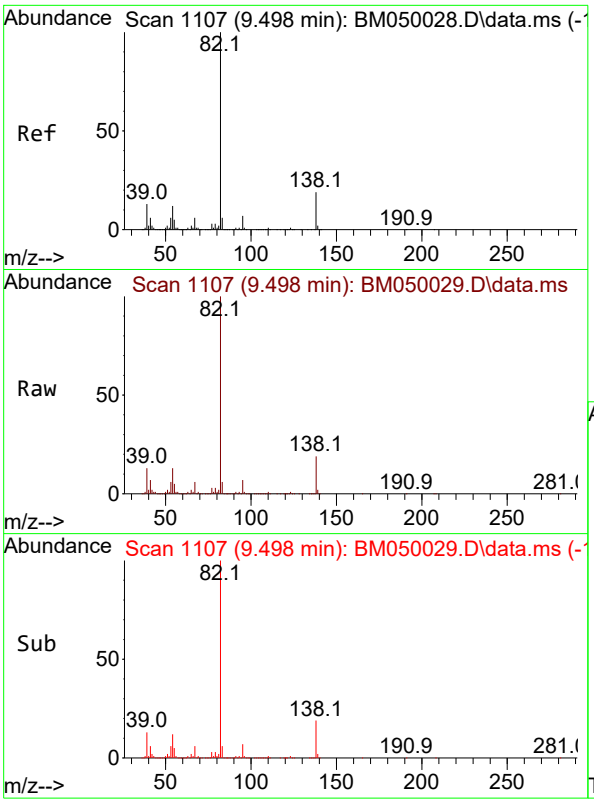


#24
Nitrobenzene
Concen: 53.020 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 77 Resp: 779215

Ion	Ratio	Lower	Upper
77	100		
123	48.4	37.9	56.9
65	13.0	10.1	15.1



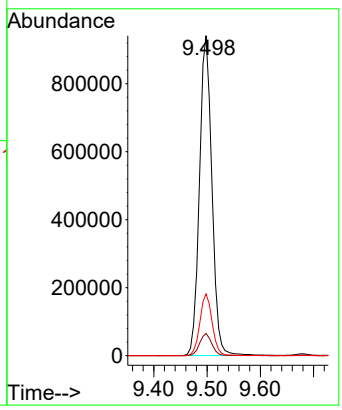


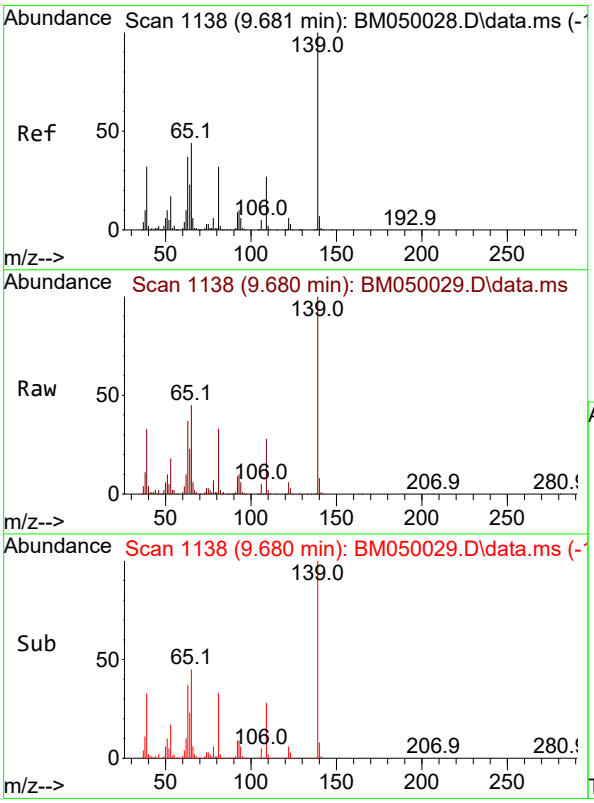
#25
Isophorone
Concen: 52.685 ng
RT: 9.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1526436

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	19.3	15.5	23.3

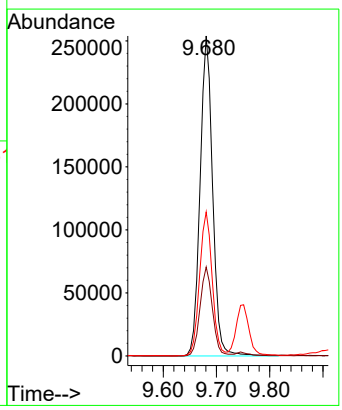


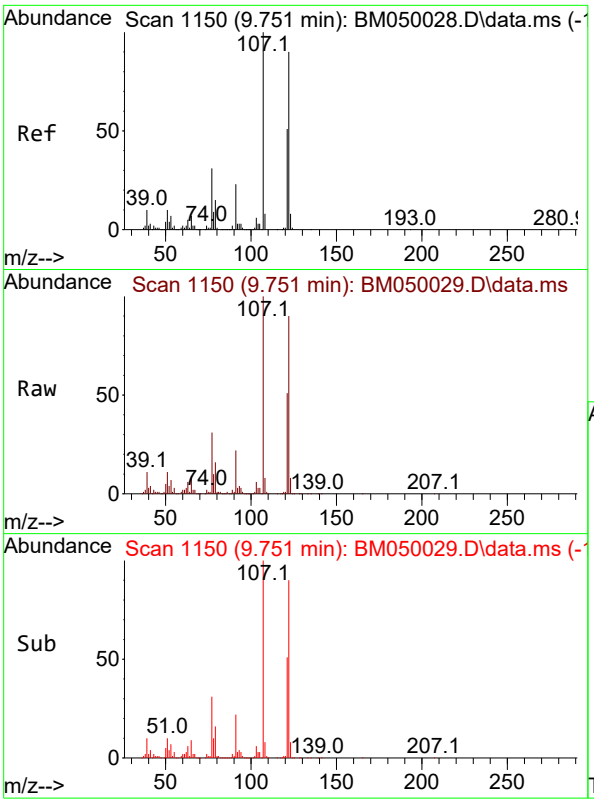


#26
2-Nitrophenol
Concen: 55.315 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 415316

Ion	Ratio	Lower	Upper
139	100		
109	27.8	21.9	32.9
65	45.0	35.4	53.2



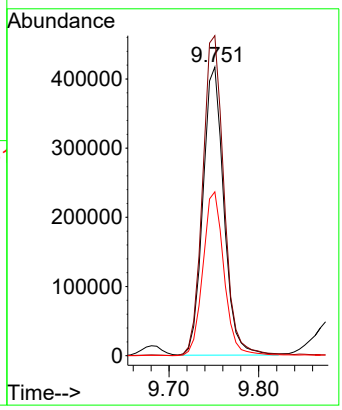


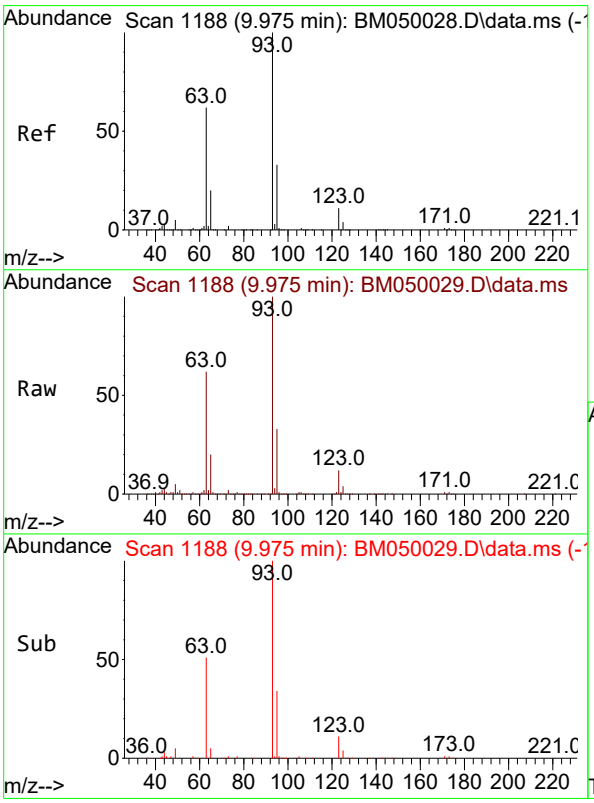
#27
2,4-Dimethylphenol
Concen: 54.175 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 674547

Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.0	133.6
121	56.7	45.6	68.4

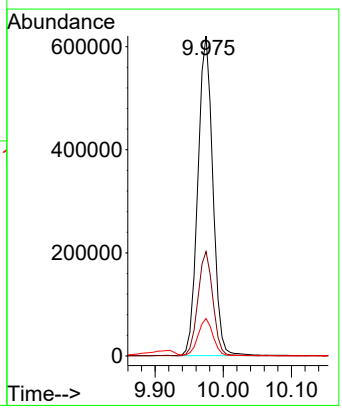


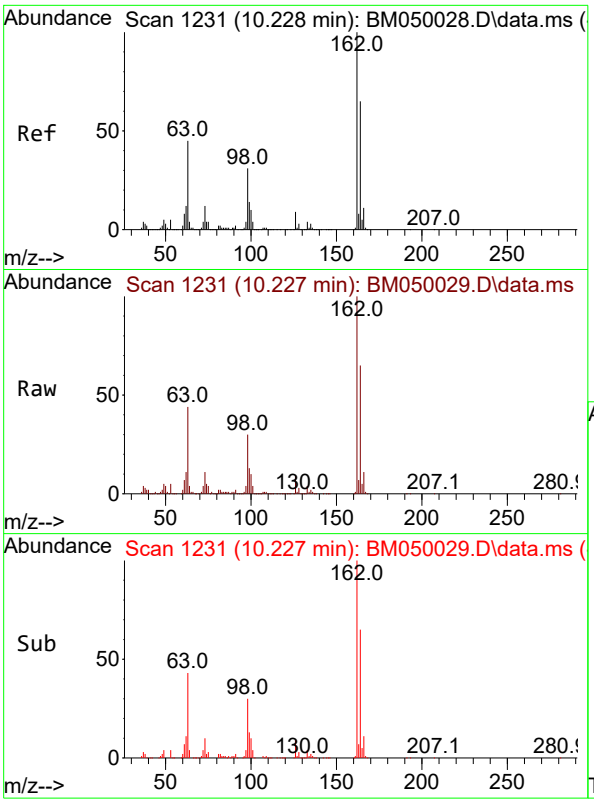


#28
bis(2-Chloroethoxy)methane
Concen: 52.843 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 93 Resp: 946285

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.1	39.1
123	11.7	9.5	14.3



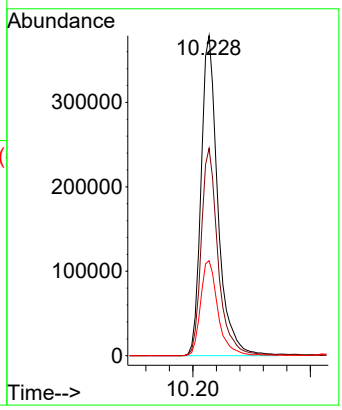


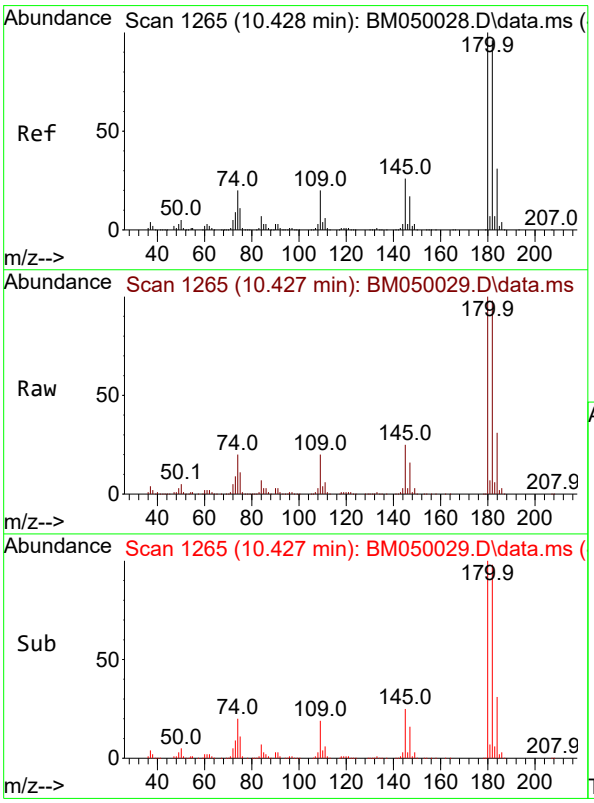
#29
2,4-Dichlorophenol
Concen: 53.847 ng
RT: 10.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 751117

Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.4	85.4
98	29.7	11.3	51.3

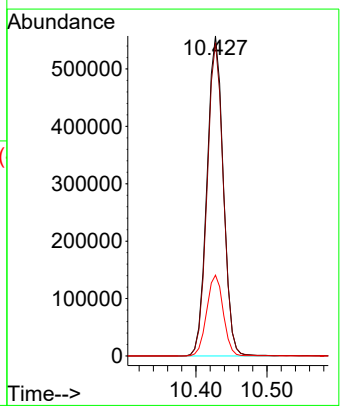


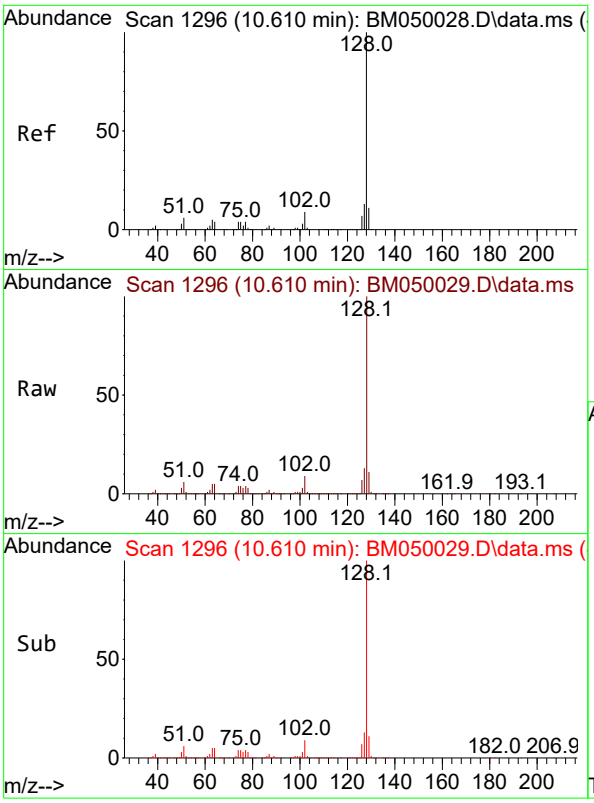


#30
1,2,4-Trichlorobenzene
Concen: 52.457 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:180 Resp: 891501

Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.0	115.4
145	25.3	20.6	30.8



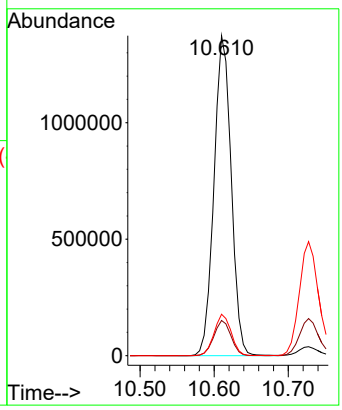


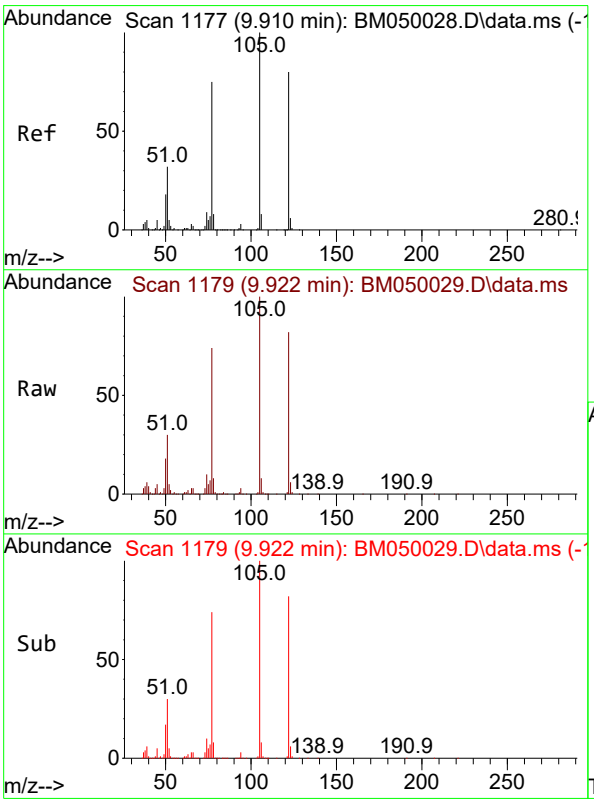
#31
Naphthalene
Concen: 52.198 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 2214025

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.4	15.6

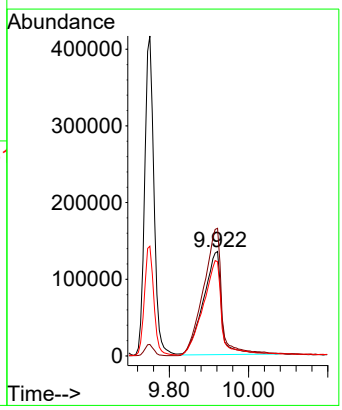


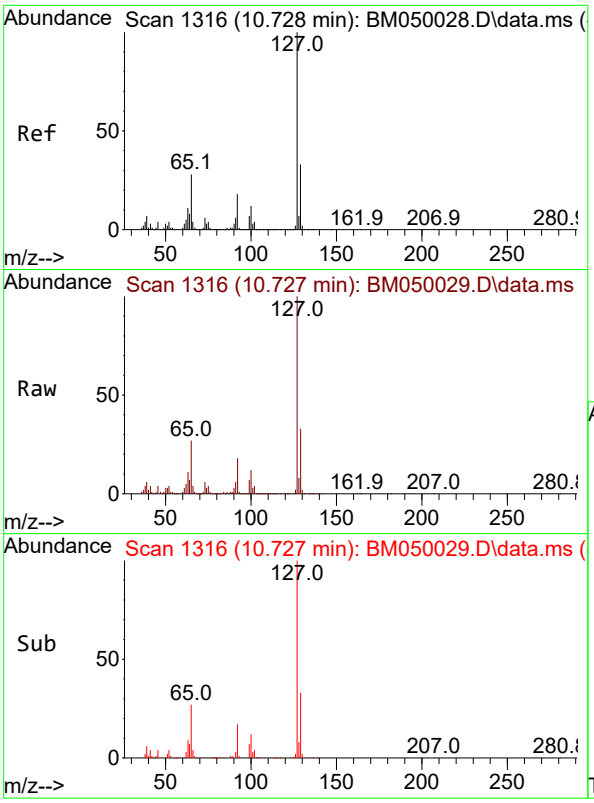


#32
Benzoic acid
Concen: 54.343 ng
RT: 9.922 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:122 Resp: 431557

Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.6	143.6
77	90.1	73.7	113.7



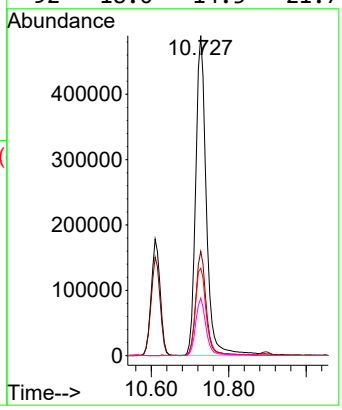


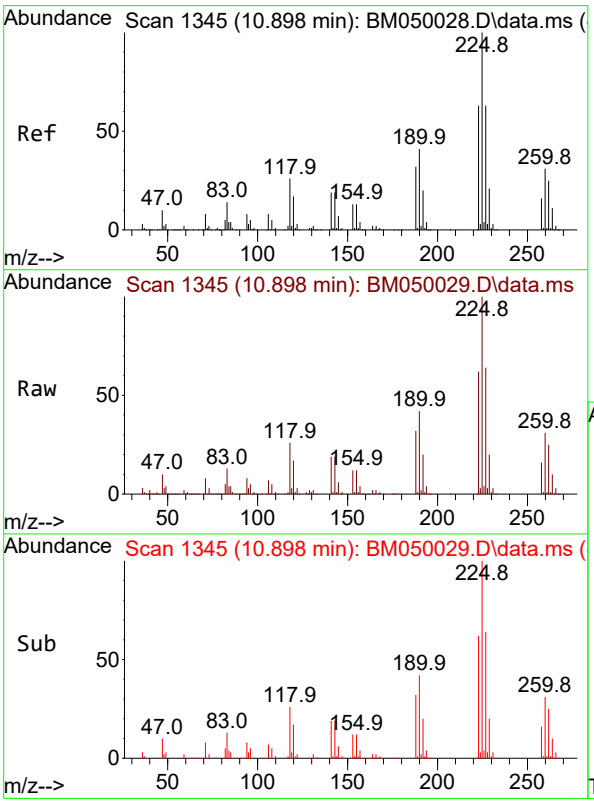
#33
4-Chloroaniline
Concen: 53.913 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 937309

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	27.3	22.5	33.7
92	18.0	14.5	21.7

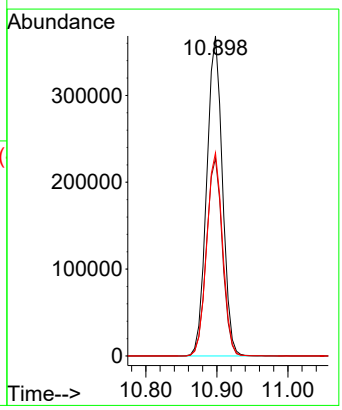


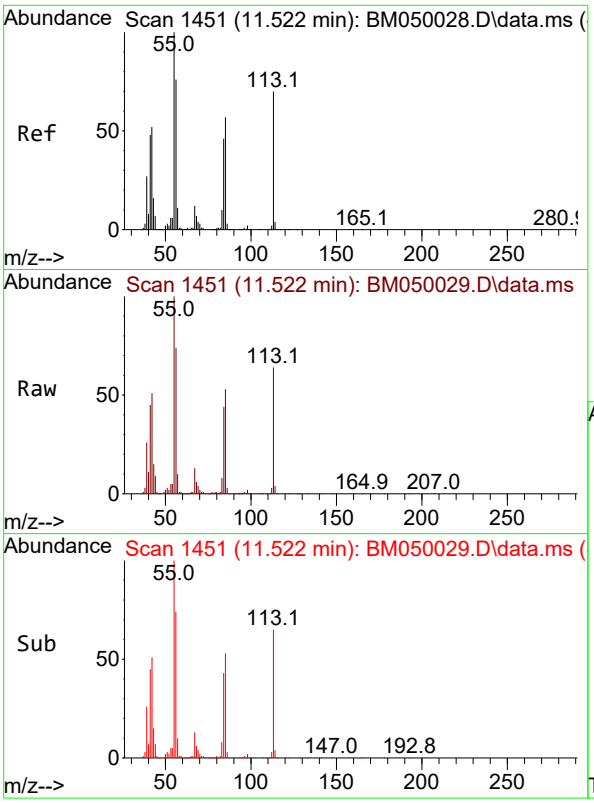


#34
Hexachlorobutadiene
Concen: 52.471 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:225 Resp: 566049

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.2
227	63.5	50.6	76.0



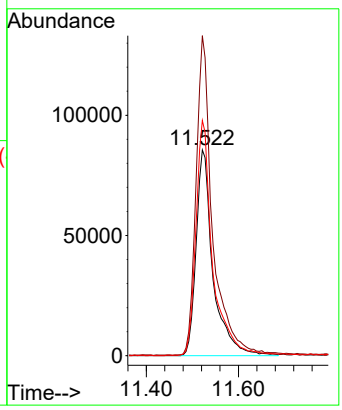


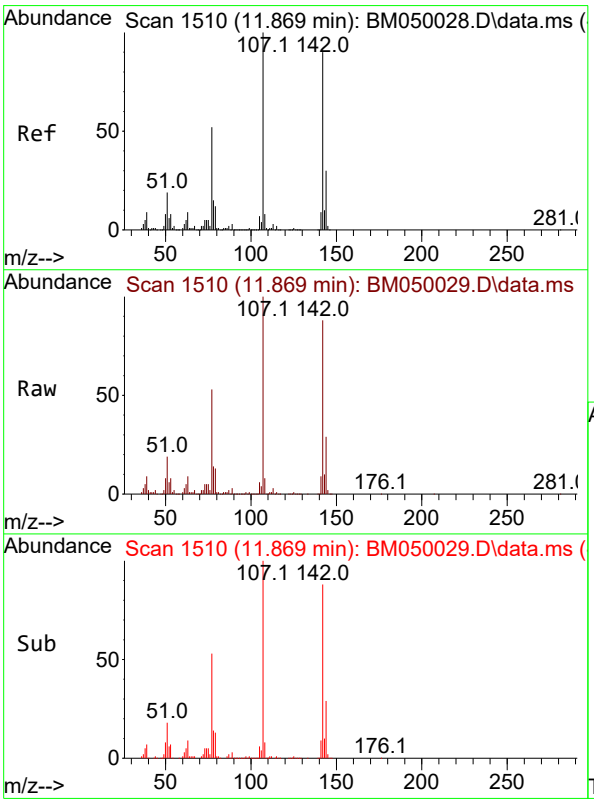
#35
Caprolactam
Concen: 53.741 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 218572

Ion	Ratio	Lower	Upper
113	100		
55	155.5	122.9	162.9
56	114.3	88.1	128.1

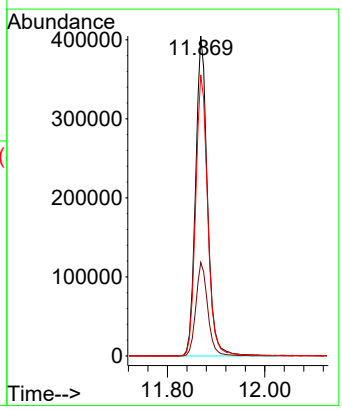


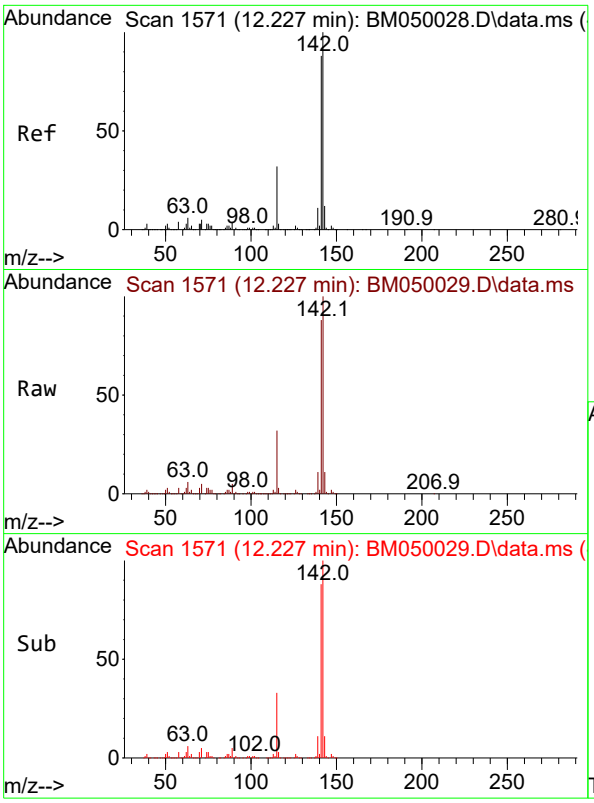


#36
4-Chloro-3-methylphenol
Concen: 53.394 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:107 Resp: 688099

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	87.9	71.9	107.9



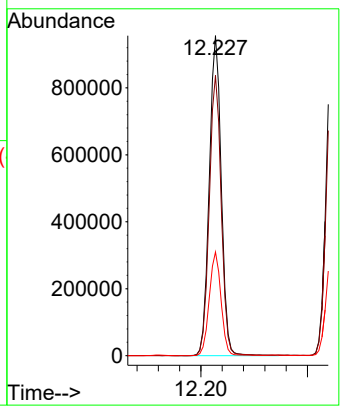


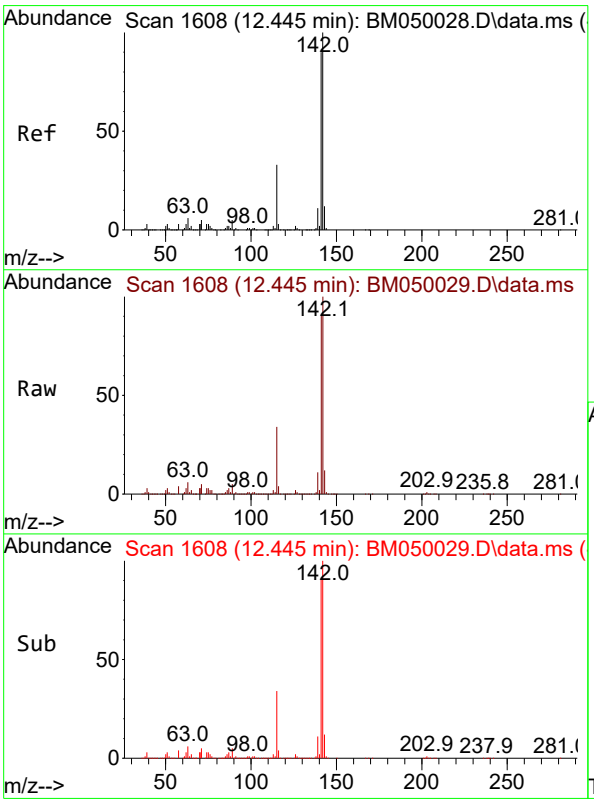
#37
2-Methylnaphthalene
Concen: 52.548 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 1494348

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.4	105.6
115	32.4	25.4	38.2

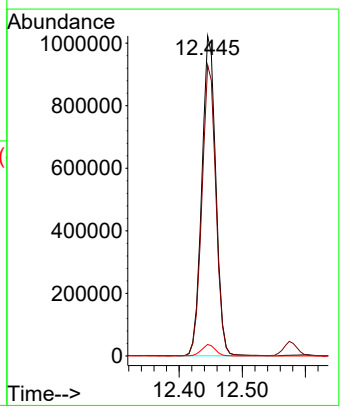


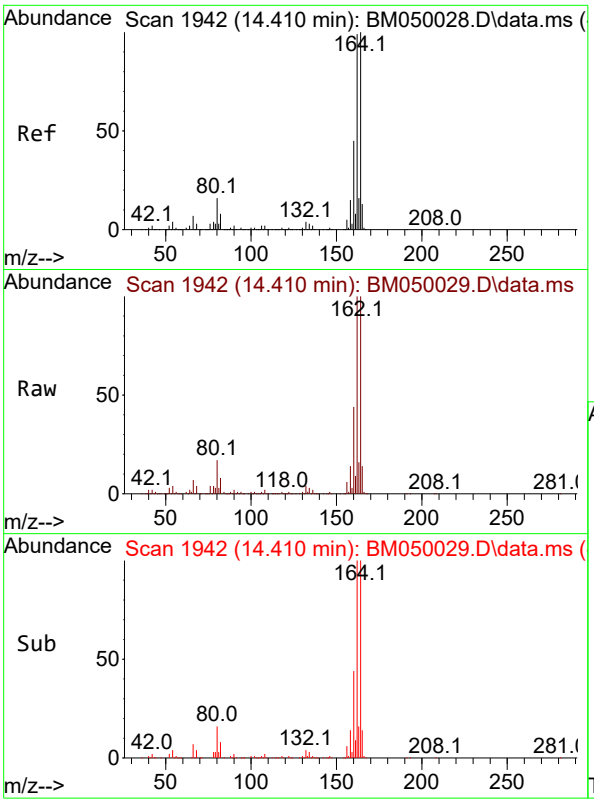


#38
1-Methylnaphthalene
Concen: 52.243 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:142 Resp: 1572248

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.6	2.7	4.1



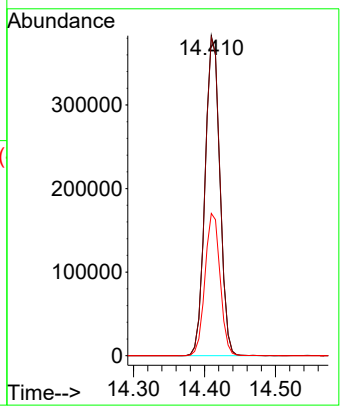


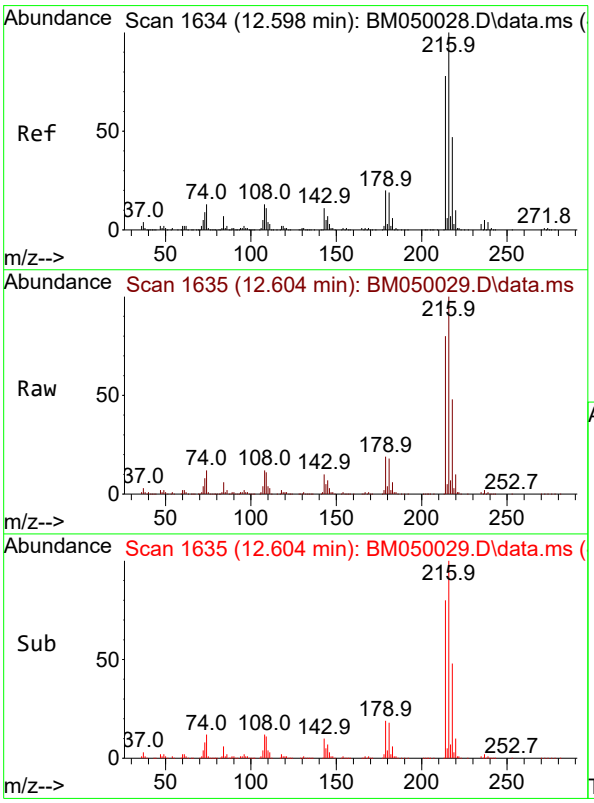
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 554448

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	44.4	36.2	54.4

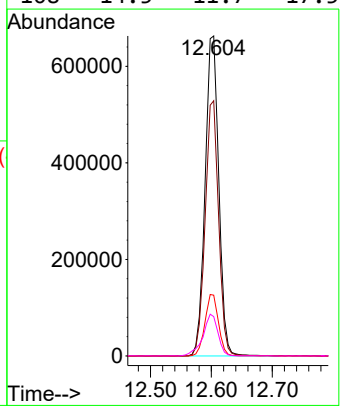


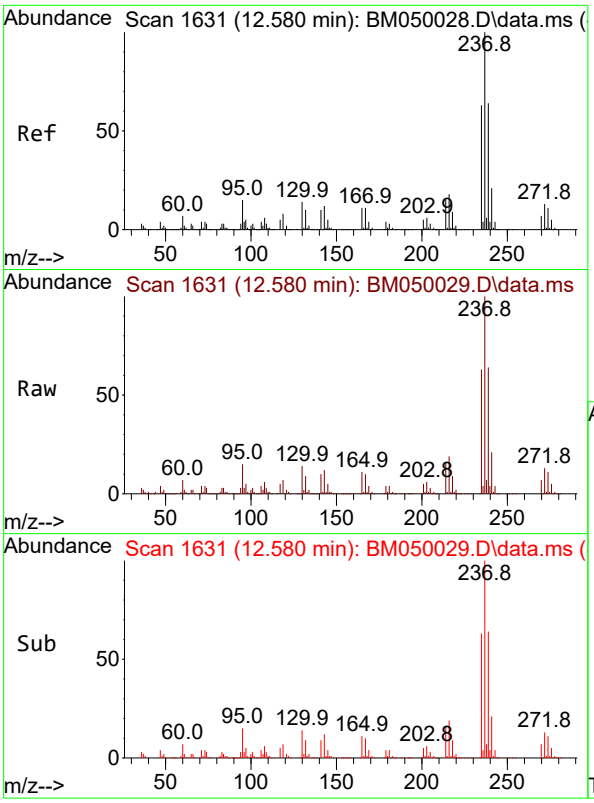


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.822 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:216 Resp: 1033027

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.3	93.5
179	19.1	15.4	23.0
108	14.5	11.7	17.5



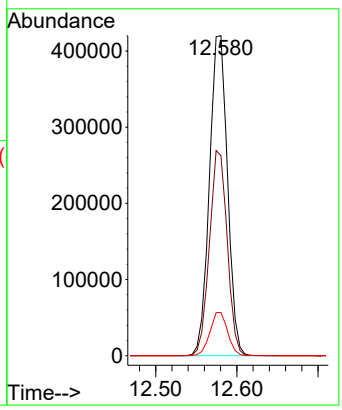


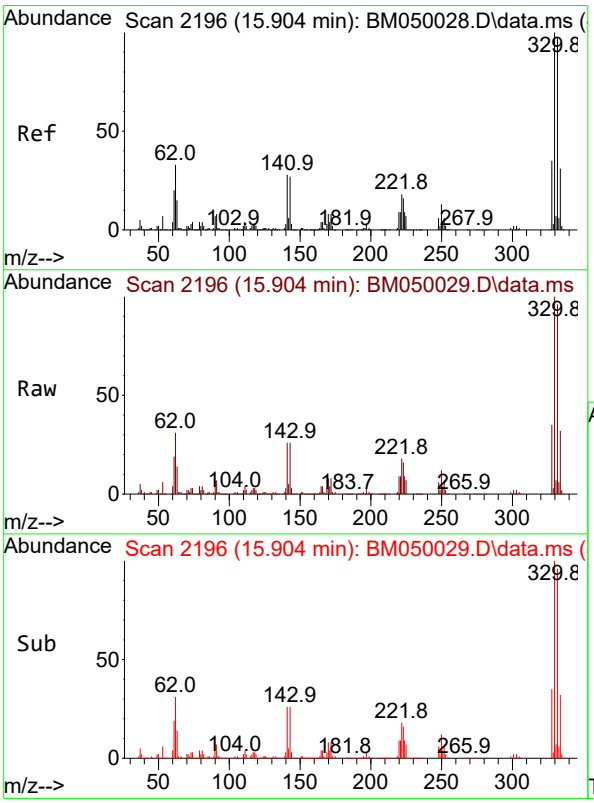
#41
Hexachlorocyclopentadiene
Concen: 55.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 649060

Ion	Ratio	Lower	Upper
237	100		
235	62.6	42.9	82.9
272	13.5	0.0	32.9

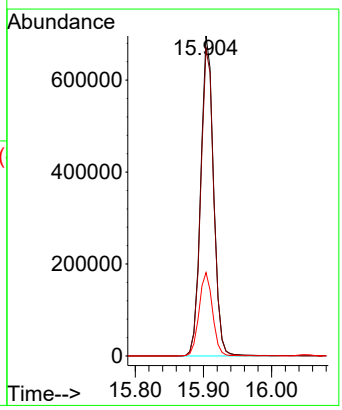


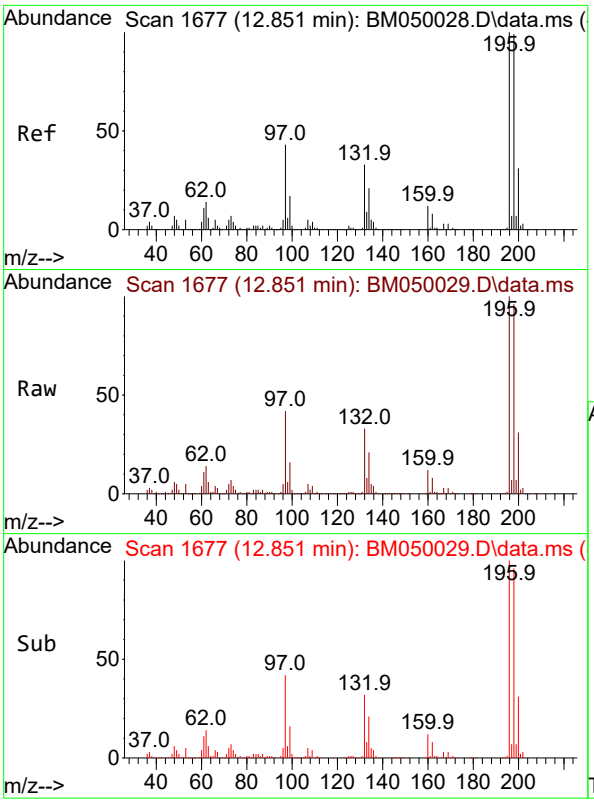


#42
2,4,6-Tribromophenol
Concen: 111.203 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:330 Resp: 911669

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	27.3	22.5	33.7



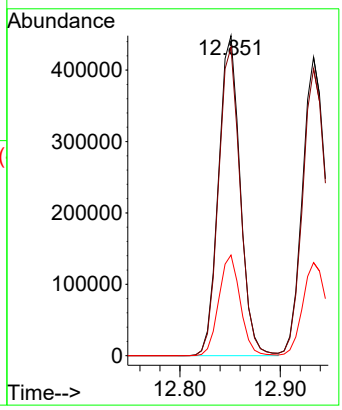


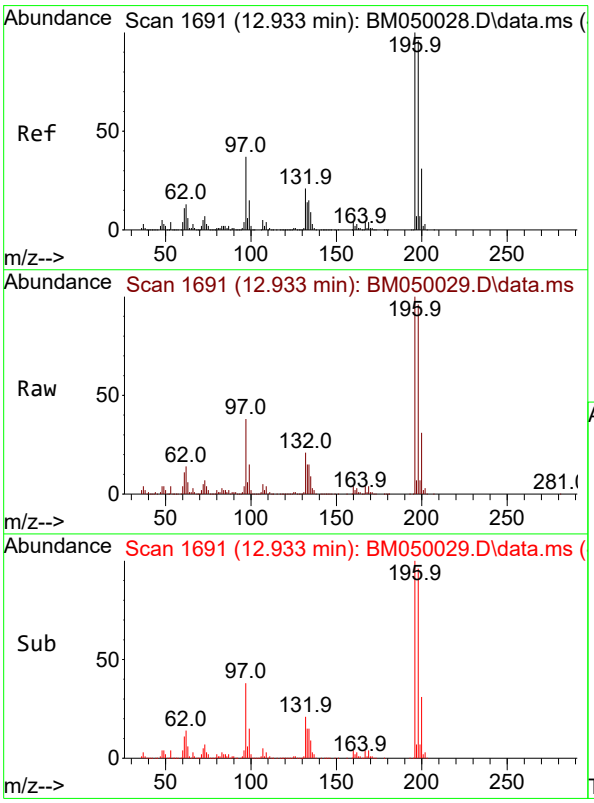
#43
2,4,6-Trichlorophenol
Concen: 55.275 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 672901

Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.0	118.6
200	31.4	25.1	37.7

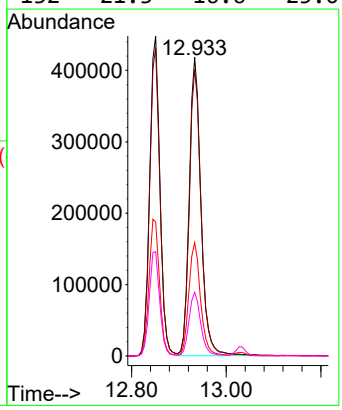


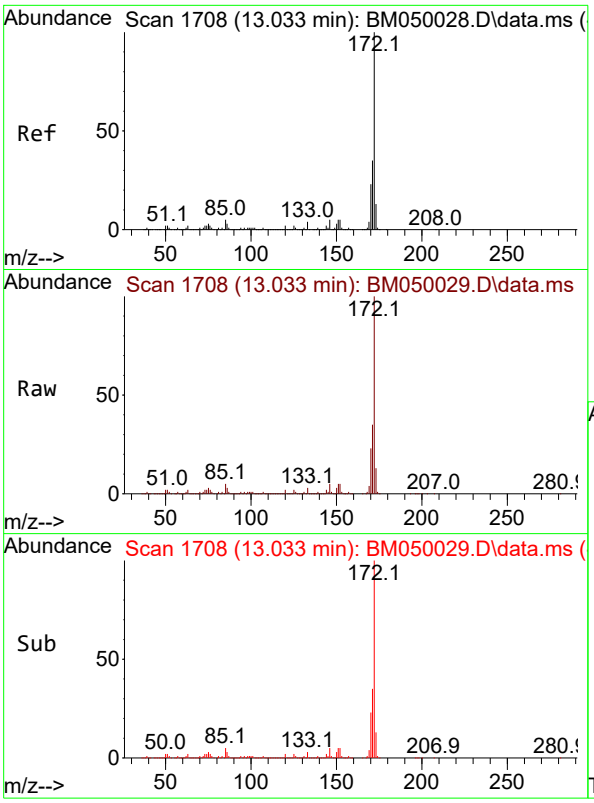


#44
2,4,5-Trichlorophenol
Concen: 54.841 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:196 Resp: 719930

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
97	37.9	30.1	45.1
132	21.3	16.6	25.0



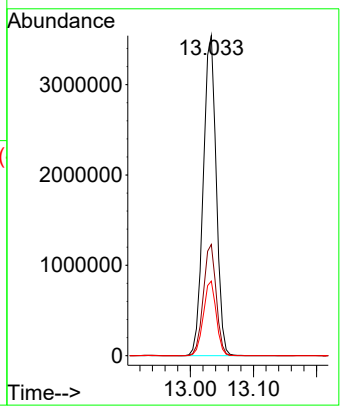


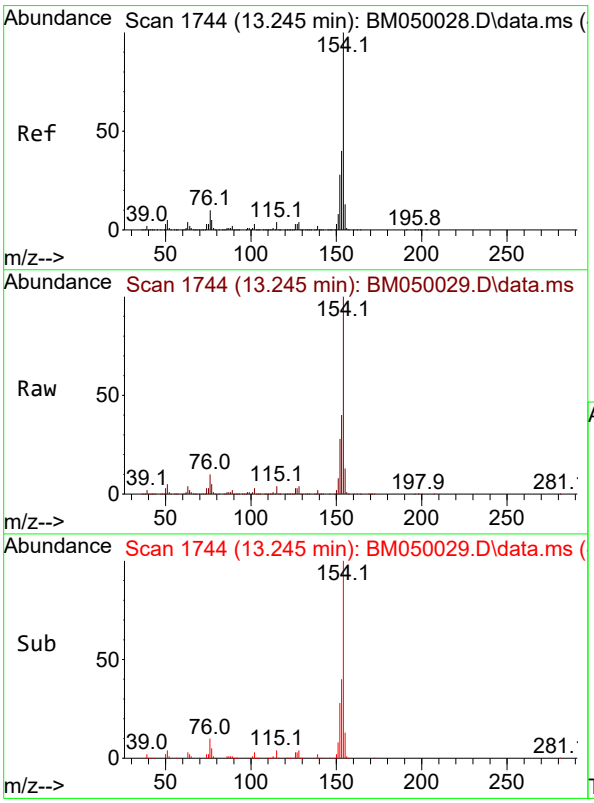
#45
2-Fluorobiphenyl
Concen: 107.775 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 5051261

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0

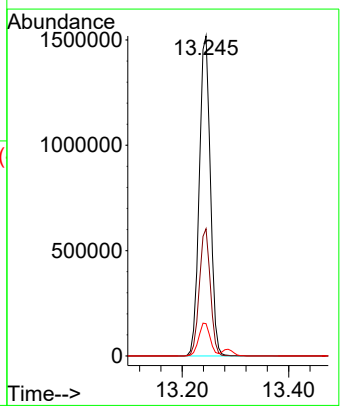


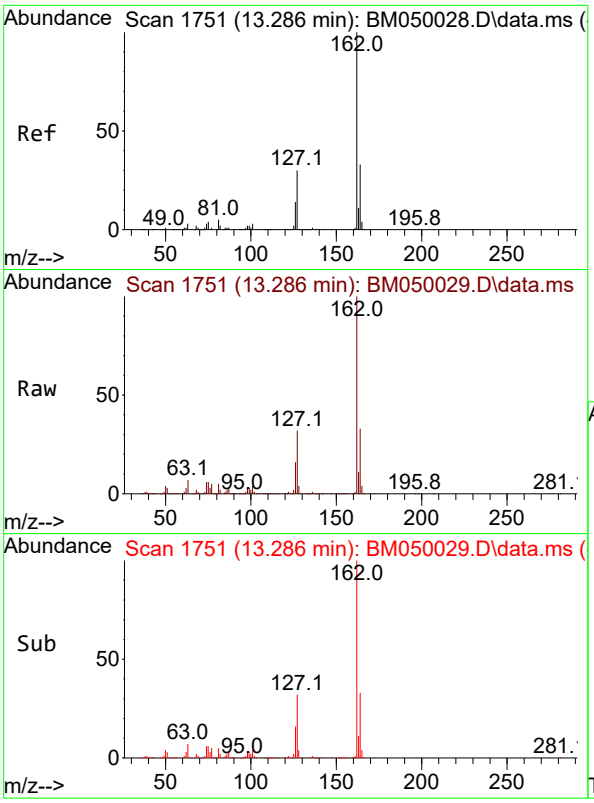


#46
1,1'-Biphenyl
Concen: 53.185 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 2191996

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	10.1	0.0	30.3



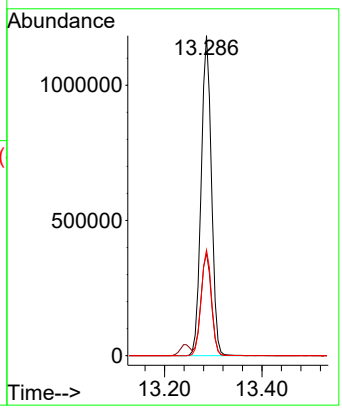


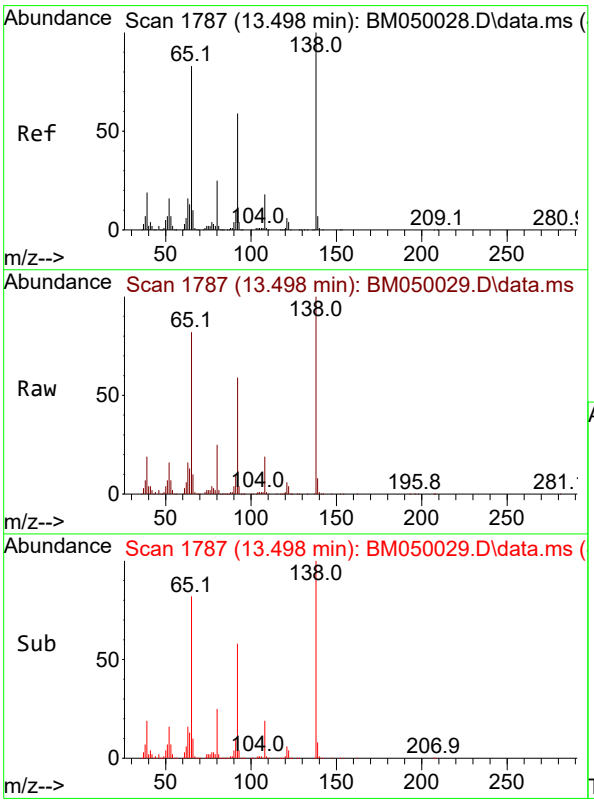
#47
2-Chloronaphthalene
Concen: 52.989 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 1729678

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.1	26.6	40.0

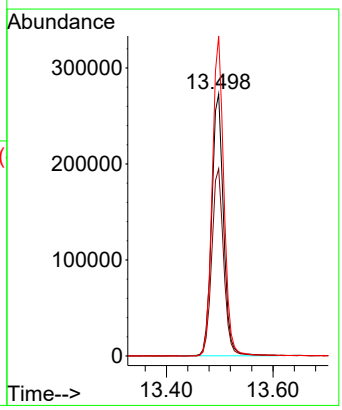


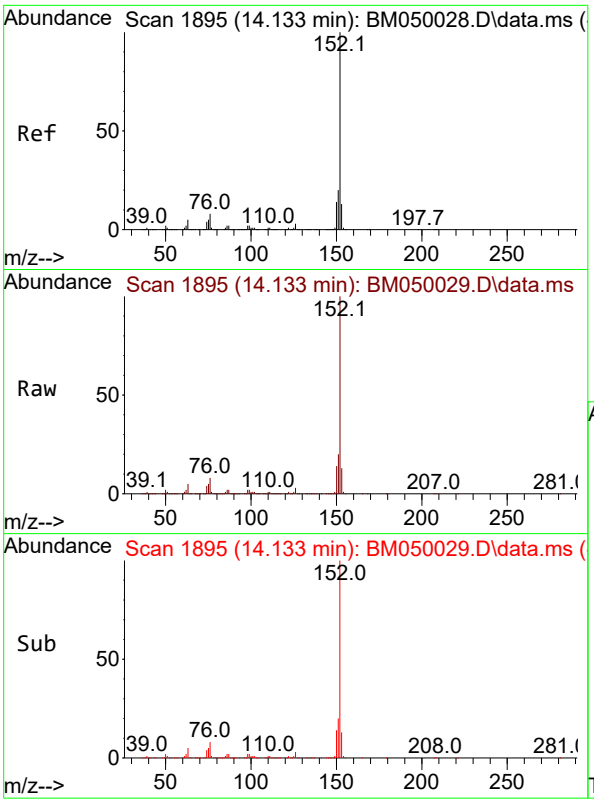


#48
2-Nitroaniline
Concen: 55.016 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion: 65 Resp: 421489

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.2	97.0	145.4



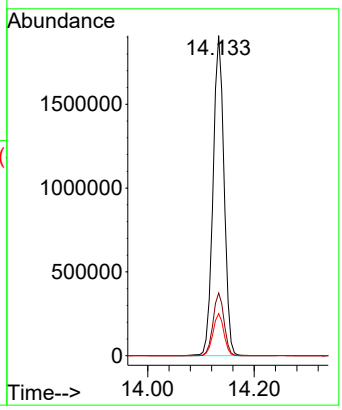


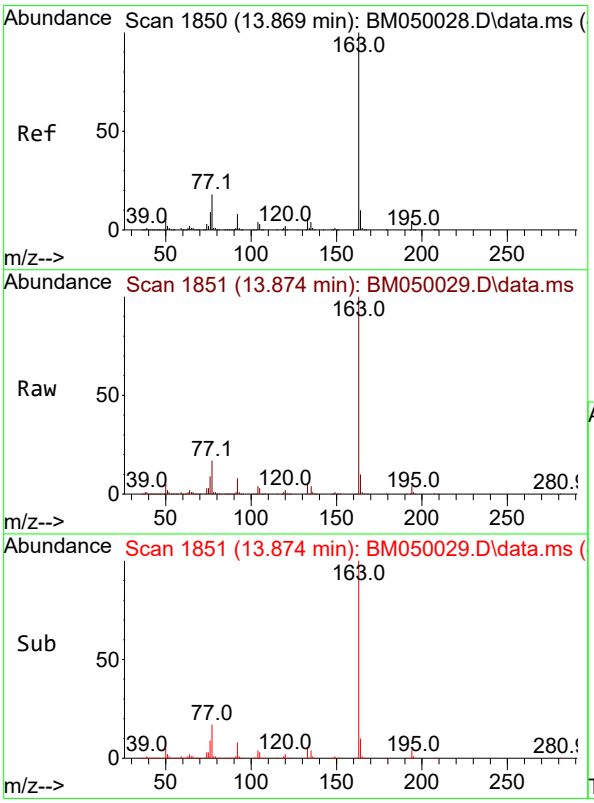
#49
Acenaphthylene
Concen: 53.082 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 2731966

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.1	10.6	15.8

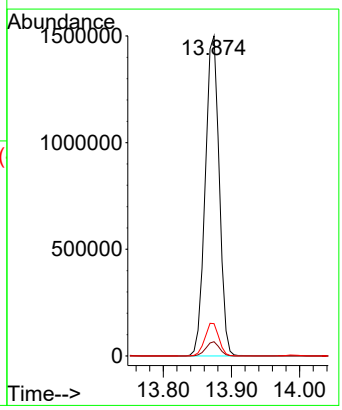


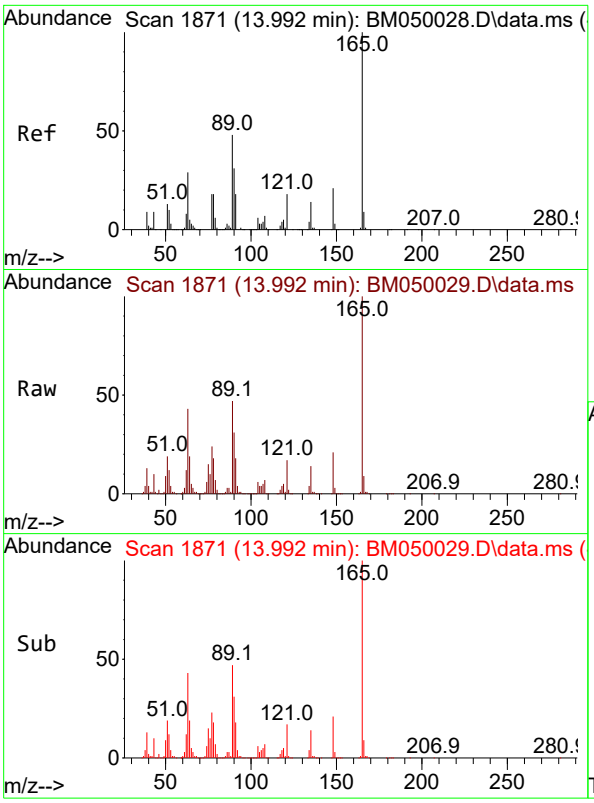


#50
Dimethylphthalate
Concen: 52.770 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:163 Resp: 2138242

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2



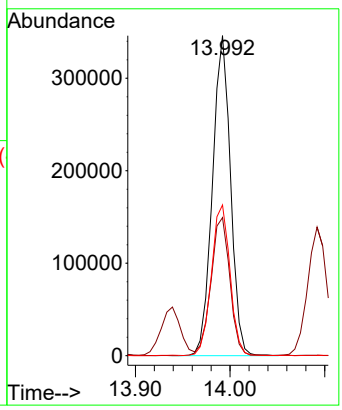


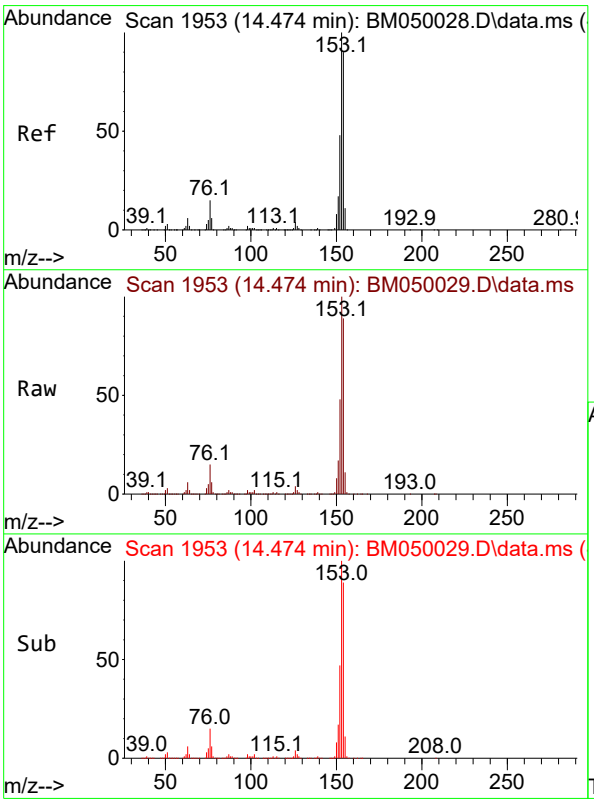
#51
2,6-Dinitrotoluene
Concen: 54.650 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 458476

Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.1	52.7
89	47.1	38.4	57.6

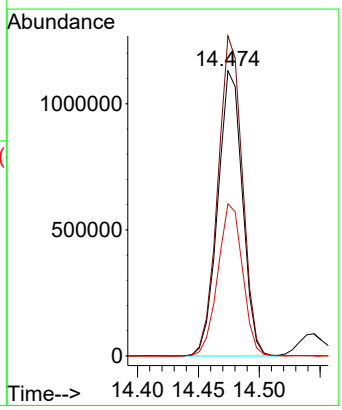


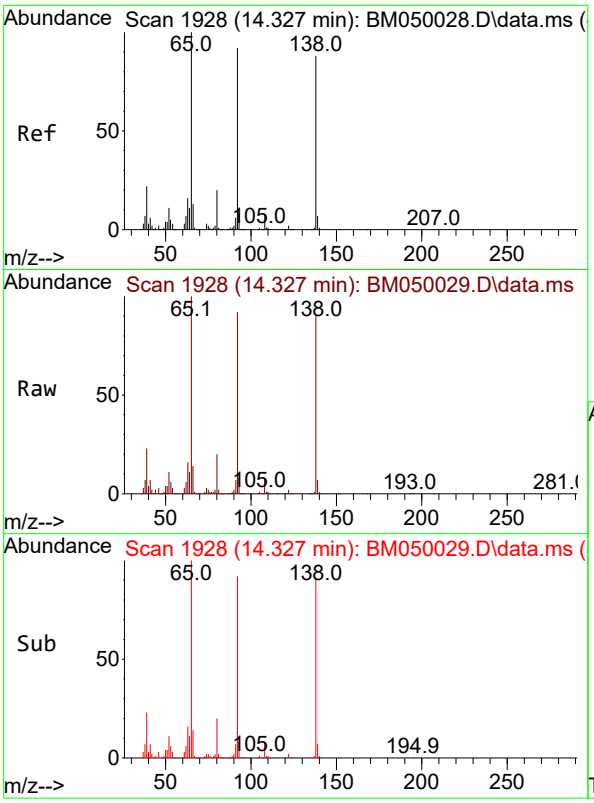


#52
Acenaphthene
Concen: 53.287 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:154 Resp: 1587472

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.4	43.0	64.6



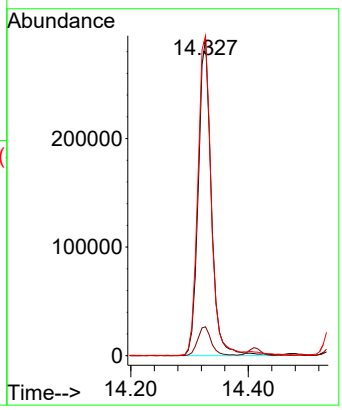


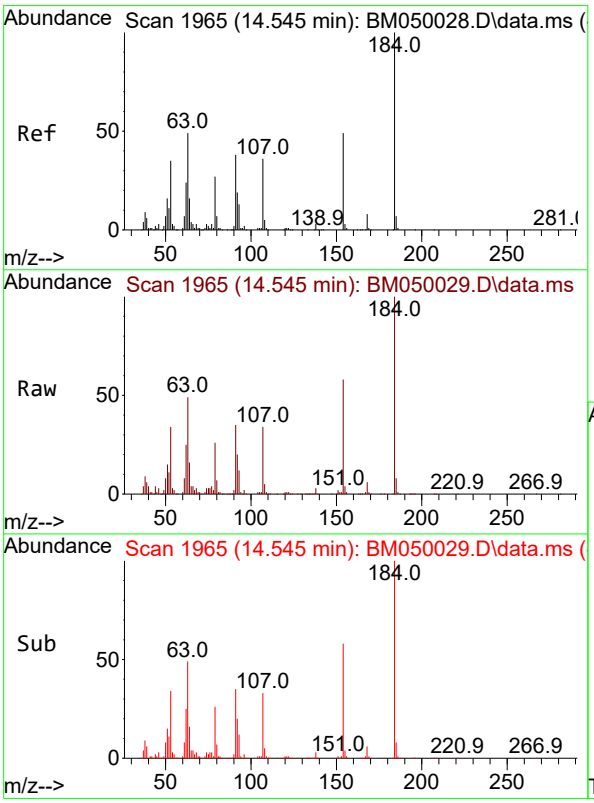
#53
3-Nitroaniline
Concen: 56.186 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 450021

Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.4	11.2
92	101.0	84.0	126.0

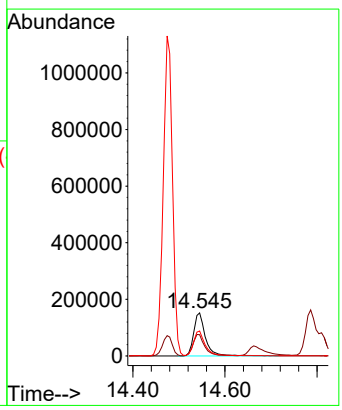


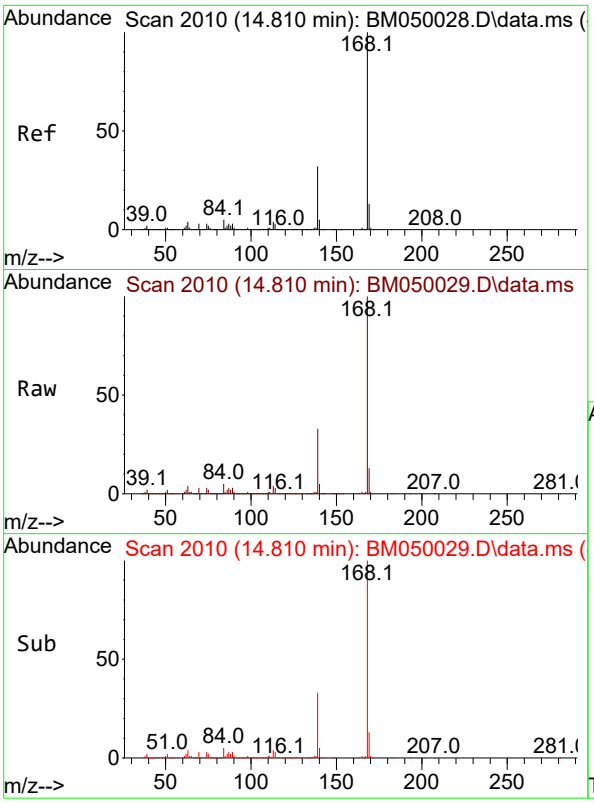


#54
2,4-Dinitrophenol
Concen: 52.338 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:184 Resp: 269515

Ion	Ratio	Lower	Upper
184	100		
63	49.3	39.8	59.6
154	58.0	46.1	69.1



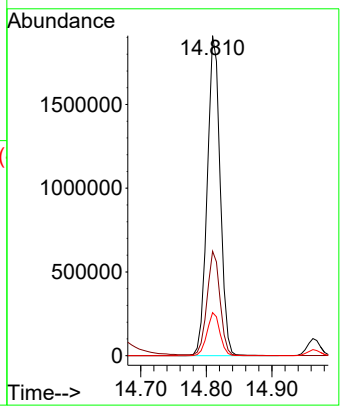


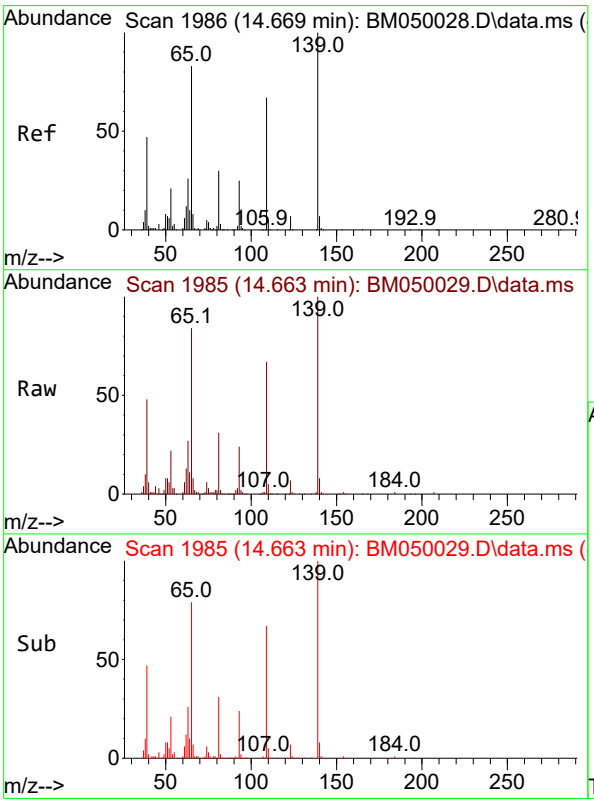
#55
Dibenzofuran
Concen: 52.809 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 2617489

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.5	10.8	16.2

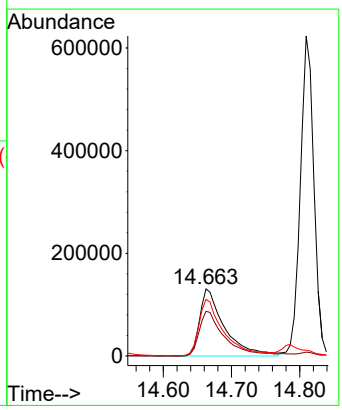


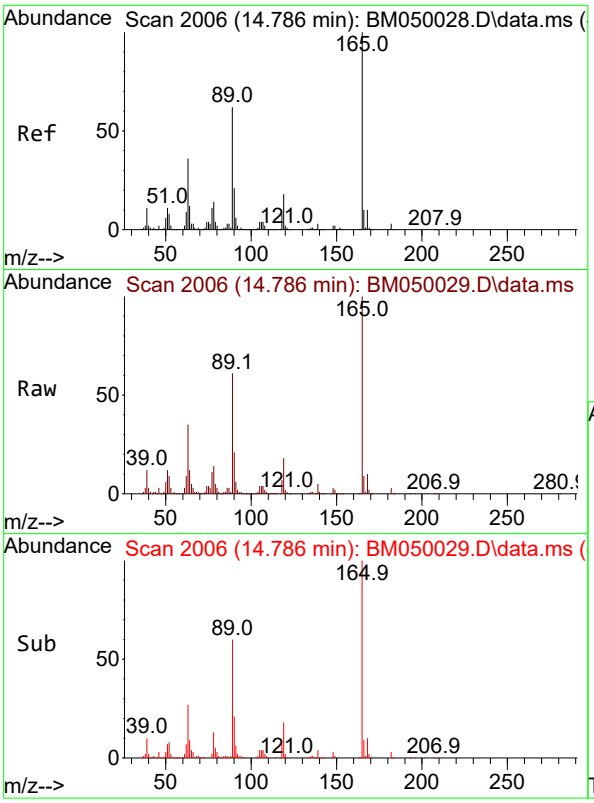


#56
4-Nitrophenol
Concen: 52.029 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:139 Resp: 328078

Ion	Ratio	Lower	Upper
139	100		
109	66.7	47.0	87.0
65	84.3	64.3	104.3



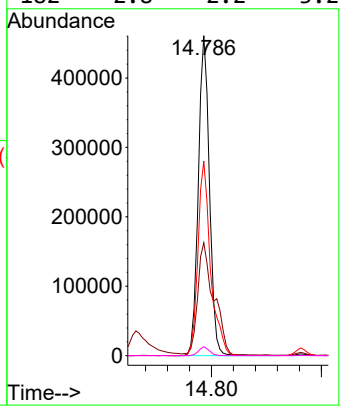


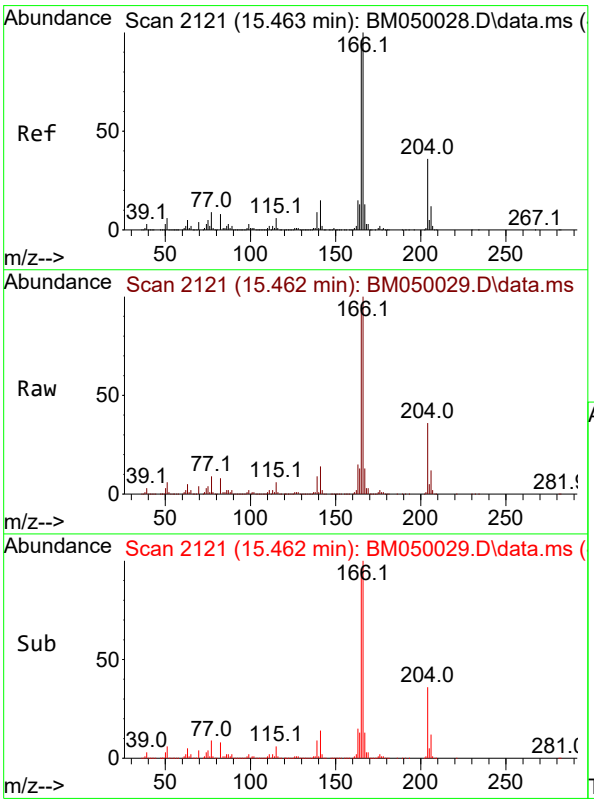
#57
2,4-Dinitrotoluene
Concen: 55.921 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 648262

Ion	Ratio	Lower	Upper
165	100		
63	35.3	29.0	43.6
89	60.8	49.4	74.2
182	2.8	2.2	3.2

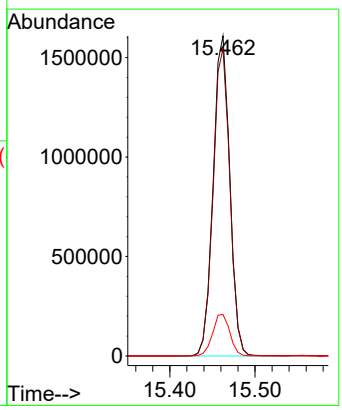


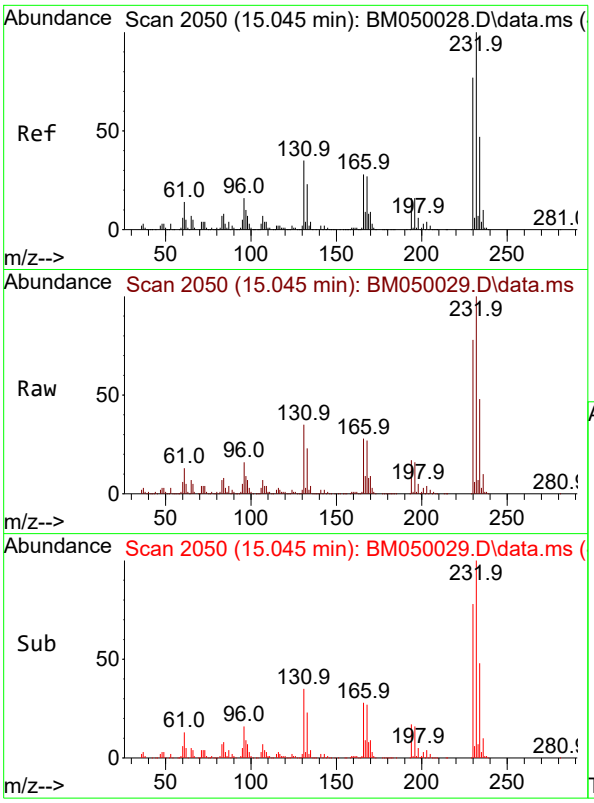


#58
Fluorene
Concen: 53.740 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:166 Resp: 2180247

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	115.0
167	13.0	10.6	16.0



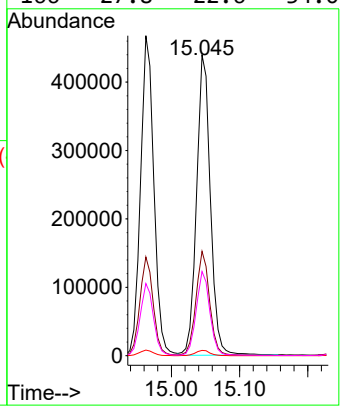


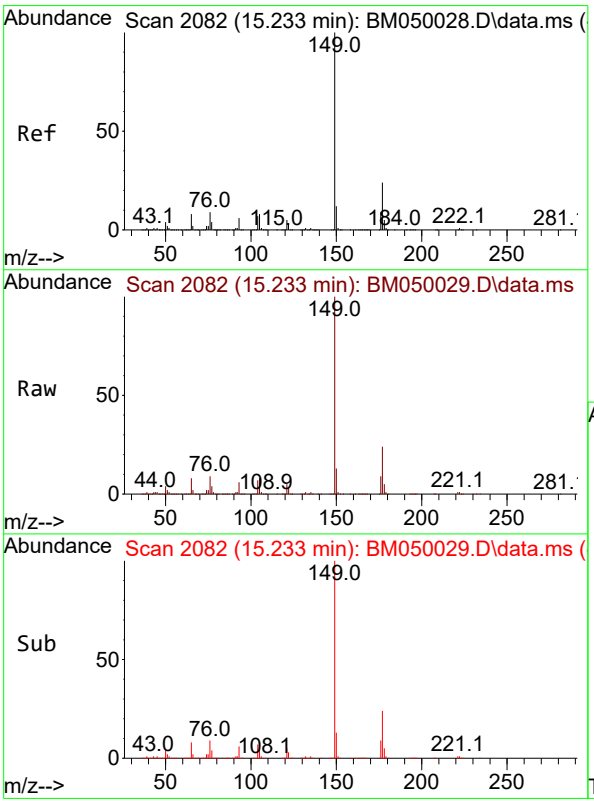
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.311 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 617151

Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.9	1.5	2.3
166	27.8	22.6	34.0

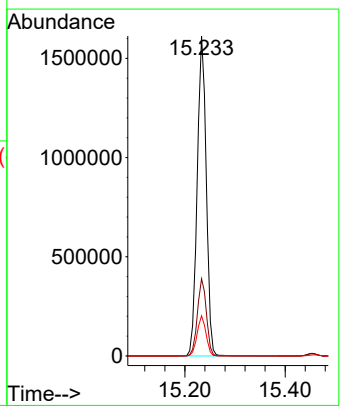


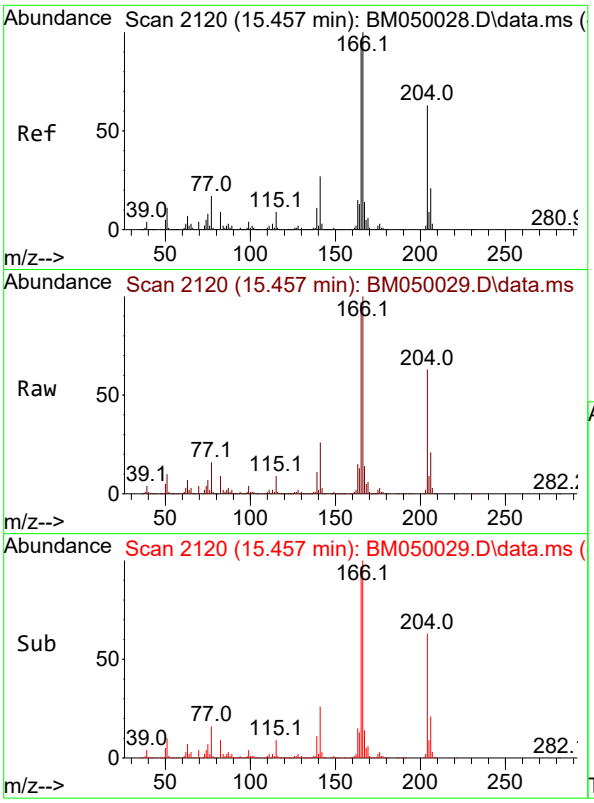


#60
Diethylphthalate
Concen: 52.691 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2011763

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	12.5	9.6	14.4



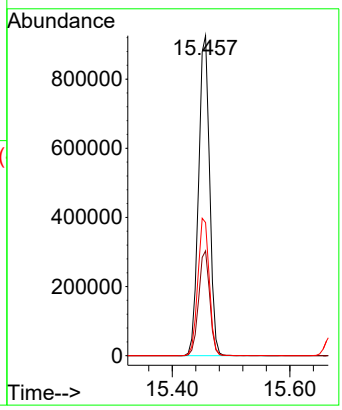


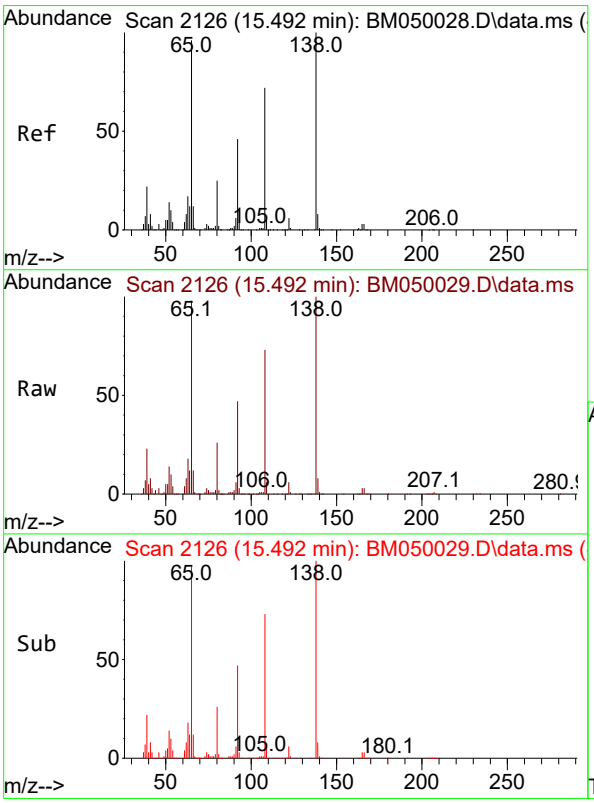
#61
4-Chlorophenyl-phenylether
Concen: 54.188 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1207514

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	41.6	34.0	51.0

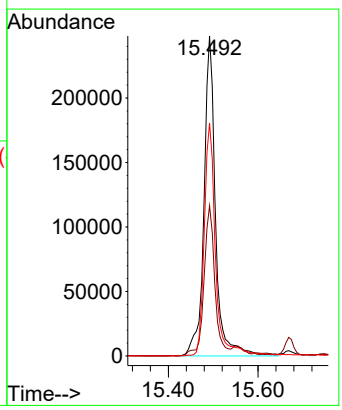


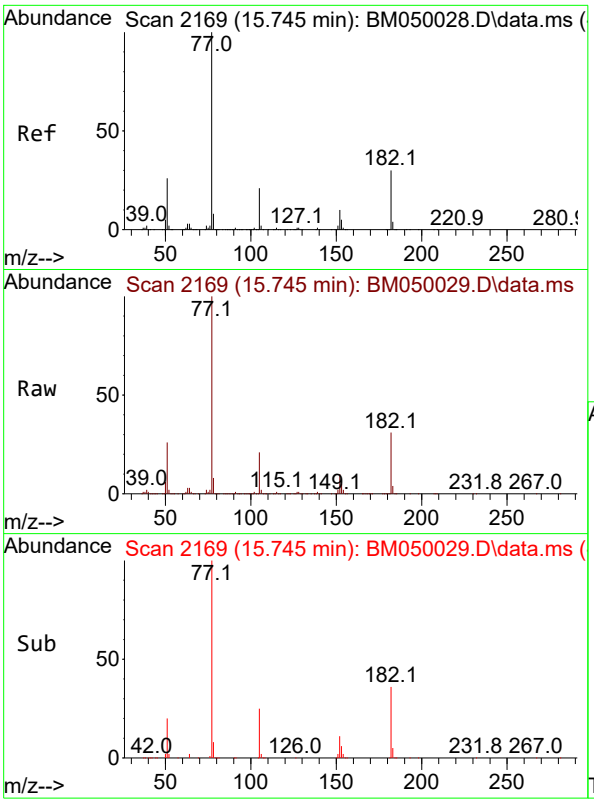


#62
4-Nitroaniline
Concen: 57.612 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:138 Resp: 445520

Ion	Ratio	Lower	Upper
138	100		
92	46.9	25.9	65.9
108	72.7	52.4	92.4



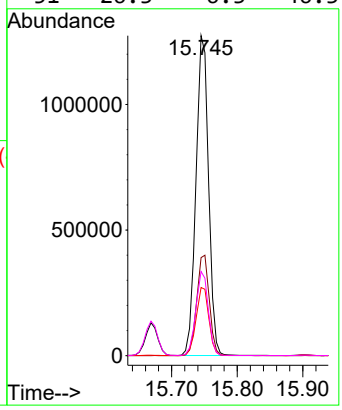


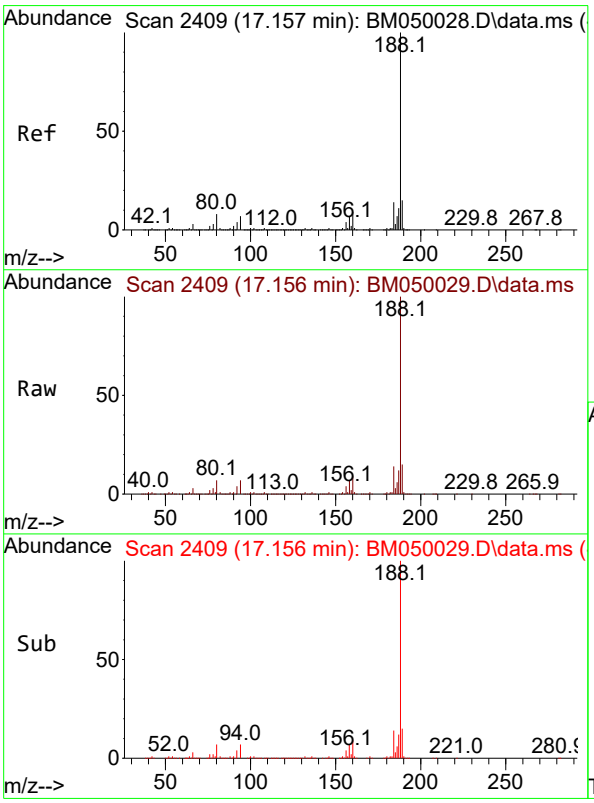
#63
Azobenzene
Concen: 53.251 ng
RT: 15.745 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1703932

Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.5	50.5
105	21.3	1.1	41.1
51	26.3	6.3	46.3

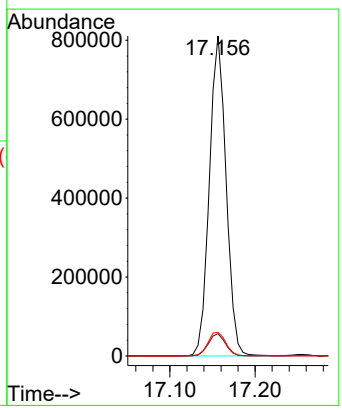


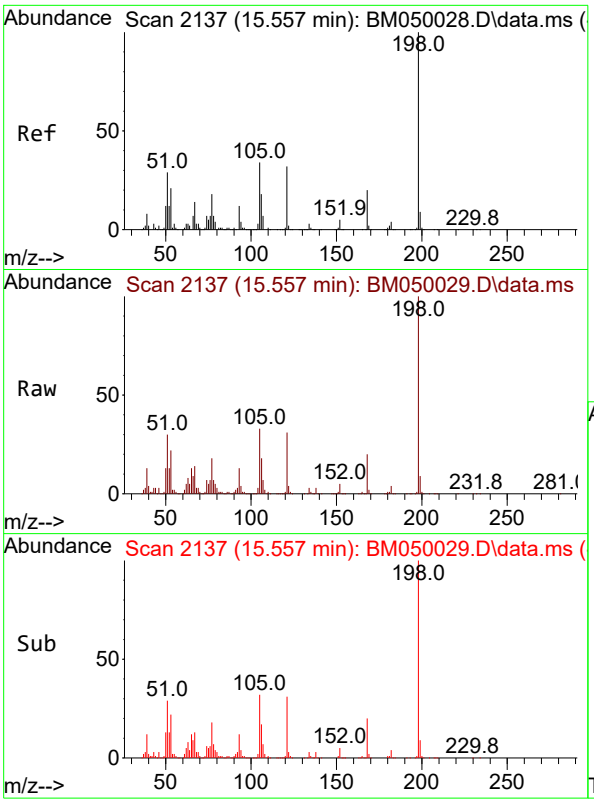


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:188 Resp: 1105769

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.4	6.2	9.4



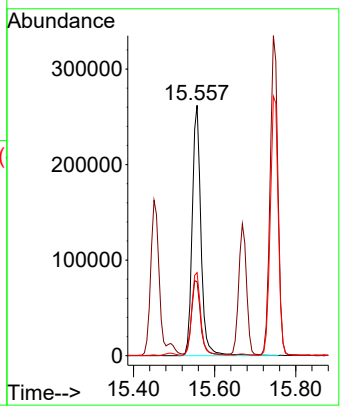


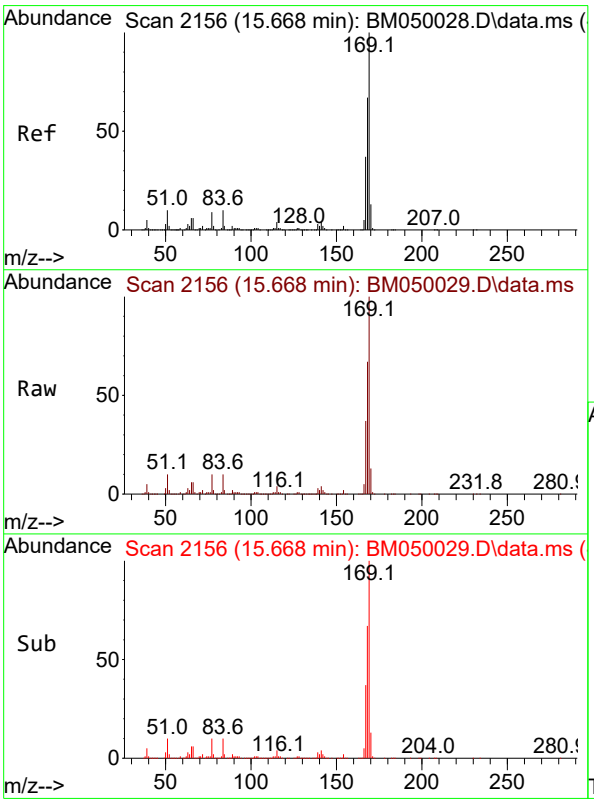
#65
4,6-Dinitro-2-methylphenol
Concen: 56.806 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 393191

Ion	Ratio	Lower	Upper
198	100		
51	29.5	10.4	50.4
105	33.1	14.6	54.6

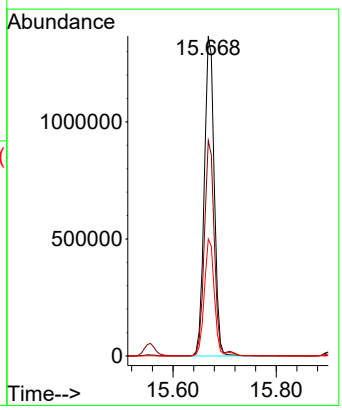


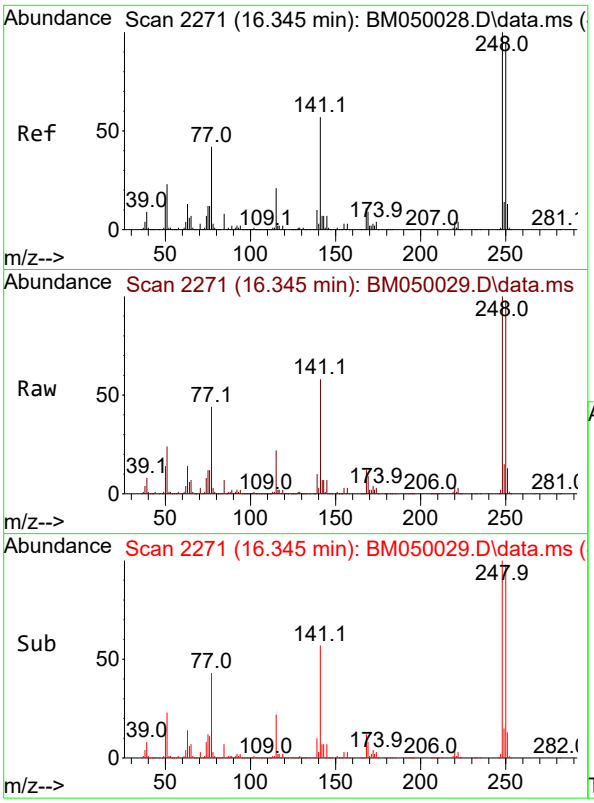


#66
n-Nitrosodiphenylamine
Concen: 53.474 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:169 Resp: 1815723

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.4	80.2
167	36.5	29.4	44.0



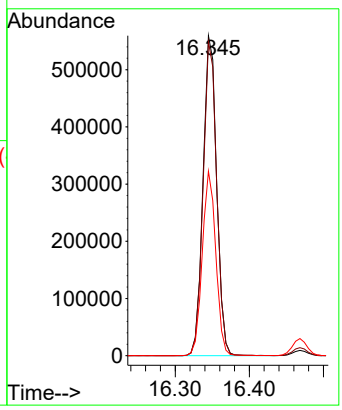


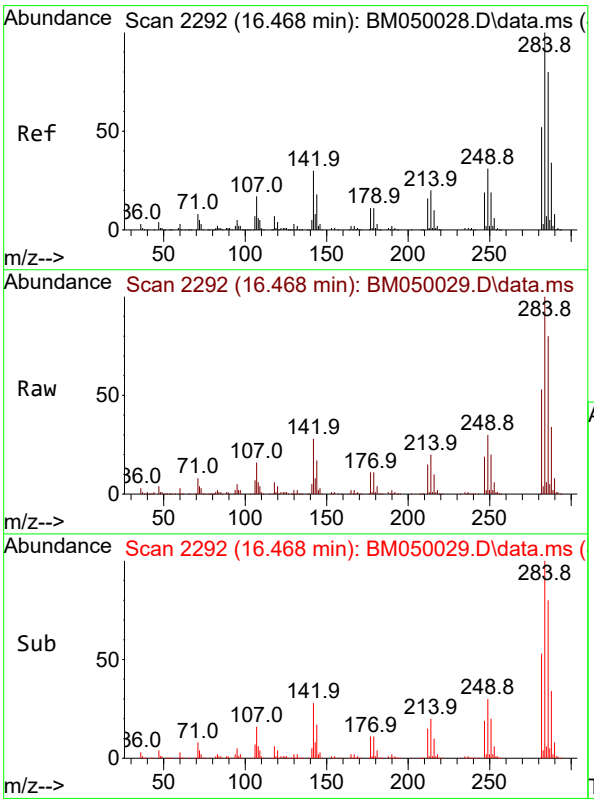
#67
4-Bromophenyl-phenylether
Concen: 53.359 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 713498

Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.2	114.2
141	57.6	45.9	68.9

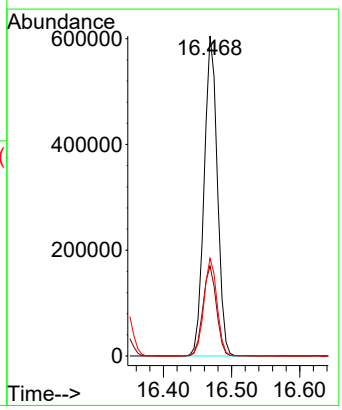


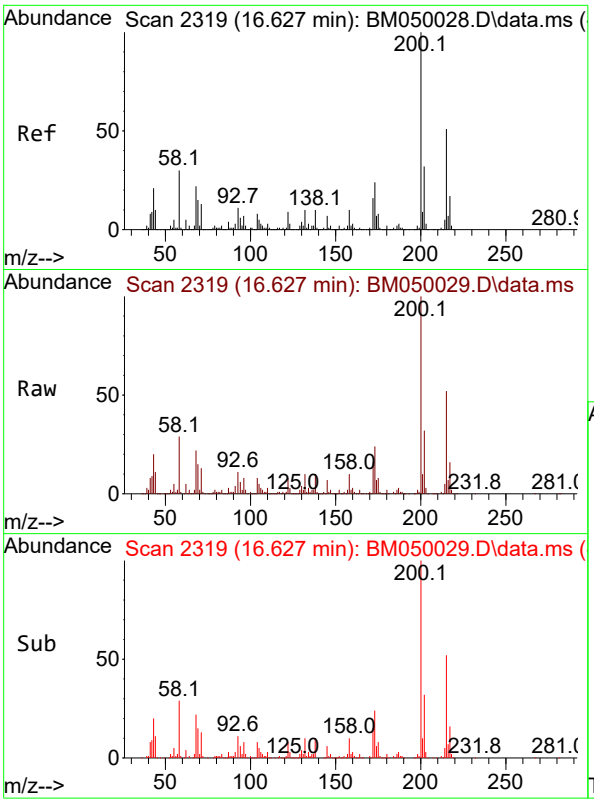


#68
Hexachlorobenzene
Concen: 52.900 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:284 Resp: 815392

Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.9	35.9
249	30.5	24.5	36.7



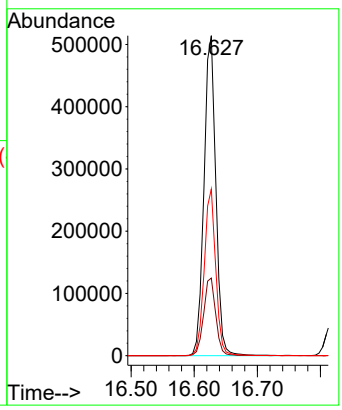


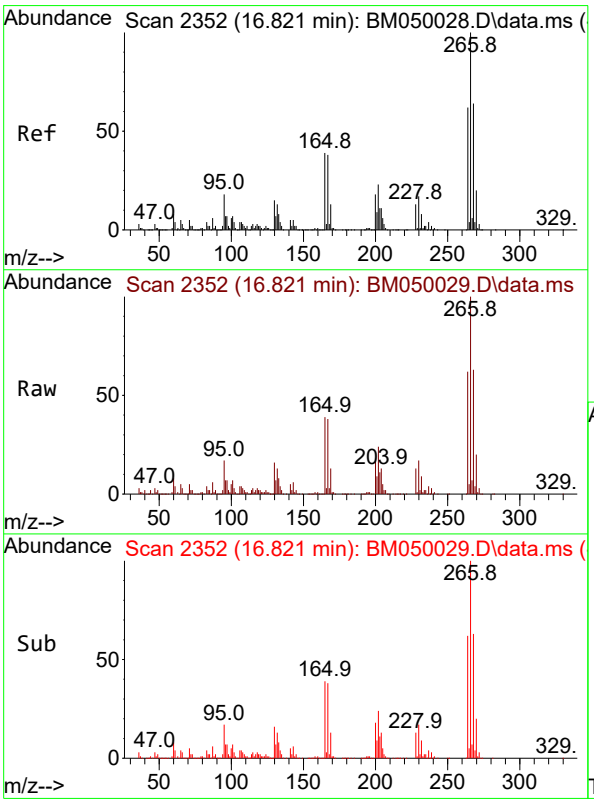
#69
Atrazine
Concen: 54.648 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 669330

Ion	Ratio	Lower	Upper
200	100		
173	24.3	4.3	44.3
215	52.1	30.6	70.6

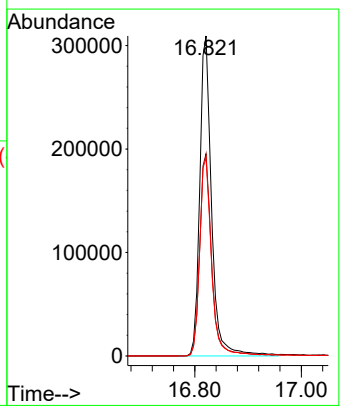


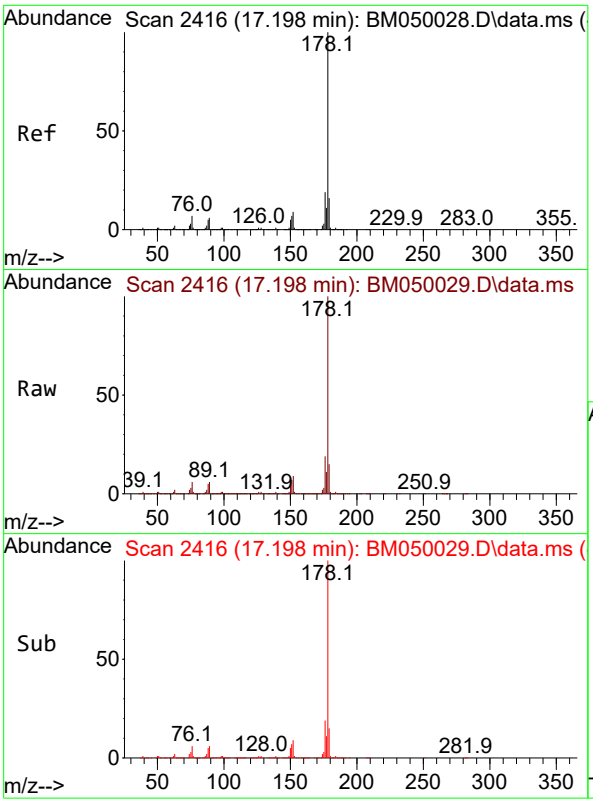


#70
Pentachlorophenol
Concen: 54.830 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:266 Resp: 475717

Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	62.0	49.6	74.4



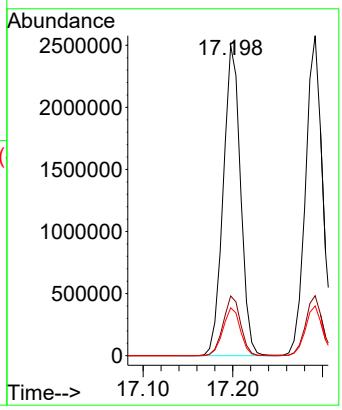


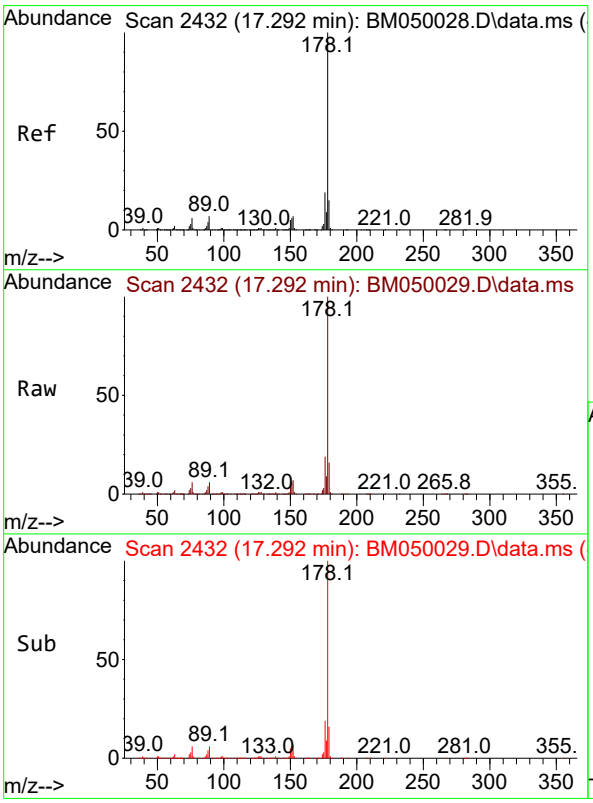
#71
Phenanthrene
Concen: 53.702 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 3349195

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.4	18.6

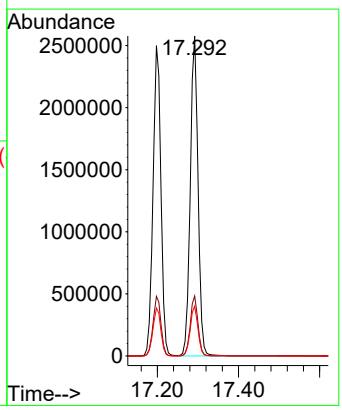


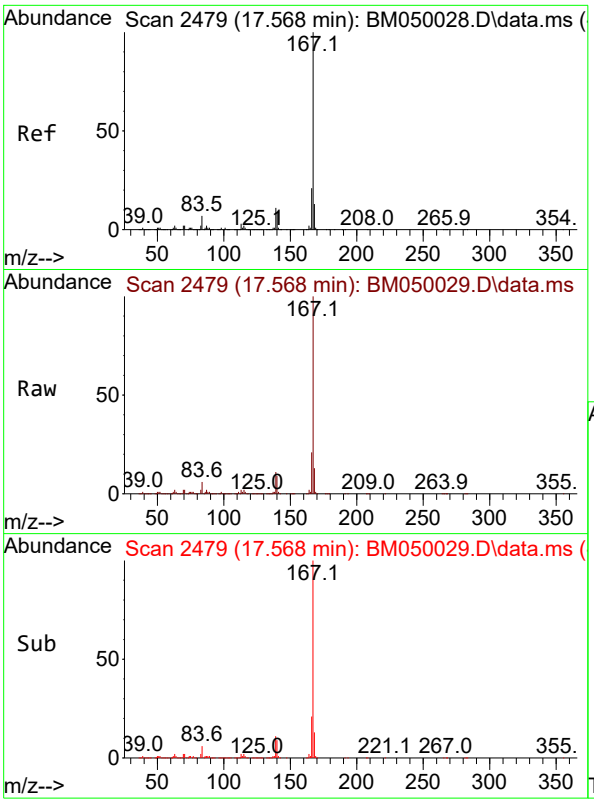


#72
Anthracene
Concen: 54.143 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:178 Resp: 3417239

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.6	12.2	18.4



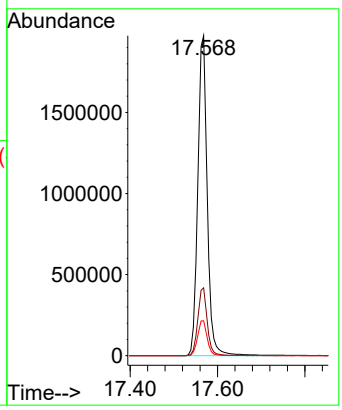


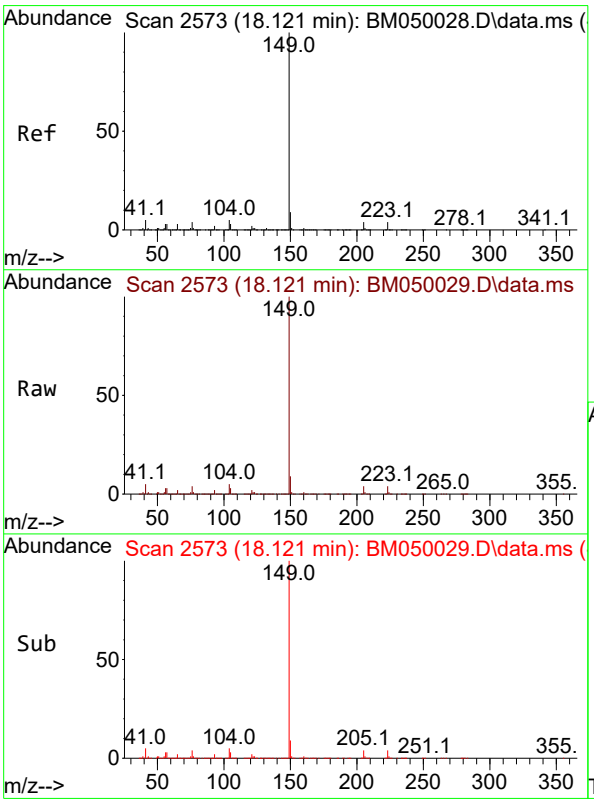
#73
Carbazole
Concen: 54.260 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 2971695

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.9	9.0	13.6

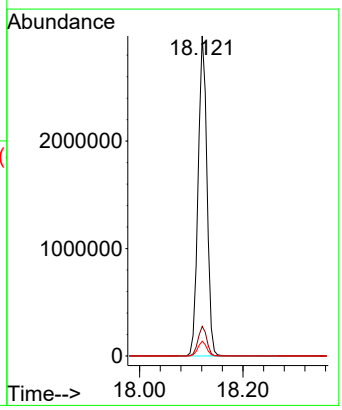


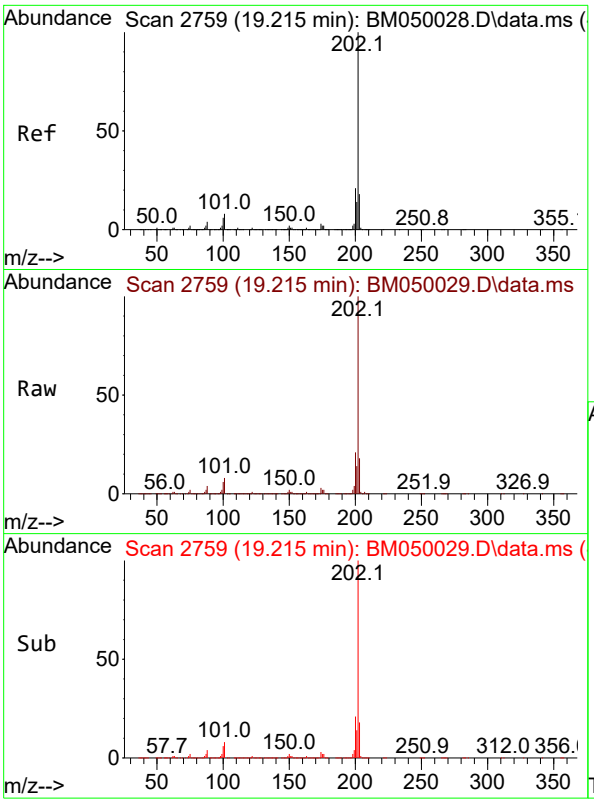


#74
Di-n-butylphthalate
Concen: 54.137 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 3530893

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.6	3.8	5.6



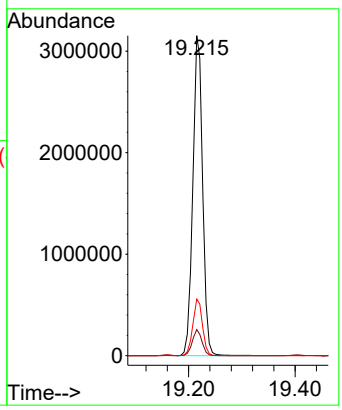


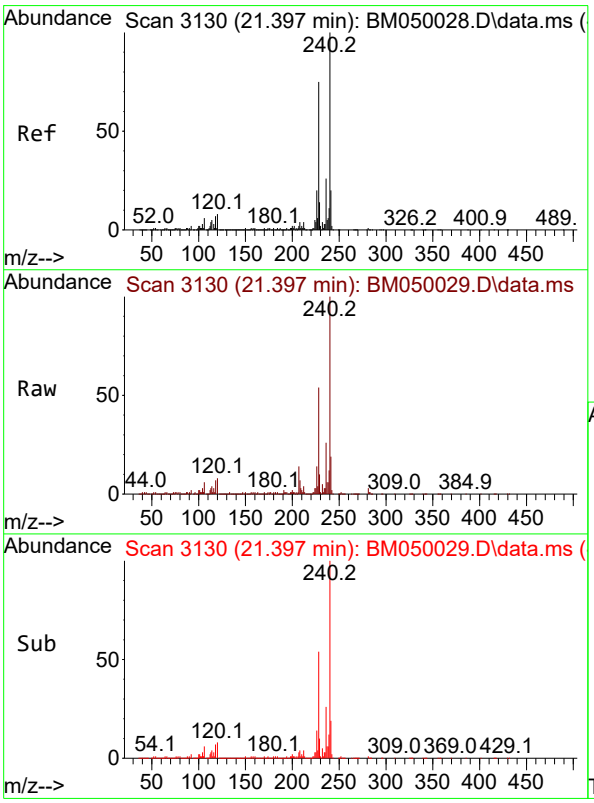
#75
Fluoranthene
Concen: 54.922 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4021516

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.0
203	17.7	0.0	37.7

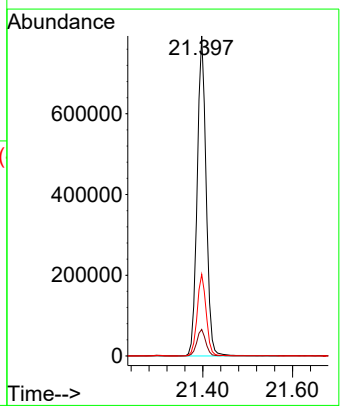


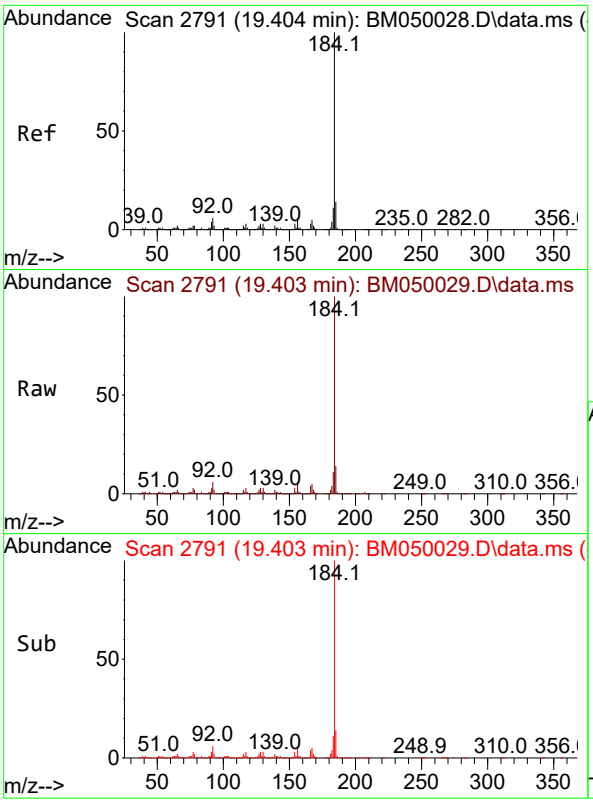


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:240 Resp: 1097646

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.5	20.9	31.3



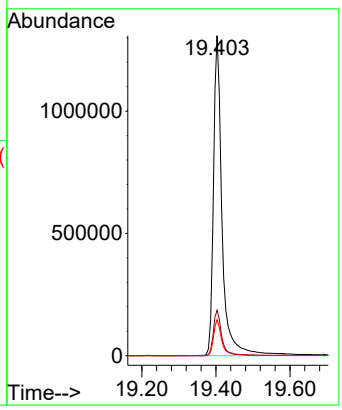


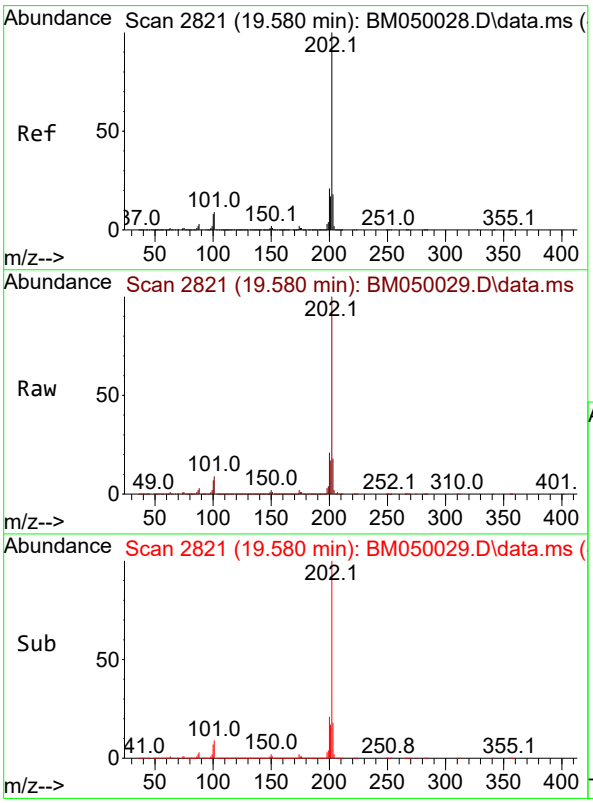
#77
Benzidine
Concen: 54.137 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 2110748

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

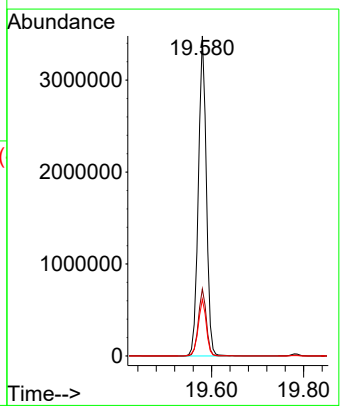


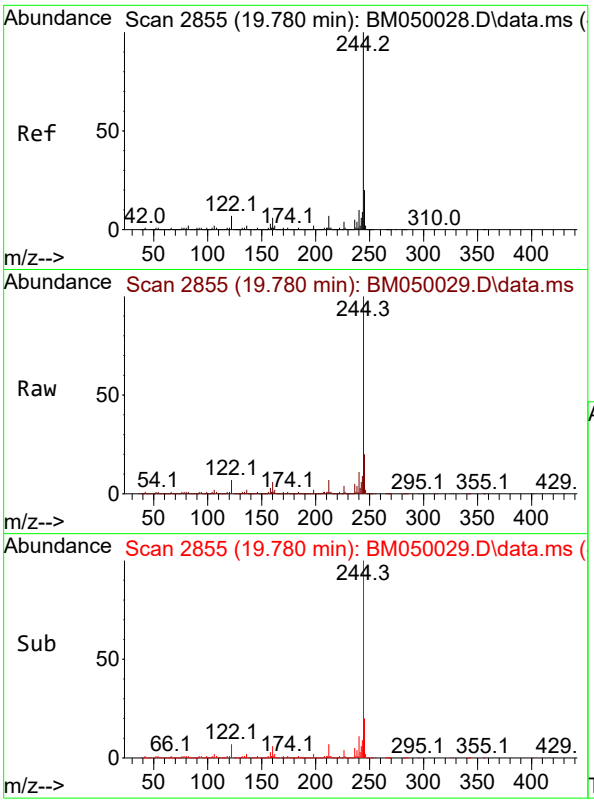


#78
Pyrene
Concen: 54.097 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:202 Resp: 4169831

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1



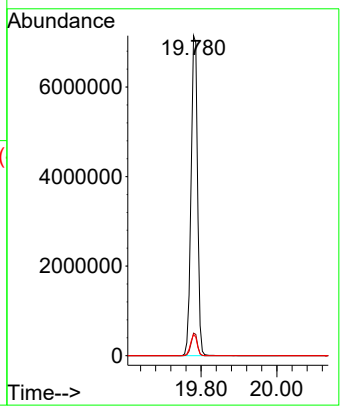


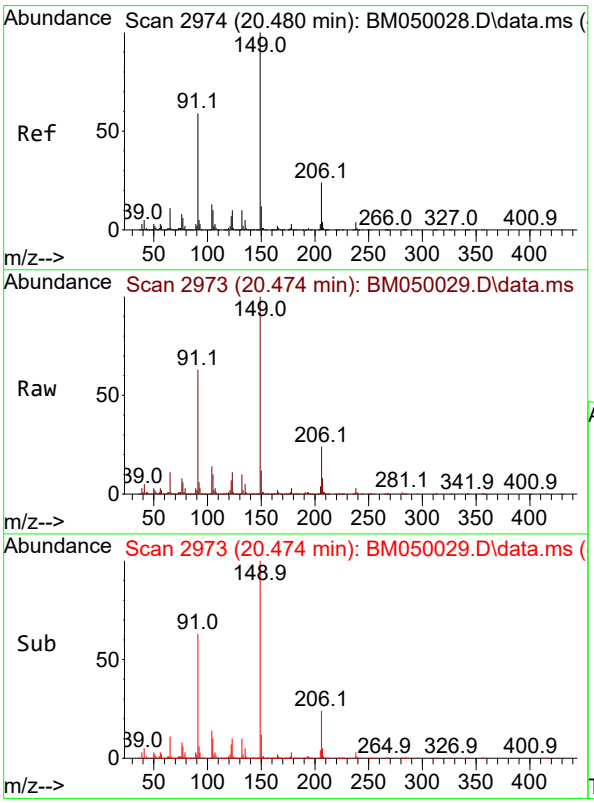
#79
Terphenyl-d14
Concen: 114.020 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 8457811

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.7	5.6	8.4

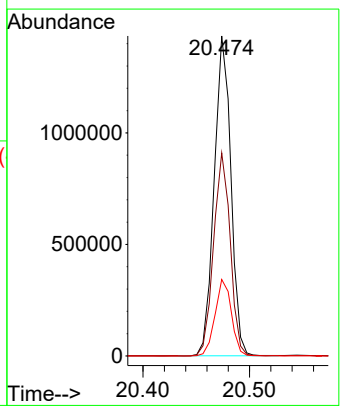


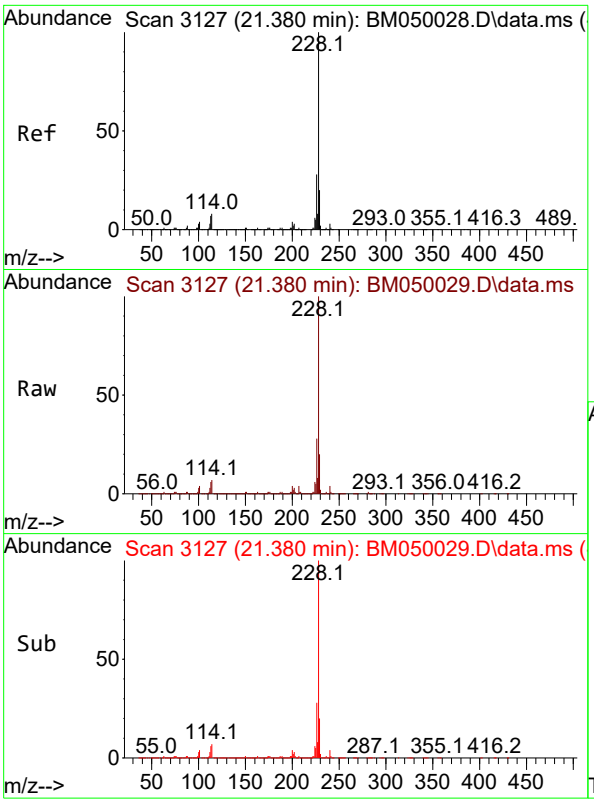


#80
Butylbenzylphthalate
Concen: 53.948 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 1557463

Ion	Ratio	Lower	Upper
149	100		
91	63.4	47.4	71.2
206	23.9	19.4	29.0



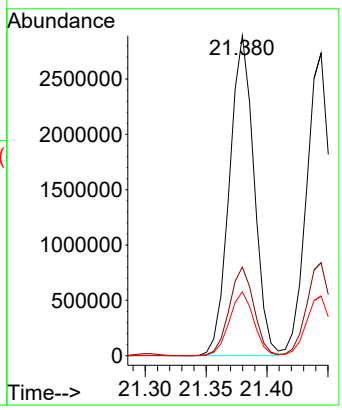


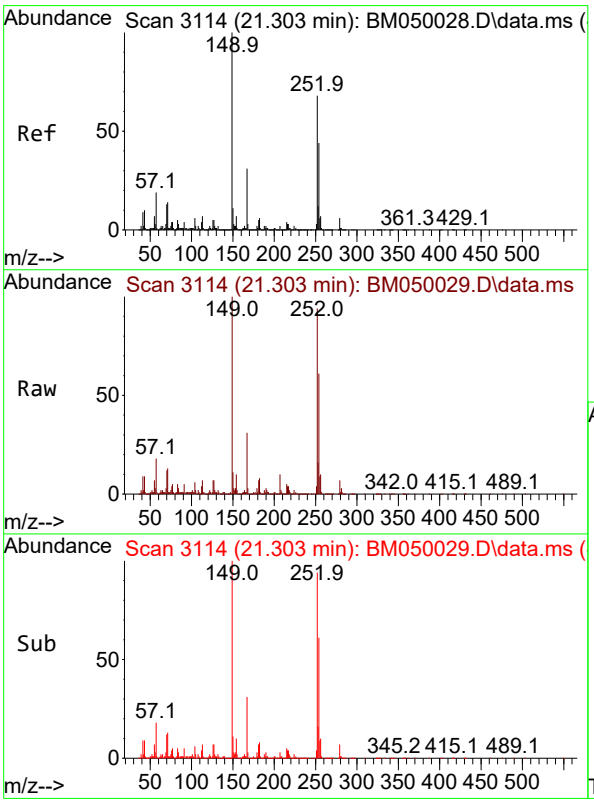
#81
Benzo(a)anthracene
Concen: 53.687 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4058011

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.0	15.7	23.5

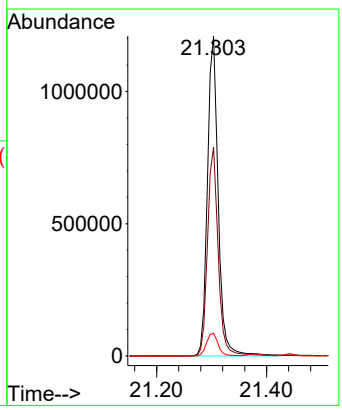


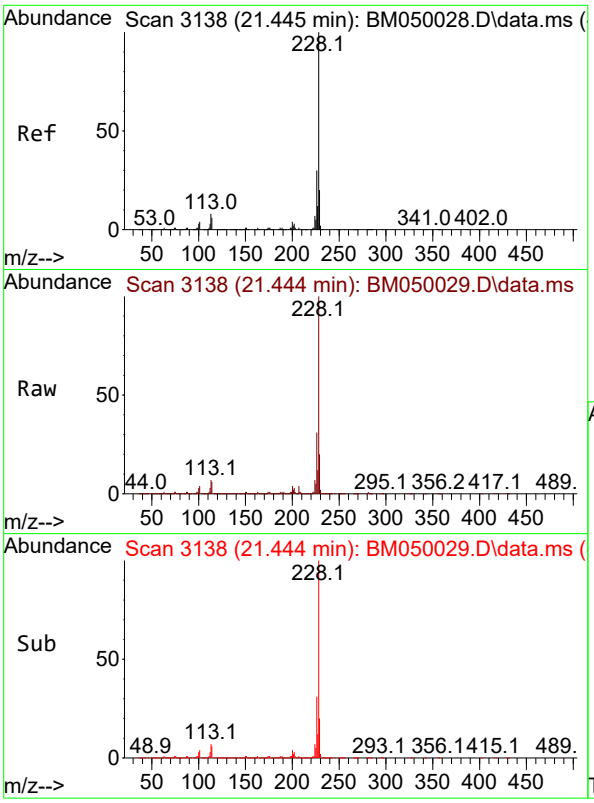


#82
3,3'-Dichlorobenzidine
Concen: 56.659 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 1639448

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	7.1	6.0	9.0



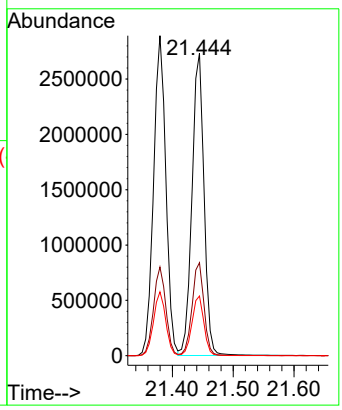


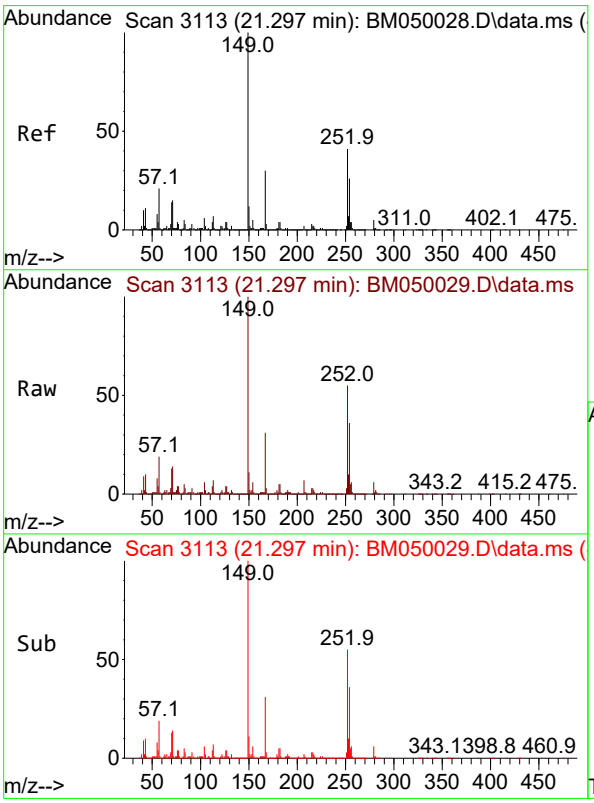
#83
Chrysene
Concen: 53.683 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 3755543

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.7	15.7	23.5

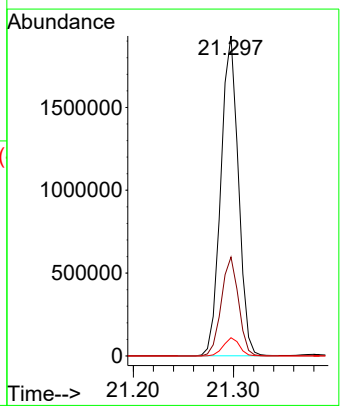


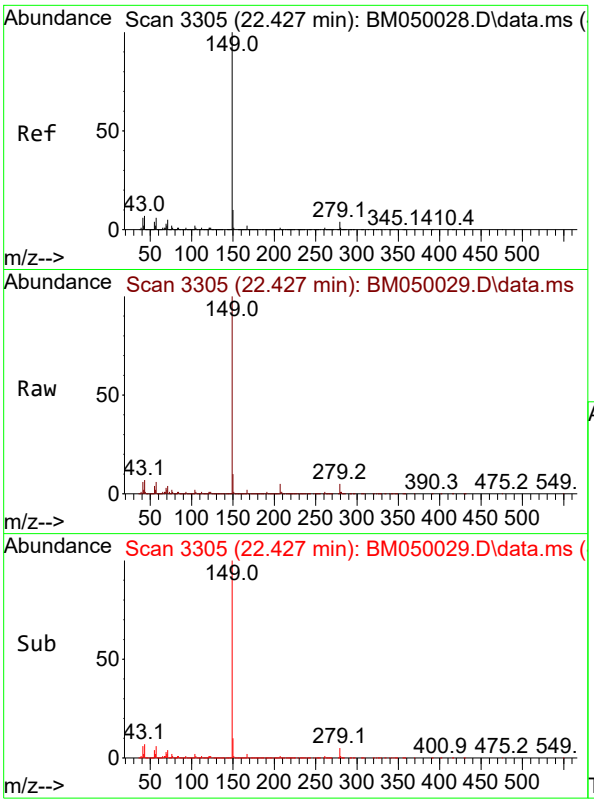


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.194 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:149 Resp: 2336926

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.1	36.1
279	5.7	3.9	5.9



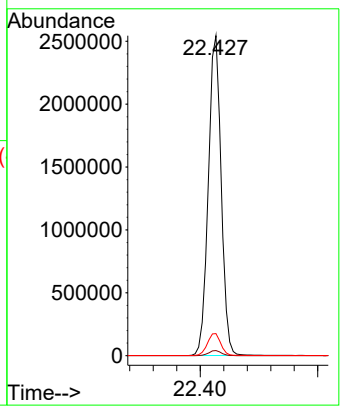


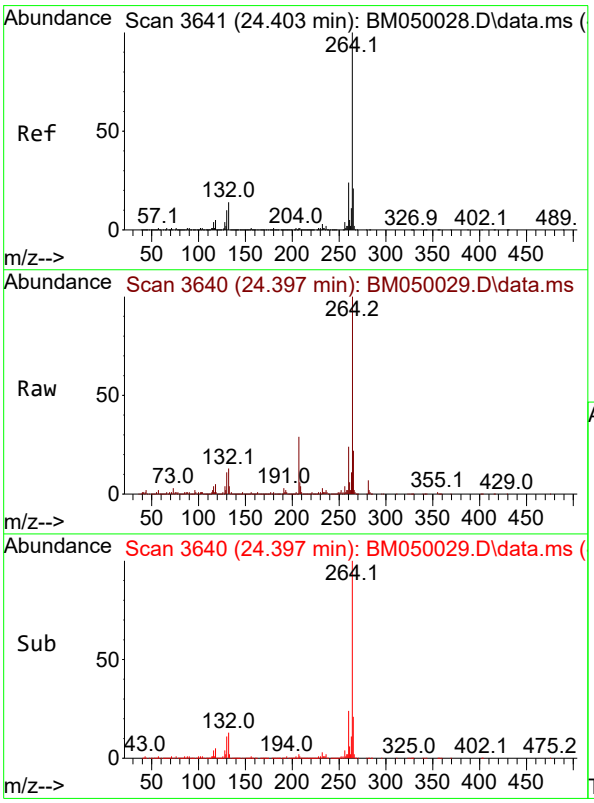
#85
Di-n-octyl phthalate
Concen: 54.170 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 3852190

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8

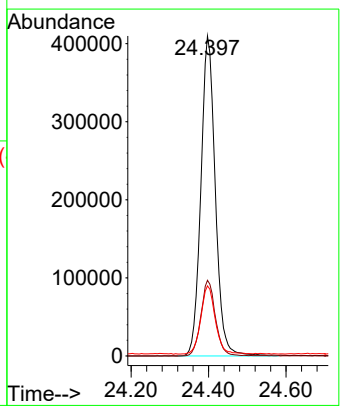


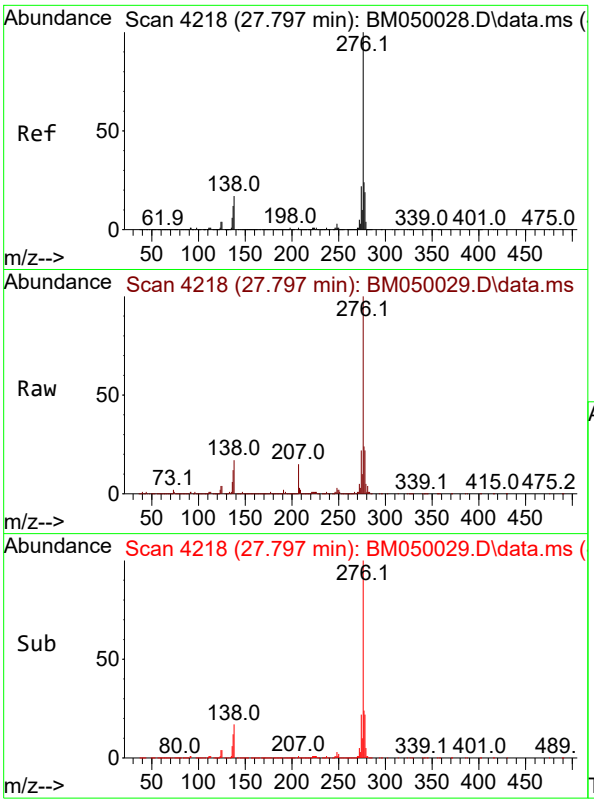


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:264 Resp: 1061511

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.9	17.0	25.4



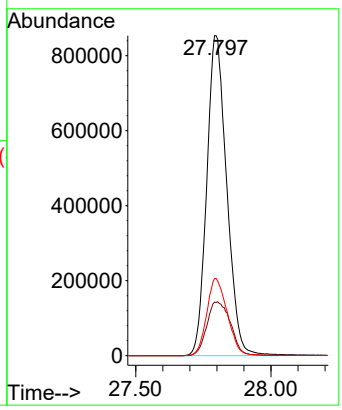


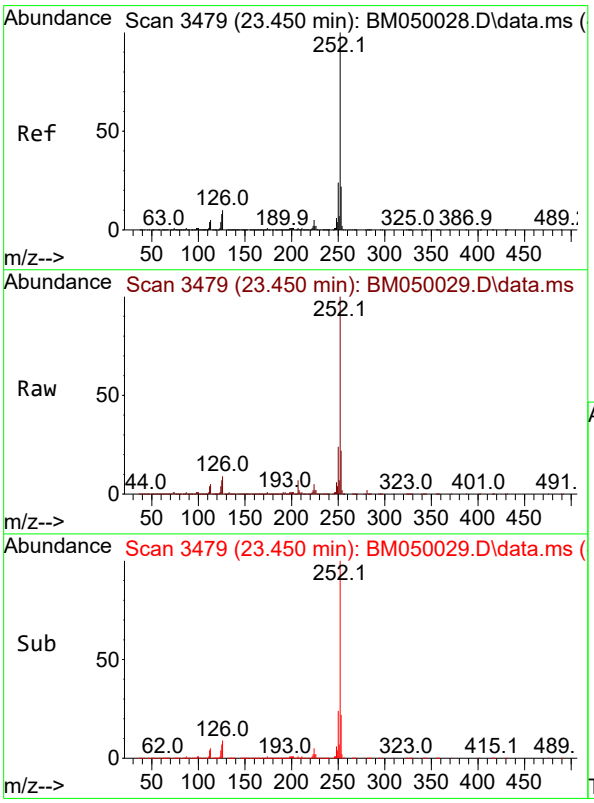
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.240 ng
RT: 27.797 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 4369253

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	24.9	19.8	29.8

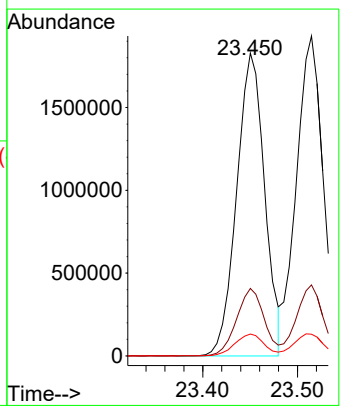


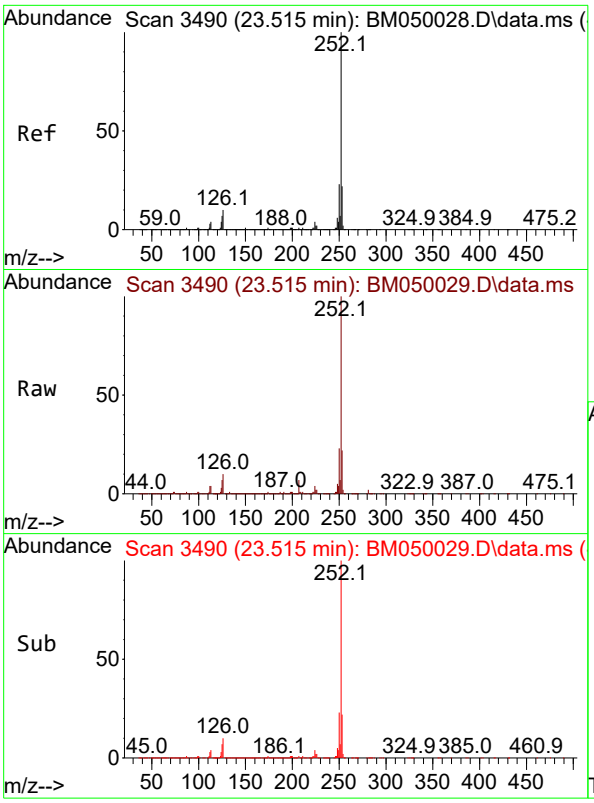


#88
Benzo(b)fluoranthene
Concen: 54.405 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3755728

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.2	6.1	9.1



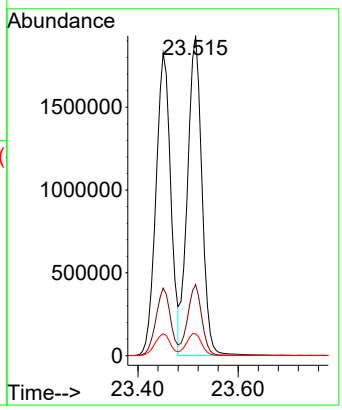


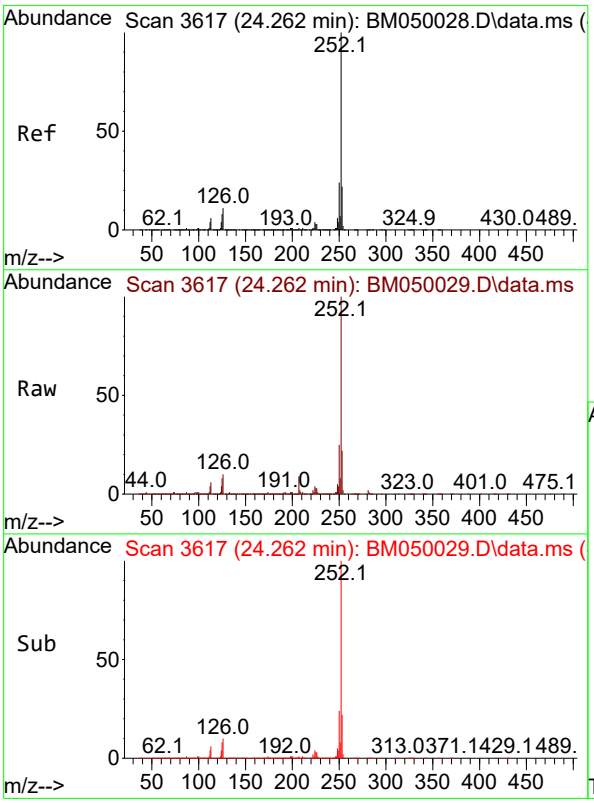
#89
Benzo(k)fluoranthene
Concen: 55.037 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 3844095

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	6.8	5.8	8.8

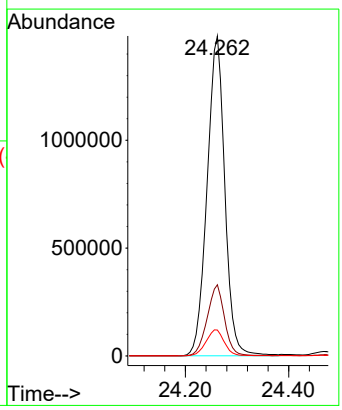


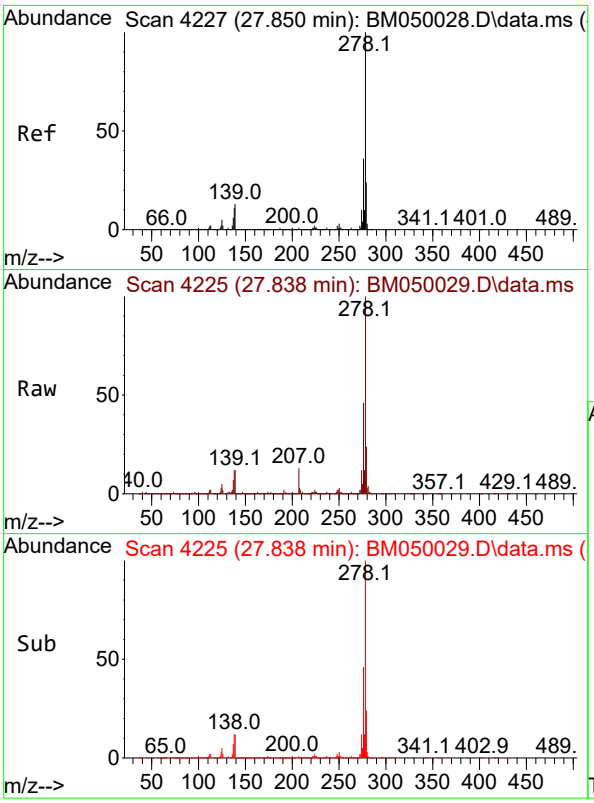


#90
Benzo(a)pyrene
Concen: 54.588 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:252 Resp: 3529489

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.1	6.6	9.8



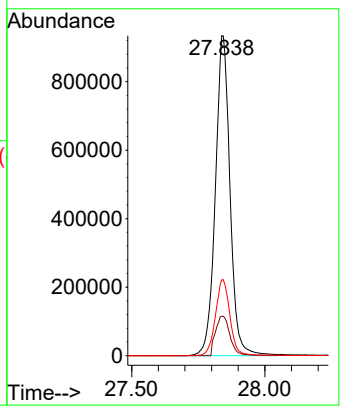


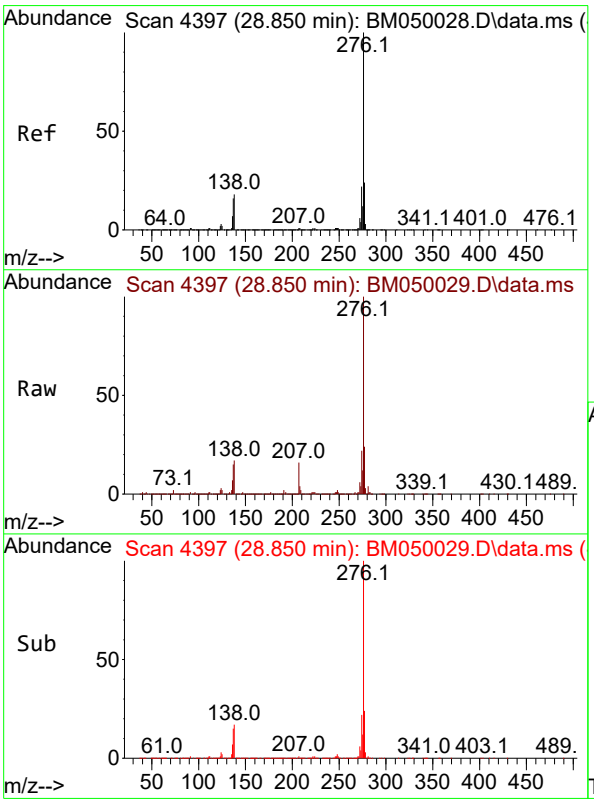
#91
Dibenzo(a,h)anthracene
Concen: 55.448 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 3575099

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.7	19.4	29.0

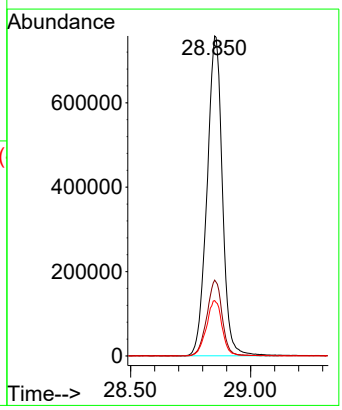




#92
Benzo(g,h,i)perylene
Concen: 54.494 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050029.D
Acq: 28 Apr 2025 15:45

Tgt Ion:276 Resp: 3363778

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	17.3	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	238160	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	873845	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	580977	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	1144389	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1144881	20.000	ng		0.00
86) Perylene-d12	24.397	264	1099459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1676078	123.234	ng		0.00
7) Phenol-d6	6.951	99	2135178	124.905	ng		0.00
23) Nitrobenzene-d5	8.928	82	2186546	123.300	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1107899	128.968	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	6079094	123.782	ng		0.00
79) Terphenyl-d14	19.780	244	10017186	129.471	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	350690	60.136	ng		99
3) Pyridine	3.658	79	923444	61.631	ng		99
4) n-Nitrosodimethylamine	3.563	42	360090	61.276	ng		98
6) Aniline	7.098	93	1339587	62.058	ng		100
8) 2-Chlorophenol	7.340	128	905849	61.600	ng		99
9) Benzaldehyde	6.910	77	683177	59.793	ng		99
10) Phenol	6.981	94	1072175	61.956	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	880705	60.947	ng		100
12) 1,3-Dichlorobenzene	7.657	146	1077725	60.670	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1083367	60.707	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1046214	60.691	ng		98
15) Benzyl Alcohol	8.016	79	750490	63.306	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1052561	59.922	ng		100
17) 2-Methylphenol	8.228	107	705836	61.914	ng		99
18) Hexachloroethane	8.845	117	380742	60.018	ng		99
19) n-Nitroso-di-n-propyla...	8.575	70	678107	61.851	ng		100
20) 3+4-Methylphenols	8.551	107	964063	62.619	ng		97
22) Acetophenone	8.592	105	1325893	61.030	ng	#	99
24) Nitrobenzene	8.969	77	938300	61.193	ng		99
25) Isophorone	9.498	82	1845274	61.044	ng		99
26) 2-Nitrophenol	9.681	139	504441	64.395	ng		99
27) 2,4-Dimethylphenol	9.751	122	816717	62.869	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	1138921	60.958	ng		100
29) 2,4-Dichlorophenol	10.228	162	920741	63.266	ng		98
30) 1,2,4-Trichlorobenzene	10.428	180	1079970	60.907	ng		100
31) Naphthalene	10.610	128	2682942	60.626	ng		100
32) Benzoic acid	9.928	122	556598	67.178	ng		98
33) 4-Chloroaniline	10.728	127	1146085	63.184	ng		99
34) Hexachlorobutadiene	10.898	225	689159	61.230	ng		99
35) Caprolactam	11.528	113	266678	62.845	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	832050	61.882	ng		100
37) 2-Methylnaphthalene	12.228	142	1815345	61.185	ng		99
38) 1-Methylnaphthalene	12.445	142	1916000	61.021	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	1264090	62.853	ng		100
41) Hexachlorocyclopentadiene	12.580	237	814238	66.248	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	814256	63.832	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	872921	63.459	ng		99
46) 1,1'-Biphenyl	13.245	154	2626494	60.817	ng		99
47) 2-Chloronaphthalene	13.286	162	2078242	60.760	ng		100
48) 2-Nitroaniline	13.498	65	512544	63.847	ng		99
49) Acenaphthylene	14.133	152	3292902	61.060	ng		100
50) Dimethylphthalate	13.874	163	2562233	60.347	ng		100
51) 2,6-Dinitrotoluene	13.992	165	551466	62.732	ng		99
52) Acenaphthene	14.474	154	1906973	61.089	ng		100
53) 3-Nitroaniline	14.327	138	541960	64.574	ng		99
54) 2,4-Dinitrophenol	14.545	184	327924	59.847	ng		97
55) Dibenzofuran	14.810	168	3154566	60.738	ng		100
56) 4-Nitrophenol	14.663	139	402106	60.088	ng		99
57) 2,4-Dinitrotoluene	14.786	165	779604	64.180	ng		98
58) Fluorene	15.463	166	2614340	61.497	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	752680	63.213	ng		98
60) Diethylphthalate	15.233	149	2397624	59.930	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1457099	62.403	ng		98
62) 4-Nitroaniline	15.492	138	524887	64.776	ng		98
63) Azobenzene	15.745	77	2030208	60.550	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	473987	66.167	ng		98
66) n-Nitrosodiphenylamine	15.668	169	2158446	61.422	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	878886	63.509	ng		95
68) Hexachlorobenzene	16.468	284	1000366	62.711	ng		97
69) Atrazine	16.627	200	802538	63.312	ng		99
70) Pentachlorophenol	16.821	266	584874	65.136	ng		99
71) Phenanthrene	17.198	178	4028280	62.410	ng		99
72) Anthracene	17.292	178	4088295	62.590	ng		100
73) Carbazole	17.562	167	3562573	62.854	ng		100
74) Di-n-butylphthalate	18.121	149	4225922	62.607	ng		100
75) Fluoranthene	19.215	202	4891273	64.546	ng		100
77) Benzidine	19.404	184	2626747	64.592	ng		100
78) Pyrene	19.580	202	5030035	62.565	ng		100
80) Butylbenzylphthalate	20.474	149	1873444	62.216	ng		96
81) Benzo(a)anthracene	21.380	228	4954357	62.841	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2003019	66.368	ng		99
83) Chrysene	21.445	228	4549388	62.348	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	2797195	62.192	ng	#	97
85) Di-n-octyl phthalate	22.427	149	4605837	62.095	ng		100
87) Indeno(1,2,3-cd)pyrene	27.797	276	5248662	64.068	ng		99
88) Benzo(b)fluoranthene	23.456	252	4643026	64.936	ng		99
89) Benzo(k)fluoranthene	23.515	252	4561134	63.050	ng		100
90) Benzo(a)pyrene	24.262	252	4281665	63.936	ng		100
91) Dibenzo(a,h)anthracene	27.850	278	4305928	64.478	ng		99
92) Benzo(g,h,i)perylene	28.850	276	4036958	63.142	ng		99

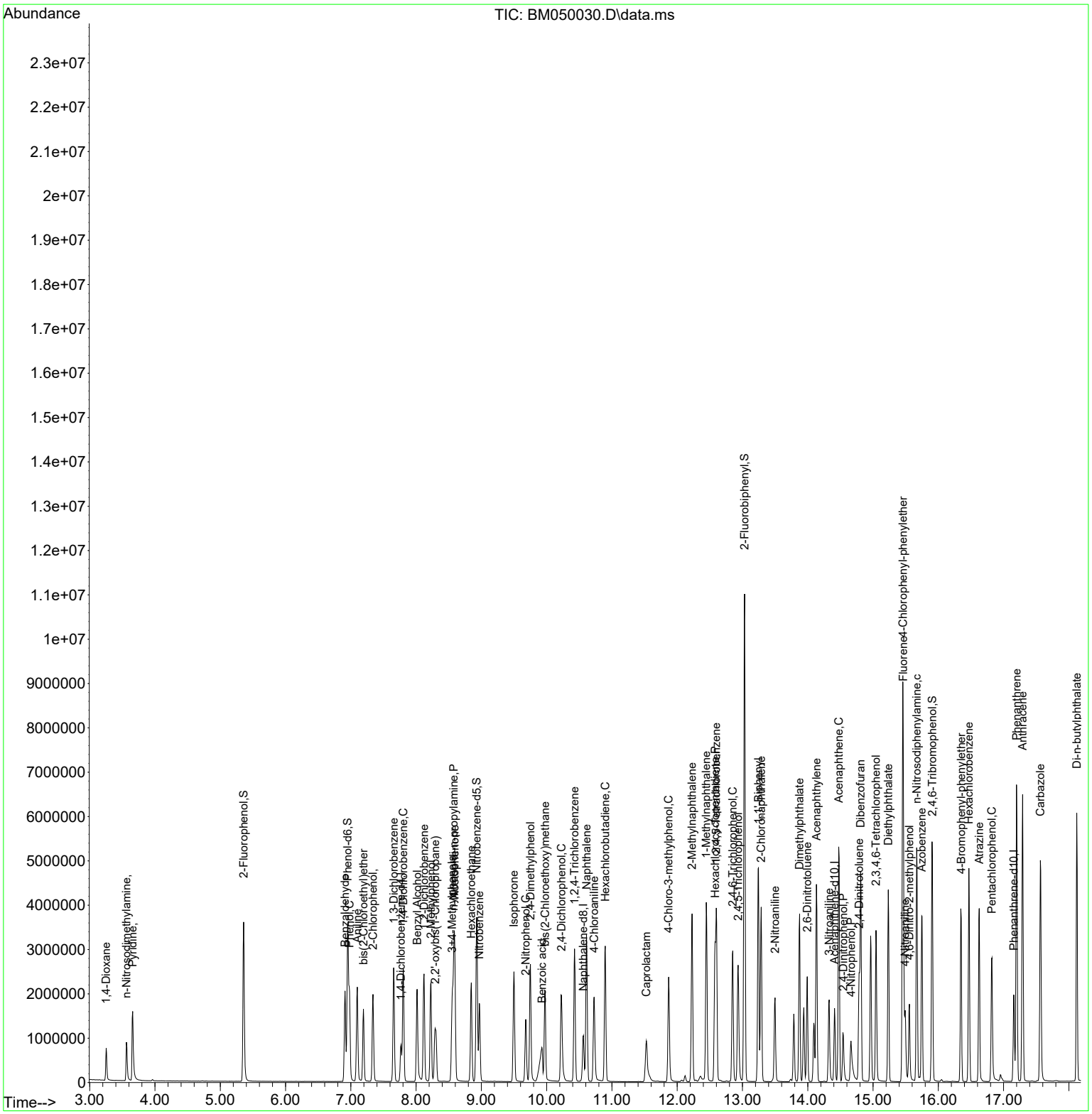
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ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

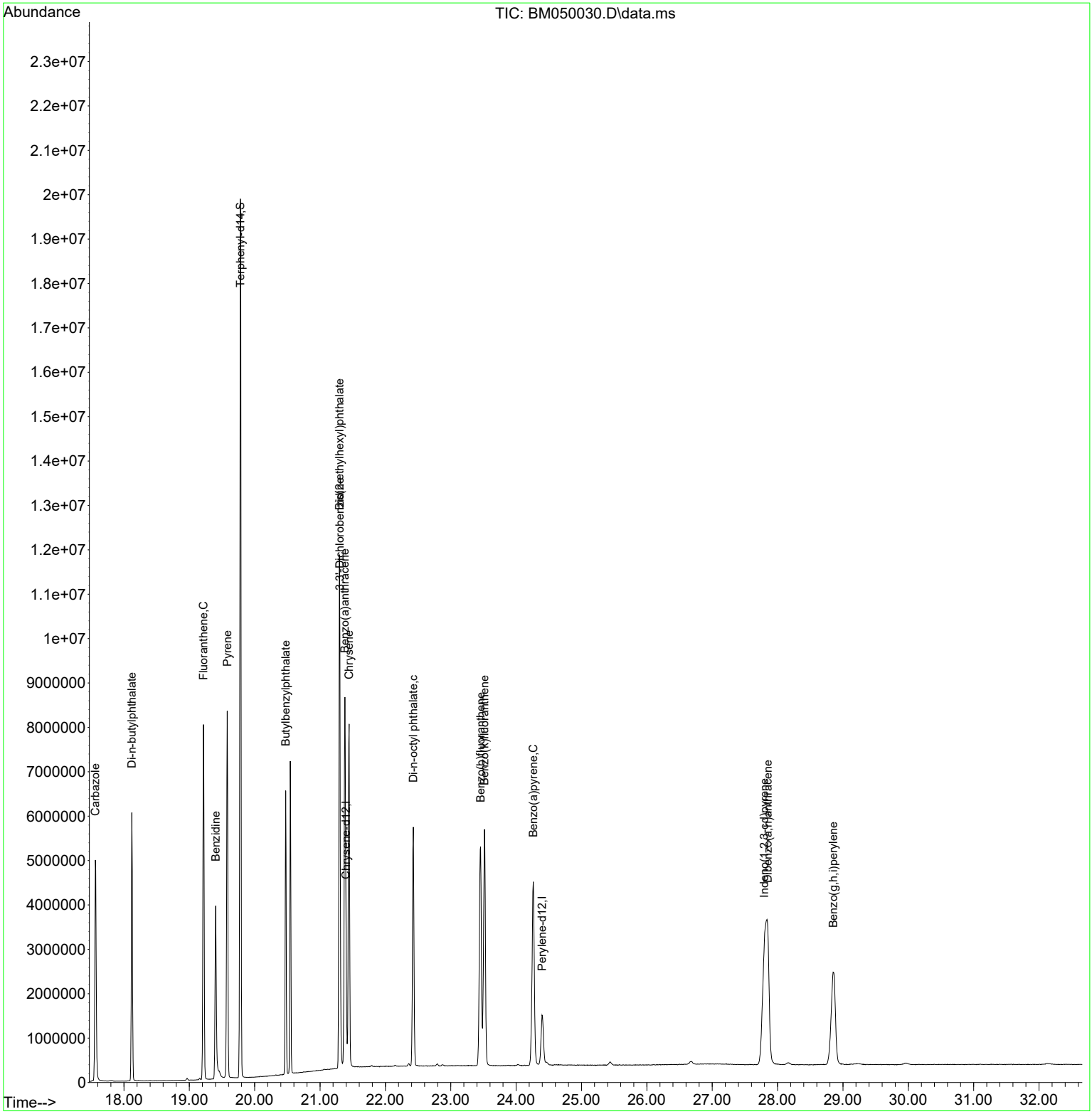
Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

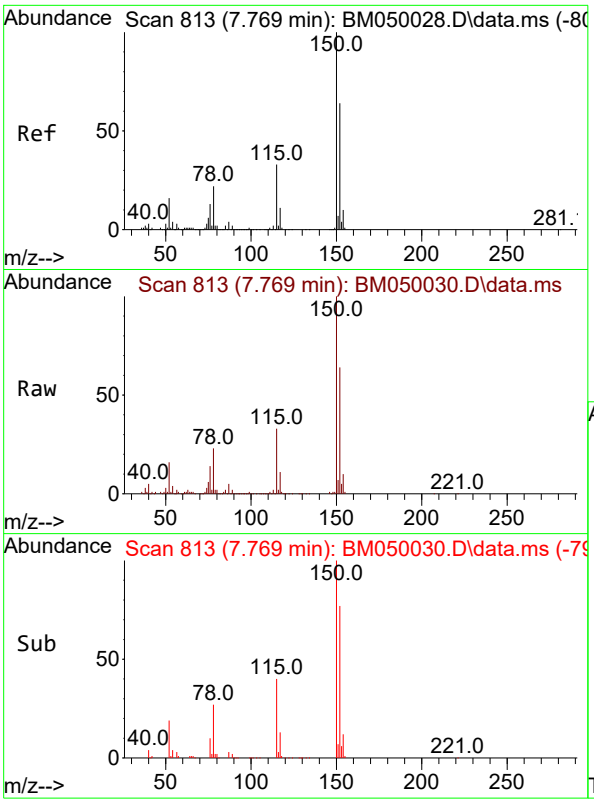


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050030.D
Acq On : 28 Apr 2025 16:24
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Apr 28 17:58:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



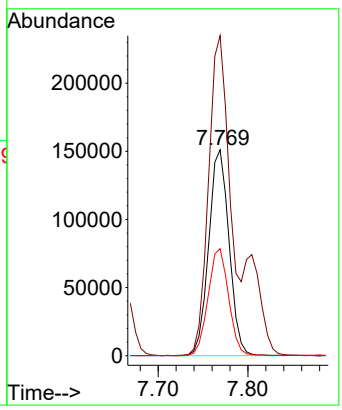


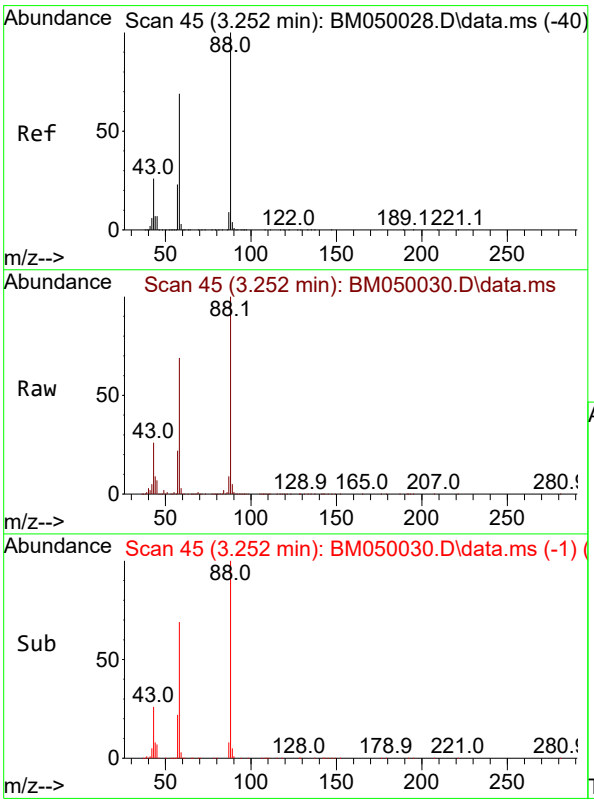
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 238160

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.1	186.1
115	52.0	41.2	61.8

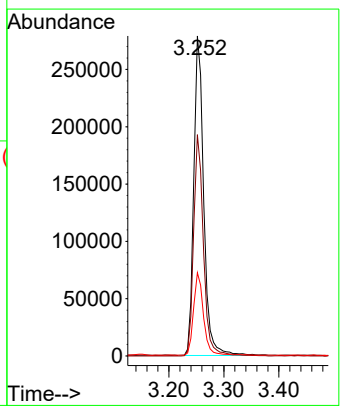


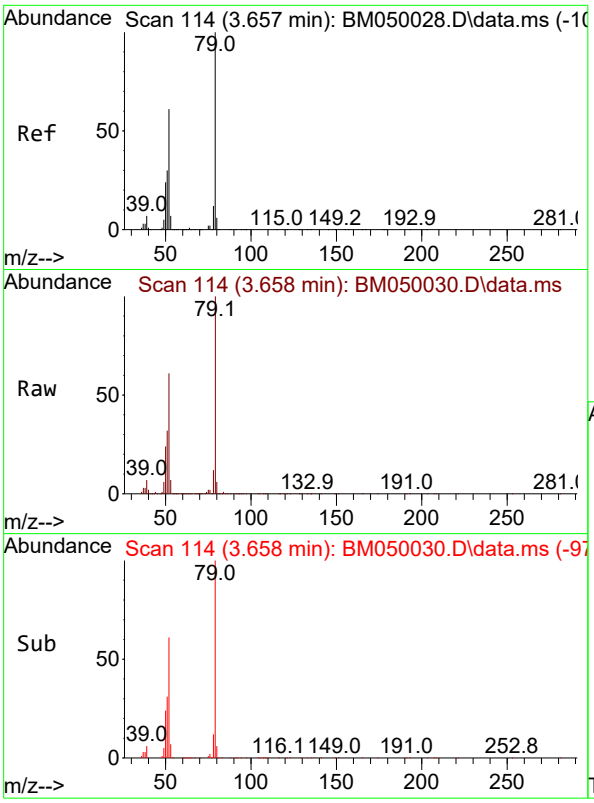


#2
1,4-Dioxane
Concen: 60.136 ng
RT: 3.252 min Scan# 45
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 88 Resp: 350690

Ion	Ratio	Lower	Upper
88	100		
58	68.4	55.1	82.7
43	25.4	20.9	31.3



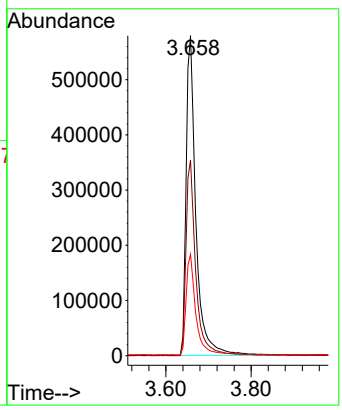


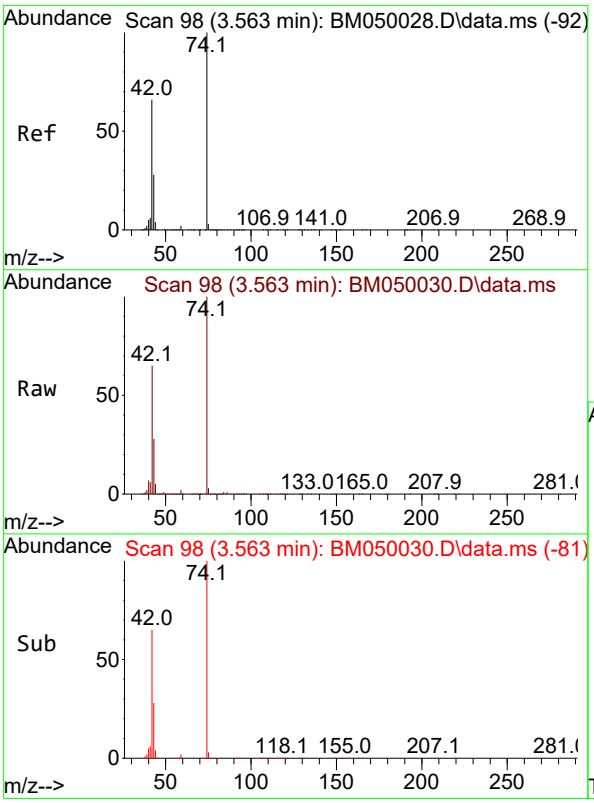
#3
Pyridine
Concen: 61.631 ng
RT: 3.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 923444

Ion	Ratio	Lower	Upper
79	100		
52	61.2	48.6	72.8
51	31.7	24.6	37.0

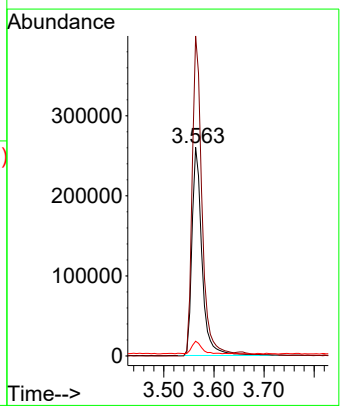


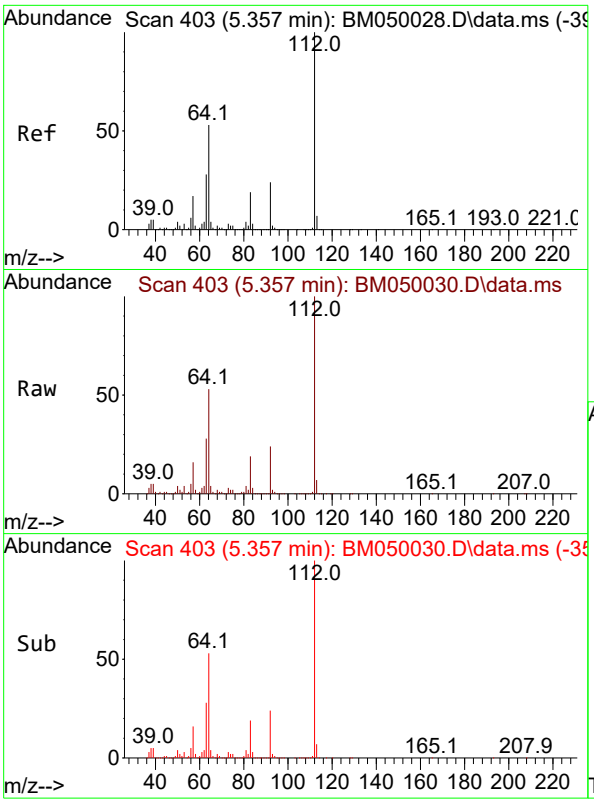


#4
n-Nitrosodimethylamine
Concen: 61.276 ng
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 42 Resp: 360090

Ion	Ratio	Lower	Upper
42	100		
74	153.4	120.2	180.2
44	7.1	6.2	9.2



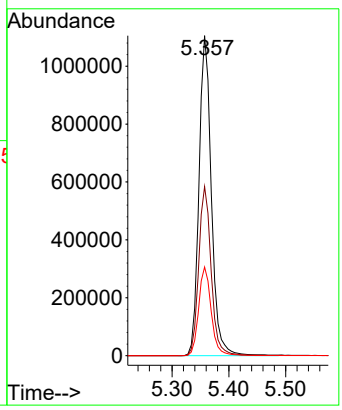


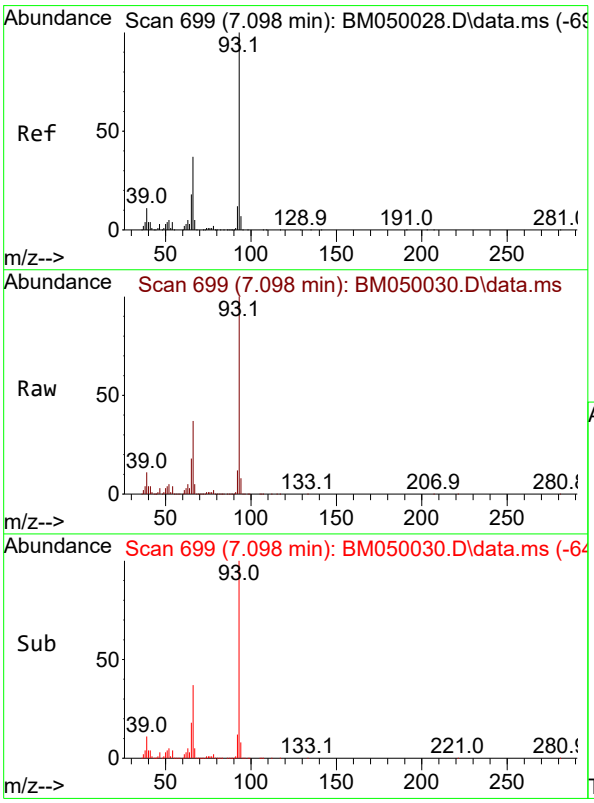
#5
2-Fluorophenol
Concen: 123.234 ng
RT: 5.357 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 1676078

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	64.0
63	27.7	22.2	33.4

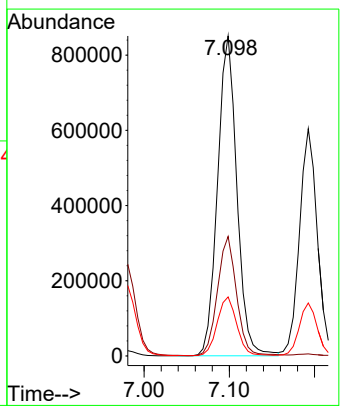


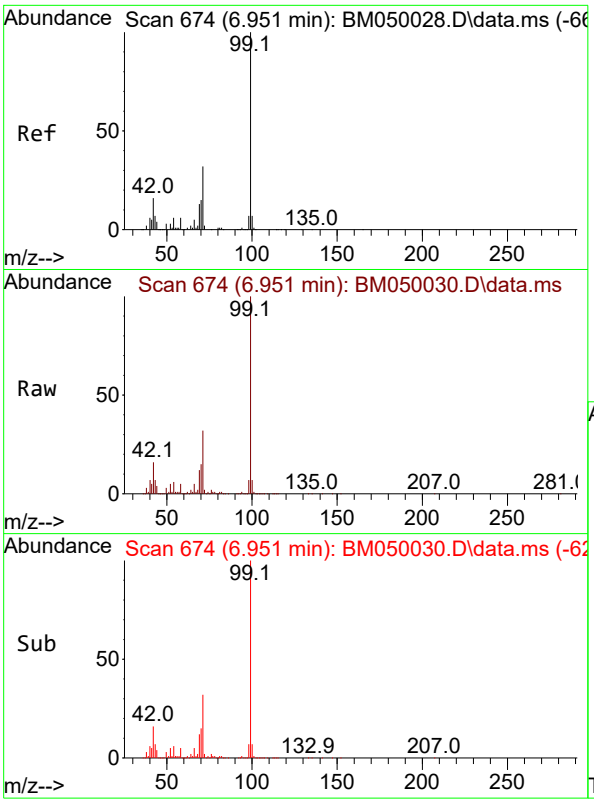


#6
Aniline
Concen: 62.058 ng
RT: 7.098 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1339587

Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.9	44.9
65	18.5	14.5	21.7



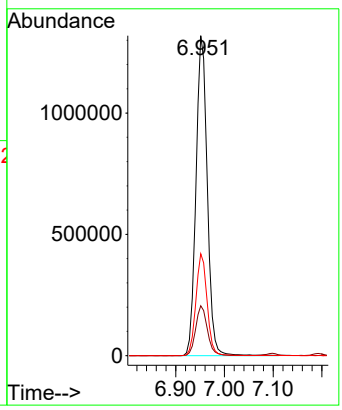


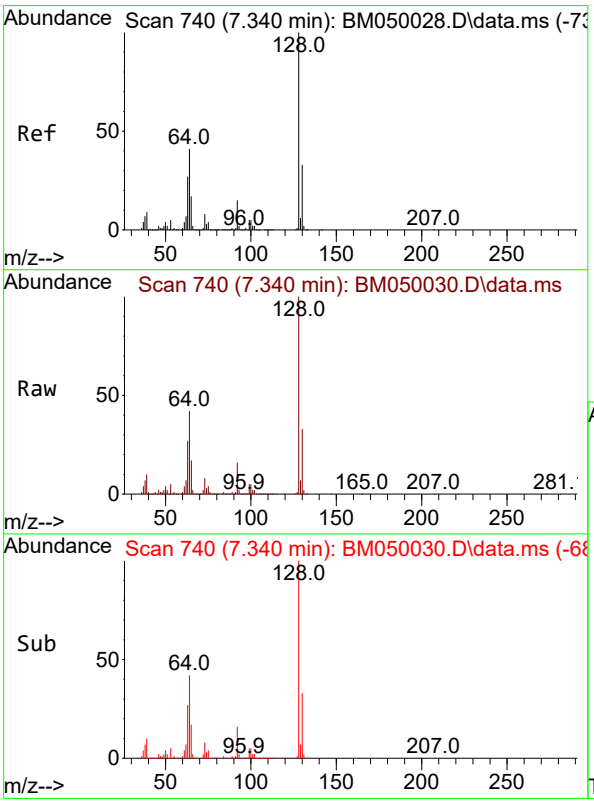
#7
Phenol-d6
Concen: 124.905 ng
RT: 6.951 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 2135178

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.8	25.6	38.4

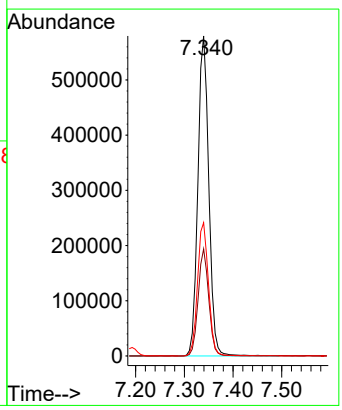


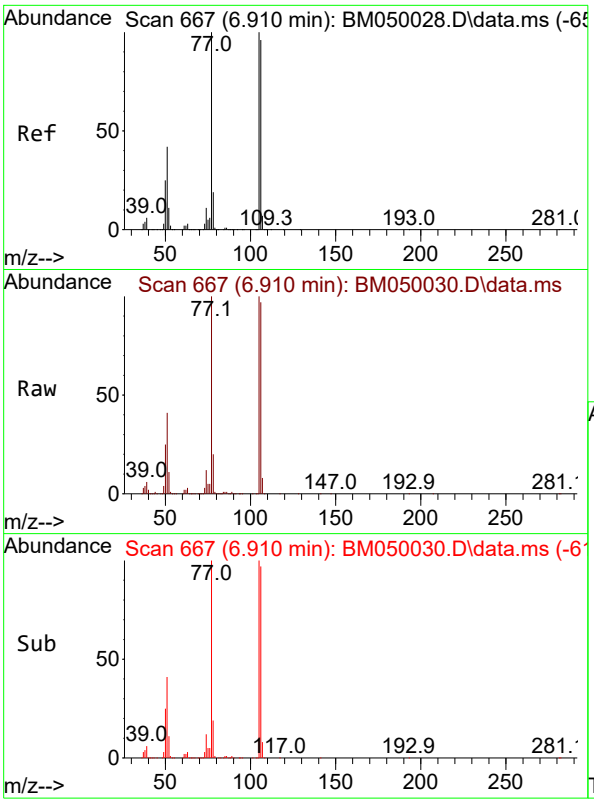


#8
2-Chlorophenol
Concen: 61.600 ng
RT: 7.340 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:128 Resp: 905849

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.8	52.8
64	41.7	21.2	61.2



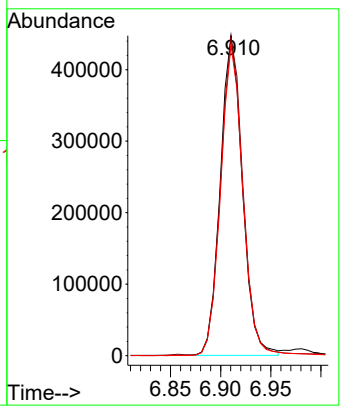


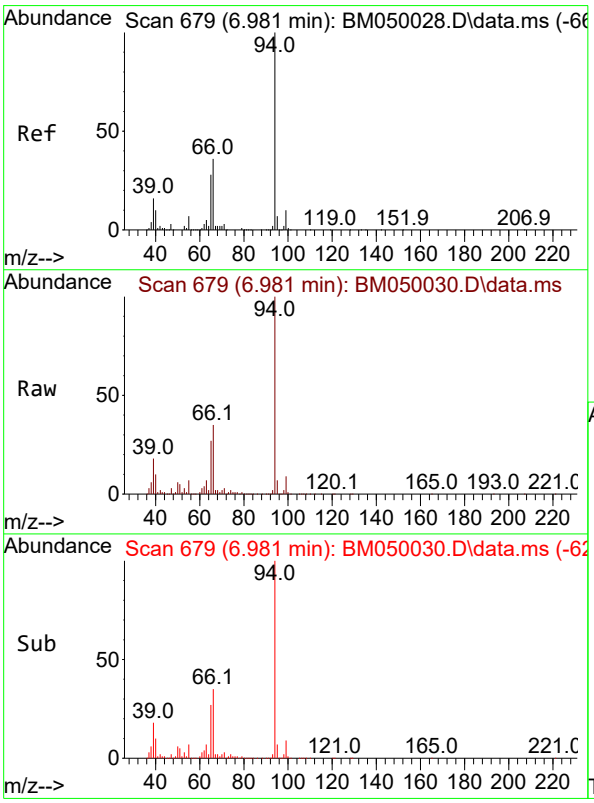
#9
Benzaldehyde
Concen: 59.793 ng
RT: 6.910 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 683177

Ion	Ratio	Lower	Upper
77	100		
105	99.6	80.5	120.5
106	97.1	76.1	116.1

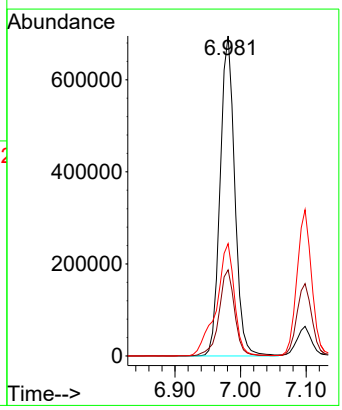


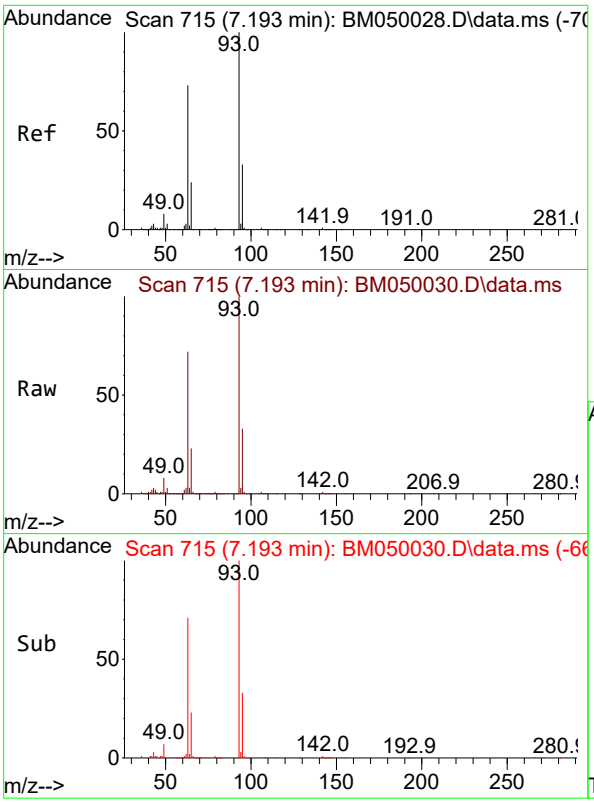


#10
Phenol
Concen: 61.956 ng
RT: 6.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 94 Resp: 1072175

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	35.1	15.8	55.8



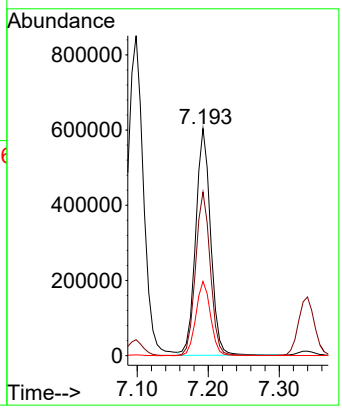


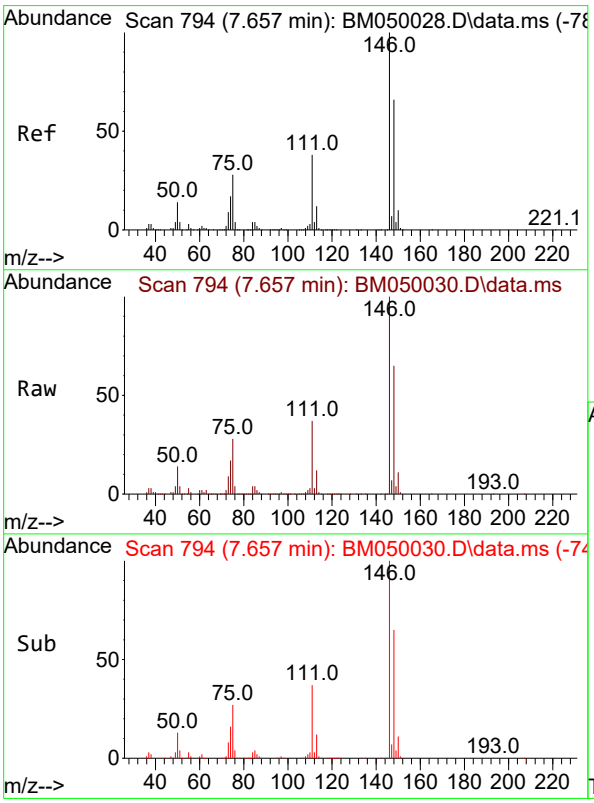
#11
bis(2-Chloroethyl)ether
Concen: 60.947 ng
RT: 7.193 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 880705

Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.3	92.3
95	32.7	12.8	52.8

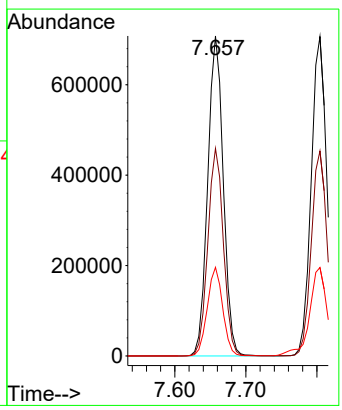


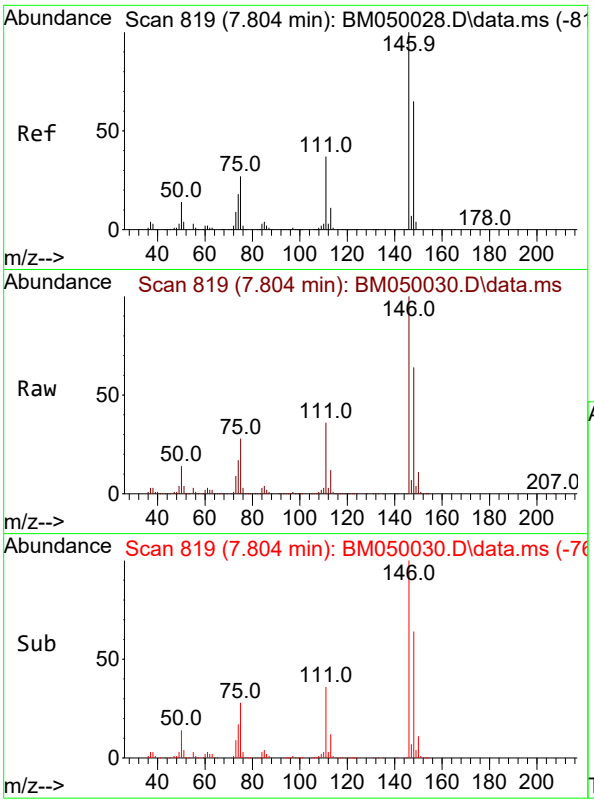


#12
1,3-Dichlorobenzene
Concen: 60.670 ng
RT: 7.657 min Scan# 794
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1077725

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	27.7	22.6	34.0



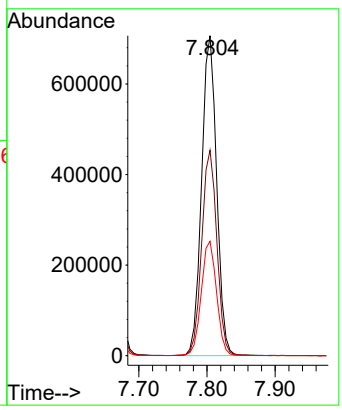


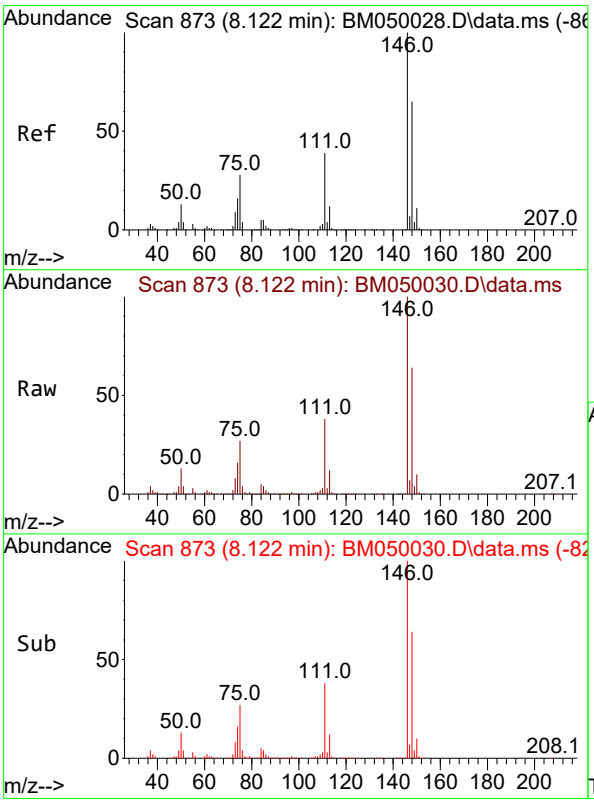
#13
1,4-Dichlorobenzene
Concen: 60.707 ng
RT: 7.804 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1083367

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	35.7	29.3	43.9

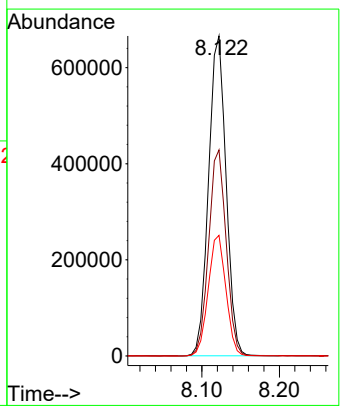


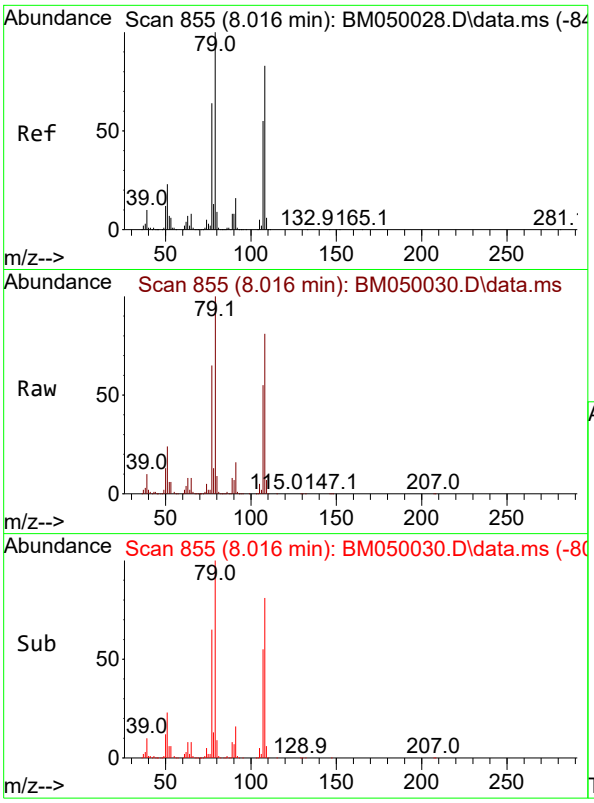


#14
1,2-Dichlorobenzene
Concen: 60.691 ng
RT: 8.122 min Scan# 873
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:146 Resp: 1046214

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.4	78.6
111	37.7	31.0	46.6



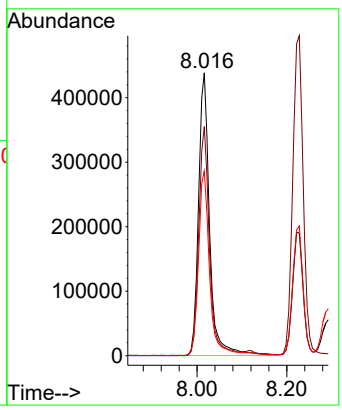


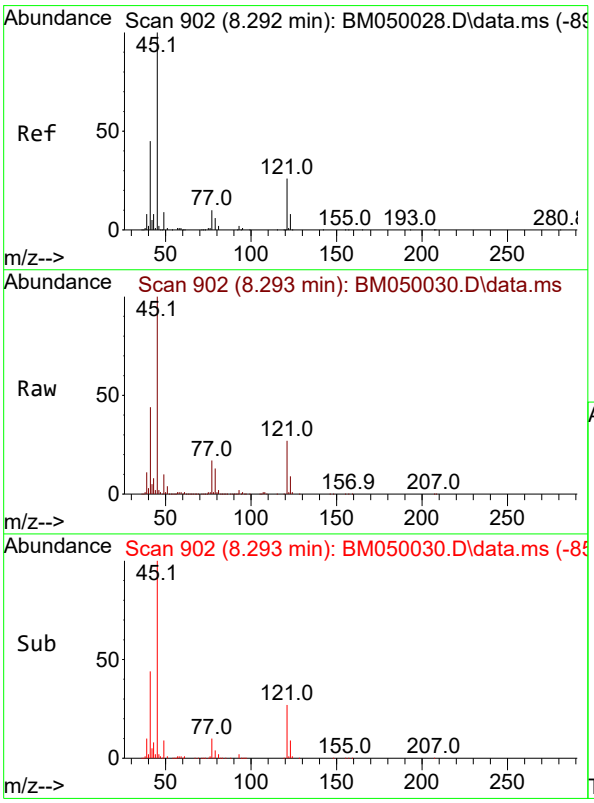
#15
Benzyl Alcohol
Concen: 63.306 ng
RT: 8.016 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 750490

Ion	Ratio	Lower	Upper
79	100		
108	81.0	66.0	99.0
77	65.3	51.6	77.4

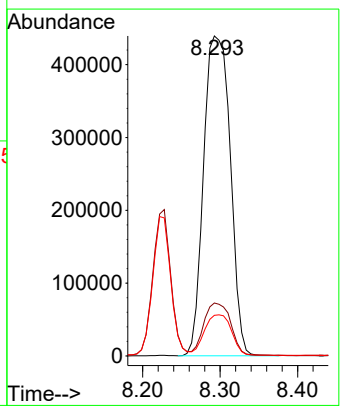


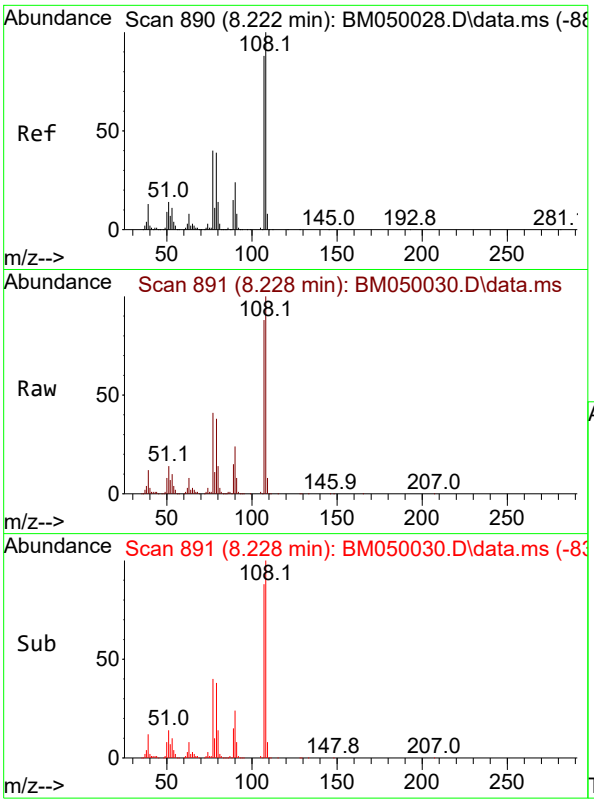


#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.922 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 45 Resp: 1052561

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	12.7	0.0	32.7



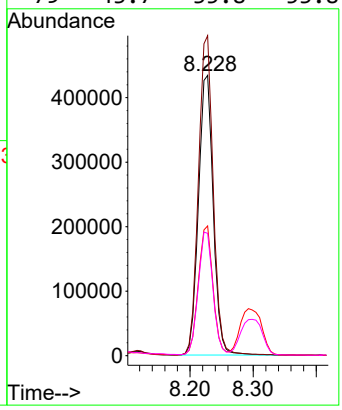


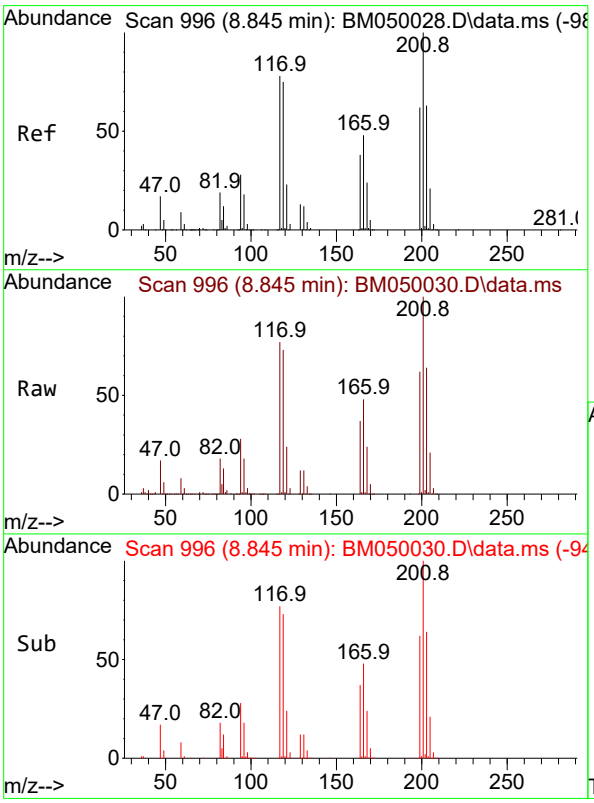
#17
2-Methylphenol
Concen: 61.914 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 705836

Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.1	136.7
77	46.3	36.2	54.4
79	43.7	35.8	53.8

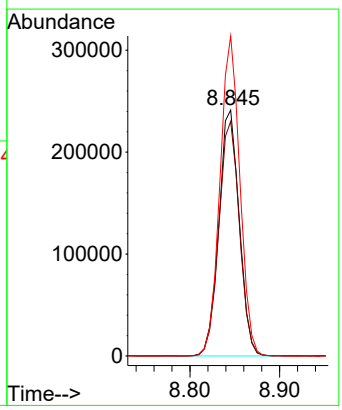


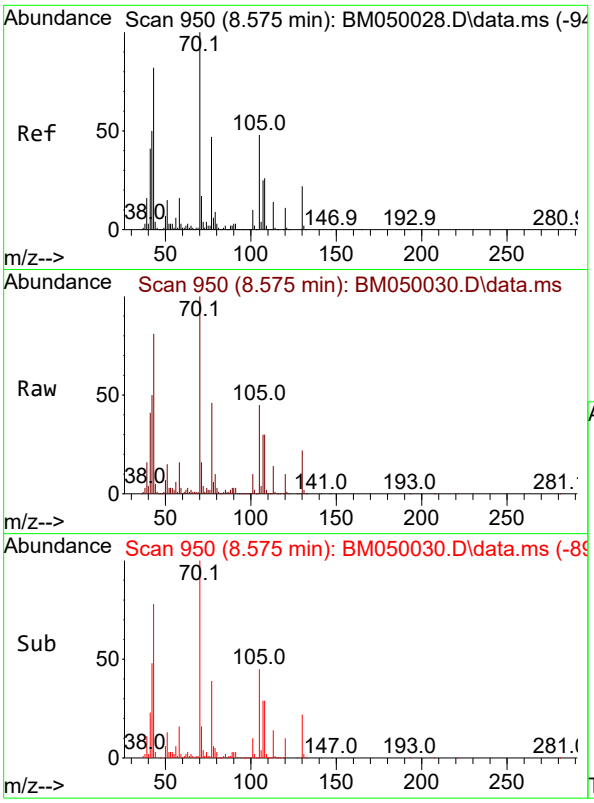


#18
Hexachloroethane
Concen: 60.018 ng
RT: 8.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:117 Resp: 380742

Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
201	130.1	102.8	154.2



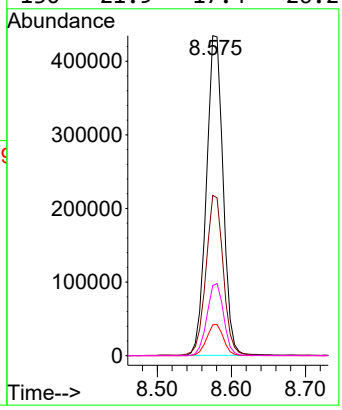


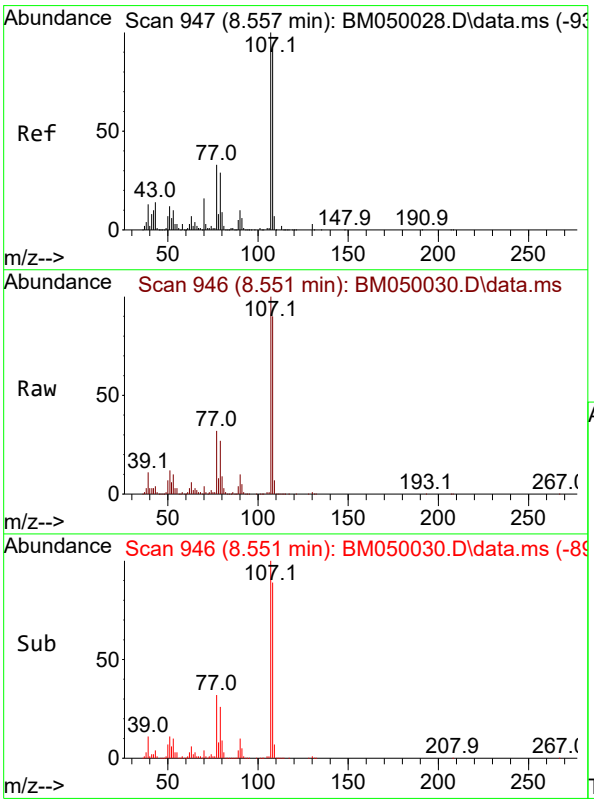
#19
n-Nitroso-di-n-propylamine
Concen: 61.851 ng
RT: 8.575 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 678107

Ion	Ratio	Lower	Upper
70	100		
42	50.1	40.5	60.7
101	9.7	7.8	11.6
130	21.9	17.4	26.2

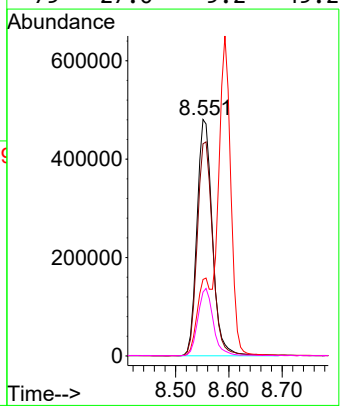


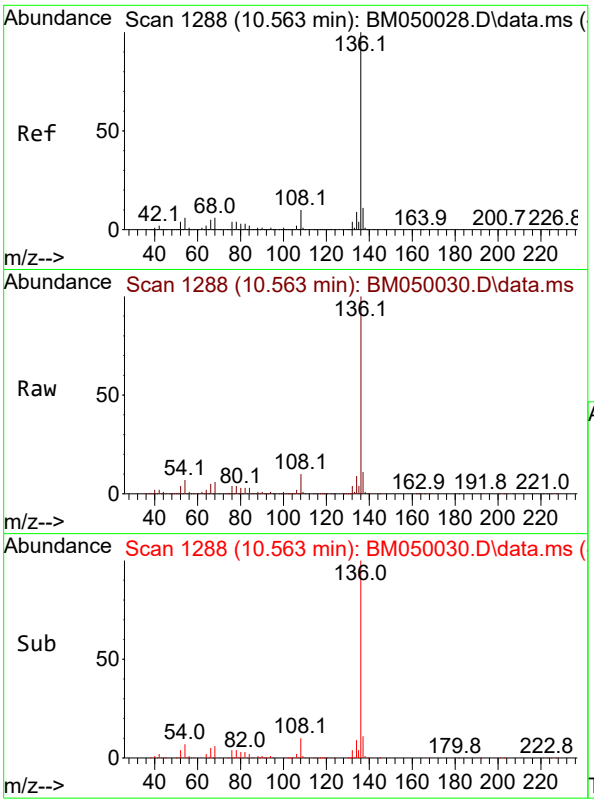


#20
3+4-Methylphenols
Concen: 62.619 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 964063

Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.4	112.4
77	32.4	13.6	53.6
79	27.0	9.2	49.2



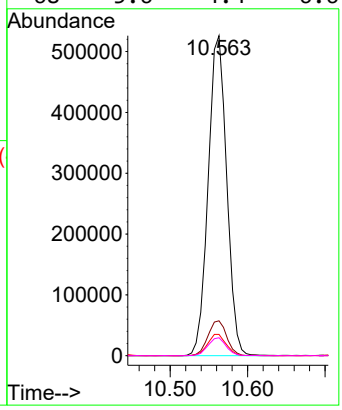


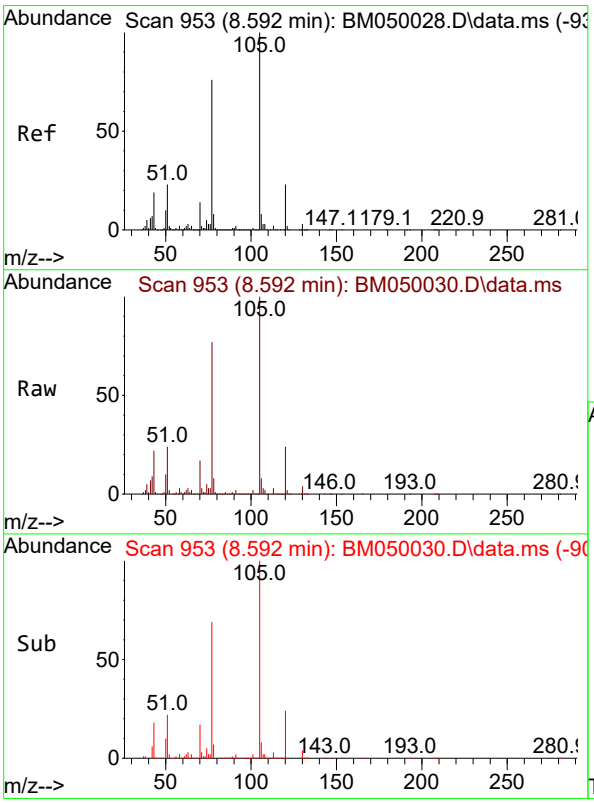
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 873845

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	5.1	7.7
68	5.6	4.4	6.6

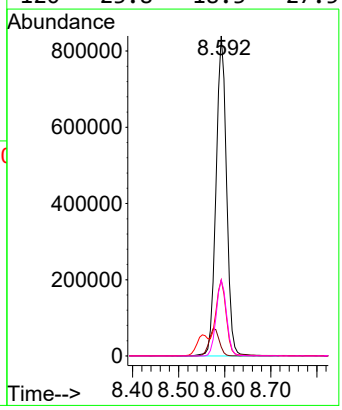


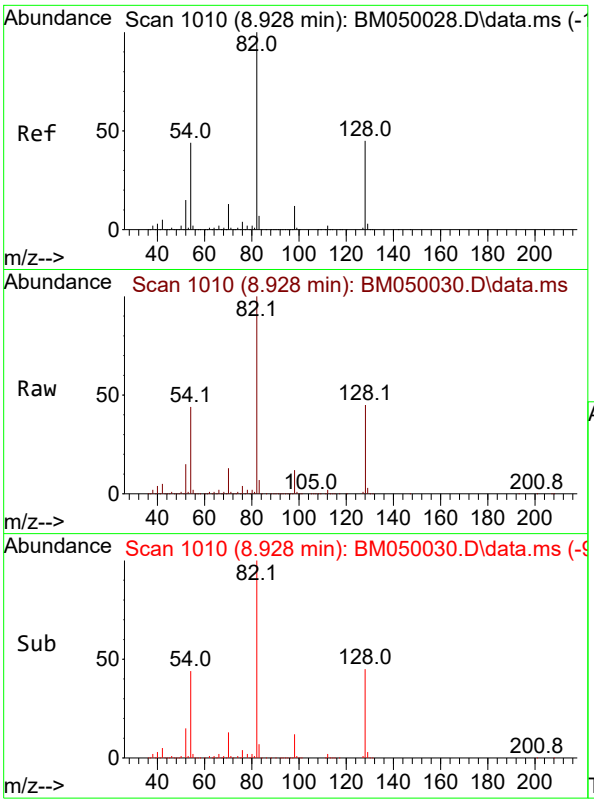


#22
Acetophenone
Concen: 61.030 ng
RT: 8.592 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:105 Resp: 1325893

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.7	2.5#
51	23.7	18.6	27.8
120	23.8	18.3	27.5



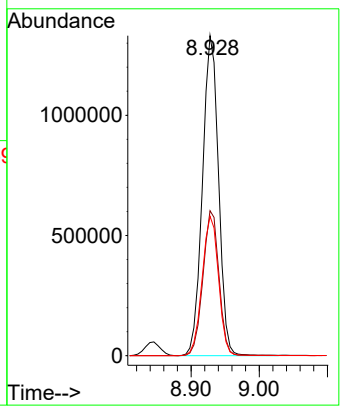


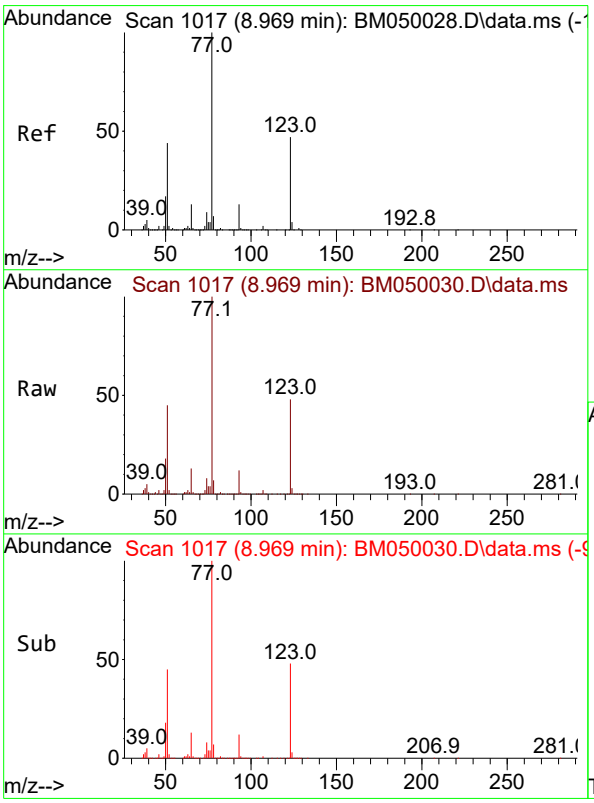
#23
Nitrobenzene-d5
Concen: 123.300 ng
RT: 8.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2186546

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	43.6	35.4	53.2

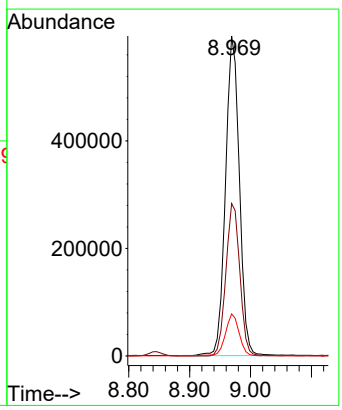


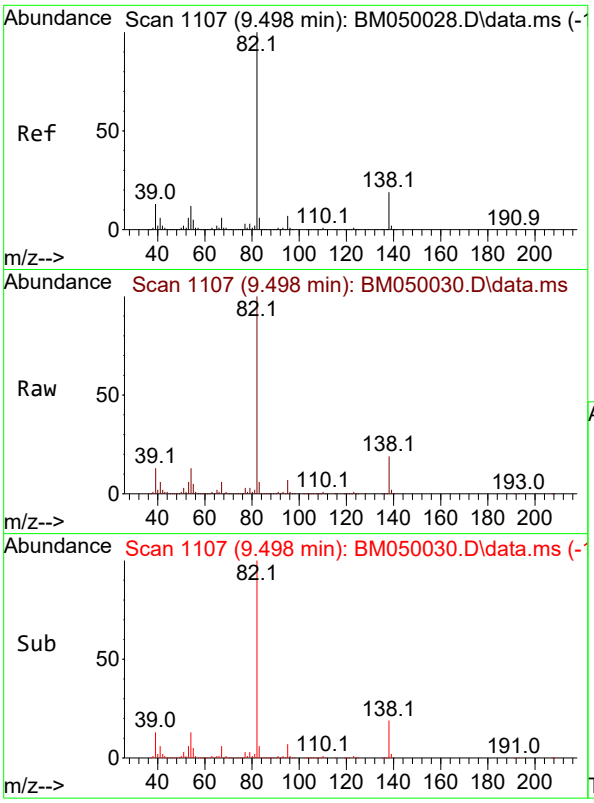


#24
Nitrobenzene
Concen: 61.193 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 77 Resp: 938300

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	13.2	10.1	15.1



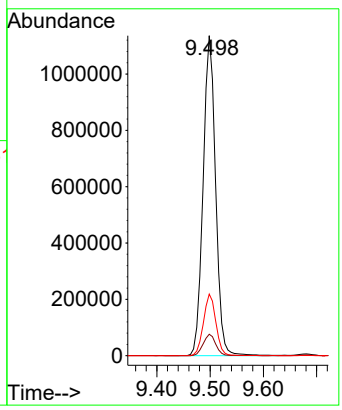


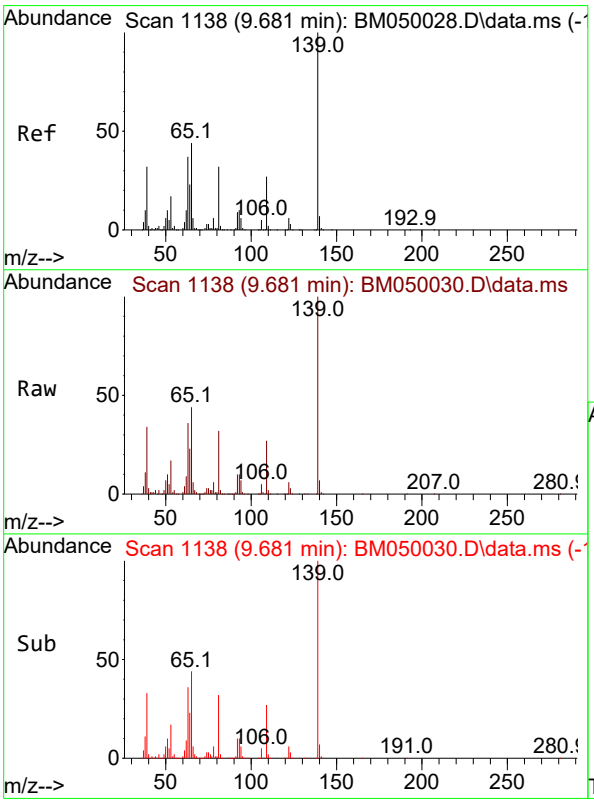
#25
Isophorone
Concen: 61.044 ng
RT: 9.498 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1845274

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.2	15.5	23.3

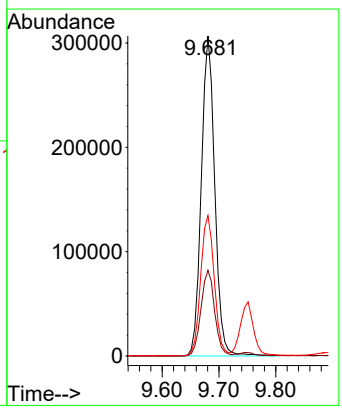


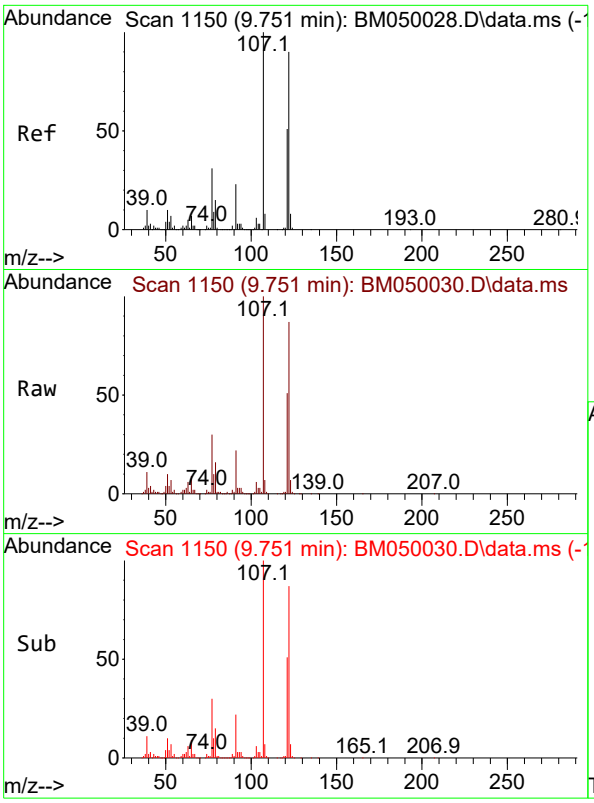


#26
2-Nitrophenol
Concen: 64.395 ng
RT: 9.681 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 504441

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	43.9	35.4	53.2



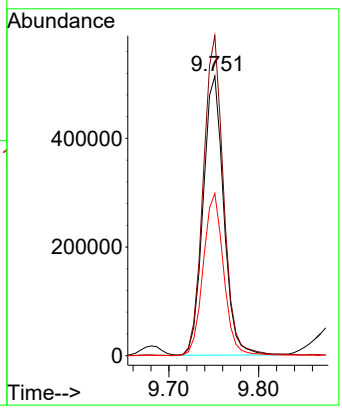


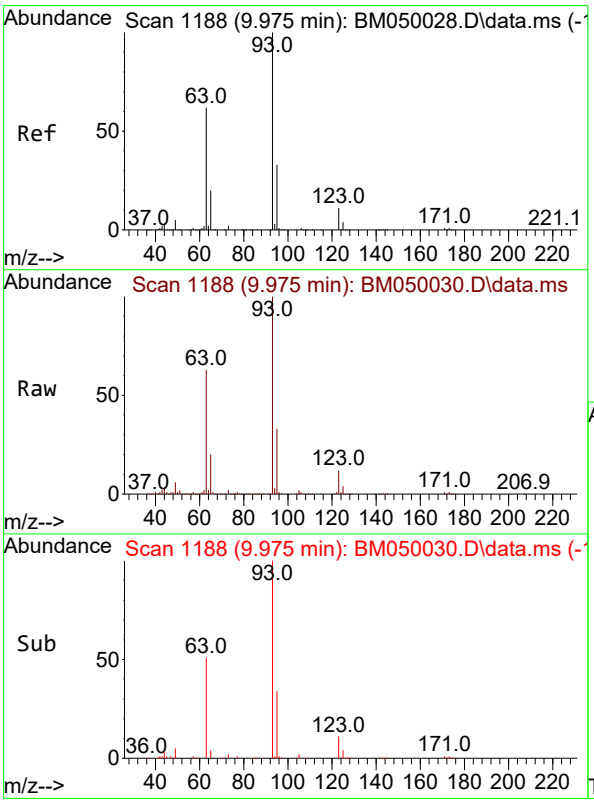
#27
2,4-Dimethylphenol
Concen: 62.869 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 816717

Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.0	133.6
121	58.0	45.6	68.4

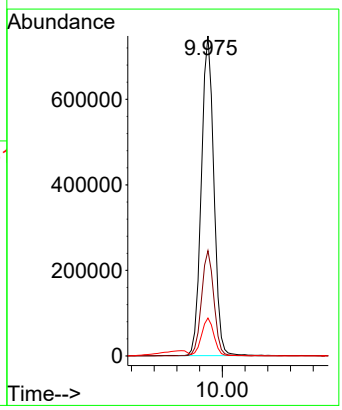


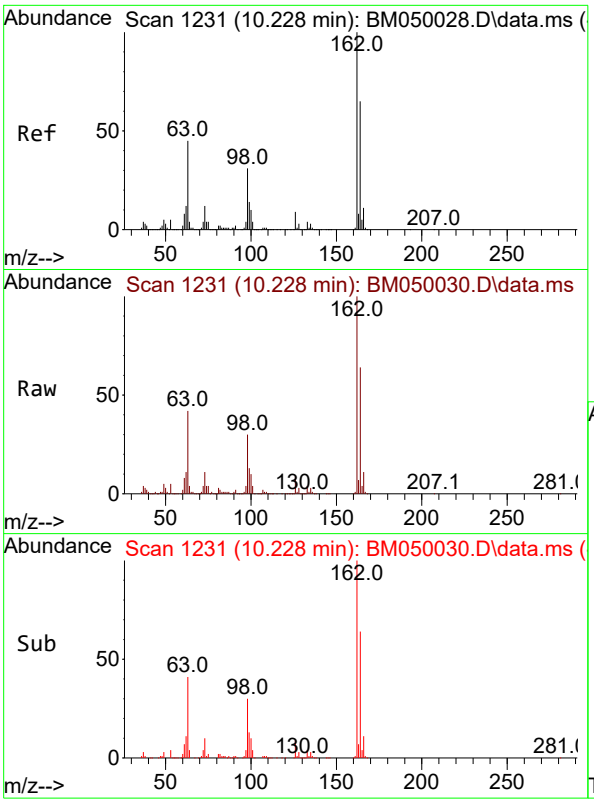


#28
bis(2-Chloroethoxy)methane
Concen: 60.958 ng
RT: 9.975 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 93 Resp: 1138921

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3



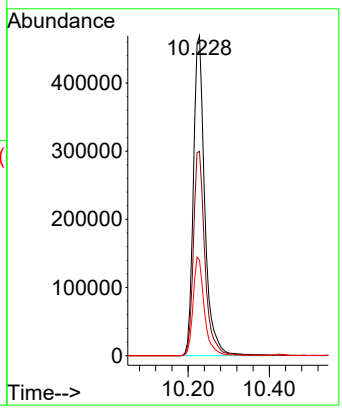


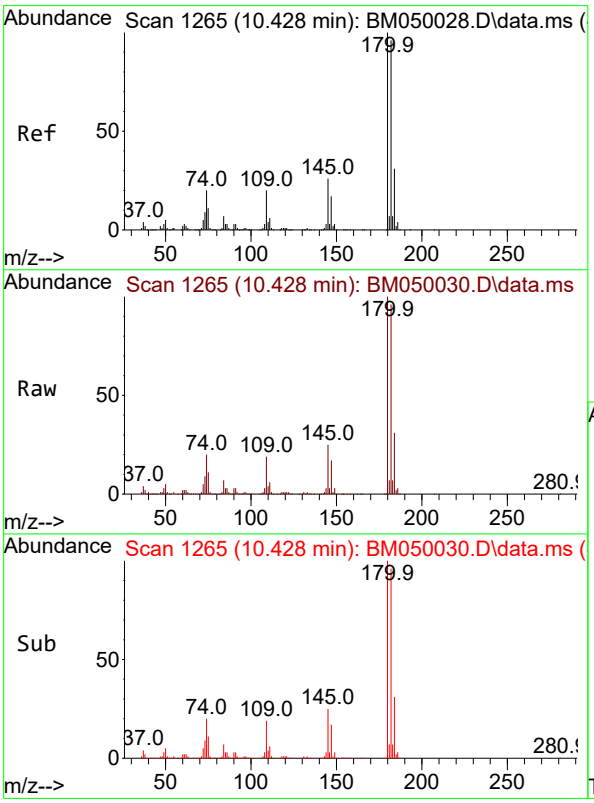
#29
2,4-Dichlorophenol
Concen: 63.266 ng
RT: 10.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 920741

Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.4	85.4
98	29.8	11.3	51.3

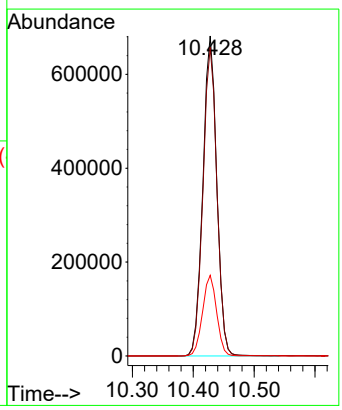


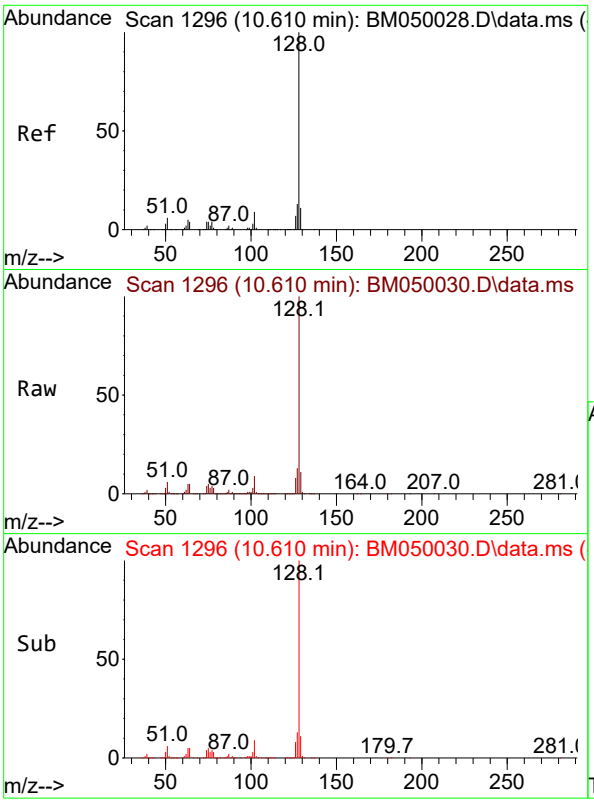


#30
1,2,4-Trichlorobenzene
Concen: 60.907 ng
RT: 10.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:180 Resp: 1079970

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	25.2	20.6	30.8



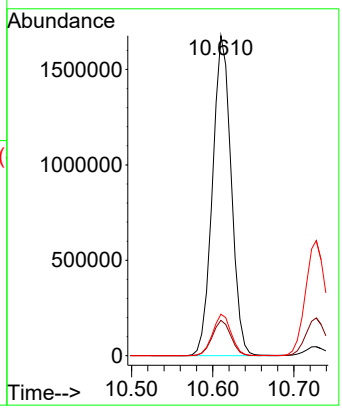


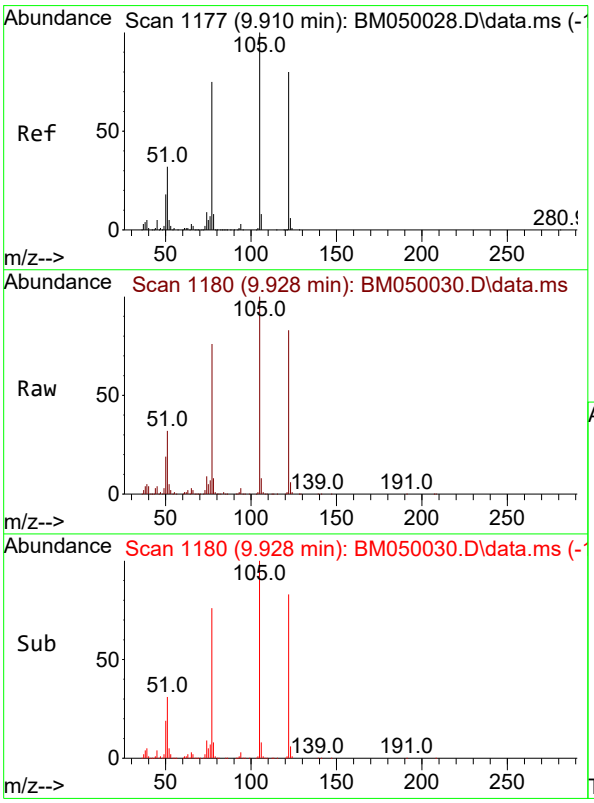
#31
Naphthalene
Concen: 60.626 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 2682942

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.4	15.6

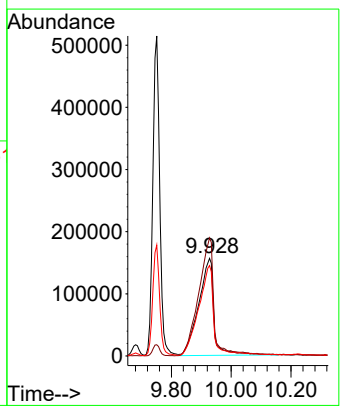


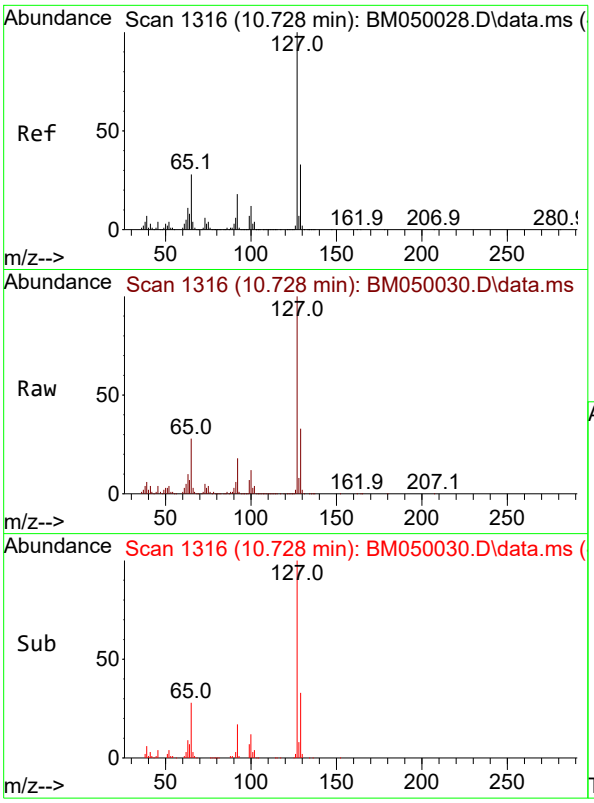


#32
Benzoic acid
Concen: 67.178 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.018 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:122 Resp: 556598

Ion	Ratio	Lower	Upper
122	100		
105	120.9	103.6	143.6
77	92.5	73.7	113.7



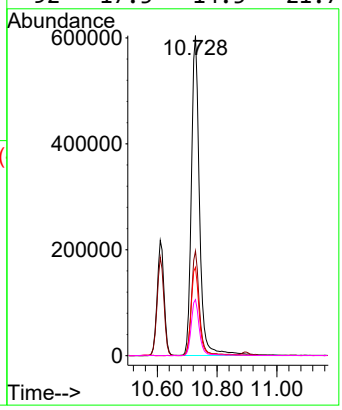


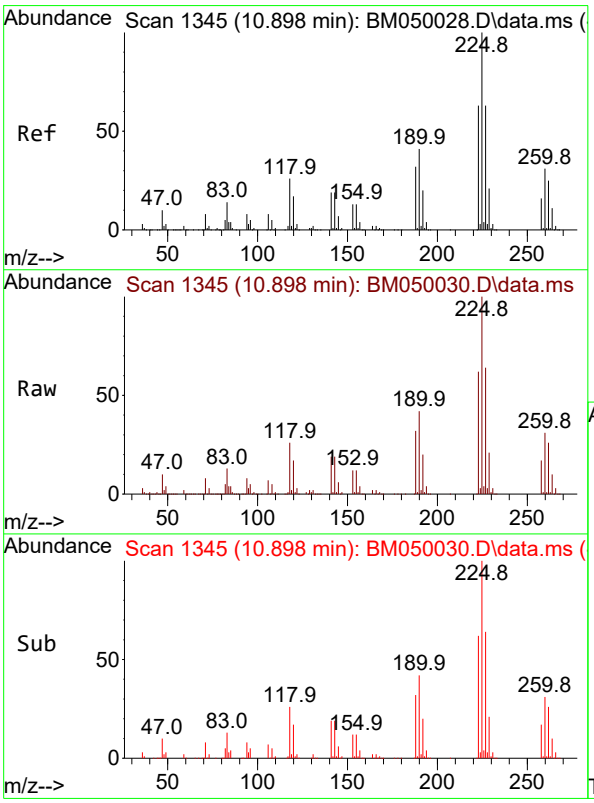
#33
4-Chloroaniline
Concen: 63.184 ng
RT: 10.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1146085

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	27.6	22.5	33.7
92	17.5	14.5	21.7

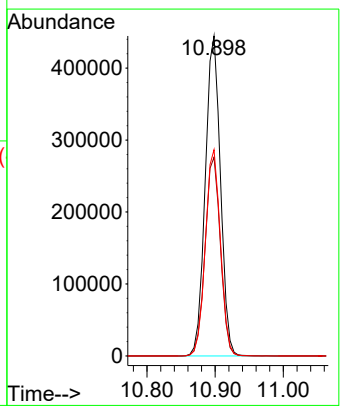


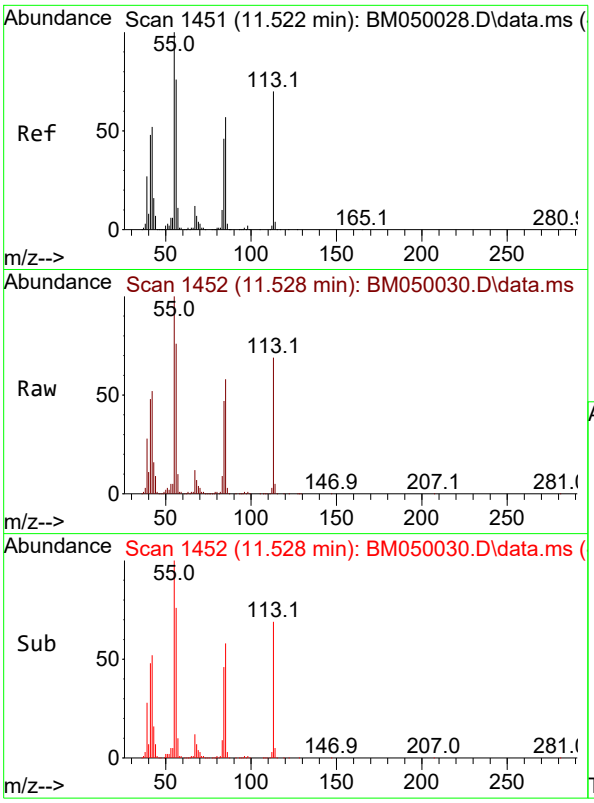


#34
Hexachlorobutadiene
Concen: 61.230 ng
RT: 10.898 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:225 Resp: 689159

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.5	50.6	76.0



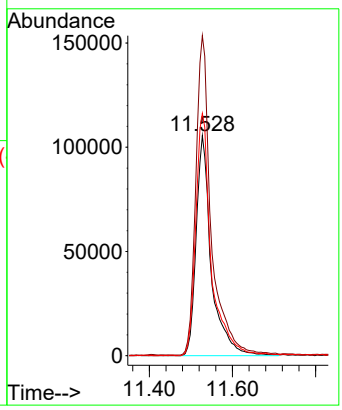


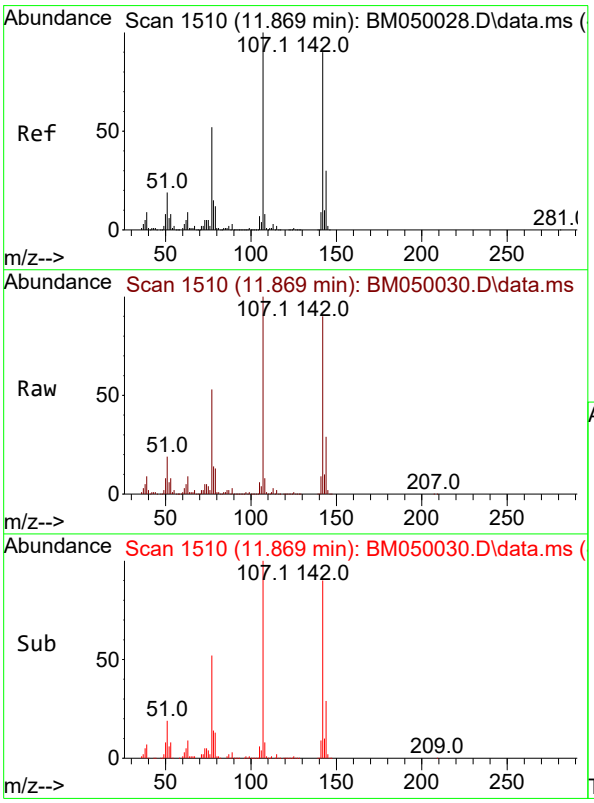
#35
Caprolactam
Concen: 62.845 ng
RT: 11.528 min Scan# 14
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 266678

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.1	88.1	128.1

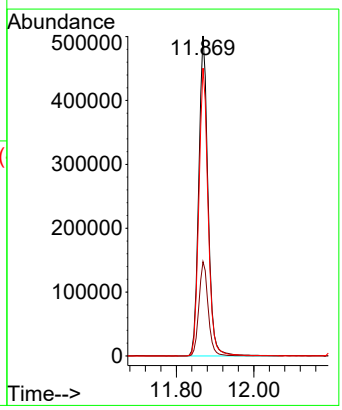


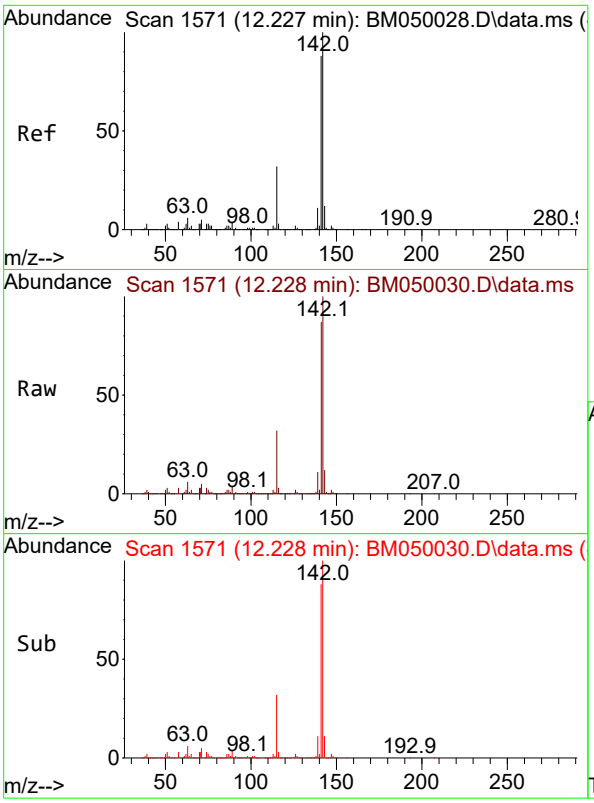


#36
4-Chloro-3-methylphenol
Concen: 61.882 ng
RT: 11.869 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:107 Resp: 832050

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.8	35.6
142	89.9	71.9	107.9



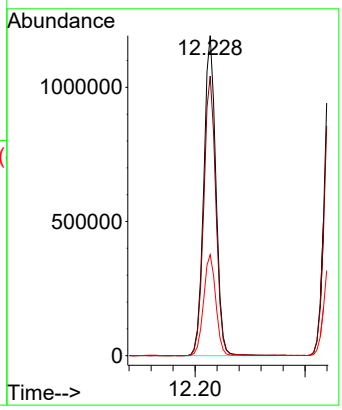


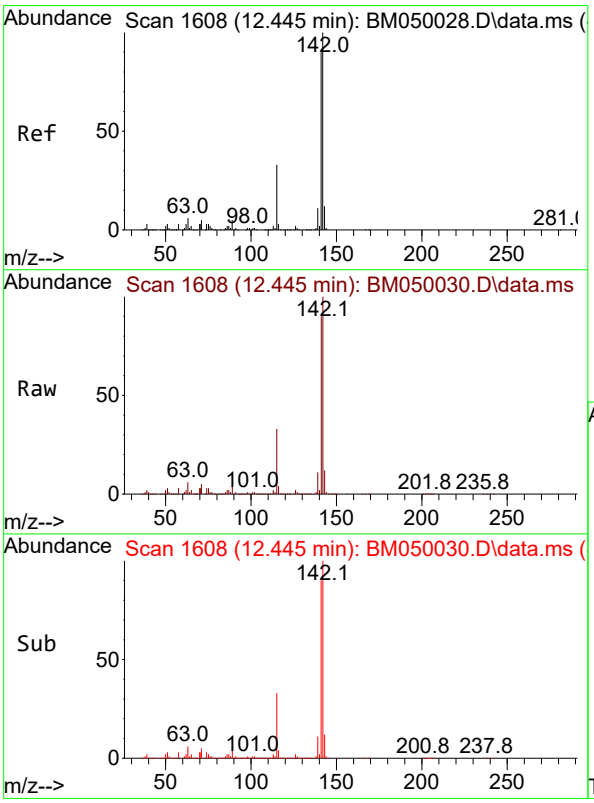
#37
2-Methylnaphthalene
Concen: 61.185 ng
RT: 12.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1815345

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.4	105.6
115	31.5	25.4	38.2

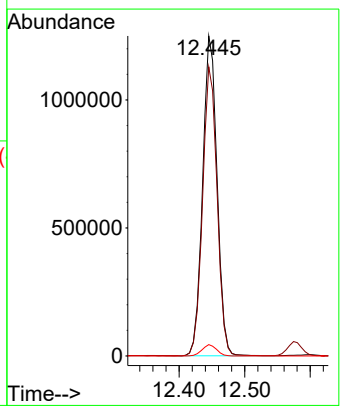


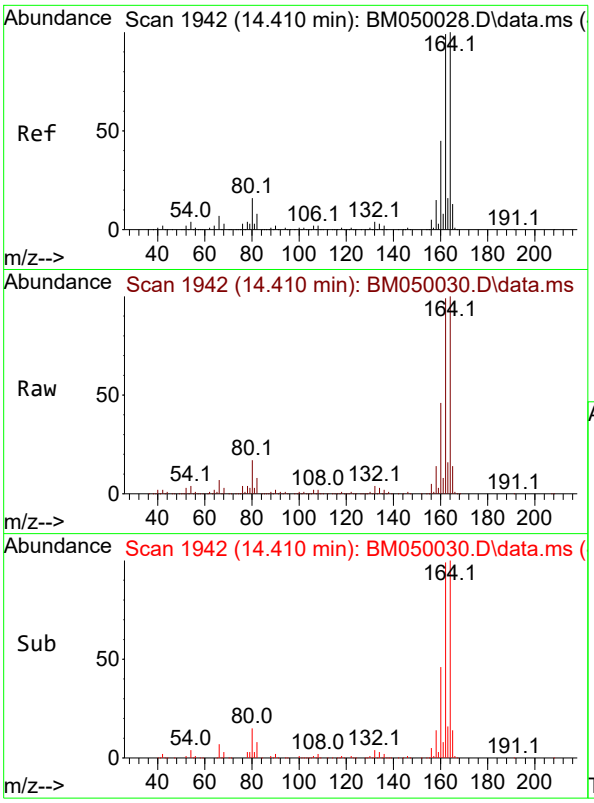


#38
1-Methylnaphthalene
Concen: 61.021 ng
RT: 12.445 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:142 Resp: 1916000

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.1	108.1
116	3.5	2.7	4.1



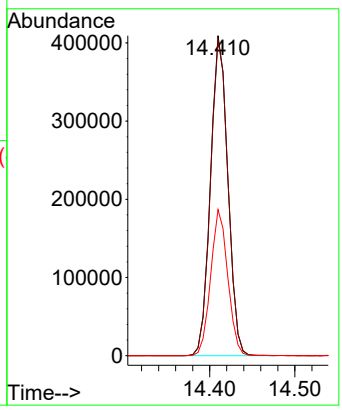


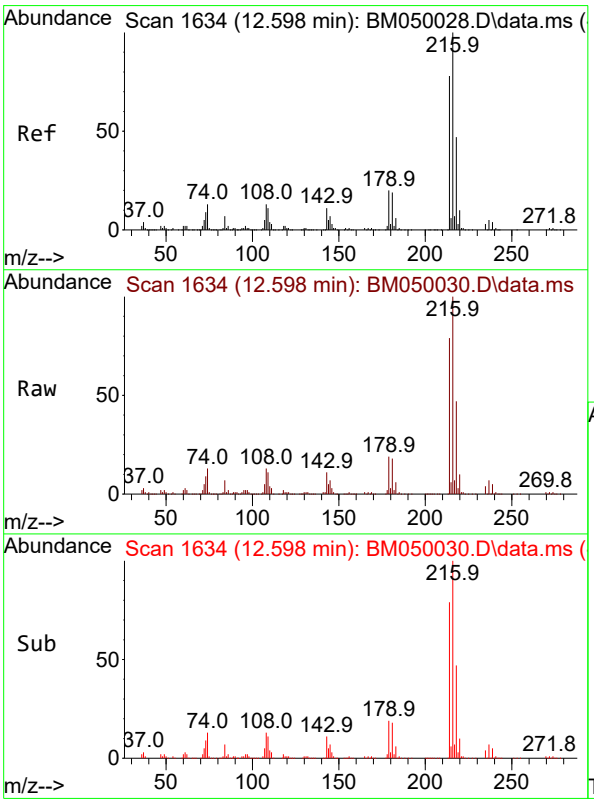
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 580977

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	45.7	36.2	54.4

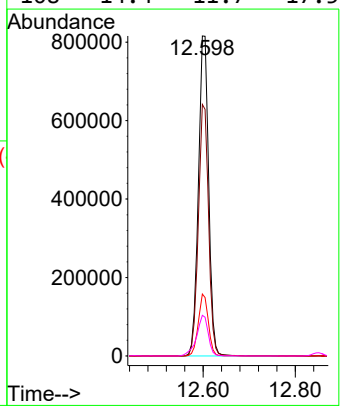


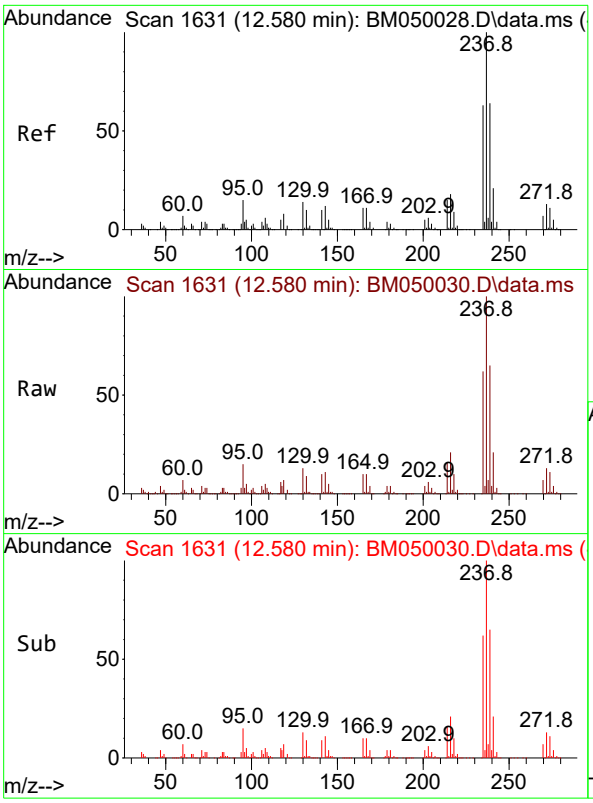


#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.853 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:216 Resp: 1264090

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	18.9	15.4	23.0
108	14.4	11.7	17.5



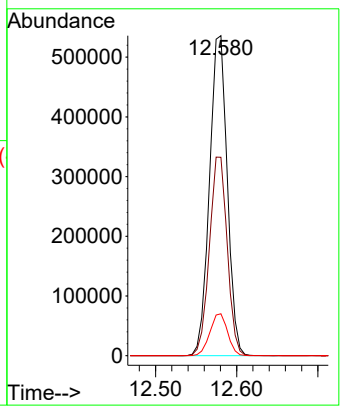


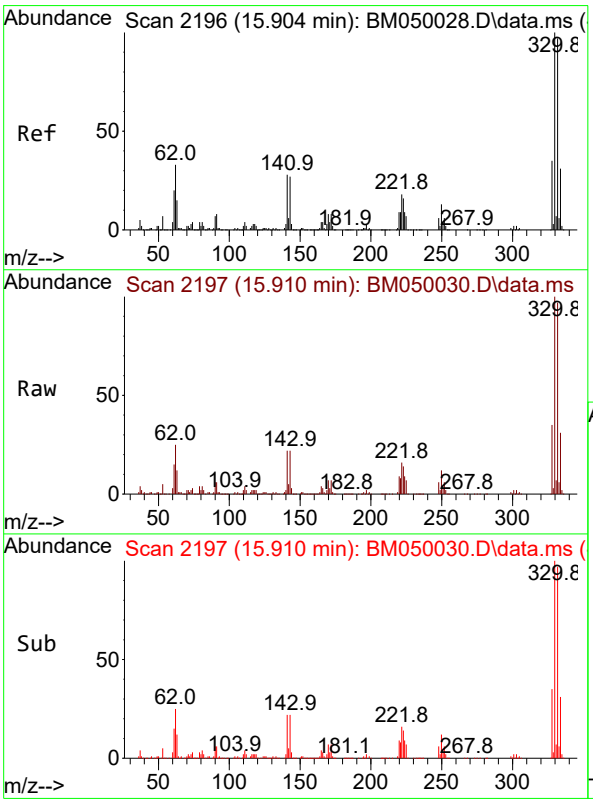
#41
Hexachlorocyclopentadiene
Concen: 66.248 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 814238

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.9	82.9
272	13.1	0.0	32.9

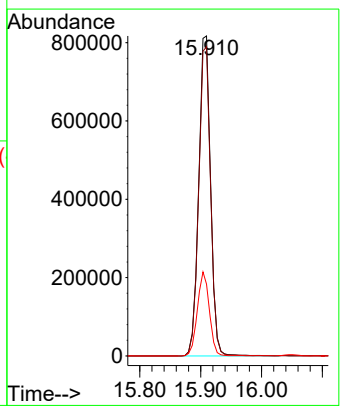


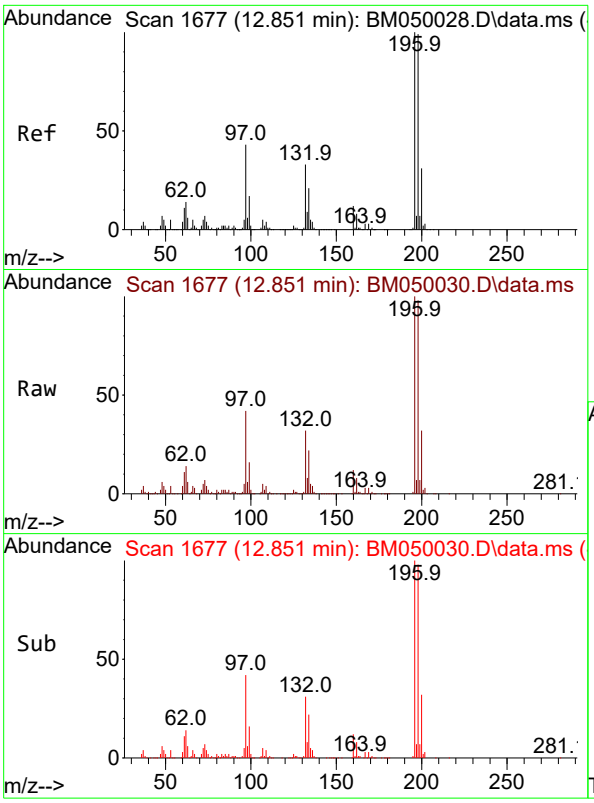


#42
2,4,6-Tribromophenol
Concen: 128.968 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:330 Resp: 1107899

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	26.6	22.5	33.7



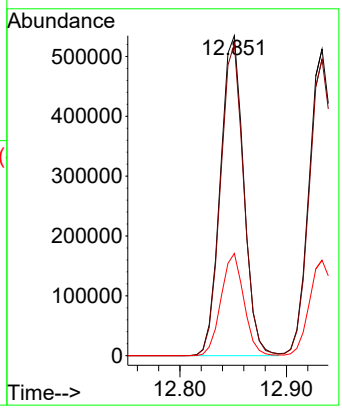


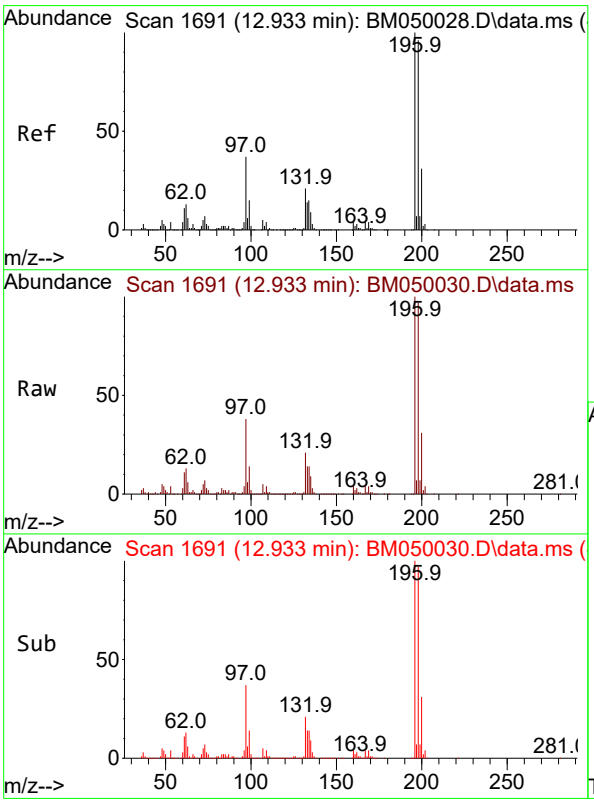
#43
2,4,6-Trichlorophenol
Concen: 63.832 ng
RT: 12.851 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 814256

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.0	118.6
200	31.9	25.1	37.7

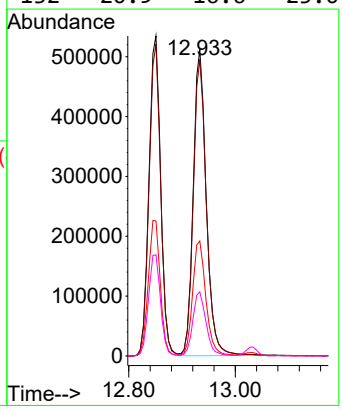


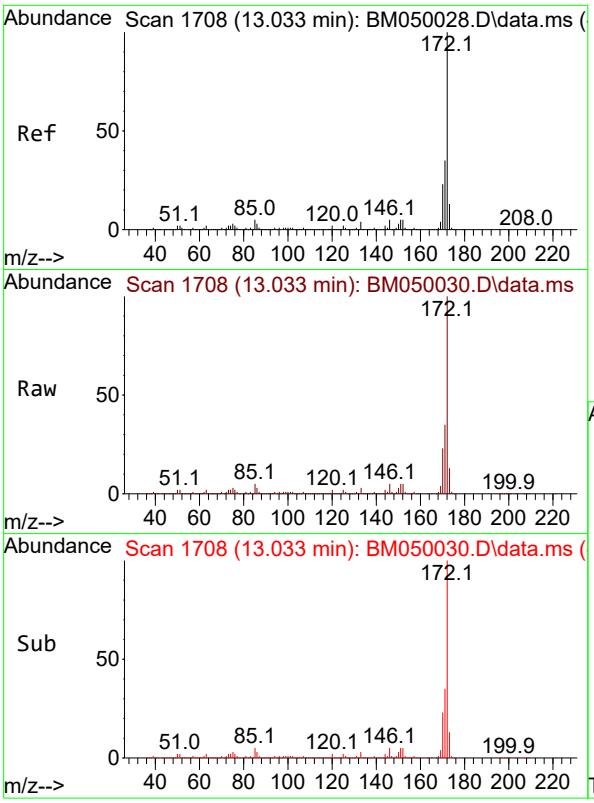


#44
2,4,5-Trichlorophenol
Concen: 63.459 ng
RT: 12.933 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:196 Resp: 872921

Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.7	115.1
97	37.5	30.1	45.1
132	20.9	16.6	25.0



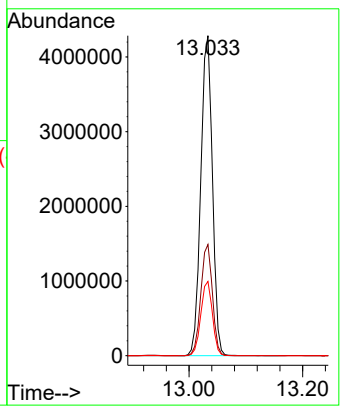


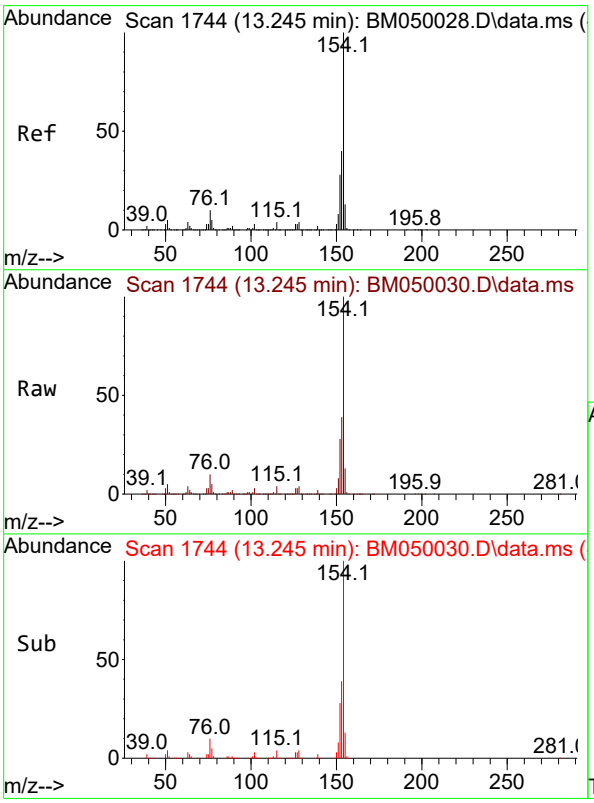
#45
2-Fluorobiphenyl
Concen: 123.782 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 6079094

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.2	18.6	28.0

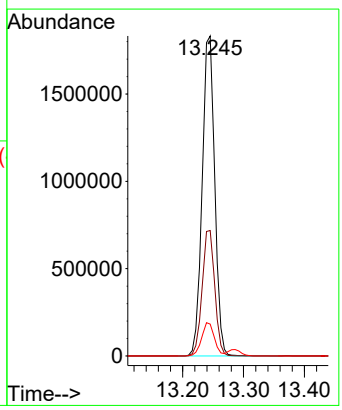


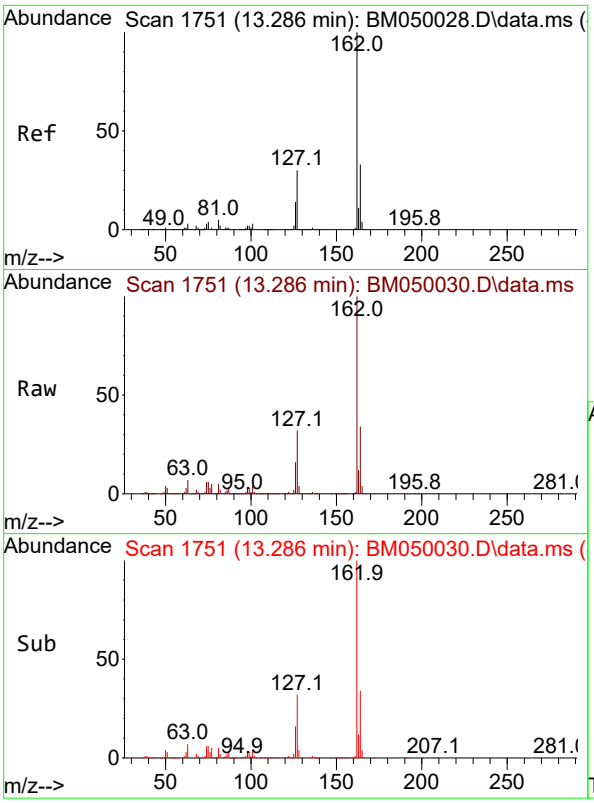


#46
1,1'-Biphenyl
Concen: 60.817 ng
RT: 13.245 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 2626494

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.9	0.0	30.3



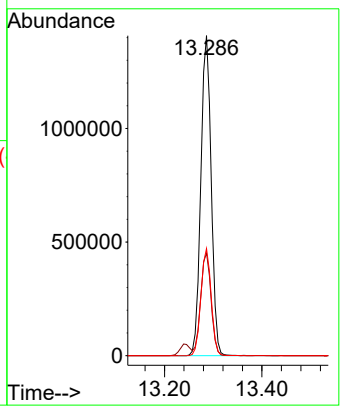


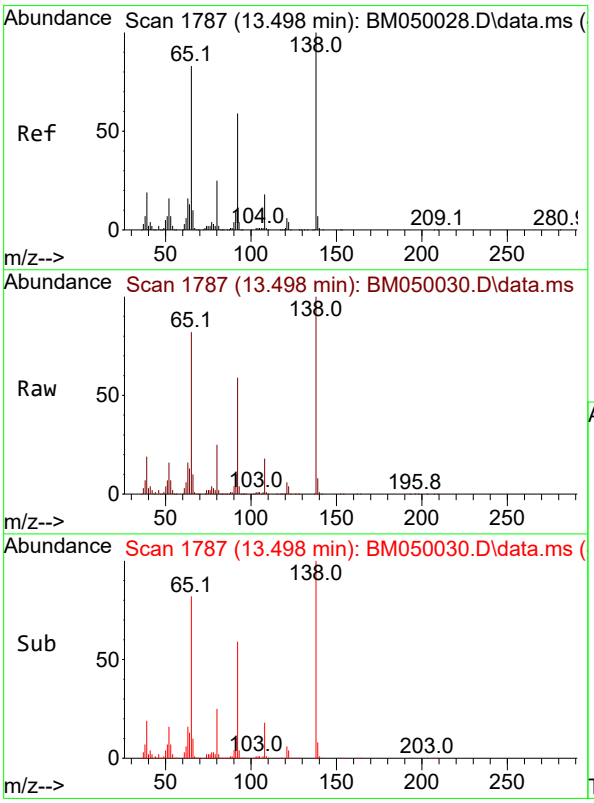
#47
2-Chloronaphthalene
Concen: 60.760 ng
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2078242

Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.5	26.6	40.0

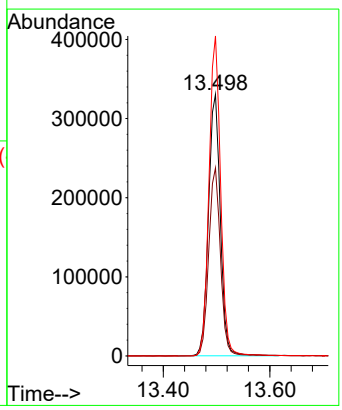


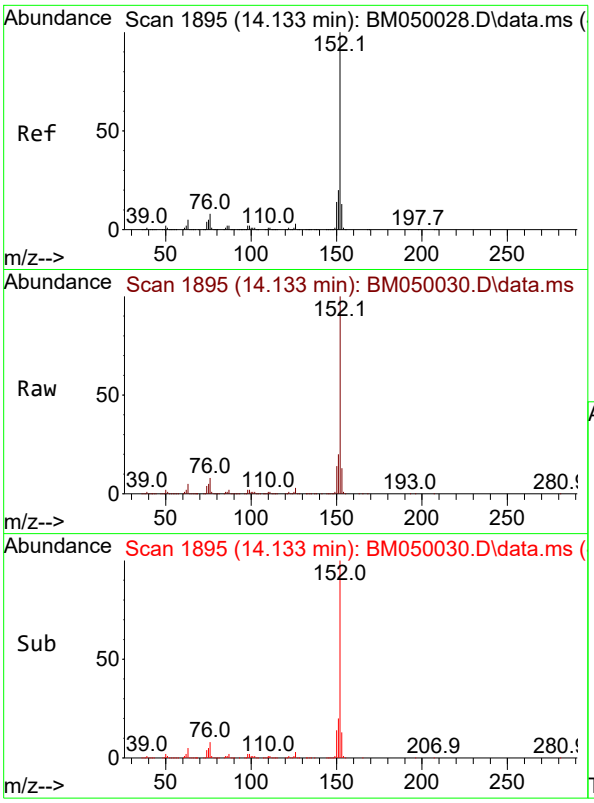


#48
2-Nitroaniline
Concen: 63.847 ng
RT: 13.498 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion: 65 Resp: 512544

Ion	Ratio	Lower	Upper
65	100		
92	71.9	57.1	85.7
138	122.3	97.0	145.4



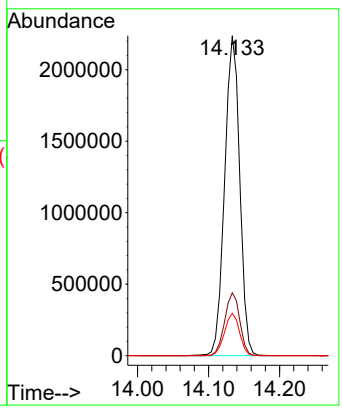


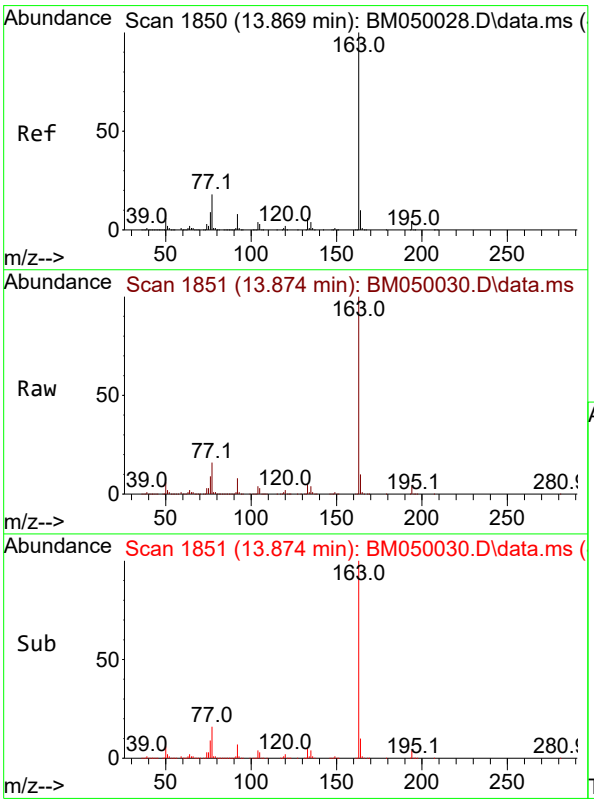
#49
Acenaphthylene
Concen: 61.060 ng
RT: 14.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 3292902

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8

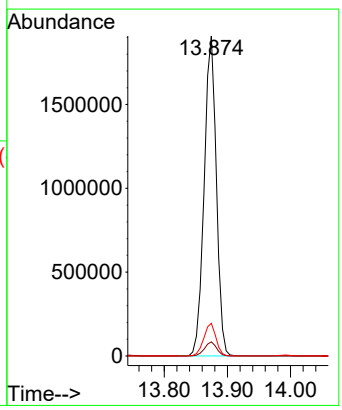


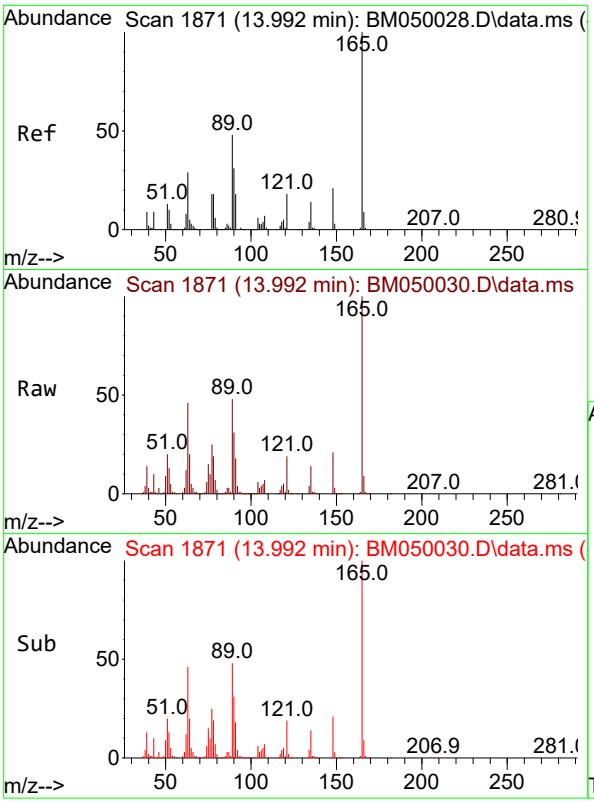


#50
Dimethylphthalate
Concen: 60.347 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:163 Resp: 2562233

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.2	8.2	12.2



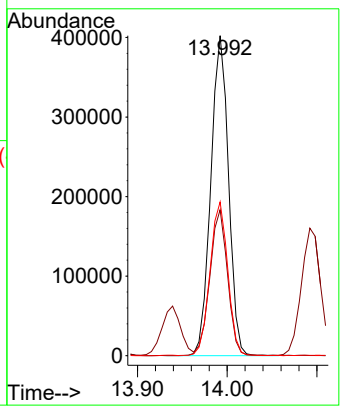


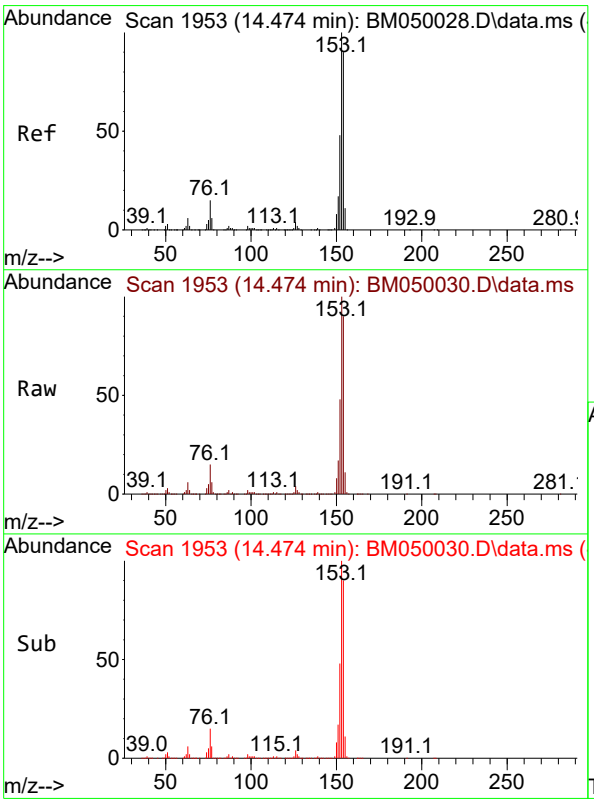
#51
2,6-Dinitrotoluene
Concen: 62.732 ng
RT: 13.992 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 551466

Ion	Ratio	Lower	Upper
165	100		
63	45.6	35.1	52.7
89	48.1	38.4	57.6

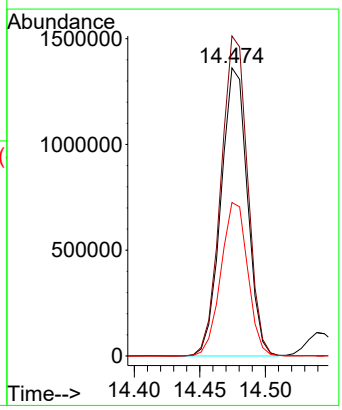


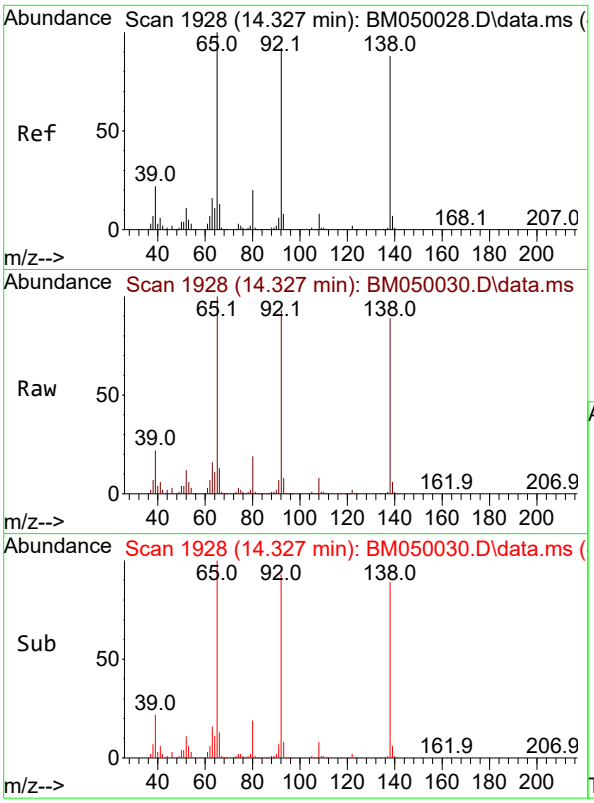


#52
Acenaphthene
Concen: 61.089 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:154 Resp: 1906973

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	53.3	43.0	64.6



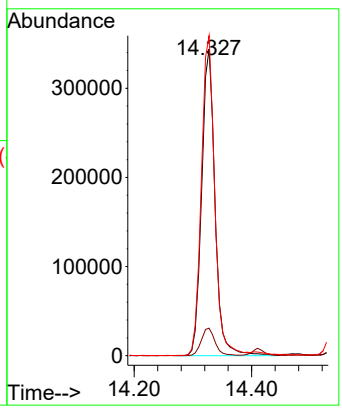


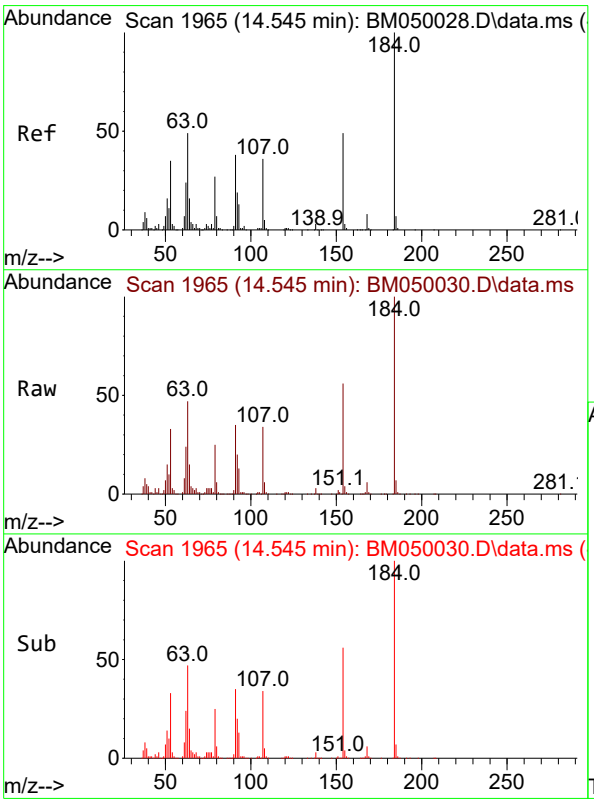
#53
3-Nitroaniline
Concen: 64.574 ng
RT: 14.327 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 541960

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.4	11.2
92	104.3	84.0	126.0

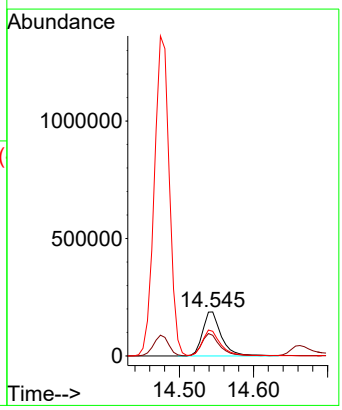


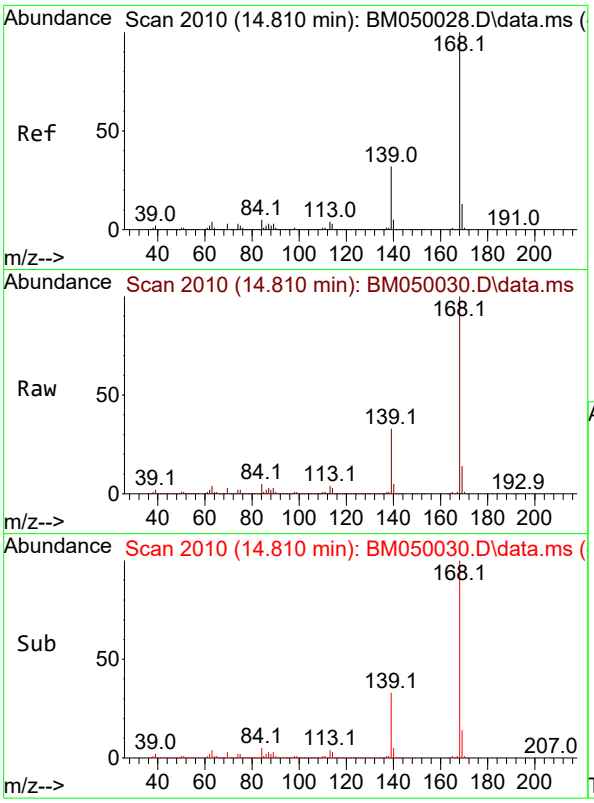


#54
2,4-Dinitrophenol
Concen: 59.847 ng
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:184 Resp: 327924

Ion	Ratio	Lower	Upper
184	100		
63	46.9	39.8	59.6
154	56.0	46.1	69.1



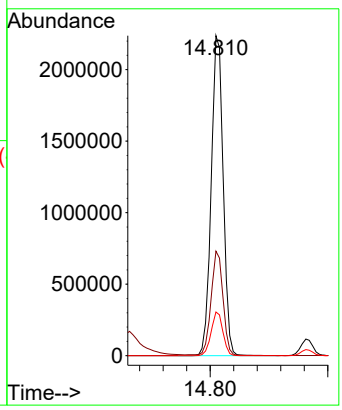


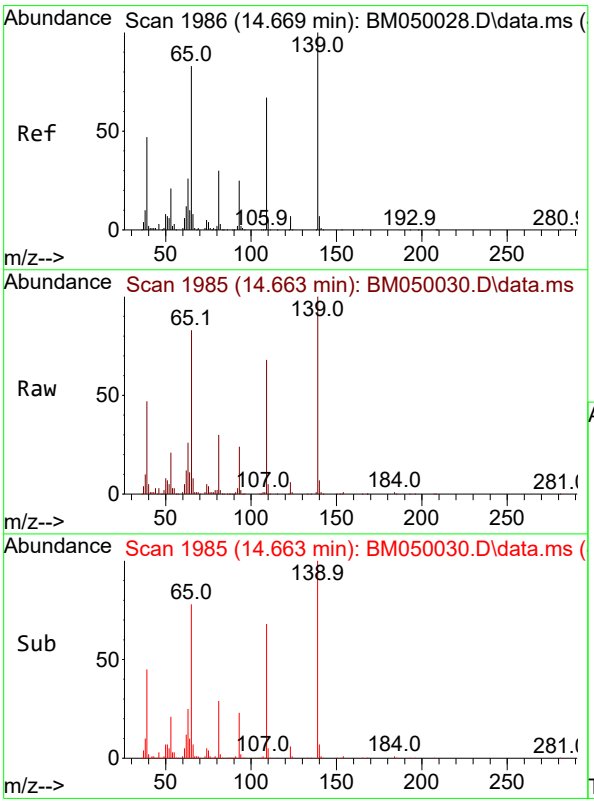
#55
Dibenzofuran
Concen: 60.738 ng
RT: 14.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 3154566

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.6	10.8	16.2

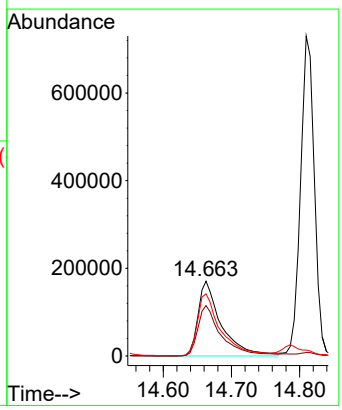


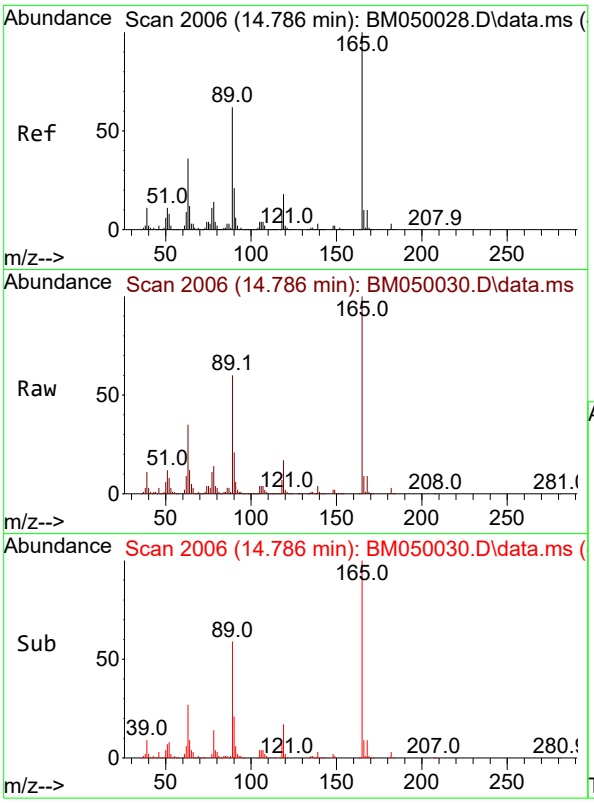


#56
4-Nitrophenol
Concen: 60.088 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:139 Resp: 402106

Ion	Ratio	Lower	Upper
139	100		
109	67.5	47.0	87.0
65	83.0	64.3	104.3



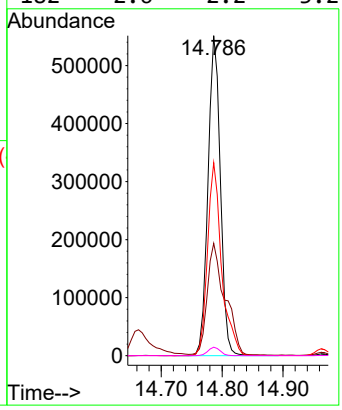


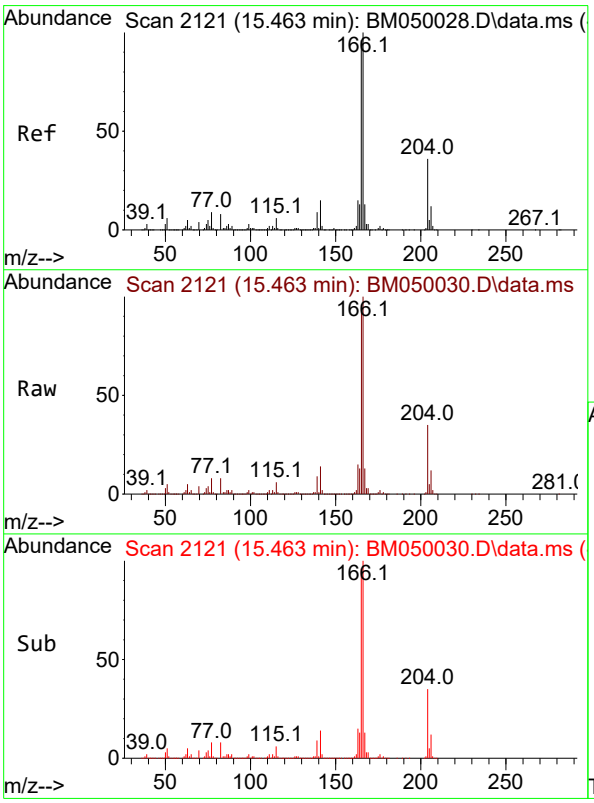
#57
2,4-Dinitrotoluene
Concen: 64.180 ng
RT: 14.786 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 779604

Ion	Ratio	Lower	Upper
165	100		
63	35.1	29.0	43.6
89	60.3	49.4	74.2
182	2.6	2.2	3.2

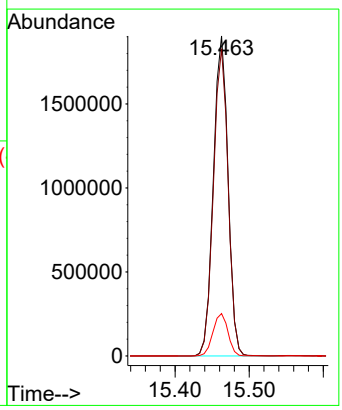


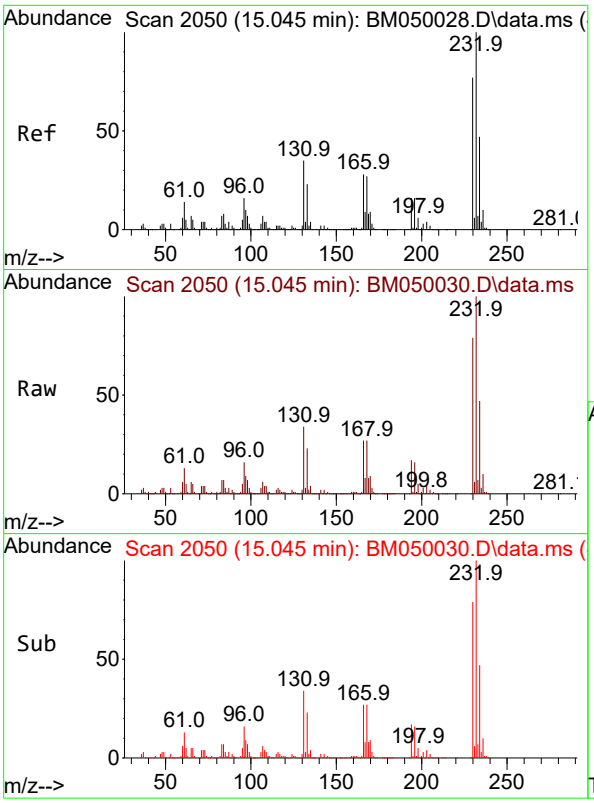


#58
Fluorene
Concen: 61.497 ng
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:166 Resp: 2614340

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.3	10.6	16.0



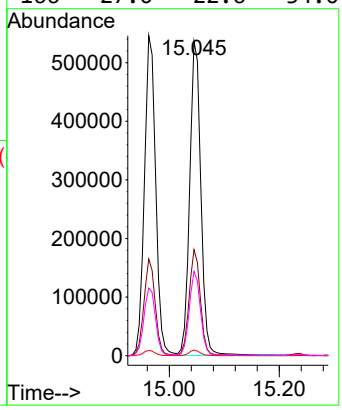


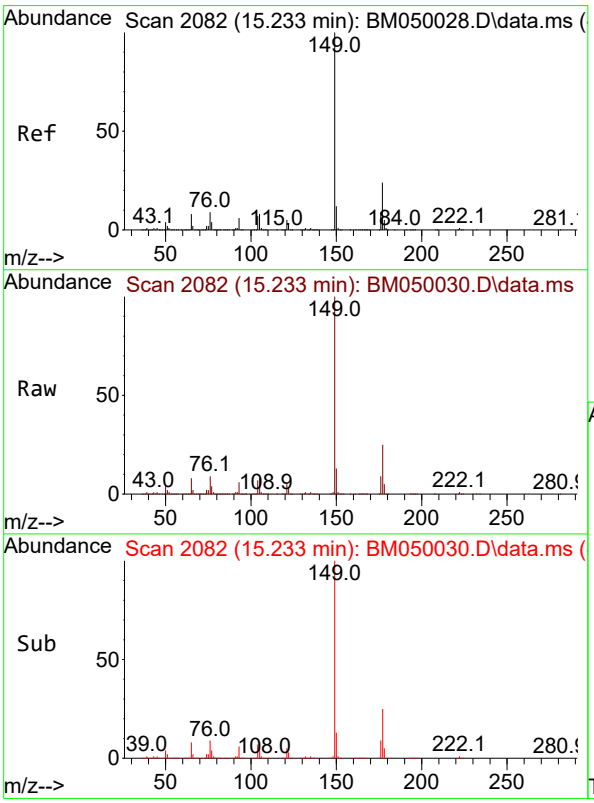
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.213 ng
RT: 15.045 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 752680

Ion	Ratio	Lower	Upper
232	100		
131	34.1	28.2	42.4
130	1.8	1.5	2.3
166	27.0	22.6	34.0

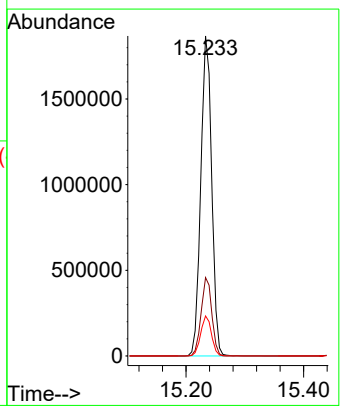


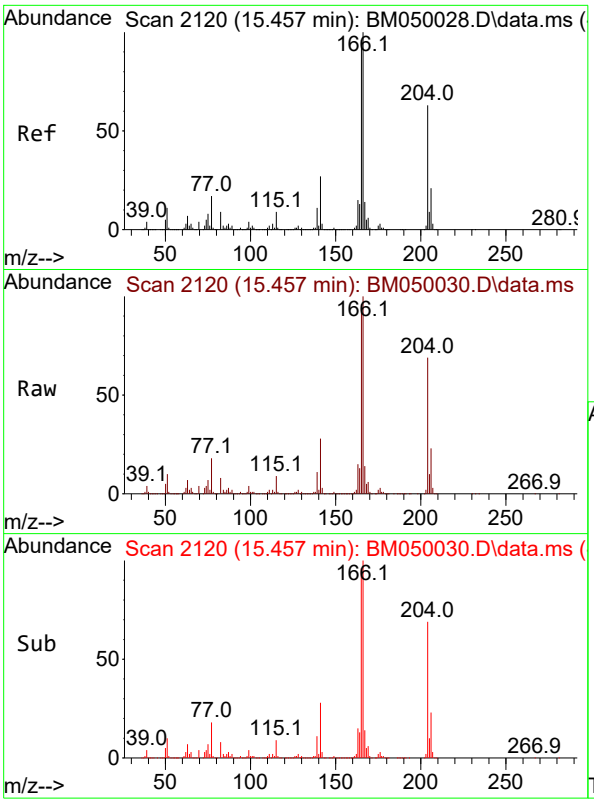


#60
Diethylphthalate
Concen: 59.930 ng
RT: 15.233 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2397624

Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	12.5	9.6	14.4



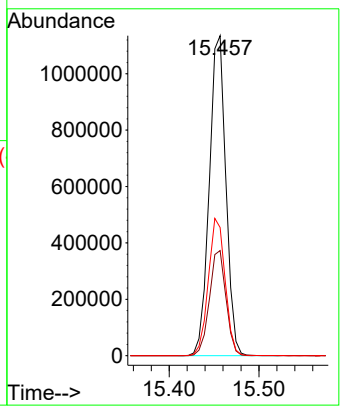


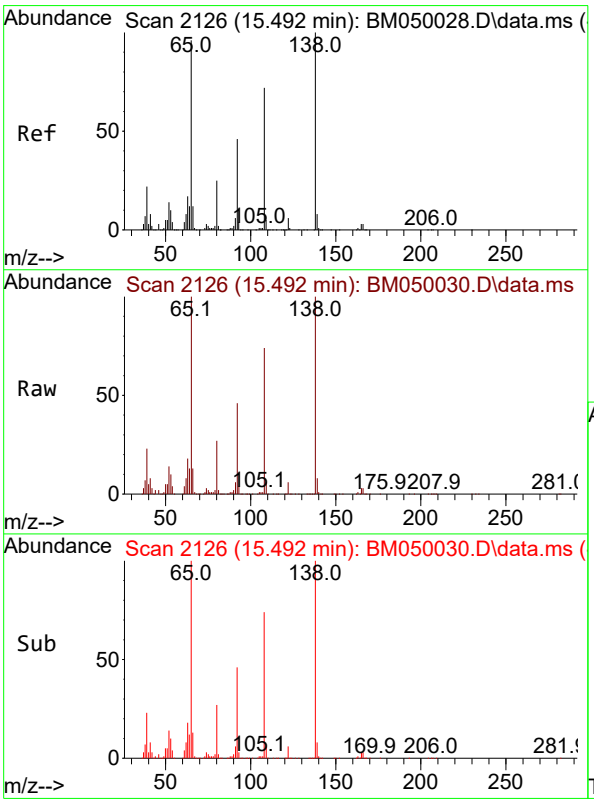
#61
4-Chlorophenyl-phenylether
Concen: 62.403 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1457099

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	40.0	34.0	51.0

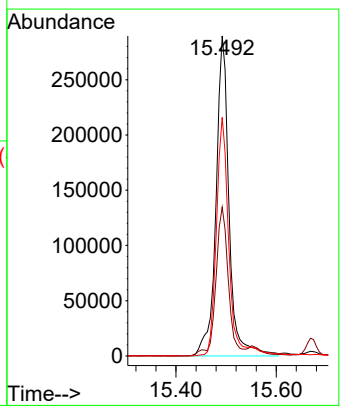


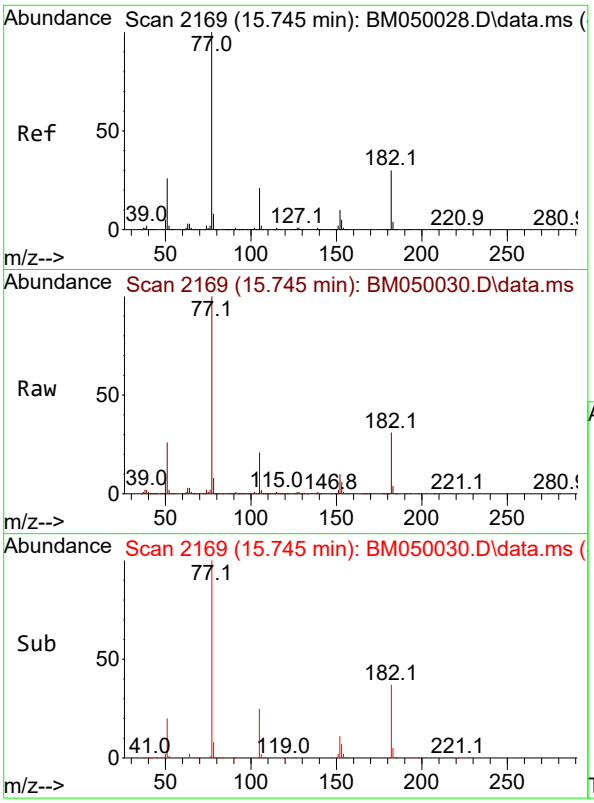


#62
4-Nitroaniline
Concen: 64.776 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:138 Resp: 524887

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	74.6	52.4	92.4



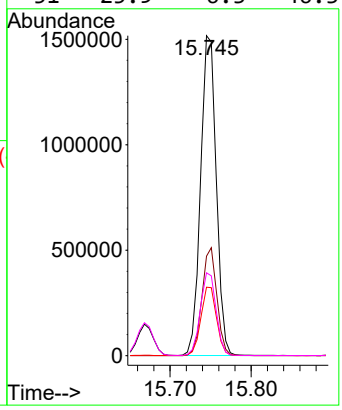


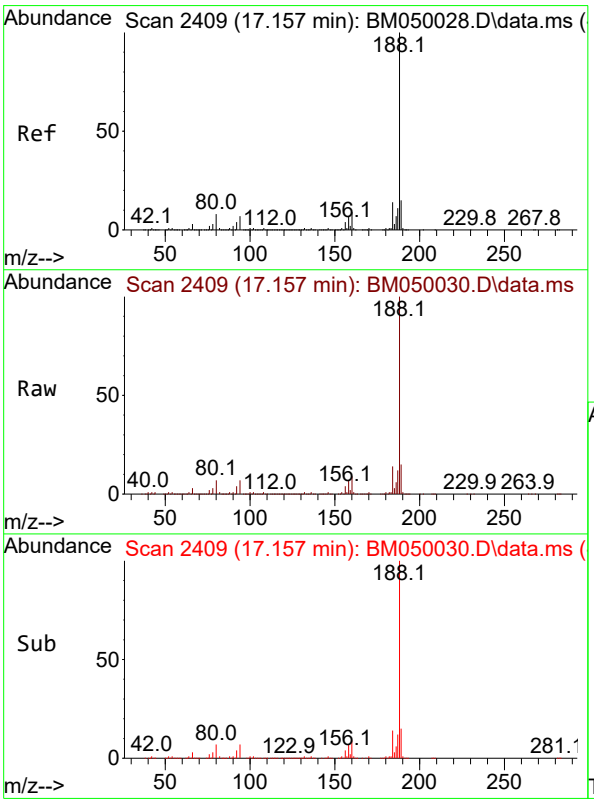
#63
Azobenzene
Concen: 60.550 ng
RT: 15.745 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 2030208

Ion	Ratio	Lower	Upper
77	100		
182	31.1	10.5	50.5
105	21.4	1.1	41.1
51	25.9	6.3	46.3

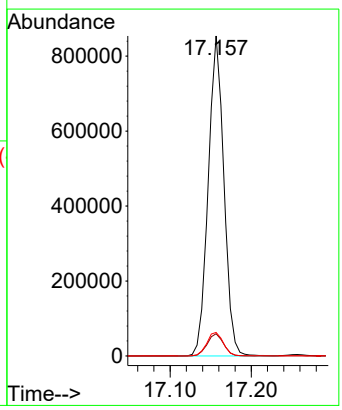


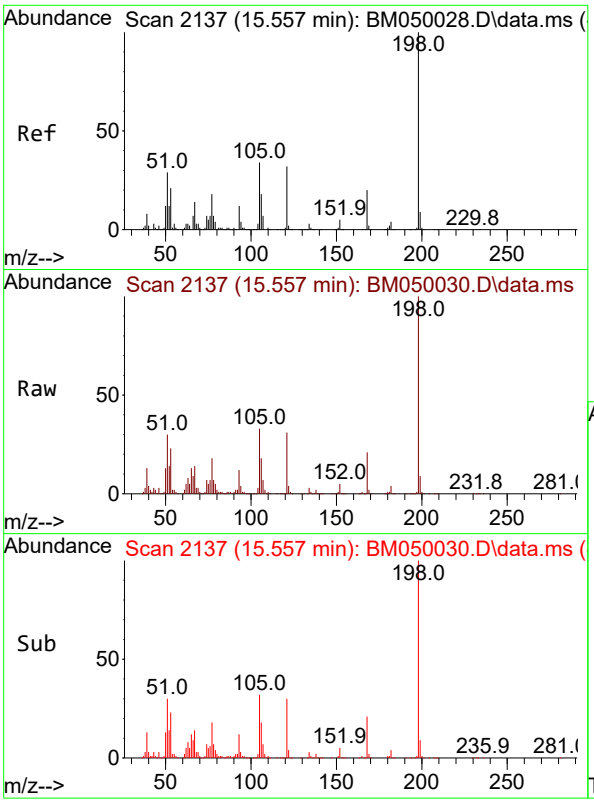


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:188 Resp: 1144389

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.3	6.2	9.4



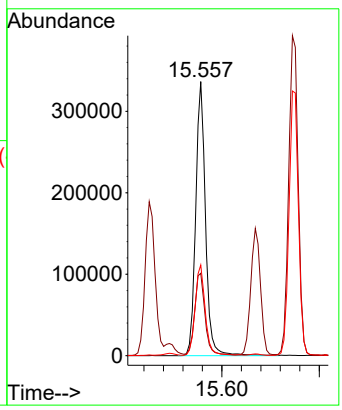


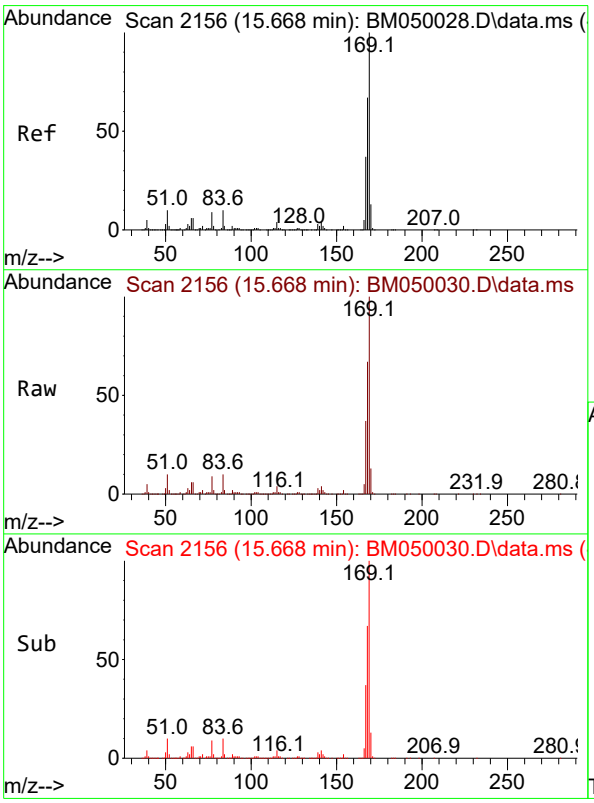
#65
4,6-Dinitro-2-methylphenol
Concen: 66.167 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 473987

Ion	Ratio	Lower	Upper
198	100		
51	30.1	10.4	50.4
105	33.1	14.6	54.6

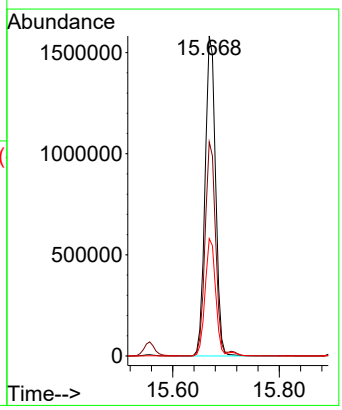


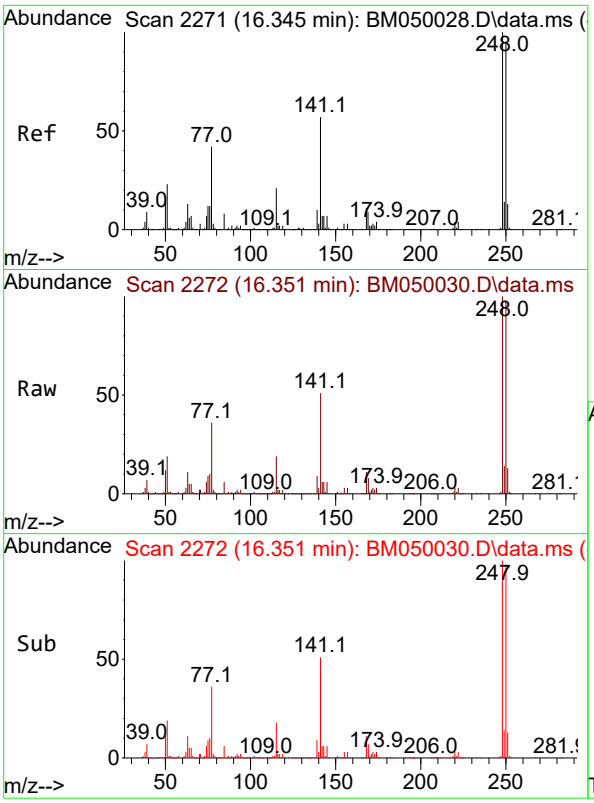


#66
n-Nitrosodiphenylamine
Concen: 61.422 ng
RT: 15.668 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:169 Resp: 2158446

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.6	29.4	44.0



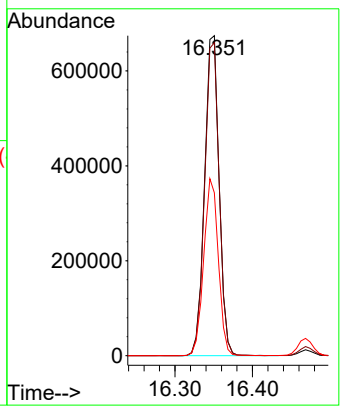


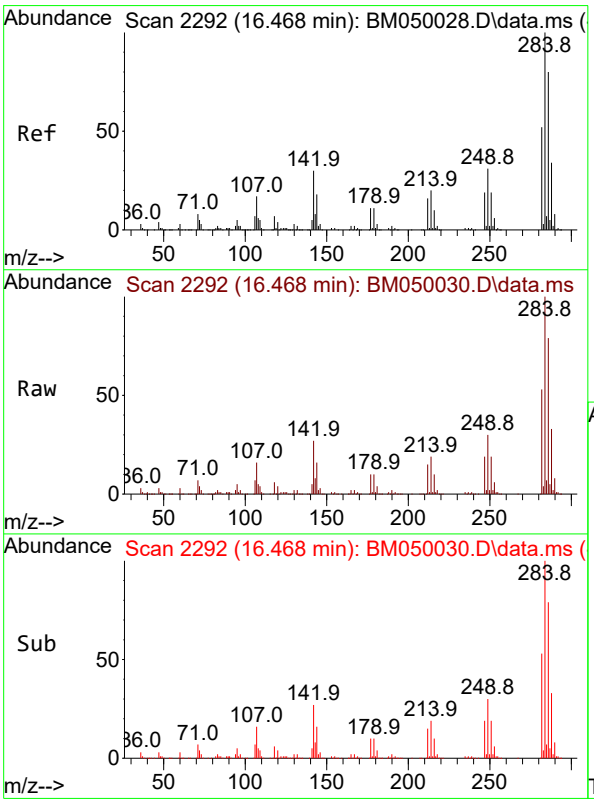
#67
4-Bromophenyl-phenylether
Concen: 63.509 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 878886

Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.2	114.2
141	50.9	45.9	68.9

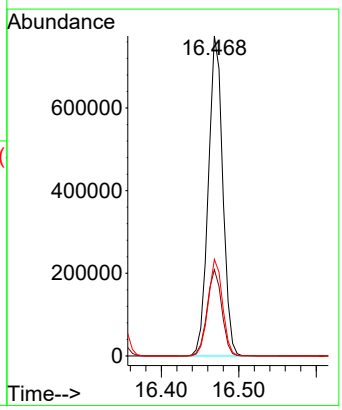


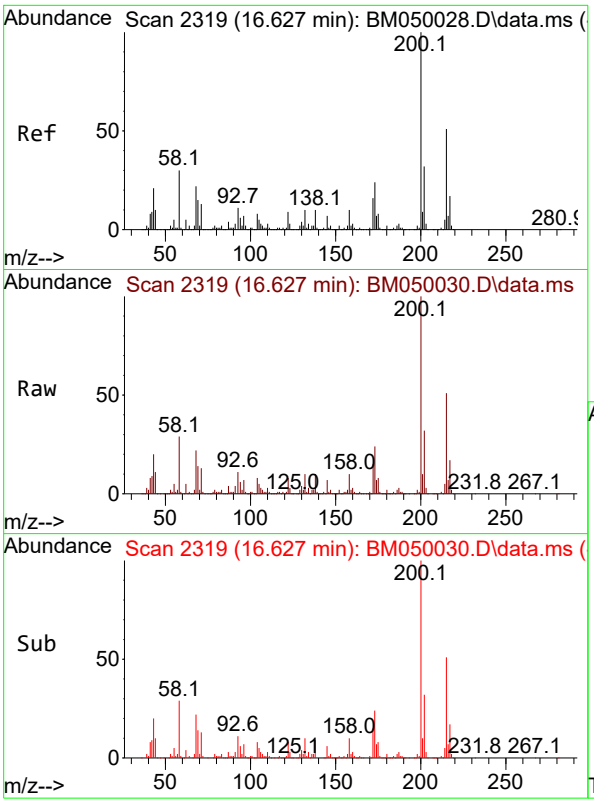


#68
Hexachlorobenzene
Concen: 62.711 ng
RT: 16.468 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:284 Resp: 1000366

Ion	Ratio	Lower	Upper
284	100		
142	27.0	23.9	35.9
249	30.2	24.5	36.7



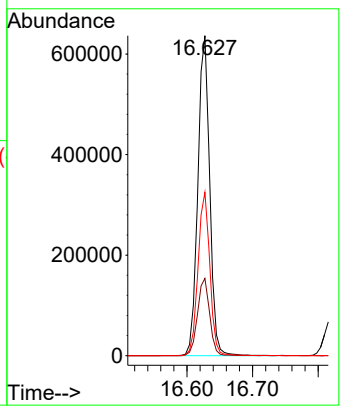


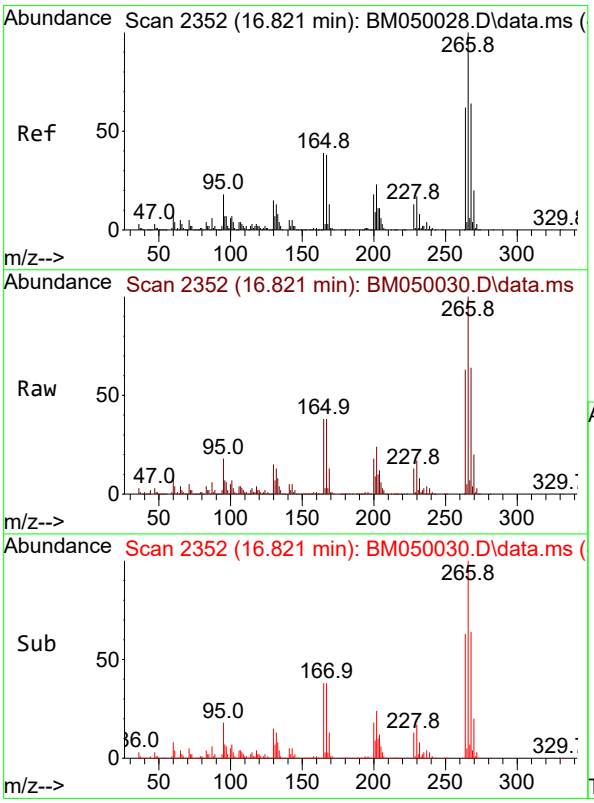
#69
Atrazine
Concen: 63.312 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 802538

Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.3	44.3
215	51.0	30.6	70.6

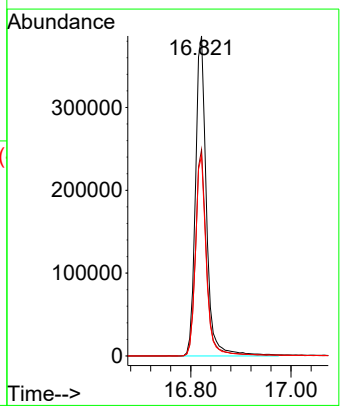


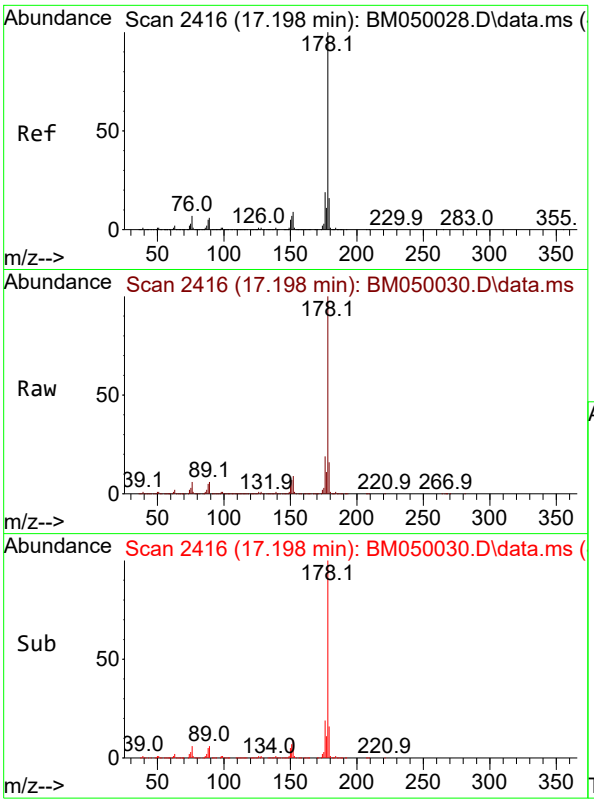


#70
Pentachlorophenol
Concen: 65.136 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:266 Resp: 584874

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.2	76.8
264	62.6	49.6	74.4



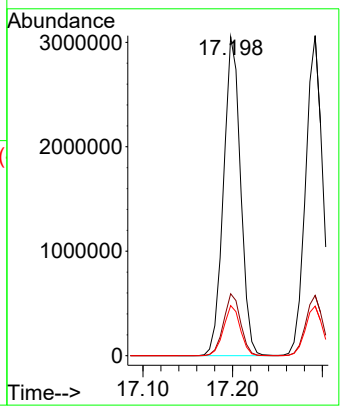


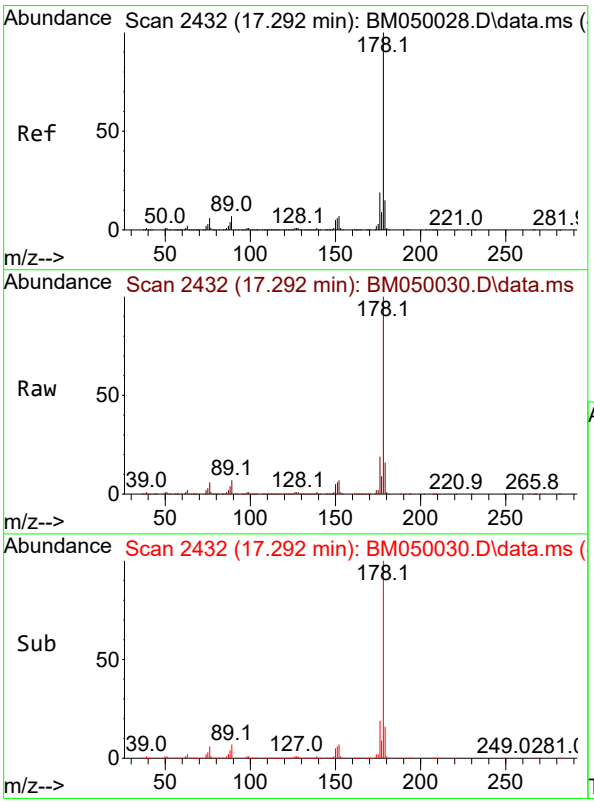
#71
Phenanthrene
Concen: 62.410 ng
RT: 17.198 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4028280

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.7	12.4	18.6

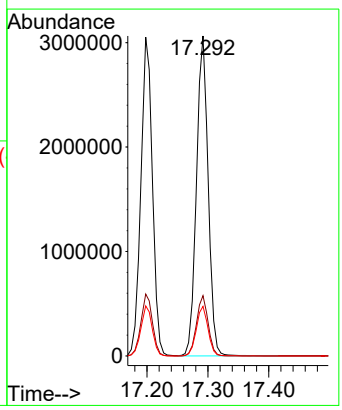


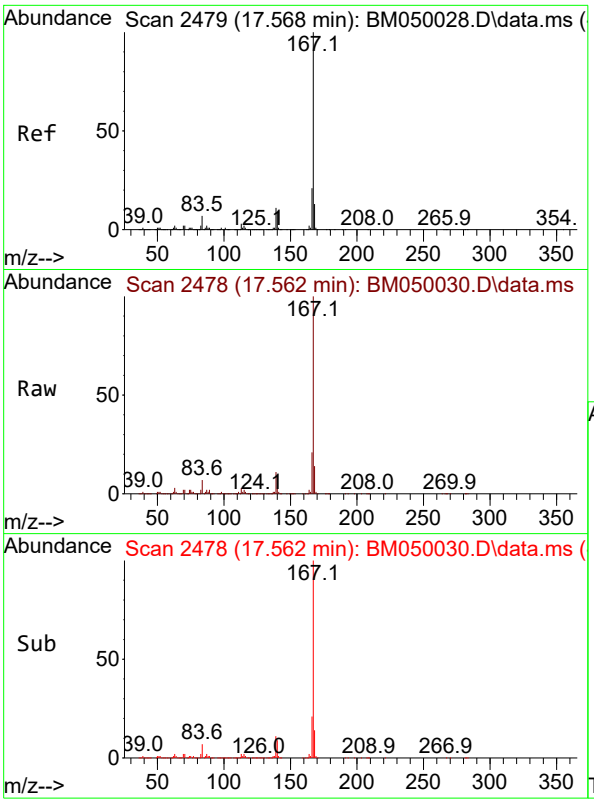


#72
Anthracene
Concen: 62.590 ng
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:178 Resp: 4088295

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4



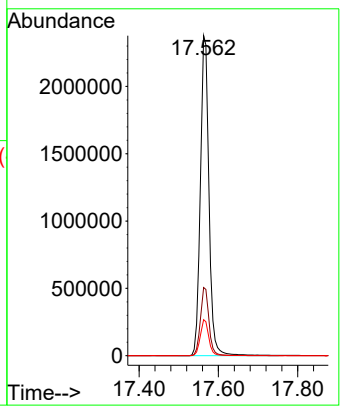


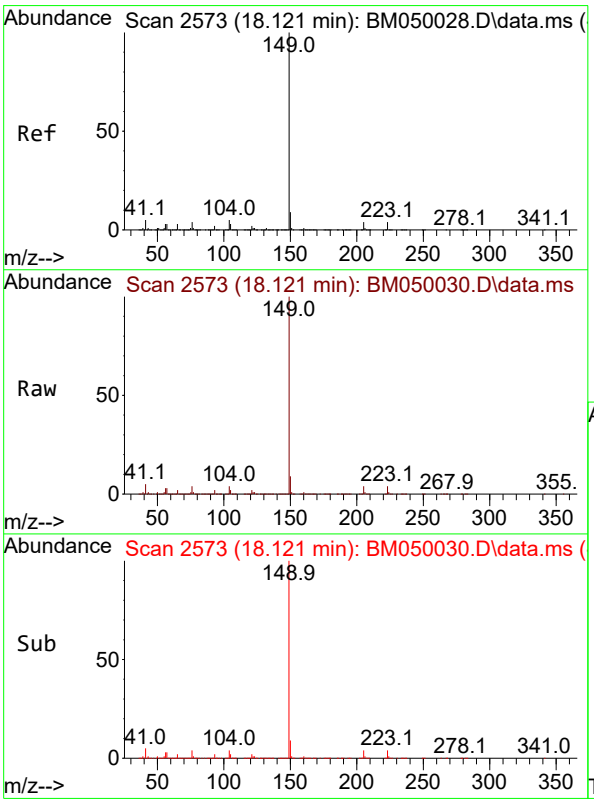
#73
Carbazole
Concen: 62.854 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 3562573

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.3	9.0	13.6

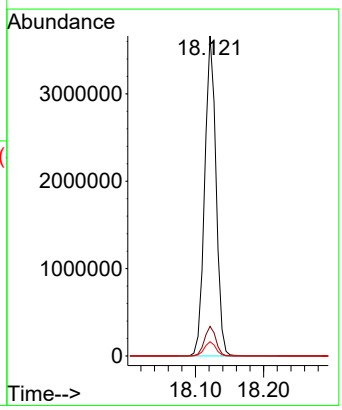


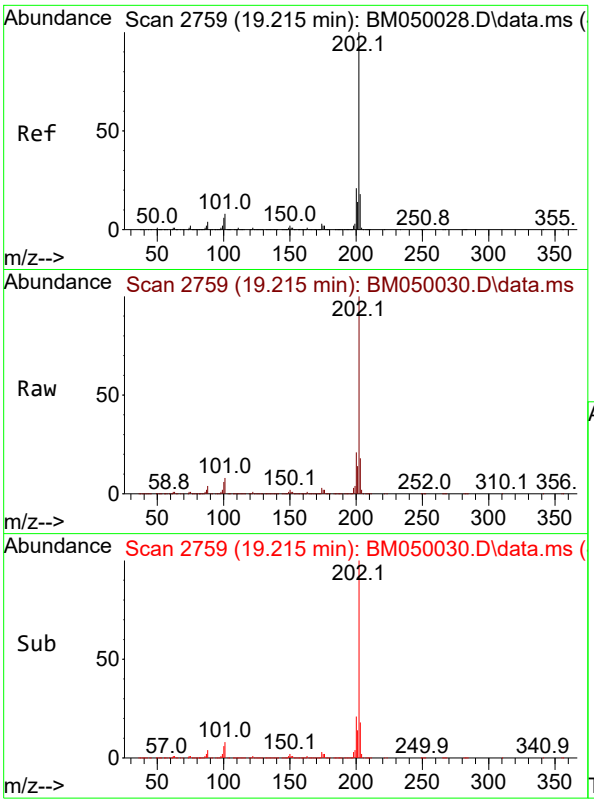


#74
Di-n-butylphthalate
Concen: 62.607 ng
RT: 18.121 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 4225922

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



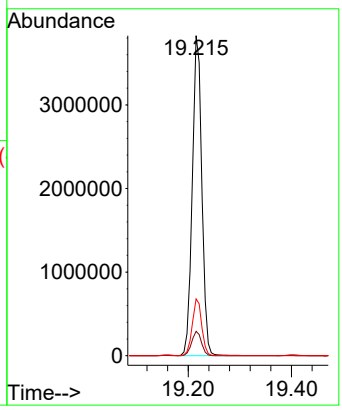


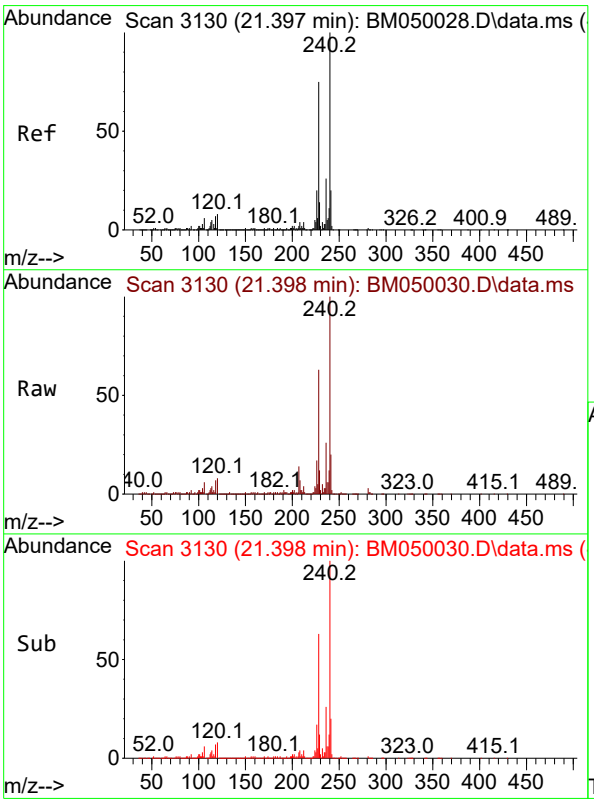
#75
Fluoranthene
Concen: 64.546 ng
RT: 19.215 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 4891273

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.0
203	17.8	0.0	37.7

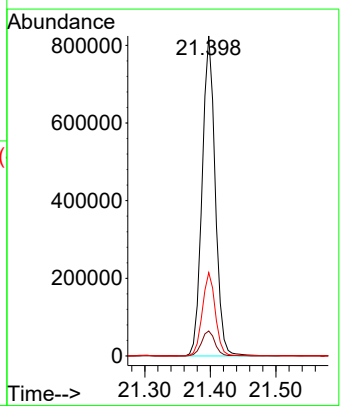


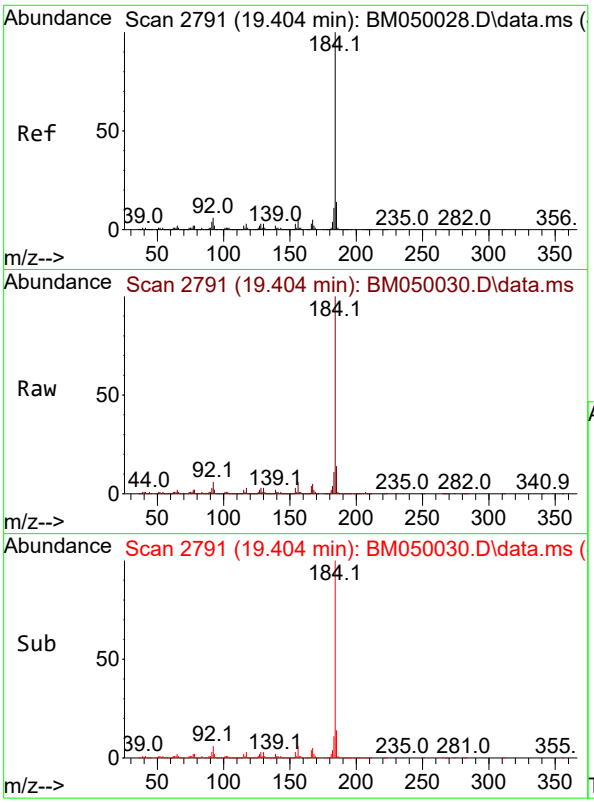


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:240 Resp: 1144881

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	26.1	20.9	31.3



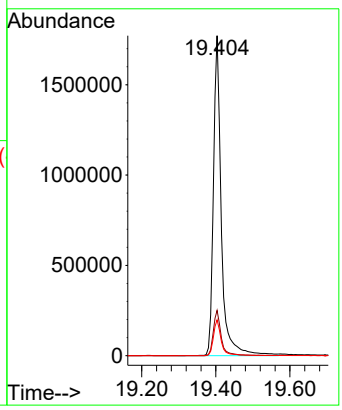


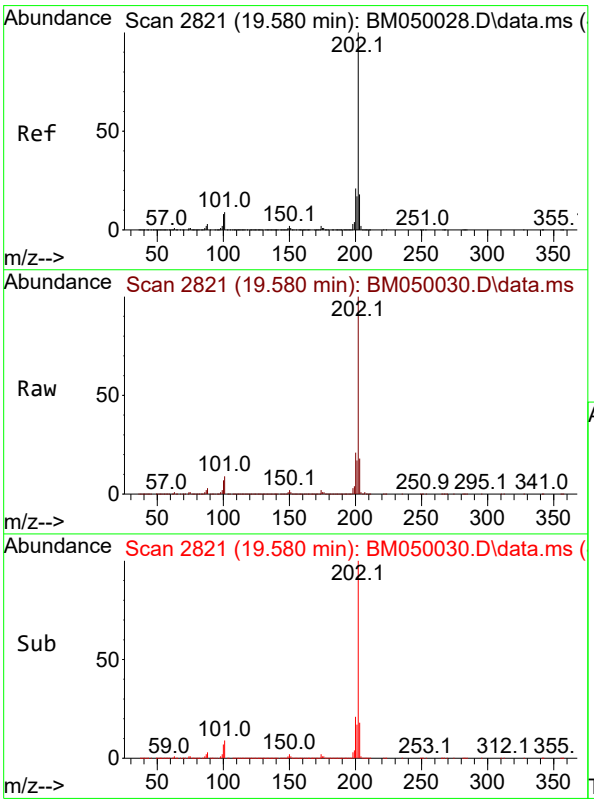
#77
Benzidine
Concen: 64.592 ng
RT: 19.404 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 2626747

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.2	8.9	13.3

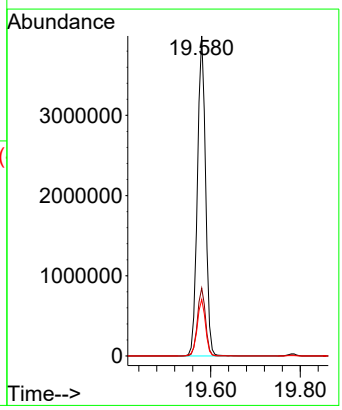


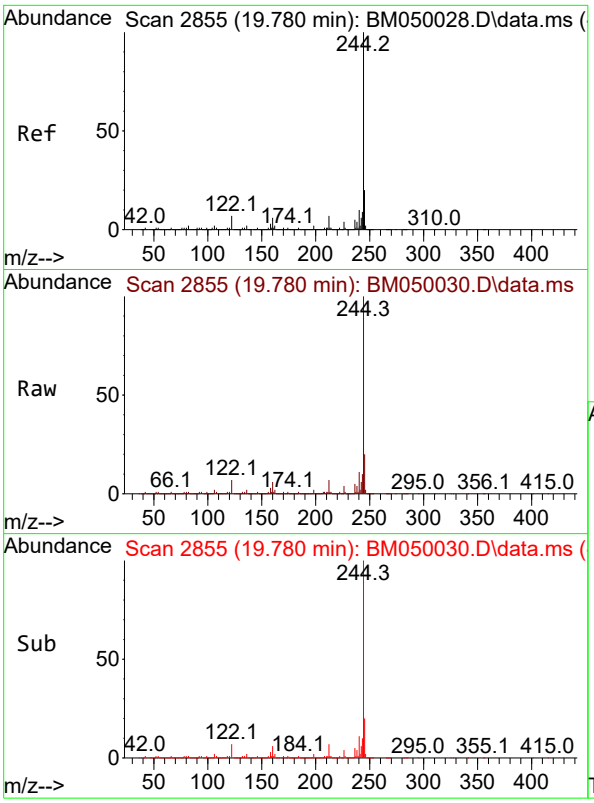


#78
Pyrene
Concen: 62.565 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:202 Resp: 5030035

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	14.1	21.1



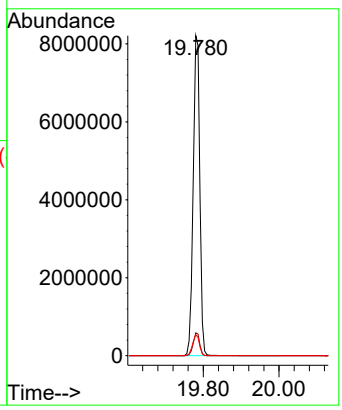


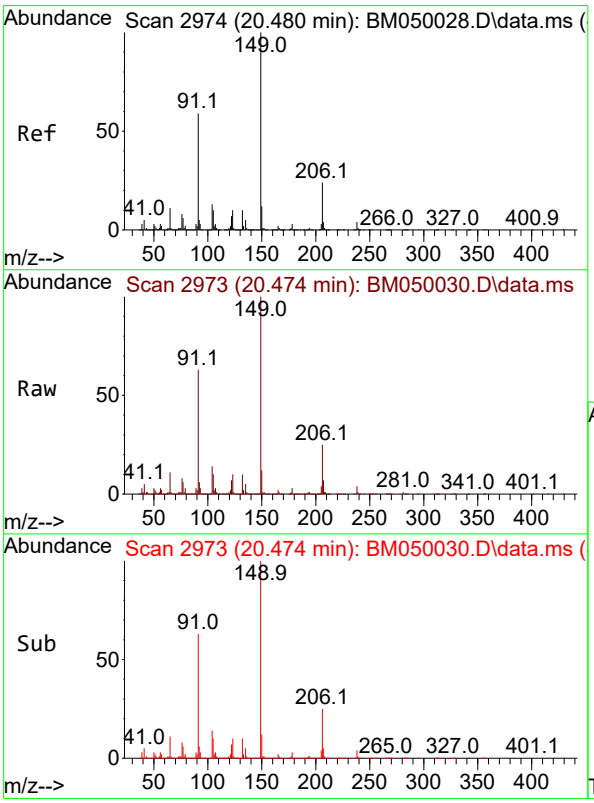
#79
Terphenyl-d14
Concen: 129.471 ng
RT: 19.780 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp:10017186

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	6.6	5.6	8.4

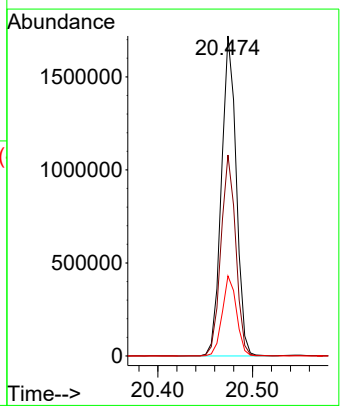


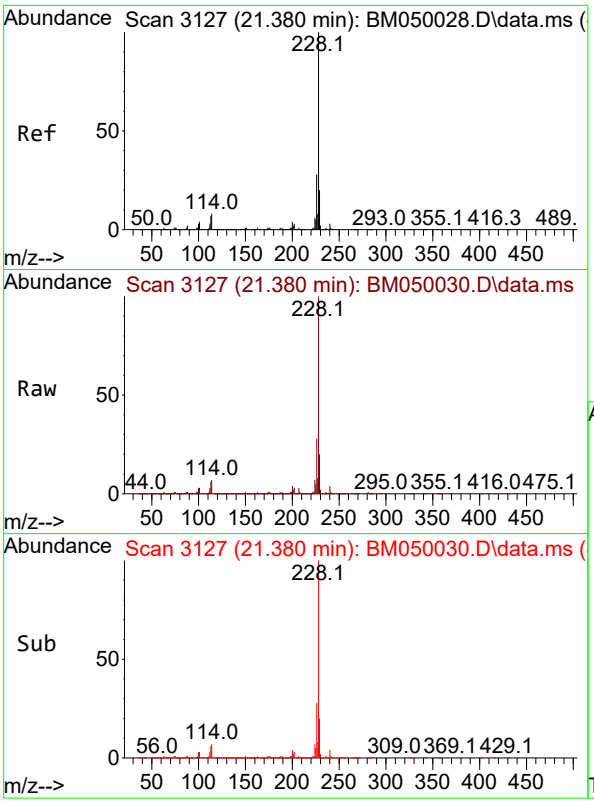


#80
Butylbenzylphthalate
Concen: 62.216 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 1873444

Ion	Ratio	Lower	Upper
149	100		
91	62.8	47.4	71.2
206	25.0	19.4	29.0



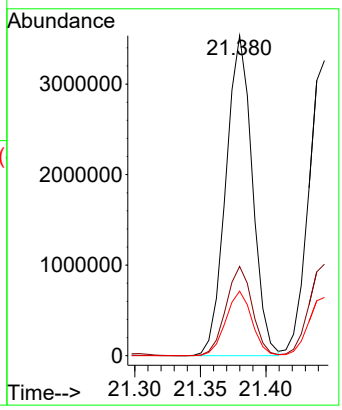


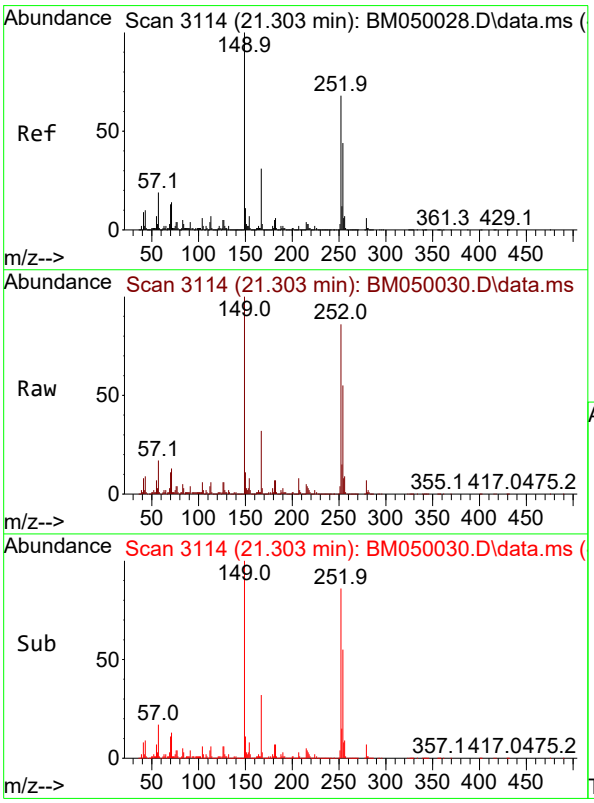
#81
Benzo(a)anthracene
Concen: 62.841 ng
RT: 21.380 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4954357

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.1	33.1
229	20.2	15.7	23.5

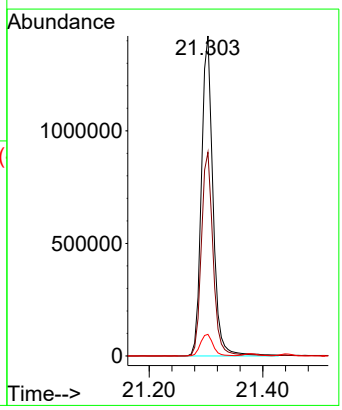


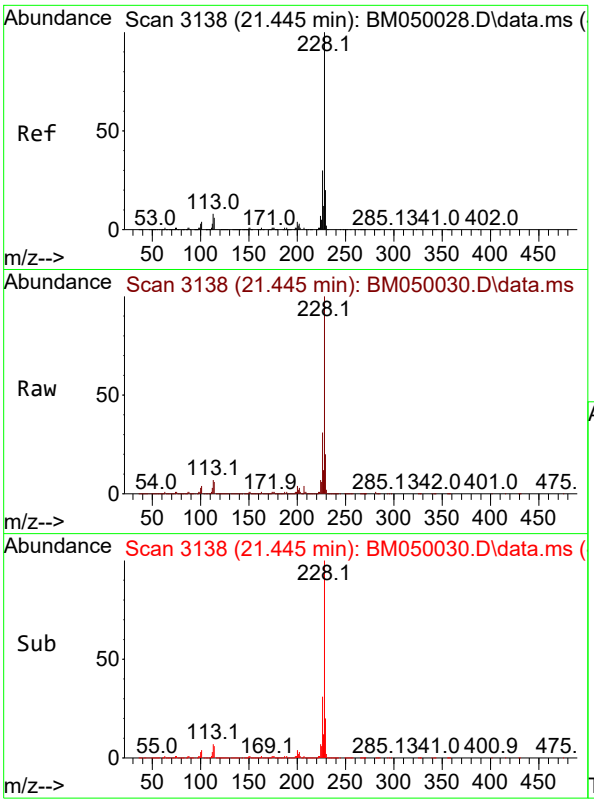


#82
3,3'-Dichlorobenzidine
Concen: 66.368 ng
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 2003019

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.8	77.6
126	6.7	6.0	9.0



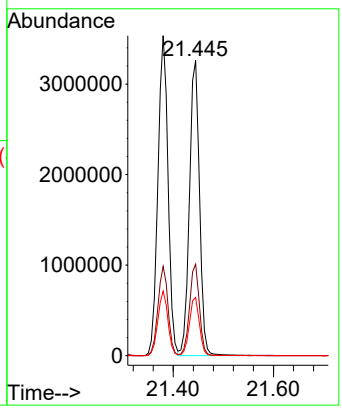


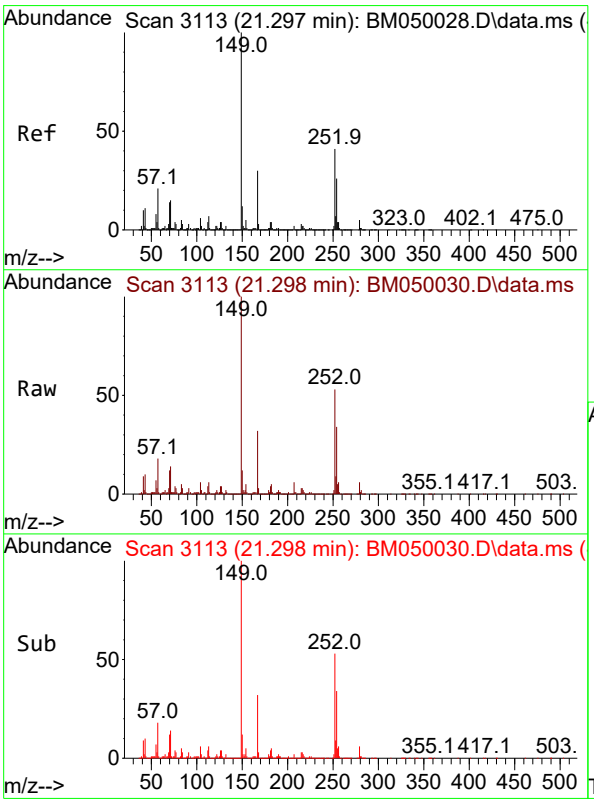
#83
Chrysene
Concen: 62.348 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 4549388

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	19.7	15.7	23.5

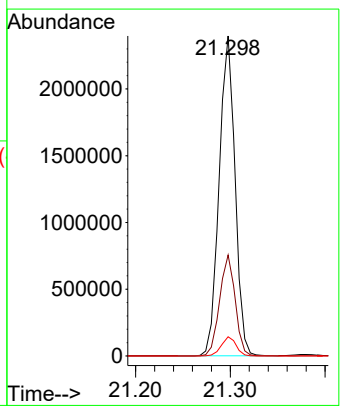


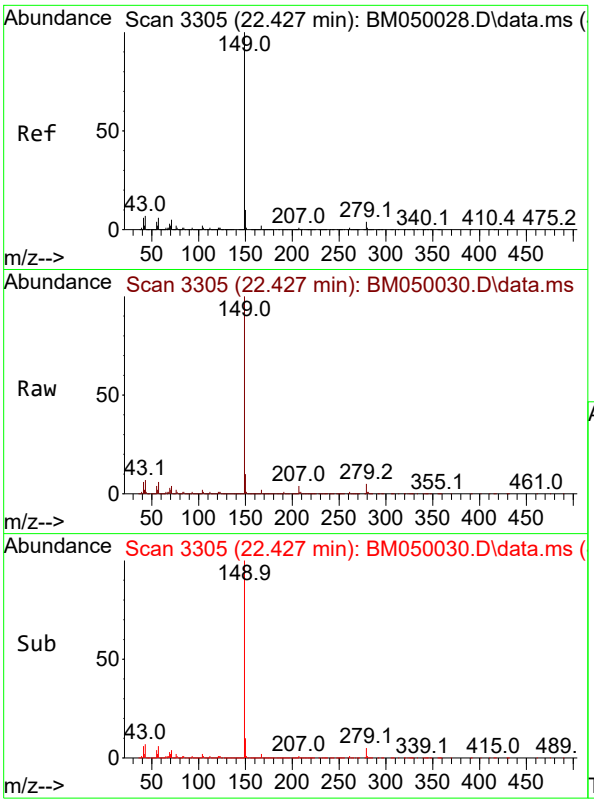


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.192 ng
RT: 21.298 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:149 Resp: 2797195

Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.1	36.1
279	6.0	3.9	5.9#



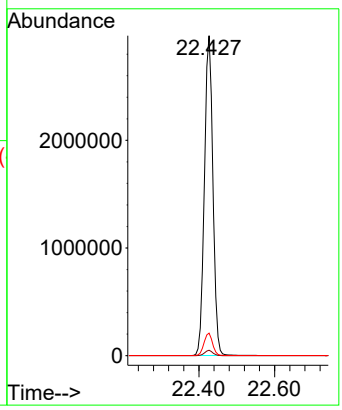


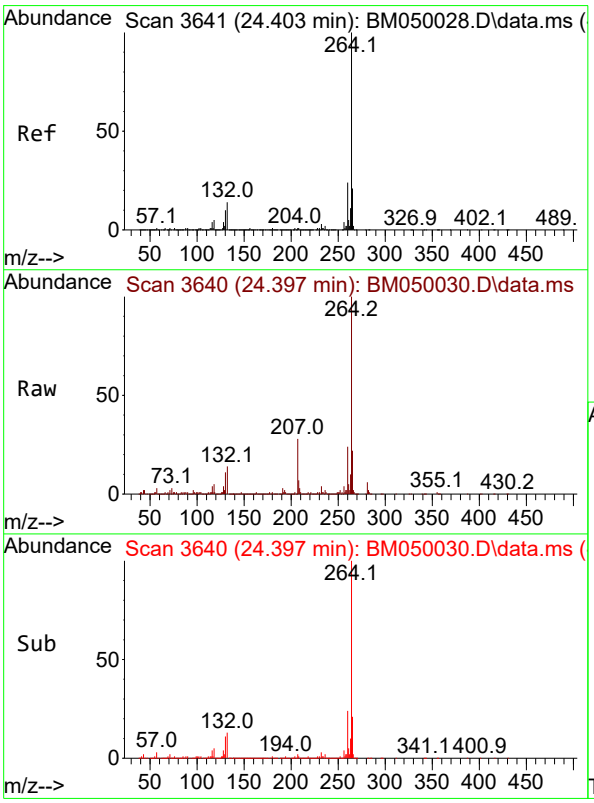
#85
Di-n-octyl phthalate
Concen: 62.095 ng
RT: 22.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4605837

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.1	5.8	8.8

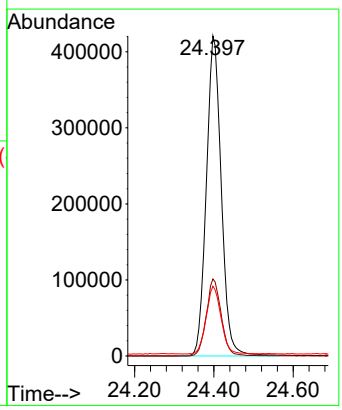


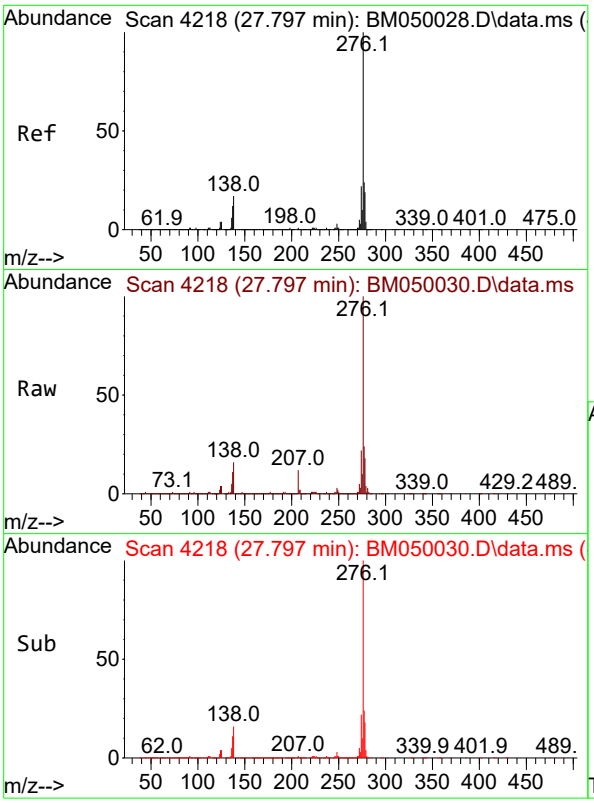


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:264 Resp: 1099459

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



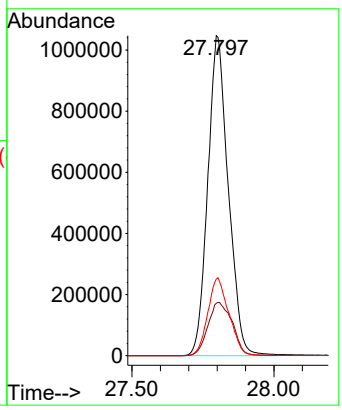


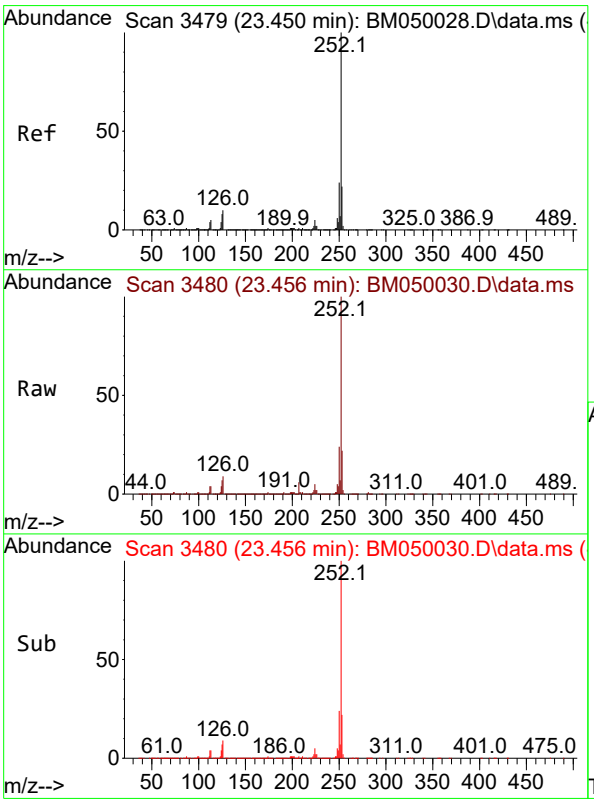
#87
Indeno(1,2,3-cd)pyrene
Concen: 64.068 ng
RT: 27.797 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 5248662

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.4	24.6
277	25.1	19.8	29.8

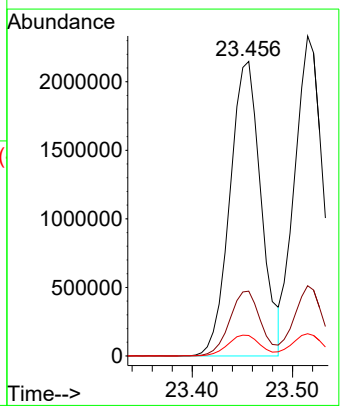


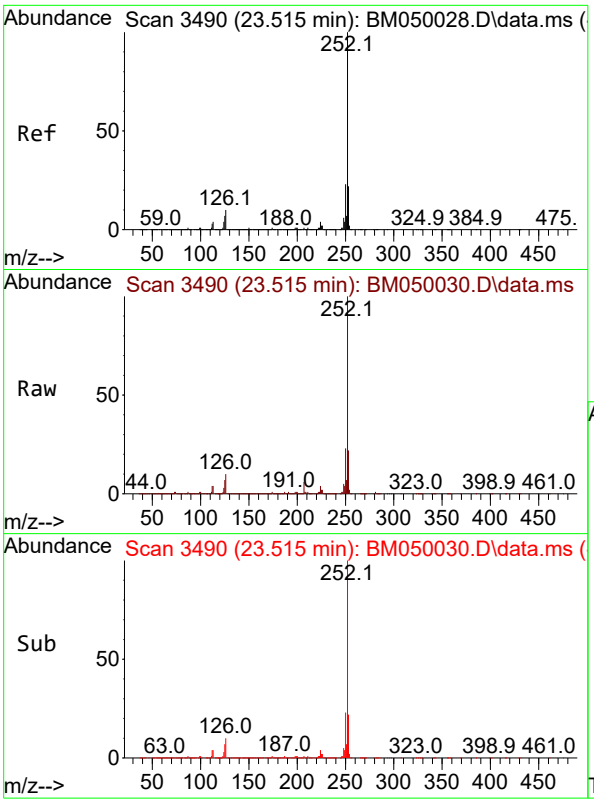


#88
Benzo(b)fluoranthene
Concen: 64.936 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4643026

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	6.9	6.1	9.1



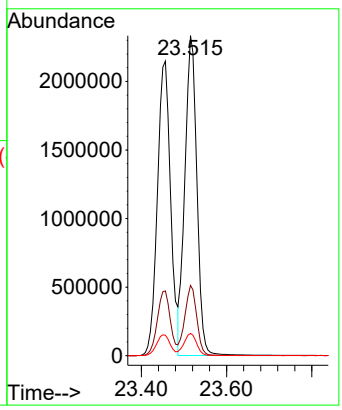


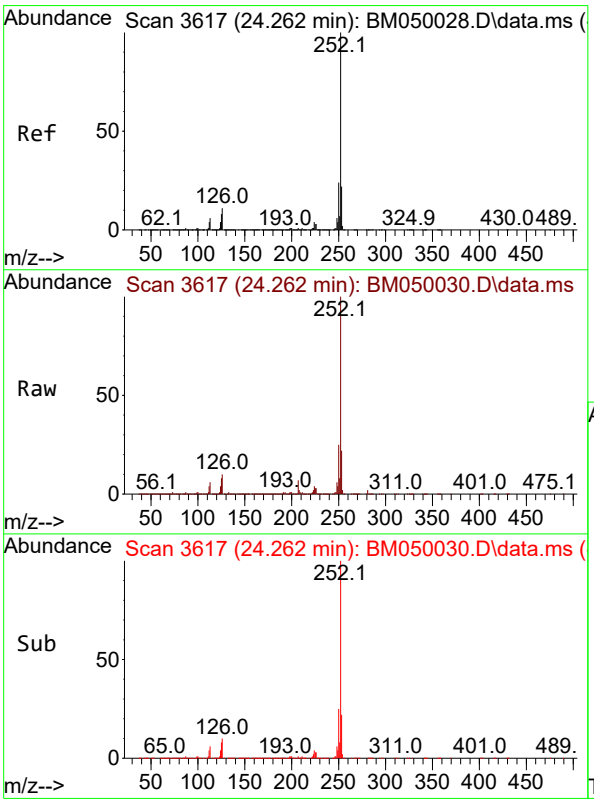
#89
Benzo(k)fluoranthene
Concen: 63.050 ng
RT: 23.515 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 4561134

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	7.0	5.8	8.8

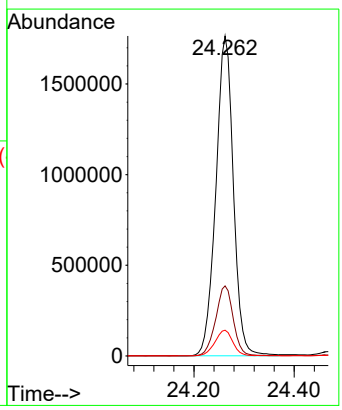


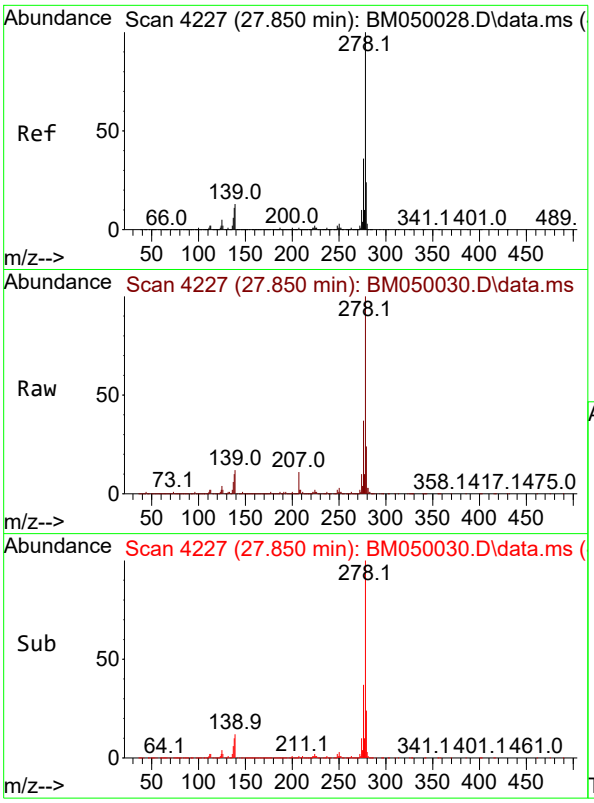


#90
Benzo(a)pyrene
Concen: 63.936 ng
RT: 24.262 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:252 Resp: 4281665

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.0	6.6	9.8



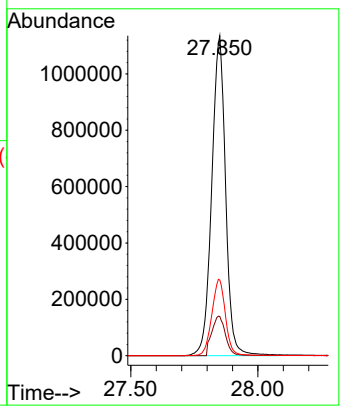


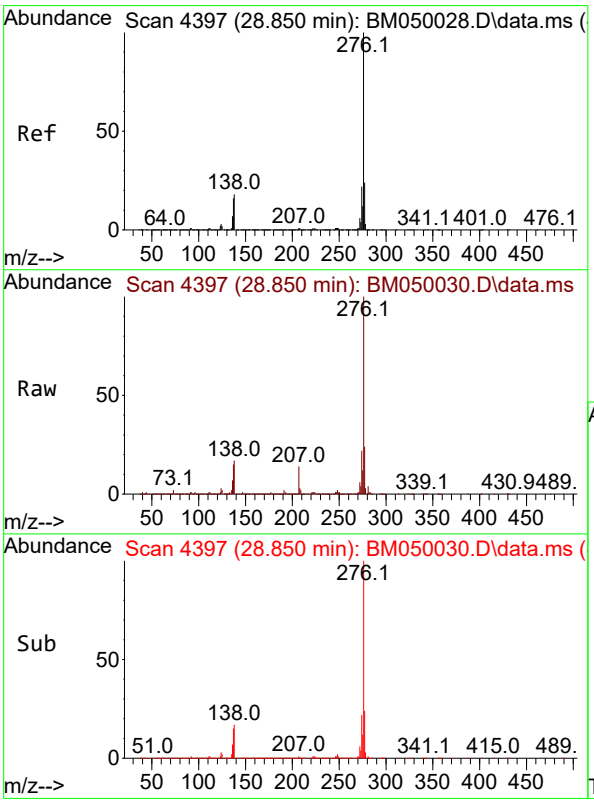
#91
Dibenzo(a,h)anthracene
Concen: 64.478 ng
RT: 27.850 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 4305928

Ion	Ratio	Lower	Upper
278	100		
139	12.3	10.5	15.7
279	23.6	19.4	29.0

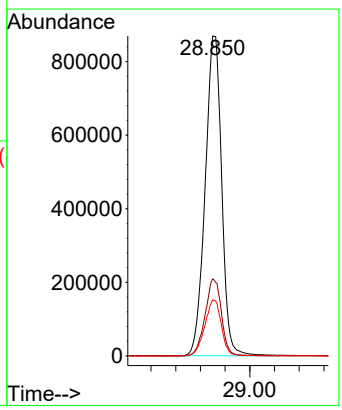




#92
Benzo(g,h,i)perylene
Concen: 63.142 ng
RT: 28.850 min Scan# 4397
Delta R.T. 0.000 min
Lab File: BM050030.D
Acq: 28 Apr 2025 16:24

Tgt Ion:276 Resp: 4036958

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	17.5	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	251380	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	931435	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	613490	20.000	ng		0.00
64) Phenanthrene-d10	17.156	188	1212251	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1197780	20.000	ng		0.00
86) Perylene-d12	24.397	264	1141905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2297313	160.027	ng		0.00
7) Phenol-d6	6.957	99	2954036	163.719	ng		0.00
23) Nitrobenzene-d5	8.933	82	2984192	157.875	ng		0.00
42) 2,4,6-Tribromophenol	15.909	330	1586083	174.847	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	8283812	159.736	ng		0.00
79) Terphenyl-d14	19.780	244	11877110	146.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	475912	77.317	ng		99
3) Pyridine	3.657	79	1267903	80.171	ng		99
4) n-Nitrosodimethylamine	3.563	42	492501	79.400	ng		99
6) Aniline	7.098	93	1845033	80.979	ng		99
8) 2-Chlorophenol	7.339	128	1241711	79.998	ng		100
9) Benzaldehyde	6.910	77	898993	74.544	ng		99
10) Phenol	6.981	94	1491194	81.638	ng		98
11) bis(2-Chloroethyl)ether	7.192	93	1224517	80.283	ng		99
12) 1,3-Dichlorobenzene	7.657	146	1460820	77.912	ng		100
13) 1,4-Dichlorobenzene	7.804	146	1465881	77.822	ng		99
14) 1,2-Dichlorobenzene	8.122	146	1412270	77.618	ng		99
15) Benzyl Alcohol	8.016	79	1055328	84.339	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1440484	77.694	ng		100
17) 2-Methylphenol	8.228	107	980375	81.473	ng		99
18) Hexachloroethane	8.845	117	513126	76.632	ng		98
19) n-Nitroso-di-n-propyla...	8.581	70	933468	80.665	ng		99
20) 3+4-Methylphenols	8.557	107	1348190	82.965	ng		99
22) Acetophenone	8.592	105	1815657	78.406	ng	#	99
24) Nitrobenzene	8.975	77	1289068	78.871	ng		99
25) Isophorone	9.504	82	2559279	79.430	ng		100
26) 2-Nitrophenol	9.680	139	710174	85.053	ng		99
27) 2,4-Dimethylphenol	9.751	122	1136040	82.043	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1581985	79.437	ng		99
29) 2,4-Dichlorophenol	10.222	162	1275806	82.243	ng		99
30) 1,2,4-Trichlorobenzene	10.427	180	1485344	78.590	ng		99
31) Naphthalene	10.610	128	3686066	78.143	ng		100
32) Benzoic acid	9.951	122	800660	90.660	ng		97
33) 4-Chloroaniline	10.727	127	1575909	81.508	ng		99
34) Hexachlorobutadiene	10.898	225	959905	80.012	ng		99
35) Caprolactam	11.539	113	371164	82.060	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	1152624	80.424	ng		99
37) 2-Methylnaphthalene	12.227	142	2525532	79.858	ng		99
38) 1-Methylnaphthalene	12.451	142	2645483	79.045	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1799698	84.742	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1185418	91.336	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	1151641	85.496	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	1220306	84.011	ng		98
46) 1,1'-Biphenyl	13.245	154	3613893	79.246	ng		99
47) 2-Chloronaphthalene	13.286	162	2842514	78.700	ng		99
48) 2-Nitroaniline	13.498	65	701256	82.725	ng		99
49) Acenaphthylene	14.133	152	4526874	79.492	ng		99
50) Dimethylphthalate	13.874	163	3507333	78.228	ng		99
51) 2,6-Dinitrotoluene	13.992	165	758296	81.689	ng		99
52) Acenaphthene	14.480	154	2618967	79.452	ng		100
53) 3-Nitroaniline	14.327	138	740202	83.521	ng		100
54) 2,4-Dinitrophenol	14.545	184	469472	79.096	ng		98
55) Dibenzofuran	14.815	168	4325783	78.875	ng		99
56) 4-Nitrophenol	14.662	139	566943	78.710	ng		99
57) 2,4-Dinitrotoluene	14.786	165	1080118	84.207	ng		96
58) Fluorene	15.462	166	3565506	79.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1057707	84.123	ng		96
60) Diethylphthalate	15.239	149	3257954	77.118	ng		97
61) 4-Chlorophenyl-phenyle...	15.457	204	2051105	83.186	ng		96
62) 4-Nitroaniline	15.498	138	724549	84.678	ng		99
63) Azobenzene	15.751	77	2723186	76.914	ng		95
65) 4,6-Dinitro-2-methylph...	15.557	198	665798	87.741	ng		96
66) n-Nitrosodiphenylamine	15.674	169	2957293	79.443	ng		99
67) 4-Bromophenyl-phenylether	16.351	248	1225531	83.600	ng		94
68) Hexachlorobenzene	16.468	284	1412768	83.606	ng		95
69) Atrazine	16.627	200	1116818	83.174	ng		100
70) Pentachlorophenol	16.821	266	843195	88.648	ng		99
71) Phenanthrene	17.203	178	5487968	80.266	ng		99
72) Anthracene	17.292	178	5597195	80.893	ng		99
73) Carbazole	17.568	167	4845637	80.705	ng		99
74) Di-n-butylphthalate	18.121	149	5649166	79.007	ng		99
75) Fluoranthene	19.221	202	6841999	85.234	ng		99
77) Benzidine	19.403	184	3598340	84.575	ng		100
78) Pyrene	19.580	202	6959279	82.738	ng		99
80) Butylbenzylphthalate	20.474	149	2512705	79.760	ng		97
81) Benzo(a)anthracene	21.380	228	6747718	81.808	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	2782107	88.111	ng		99
83) Chrysene	21.444	228	6207632	81.316	ng		98
84) Bis(2-ethylhexyl)phtha...	21.297	149	3665836	77.905	ng	#	96
85) Di-n-octyl phthalate	22.427	149	6109632	78.732	ng		99
87) Indeno(1,2,3-cd)pyrene	27.803	276	7285836	85.629	ng		98
88) Benzo(b)fluoranthene	23.456	252	6347901	85.480	ng		99
89) Benzo(k)fluoranthene	23.521	252	6265924	83.396	ng		99
90) Benzo(a)pyrene	24.262	252	5925652	85.195	ng		99
91) Dibenzo(a,h)anthracene	27.850	278	5981478	86.239	ng		99
92) Benzo(g,h,i)perylene	28.862	276	5537637	83.395	ng		99

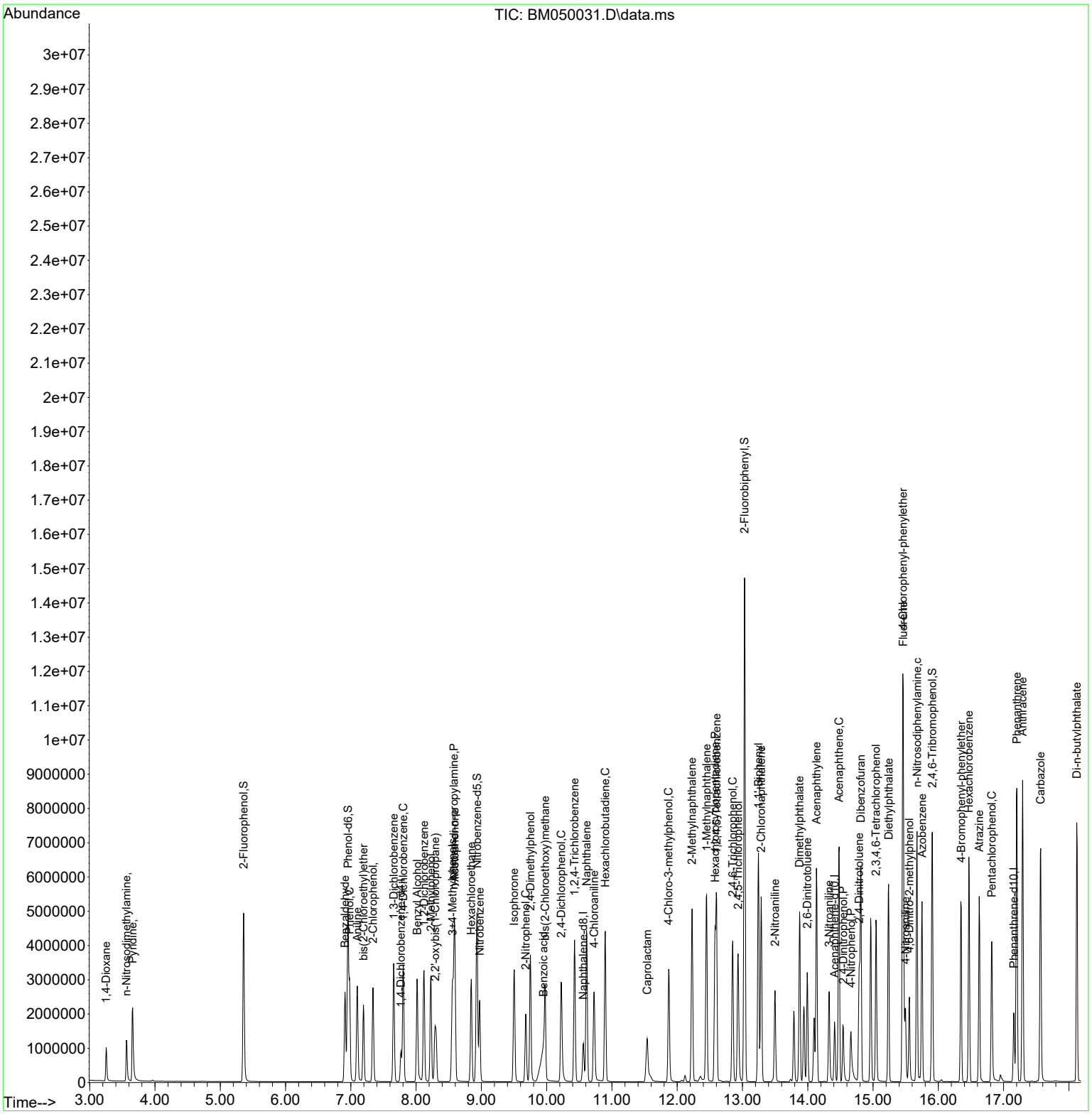
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration

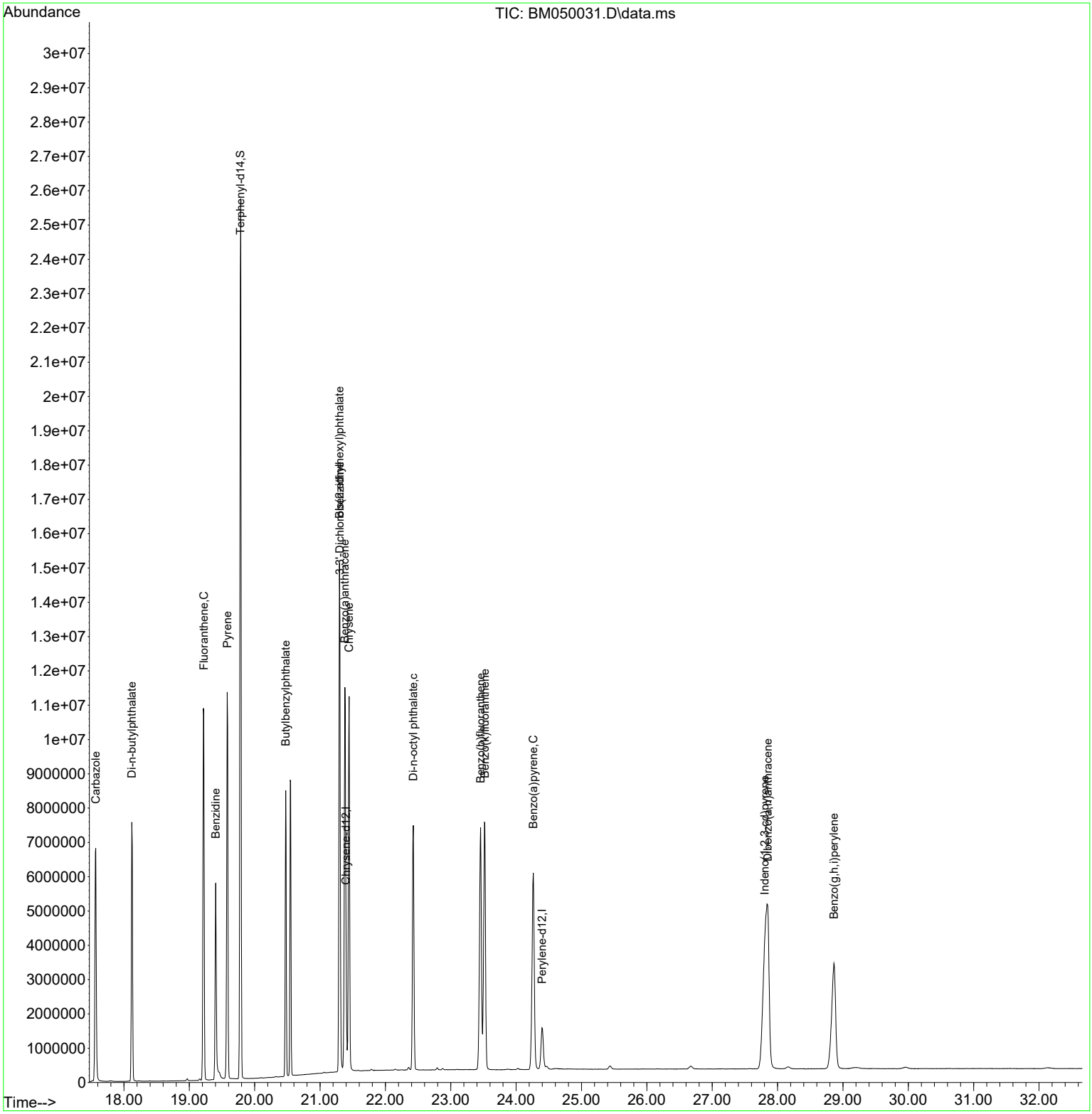


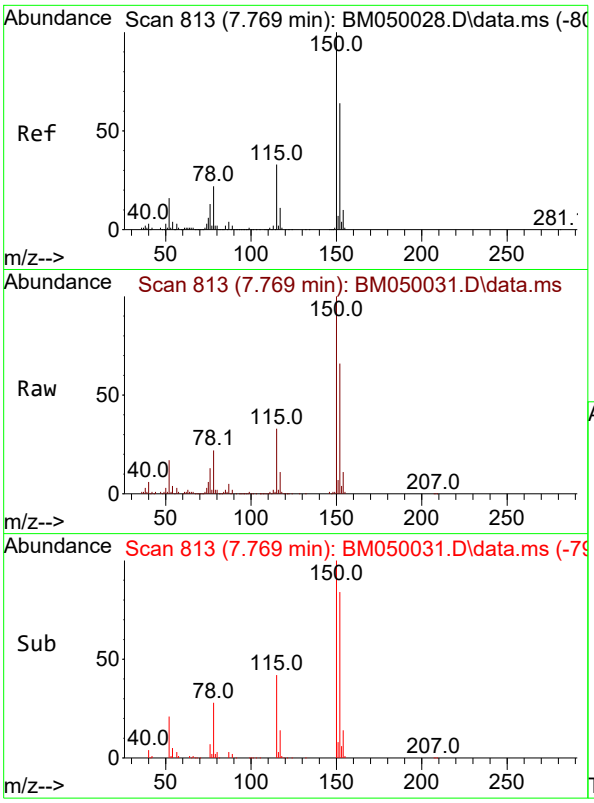
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050031.D
Acq On : 28 Apr 2025 17:04
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Apr 28 17:59:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 17:38:08 2025
Response via : Initial Calibration



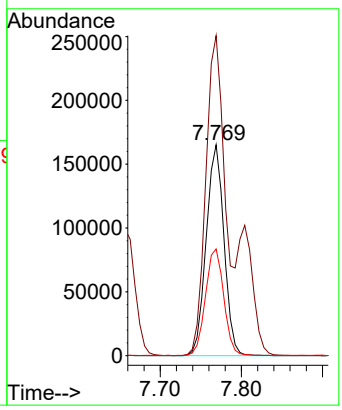


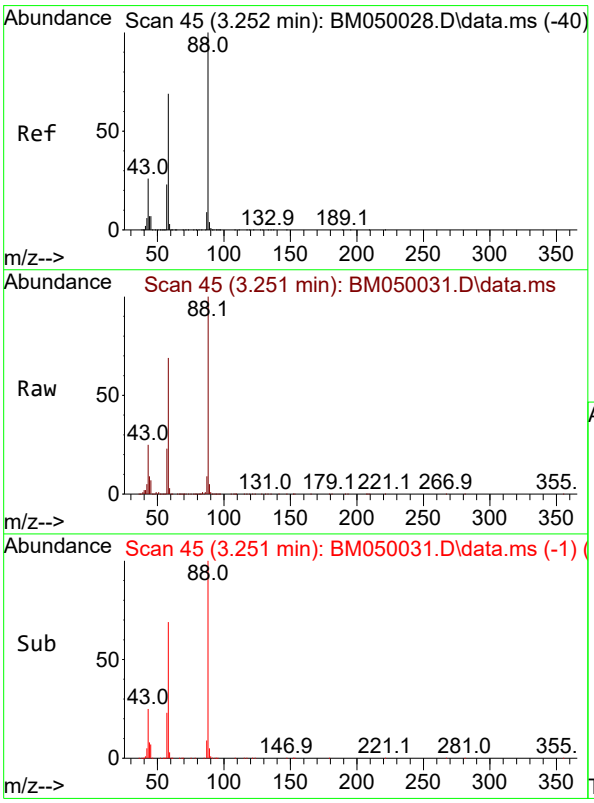
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 251380

Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.1	186.1
115	50.6	41.2	61.8

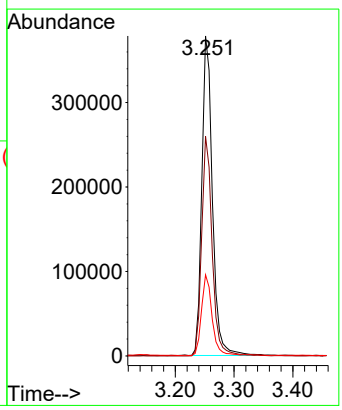


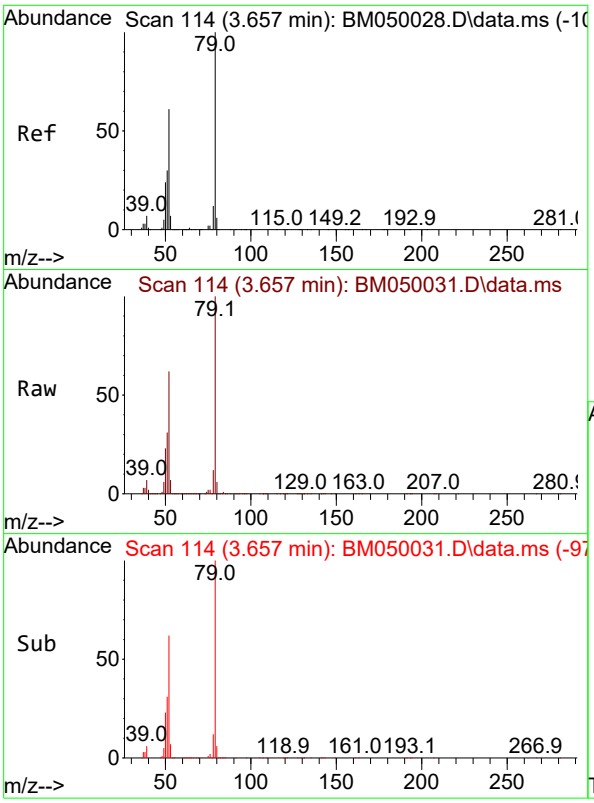


#2
1,4-Dioxane
Concen: 77.317 ng
RT: 3.251 min Scan# 45
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 88 Resp: 475912

Ion	Ratio	Lower	Upper
88	100		
58	68.0	55.1	82.7
43	25.3	20.9	31.3



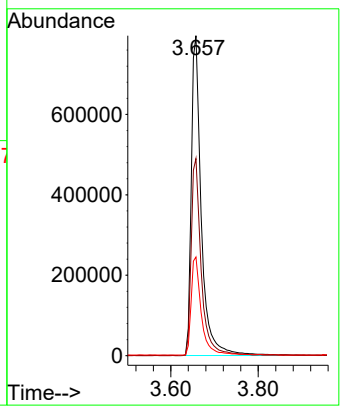


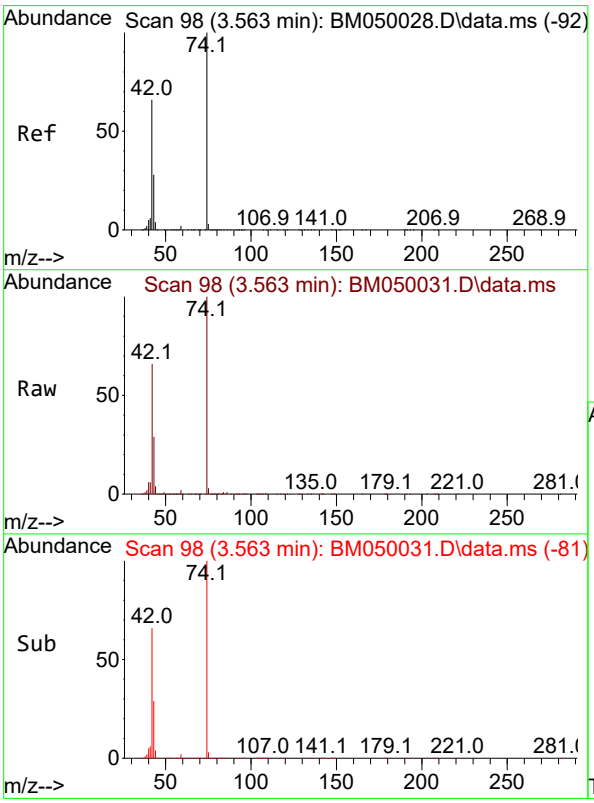
#3
Pyridine
Concen: 80.171 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1267903

Ion	Ratio	Lower	Upper
79	100		
52	61.6	48.6	72.8
51	30.8	24.6	37.0

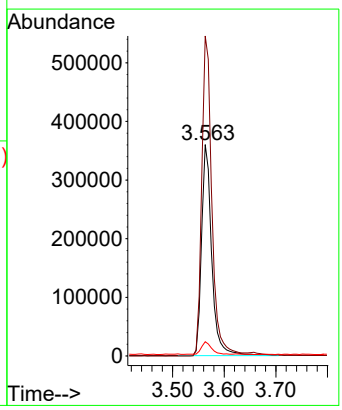


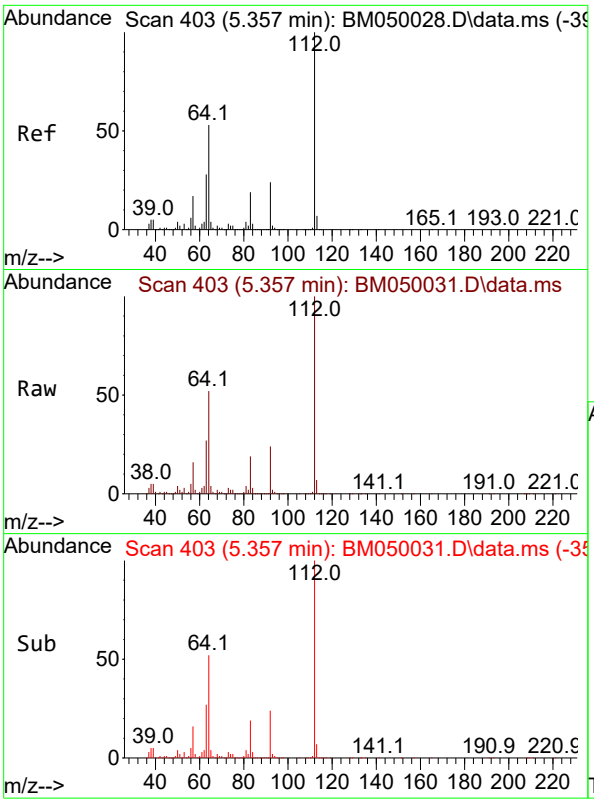


#4
n-Nitrosodimethylamine
Concen: 79.400 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 42 Resp: 492501

Ion	Ratio	Lower	Upper
42	100		
74	151.4	120.2	180.2
44	6.8	6.2	9.2



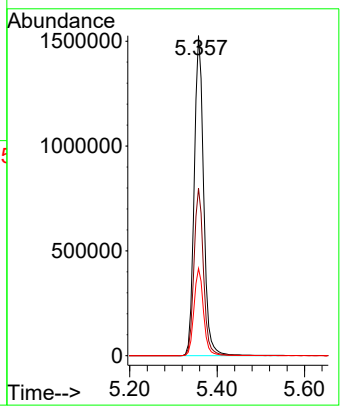


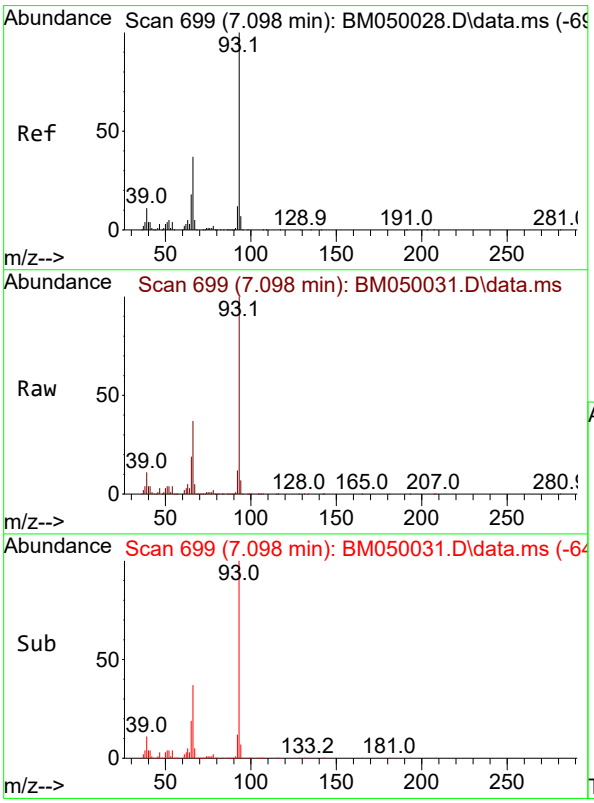
#5
2-Fluorophenol
Concen: 160.027 ng
RT: 5.357 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2297313

Ion	Ratio	Lower	Upper
112	100		
64	52.3	42.6	64.0
63	27.2	22.2	33.4

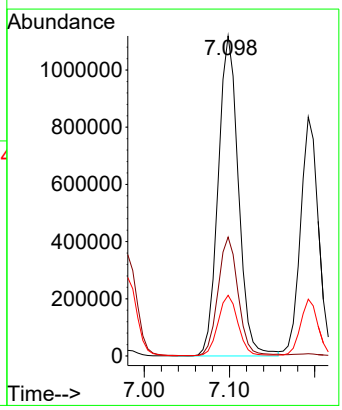


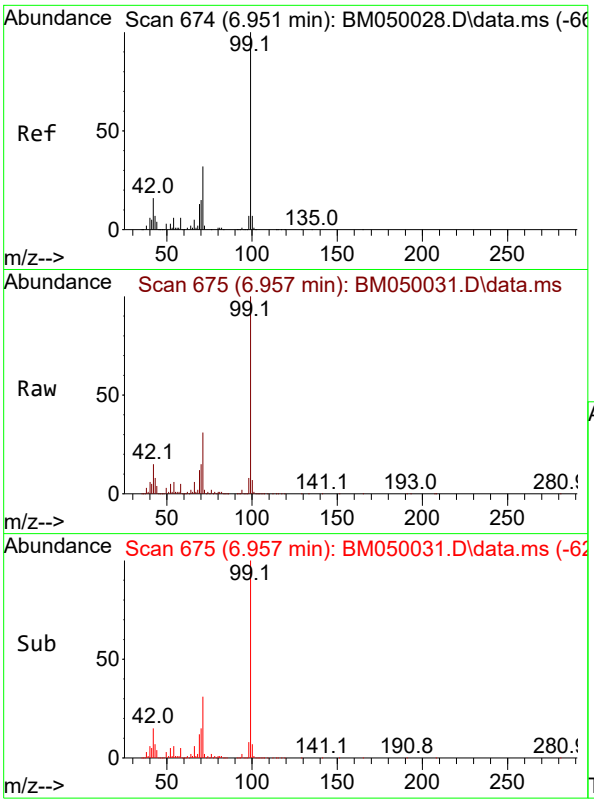


#6
Aniline
Concen: 80.979 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1845033

Ion	Ratio	Lower	Upper
93	100		
66	37.2	29.9	44.9
65	19.0	14.5	21.7



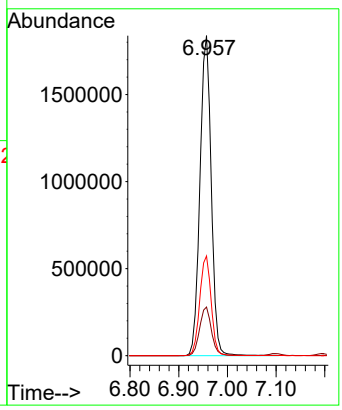


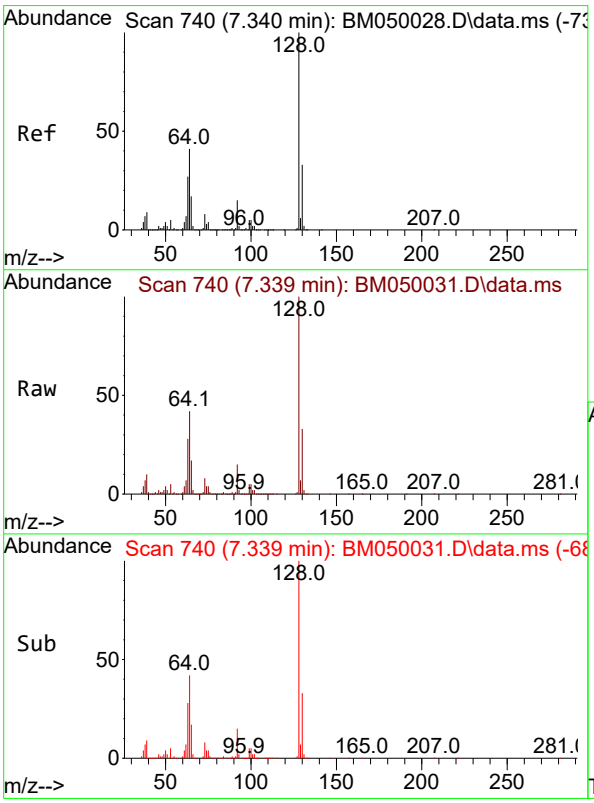
#7
Phenol-d6
Concen: 163.719 ng
RT: 6.957 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 2954036

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.0	19.4
71	31.1	25.6	38.4

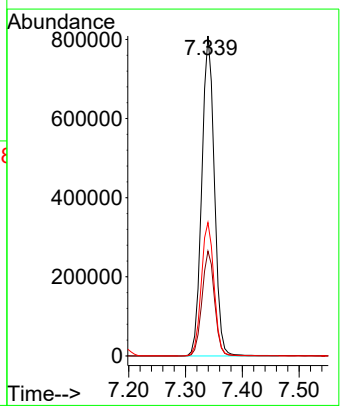


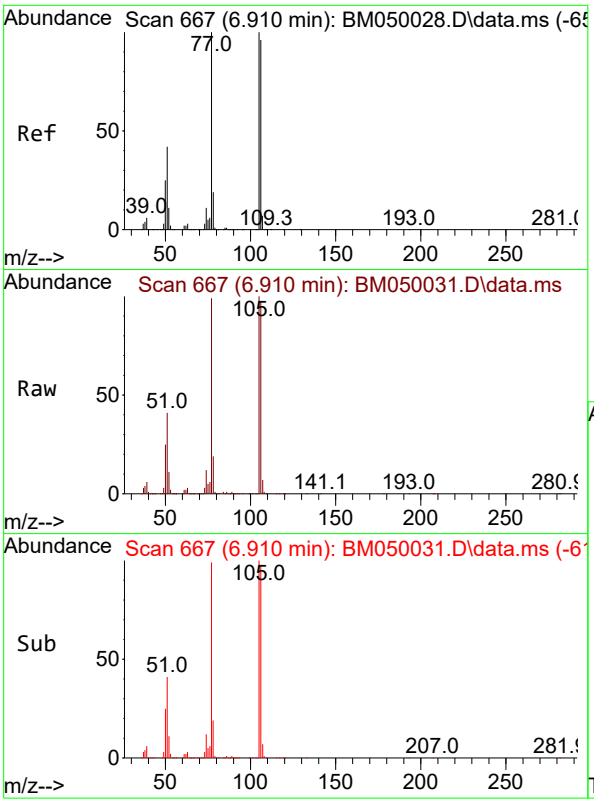


#8
2-Chlorophenol
Concen: 79.998 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:128 Resp: 1241711

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	41.7	21.2	61.2



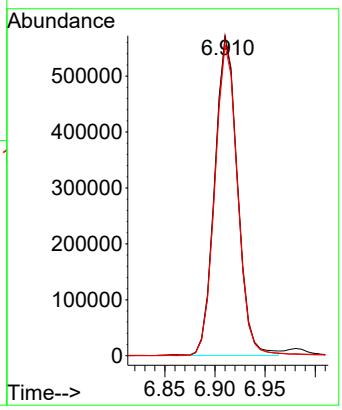


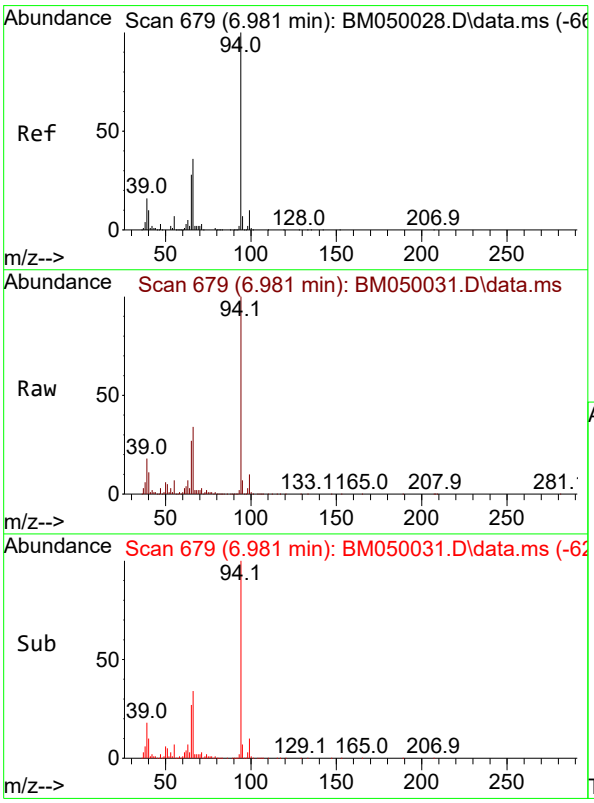
#9
Benzaldehyde
Concen: 74.544 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 898993

Ion	Ratio	Lower	Upper
77	100		
105	100.5	80.5	120.5
106	97.5	76.1	116.1

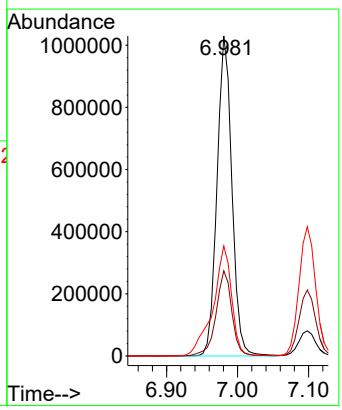


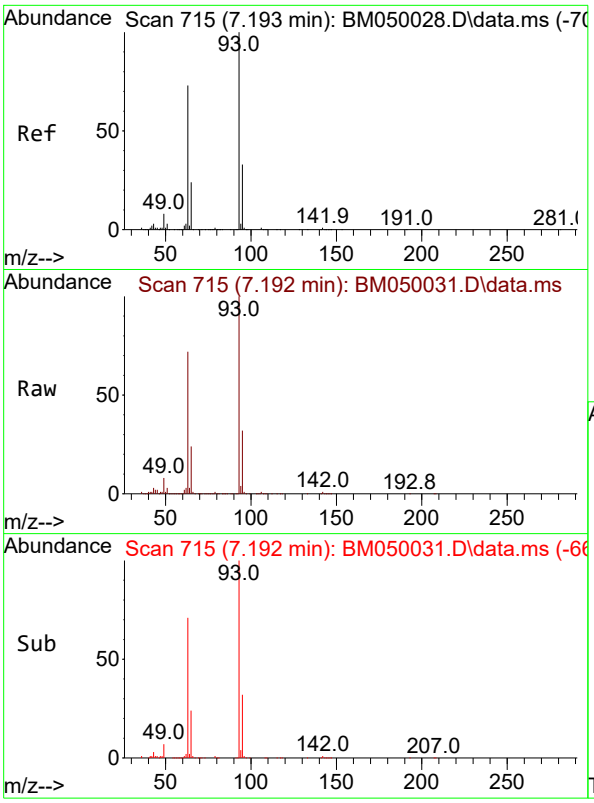


#10
Phenol
Concen: 81.638 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 94 Resp: 1491194

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.6	47.6
66	34.4	15.8	55.8



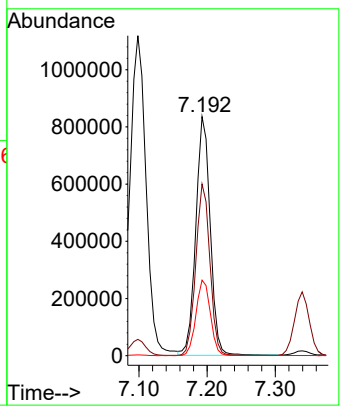


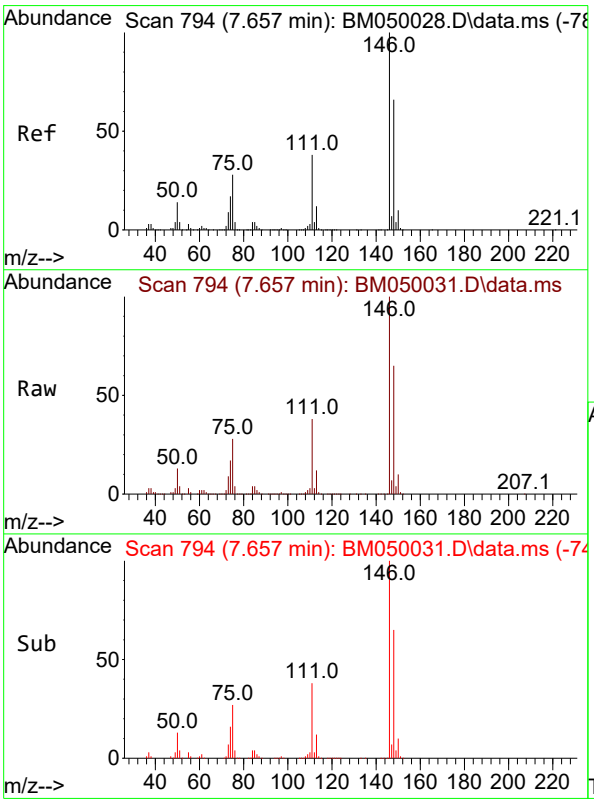
#11
bis(2-Chloroethyl)ether
Concen: 80.283 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1224517

Ion	Ratio	Lower	Upper
93	100		
63	71.8	52.3	92.3
95	31.6	12.8	52.8

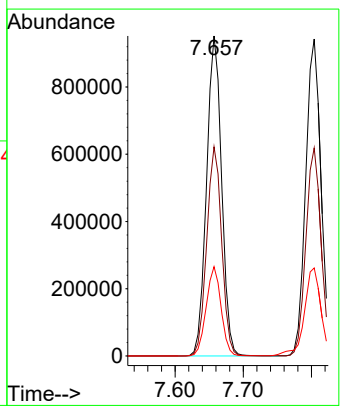


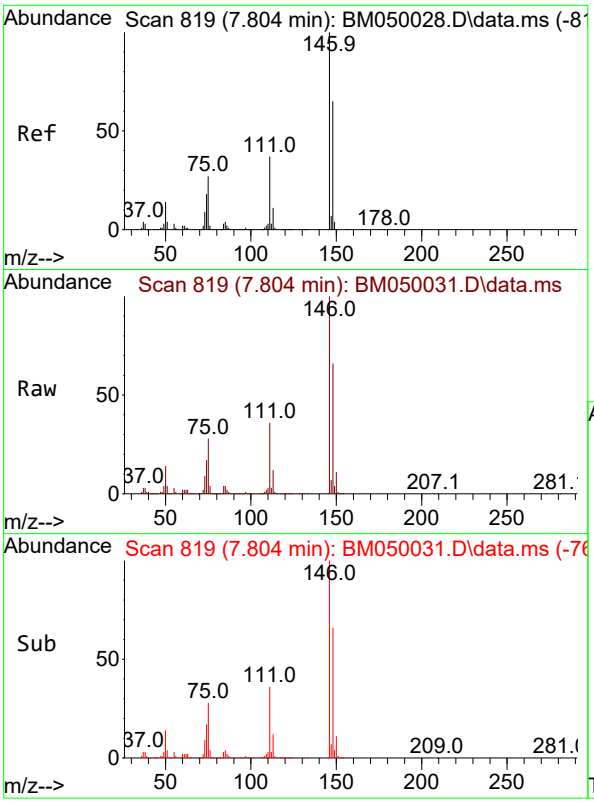


#12
1,3-Dichlorobenzene
Concen: 77.912 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1460820

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.5	78.7
75	27.9	22.6	34.0



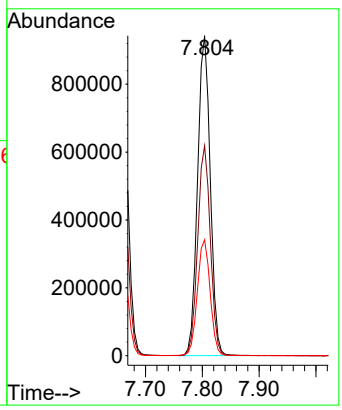


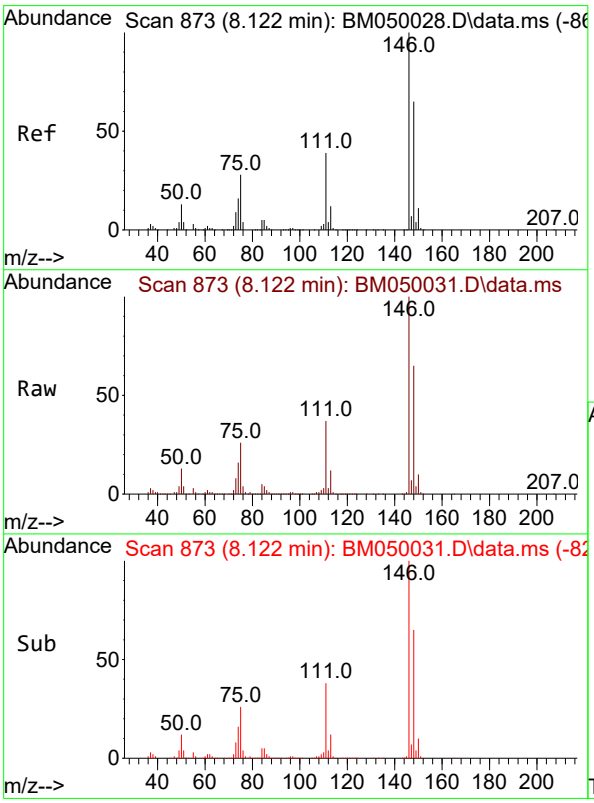
#13
1,4-Dichlorobenzene
Concen: 77.822 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1465881

Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.2	78.2
111	36.2	29.3	43.9

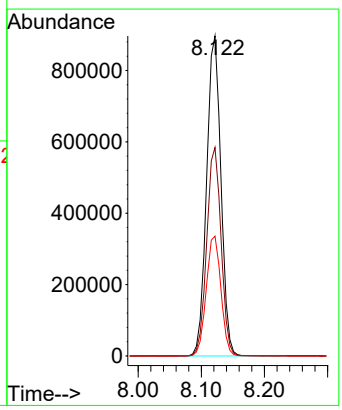


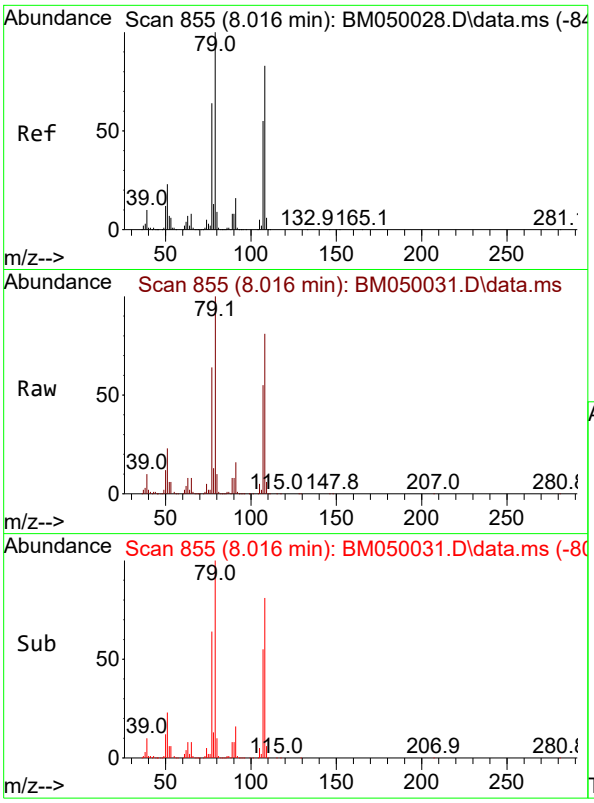


#14
1,2-Dichlorobenzene
Concen: 77.618 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:146 Resp: 1412270

Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.4	78.6
111	37.5	31.0	46.6



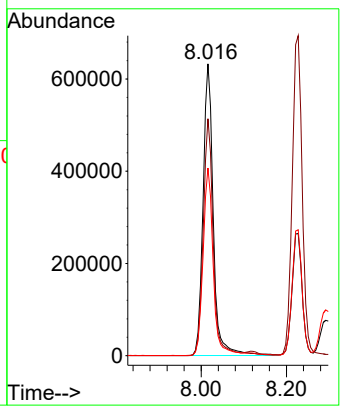


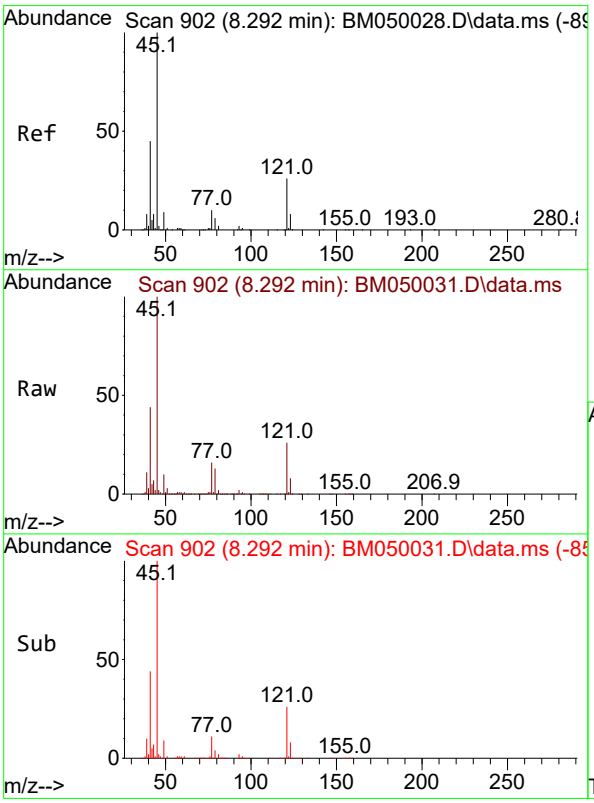
#15
Benzyl Alcohol
Concen: 84.339 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1055328

Ion	Ratio	Lower	Upper
79	100		
108	81.2	66.0	99.0
77	64.3	51.6	77.4

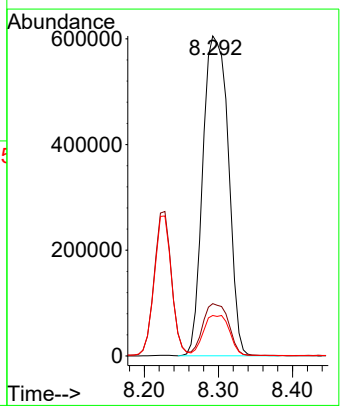


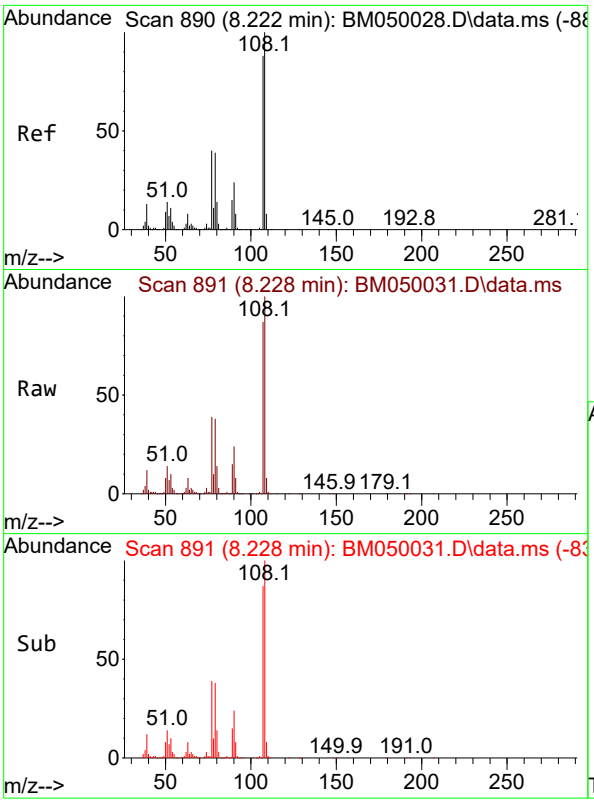


#16
2,2'-oxybis(1-Chloropropane)
Concen: 77.694 ng
RT: 8.292 min Scan# 902
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 45 Resp: 1440484

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.7	0.0	32.7



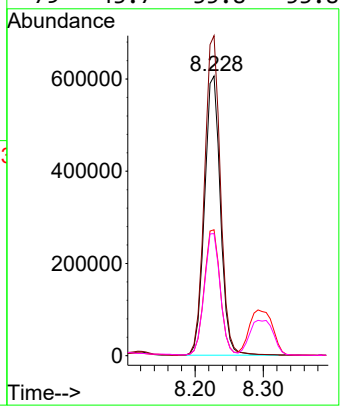


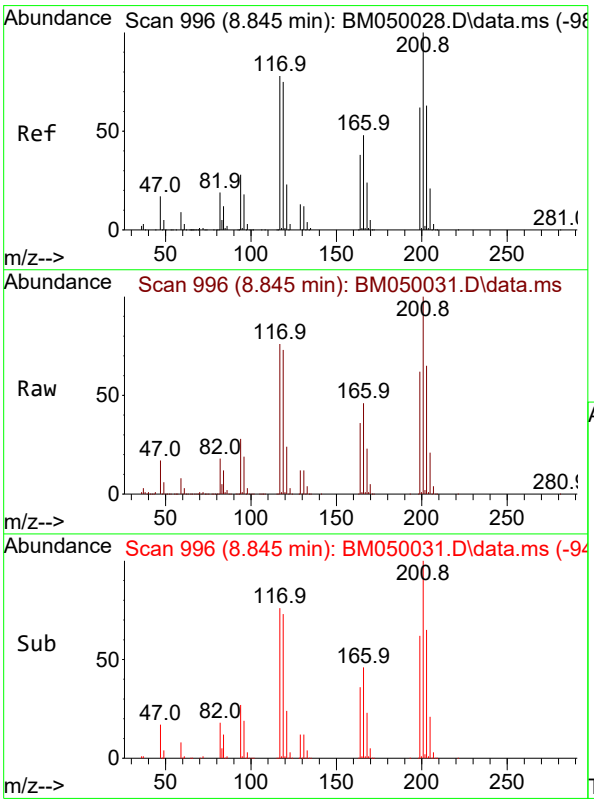
#17
2-Methylphenol
Concen: 81.473 ng
RT: 8.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 980375

Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	45.1	36.2	54.4
79	43.7	35.8	53.8

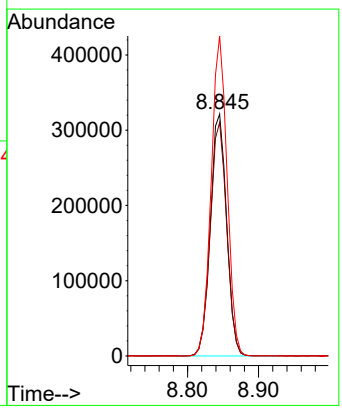


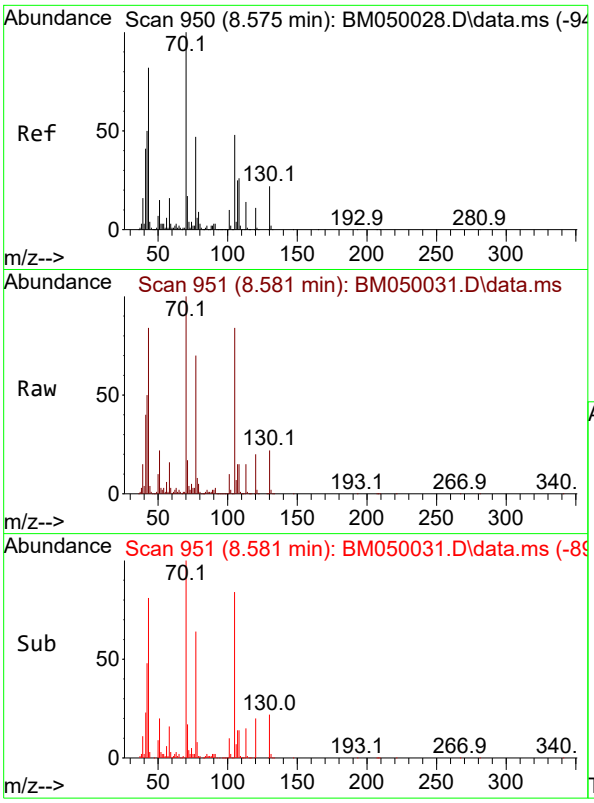


#18
Hexachloroethane
Concen: 76.632 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:117 Resp: 513126

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	132.3	102.8	154.2



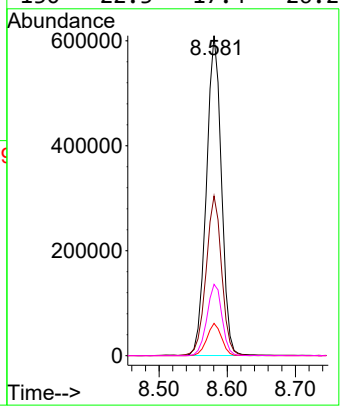


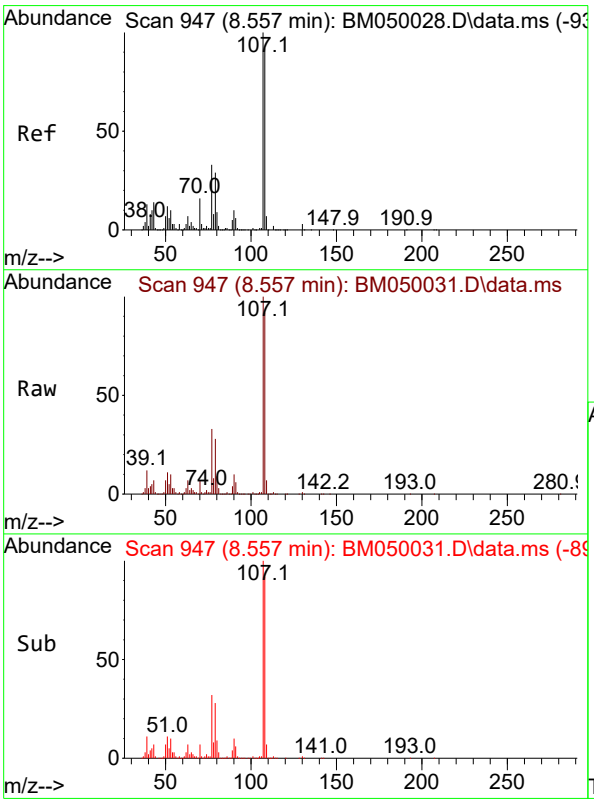
#19
n-Nitroso-di-n-propylamine
Concen: 80.665 ng
RT: 8.581 min Scan# 9
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 933468

Ion	Ratio	Lower	Upper
70	100		
42	49.9	40.5	60.7
101	10.1	7.8	11.6
130	22.3	17.4	26.2

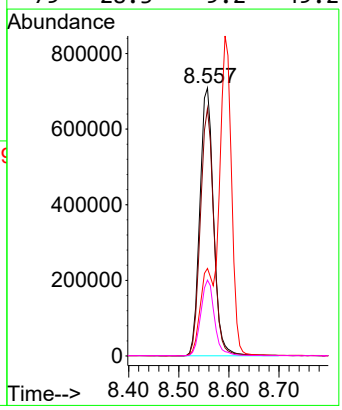


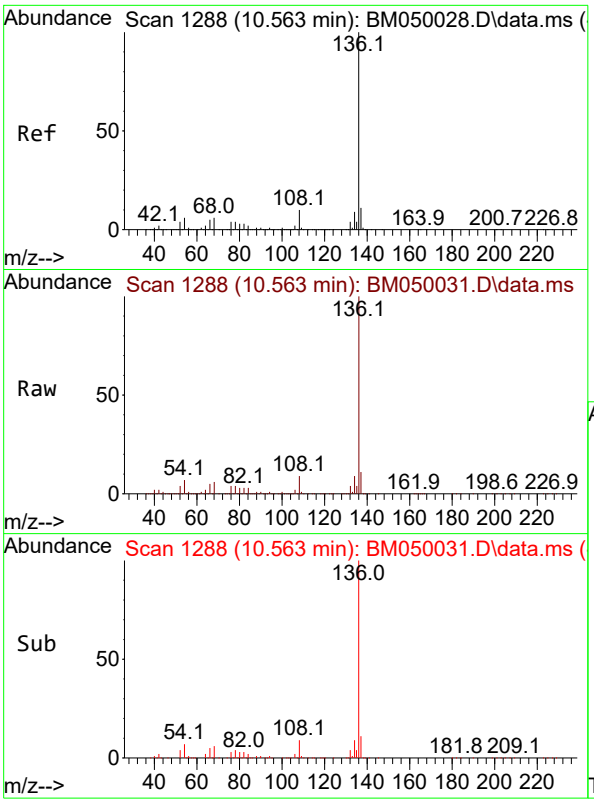


#20
3+4-Methylphenols
Concen: 82.965 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1348190

Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.4	112.4
77	32.6	13.6	53.6
79	28.3	9.2	49.2



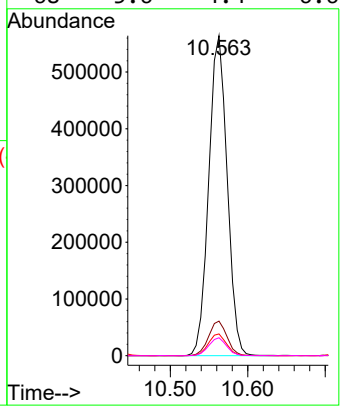


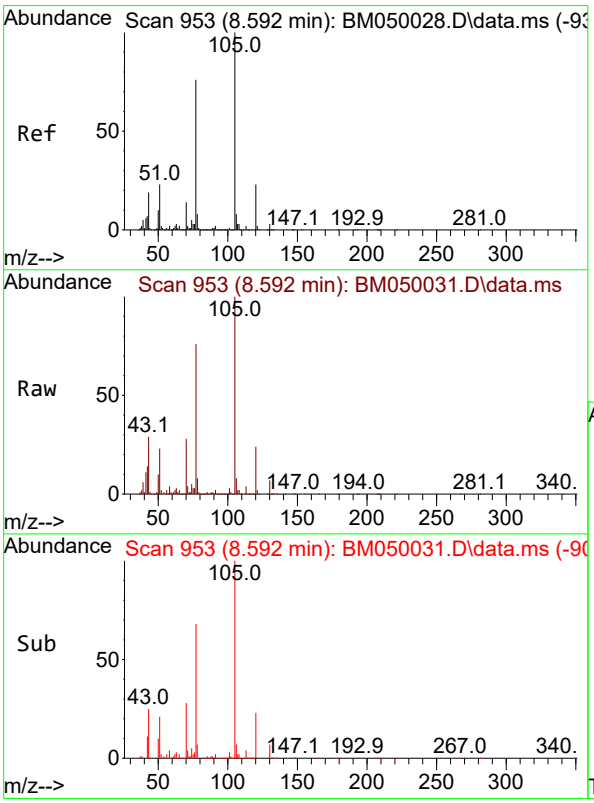
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 931435

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6

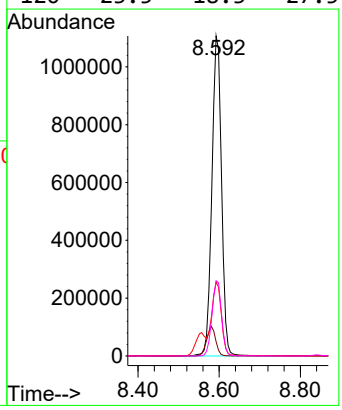


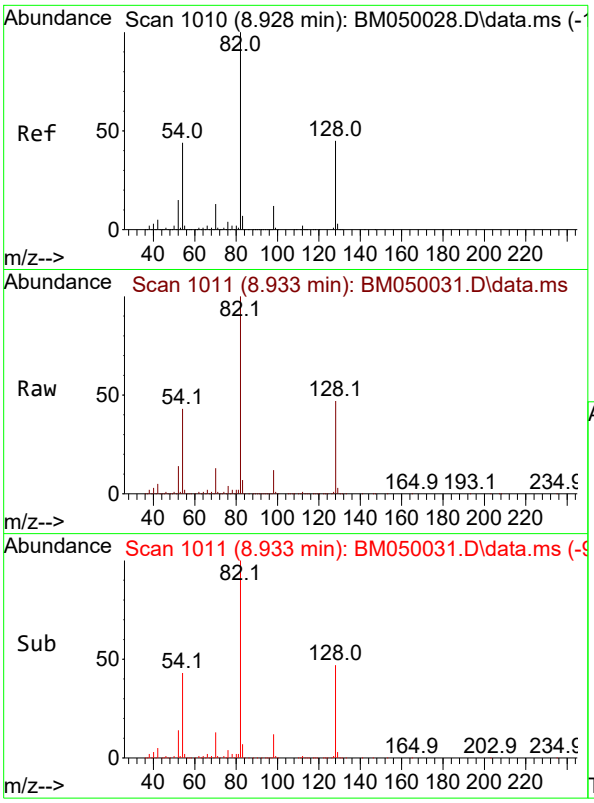


#22
Acetophenone
Concen: 78.406 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:105 Resp: 1815657

Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.7	2.5#
51	23.0	18.6	27.8
120	23.5	18.3	27.5



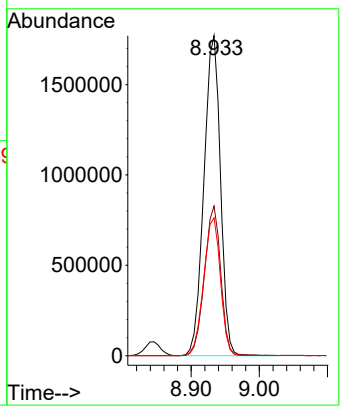


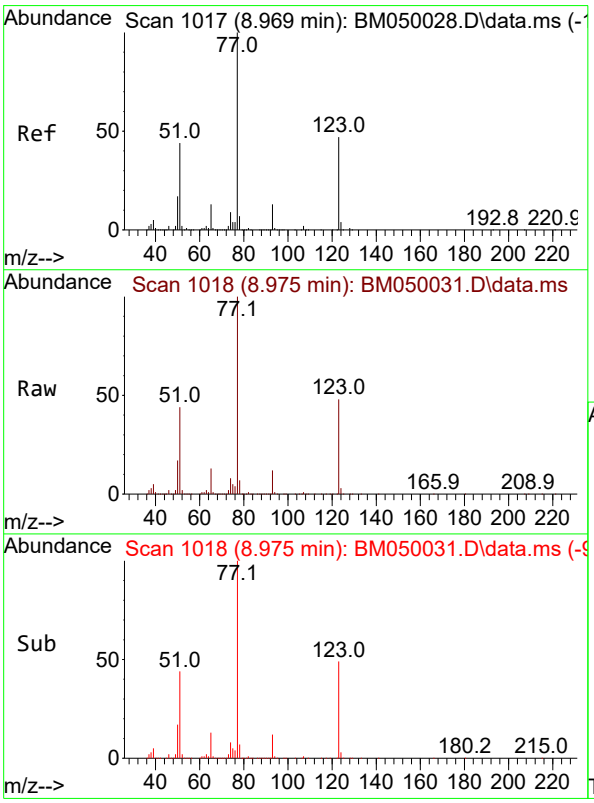
#23
Nitrobenzene-d5
Concen: 157.875 ng
RT: 8.933 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2984192

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	43.1	35.4	53.2

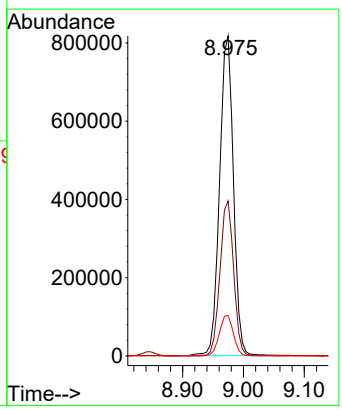


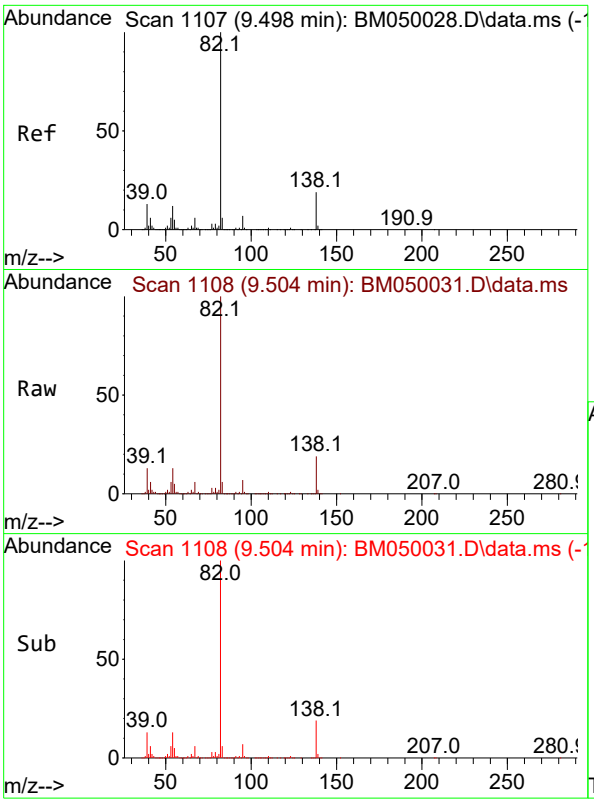


#24
Nitrobenzene
Concen: 78.871 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 77 Resp: 1289068

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.9	56.9
65	12.7	10.1	15.1



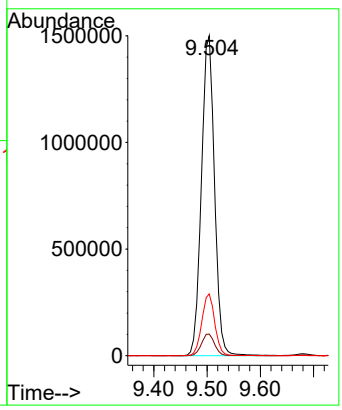


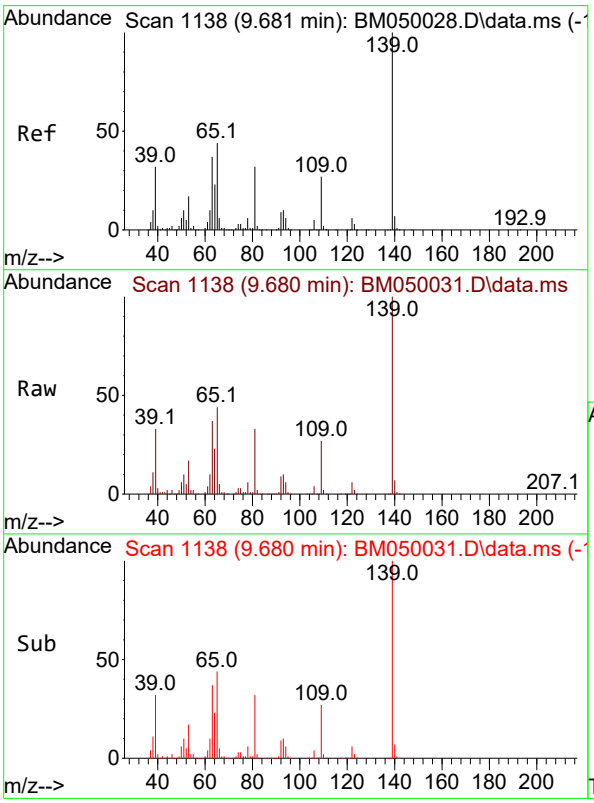
#25
Isophorone
Concen: 79.430 ng
RT: 9.504 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2559279

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	19.3	15.5	23.3

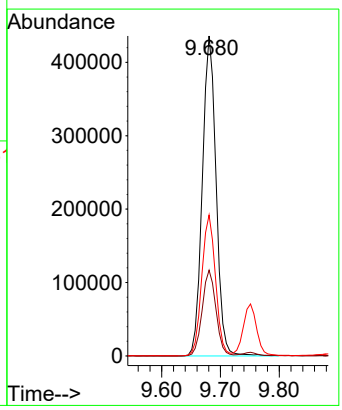


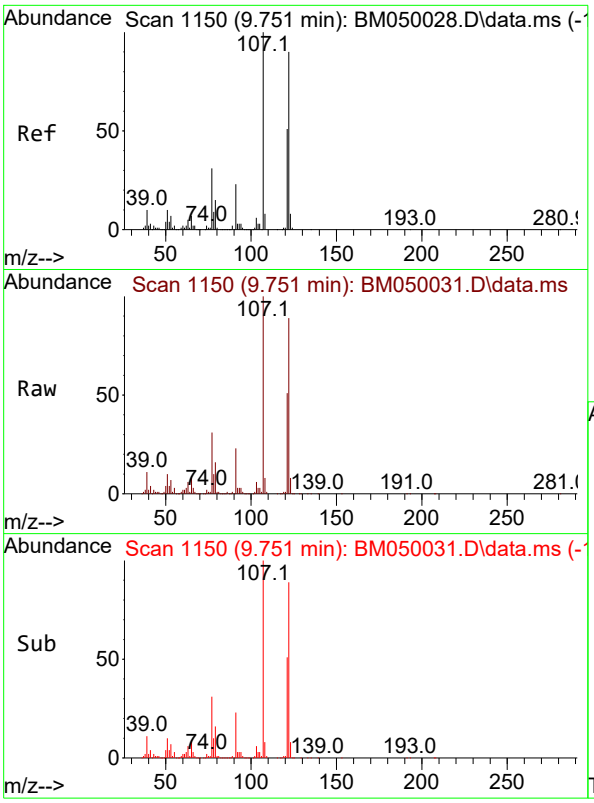


#26
2-Nitrophenol
Concen: 85.053 ng
RT: 9.680 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 710174

Ion	Ratio	Lower	Upper
139	100		
109	26.8	21.9	32.9
65	44.0	35.4	53.2



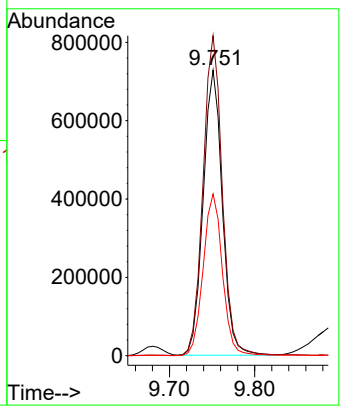


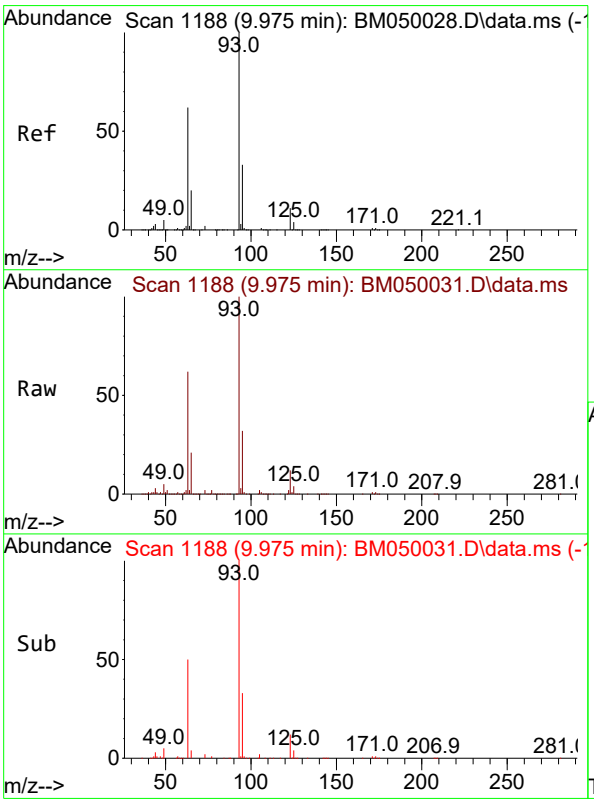
#27
2,4-Dimethylphenol
Concen: 82.043 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 1136040

Ion	Ratio	Lower	Upper
122	100		
107	112.1	89.0	133.6
121	56.7	45.6	68.4

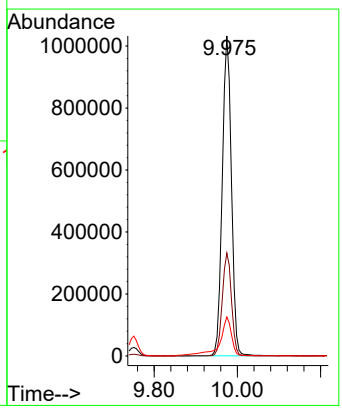


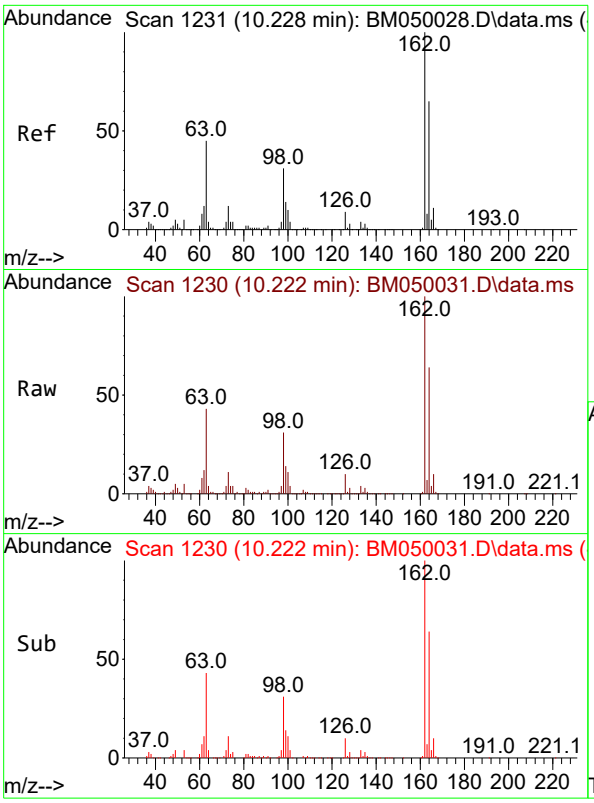


#28
bis(2-Chloroethoxy)methane
Concen: 79.437 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 93 Resp: 1581985

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	12.2	9.5	14.3



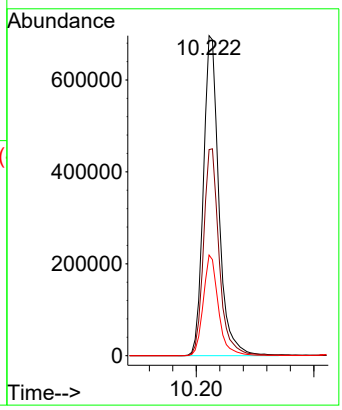


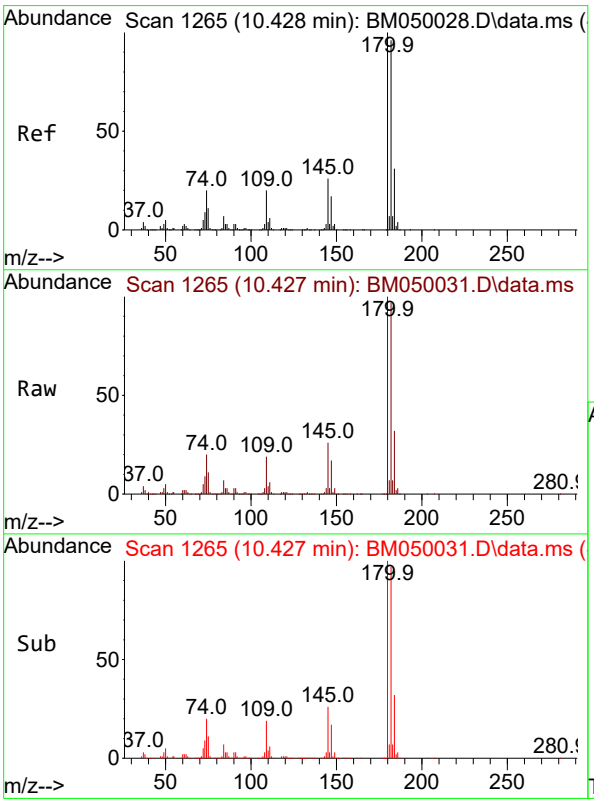
#29
2,4-Dichlorophenol
Concen: 82.243 ng
RT: 10.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1275806

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	31.4	11.3	51.3

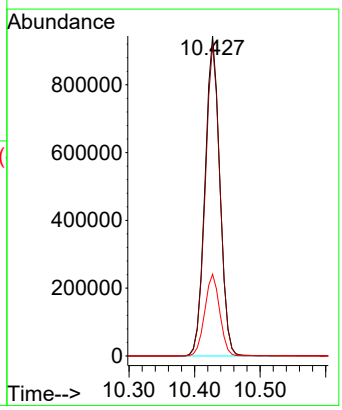


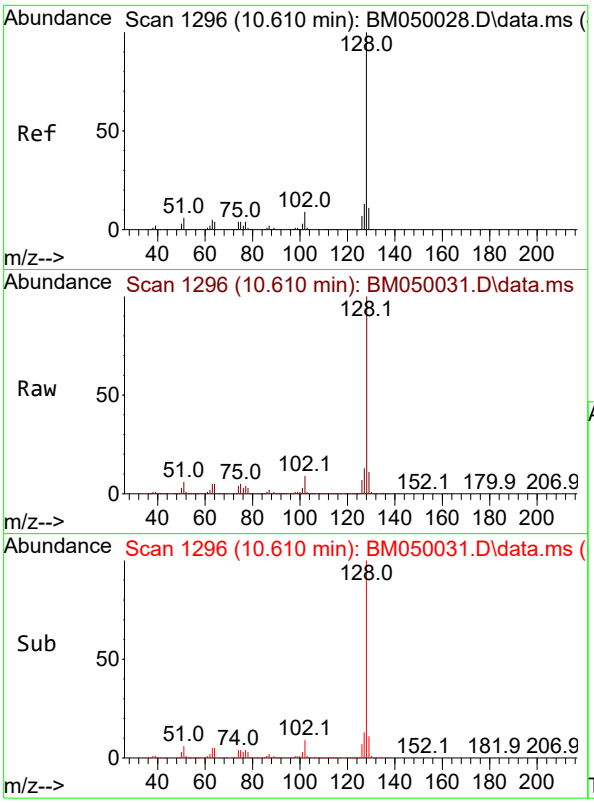


#30
1,2,4-Trichlorobenzene
Concen: 78.590 ng
RT: 10.427 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:180 Resp: 1485344

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.0	115.4
145	25.6	20.6	30.8



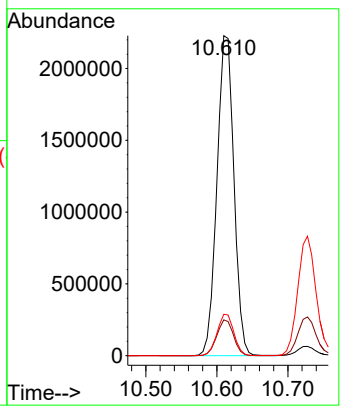


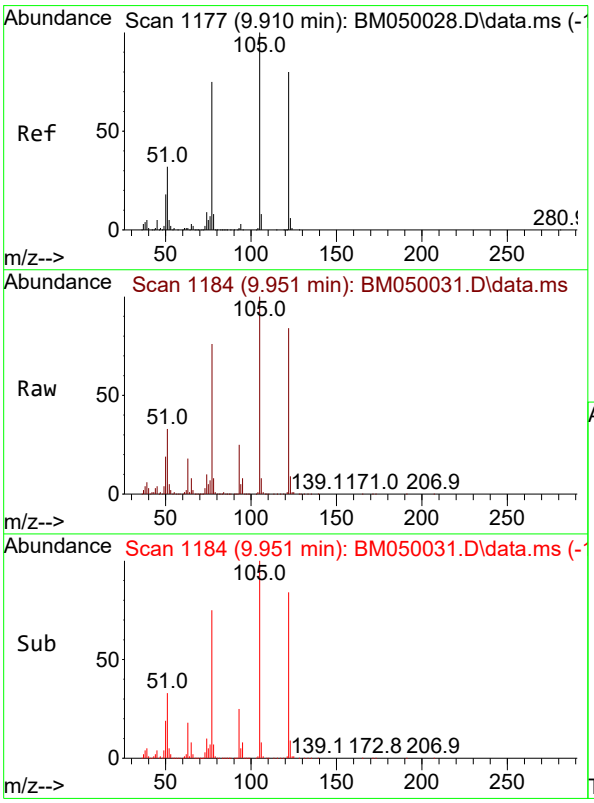
#31
Naphthalene
Concen: 78.143 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 3686066

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.4	15.6

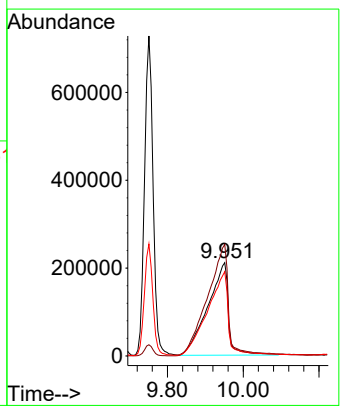


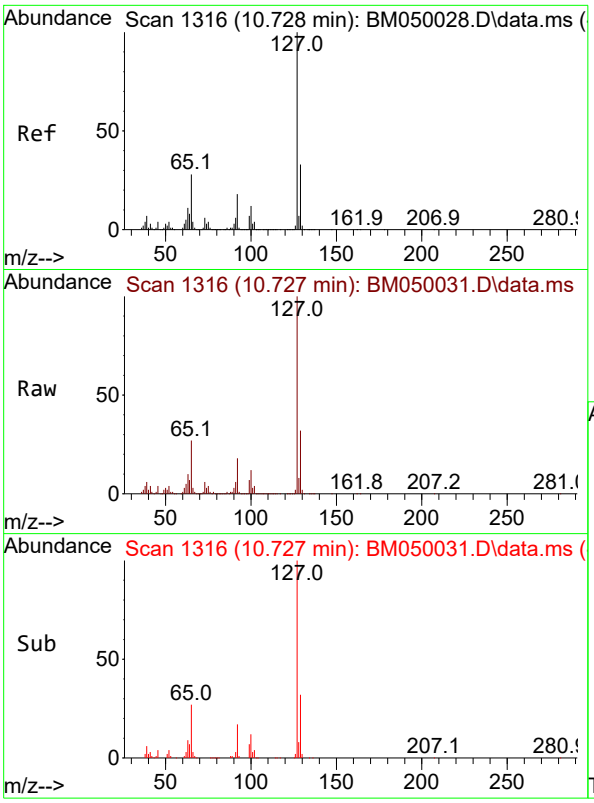


#32
Benzoic acid
Concen: 90.660 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.041 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:122 Resp: 800660

Ion	Ratio	Lower	Upper
122	100		
105	119.6	103.6	143.6
77	90.5	73.7	113.7



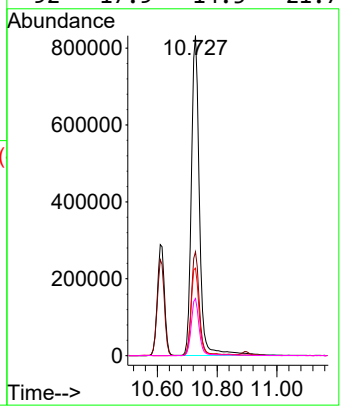


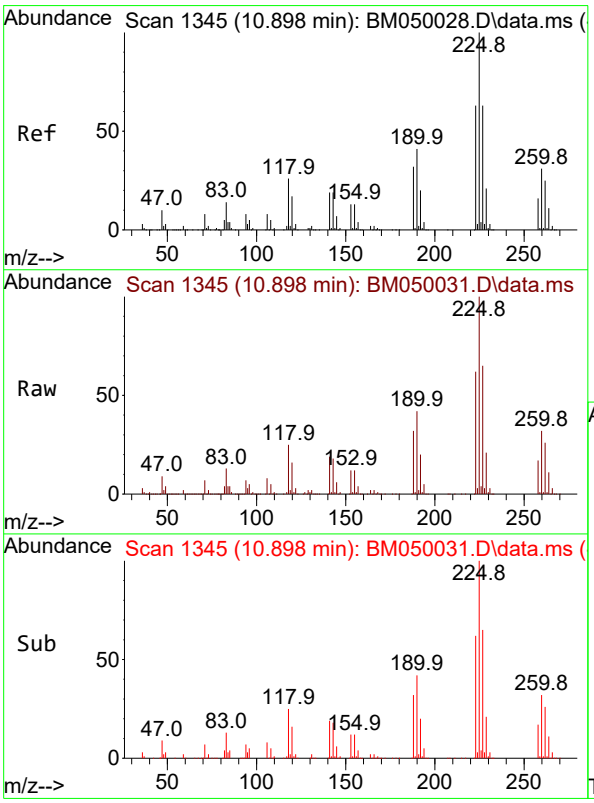
#33
4-Chloroaniline
Concen: 81.508 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1575909

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.3	22.5	33.7
92	17.9	14.5	21.7

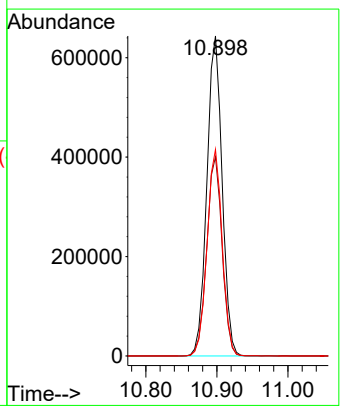


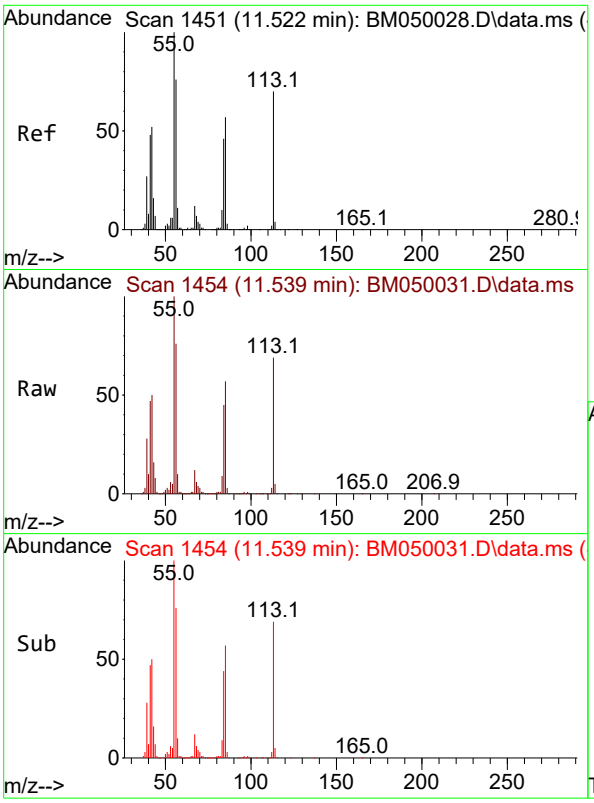


#34
Hexachlorobutadiene
Concen: 80.012 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:225 Resp: 959905

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	64.6	50.6	76.0



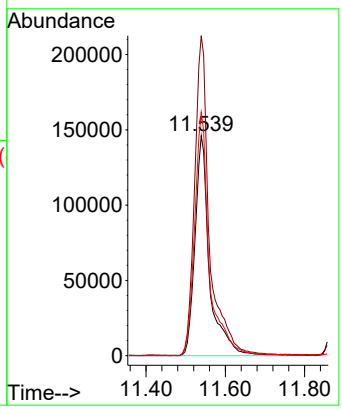


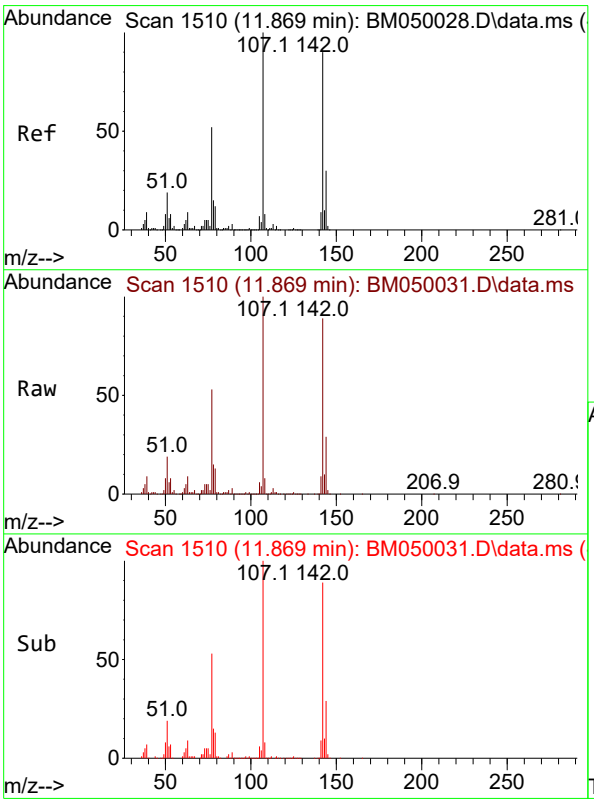
#35
Caprolactam
Concen: 82.060 ng
RT: 11.539 min Scan# 14
Delta R.T. 0.018 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 371164

Ion	Ratio	Lower	Upper
113	100		
55	145.4	122.9	162.9
56	110.6	88.1	128.1

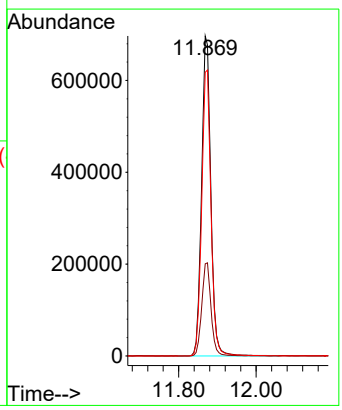


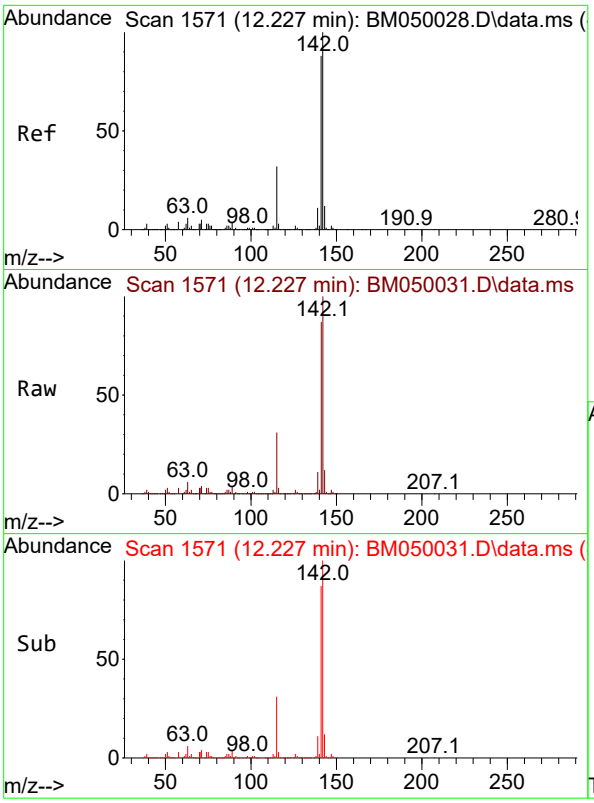


#36
4-Chloro-3-methylphenol
Concen: 80.424 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:107 Resp: 1152624

Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.8	35.6
142	88.7	71.9	107.9



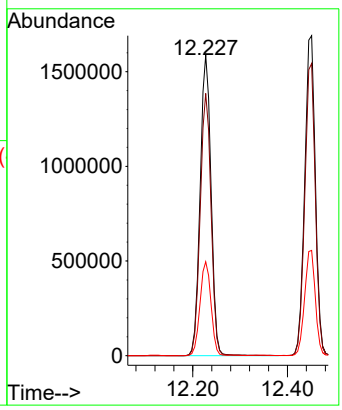


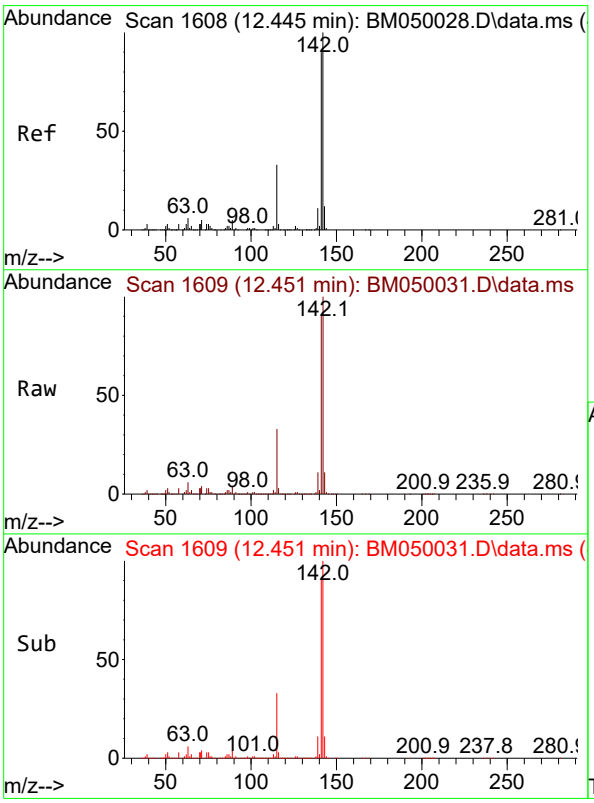
#37
2-Methylnaphthalene
Concen: 79.858 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2525532

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.2	25.4	38.2

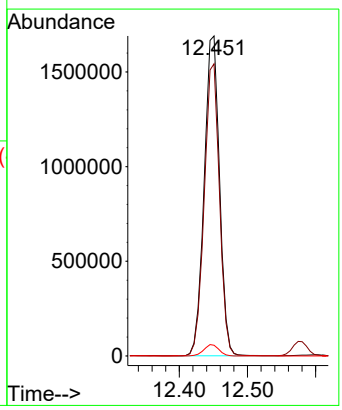


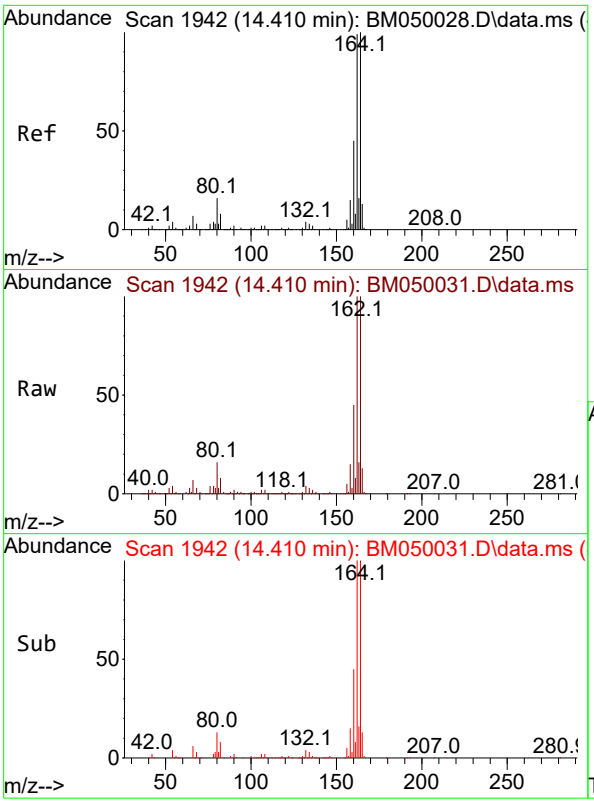


#38
1-Methylnaphthalene
Concen: 79.045 ng
RT: 12.451 min Scan# 1609
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:142 Resp: 2645483

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.1	108.1
116	3.4	2.7	4.1



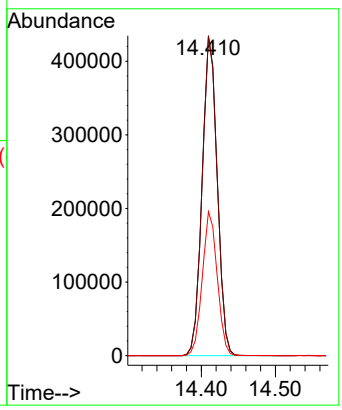


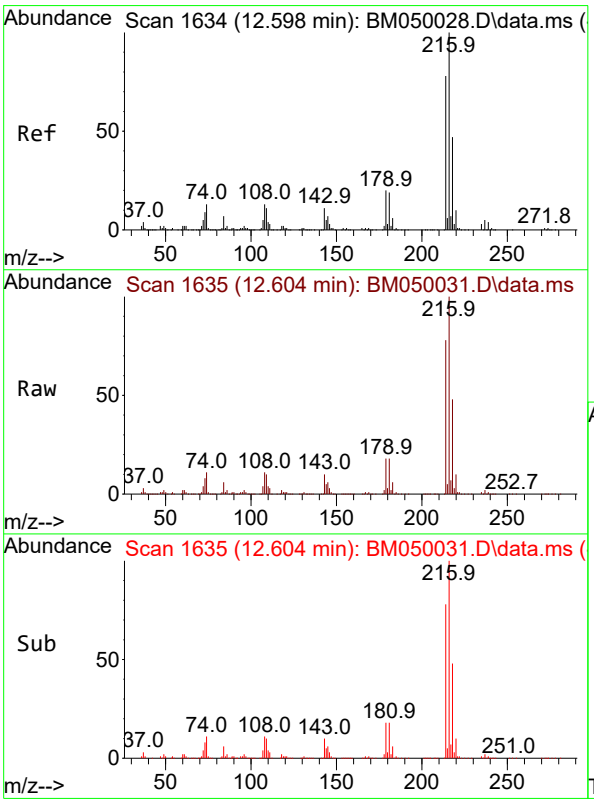
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 613490

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.0	36.2	54.4

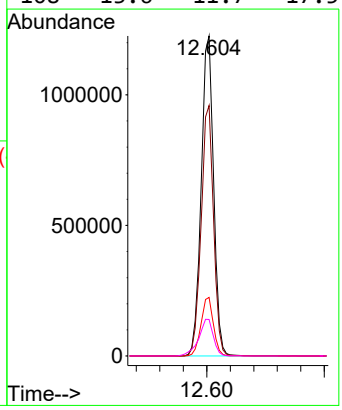


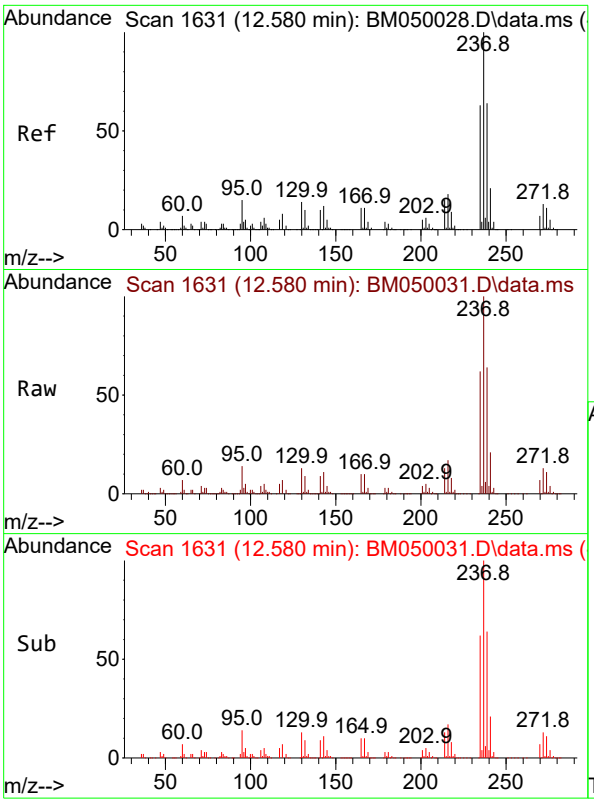


#40
1,2,4,5-Tetrachlorobenzene
Concen: 84.742 ng
RT: 12.604 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:216 Resp: 1799698

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	18.4	15.4	23.0
108	13.6	11.7	17.5



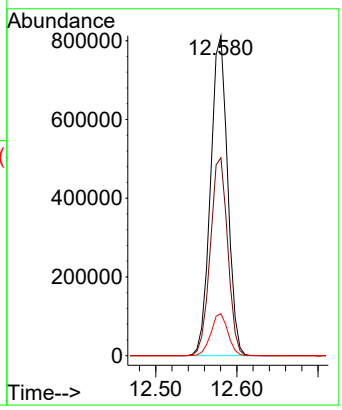


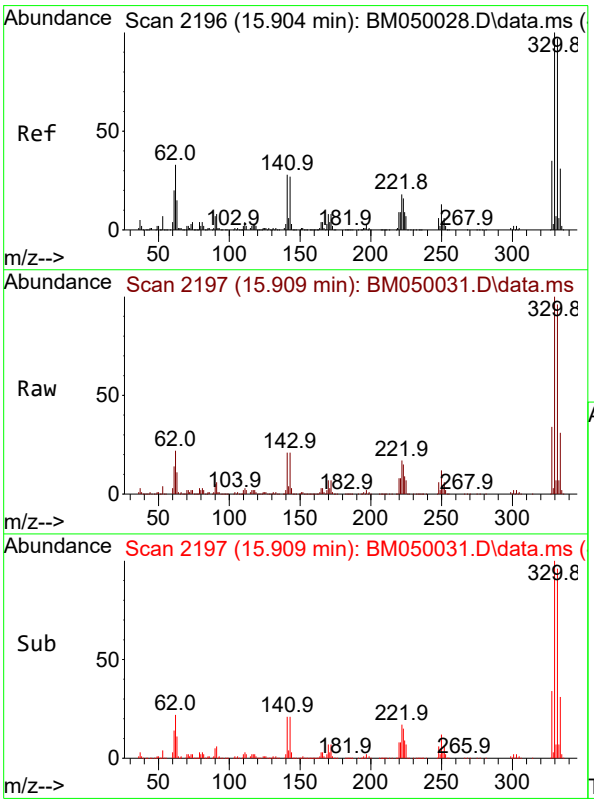
#41
Hexachlorocyclopentadiene
Concen: 91.336 ng
RT: 12.580 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 1185418

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.9	82.9
272	13.1	0.0	32.9

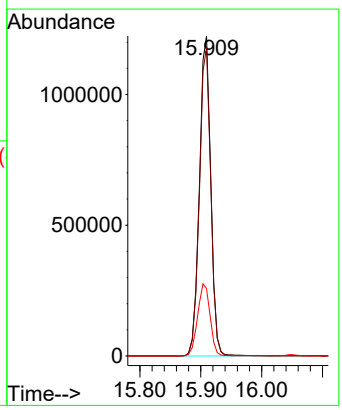


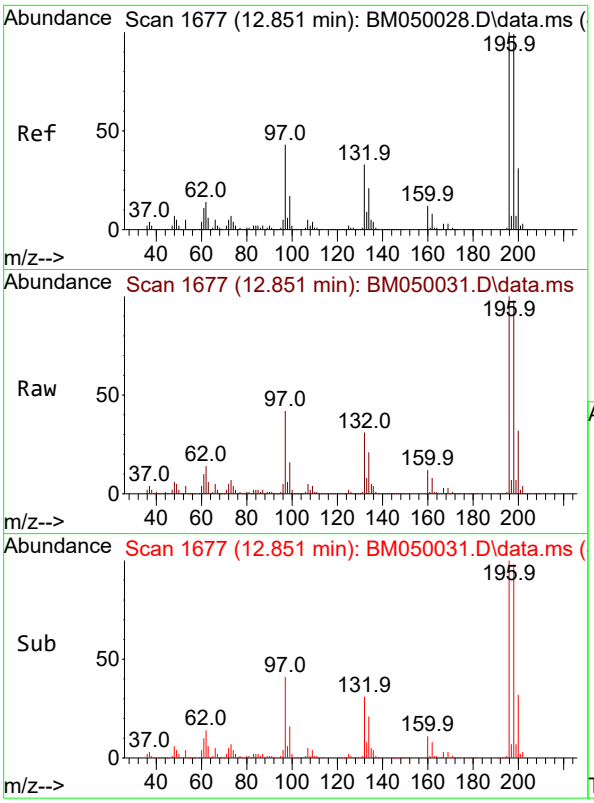


#42
2,4,6-Tribromophenol
Concen: 174.847 ng
RT: 15.909 min Scan# 2197
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:330 Resp: 1586083

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	24.7	22.5	33.7



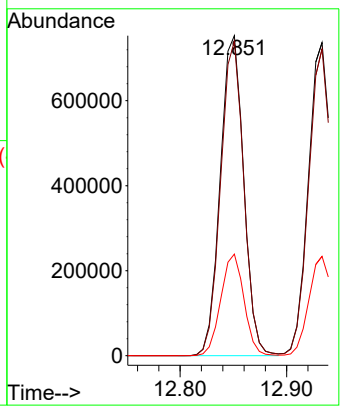


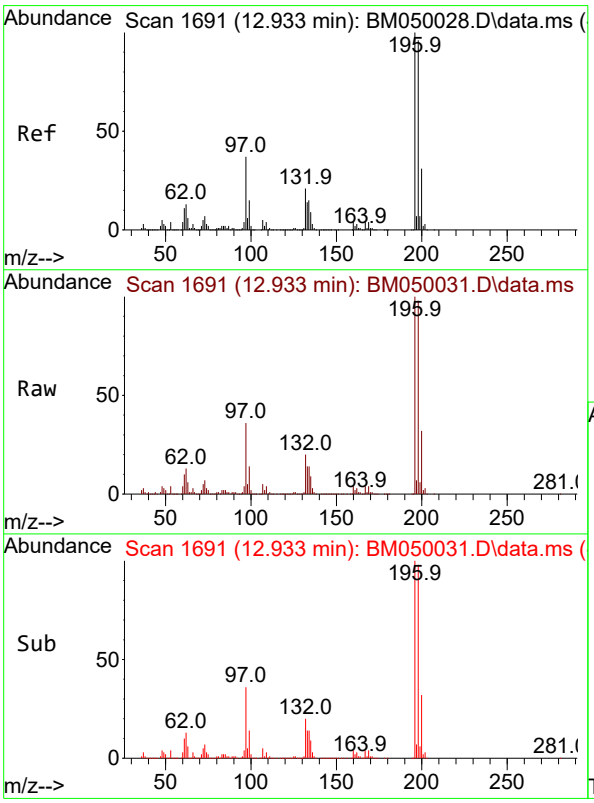
#43
2,4,6-Trichlorophenol
Concen: 85.496 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1151641

Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.0	118.6
200	31.7	25.1	37.7

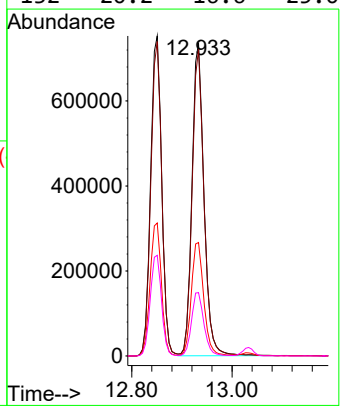


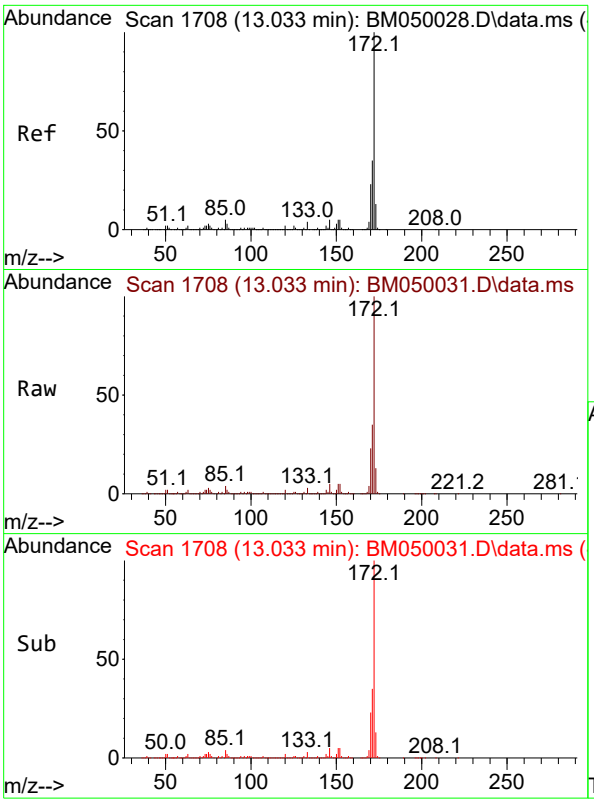


#44
2,4,5-Trichlorophenol
Concen: 84.011 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:196 Resp: 1220306

Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.7	115.1
97	36.2	30.1	45.1
132	20.2	16.6	25.0



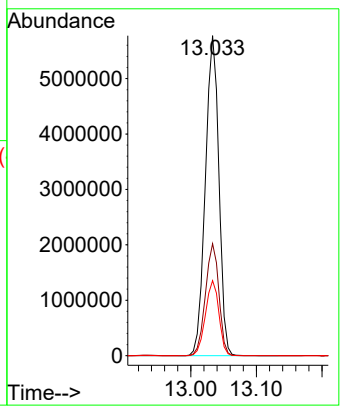


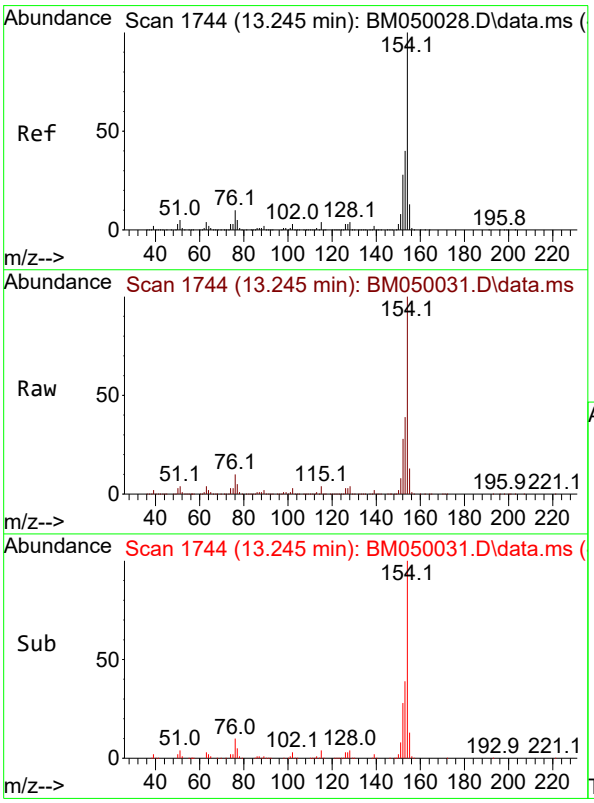
#45
2-Fluorobiphenyl
Concen: 159.736 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 8283812

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.5	18.6	28.0

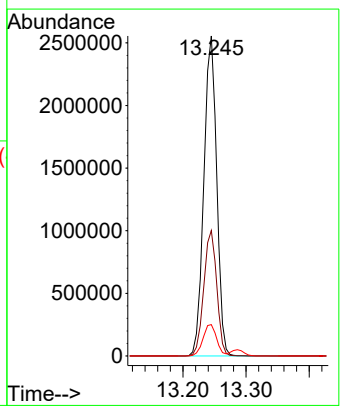


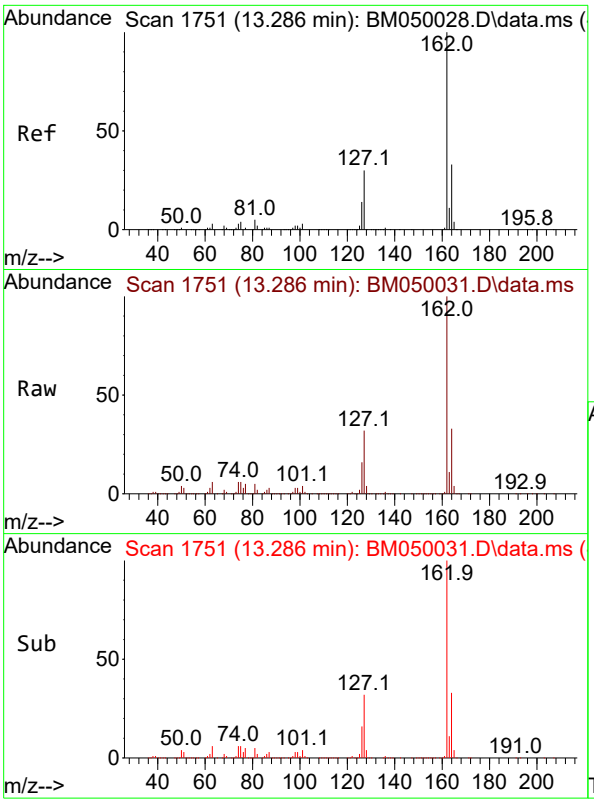


#46
1,1'-Biphenyl
Concen: 79.246 ng
RT: 13.245 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 3613893

Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	9.8	0.0	30.3



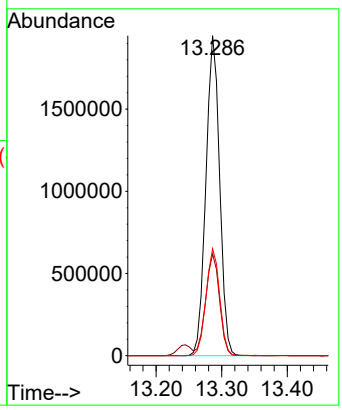


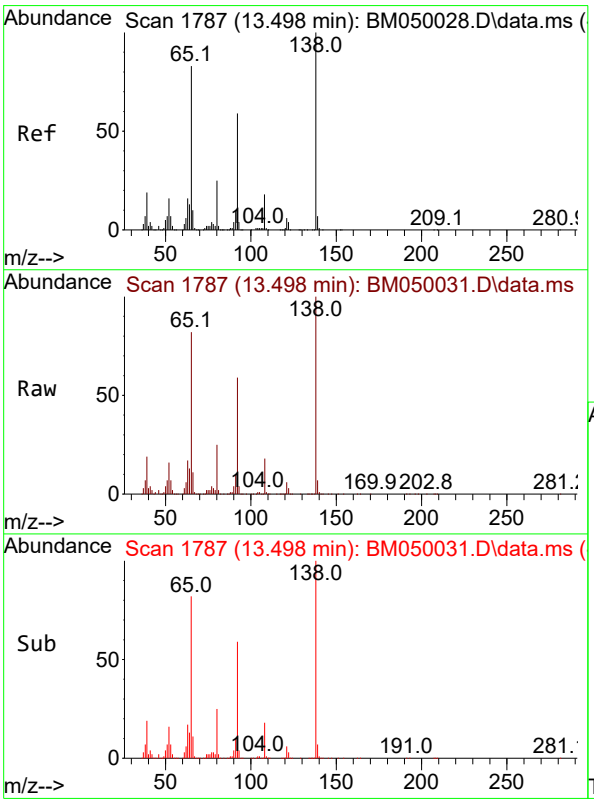
#47
2-Chloronaphthalene
Concen: 78.700 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2842514

Ion	Ratio	Lower	Upper
162	100		
127	31.8	25.9	38.9
164	33.4	26.6	40.0

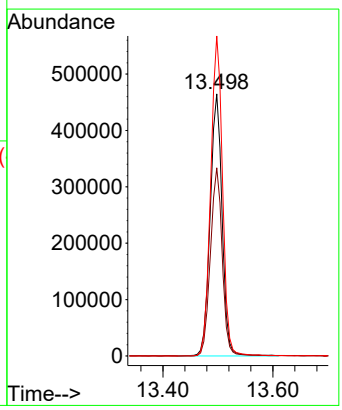


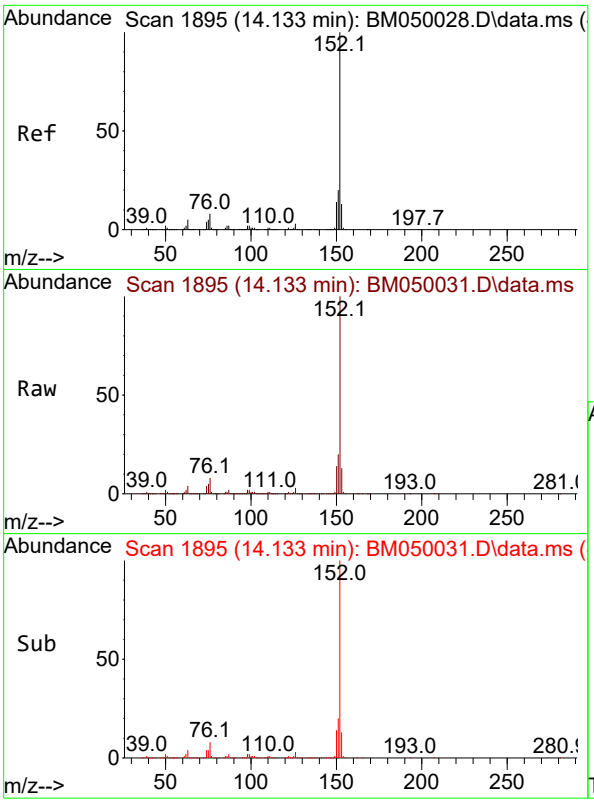


#48
2-Nitroaniline
Concen: 82.725 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion: 65 Resp: 701256

Ion	Ratio	Lower	Upper
65	100		
92	71.8	57.1	85.7
138	122.1	97.0	145.4



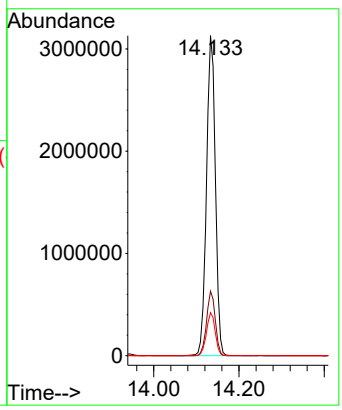


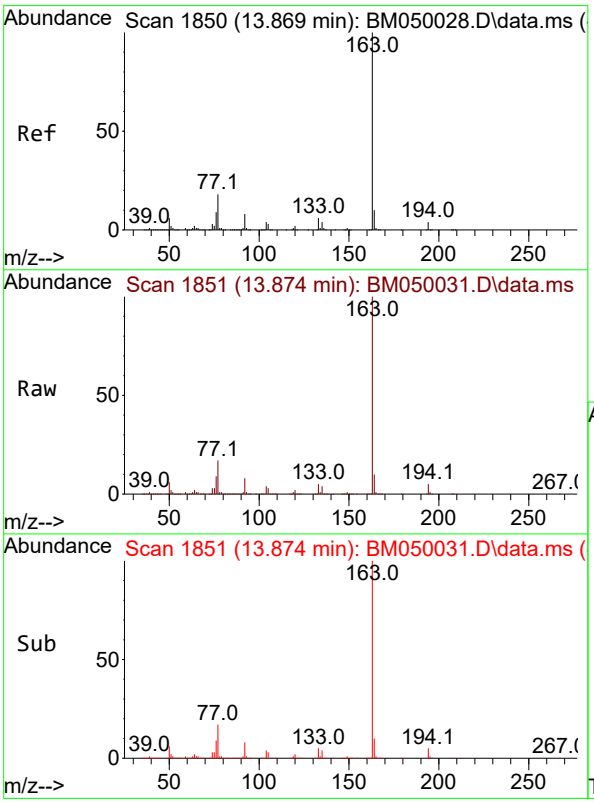
#49
Acenaphthylene
Concen: 79.492 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4526874

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.6	15.8

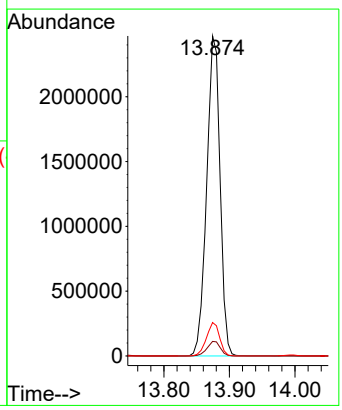


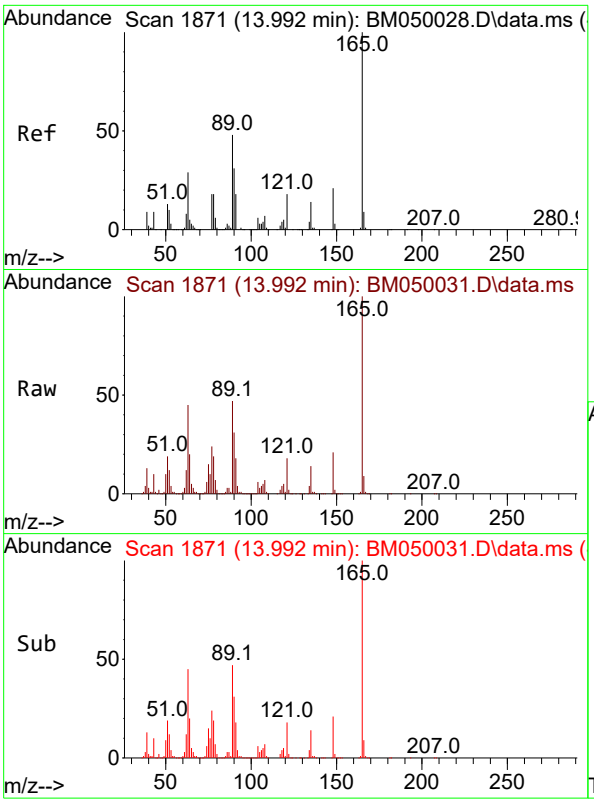


#50
Dimethylphthalate
Concen: 78.228 ng
RT: 13.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:163 Resp: 3507333

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.2	12.2



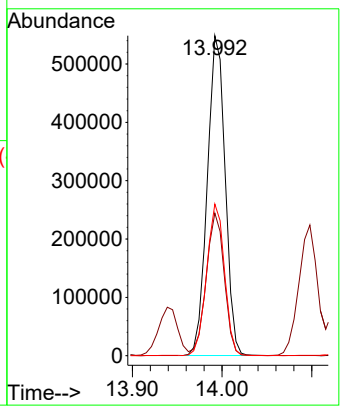


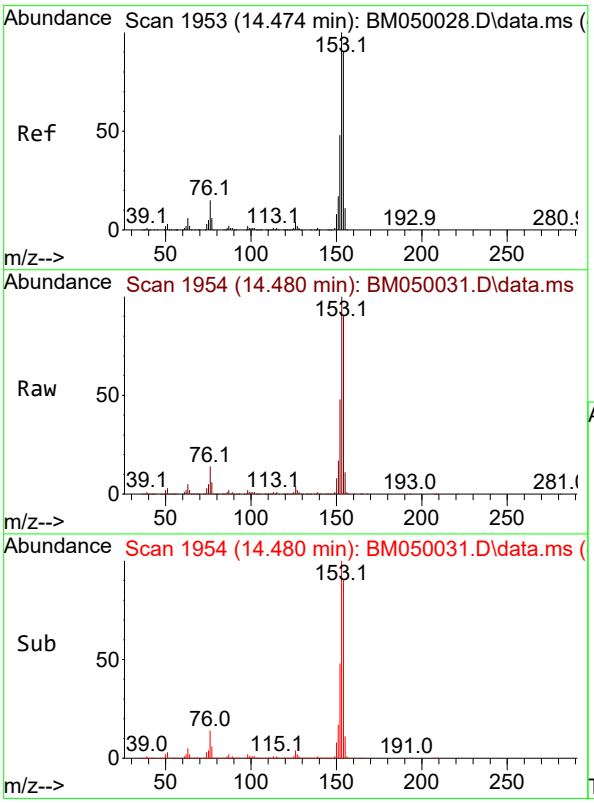
#51
2,6-Dinitrotoluene
Concen: 81.689 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 758296

Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.1	52.7
89	47.4	38.4	57.6

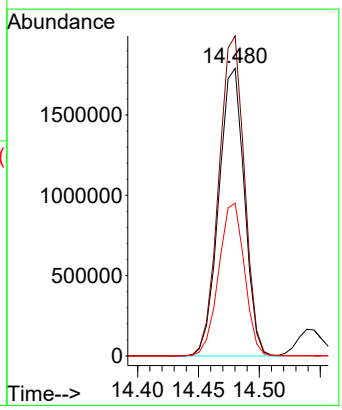


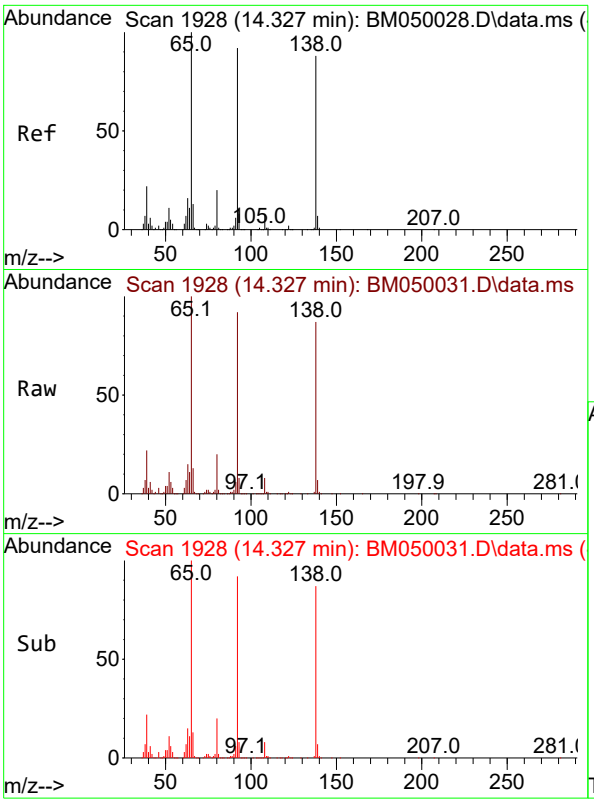


#52
Acenaphthene
Concen: 79.452 ng
RT: 14.480 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:154 Resp: 2618967

Ion	Ratio	Lower	Upper
154	100		
153	111.3	89.0	133.4
152	53.1	43.0	64.6



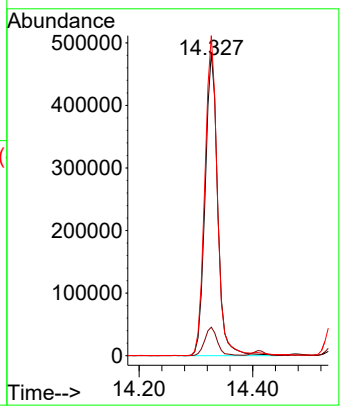


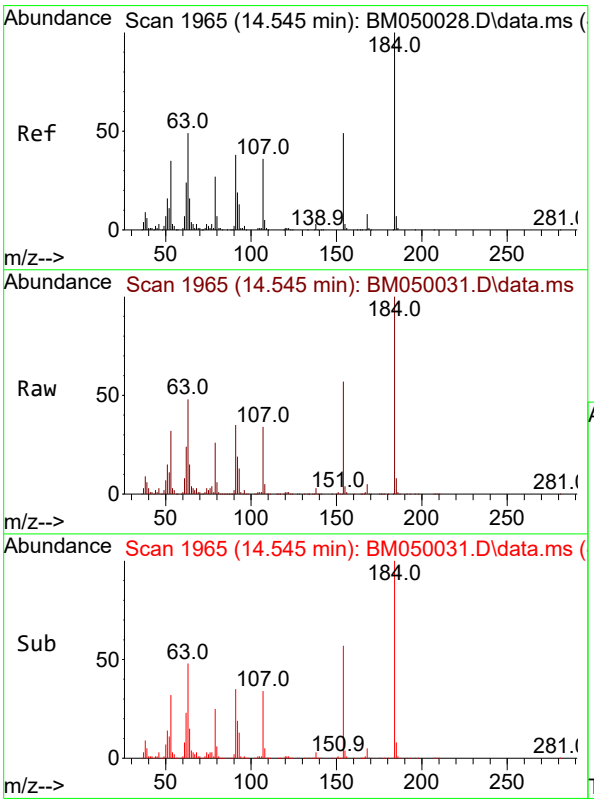
#53
3-Nitroaniline
Concen: 83.521 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 740202

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	105.4	84.0	126.0

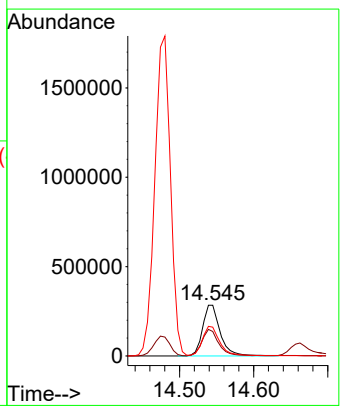


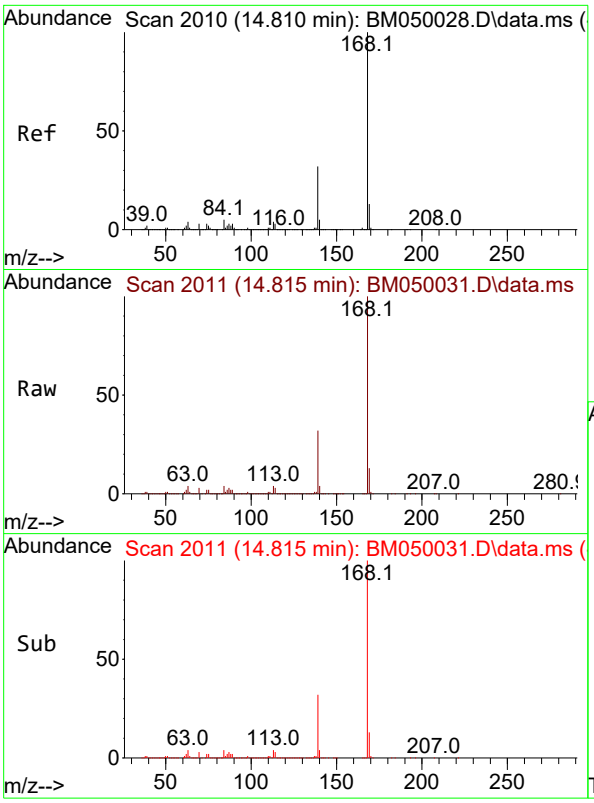


#54
2,4-Dinitrophenol
Concen: 79.096 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:184 Resp: 469472

Ion	Ratio	Lower	Upper
184	100		
63	48.1	39.8	59.6
154	57.0	46.1	69.1



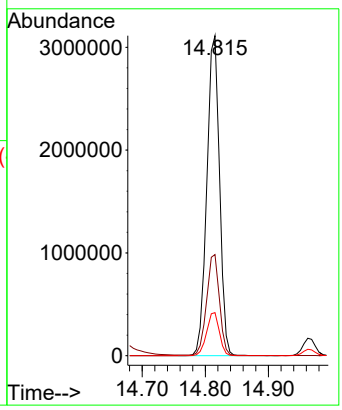


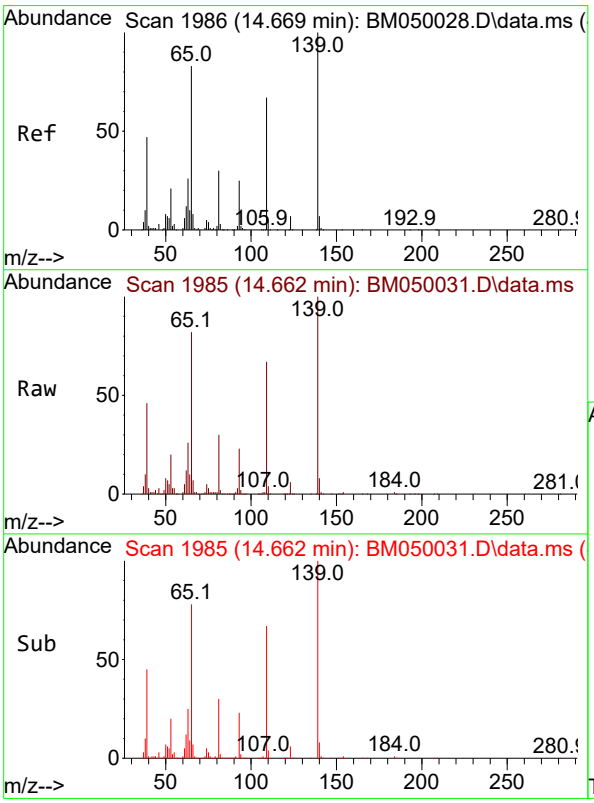
#55
Dibenzofuran
Concen: 78.875 ng
RT: 14.815 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4325783

Ion	Ratio	Lower	Upper
168	100		
139	31.6	26.1	39.1
169	13.5	10.8	16.2

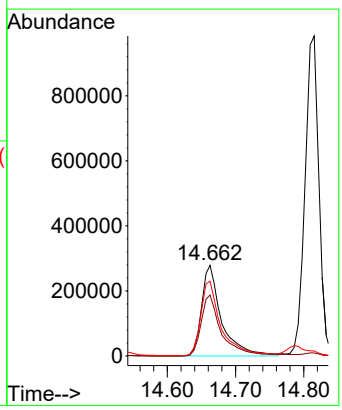


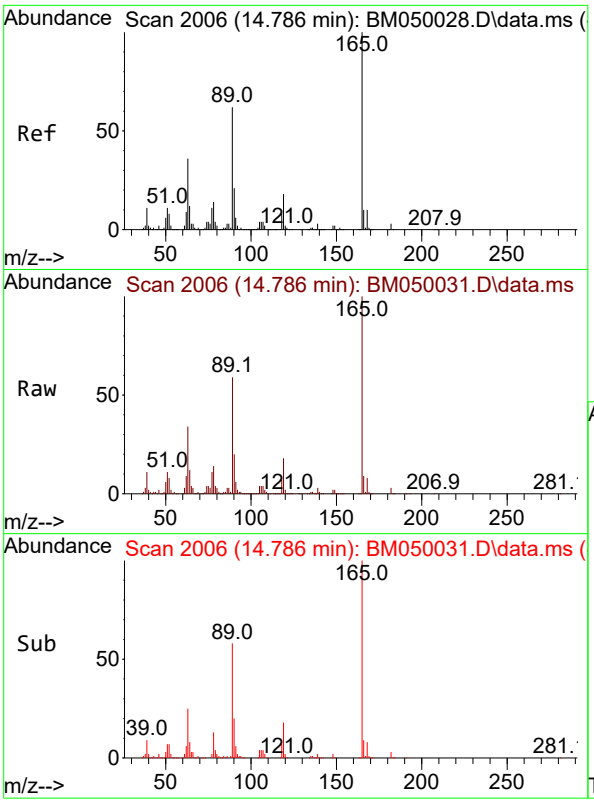


#56
4-Nitrophenol
Concen: 78.710 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:139 Resp: 566943

Ion	Ratio	Lower	Upper
139	100		
109	67.2	47.0	87.0
65	82.5	64.3	104.3



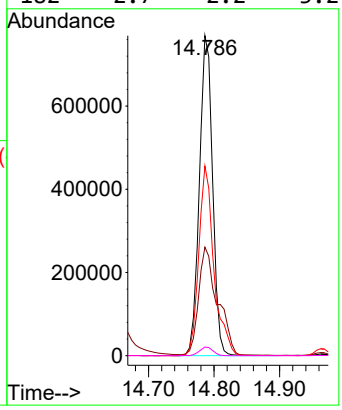


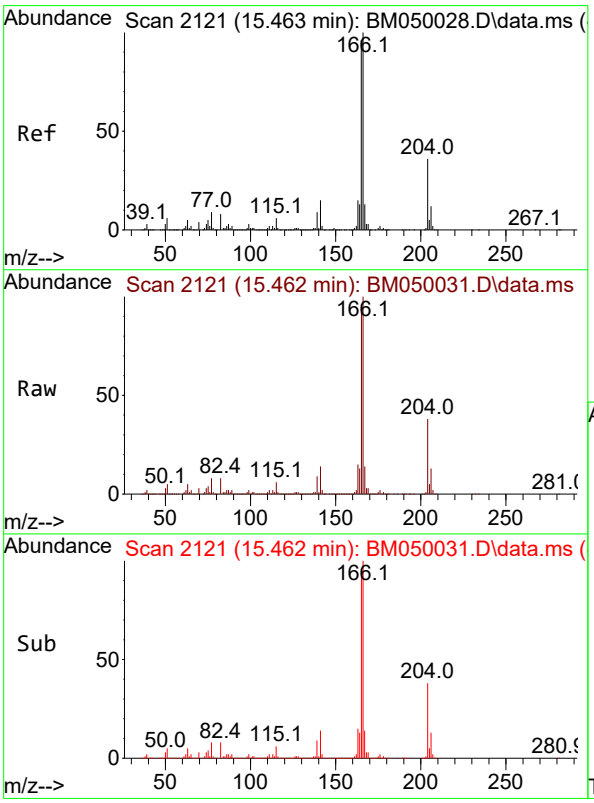
#57
2,4-Dinitrotoluene
Concen: 84.207 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1080118

Ion	Ratio	Lower	Upper
165	100		
63	33.9	29.0	43.6
89	59.2	49.4	74.2
182	2.7	2.2	3.2

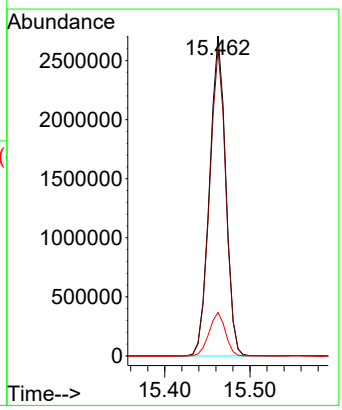


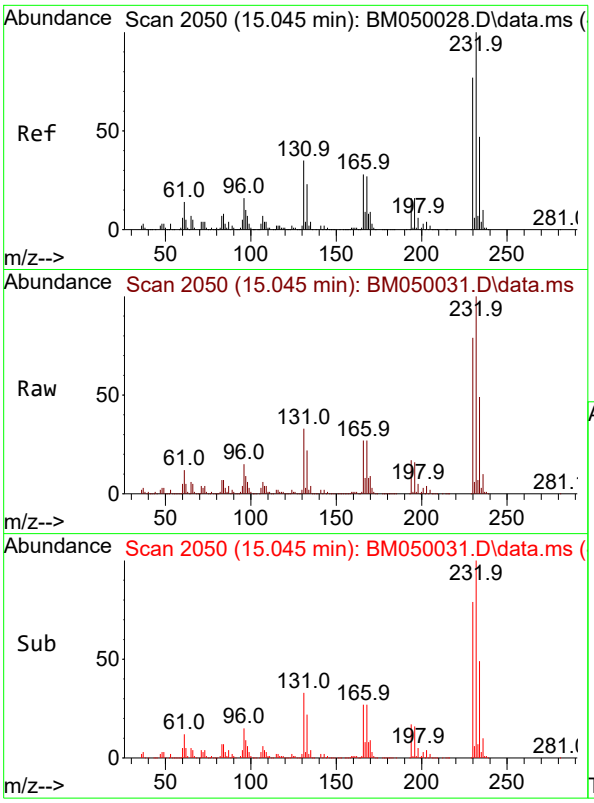


#58
Fluorene
Concen: 79.426 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:166 Resp: 3565506

Ion	Ratio	Lower	Upper
166	100		
165	96.0	76.6	115.0
167	13.6	10.6	16.0



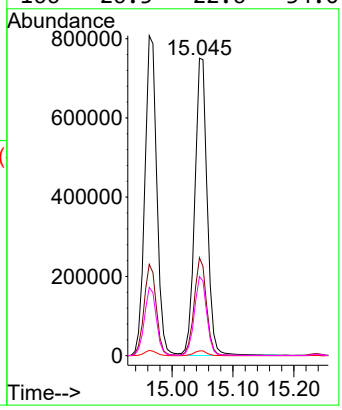


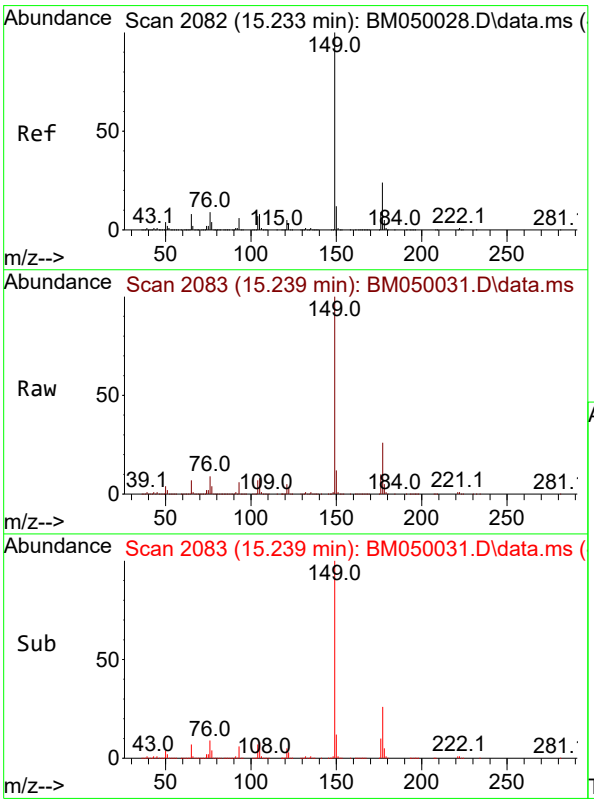
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.123 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 1057707

Ion	Ratio	Lower	Upper
232	100		
131	32.8	28.2	42.4
130	1.7	1.5	2.3
166	26.5	22.6	34.0

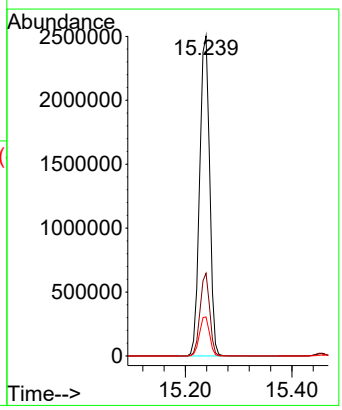


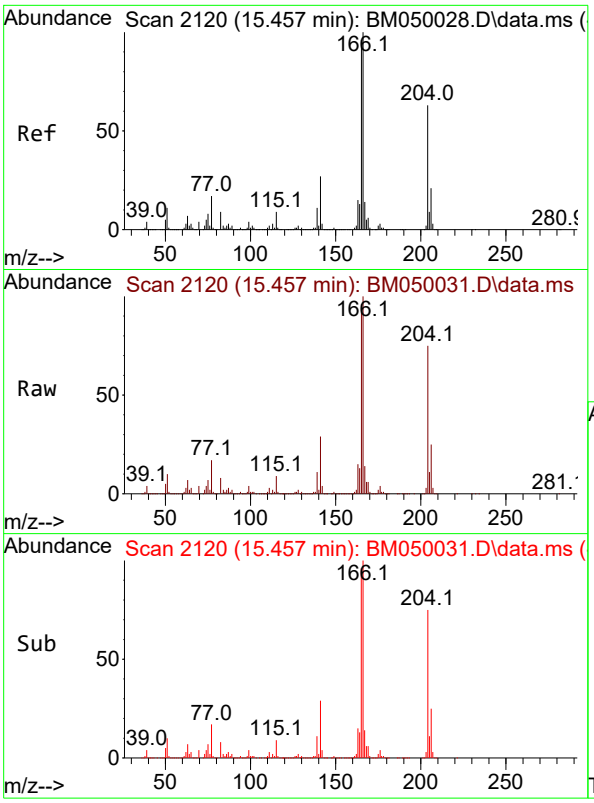


#60
Diethylphthalate
Concen: 77.118 ng
RT: 15.239 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3257954

Ion	Ratio	Lower	Upper
149	100		
177	25.8	19.1	28.7
150	12.2	9.6	14.4



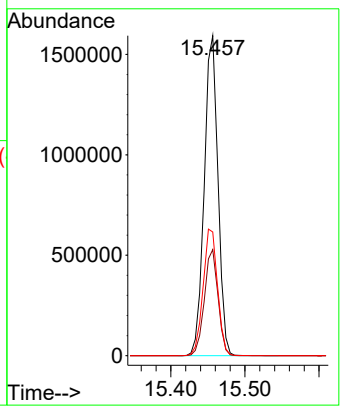


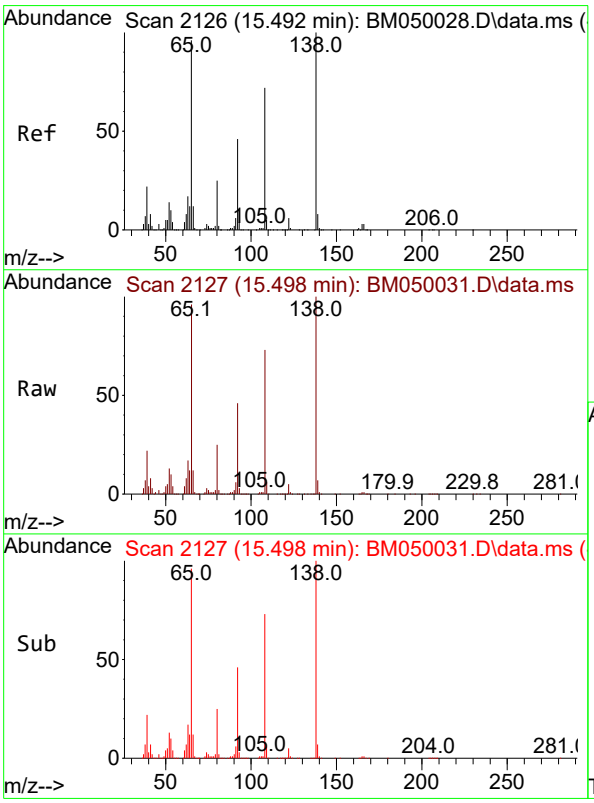
#61
4-Chlorophenyl-phenylether
Concen: 83.186 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 2051105

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	38.7	34.0	51.0

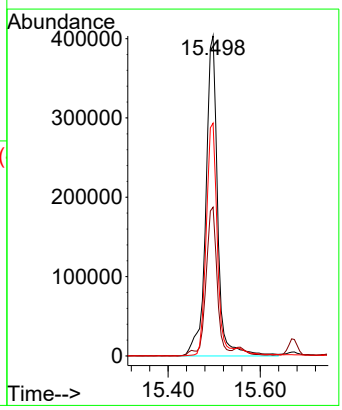


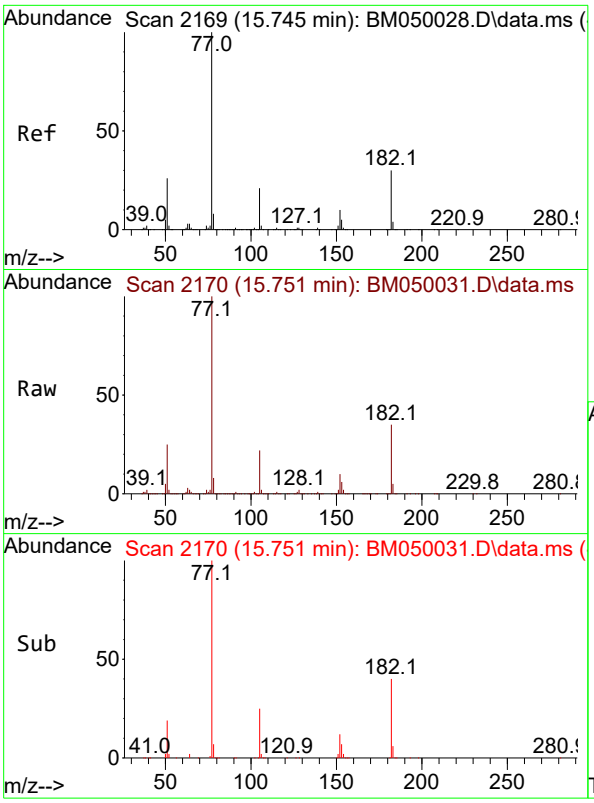


#62
4-Nitroaniline
Concen: 84.678 ng
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:138 Resp: 724549

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	72.8	52.4	92.4



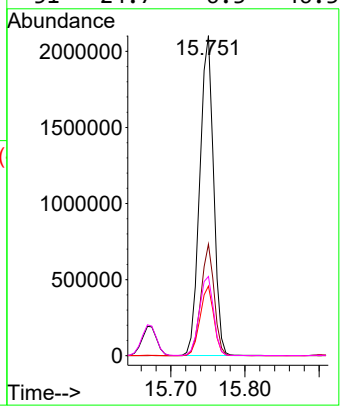


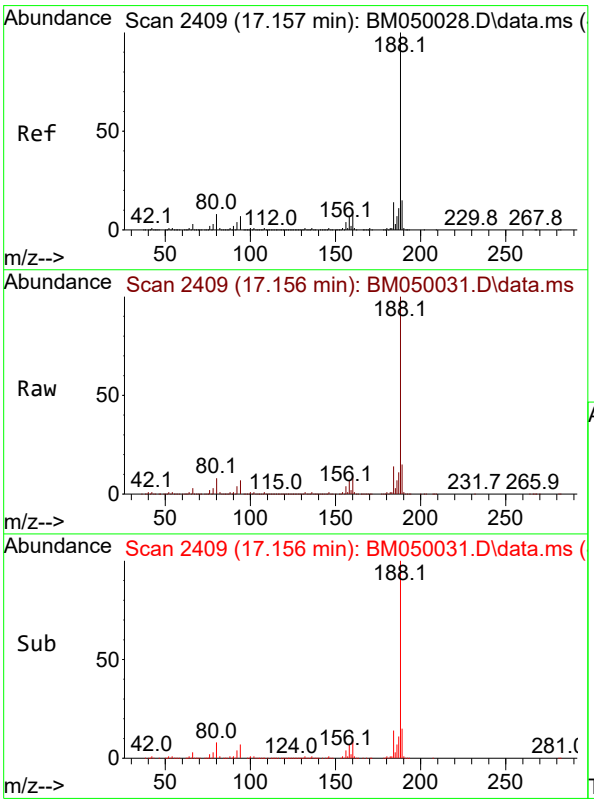
#63
Azobenzene
Concen: 76.914 ng
RT: 15.751 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 2723186

Ion	Ratio	Lower	Upper
77	100		
182	34.9	10.5	50.5
105	21.7	1.1	41.1
51	24.7	6.3	46.3

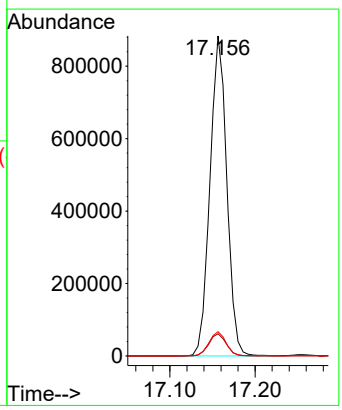


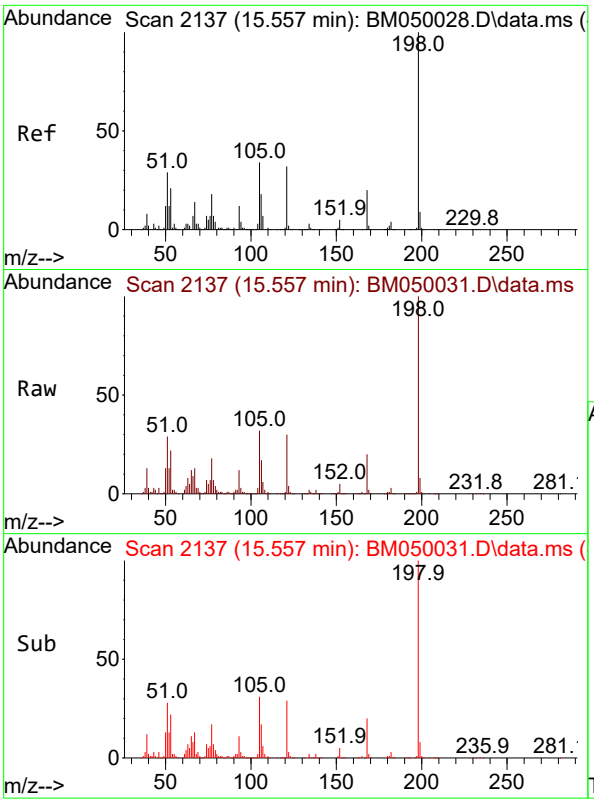


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:188 Resp: 1212251

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



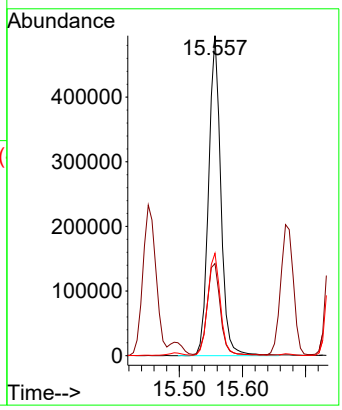


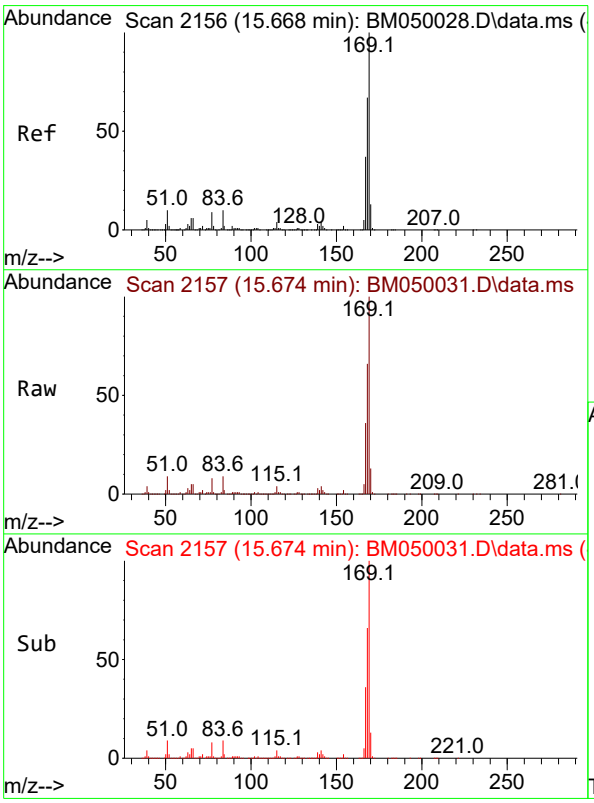
#65
4,6-Dinitro-2-methylphenol
Concen: 87.741 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 665798

Ion	Ratio	Lower	Upper
198	100		
51	28.8	10.4	50.4
105	32.0	14.6	54.6

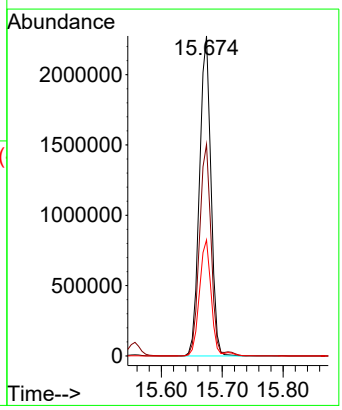


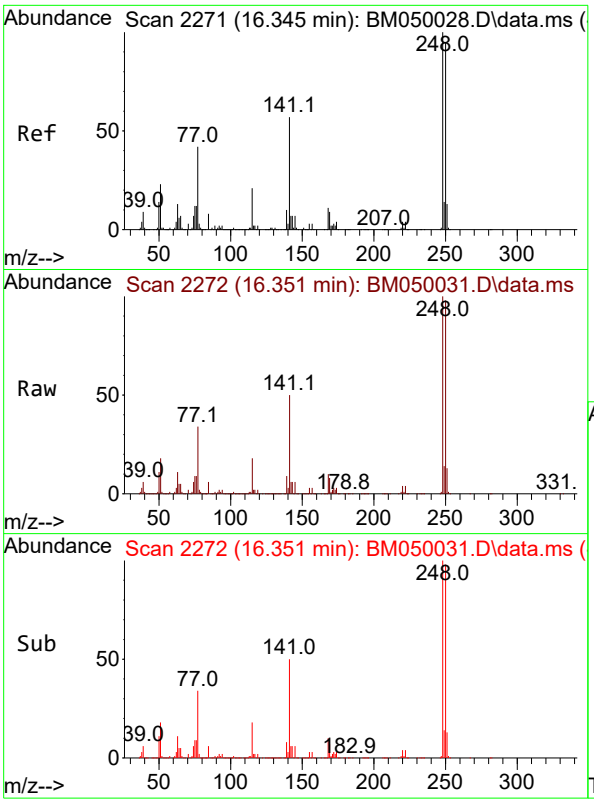


#66
n-Nitrosodiphenylamine
Concen: 79.443 ng
RT: 15.674 min Scan# 2157
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:169 Resp: 2957293

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.4	80.2
167	36.3	29.4	44.0



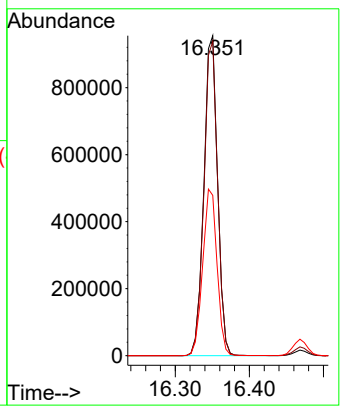


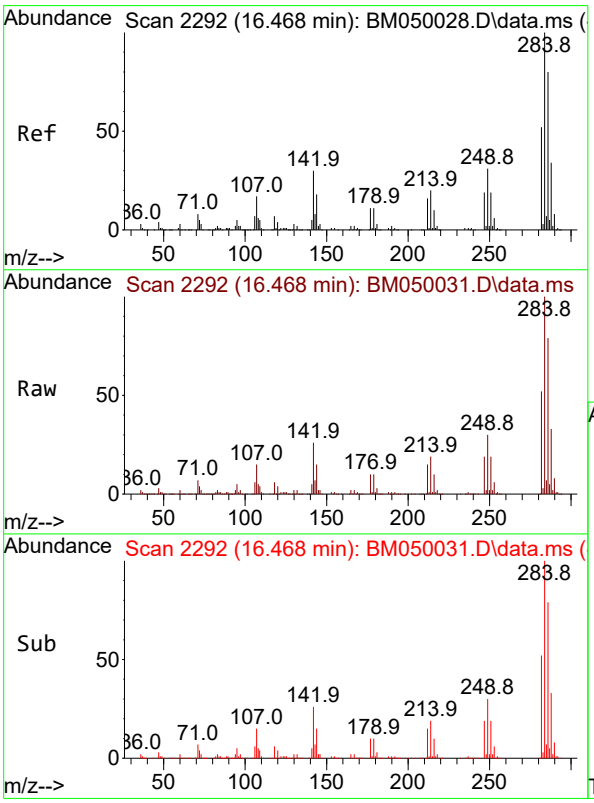
#67
4-Bromophenyl-phenylether
Concen: 83.600 ng
RT: 16.351 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1225531

Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.2	114.2
141	50.1	45.9	68.9

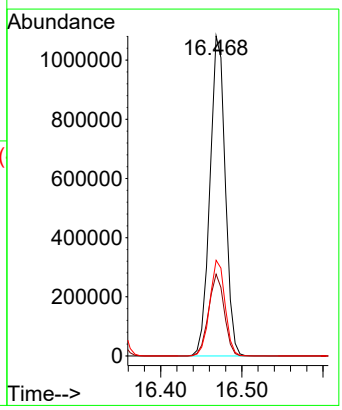


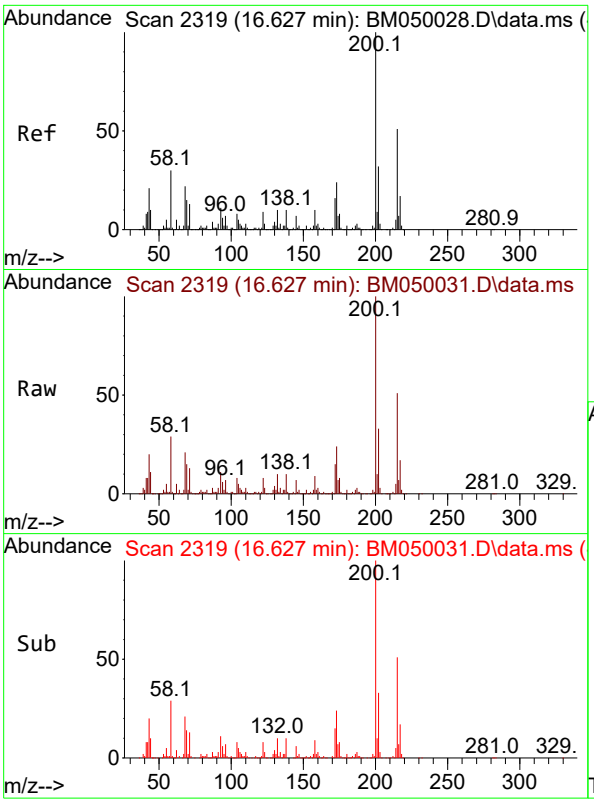


#68
Hexachlorobenzene
Concen: 83.606 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:284 Resp: 1412768

Ion	Ratio	Lower	Upper
284	100		
142	25.5	23.9	35.9
249	29.9	24.5	36.7



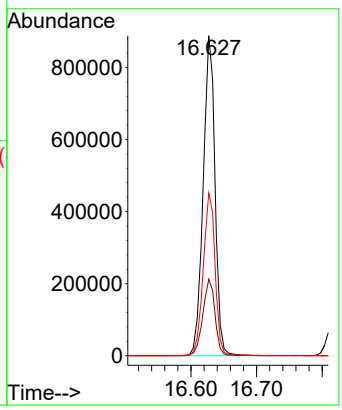


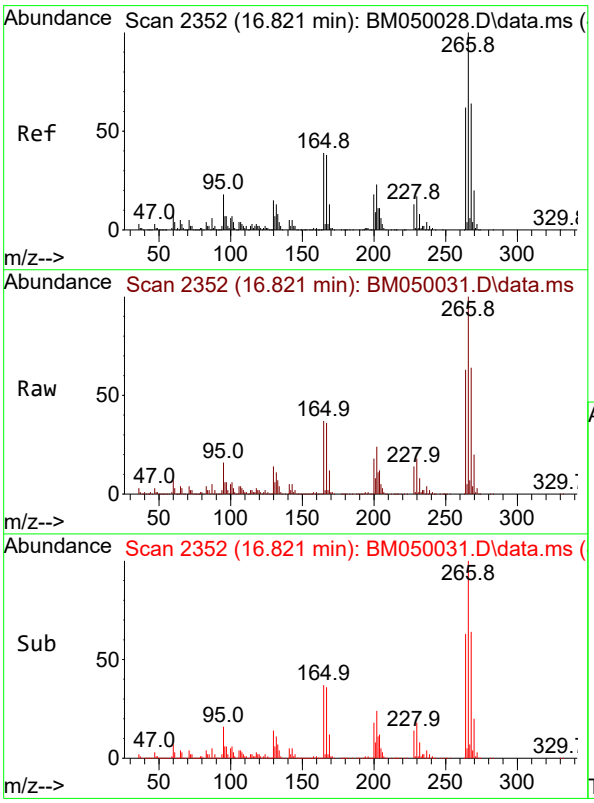
#69
Atrazine
Concen: 83.174 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 1116818

Ion	Ratio	Lower	Upper
200	100		
173	23.9	4.3	44.3
215	50.8	30.6	70.6

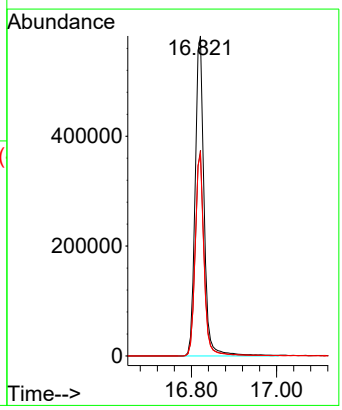


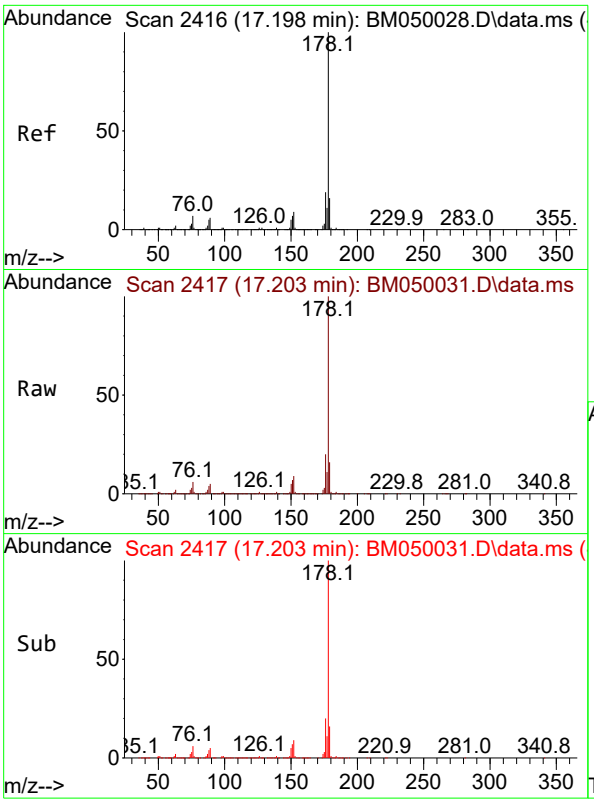


#70
Pentachlorophenol
Concen: 88.648 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:266 Resp: 843195

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	63.1	49.6	74.4



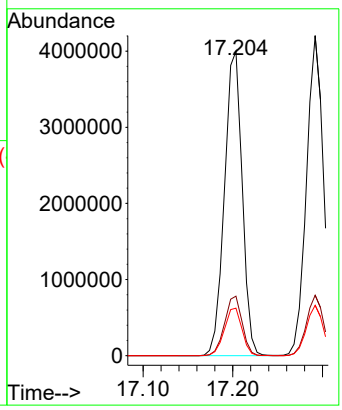


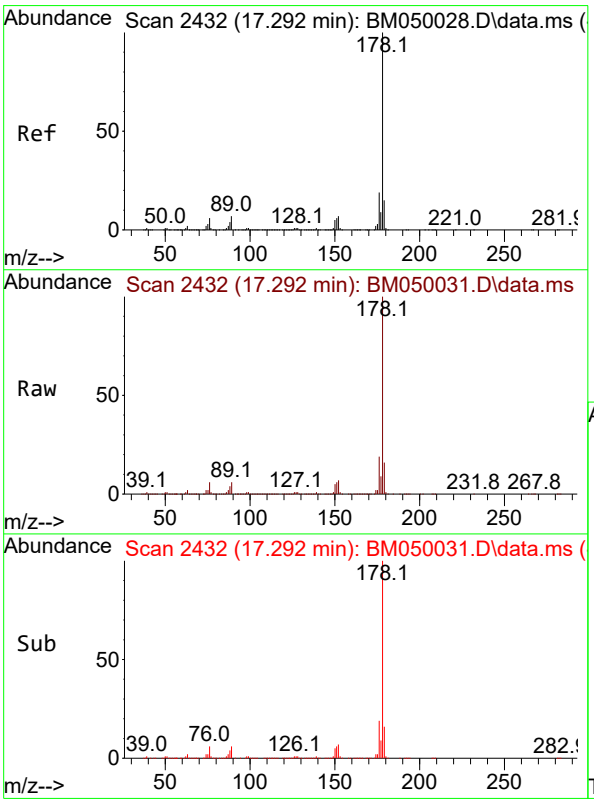
#71
Phenanthrene
Concen: 80.266 ng
RT: 17.203 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5487968

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.4	18.6

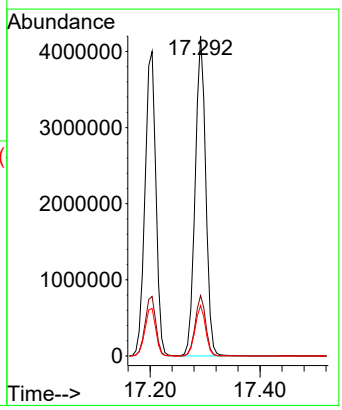


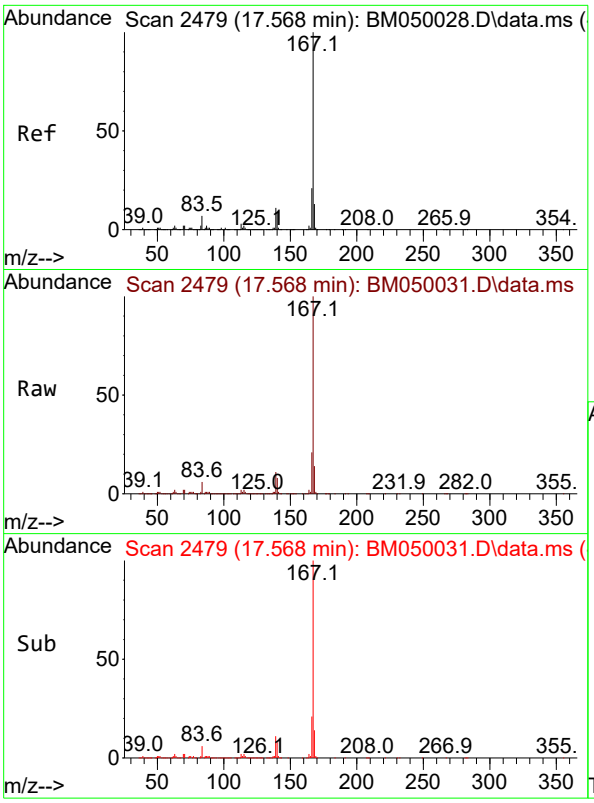


#72
Anthracene
Concen: 80.893 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:178 Resp: 5597195

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.8	12.2	18.4



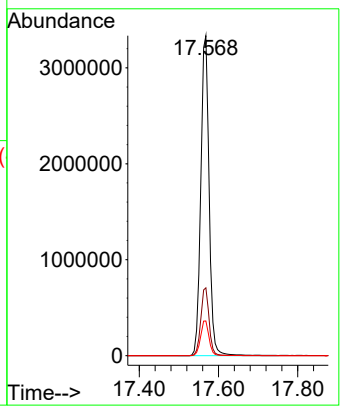


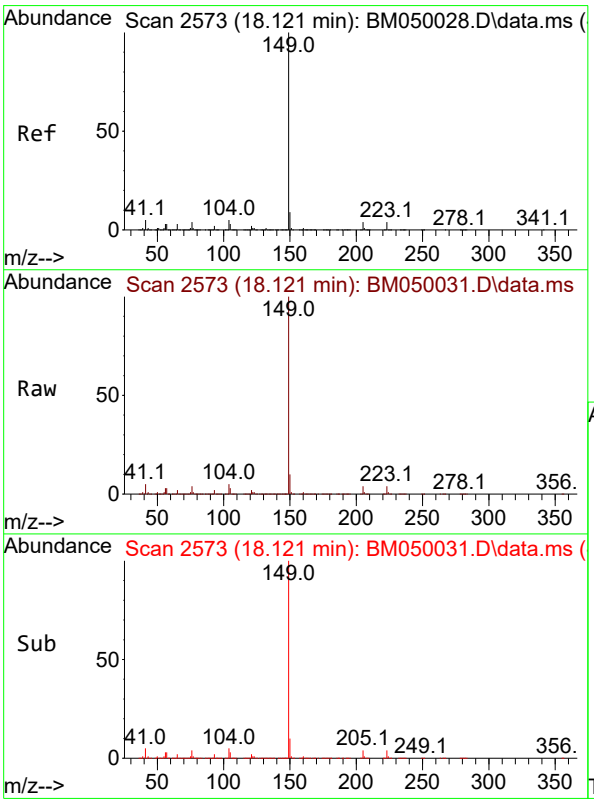
#73
Carbazole
Concen: 80.705 ng
RT: 17.568 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 4845637

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	10.8	9.0	13.6

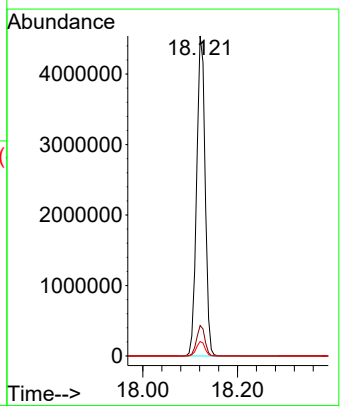


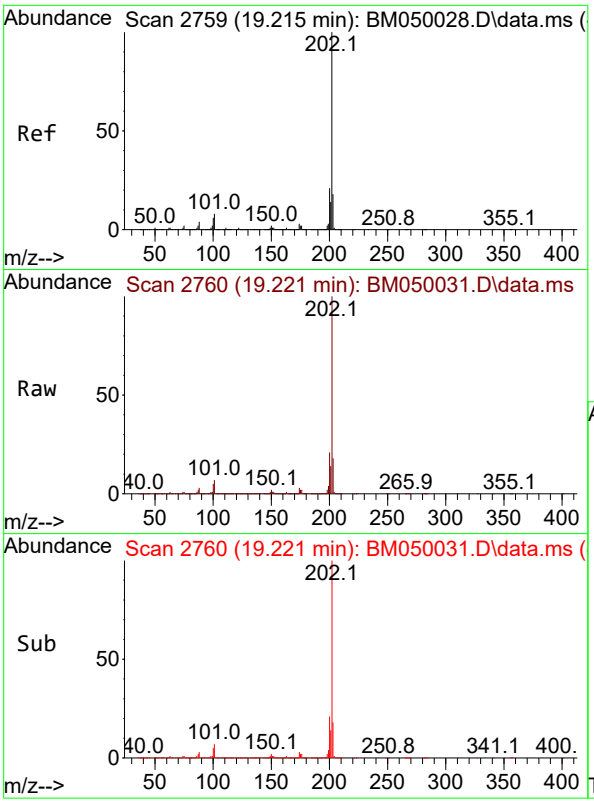


#74
Di-n-butylphthalate
Concen: 79.007 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 5649166

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.5	3.8	5.6



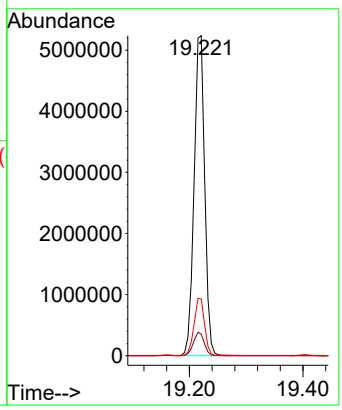


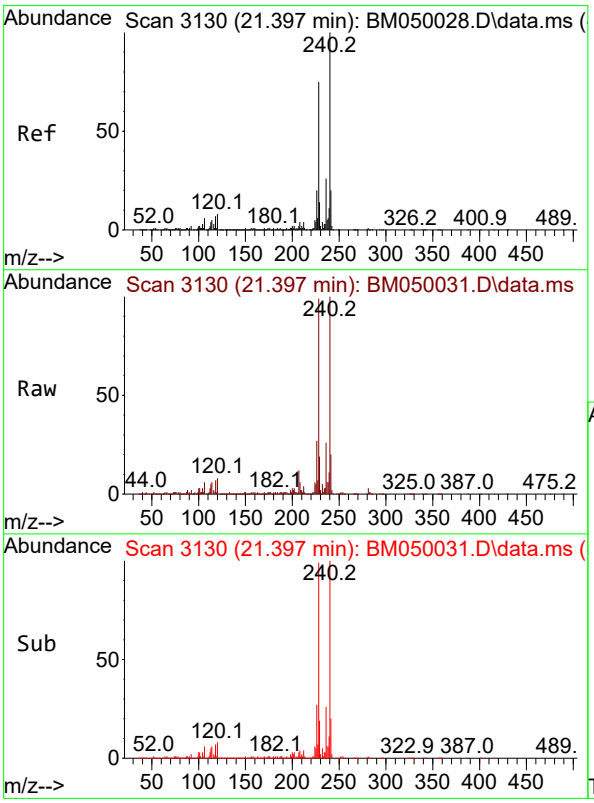
#75
Fluoranthene
Concen: 85.234 ng
RT: 19.221 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6841999

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.0
203	17.7	0.0	37.7

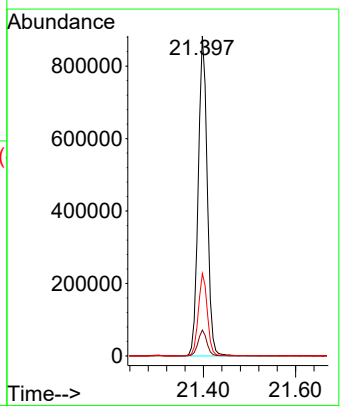


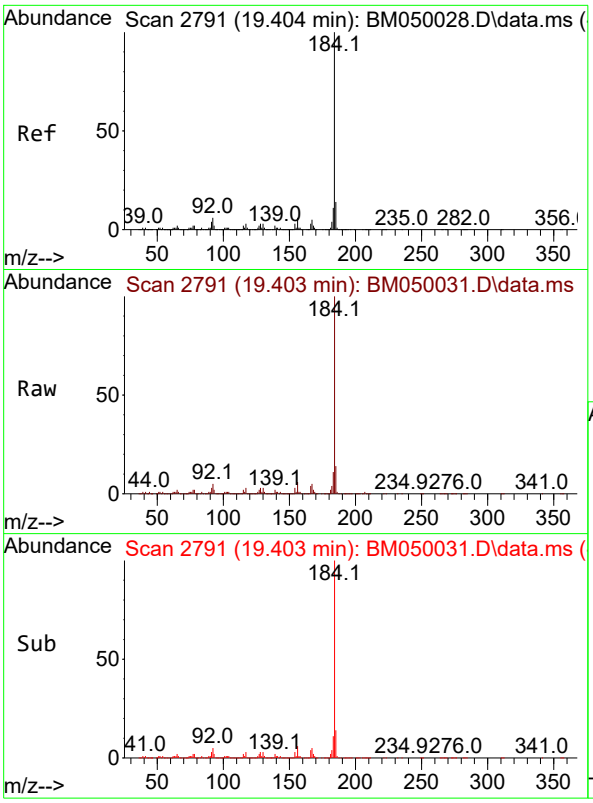


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:240 Resp: 1197780

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.8	20.9	31.3



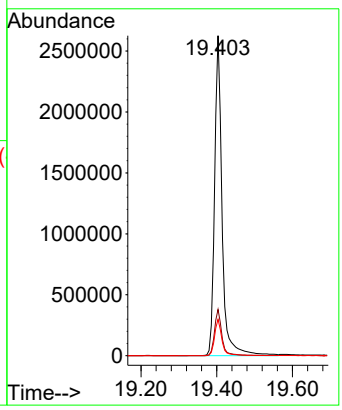


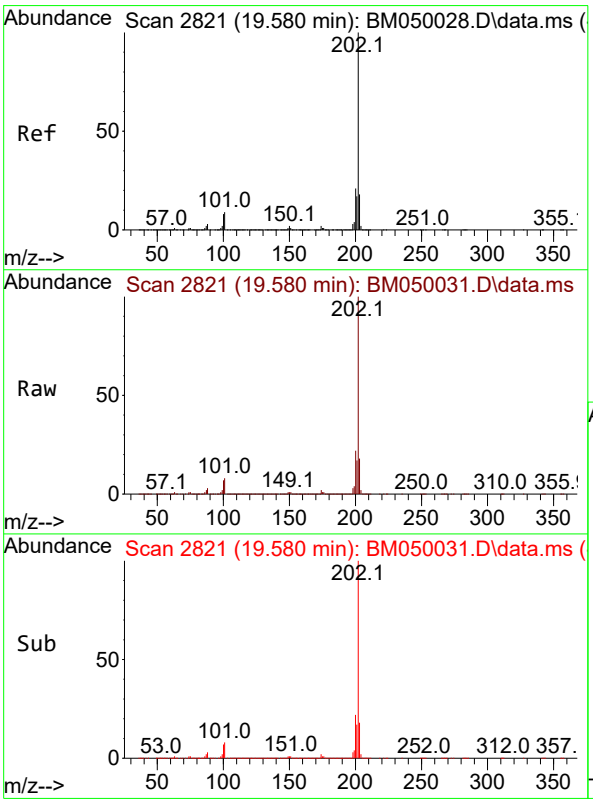
#77
Benzidine
Concen: 84.575 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 3598340

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.5	17.3
183	11.3	8.9	13.3

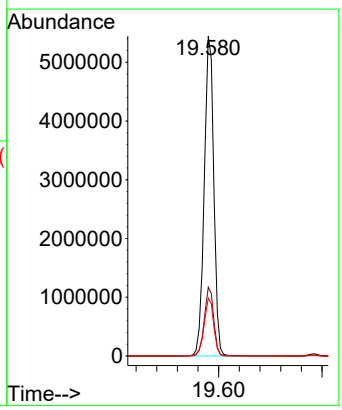


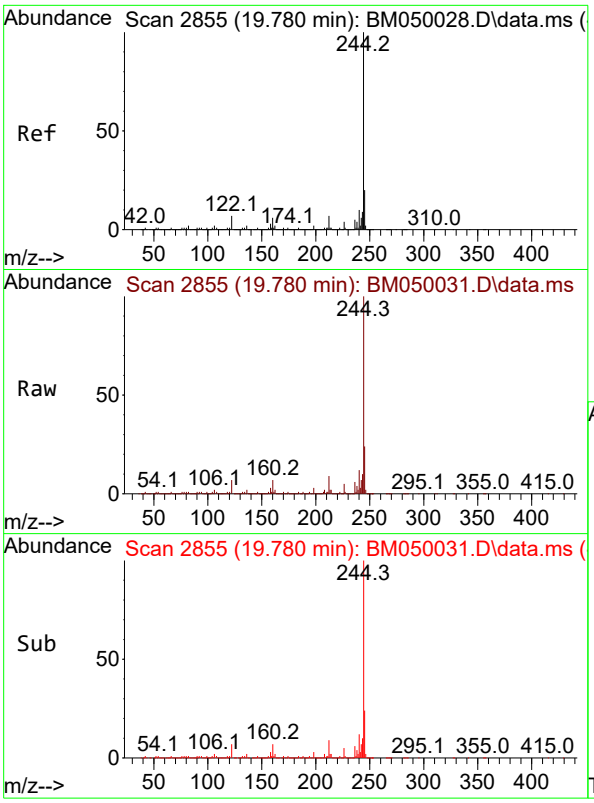


#78
Pyrene
Concen: 82.738 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:202 Resp: 6959279

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.0	14.1	21.1



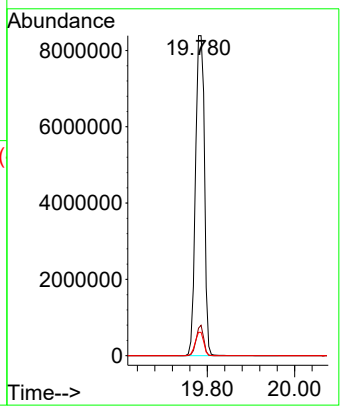


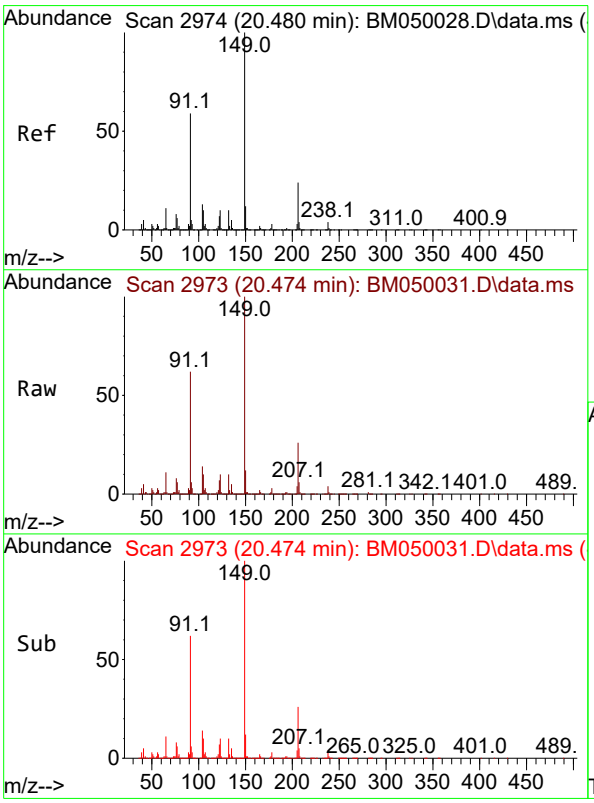
#79
Terphenyl-d14
Concen: 146.730 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp:11877110

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.6	8.4#
122	7.3	5.6	8.4

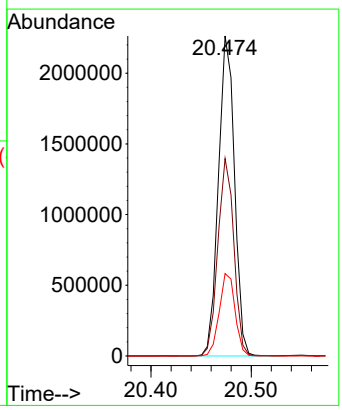


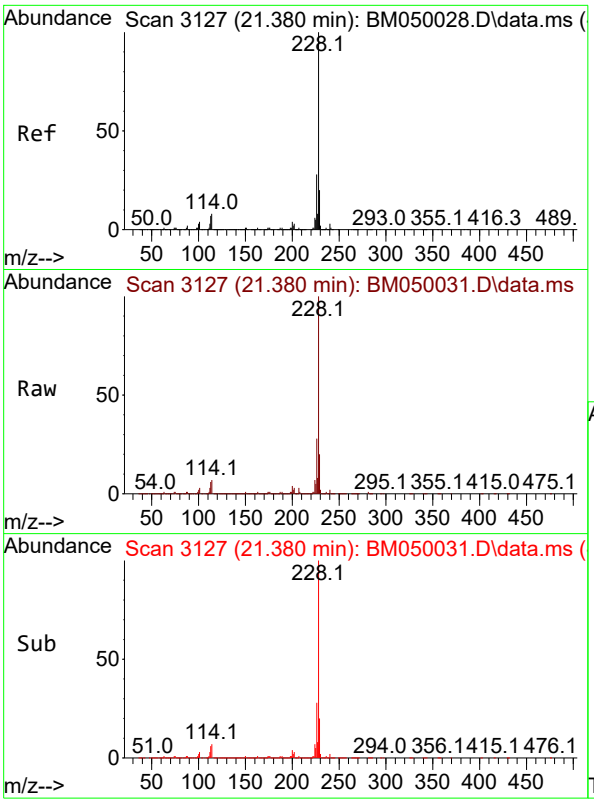


#80
Butylbenzylphthalate
Concen: 79.760 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 2512705

Ion	Ratio	Lower	Upper
149	100		
91	61.7	47.4	71.2
206	25.7	19.4	29.0



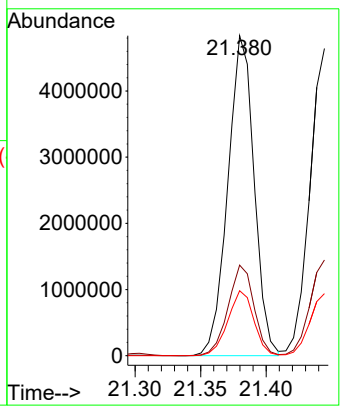


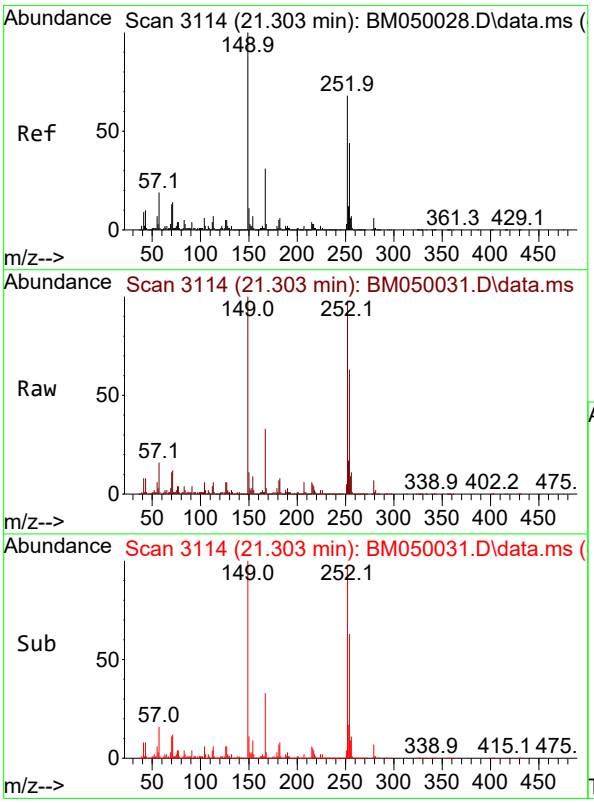
#81
Benzo(a)anthracene
Concen: 81.808 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6747718

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.3	15.7	23.5

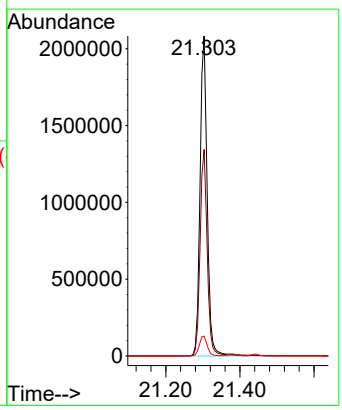


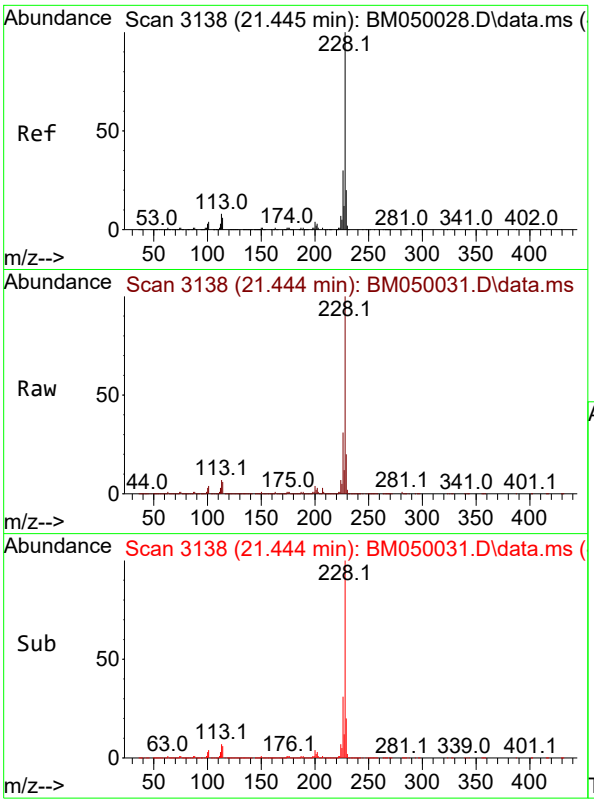


#82
3,3'-Dichlorobenzidine
Concen: 88.111 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 2782107

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.8	77.6
126	6.2	6.0	9.0



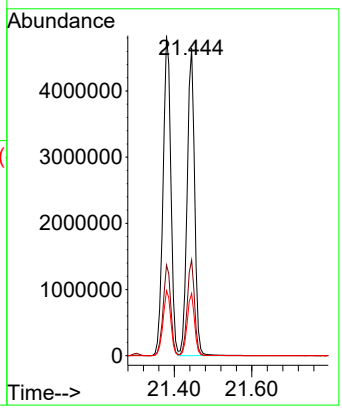


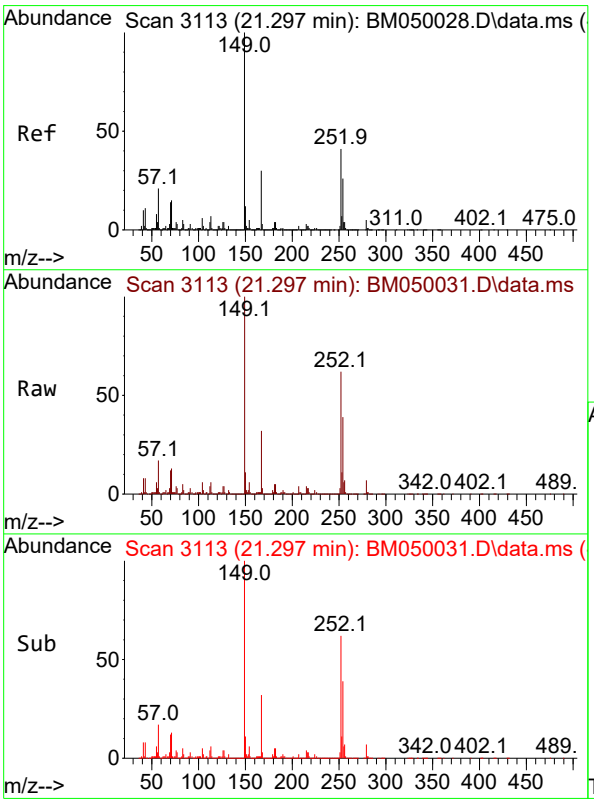
#83
Chrysene
Concen: 81.316 ng
RT: 21.444 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 6207632

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	20.2	15.7	23.5

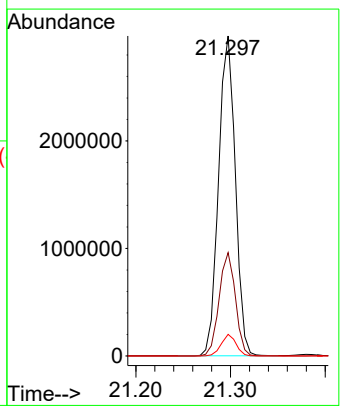


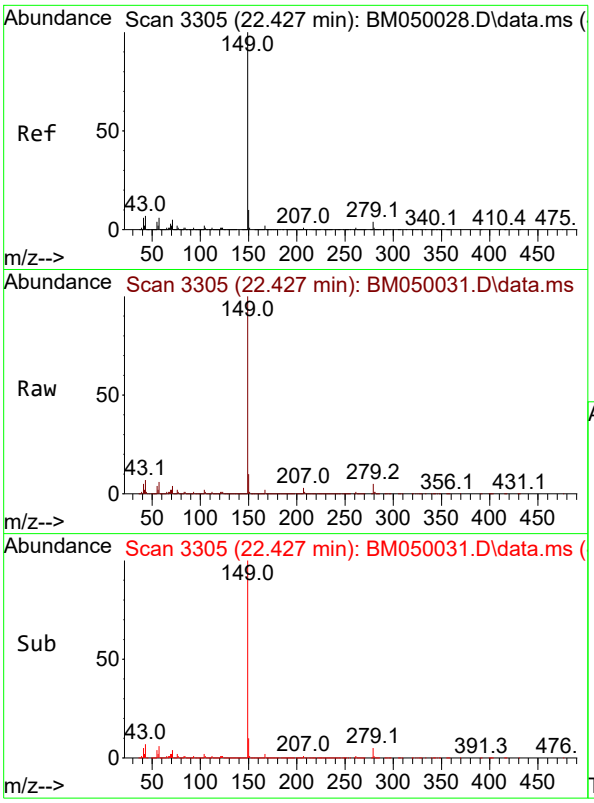


#84
Bis(2-ethylhexyl)phthalate
Concen: 77.905 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:149 Resp: 3665836

Ion	Ratio	Lower	Upper
149	100		
167	32.3	24.1	36.1
279	6.7	3.9	5.9#



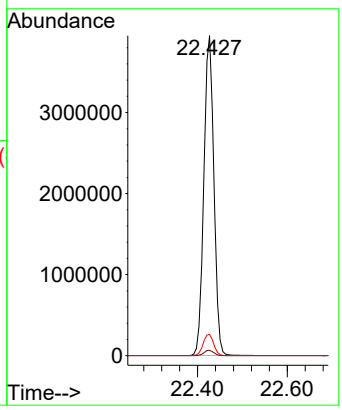


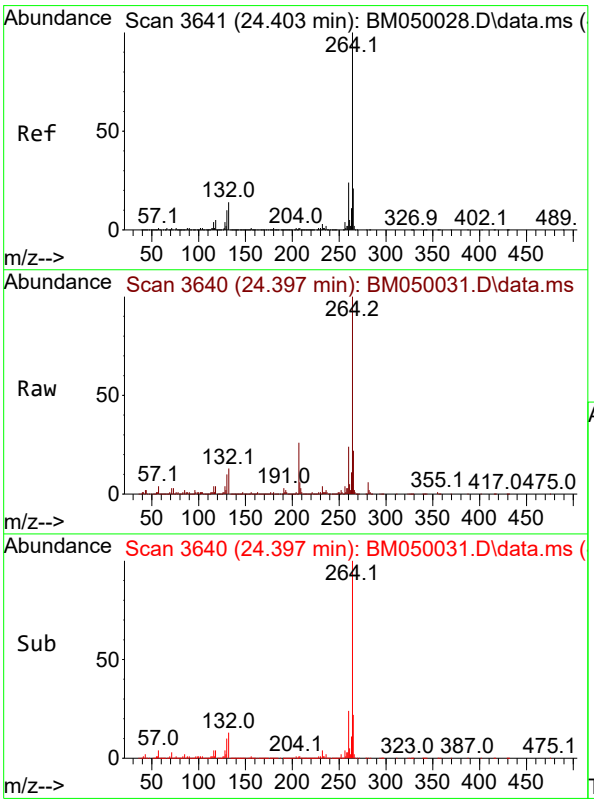
#85
Di-n-octyl phthalate
Concen: 78.732 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6109632

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.0	5.8	8.8

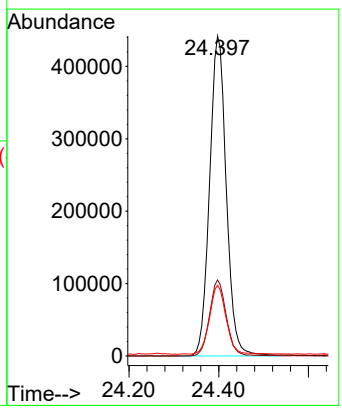


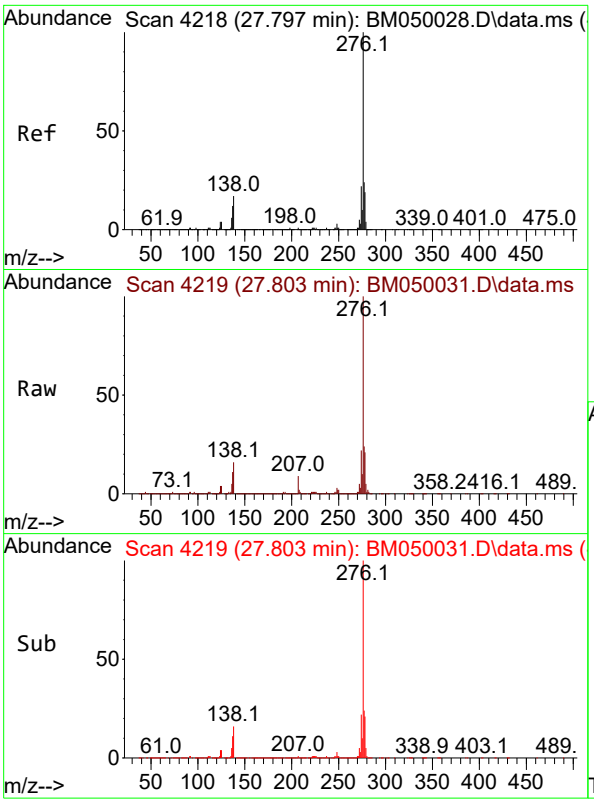


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:264 Resp: 1141905

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.1	17.0	25.4



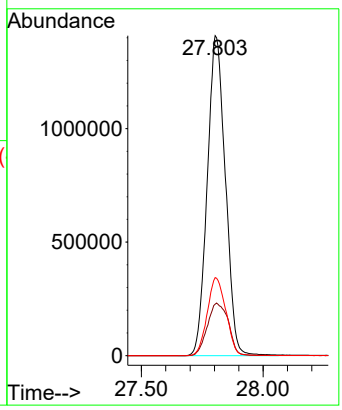


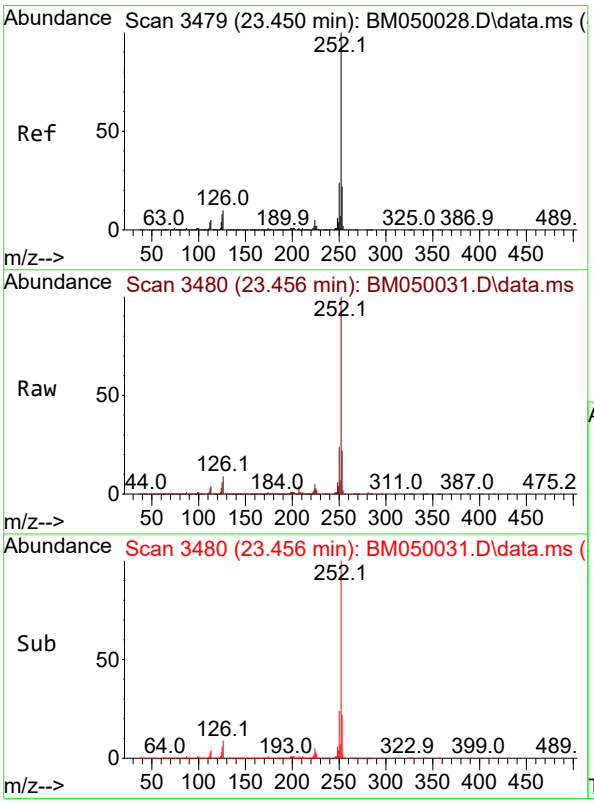
#87
Indeno(1,2,3-cd)pyrene
Concen: 85.629 ng
RT: 27.803 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7285836

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.4	24.6
277	25.1	19.8	29.8

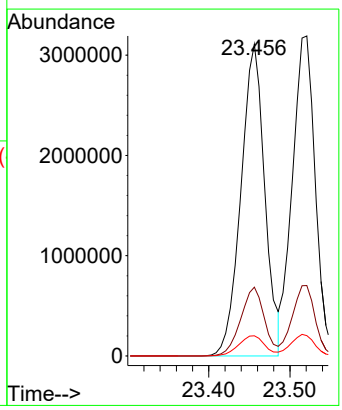


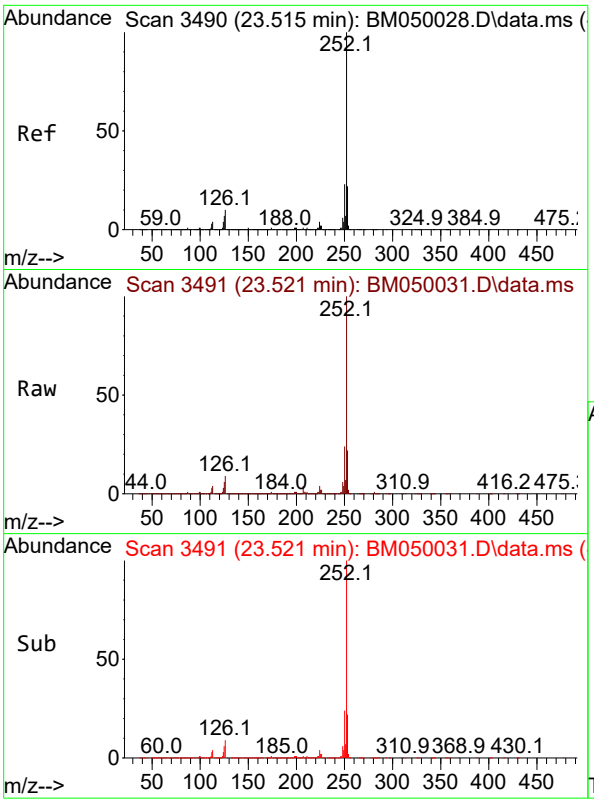


#88
Benzo(b)fluoranthene
Concen: 85.480 ng
RT: 23.456 min Scan# 3480
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 6347901

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	6.5	6.1	9.1



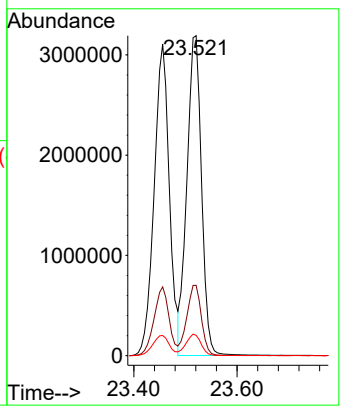


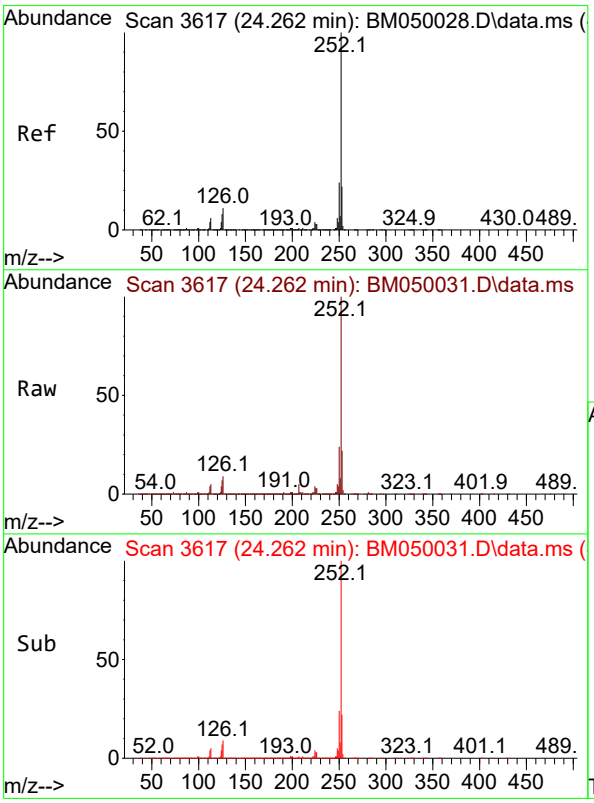
#89
Benzo(k)fluoranthene
Concen: 83.396 ng
RT: 23.521 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6265924

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	6.4	5.8	8.8

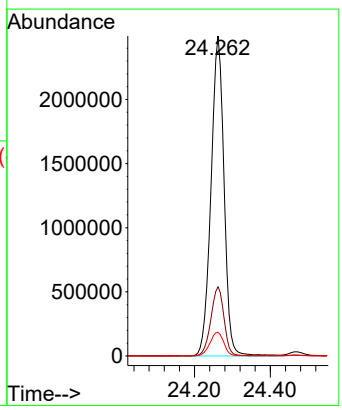


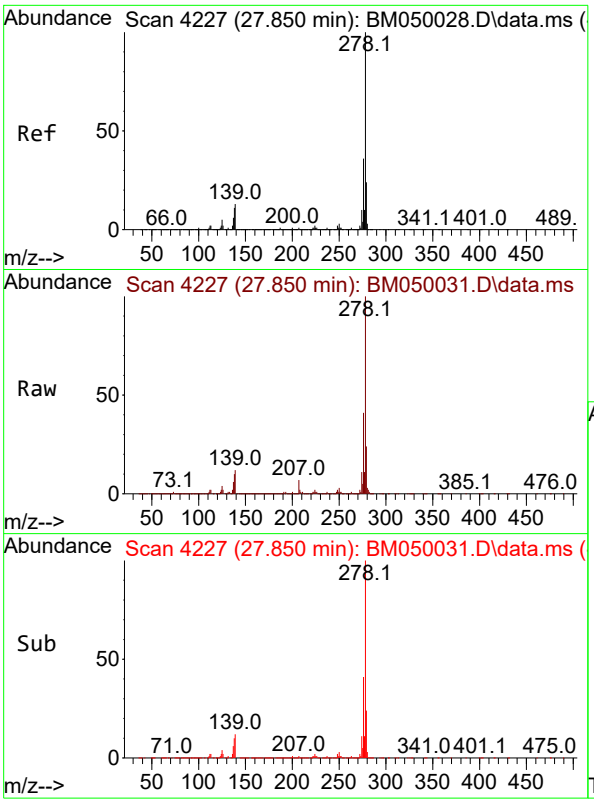


#90
Benzo(a)pyrene
Concen: 85.195 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:252 Resp: 5925652

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.4	6.6	9.8



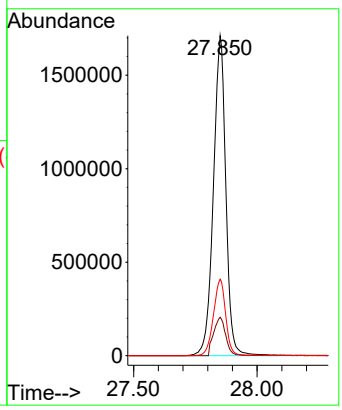


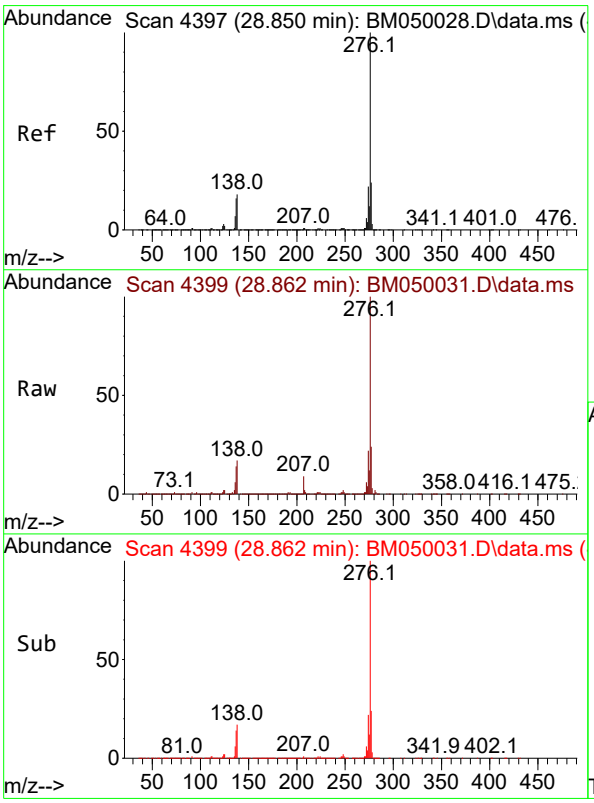
#91
Dibenzo(a,h)anthracene
Concen: 86.239 ng
RT: 27.850 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 5981478

Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.5	15.7
279	23.9	19.4	29.0

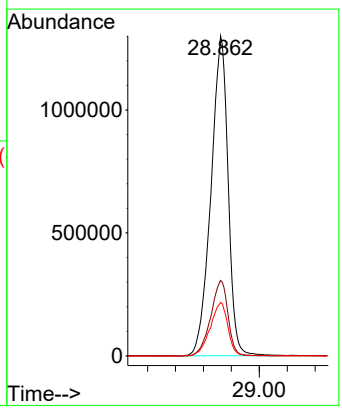




#92
Benzo(g,h,i)perylene
Concen: 83.395 ng
RT: 28.862 min Scan# 4399
Delta R.T. 0.012 min
Lab File: BM050031.D
Acq: 28 Apr 2025 17:04

Tgt Ion:276 Resp: 5537637

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	16.7	14.3	21.5



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	230127	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	877692	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	605832	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1251563	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1285998	20.000	ng	0.00
86) Perylene-d12	24.397	264	1266367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1155553	87.928	ng	0.00
7) Phenol-d6	6.951	99	1488919	90.140	ng	0.00
23) Nitrobenzene-d5	8.928	82	1385703	77.798	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	810732	90.503	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	3905385	76.259	ng	0.00
79) Terphenyl-d14	19.780	244	6863055	78.970	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	253433	44.976	ng	99
3) Pyridine	3.657	79	673723	46.534	ng	98
4) n-Nitrosodimethylamine	3.569	42	260951	45.956	ng	99
6) Aniline	7.098	93	974989	46.744	ng	98
8) 2-Chlorophenol	7.339	128	649705	45.724	ng	99
9) Benzaldehyde	6.910	77	485673m	43.937	ng	
10) Phenol	6.981	94	784469	46.913	ng	98
11) bis(2-Chloroethyl)ether	7.192	93	635601	45.521	ng	98
12) 1,3-Dichlorobenzene	7.657	146	766772	44.672	ng	99
13) 1,4-Dichlorobenzene	7.804	146	774954	44.941	ng	100
14) 1,2-Dichlorobenzene	8.122	146	752460	45.174	ng	100
15) Benzyl Alcohol	8.016	79	551757	48.167	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	762583	44.929	ng	99
17) 2-Methylphenol	8.222	107	519426	47.153	ng	99
18) Hexachloroethane	8.845	117	274239	44.738	ng	99
19) n-Nitroso-di-n-propyla...	8.575	70	507362	47.892	ng	99
20) 3+4-Methylphenols	8.551	107	713683	47.974	ng	97
22) Acetophenone	8.592	105	985275	45.153	ng	100
24) Nitrobenzene	8.969	77	694640	45.104	ng	99
25) Isophorone	9.498	82	1384372	45.596	ng	99
26) 2-Nitrophenol	9.681	139	370477	47.087	ng	99
27) 2,4-Dimethylphenol	9.751	122	605475	46.404	ng	100
28) bis(2-Chloroethoxy)met...	9.975	93	842968	44.920	ng	100
29) 2,4-Dichlorophenol	10.228	162	677885	46.375	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	789816	44.348	ng	100
31) Naphthalene	10.610	128	1984698	44.651	ng	100
32) Benzoic acid	9.916	122	384400	46.063	ng	98
33) 4-Chloroaniline	10.727	127	863111	47.375	ng	99
34) Hexachlorobutadiene	10.898	225	497792	44.034	ng	99
35) Caprolactam	11.522	113	198108	46.481	ng	95
36) 4-Chloro-3-methylphenol	11.869	107	632365	46.825	ng	100
37) 2-Methylnaphthalene	12.227	142	1352170	45.374	ng	100
38) 1-Methylnaphthalene	12.445	142	1425407	45.198	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	925725	44.140	ng	100
41) Hexachlorocyclopentadiene	12.574	237	568717	44.374	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	613142	46.094	ng	97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	663718	46.271	ng	99
46) 1,1'-Biphenyl	13.239	154	1990852	44.207	ng	99
47) 2-Chloronaphthalene	13.286	162	1593769	44.684	ng	100
48) 2-Nitroaniline	13.498	65	398645	47.621	ng	99
49) Acenaphthylene	14.133	152	2548342	45.315	ng	100
50) Dimethylphthalate	13.868	163	2007342	45.338	ng	100
51) 2,6-Dinitrotoluene	13.992	165	435925	47.554	ng	98
52) Acenaphthene	14.474	154	1471672	45.210	ng	100
53) 3-Nitroaniline	14.327	138	427464	48.843	ng	99
54) 2,4-Dinitrophenol	14.545	184	249307	45.189	ng	98
55) Dibenzofuran	14.810	168	2427830	44.828	ng	99
56) 4-Nitrophenol	14.663	139	313065	46.012	ng	99
57) 2,4-Dinitrotoluene	14.786	165	611943	48.311	ng	97
58) Fluorene	15.462	166	2044284	46.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	583198	46.970	ng	98
60) Diethylphthalate	15.233	149	1889827	45.299	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1118837	45.950	ng	99
62) 4-Nitroaniline	15.492	138	427339	50.610	ng	100
63) Azobenzene	15.745	77	1599489	45.747	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	367586	46.920	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1709666	44.485	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	665088	43.944	ng	97
68) Hexachlorobenzene	16.468	284	770651	44.174	ng	98
69) Atrazine	16.627	200	616670	44.483	ng	99
70) Pentachlorophenol	16.821	266	452303	46.059	ng	99
71) Phenanthrene	17.198	178	3169143	44.895	ng	99
72) Anthracene	17.292	178	3241829	45.381	ng	100
73) Carbazole	17.562	167	2851516	46.001	ng	100
74) Di-n-butylphthalate	18.121	149	3370238	45.654	ng	100
75) Fluoranthene	19.215	202	3895046	46.998	ng	100
77) Benzidine	19.403	184	2019202	44.204	ng	100
78) Pyrene	19.580	202	3992384	44.209	ng	100
80) Butylbenzylphthalate	20.474	149	1512498	44.718	ng	96
81) Benzo(a)anthracene	21.380	228	4029064	45.497	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1487254	43.871	ng	98
83) Chrysene	21.439	228	3685603	44.967	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	2284769	45.224	ng	99
85) Di-n-octyl phthalate	22.427	149	3747091	44.974	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4364032	46.249	ng	99
88) Benzo(b)fluoranthene	23.450	252	3711451	45.066	ng	100
89) Benzo(k)fluoranthene	23.515	252	3813739	45.780	ng	100
90) Benzo(a)pyrene	24.262	252	3515582	45.577	ng	100
91) Dibenzo(a,h)anthracene	27.838	278	3545295	46.091	ng	100
92) Benzo(g,h,i)perylene	28.850	276	3345997	45.437	ng	100

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

ICAL Form

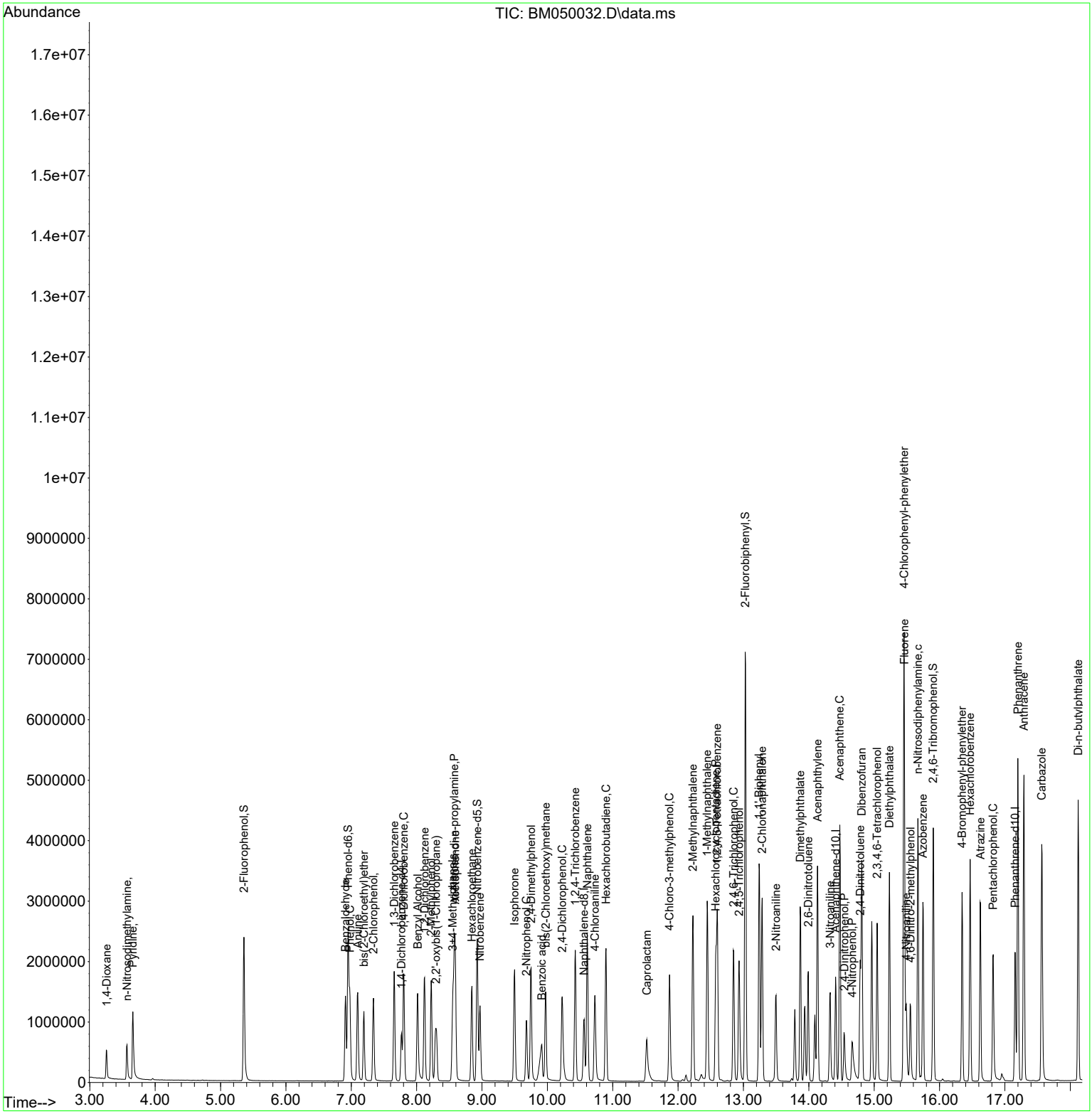
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Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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



ICAL Form

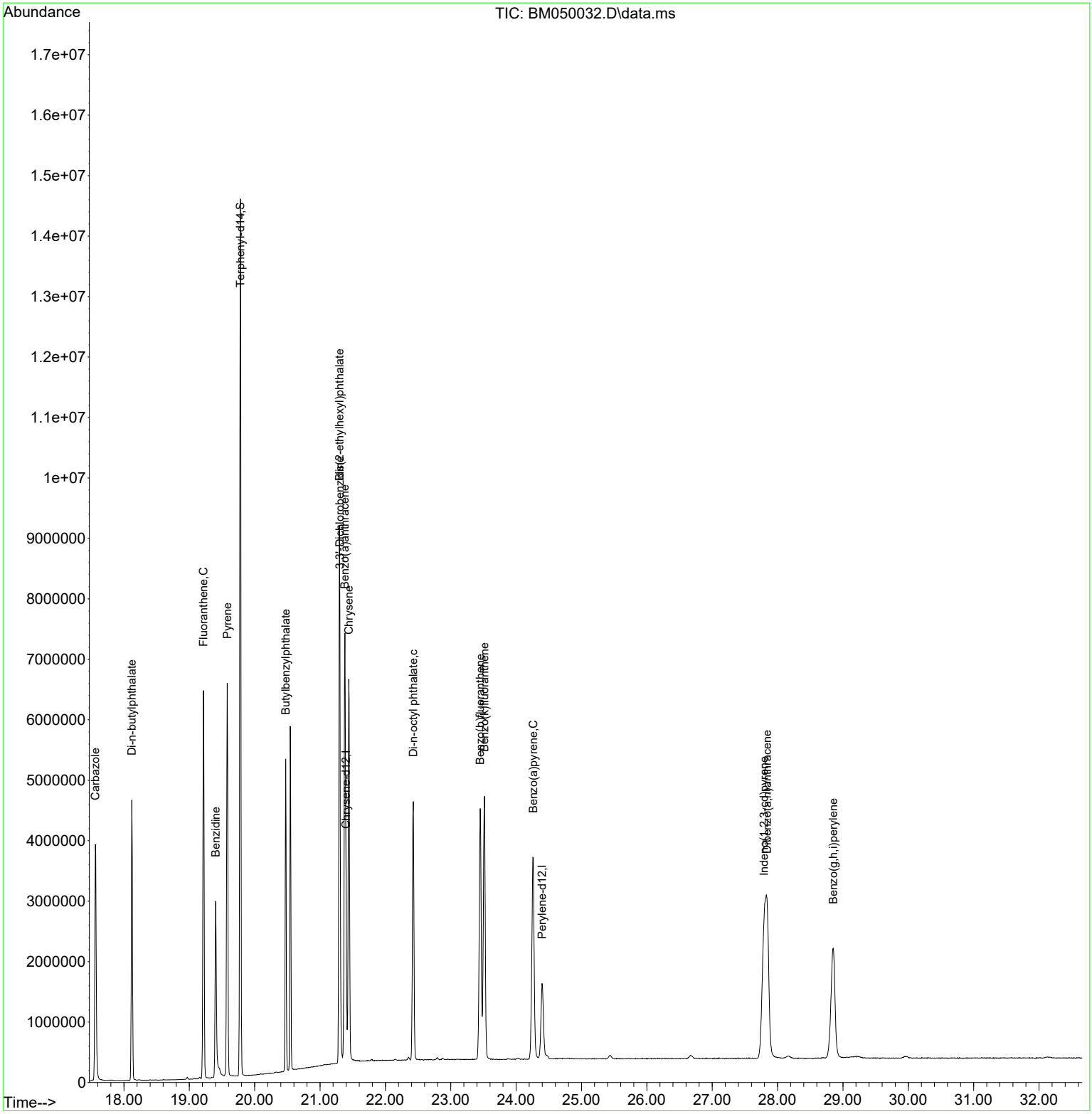
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Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

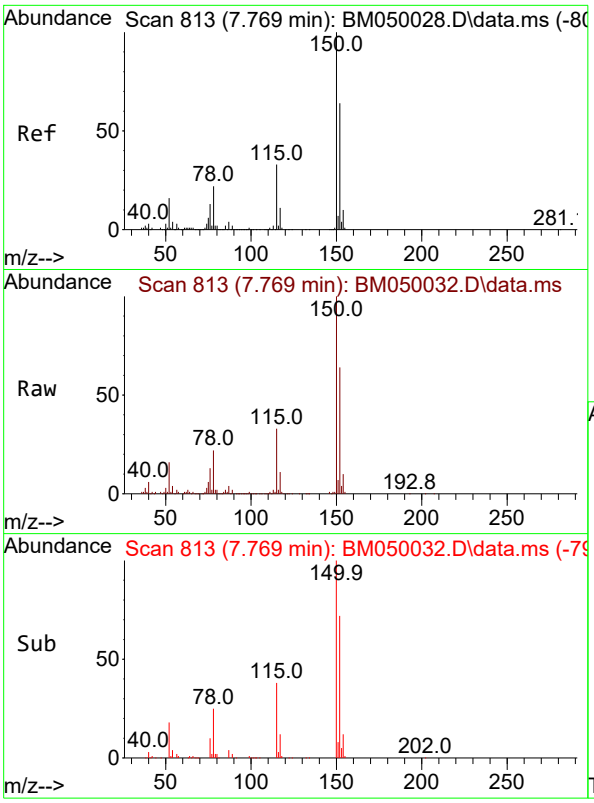
Quant Time: Apr 28 18:14:31 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations APPROVED

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

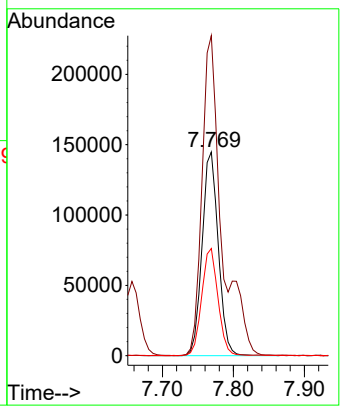




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 23012

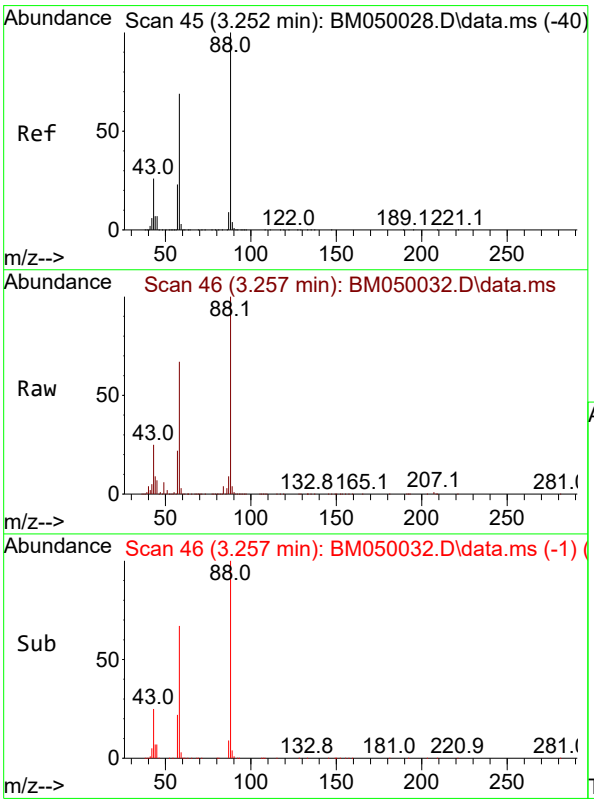
Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	52.6	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

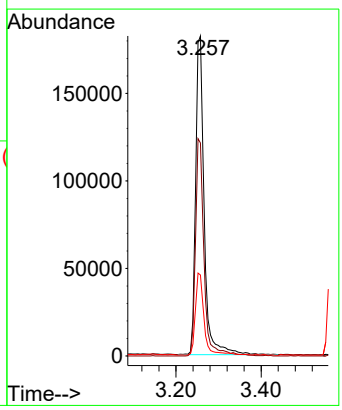
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

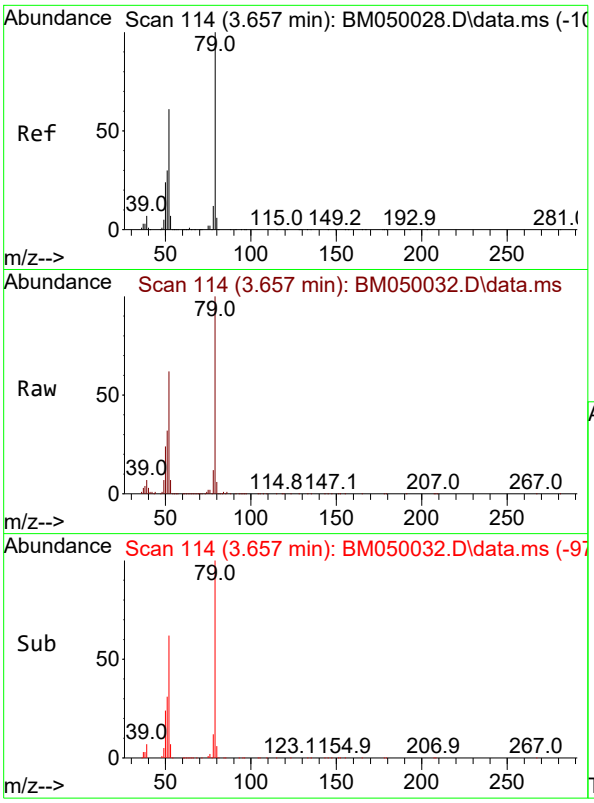


#2
1,4-Dioxane
Concen: 44.976 ng
RT: 3.257 min Scan# 46
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 88 Resp: 253433

Ion	Ratio	Lower	Upper
88	100		
58	67.9	55.1	82.7
43	25.9	20.9	31.3

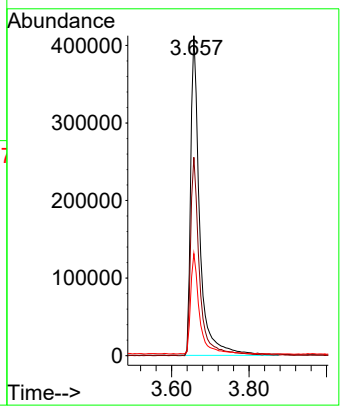




#3
Pyridine
Concen: 46.534 ng
RT: 3.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 79 Resp: 67372

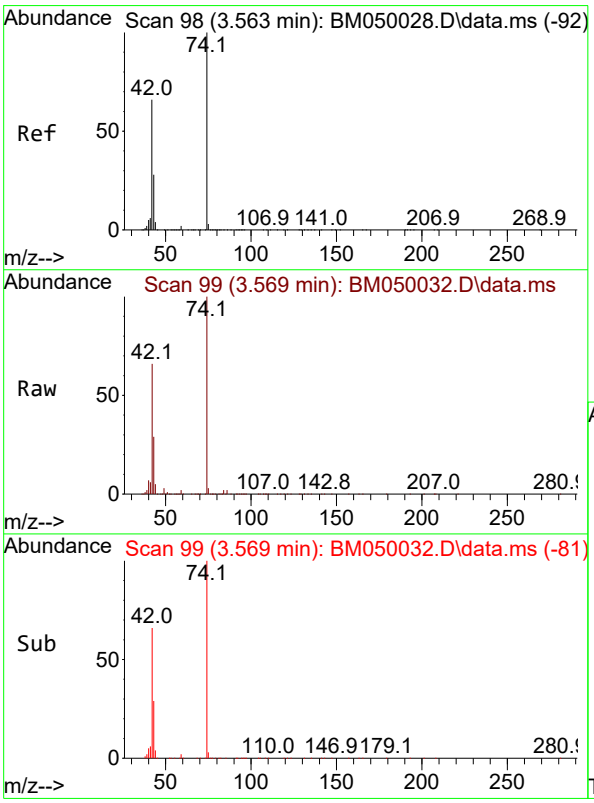
Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.6	72.8
51	31.9	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

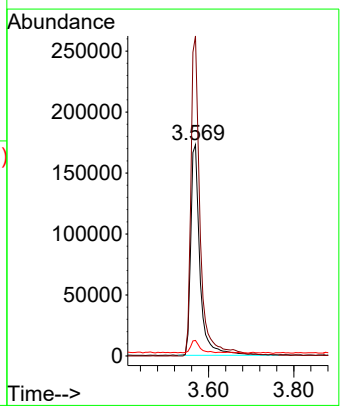
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

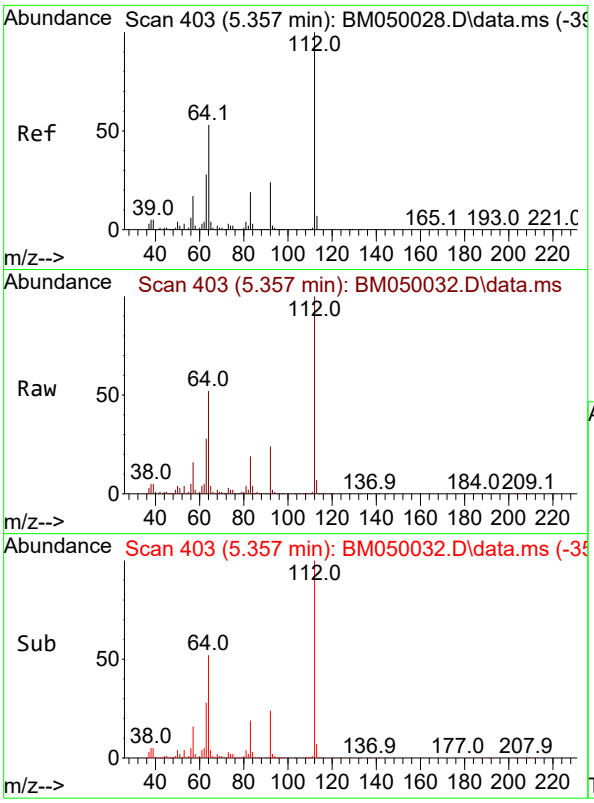


#4
n-Nitrosodimethylamine
Concen: 45.956 ng
RT: 3.569 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 42 Resp: 260951

Ion	Ratio	Lower	Upper
42	100		
74	151.5	120.2	180.2
44	7.3	6.2	9.2





#5
2-Fluorophenol
Concen: 87.928 ng
RT: 5.357 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

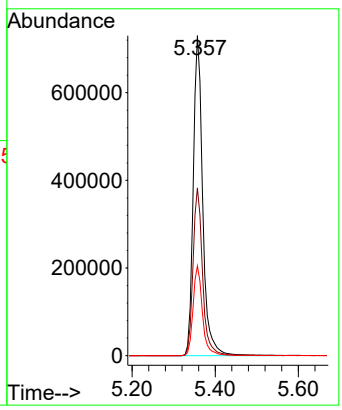
Tgt Ion:112 Resp: 115555

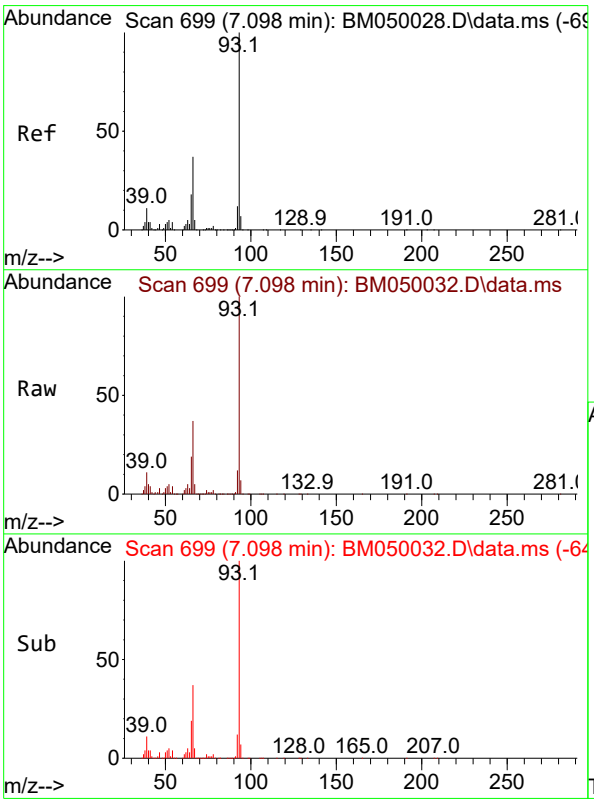
Ion	Ratio	Lower	Upper
112	100		
64	52.4	42.6	64.0
63	28.0	22.2	33.4

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

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

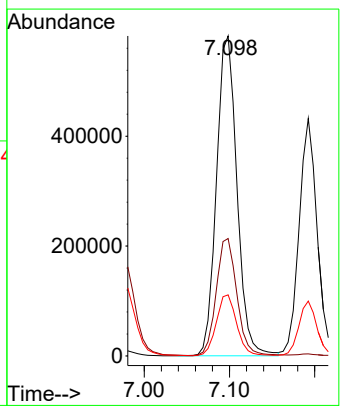


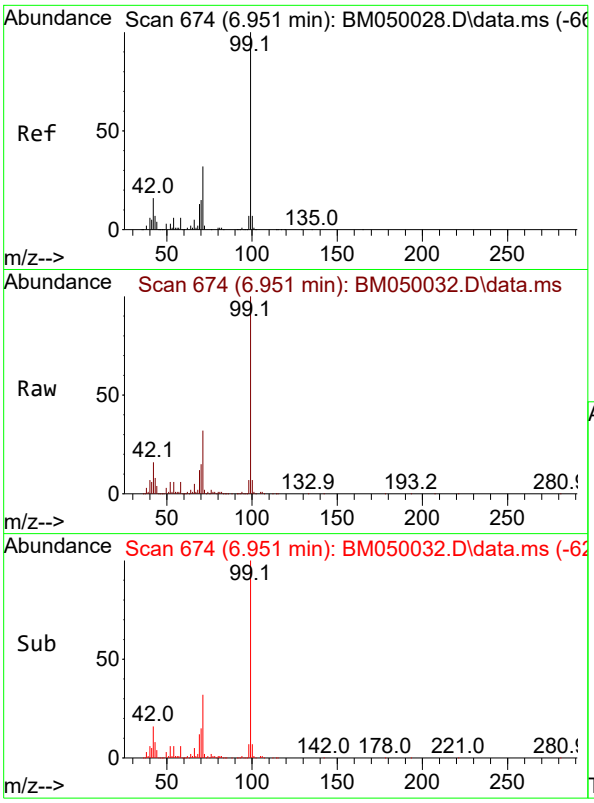


#6
Aniline
Concen: 46.744 ng
RT: 7.098 min Scan# 699
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 974989

Ion	Ratio	Lower	Upper
93	100		
66	36.7	29.9	44.9
65	19.1	14.5	21.7

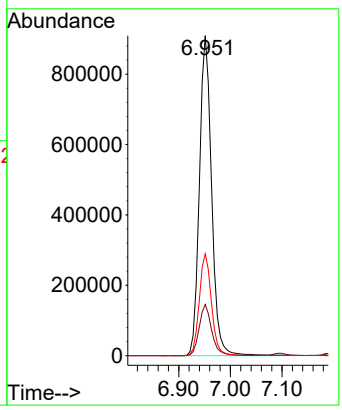




#7
Phenol-d6
Concen: 90.140 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 99 Resp: 148891

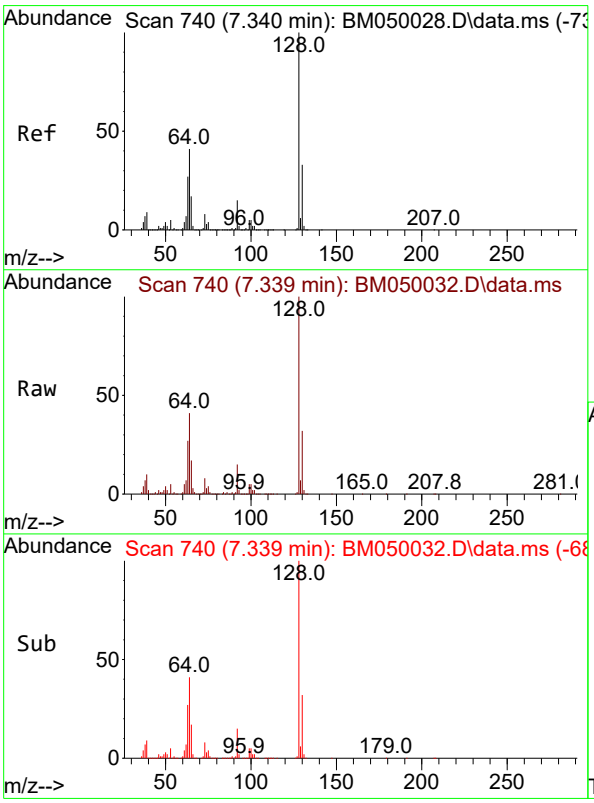
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.9	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

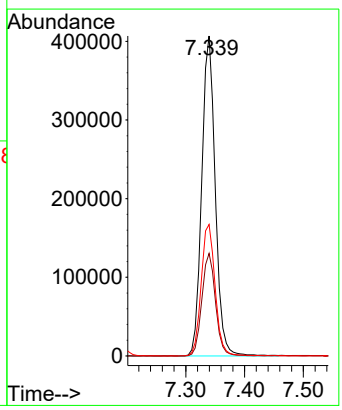
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

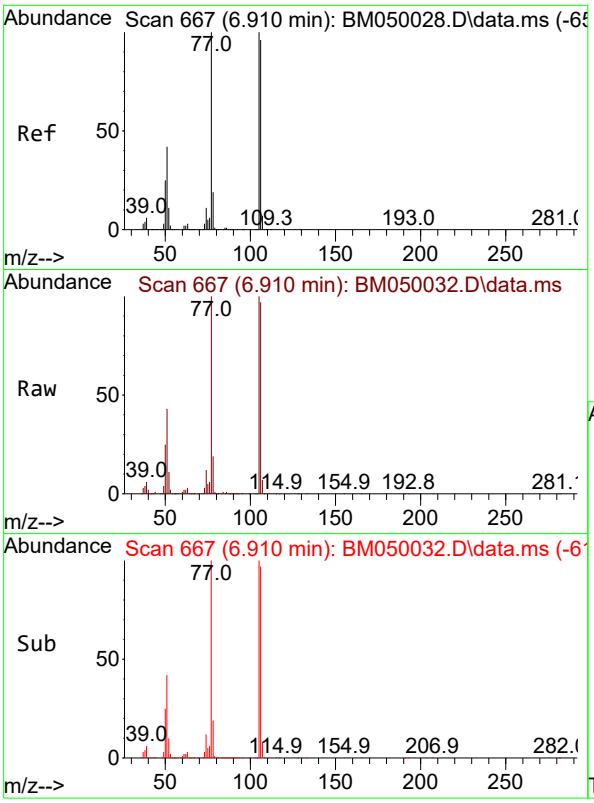


#8
2-Chlorophenol
Concen: 45.724 ng
RT: 7.339 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 649705

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	41.1	21.2	61.2

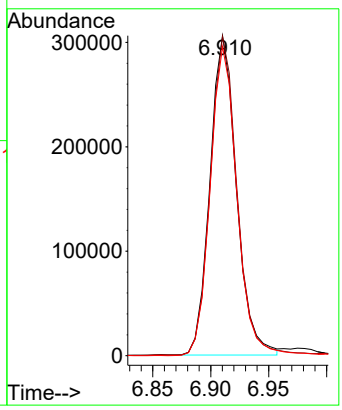




#9
Benzaldehyde
Concen: 43.937 ng m
RT: 6.910 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 48567

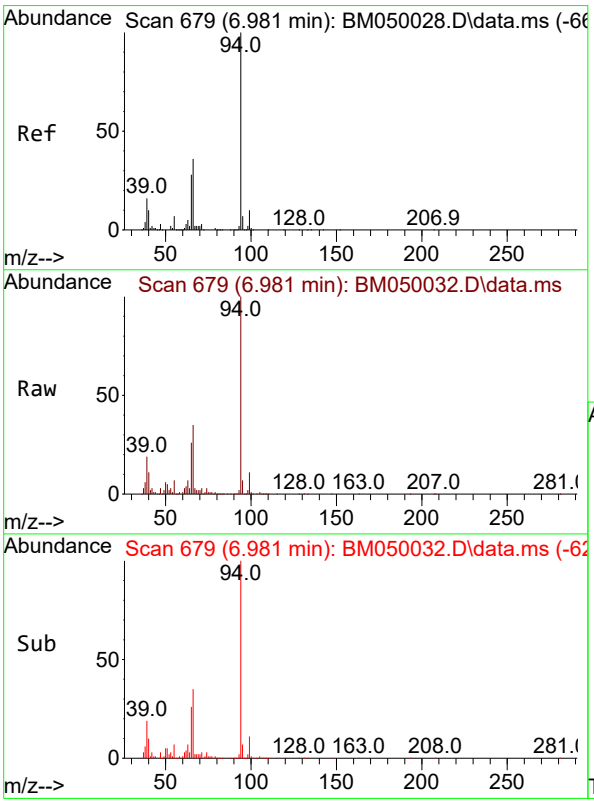
Ion	Ratio	Lower	Upper
77	100		
105	99.8	80.5	120.5
106	96.6	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

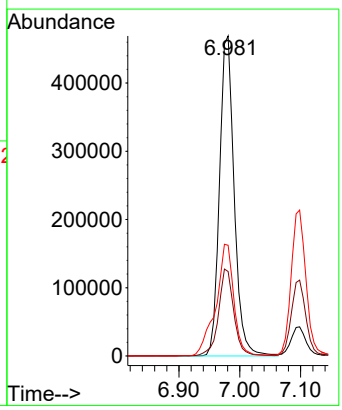
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

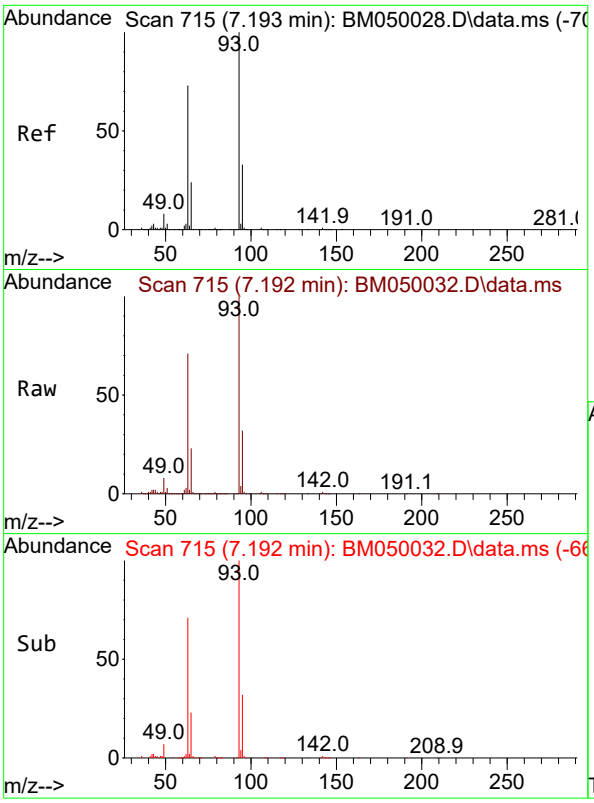


#10
Phenol
Concen: 46.913 ng
RT: 6.981 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 94 Resp: 784469

Ion	Ratio	Lower	Upper
94	100		
65	26.4	7.6	47.6
66	34.6	15.8	55.8

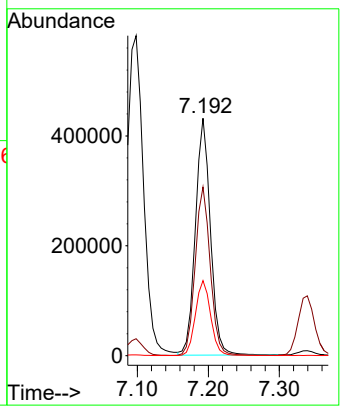




#11
bis(2-Chloroethyl)ether
Concen: 45.521 ng
RT: 7.192 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 63560

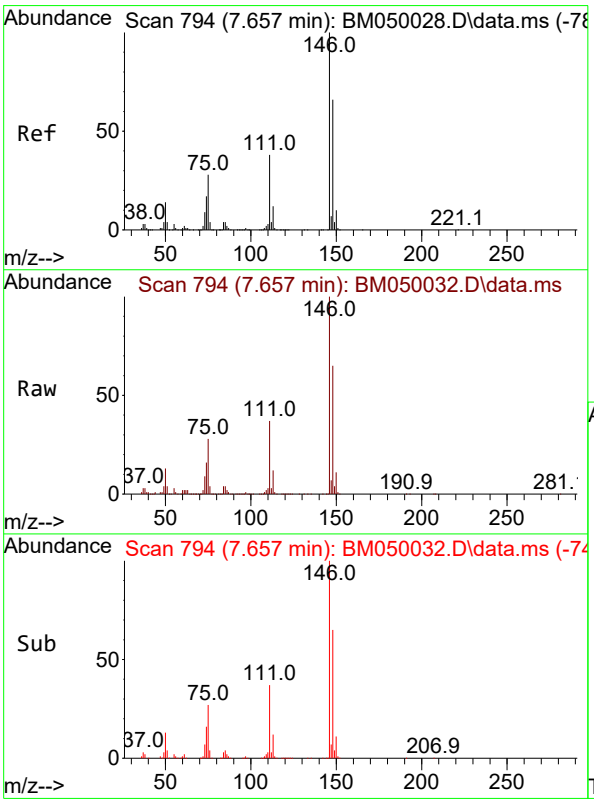
Ion	Ratio	Lower	Upper
93	100		
63	71.0	52.3	92.3
95	31.6	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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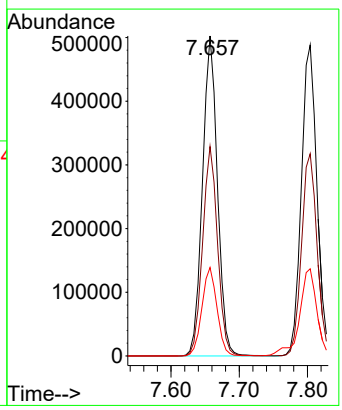
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

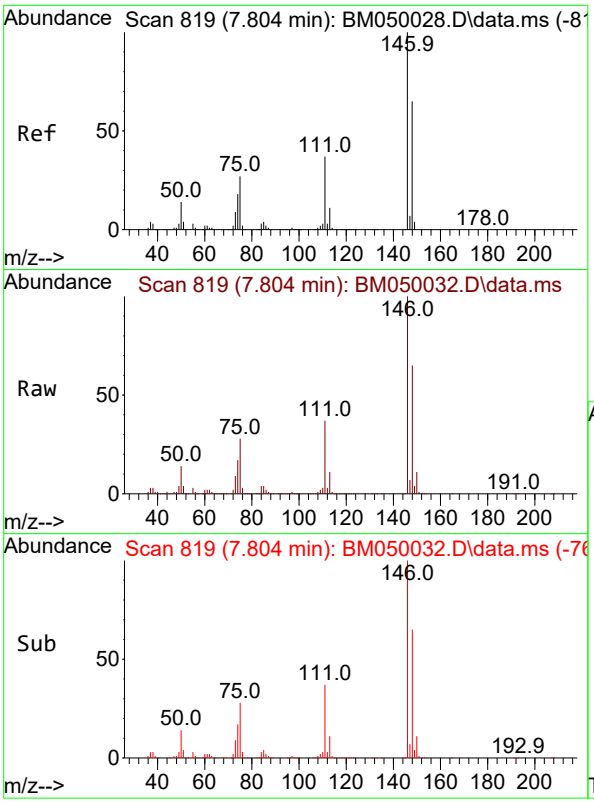


#12
1,3-Dichlorobenzene
Concen: 44.672 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 766772

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	27.6	22.6	34.0

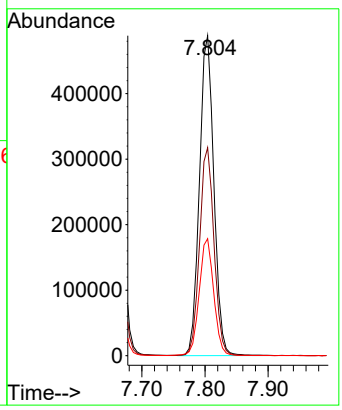




#13
1,4-Dichlorobenzene
Concen: 44.941 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 77495

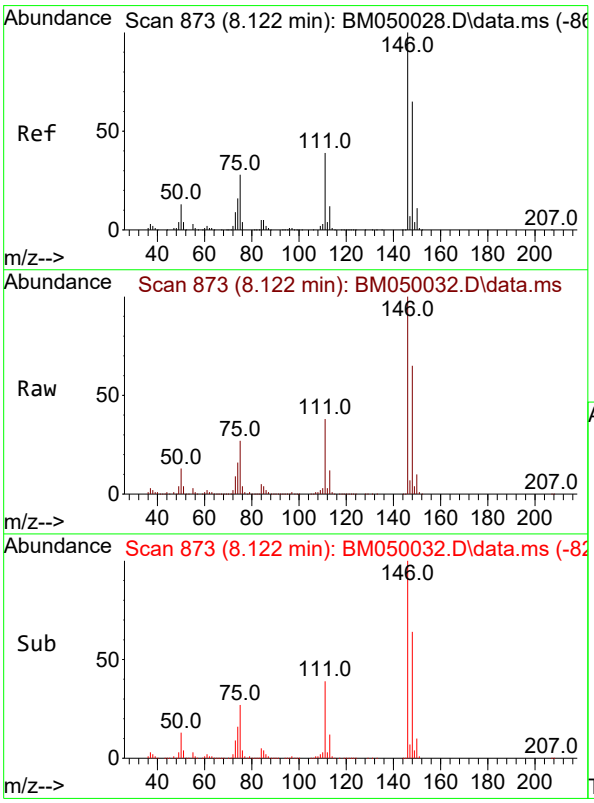
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	36.6	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

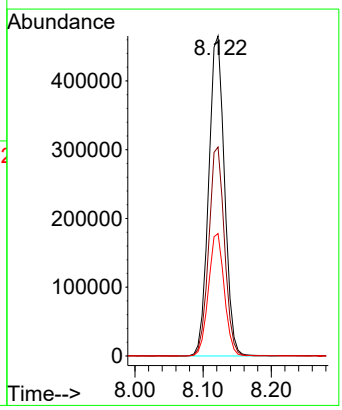
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

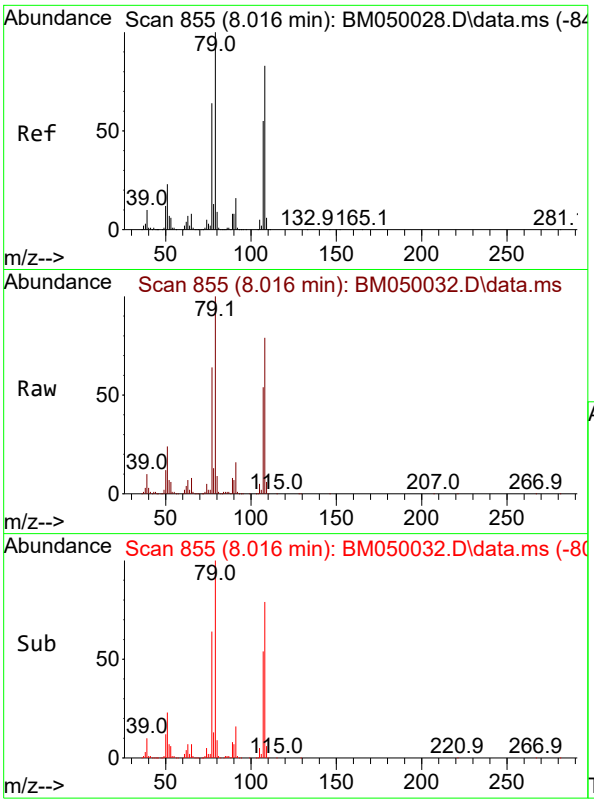


#14
1,2-Dichlorobenzene
Concen: 45.174 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:146 Resp: 752460

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.4	78.6
111	38.3	31.0	46.6





#15
Benzyl Alcohol
Concen: 48.167 ng
RT: 8.016 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

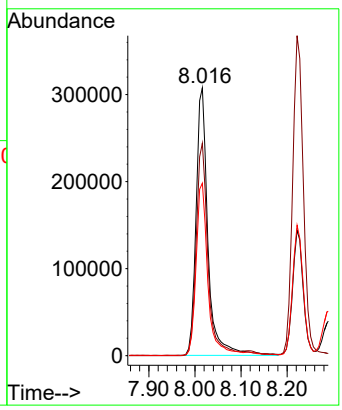
Tgt Ion: 79 Resp: 55175

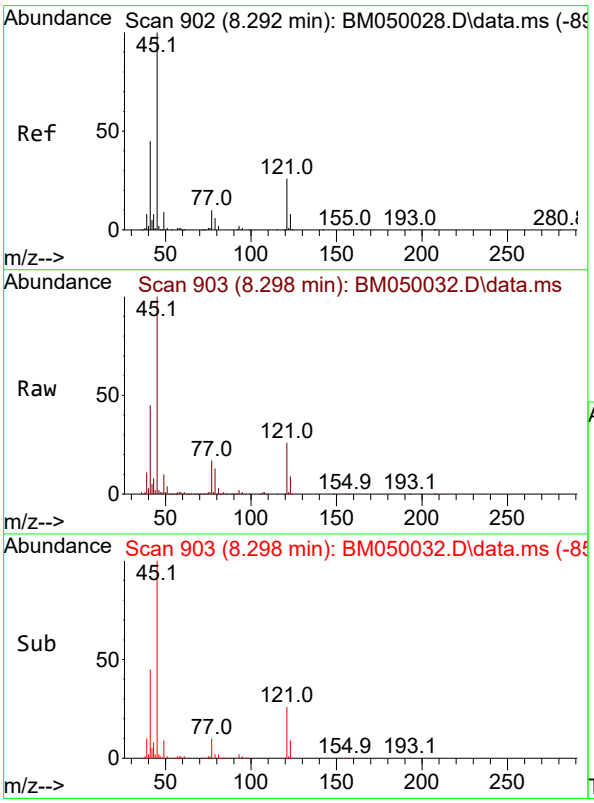
Ion	Ratio	Lower	Upper
79	100		
108	79.4	66.0	99.0
77	64.4	51.6	77.4

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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

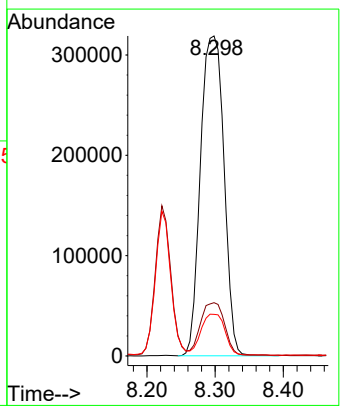


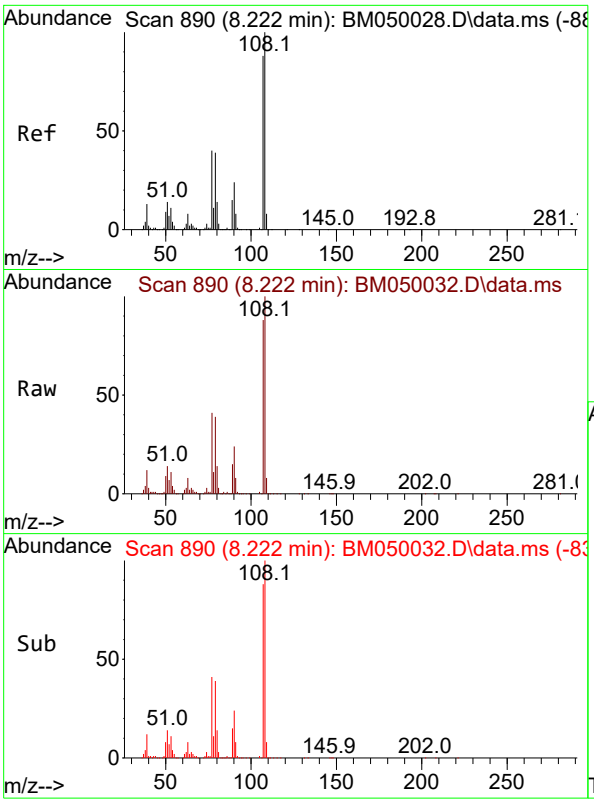


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.929 ng
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 45 Resp: 762583

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.4
79	13.0	0.0	32.7

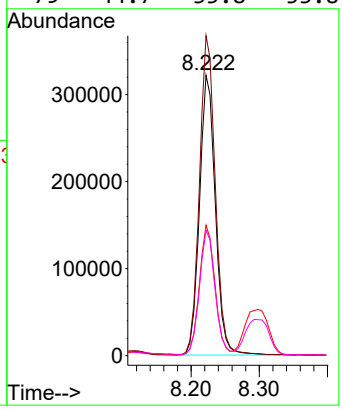




#17
2-Methylphenol
Concen: 47.153 ng
RT: 8.222 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 51942

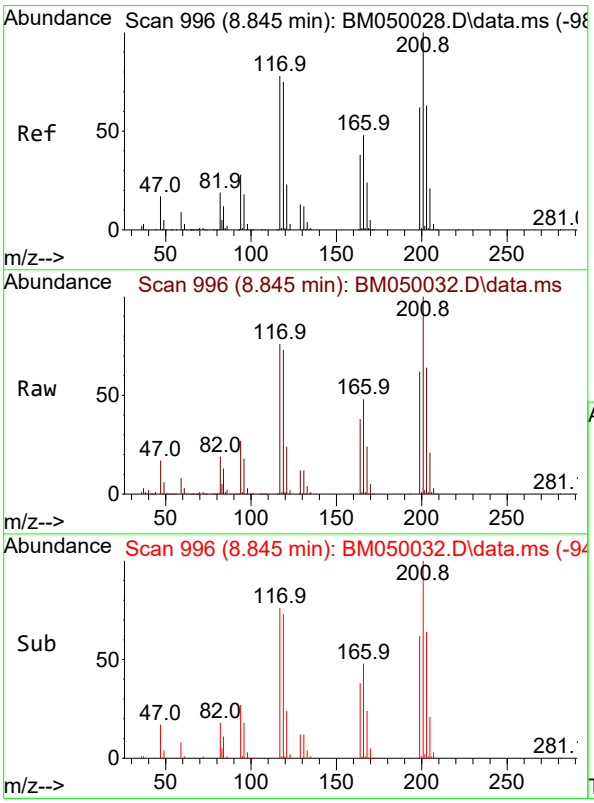
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	46.5	36.2	54.4
79	44.7	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

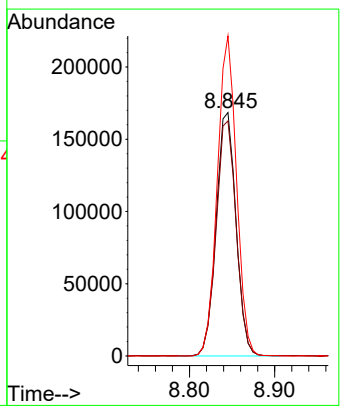
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

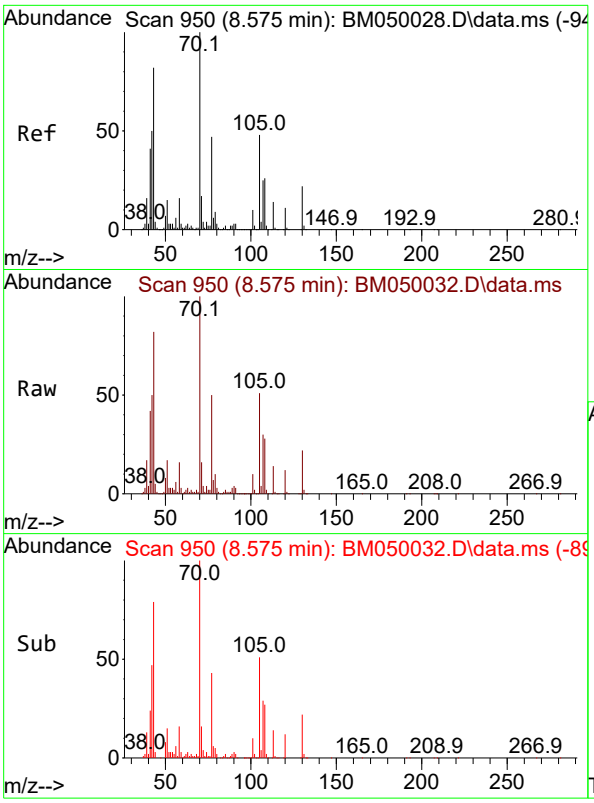


#18
Hexachloroethane
Concen: 44.738 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:117 Resp: 274239

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.3	115.9
201	131.4	102.8	154.2

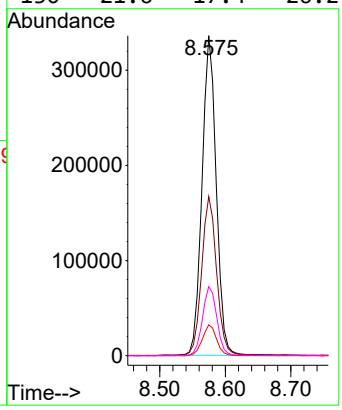




#19
n-Nitroso-di-n-propylamine
Concen: 47.892 ng
RT: 8.575 min Scan# 9
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 70 Resp: 50736

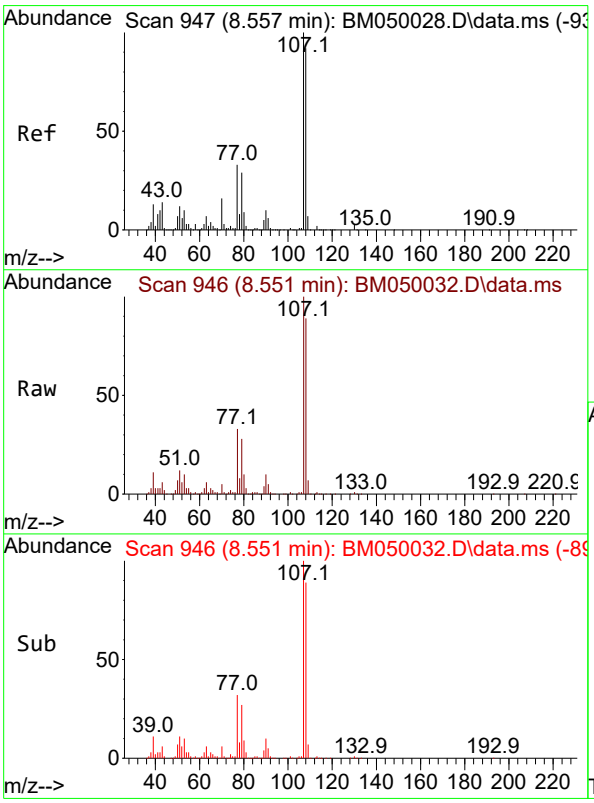
Ion	Ratio	Lower	Upper
70	100		
42	49.7	40.5	60.7
101	9.7	7.8	11.6
130	21.6	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

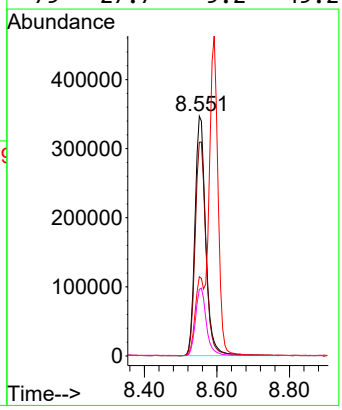
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

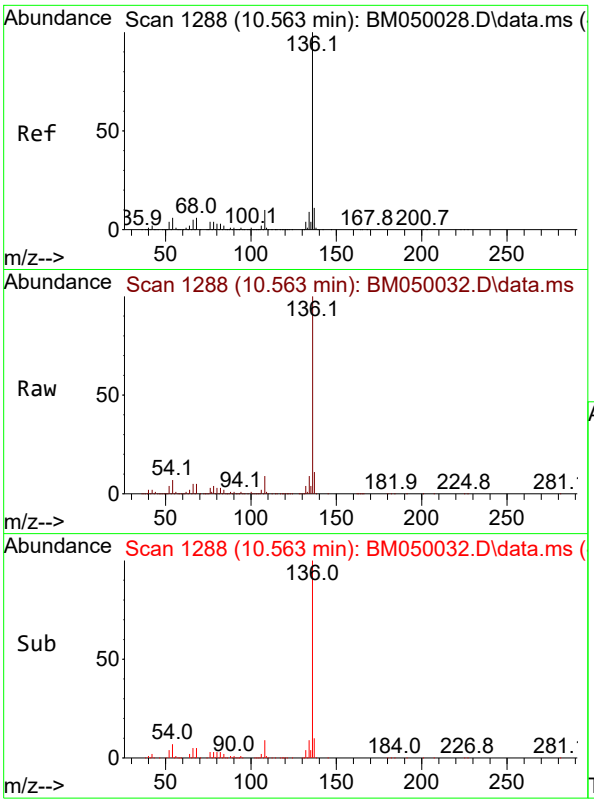


#20
3+4-Methylphenols
Concen: 47.974 ng
RT: 8.551 min Scan# 946
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 713683

Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.4	112.4
77	33.0	13.6	53.6
79	27.7	9.2	49.2

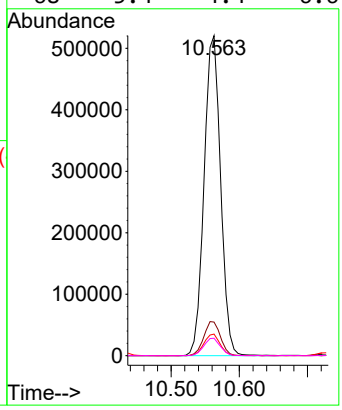




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:136 Resp: 87769

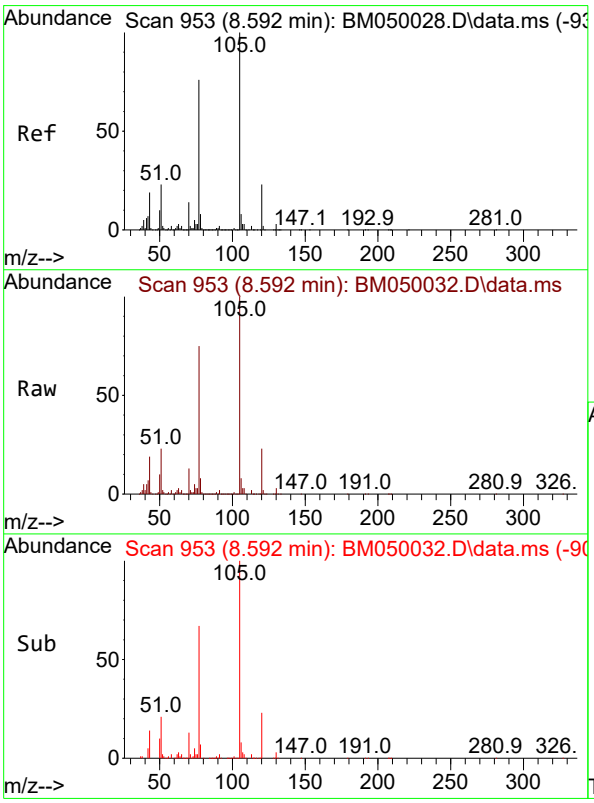
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.7	5.1	7.7
68	5.4	4.4	6.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

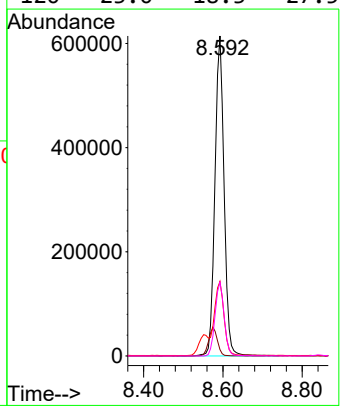
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

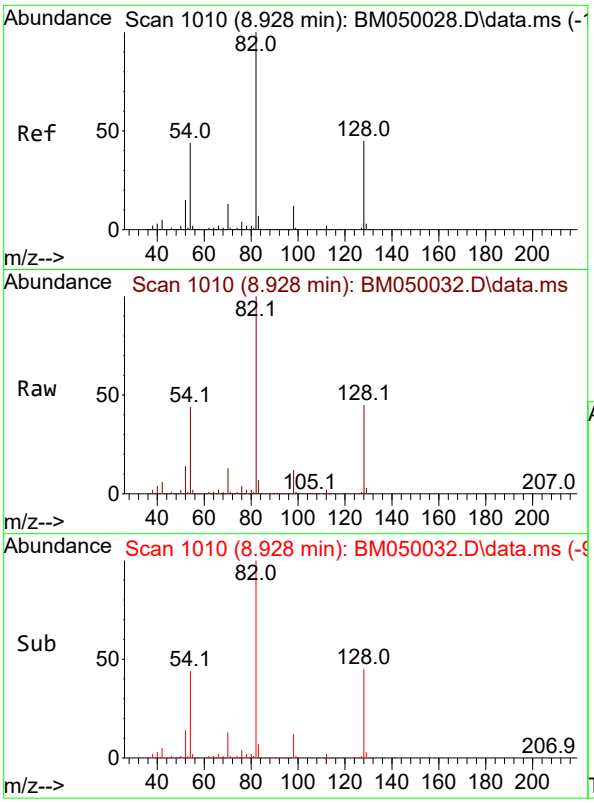


#22
Acetophenone
Concen: 45.153 ng
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:105 Resp: 985275

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	23.3	18.6	27.8
120	23.0	18.3	27.5

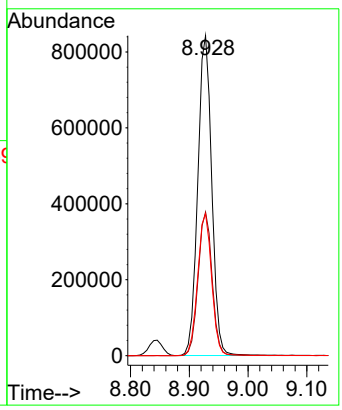




#23
Nitrobenzene-d5
Concen: 77.798 ng
RT: 8.928 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138570

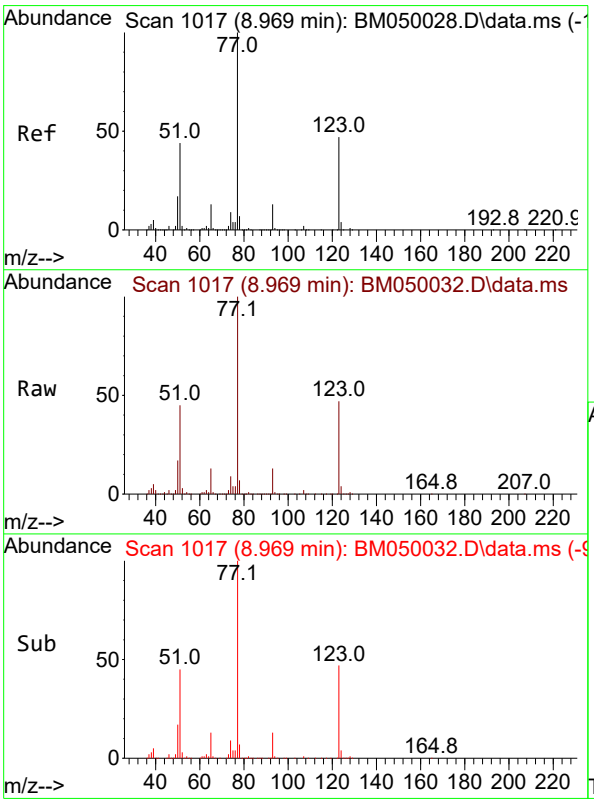
Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.7	53.5
54	44.4	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

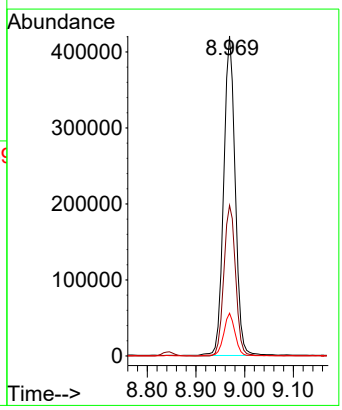
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

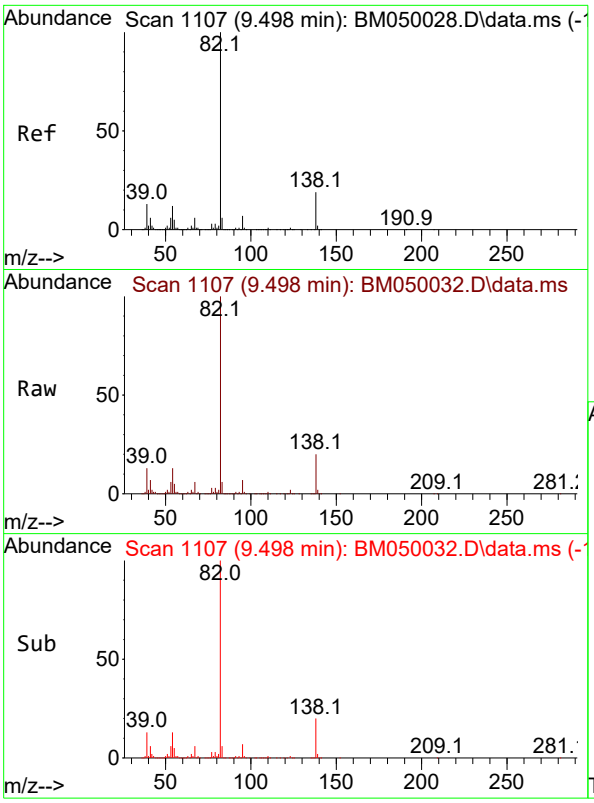


#24
Nitrobenzene
Concen: 45.104 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 694640

Ion	Ratio	Lower	Upper
77	100		
123	47.1	37.9	56.9
65	13.3	10.1	15.1

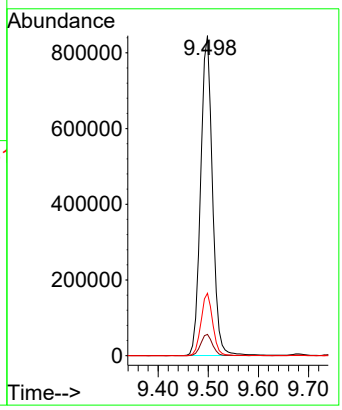




#25
Isophorone
Concen: 45.596 ng
RT: 9.498 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 82 Resp: 138437

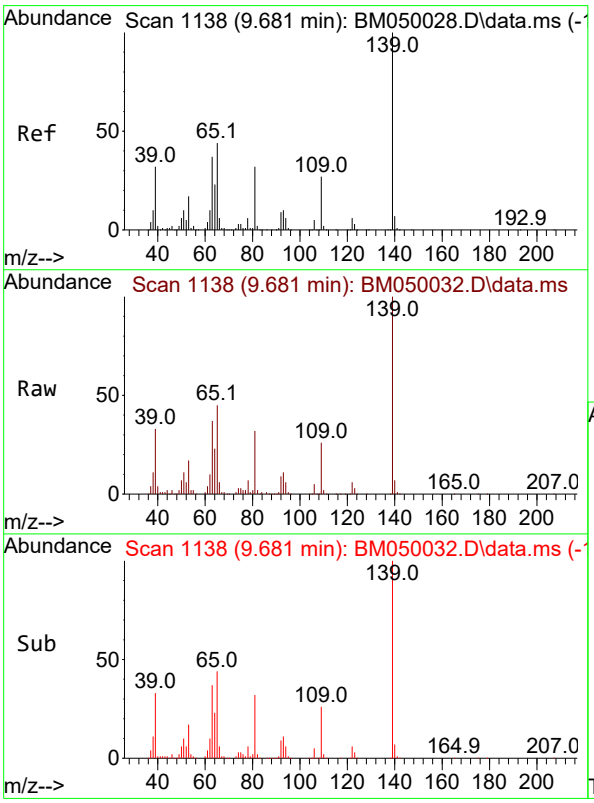
Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.7	8.5
138	19.5	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

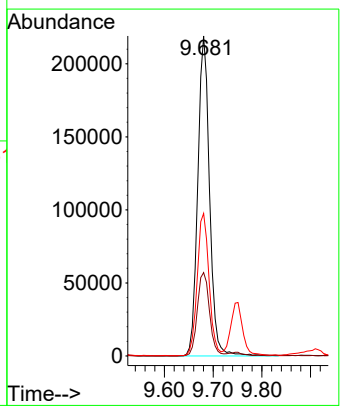
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

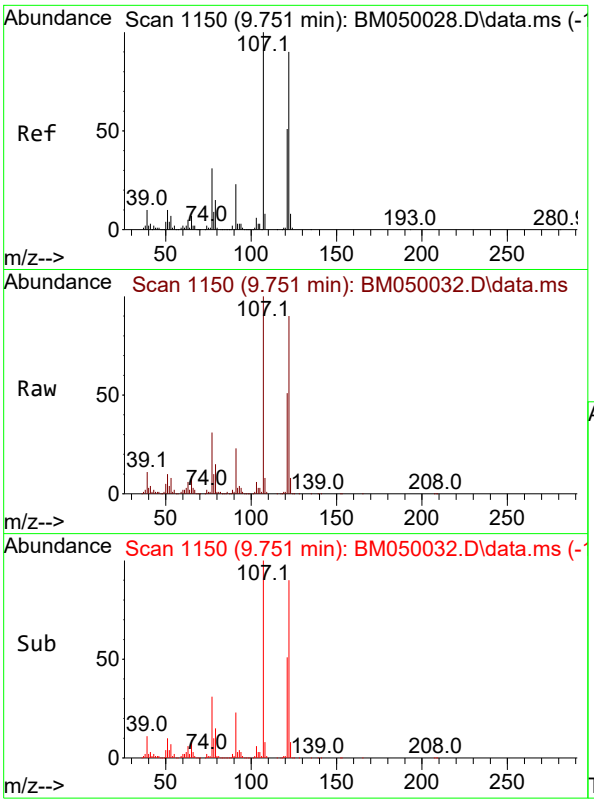


#26
2-Nitrophenol
Concen: 47.087 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 370477

Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.9	32.9
65	44.5	35.4	53.2

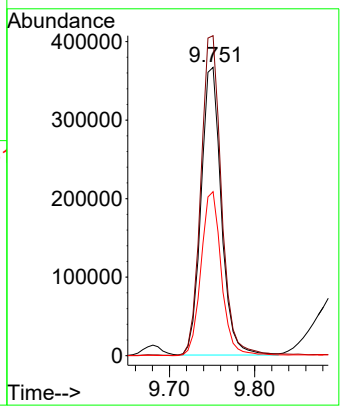




#27
2,4-Dimethylphenol
Concen: 46.404 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 60547

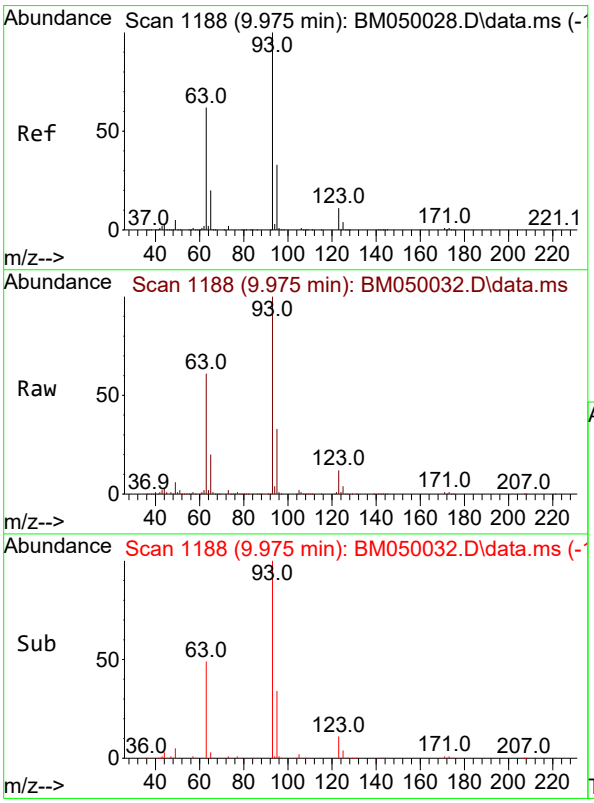
Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.0	133.6
121	56.9	45.6	68.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

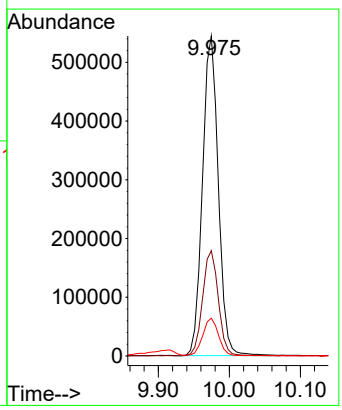
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

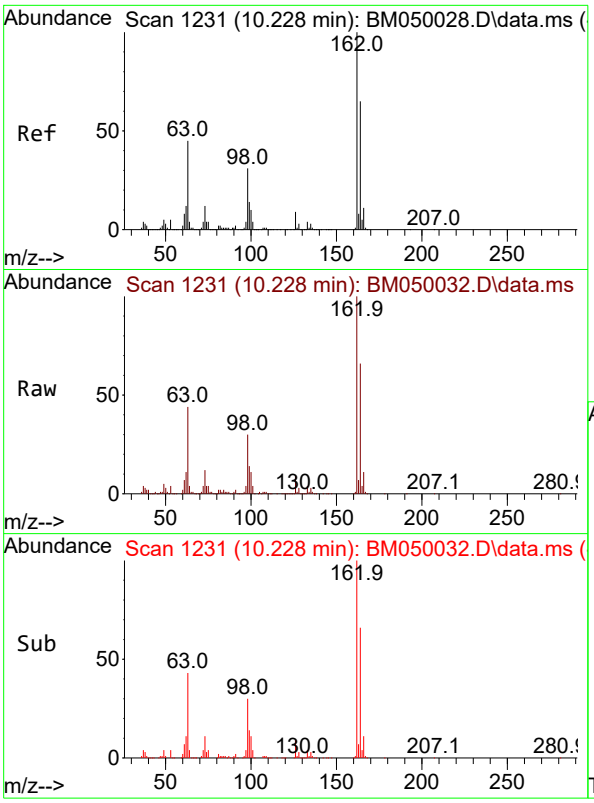


#28
bis(2-Chloroethoxy)methane
Concen: 44.920 ng
RT: 9.975 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 93 Resp: 842968

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.8	9.5	14.3

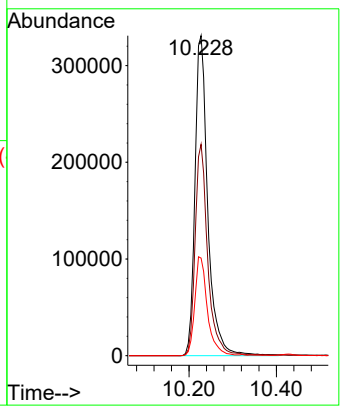




#29
2,4-Dichlorophenol
Concen: 46.375 ng
RT: 10.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 67788

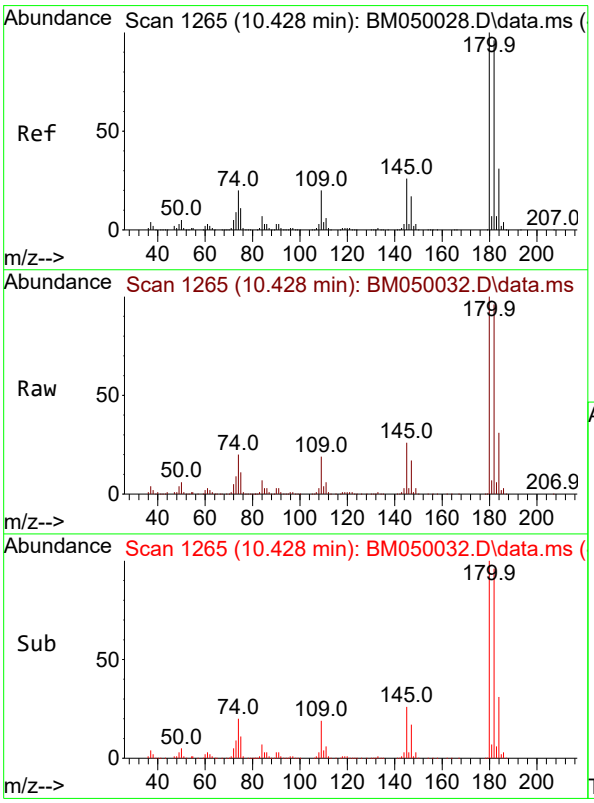
Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.4	85.4
98	30.5	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

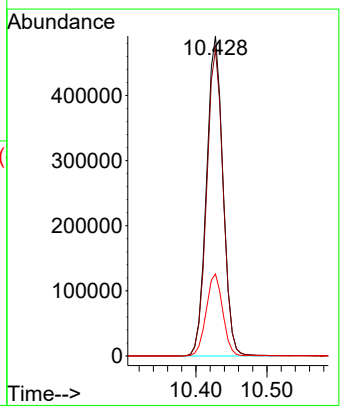
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

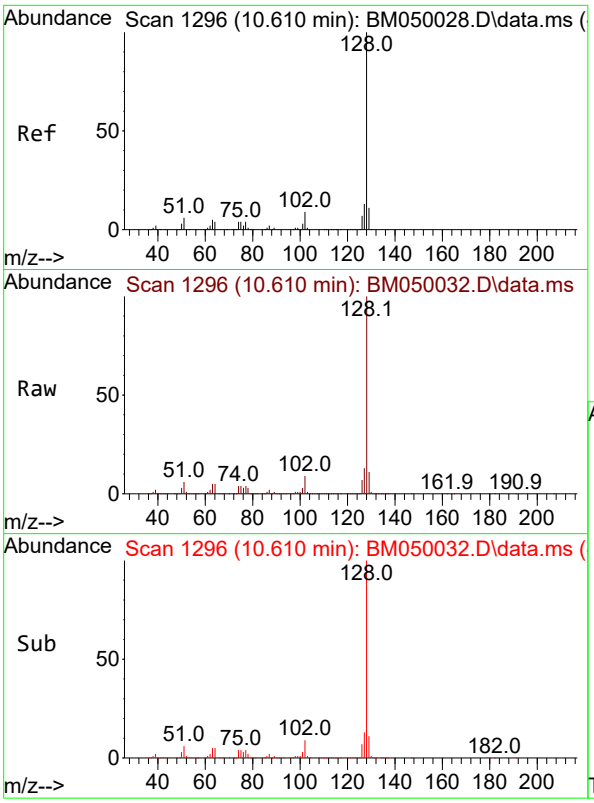


#30
1,2,4-Trichlorobenzene
Concen: 44.348 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:180 Resp: 789816

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	25.7	20.6	30.8

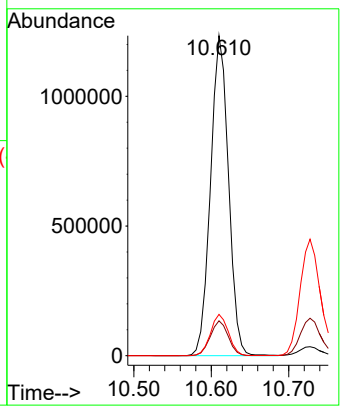




#31
Naphthalene
Concen: 44.651 ng
RT: 10.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:128 Resp: 198469

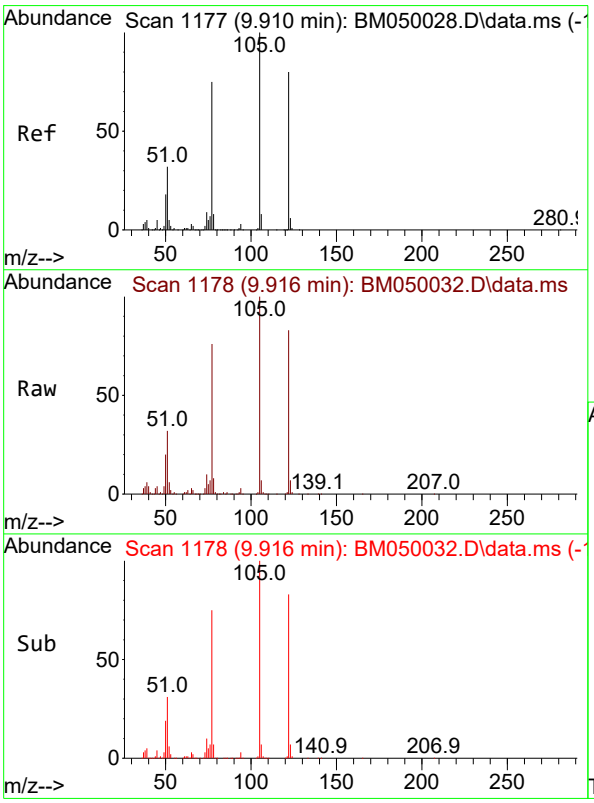
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.9	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

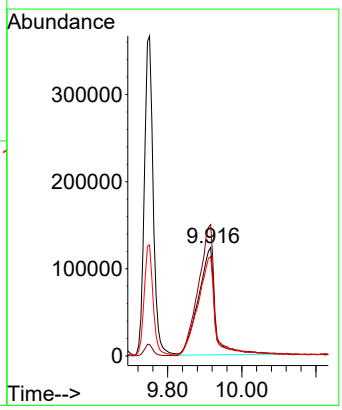
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

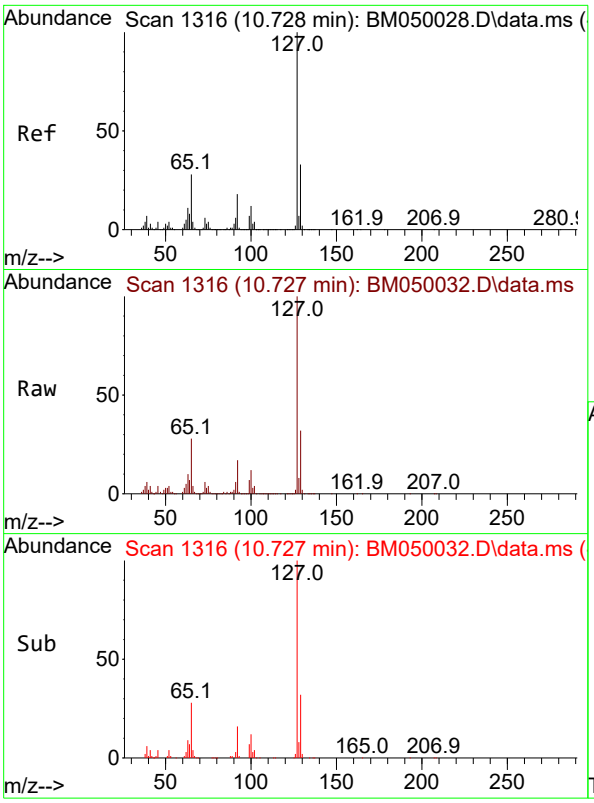


#32
Benzoic acid
Concen: 46.063 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:122 Resp: 384400

Ion	Ratio	Lower	Upper
122	100		
105	121.1	103.6	143.6
77	91.7	73.7	113.7

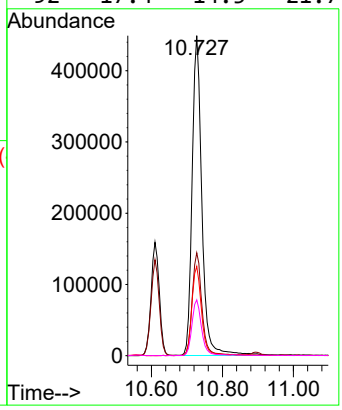




#33
4-Chloroaniline
Concen: 47.375 ng
RT: 10.727 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:127 Resp: 86311

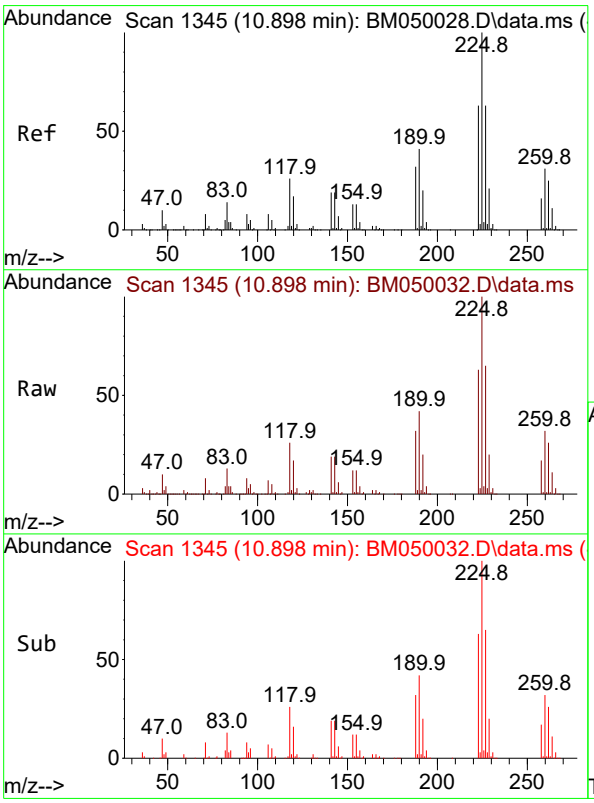
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	27.9	22.5	33.7
92	17.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

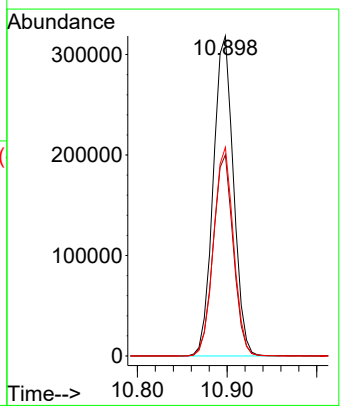
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

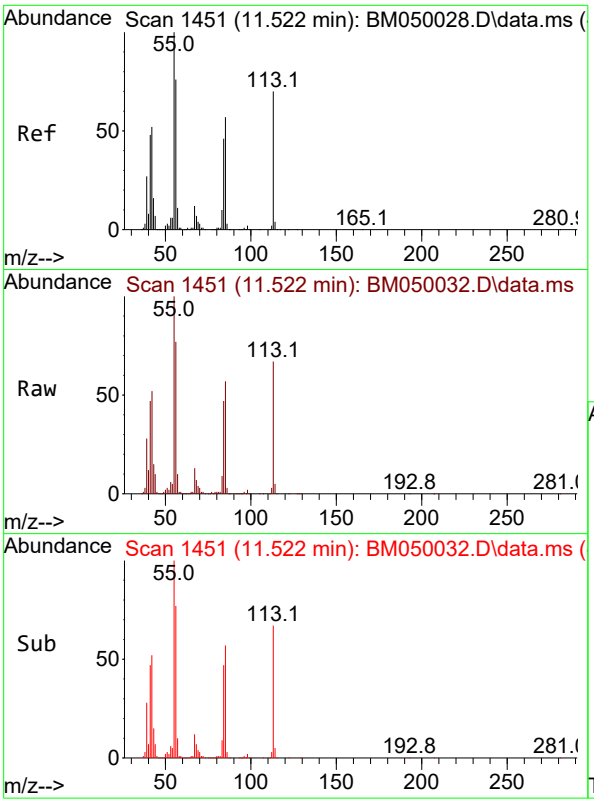


#34
Hexachlorobutadiene
Concen: 44.034 ng
RT: 10.898 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:225 Resp: 497792

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	65.2	50.6	76.0

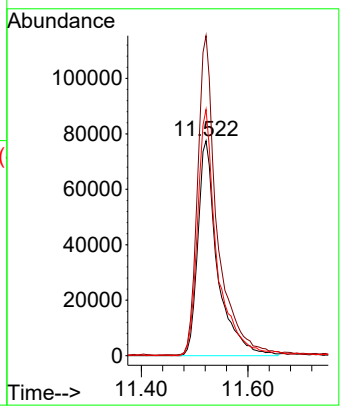




#35
Caprolactam
Concen: 46.481 ng
RT: 11.522 min Scan# 14
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:113 Resp: 19810

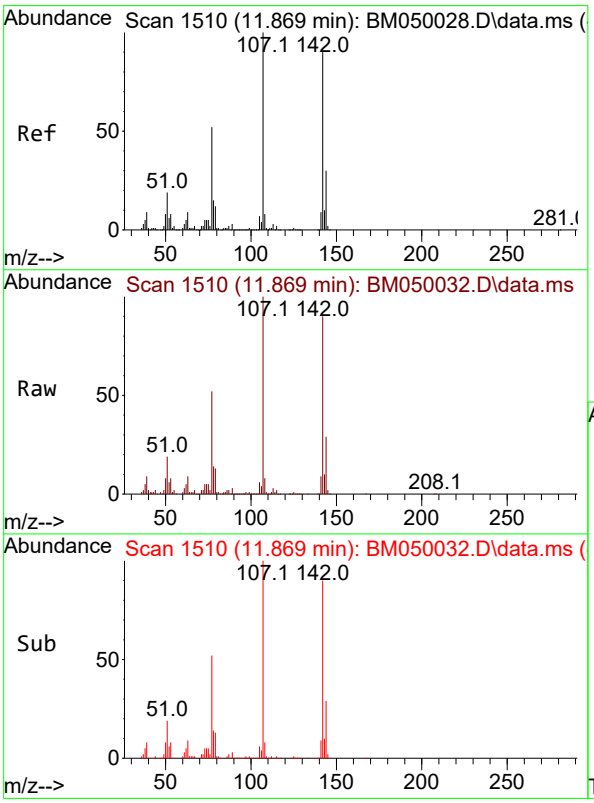
Ion	Ratio	Lower	Upper
113	100		
55	148.9	122.9	162.9
56	114.6	88.1	128.1



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

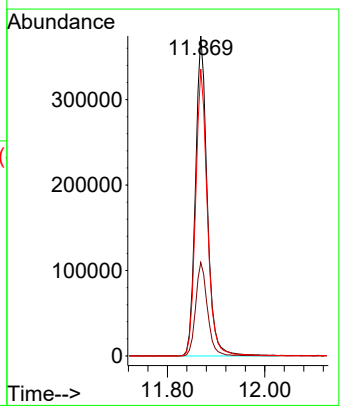
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

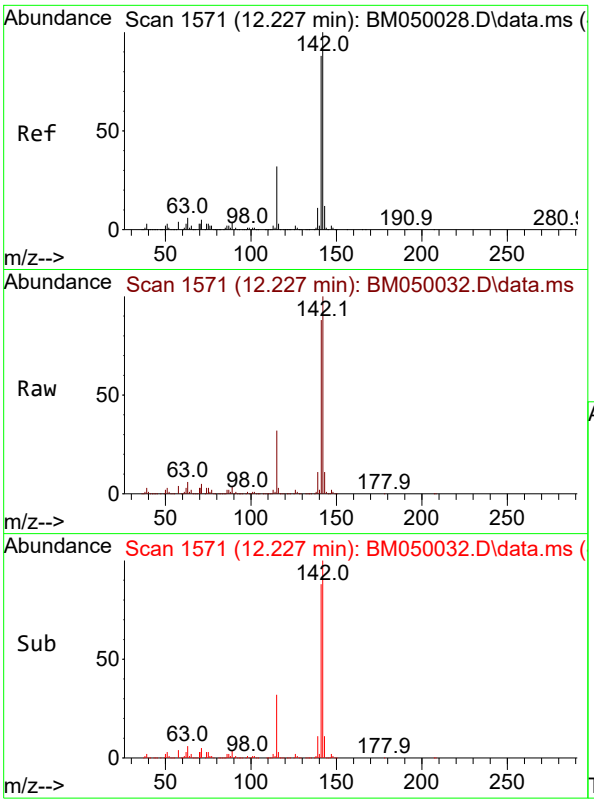


#36
4-Chloro-3-methylphenol
Concen: 46.825 ng
RT: 11.869 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:107 Resp: 632365

Ion	Ratio	Lower	Upper
107	100		
144	29.2	23.8	35.6
142	89.6	71.9	107.9

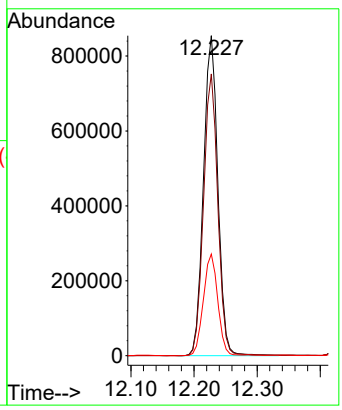




#37
2-Methylnaphthalene
Concen: 45.374 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 135217

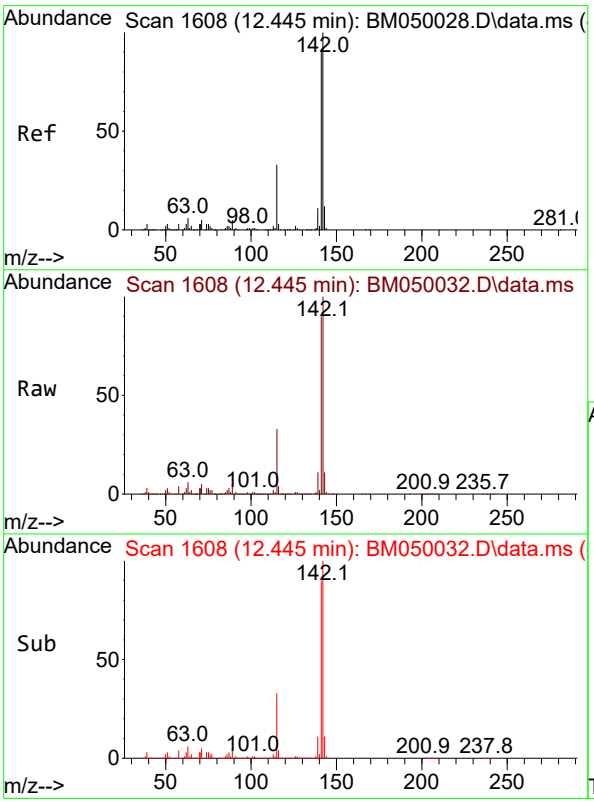
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.4	105.6
115	31.8	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

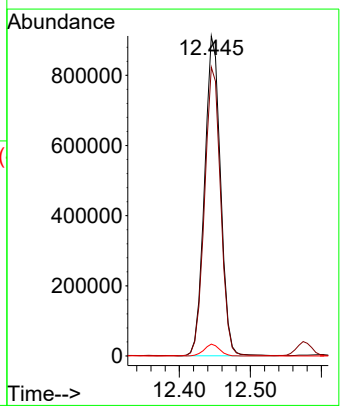
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

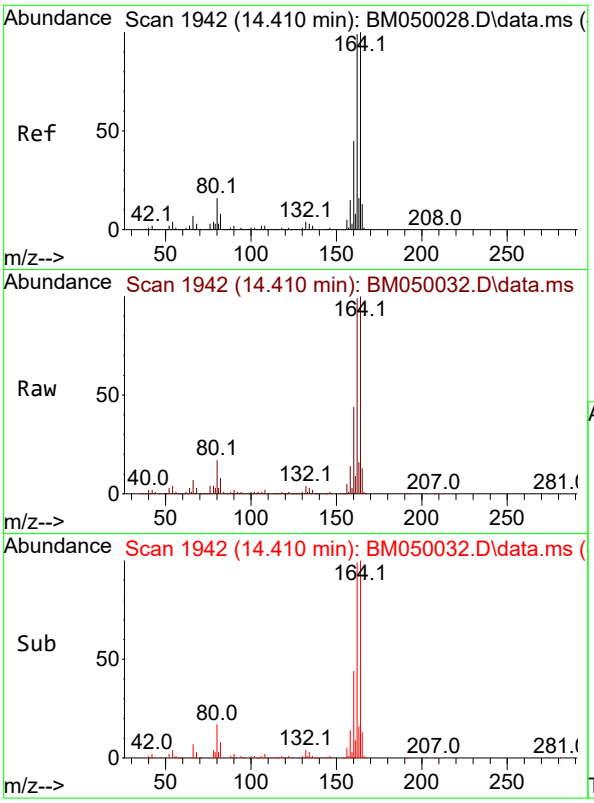


#38
1-Methylnaphthalene
Concen: 45.198 ng
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:142 Resp: 1425407

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.1	108.1
116	3.7	2.7	4.1

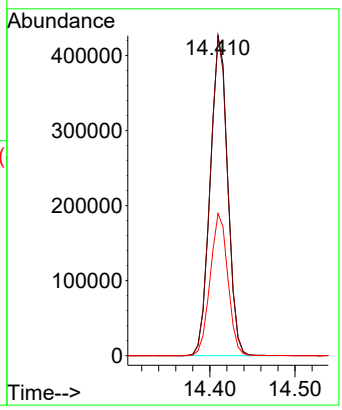




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:164 Resp: 60583

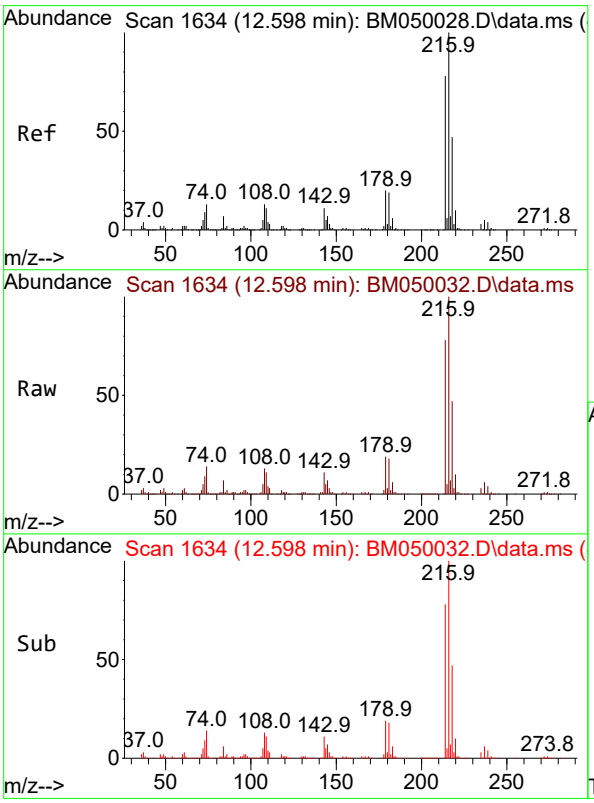
Ion	Ratio	Lower	Upper
164	100		
162	99.4	79.4	119.0
160	44.5	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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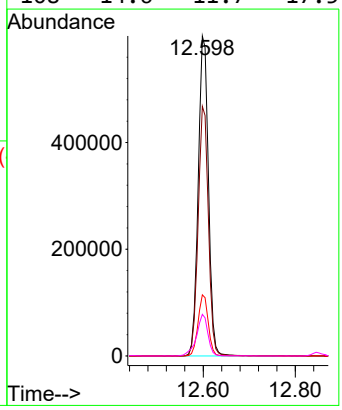
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

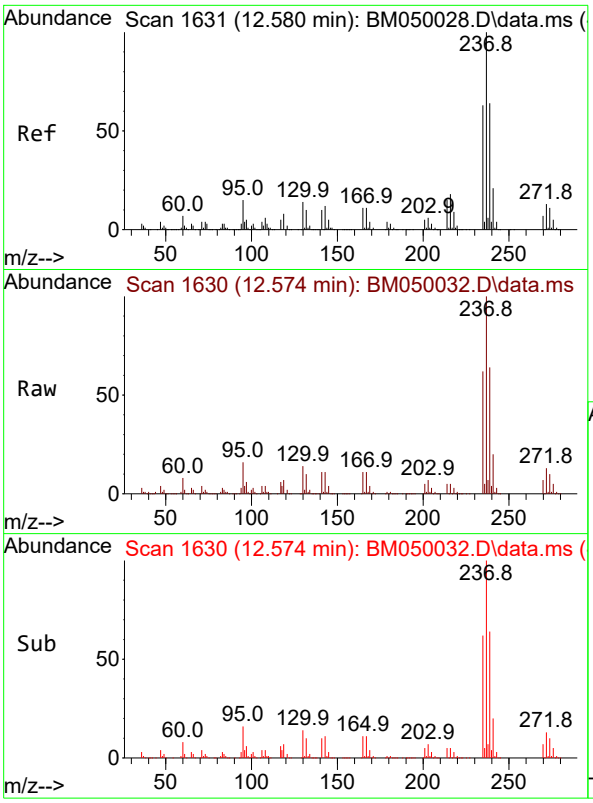


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.140 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:216 Resp: 925725

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	19.1	15.4	23.0
108	14.6	11.7	17.5

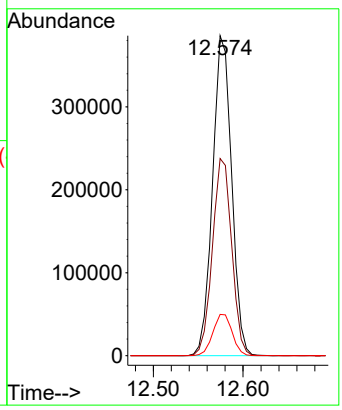




#41
Hexachlorocyclopentadiene
Concen: 44.374 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:237 Resp: 56871

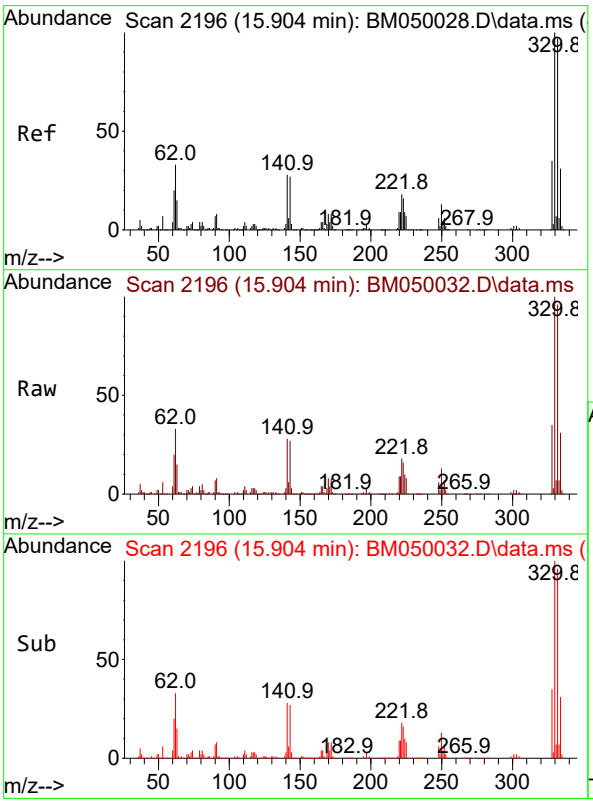
Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.9	82.9
272	12.9	0.0	32.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

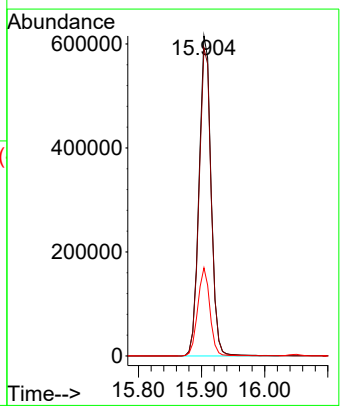
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

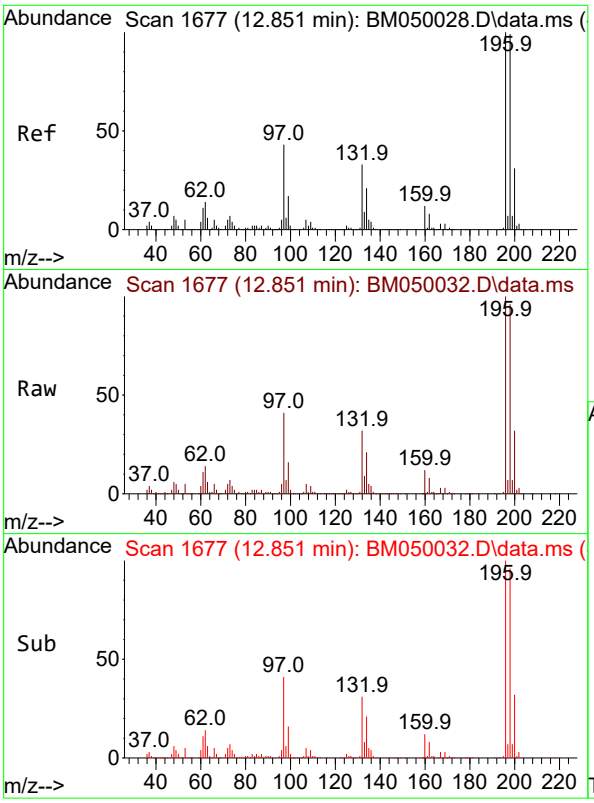


#42
2,4,6-Tribromophenol
Concen: 90.503 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:330 Resp: 810732

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	28.0	22.5	33.7

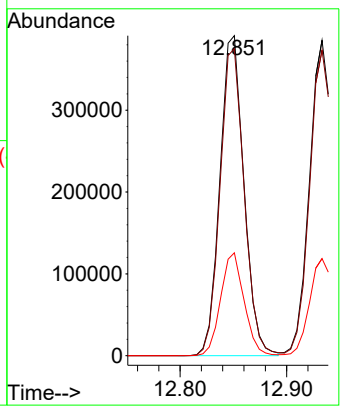




#43
2,4,6-Trichlorophenol
Concen: 46.094 ng
RT: 12.851 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 61314

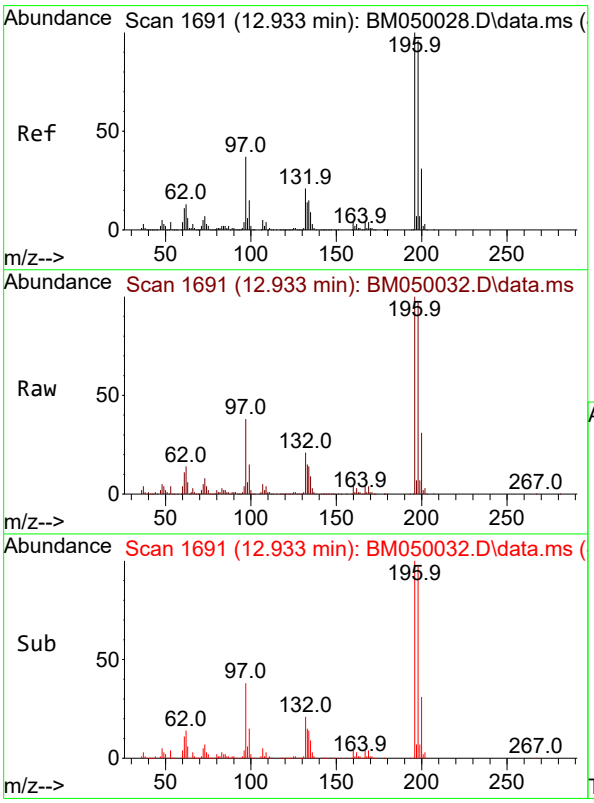
Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.0	118.6
200	32.2	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

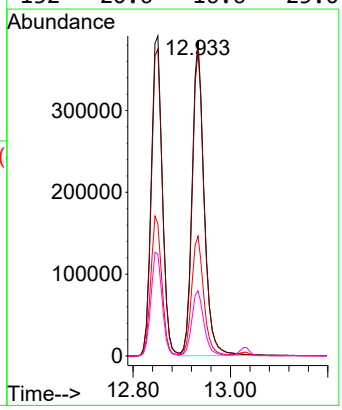
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

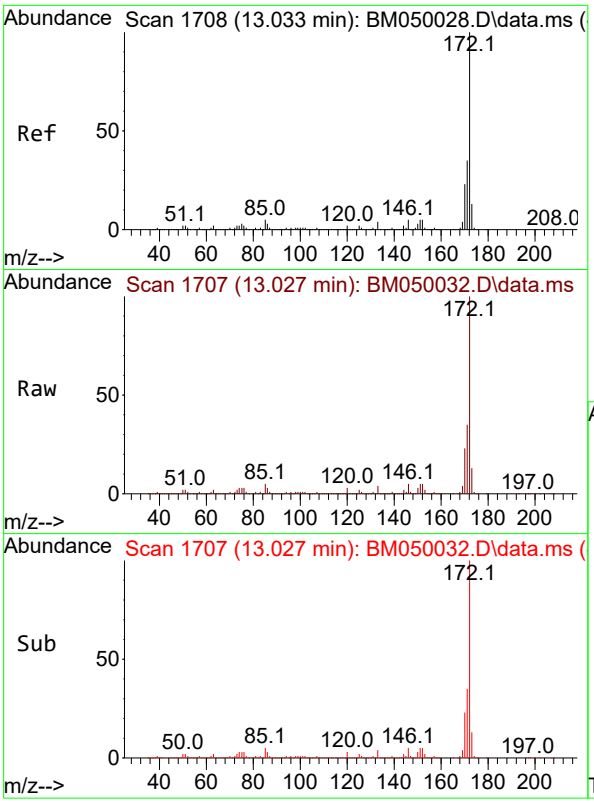


#44
2,4,5-Trichlorophenol
Concen: 46.271 ng
RT: 12.933 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:196 Resp: 663718

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.7	115.1
97	38.0	30.1	45.1
132	20.6	16.6	25.0

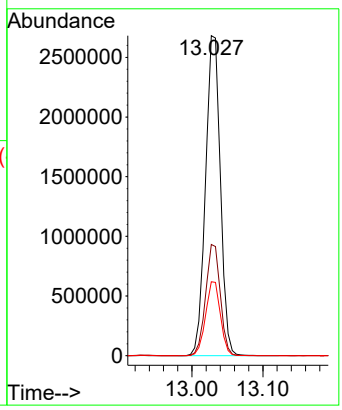




#45
2-Fluorobiphenyl
Concen: 76.259 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:172 Resp: 390538

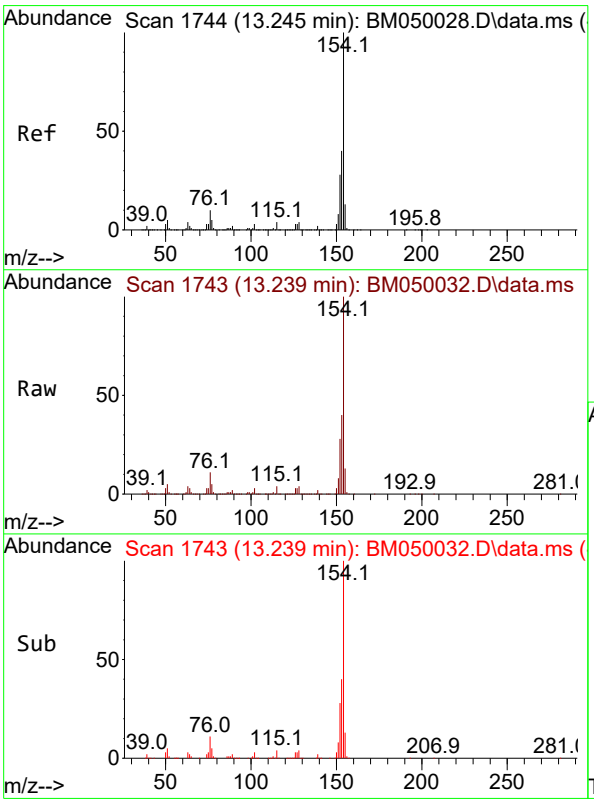
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.1	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

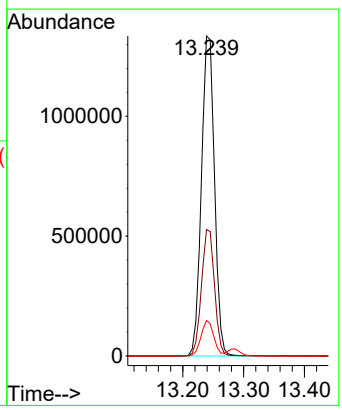
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

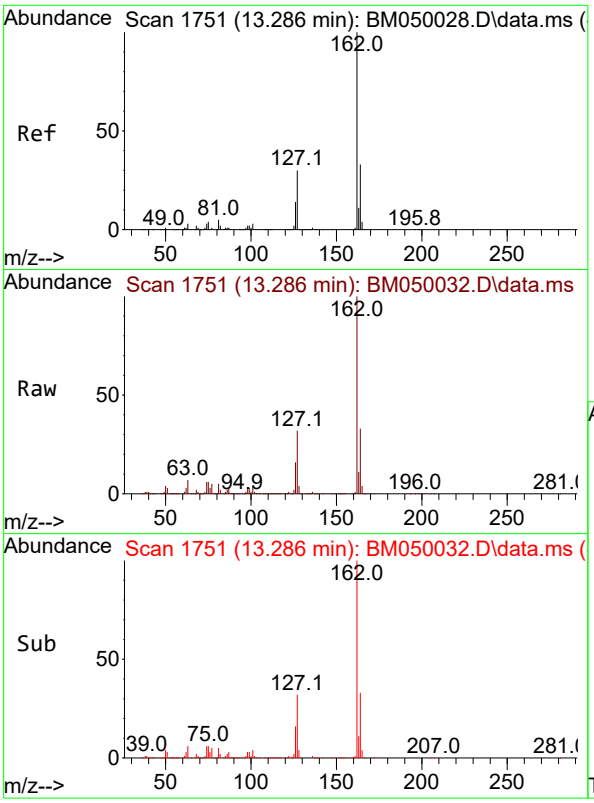


#46
1,1'-Biphenyl
Concen: 44.207 ng
RT: 13.239 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1990852

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.0	60.0
76	11.1	0.0	30.3

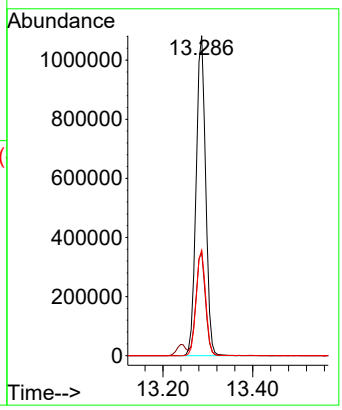




#47
2-Chloronaphthalene
Concen: 44.684 ng
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:162 Resp: 159376

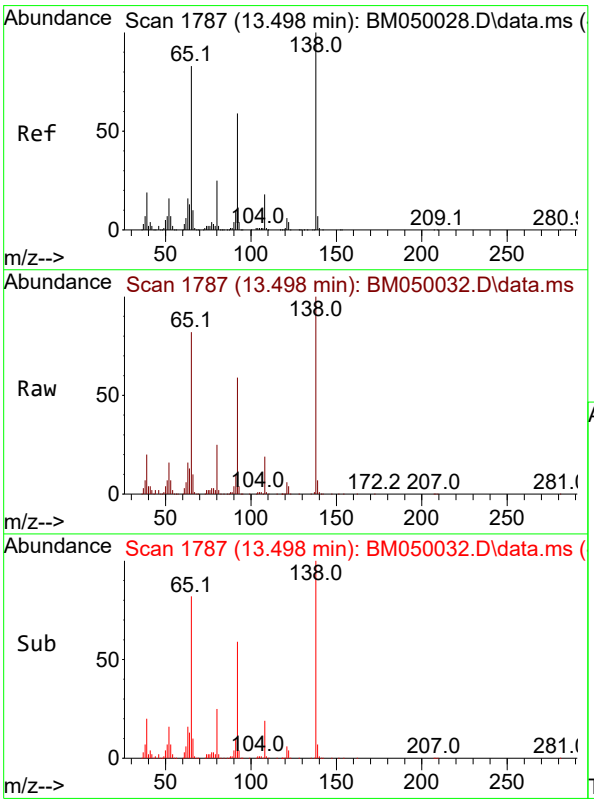
Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	33.0	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

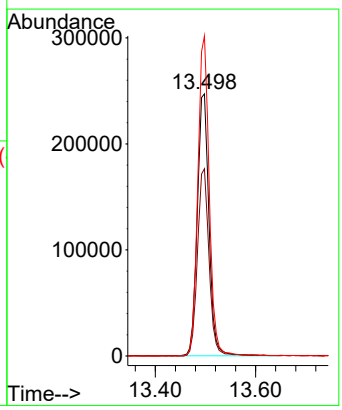
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

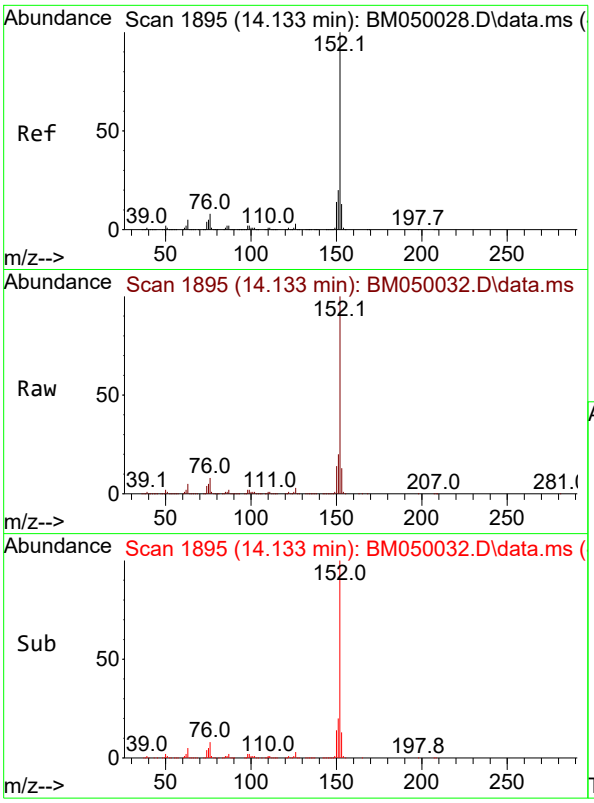


#48
2-Nitroaniline
Concen: 47.621 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 65 Resp: 398645

Ion	Ratio	Lower	Upper
65	100		
92	71.5	57.1	85.7
138	122.1	97.0	145.4

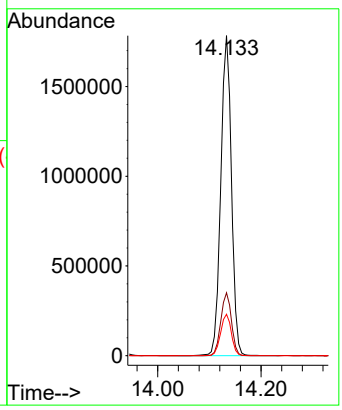




#49
Acenaphthylene
Concen: 45.315 ng
RT: 14.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:152 Resp: 254834

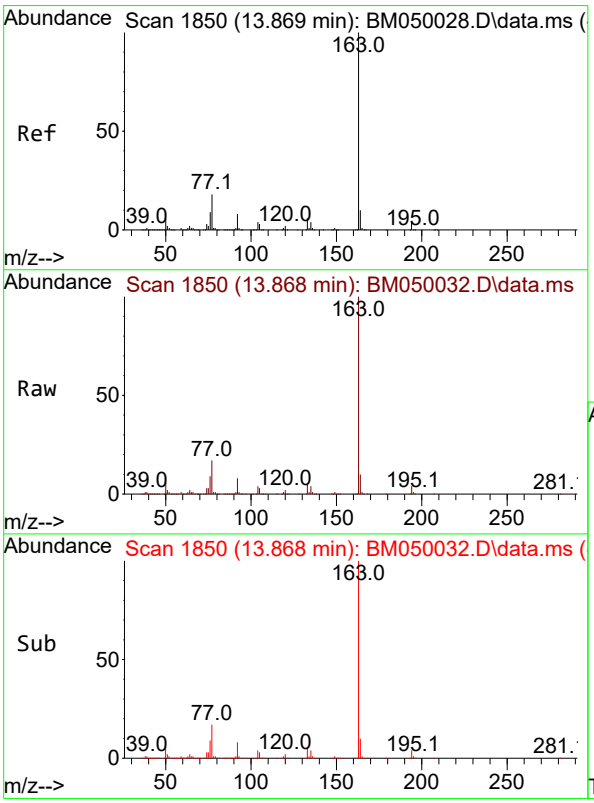
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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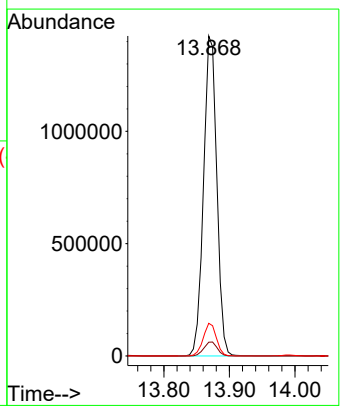
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

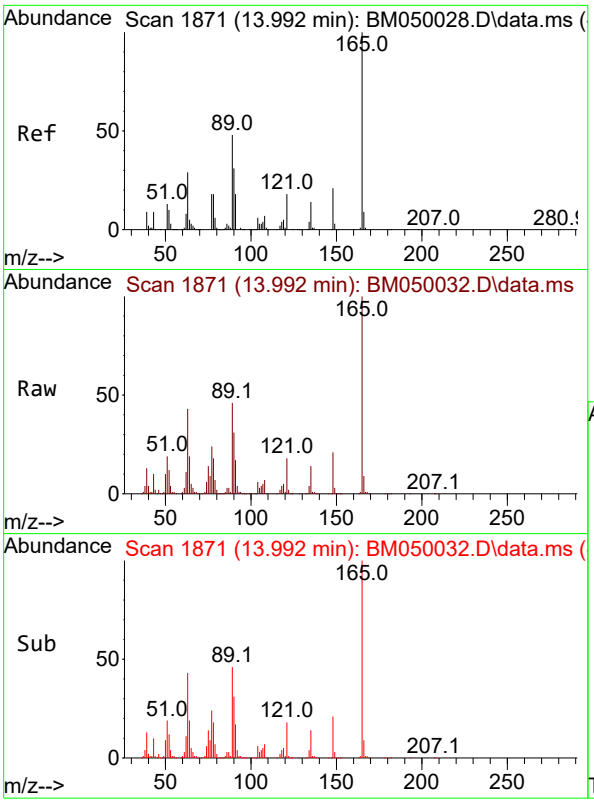


#50
Dimethylphthalate
Concen: 45.338 ng
RT: 13.868 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:163 Resp: 2007342

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 47.554 ng
RT: 13.992 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

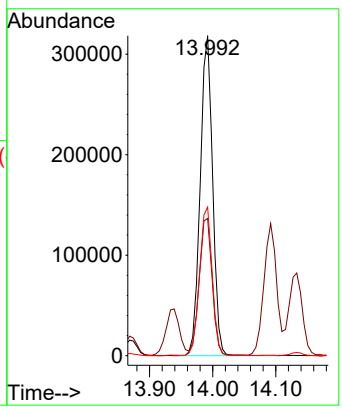
Tgt Ion:165 Resp: 43592

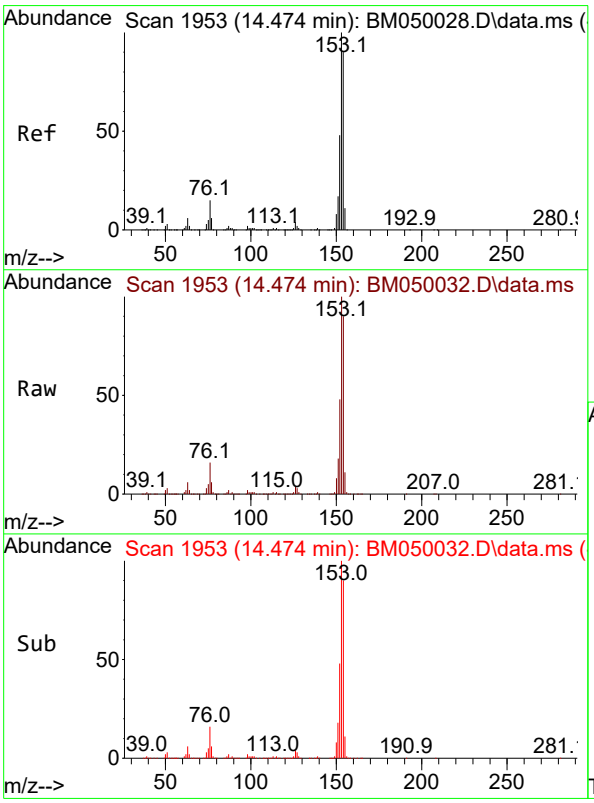
Ion	Ratio	Lower	Upper
165	100		
63	42.9	35.1	52.7
89	46.4	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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

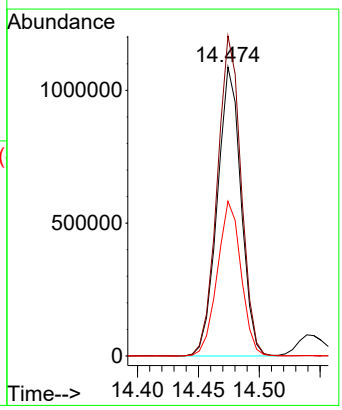


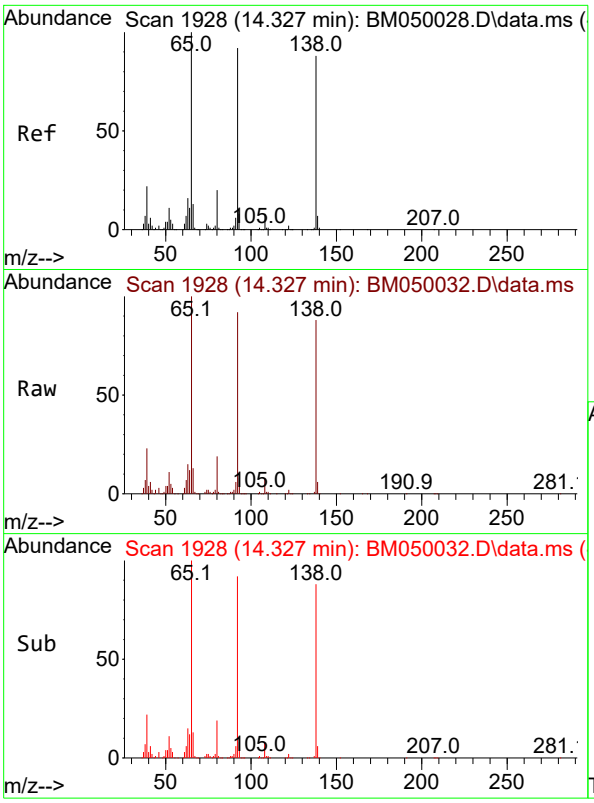


#52
Acenaphthene
Concen: 45.210 ng
RT: 14.474 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:154 Resp: 1471672

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.0	133.4
152	53.5	43.0	64.6

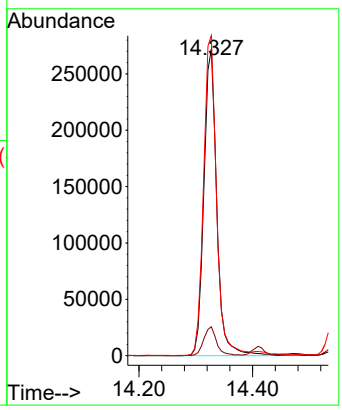




#53
3-Nitroaniline
Concen: 48.843 ng
RT: 14.327 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 42746

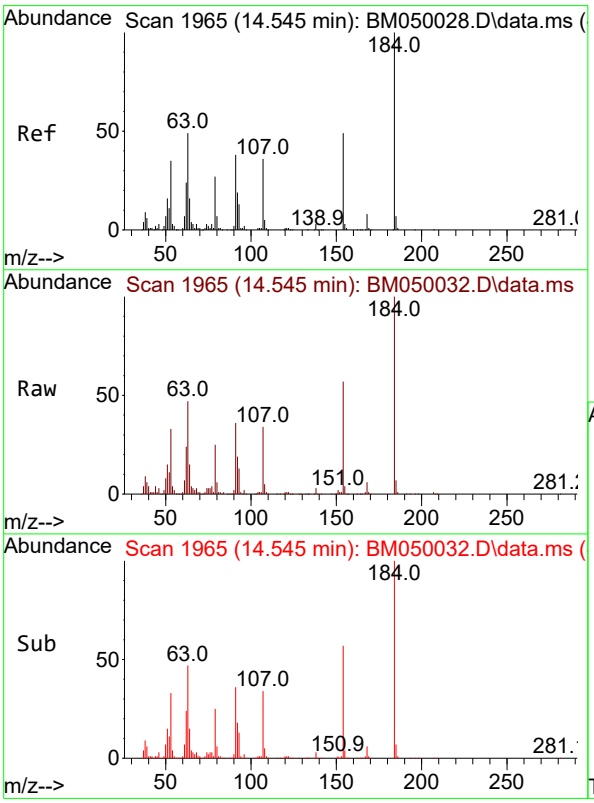
Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	104.5	84.0	126.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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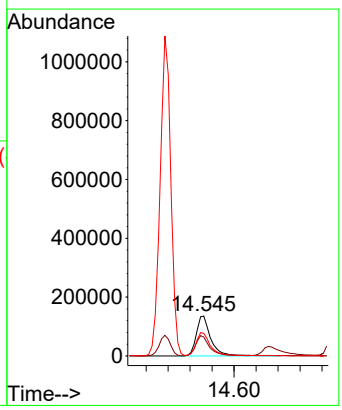
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

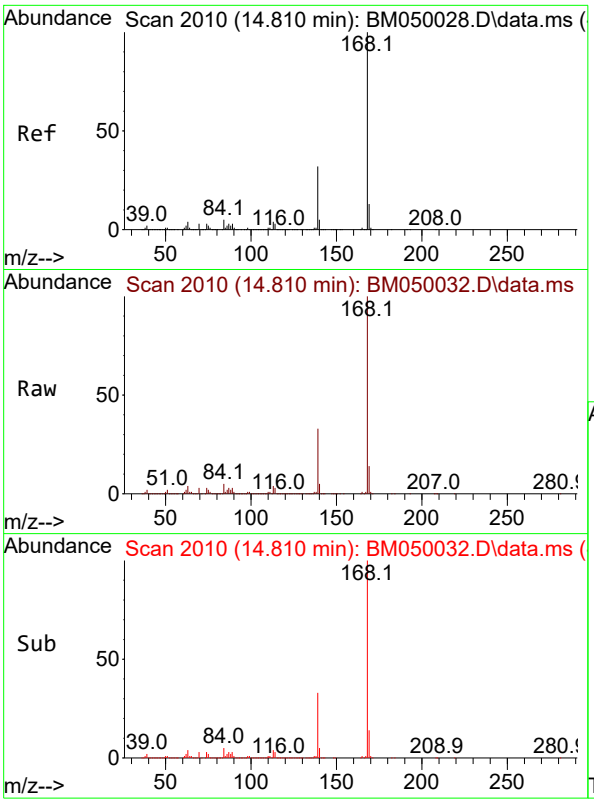


#54
2,4-Dinitrophenol
Concen: 45.189 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 249307

Ion	Ratio	Lower	Upper
184	100		
63	47.3	39.8	59.6
154	56.7	46.1	69.1

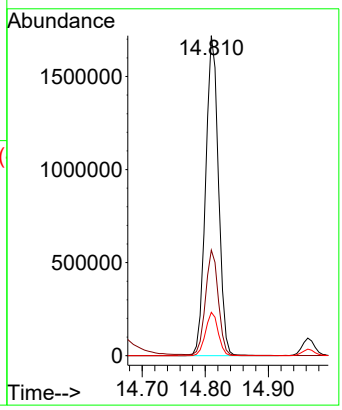




#55
Dibenzofuran
Concen: 44.828 ng
RT: 14.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:168 Resp: 242783

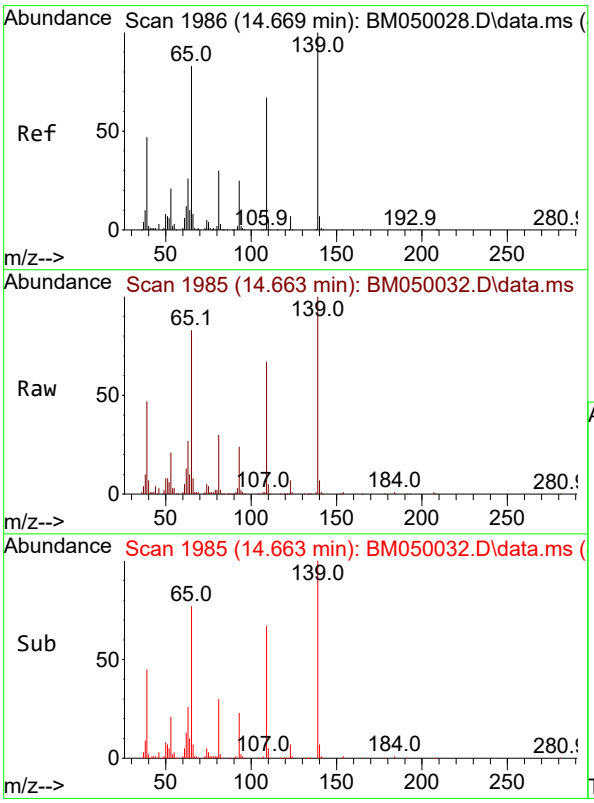
Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.5	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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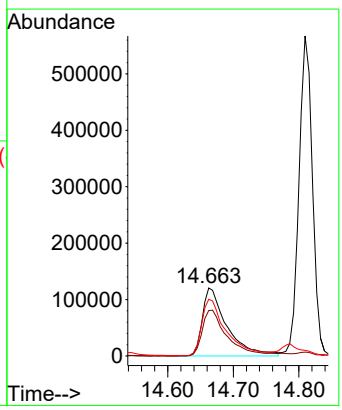
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

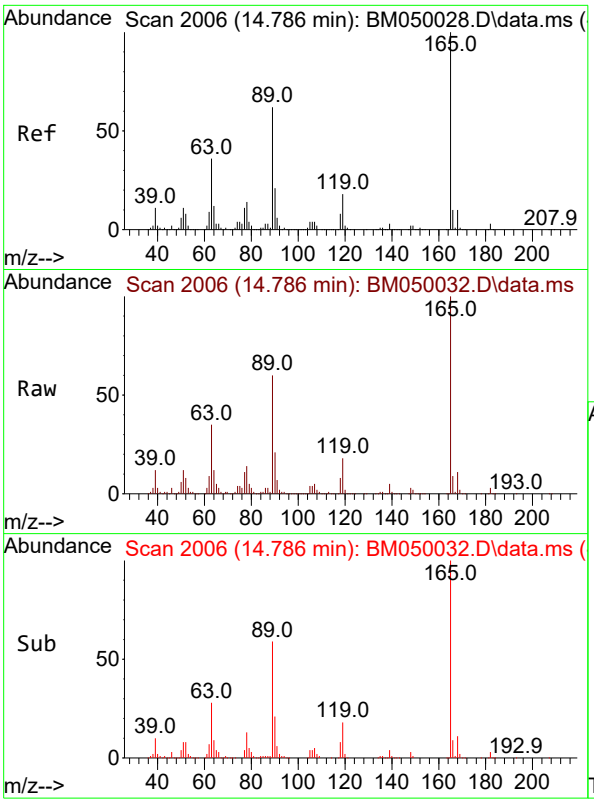


#56
4-Nitrophenol
Concen: 46.012 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:139 Resp: 313065

Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.0	87.0
65	83.4	64.3	104.3

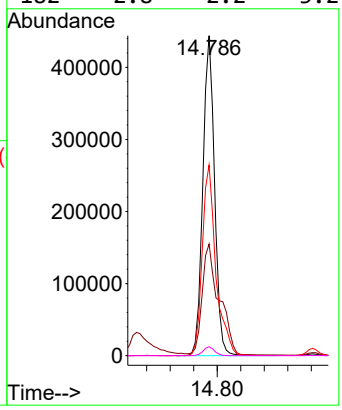




#57
2,4-Dinitrotoluene
Concen: 48.311 ng
RT: 14.786 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:165 Resp: 61194

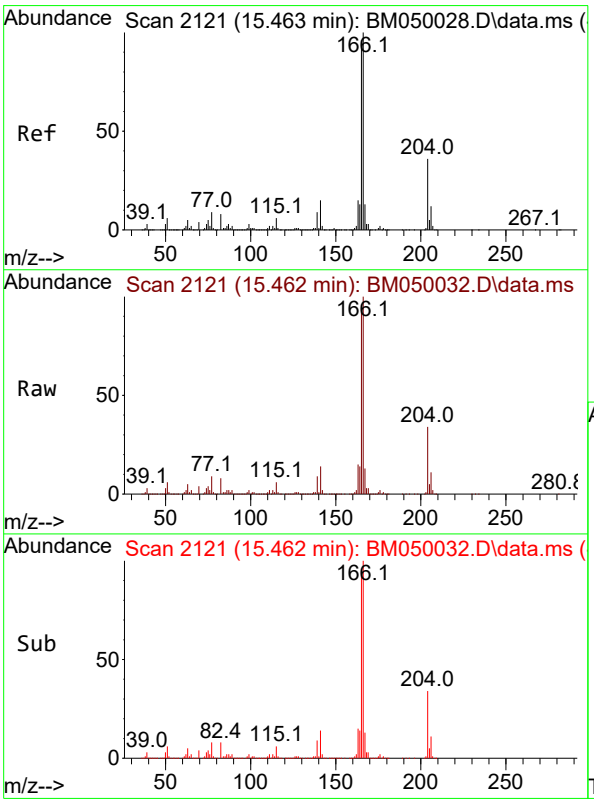
Ion	Ratio	Lower	Upper
165	100		
63	34.9	29.0	43.6
89	59.6	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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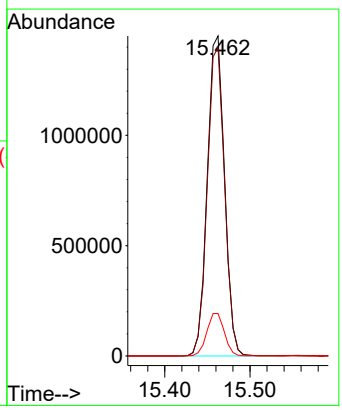
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

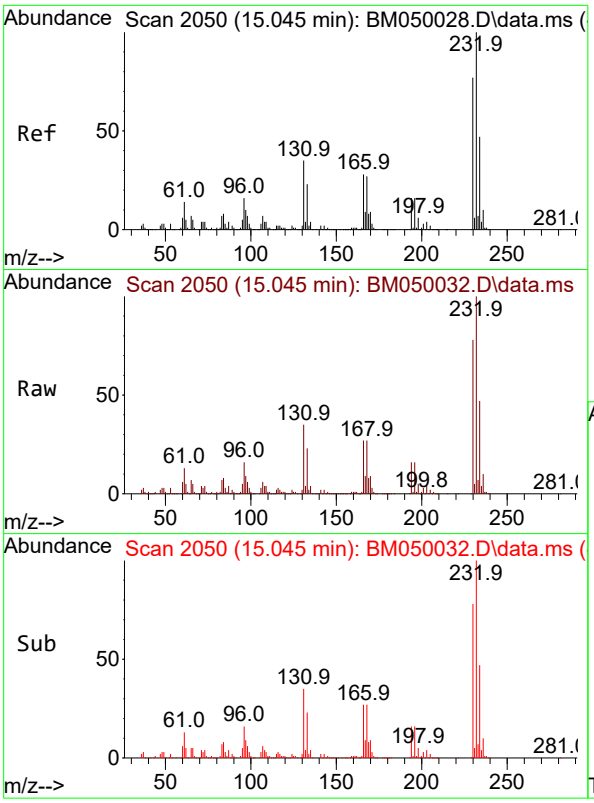


#58
Fluorene
Concen: 46.115 ng
RT: 15.462 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:166 Resp: 2044284

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	13.3	10.6	16.0

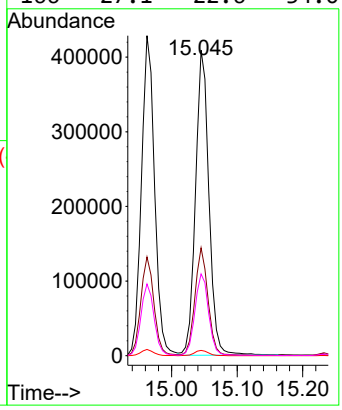




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.970 ng
RT: 15.045 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:232 Resp: 58319

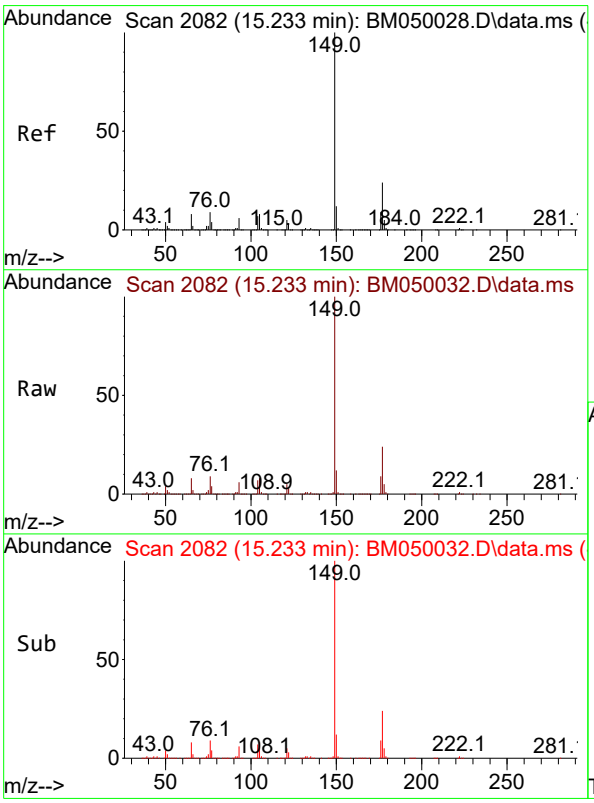
Ion	Ratio	Lower	Upper
232	100		
131	34.5	28.2	42.4
130	1.8	1.5	2.3
166	27.1	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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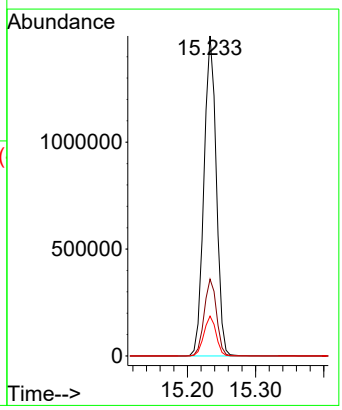
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

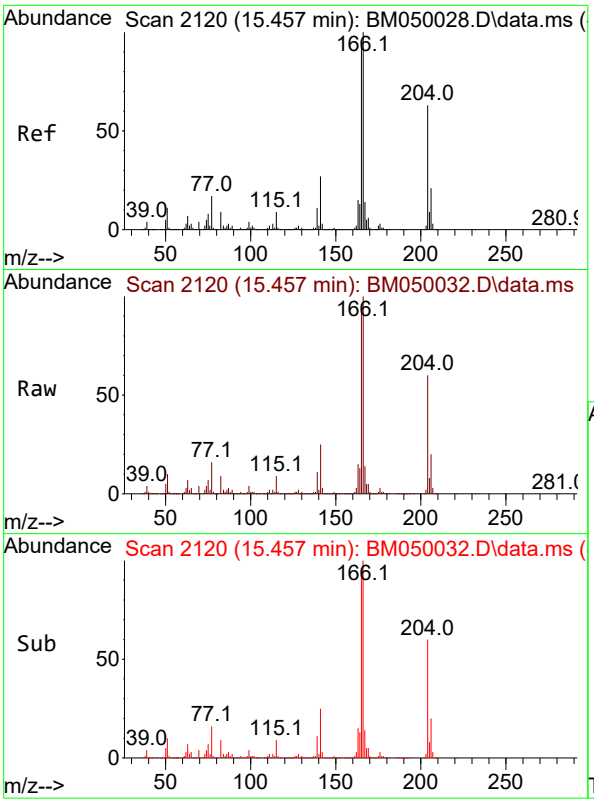


#60
Diethylphthalate
Concen: 45.299 ng
RT: 15.233 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1889827

Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.1	28.7
150	12.4	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 45.950 ng
RT: 15.457 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

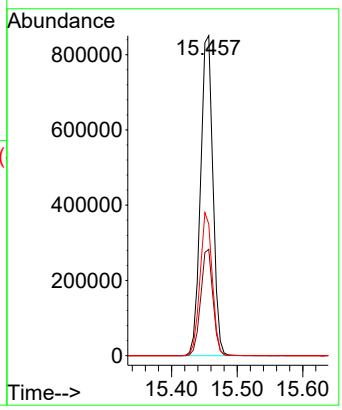
Tgt Ion:204 Resp: 111883

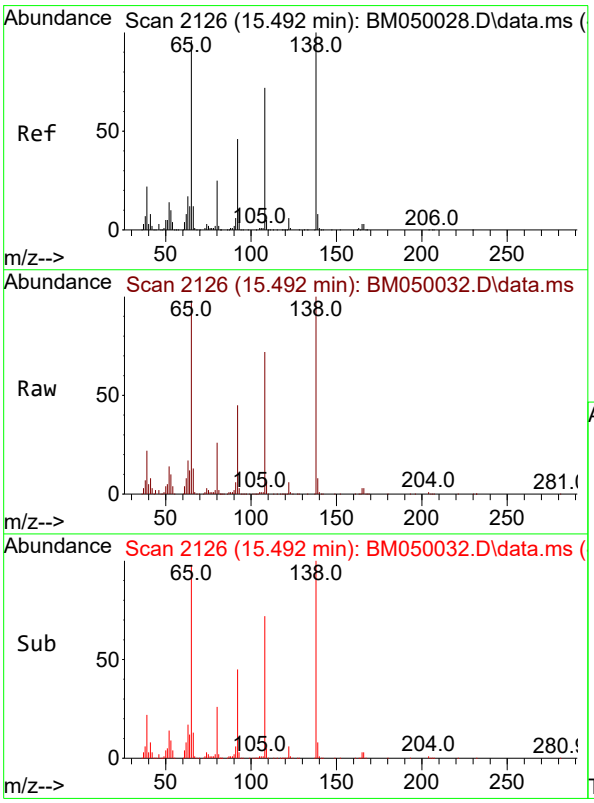
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	41.1	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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

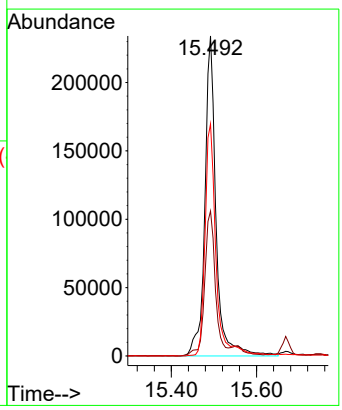


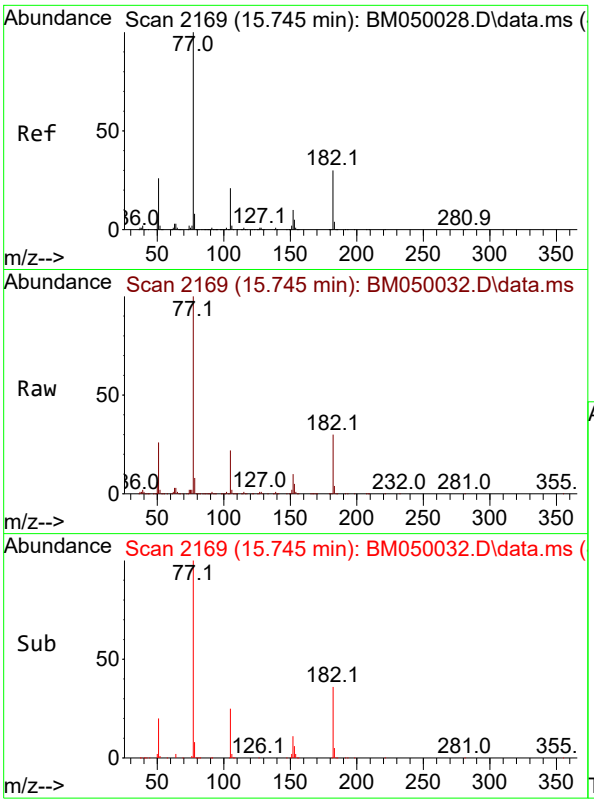


#62
4-Nitroaniline
Concen: 50.610 ng
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:138 Resp: 427339

Ion	Ratio	Lower	Upper
138	100		
92	45.3	25.9	65.9
108	72.5	52.4	92.4

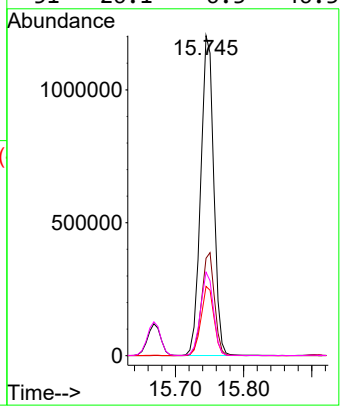




#63
Azobenzene
Concen: 45.747 ng
RT: 15.745 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion: 77 Resp: 159948

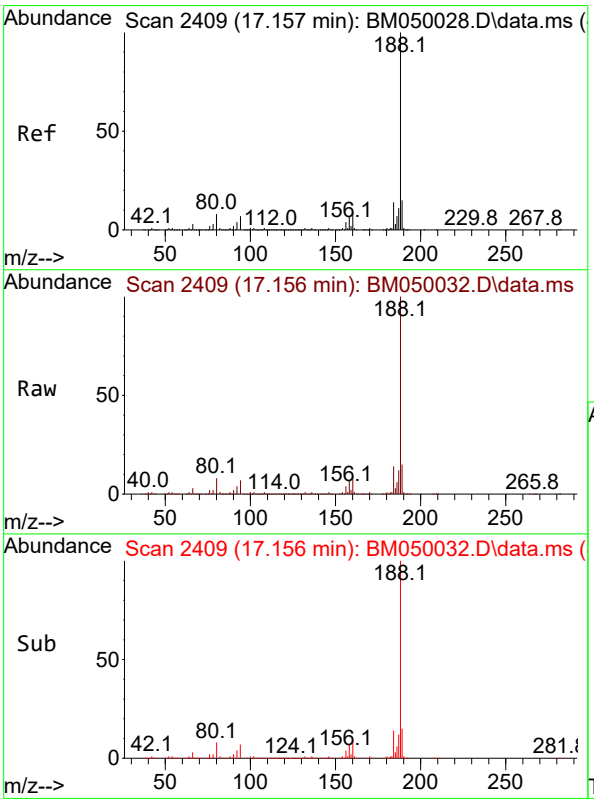
Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.5	50.5
105	21.6	1.1	41.1
51	26.1	6.3	46.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

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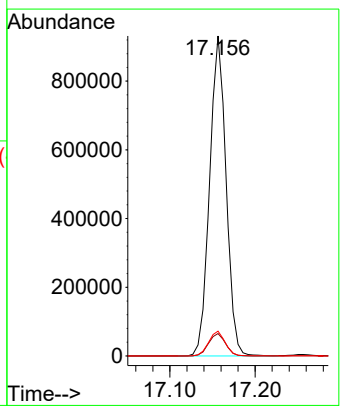
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

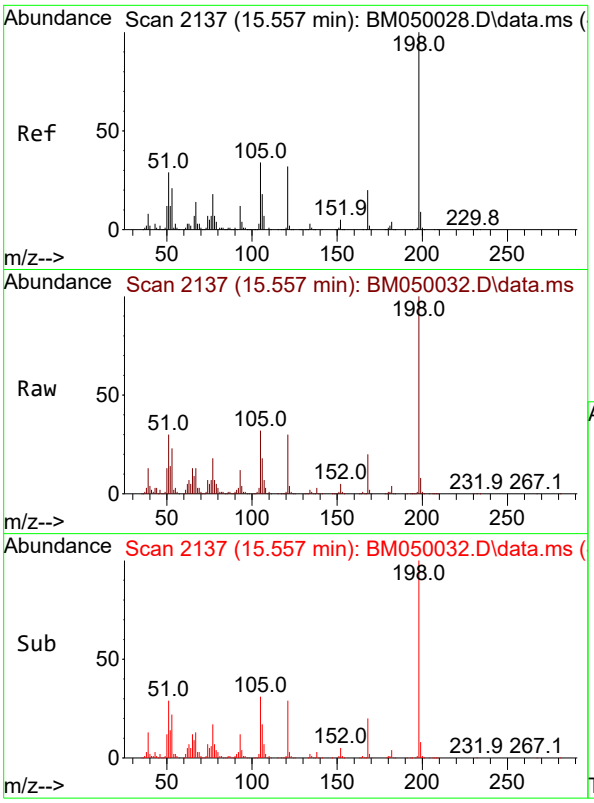


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:188 Resp: 1251563

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.7	8.5
80	7.7	6.2	9.4

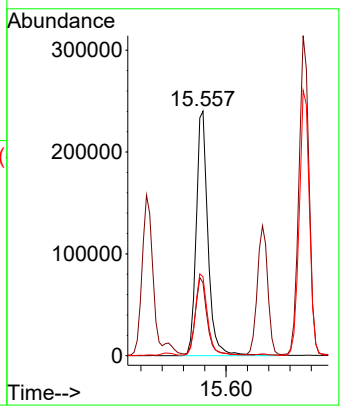




#65
4,6-Dinitro-2-methylphenol
Concen: 46.920 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:198 Resp: 36758

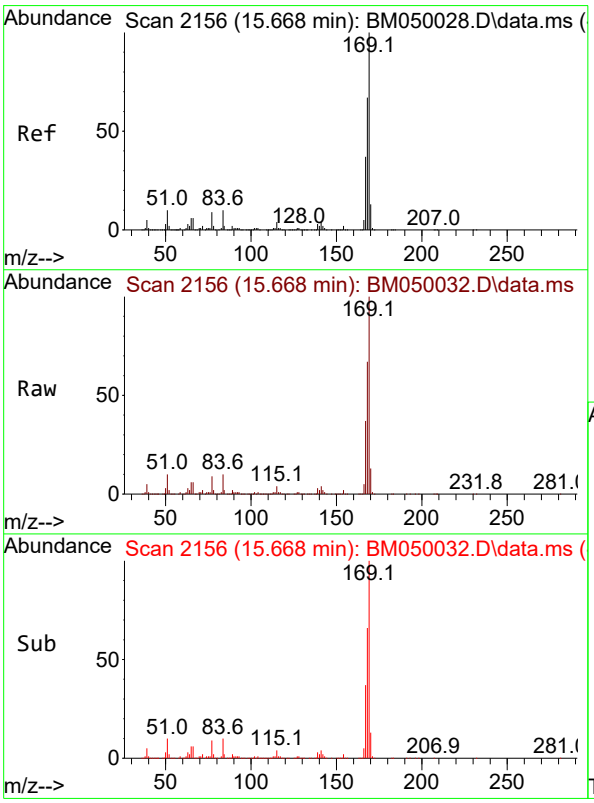
Ion	Ratio	Lower	Upper
198	100		
51	29.9	10.4	50.4
105	32.3	14.6	54.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

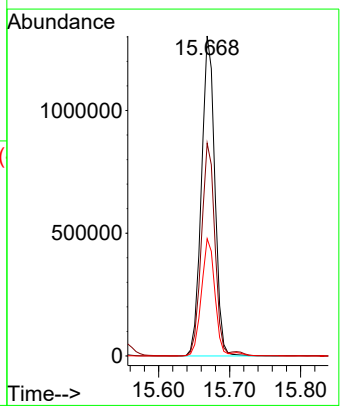
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

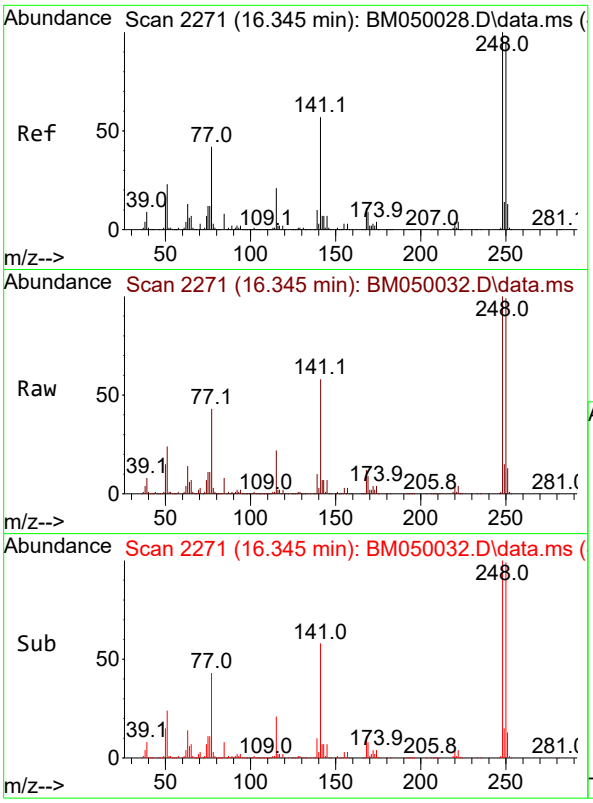


#66
n-Nitrosodiphenylamine
Concen: 44.485 ng
RT: 15.668 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:169 Resp: 1709666

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.4	80.2
167	36.6	29.4	44.0

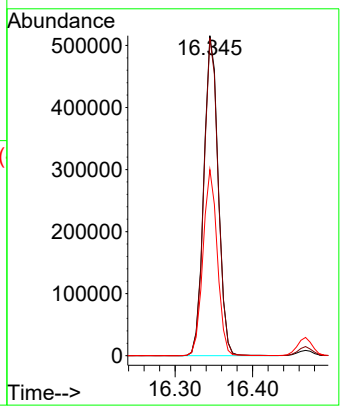




#67
4-Bromophenyl-phenylether
Concen: 43.944 ng
RT: 16.345 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:248 Resp: 66508

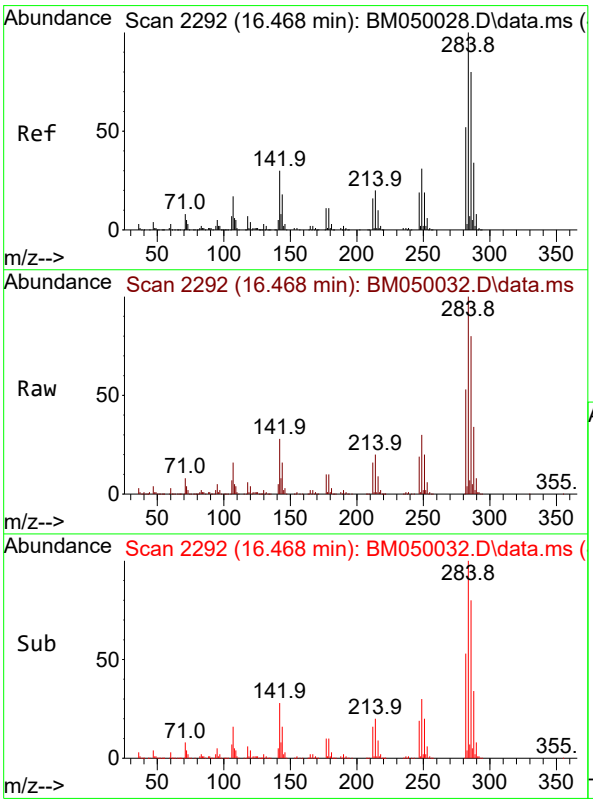
Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.2	114.2
141	58.1	45.9	68.9



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

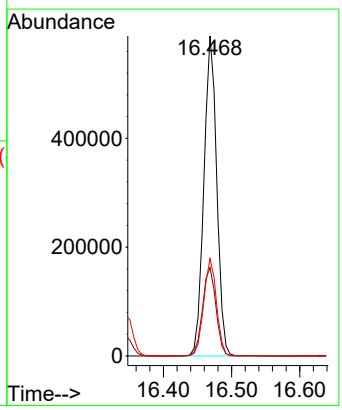
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

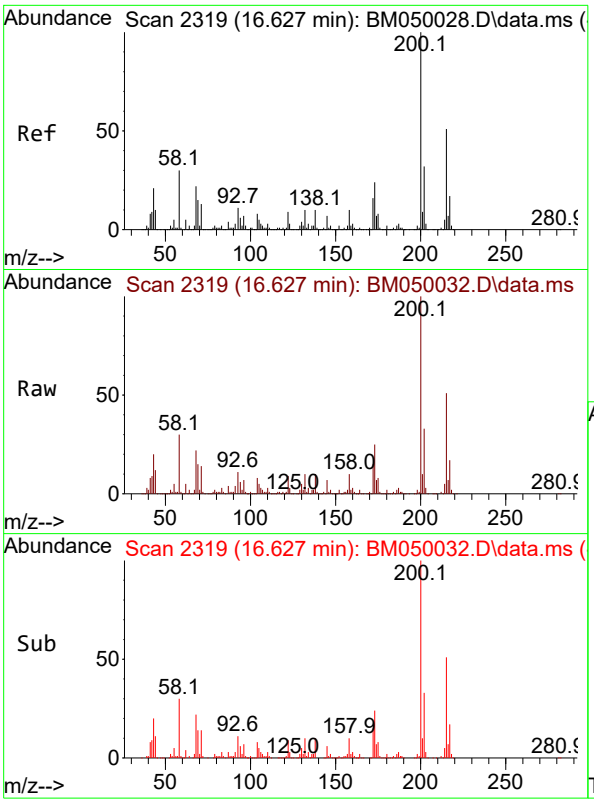


#68
Hexachlorobenzene
Concen: 44.174 ng
RT: 16.468 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:284 Resp: 770651

Ion	Ratio	Lower	Upper
284	100		
142	27.6	23.9	35.9
249	30.4	24.5	36.7

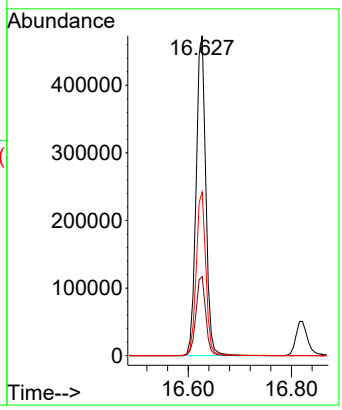




#69
Atrazine
Concen: 44.483 ng
RT: 16.627 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:200 Resp: 61667

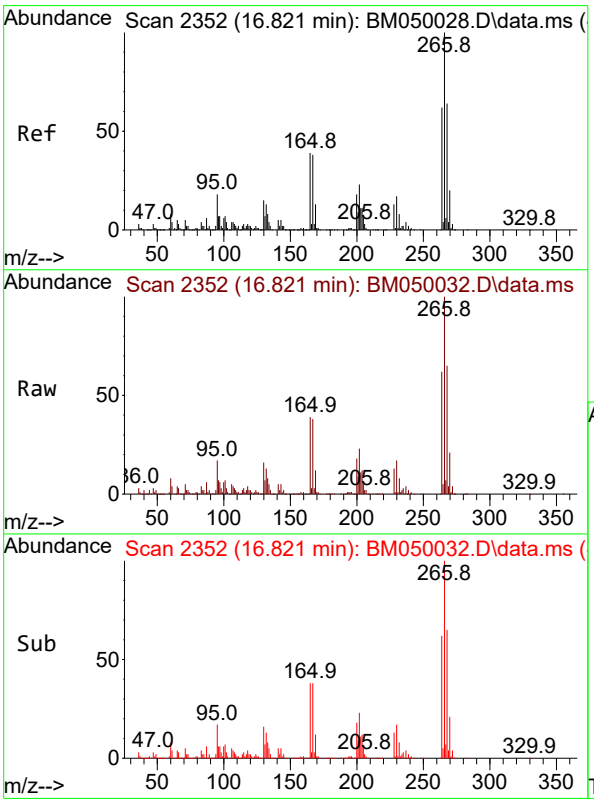
Ion	Ratio	Lower	Upper
200	100		
173	24.7	4.3	44.3
215	51.1	30.6	70.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

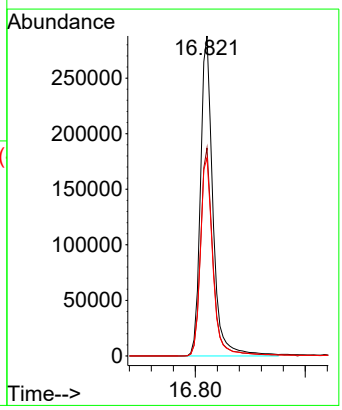
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

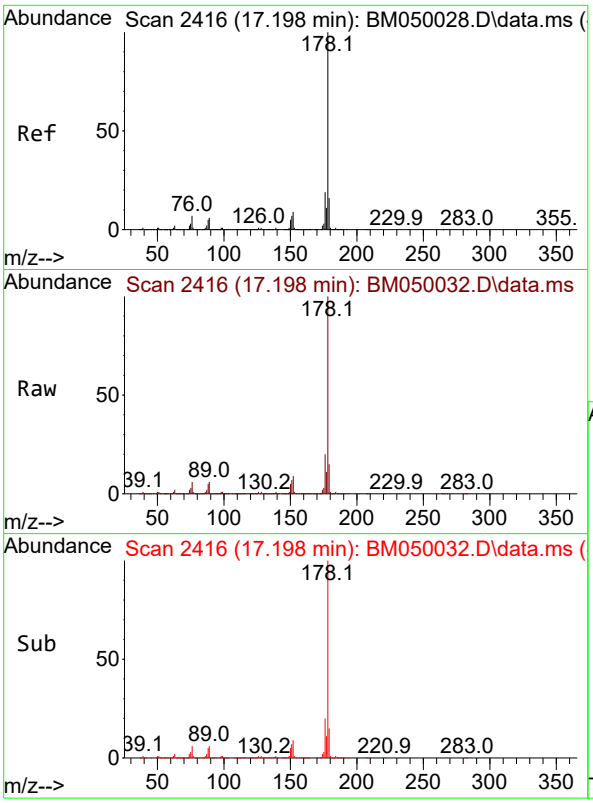


#70
Pentachlorophenol
Concen: 46.059 ng
RT: 16.821 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:266 Resp: 452303

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.2	76.8
264	61.9	49.6	74.4

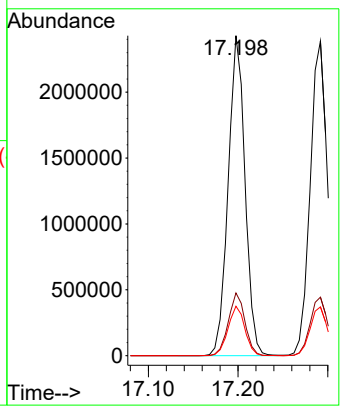




#71
Phenanthrene
Concen: 44.895 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 316914

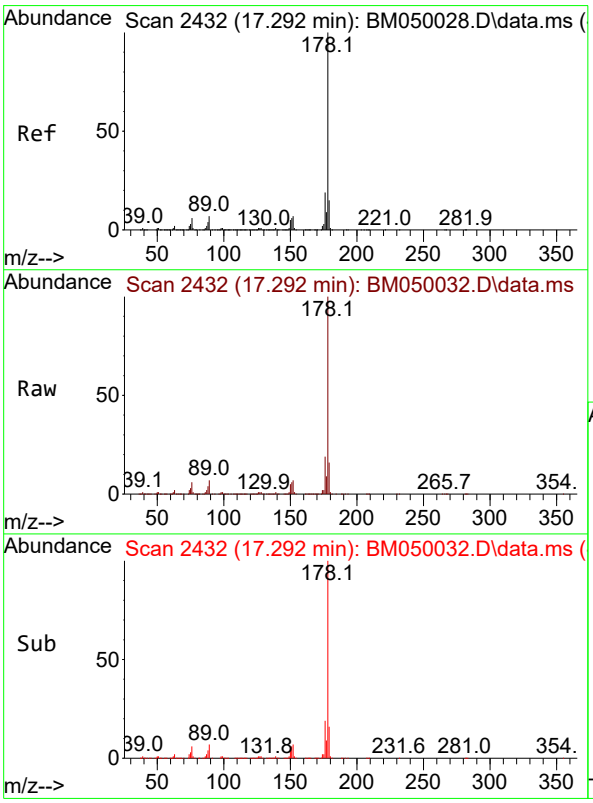
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.4	12.4	18.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

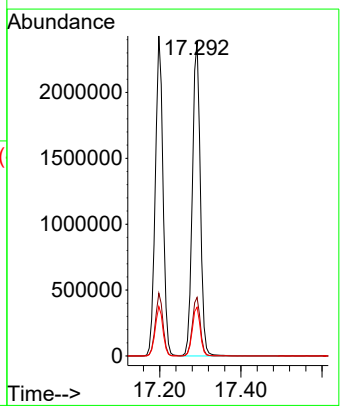
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

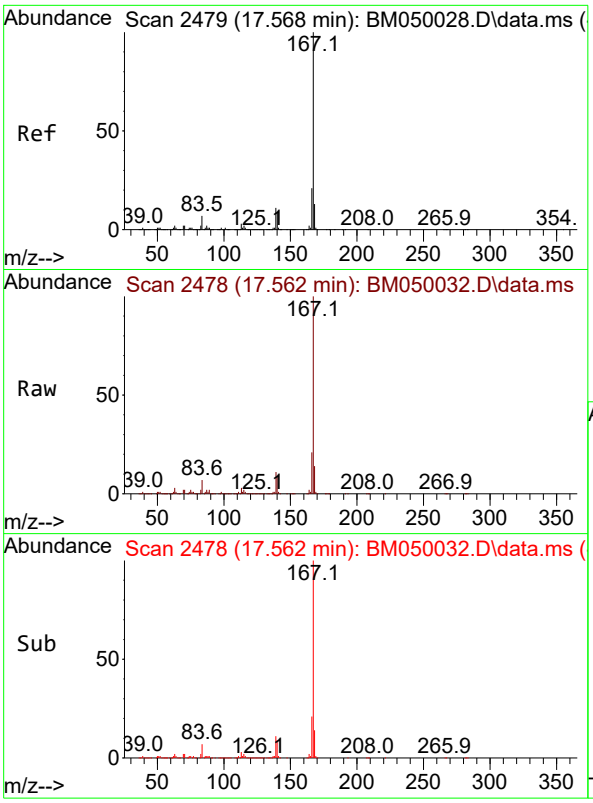


#72
Anthracene
Concen: 45.381 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:178 Resp: 3241829

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.2	18.4

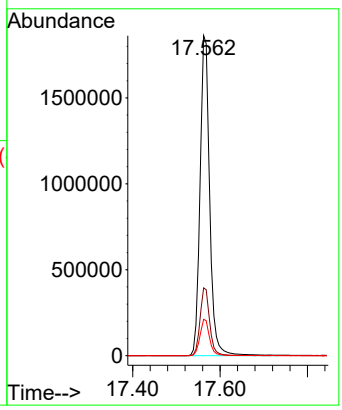




#73
Carbazole
Concen: 46.001 ng
RT: 17.562 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:167 Resp: 285151

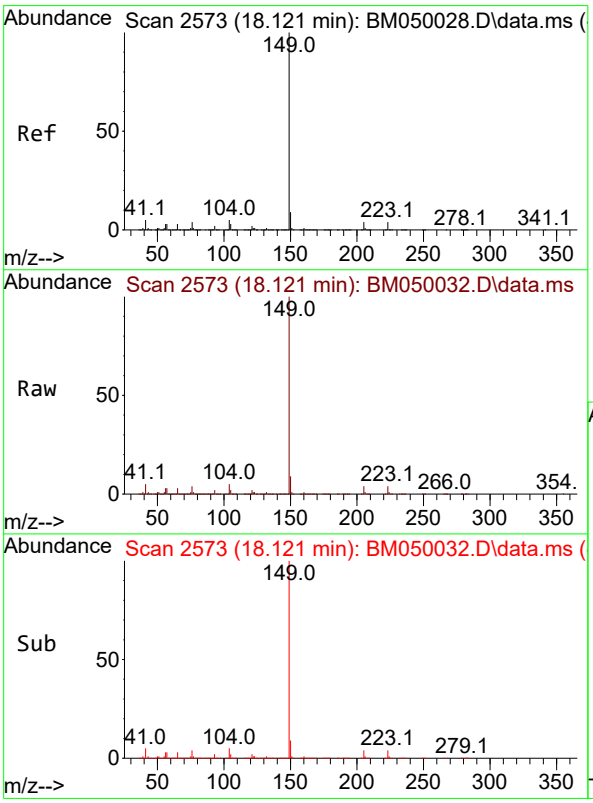
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.3	9.0	13.6



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

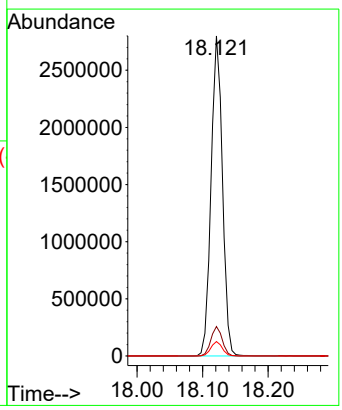
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

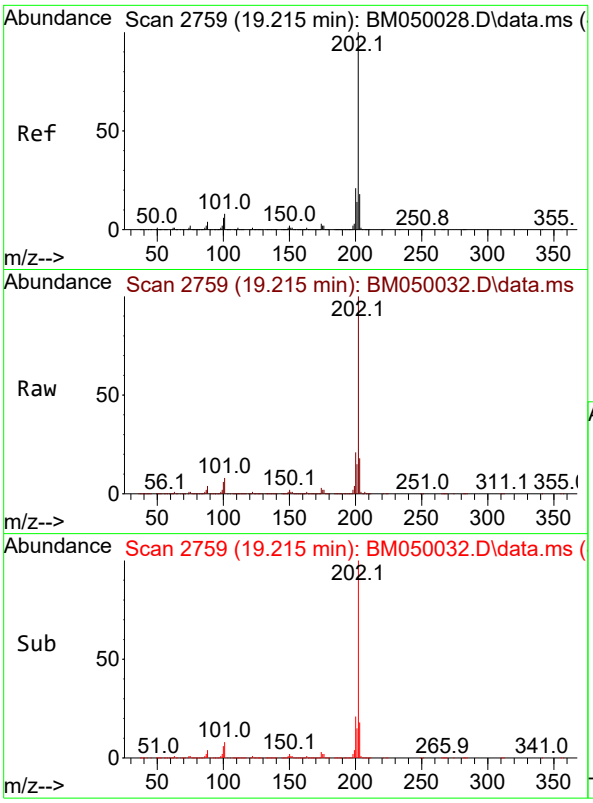


#74
Di-n-butylphthalate
Concen: 45.654 ng
RT: 18.121 min Scan# 2573
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 3370238

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6

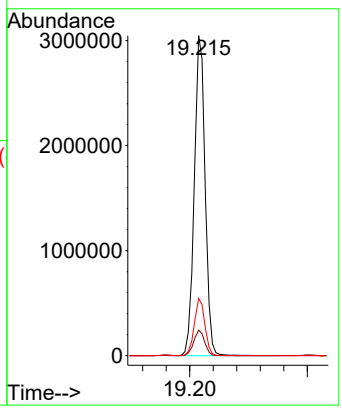




#75
Fluoranthene
Concen: 46.998 ng
RT: 19.215 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 389504

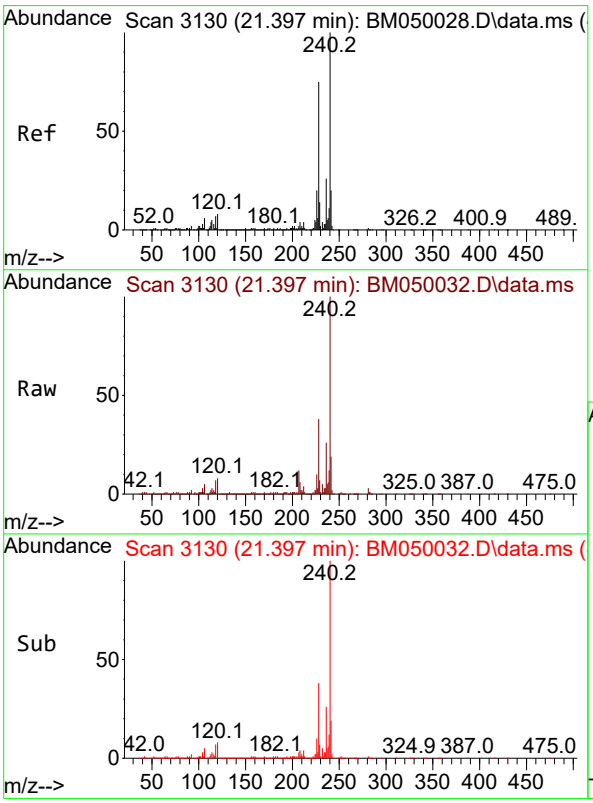
Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.9	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

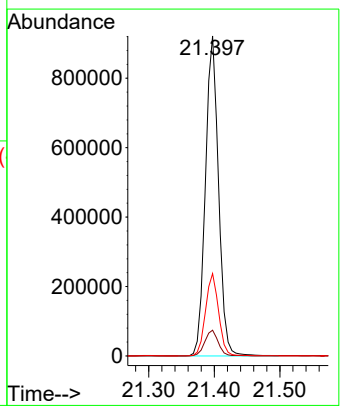
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

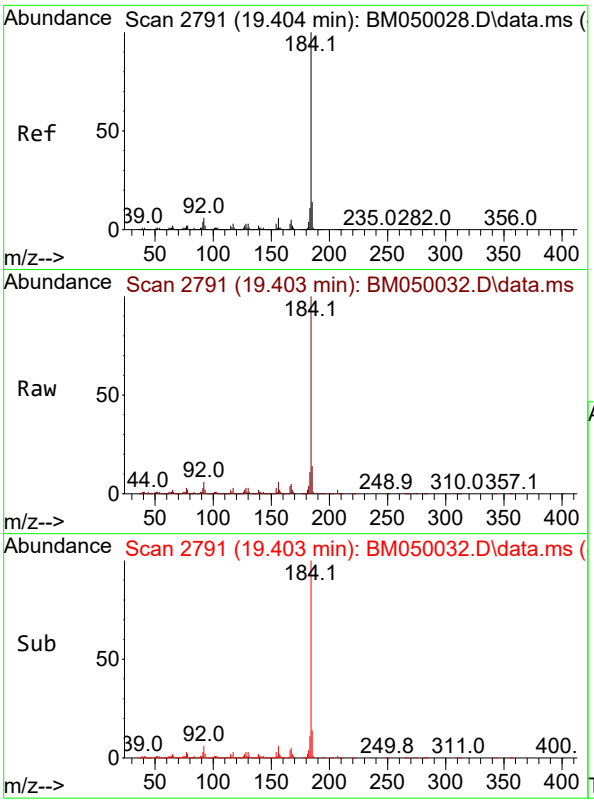


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.397 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:240 Resp: 1285998

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.5	9.7
236	25.8	20.9	31.3

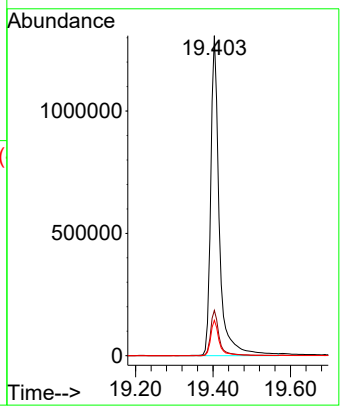




#77
Benzidine
Concen: 44.204 ng
RT: 19.403 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:184 Resp: 201920

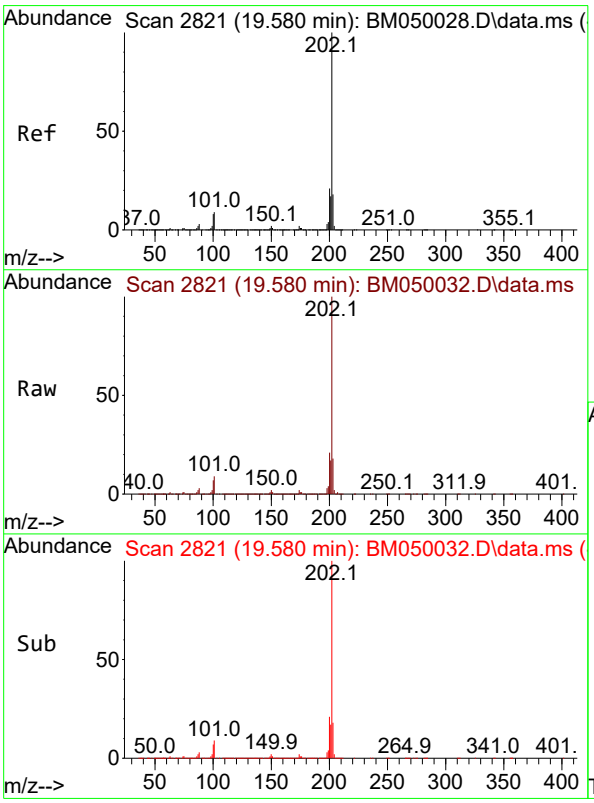
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

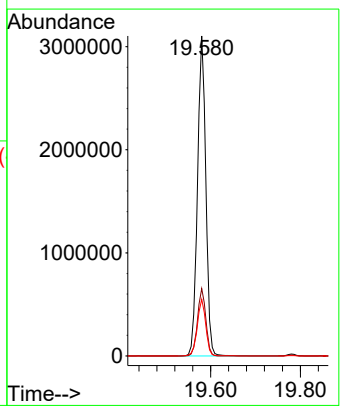
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

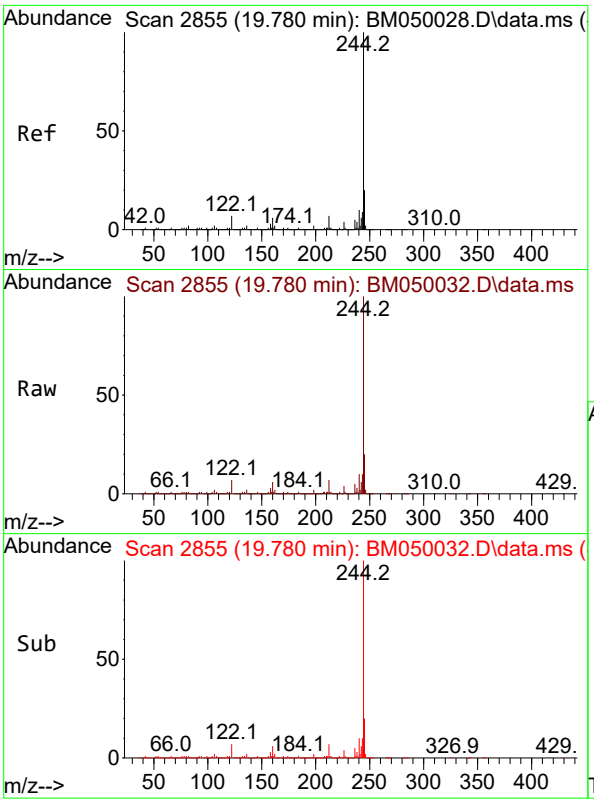


#78
Pyrene
Concen: 44.209 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:202 Resp: 3992384

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.7	14.1	21.1

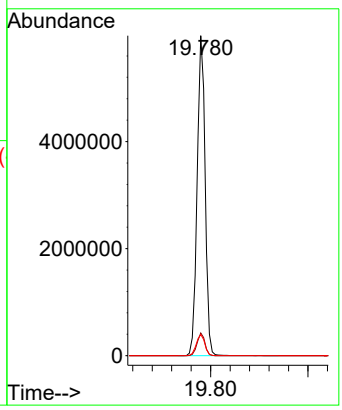




#79
Terphenyl-d14
Concen: 78.970 ng
RT: 19.780 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:244 Resp: 686305

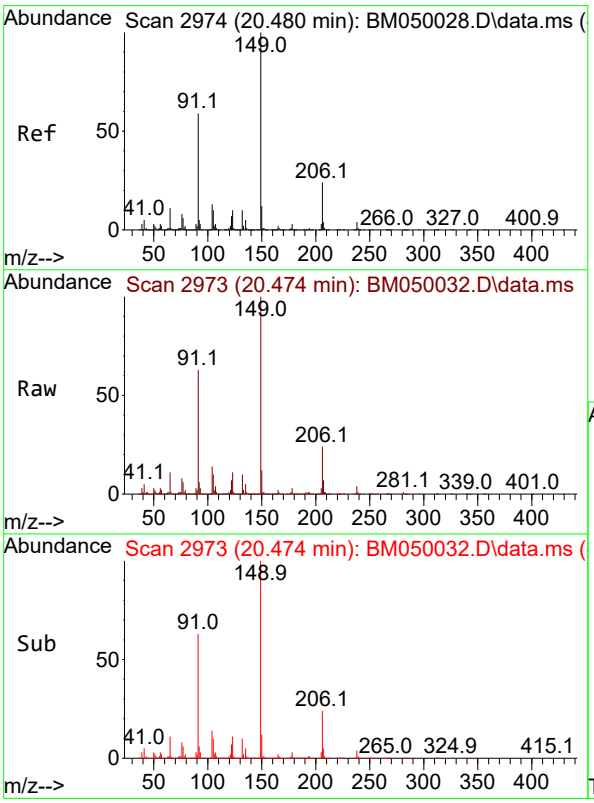
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.6	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

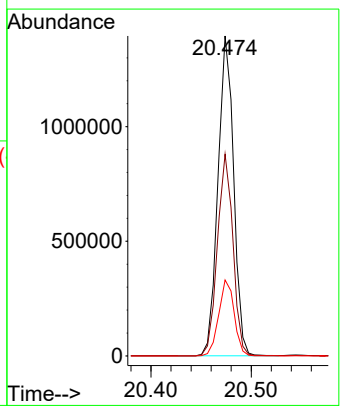
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

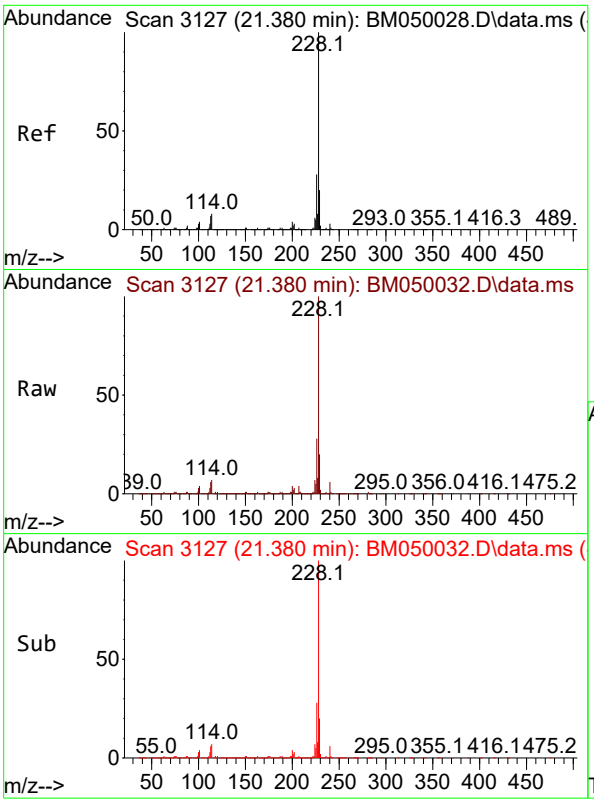


#80
Butylbenzylphthalate
Concen: 44.718 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 1512498

Ion	Ratio	Lower	Upper
149	100		
91	63.0	47.4	71.2
206	23.7	19.4	29.0

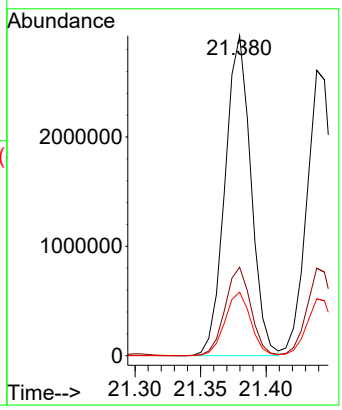




#81
Benzo(a)anthracene
Concen: 45.497 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 402906

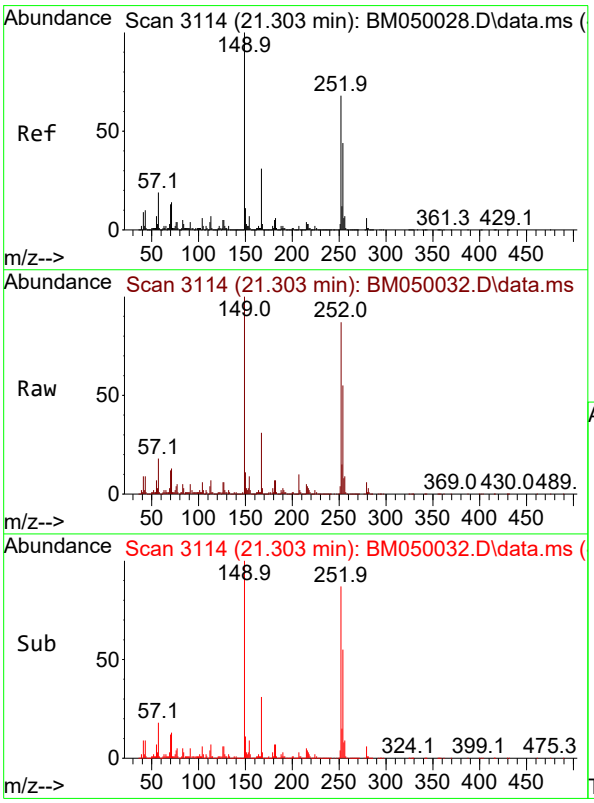
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

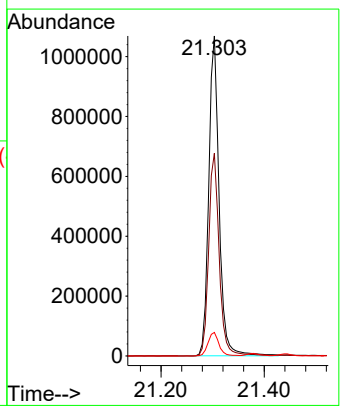
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

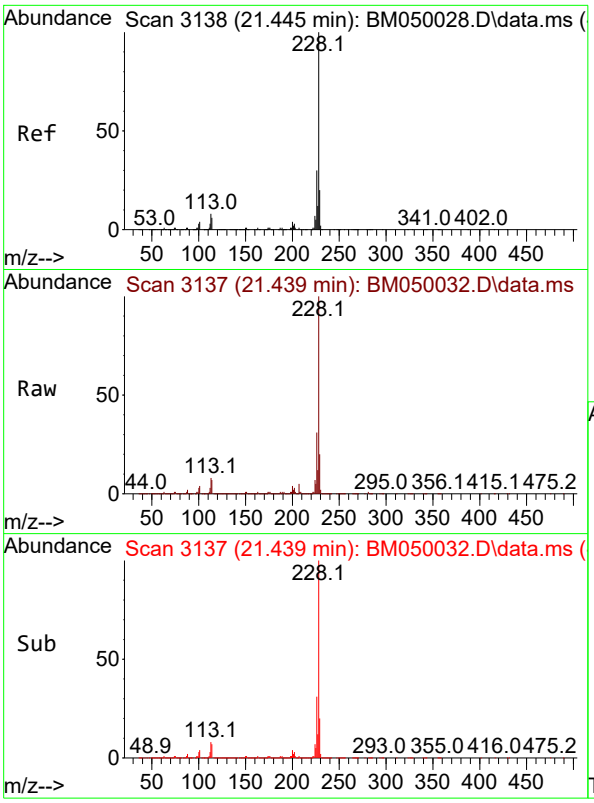


#82
3,3'-Dichlorobenzidine
Concen: 43.871 ng
RT: 21.303 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 1487254

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.8	77.6
126	7.4	6.0	9.0

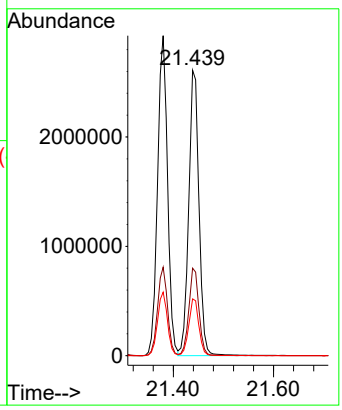




#83
Chrysene
Concen: 44.967 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:228 Resp: 368560

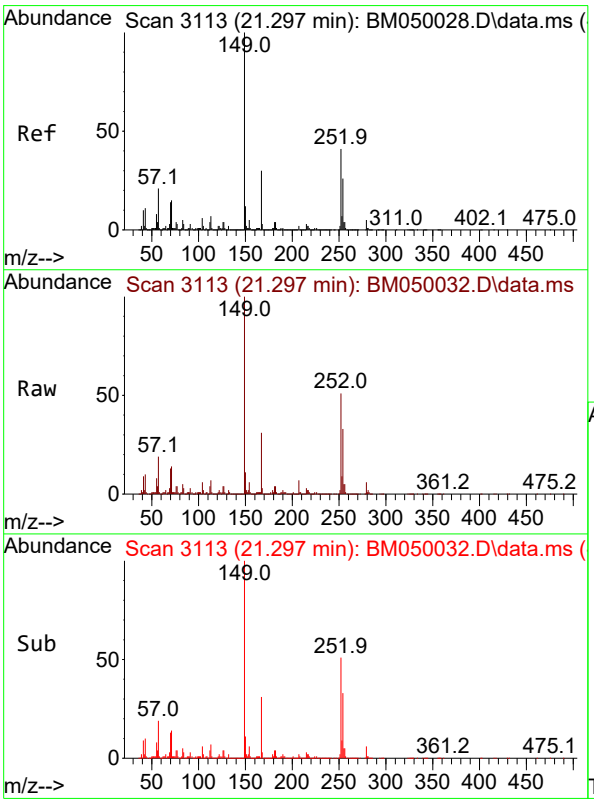
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

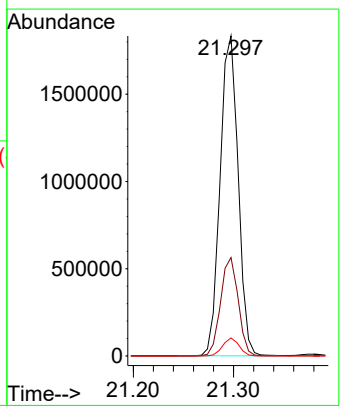
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

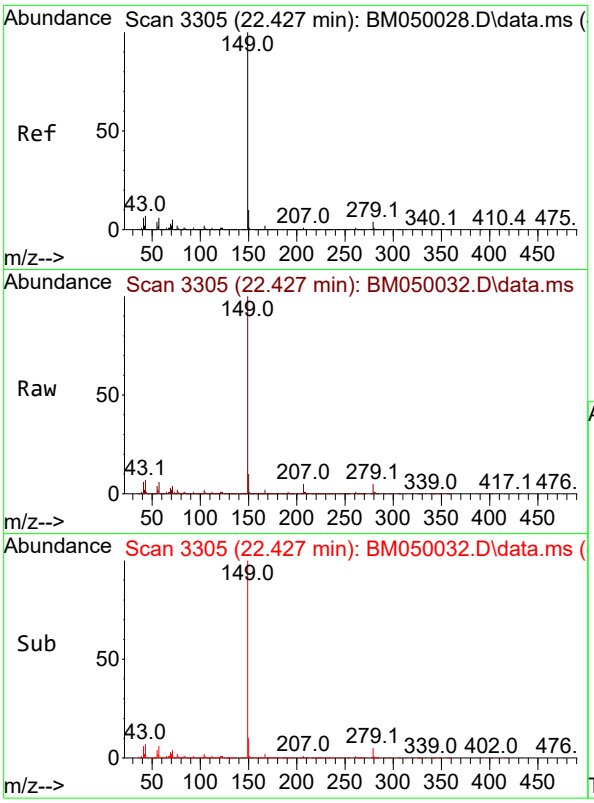


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.224 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 2284769

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.1	36.1
279	5.6	3.9	5.9

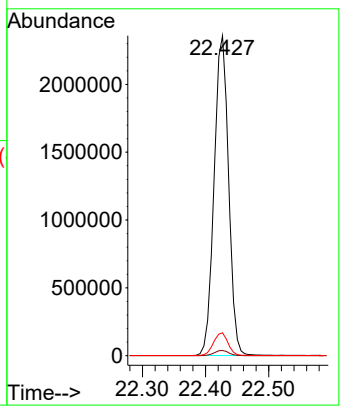




#85
Di-n-octyl phthalate
Concen: 44.974 ng
RT: 22.427 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:149 Resp: 374709

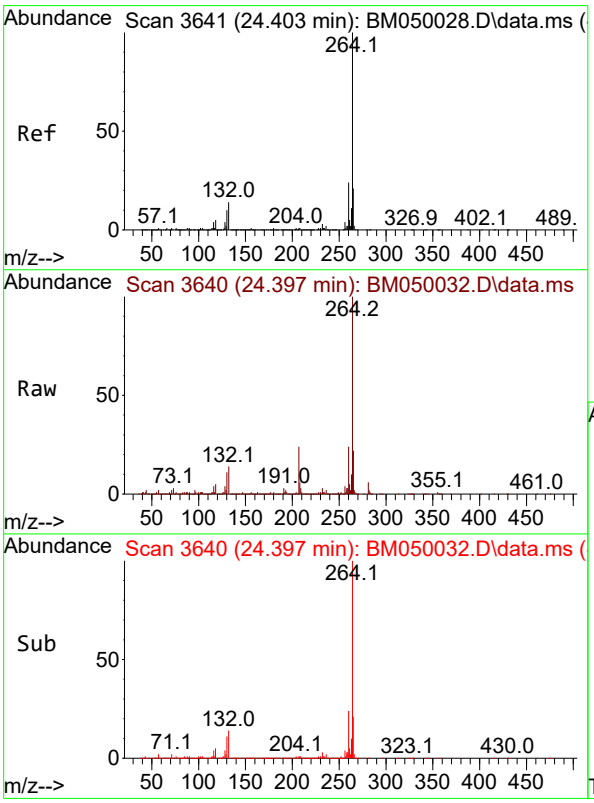
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

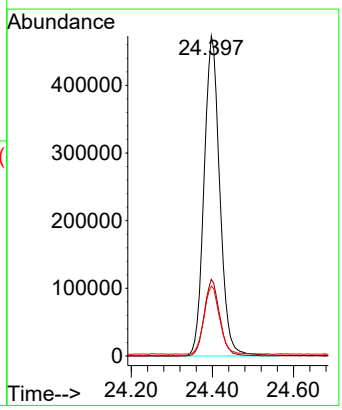
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

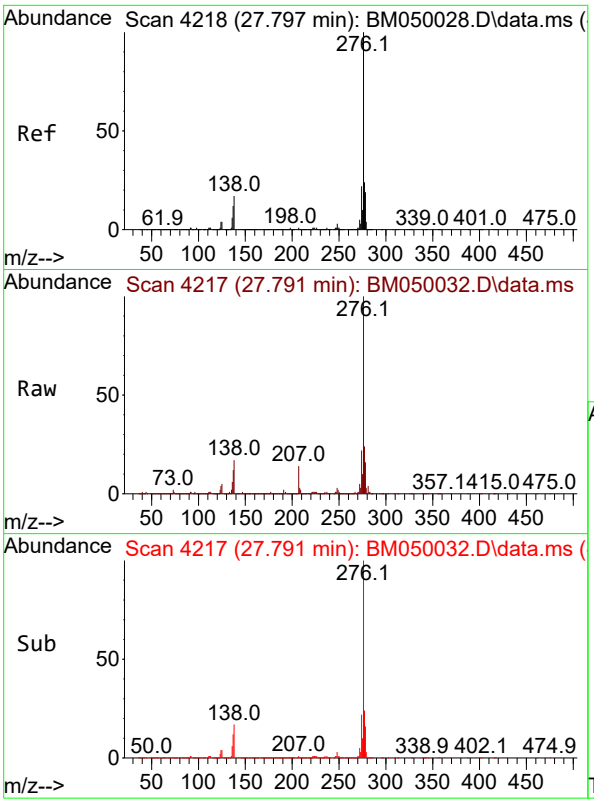


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.397 min Scan# 3640
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:264 Resp: 1266367

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.9	17.0	25.4

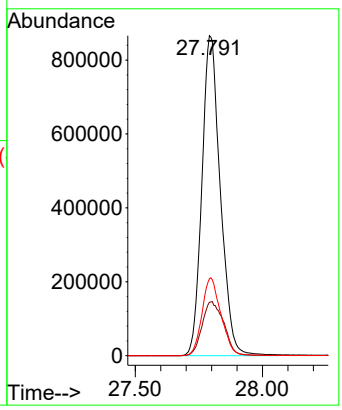




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.249 ng
RT: 27.791 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 436403

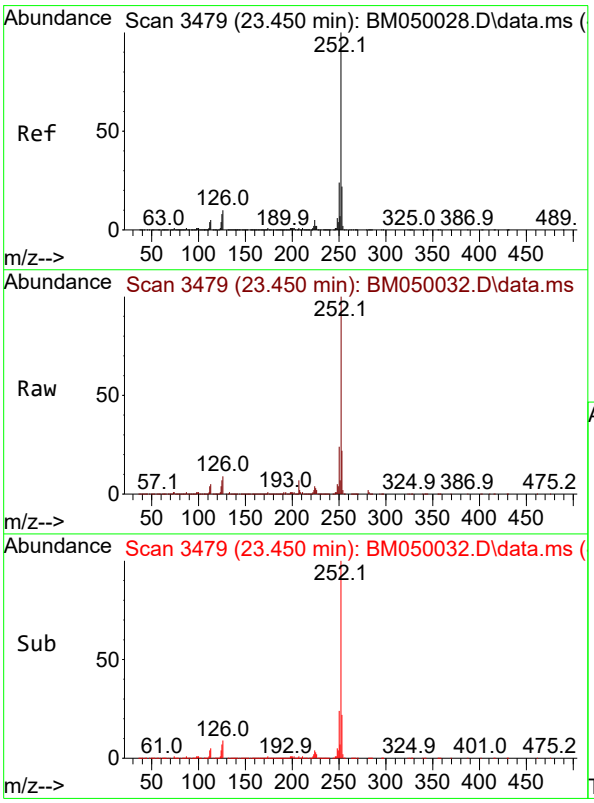
Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	25.0	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

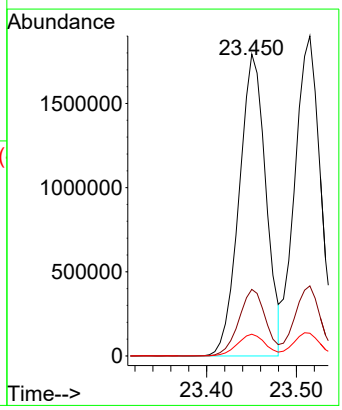
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

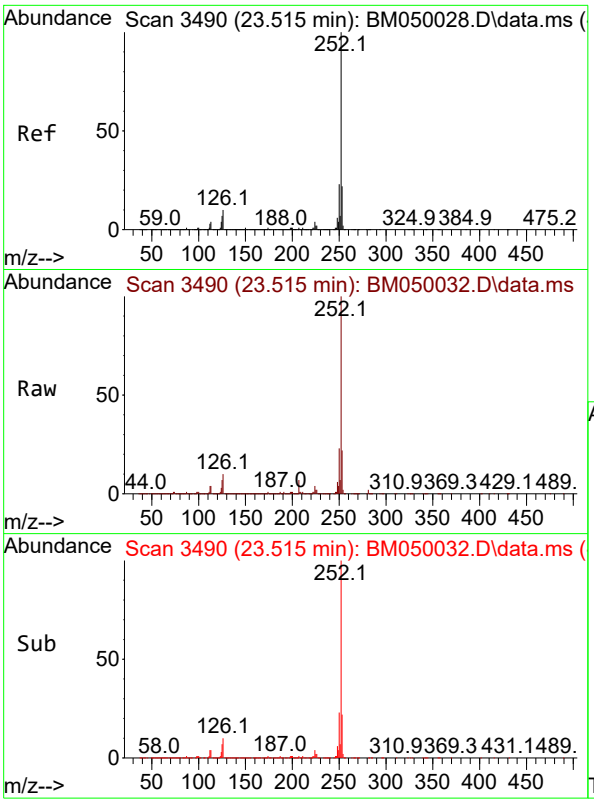


#88
Benzo(b)fluoranthene
Concen: 45.066 ng
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3711451

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.2	6.1	9.1

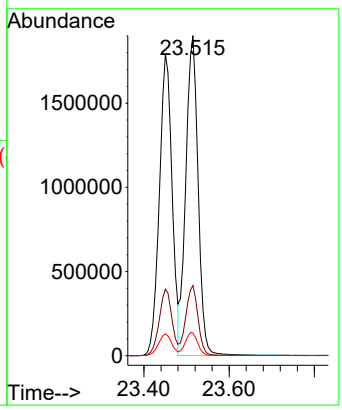




#89
Benzo(k)fluoranthene
Concen: 45.780 ng
RT: 23.515 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 381373

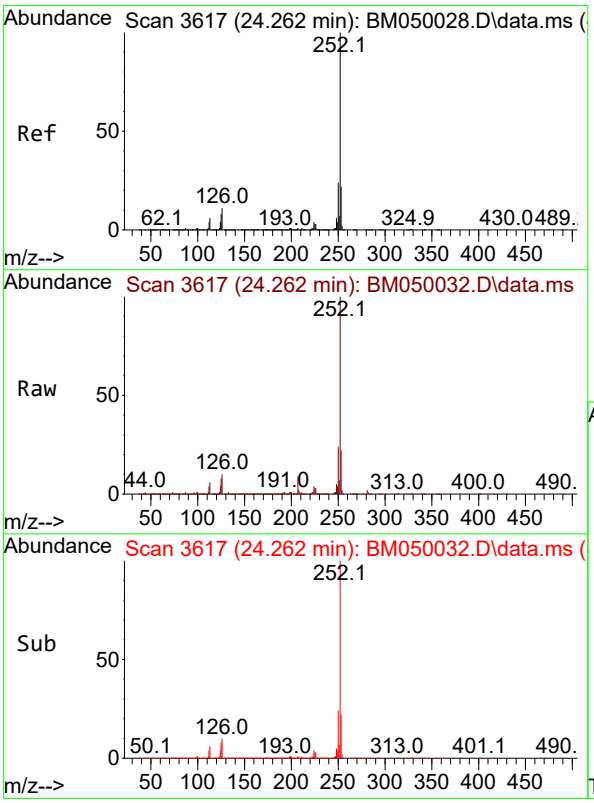
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.1	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

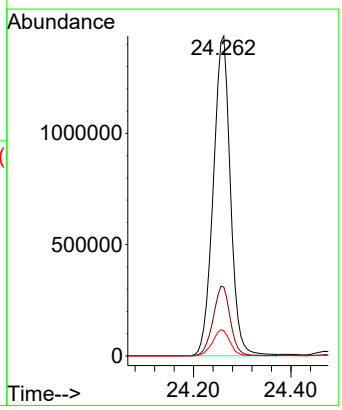
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025

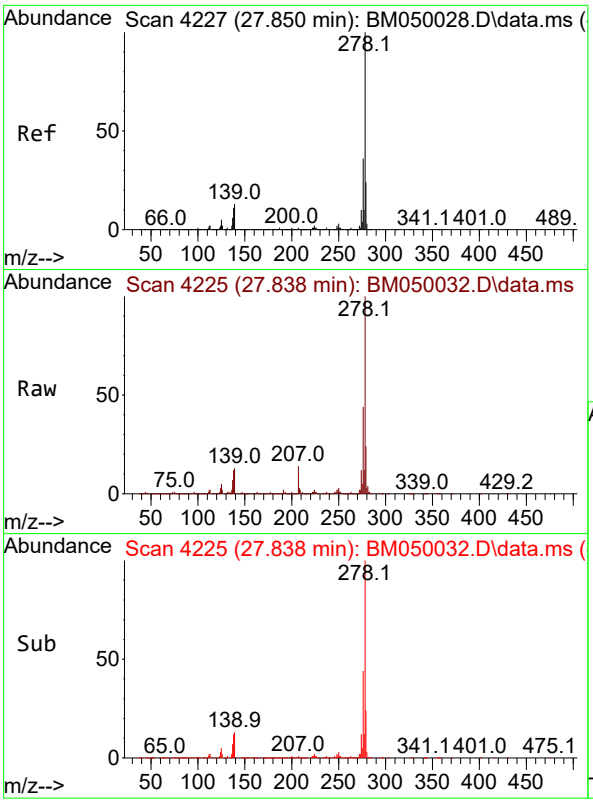


#90
Benzo(a)pyrene
Concen: 45.577 ng
RT: 24.262 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:252 Resp: 3515582

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	7.9	6.6	9.8

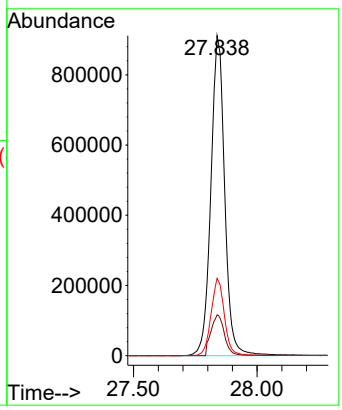




#91
Dibenzo(a,h)anthracene
Concen: 46.091 ng
RT: 27.838 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:278 Resp: 354529

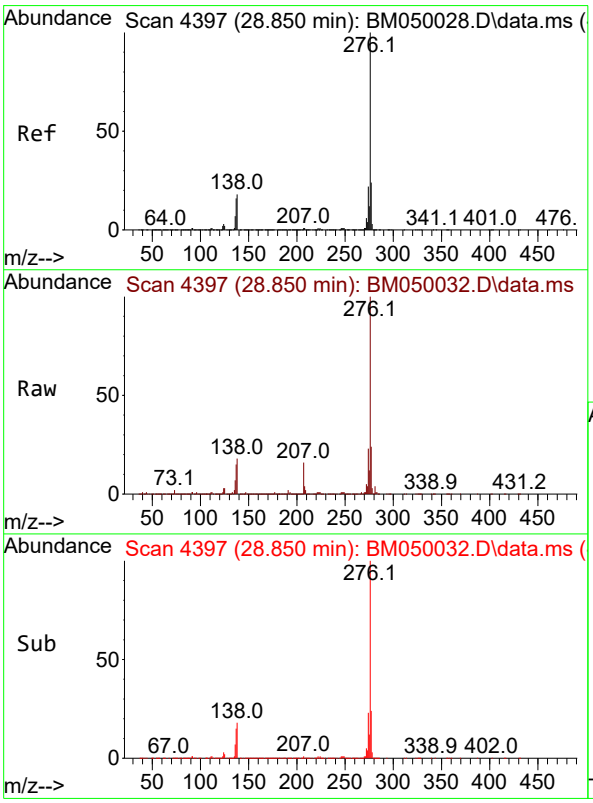
Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.5	15.7
279	24.1	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Manual Integrations
APPROVED

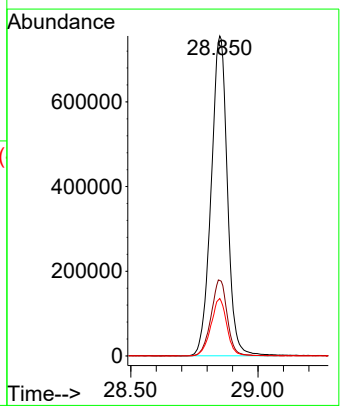
Reviewed By :Rahul Chavli 04/29/2025
Supervised By :Jagrut Upadhyay 04/29/2025



#92
Benzo(g,h,i)perylene
Concen: 45.437 ng
RT: 28.850 min Scan# 4397
Delta R.T. -0.000 min
Lab File: BM050032.D
Acq: 28 Apr 2025 17:43

Tgt Ion:276 Resp: 3345997

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	17.9	14.3	21.5



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
2		1,4-Dioxane	0.490	0.551	-12.4	103	0.00
3		Pyridine	1.258	1.464	-16.4	105	0.00
4		n-Nitrosodimethylamine	0.493	0.567	-15.0	104	0.00
5	S	2-Fluorophenol	1.142	1.255	-9.9	99	0.00
6		Aniline	1.813	2.118	-16.8	104	0.00
7	S	Phenol-d6	1.436	1.617	-12.6	100	0.00
8		2-Chlorophenol	1.235	1.412	-14.3	103	0.00
9		Benzaldehyde	0.961	1.055	-9.8	98	0.00
10	C	Phenol	1.453	1.704	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	1.213	1.381	-13.8	103	0.00
12		1,3-Dichlorobenzene	1.492	1.666	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	1.499	1.684	-12.3	103	0.00
14		1,2-Dichlorobenzene	1.448	1.635	-12.9	103	0.00
15		Benzyl Alcohol	0.996	1.199	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.475	1.657	-12.3	102	0.00
17		2-Methylphenol	0.957	1.129	-18.0	104	0.00
18		Hexachloroethane	0.533	0.596	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	0.921	1.102	-19.7	105	0.00
20		3+4-Methylphenols	1.293	1.551	-20.0	106	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.497	0.561	-12.9	104	0.00
23	S	Nitrobenzene-d5	0.406	0.395	2.7	90	0.00
24		Nitrobenzene	0.351	0.396	-12.8	104	0.00
25		Isophorone	0.692	0.789	-14.0	107	0.00
26	C	2-Nitrophenol	0.179	0.211	-17.9	106	0.00
27		2,4-Dimethylphenol	0.297	0.345	-16.2	105	0.00
28		bis(2-Chloroethoxy)methane	0.428	0.480	-12.1	104	0.00
29	C	2,4-Dichlorophenol	0.333	0.386	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	0.406	0.450	-10.8	104	0.00
31		Naphthalene	1.013	1.131	-11.6	105	0.00
32		Benzoic acid	0.190	0.219	-15.3	109	0.00
33		4-Chloroaniline	0.415	0.492	-18.6	110	0.00
34	C	Hexachlorobutadiene	0.258	0.284	-10.1	103	0.00
35		Caprolactam	0.097	0.113	-16.5	107	0.00
36	C	4-Chloro-3-methylphenol	0.308	0.360	-16.9	109	0.00
37		2-Methylnaphthalene	0.679	0.770	-13.4	107	0.00
38		1-Methylnaphthalene	0.719	0.812	-12.9	106	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	0.692	0.764	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	0.423	0.469	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	0.296	0.335	-13.2	108	0.00
43	C	2,4,6-Trichlorophenol	0.439	0.506	-15.3	109	0.00
44		2,4,5-Trichlorophenol	0.474	0.548	-15.6	108	0.00
45	S	2-Fluorobiphenyl	1.691	1.612	4.7	91	0.00
46		1,1'-Biphenyl	1.487	1.643	-10.5	107	0.00
47		2-Chloronaphthalene	1.177	1.315	-11.7	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.329	-19.2	112	0.00
49		Acenaphthylene	1.857	2.103	-13.2	109	0.00
50		Dimethylphthalate	1.462	1.657	-13.3	111	0.00
51		2,6-Dinitrotoluene	0.303	0.360	-18.8	113	0.00
52	C	Acenaphthene	1.075	1.215	-13.0	110	0.00
53		3-Nitroaniline	0.289	0.353	-22.1	113	0.00
54	P	2,4-Dinitrophenol	0.164	0.206	-25.6#	119	0.00
55		Dibenzofuran	1.788	2.004	-12.1	109	0.00
56	P	4-Nitrophenol	0.205	0.258	-25.9#	118	0.00
57		2,4-Dinitrotoluene	0.418	0.505	-20.8	113	0.00
58		Fluorene	1.463	1.687	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	0.410	0.481	-17.3	113	0.00
60		Diethylphthalate	1.377	1.560	-13.3	111	0.00
61		4-Chlorophenyl-phenylether	0.804	0.923	-14.8	110	0.00
62		4-Nitroaniline	0.279	0.353	-26.5#	115	0.00
63		Azobenzene	1.154	1.320	-14.4	111	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	117	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.683	-11.2	112	0.00
67		4-Bromophenyl-phenylether	0.242	0.266	-9.9	111	0.00
68		Hexachlorobenzene	0.279	0.308	-10.4	113	0.00
69		Atrazine	0.222	0.246	-10.8	112	0.00
70	C	Pentachlorophenol	0.157	0.181	-15.3	117	0.00
71		Phenanthrene	1.128	1.266	-12.2	115	0.00
72		Anthracene	1.142	1.295	-13.4	115	0.00
73		Carbazole	0.991	1.139	-14.9	116	0.00
74		Di-n-butylphthalate	1.180	1.346	-14.1	116	0.00
75	C	Fluoranthene	1.324	1.556	-17.5	119	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.710	0.785	-10.6	117	0.00
78		Pyrene	1.404	1.552	-10.5	118	0.00
79	S	Terphenyl-d14	1.352	1.334	1.3	101	0.00
80		Butylbenzylphthalate	0.526	0.588	-11.8	121	0.00
81		Benzo(a)anthracene	1.377	1.567	-13.8	122	0.00
82		3,3'-Dichlorobenzidine	0.527	0.578	-9.7	115	0.00
83		Chrysene	1.275	1.433	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	0.786	0.888	-13.0	122	0.00
85	c	Di-n-octyl phthalate	1.296	1.457	-12.4	123	0.00
86	I	Perylene-d12	1.000	1.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	1.490	1.723	-15.6	127	0.00
88		Benzo(b)fluoranthene	1.301	1.465	-12.6	123	0.00
89		Benzo(k)fluoranthene	1.316	1.506	-14.4	128	0.00
90	C	Benzo(a)pyrene	1.218	1.388	-14.0	127	0.00
91		Dibenzo(a,h)anthracene	1.215	1.400	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	1.163	1.321	-13.6	126	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 28 18:14:31 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	95	0.00
2		1,4-Dioxane	40.000	44.976	-12.4	103	0.00
3		Pyridine	40.000	46.534	-16.3	105	0.00
4		n-Nitrosodimethylamine	40.000	45.956	-14.9	104	0.00
5	S	2-Fluorophenol	80.000	87.928	-9.9	99	0.00
6		Aniline	40.000	46.744	-16.9	104	0.00
7	S	Phenol-d6	80.000	90.140	-12.7	100	0.00
8		2-Chlorophenol	40.000	45.724	-14.3	103	0.00
9		Benzaldehyde	40.000	43.937	-9.8	98	0.00
10	C	Phenol	40.000	46.913	-17.3	106	0.00
11		bis(2-Chloroethyl)ether	40.000	45.521	-13.8	103	0.00
12		1,3-Dichlorobenzene	40.000	44.672	-11.7	102	0.00
13	C	1,4-Dichlorobenzene	40.000	44.941	-12.4	103	0.00
14		1,2-Dichlorobenzene	40.000	45.174	-12.9	103	0.00
15		Benzyl Alcohol	40.000	48.167	-20.4	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	44.929	-12.3	102	0.00
17		2-Methylphenol	40.000	47.153	-17.9	104	0.00
18		Hexachloroethane	40.000	44.738	-11.8	102	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	47.892	-19.7	105	0.00
20		3+4-Methylphenols	40.000	47.974	-19.9	106	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	45.153	-12.9	104	0.00
23	S	Nitrobenzene-d5	80.000	77.798	2.8	90	0.00
24		Nitrobenzene	40.000	45.104	-12.8	104	0.00
25		Isophorone	40.000	45.596	-14.0	107	0.00
26	C	2-Nitrophenol	40.000	47.087	-17.7	106	0.00
27		2,4-Dimethylphenol	40.000	46.404	-16.0	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	44.920	-12.3	104	0.00
29	C	2,4-Dichlorophenol	40.000	46.375	-15.9	105	0.00
30		1,2,4-Trichlorobenzene	40.000	44.348	-10.9	104	0.00
31		Naphthalene	40.000	44.651	-11.6	105	0.00
32		Benzoic acid	40.000	46.063	-15.2	109	0.00
33		4-Chloroaniline	40.000	47.375	-18.4	110	0.00
34	C	Hexachlorobutadiene	40.000	44.034	-10.1	103	0.00
35		Caprolactam	40.000	46.481	-16.2	107	0.00
36	C	4-Chloro-3-methylphenol	40.000	46.825	-17.1	109	0.00
37		2-Methylnaphthalene	40.000	45.374	-13.4	107	0.00
38		1-Methylnaphthalene	40.000	45.198	-13.0	106	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	102	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	44.140	-10.4	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.374	-10.9	106	0.00
42	S	2,4,6-Tribromophenol	80.000	90.503	-13.1	108	0.00
43	C	2,4,6-Trichlorophenol	40.000	46.094	-15.2	109	0.00
44		2,4,5-Trichlorophenol	40.000	46.271	-15.7	108	0.00
45	S	2-Fluorobiphenyl	80.000	76.259	4.7	91	0.00
46		1,1'-Biphenyl	40.000	44.207	-10.5	107	0.00
47		2-Chloronaphthalene	40.000	44.684	-11.7	108	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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	47.621	-19.1	112	0.00
49		Acenaphthylene	40.000	45.315	-13.3	109	0.00
50		Dimethylphthalate	40.000	45.338	-13.3	111	0.00
51		2,6-Dinitrotoluene	40.000	47.554	-18.9	113	0.00
52	C	Acenaphthene	40.000	45.210	-13.0	110	0.00
53		3-Nitroaniline	40.000	48.843	-22.1	113	0.00
54	P	2,4-Dinitrophenol	40.000	45.189	-13.0	119	0.00
55		Dibenzofuran	40.000	44.828	-12.1	109	0.00
56	P	4-Nitrophenol	40.000	46.012	-15.0	118	0.00
57		2,4-Dinitrotoluene	40.000	48.311	-20.8	113	0.00
58		Fluorene	40.000	46.115	-15.3	111	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	46.970	-17.4	113	0.00
60		Diethylphthalate	40.000	45.299	-13.2	111	0.00
61		4-Chlorophenyl-phenylether	40.000	45.950	-14.9	110	0.00
62		4-Nitroaniline	40.000	50.610	-26.5#	115	0.00
63		Azobenzene	40.000	45.747	-14.4	111	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	108	0.00
65		4,6-Dinitro-2-methylphenol	40.000	46.920	-17.3	117	0.00
66	c	n-Nitrosodiphenylamine	40.000	44.485	-11.2	112	0.00
67		4-Bromophenyl-phenylether	40.000	43.944	-9.9	111	0.00
68		Hexachlorobenzene	40.000	44.174	-10.4	113	0.00
69		Atrazine	40.000	44.483	-11.2	112	0.00
70	C	Pentachlorophenol	40.000	46.059	-15.1	117	0.00
71		Phenanthrene	40.000	44.895	-12.2	115	0.00
72		Anthracene	40.000	45.381	-13.5	115	0.00
73		Carbazole	40.000	46.001	-15.0	116	0.00
74		Di-n-butylphthalate	40.000	45.654	-14.1	116	0.00
75	C	Fluoranthene	40.000	46.998	-17.5	119	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	44.204	-10.5	117	0.00
78		Pyrene	40.000	44.209	-10.5	118	0.00
79	S	Terphenyl-d14	80.000	78.970	1.3	101	0.00
80		Butylbenzylphthalate	40.000	44.718	-11.8	121	0.00
81		Benzo(a)anthracene	40.000	45.497	-13.7	122	0.00
82		3,3'-Dichlorobenzidine	40.000	43.871	-9.7	115	0.00
83		Chrysene	40.000	44.967	-12.4	123	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	45.224	-13.1	122	0.00
85	c	Di-n-octyl phthalate	40.000	44.974	-12.4	123	0.00
86	I	Perylene-d12	20.000	20.000	0.0	118	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	46.249	-15.6	127	0.00
88		Benzo(b)fluoranthene	40.000	45.066	-12.7	123	0.00
89		Benzo(k)fluoranthene	40.000	45.780	-14.5	128	0.00
90	C	Benzo(a)pyrene	40.000	45.577	-13.9	127	0.00
91		Dibenzo(a,h)anthracene	40.000	46.091	-15.2	127	-0.01
92		Benzo(g,h,i)perylene	40.000	45.437	-13.6	126	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050032.D
Acq On : 28 Apr 2025 17:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM042825

Quant Time: Apr 28 18:14:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.210	4.9
Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.819	15.7
Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.656	6.7
Phenol		1.475	1.565	1.720	1.750	1.698	1.661	6.5
bis(2-Chloroethyl)ether		1.278	1.317	1.399	1.398	1.321	1.339	3.6
2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.350	4.3
2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.075	8.0
2,2-oxybis(1-Chloropropane)		1.452	1.496	1.517	1.514	1.405	1.447	4.5
Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	3.8
3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.491	9.6
n-Nitroso-di-n-propylamine	0.941	1.008	1.008	1.088	1.084	1.041	1.025	4.8
Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.351	4.8
Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	2.9
Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.347	4.0
Isophorone		0.575	0.601	0.653	0.673	0.650	0.635	5.4
2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.170	14.0
2,4-Dimethylphenol		0.180	0.194	0.219	0.226	0.225	0.213	8.8
bis(2-Chloroethoxy)methane		0.412	0.426	0.444	0.452	0.430	0.429	3.5
2,4-Dichlorophenol		0.242	0.268	0.297	0.308	0.307	0.291	8.9
Naphthalene		1.044	1.054	1.091	1.079	1.037	1.054	2.3
4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.371	6.5
Hexachlorobutadiene		0.181	0.181	0.186	0.189	0.181	0.183	1.6
Caprolactam		0.085	0.092	0.111	0.112	0.115	0.107	12.5
4-Chloro-3-methylphenol		0.284	0.310	0.349	0.357	0.356	0.339	8.8
2-Methylnaphthalene		0.700	0.720	0.755	0.755	0.733	0.731	2.9
Hexachlorocyclopentadiene		0.162	0.185	0.197	0.218	0.199	0.195	8.9
2,4,6-Trichlorophenol		0.301	0.335	0.369	0.389	0.386	0.366	9.5
2-Fluorobiphenyl		1.332	1.334	1.359	1.366	1.263	1.306	4.1
2,4,5-Trichlorophenol		0.332	0.371	0.409	0.427	0.429	0.405	9.6
1,1-Biphenyl		1.454	1.489	1.528	1.529	1.434	1.470	3.1
2-Chloronaphthalene		1.063	1.100	1.135	1.139	1.085	1.099	2.6
2-Nitroaniline		0.250	0.270	0.317	0.330	0.324	0.308	11.0
Dimethylphthalate		1.429	1.416	1.495	1.495	1.460	1.454	2.2
Acenaphthylene		1.604	1.680	1.793	1.814	1.726	1.730	4.1

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.264	0.290	0.319	0.325	0.319	0.309	7.6
3-Nitroaniline		0.250	0.289	0.338	0.354	0.342	0.325	12.2
Acenaphthene		1.087	1.087	1.141	1.126	1.081	1.097	2.4
2,4-Dinitrophenol			0.125	0.163	0.186	0.196	0.182	18.2
4-Nitrophenol		0.190	0.231	0.289	0.305	0.306	0.280	17.9
Dibenzofuran		1.801	1.807	1.871	1.833	1.746	1.793	2.8
2,4-Dinitrotoluene		0.334	0.368	0.439	0.448	0.442	0.421	11.8
Diethylphthalate		1.451	1.484	1.528	1.550	1.499	1.499	2.2
4-Chlorophenyl-phenylether		0.667	0.675	0.699	0.680	0.667	0.674	2.0
Fluorene		1.376	1.397	1.454	1.398	1.368	1.388	2.4
4-Nitroaniline		0.263	0.300	0.353	0.369	0.364	0.344	13.0
4,6-Dinitro-2-methylphenol			0.095	0.118	0.131	0.134	0.126	13.5
n-Nitrosodiphenylamine		0.567	0.585	0.616	0.630	0.591	0.597	3.7
2,4,6-Tribromophenol		0.235	0.256	0.278	0.289	0.289	0.277	8.3
4-Bromophenyl-phenylether		0.203	0.212	0.220	0.230	0.220	0.219	4.1
Hexachlorobenzene		0.247	0.247	0.260	0.271	0.261	0.260	3.7
Atrazine		0.176	0.167	0.134	0.121	0.162	0.152	15.6
Pentachlorophenol		0.143	0.155	0.175	0.196	0.197	0.181	13.3
Phenanthrene		1.098	1.086	1.117	1.127	1.070	1.091	2.3
Anthracene		0.995	1.017	1.084	1.111	1.053	1.052	3.9
Carbazole		0.968	0.998	1.060	1.084	1.014	1.027	3.8
Di-n-butylphthalate		1.147	1.230	1.253	1.398	1.310	1.280	6.3
Fluoranthene		1.289	1.274	1.316	1.347	1.280	1.298	2.1
Pyrene		1.192	1.236	1.345	1.305	1.294	1.271	4.4
Terphenyl-d14		0.967	0.998	1.055	1.032	1.005	0.992	4.4
Butylbenzylphthalate		0.434	0.488	0.546	0.596	0.580	0.544	11.2
3,3-Dichlorobenzidine		0.345	0.383	0.431	0.486	0.463	0.436	12.3
Benzo(a)anthracene		1.195	1.214	1.292	1.293	1.234	1.243	3.1
Chrysene		1.180	1.181	1.229	1.213	1.173	1.191	1.9
Bis(2-ethylhexyl)phthalate		0.639	0.735	0.779	0.893	0.853	0.798	11.1
Di-n-octyl phthalate		0.945	1.093	1.222	1.461	1.430	1.297	16.5
Benzo(b)fluoranthene		1.130	1.174	1.217	1.258	1.196	1.199	3.3
Benzo(k)fluoranthene		1.088	1.131	1.217	1.212	1.154	1.158	3.9
Benzo(a)pyrene		0.939	0.971	1.057	1.091	1.053	1.034	5.4
Indeno(1,2,3-cd)pyrene		1.252	1.304	1.407	1.444	1.401	1.388	5.8

All other compounds must meet a minimum RRF of 0.010.

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_P Calibration Date(s): 04/14/2025 04/14/2025

Calibration Time(s): 11:06 17:13

LAB FILE ID: RRF2.5 = BP024275.D RRF005 = BP024276.D RRF010 = BP024277.D
RRF020 = BP024278.D RRF040 = BP024279.D RRF050 = BP024280.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.046	1.089	1.172	1.203	1.169	1.152	5.3
Benzo(g,h,i)perylene		1.073	1.110	1.198	1.218	1.180	1.173	5.0
1,2,4,5-Tetrachlorobenzene		0.522	0.538	0.568	0.576	0.544	0.550	3.3
1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.512	6.1
2,3,4,6-Tetrachlorophenol		0.327	0.351	0.380	0.389	0.387	0.373	6.6

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP0242
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.551	0.517	0.552	0.512	0.481	0.490	0.477	0.512	6.10
3)		Pyridine		1.265	1.280	1.422	1.396	1.333	1.383	1.378	1.351	4.43
4)		n-Nitrosodimet...		0.424	0.443	0.469	0.457	0.442	0.460	0.444	0.448	3.29
5)	S	2-Fluorophenol		1.123	1.145	1.262	1.254	1.210	1.277	1.196	1.210	4.93
6)		Aniline		1.439	1.487	1.636	1.587	1.403	1.428	1.380	1.480	6.52
7)	S	Phenol-d6		1.463	1.552	1.718	1.748	1.697	1.769	1.647	1.656	6.75
8)		2-Chlorophenol		1.260	1.297	1.412	1.399	1.359	1.400	1.328	1.350	4.30
9)		Benzaldehyde		0.943	0.934	0.942	0.836	0.732	0.726	0.621	0.819	15.70
10)	C	Phenol		1.475	1.565	1.720	1.750	1.698	1.779	1.643	1.661	6.54
11)		bis(2-Chloroet...		1.278	1.317	1.399	1.398	1.321	1.358	1.300	1.339	3.56
12)		1,3-Dichlorobe...		1.464	1.486	1.534	1.486	1.402	1.433	1.373	1.454	3.79
13)	C	1,4-Dichlorobe...		1.496	1.489	1.550	1.494	1.436	1.463	1.399	1.475	3.28
14)		1,2-Dichlorobe...		1.472	1.441	1.502	1.445	1.362	1.411	1.339	1.424	4.10
15)		Benzyl Alcohol		0.857	0.935	1.106	1.158	1.142	1.178	1.122	1.071	11.58
16)		2,2'-oxybis(1-...		1.452	1.496	1.517	1.514	1.405	1.397	1.348	1.447	4.54
17)		2-Methylphenol		0.915	1.002	1.123	1.140	1.105	1.150	1.087	1.075	7.97
18)		Hexachloroethane		0.532	0.537	0.558	0.542	0.521	0.533	0.510	0.533	2.88
19)	P	n-Nitroso-di-n...	0.941	1.008	1.008	1.088	1.084	1.041	1.038	0.989	1.025	4.76
20)		3+4-Methylphenols		1.224	1.365	1.560	1.592	1.567	1.607	1.525	1.491	9.57
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.470	0.487	0.522	0.519	0.490	0.495	0.483	0.495	3.85
23)	S	Nitrobenzene-d5		0.322	0.337	0.367	0.368	0.357	0.356	0.347	0.351	4.76
24)		Nitrobenzene		0.328	0.334	0.362	0.364	0.349	0.353	0.340	0.347	3.96
25)		Isophorone		0.575	0.601	0.653	0.673	0.650	0.654	0.639	0.635	5.41
26)	C	2-Nitrophenol		0.130	0.143	0.172	0.183	0.184	0.191	0.186	0.170	13.97
27)		2,4-Dimethylph...		0.180	0.194	0.219	0.226	0.225	0.228	0.221	0.213	8.81
28)		bis(2-Chloroet...		0.412	0.426	0.444	0.452	0.430	0.425	0.412	0.429	3.51
29)	C	2,4-Dichloroph...		0.242	0.268	0.297	0.308	0.307	0.311	0.302	0.291	8.94
30)		1,2,4-Trichlor...		0.308	0.305	0.318	0.321	0.309	0.315	0.306	0.311	2.00
31)		Naphthalene		1.044	1.054	1.091	1.079	1.037	1.048	1.023	1.054	2.27
32)		Benzoic acid			0.185	0.226	0.242	0.270	0.285	0.282	0.248	15.56
33)		4-Chloroaniline		0.328	0.349	0.389	0.397	0.378	0.379	0.378	0.371	6.46
34)	C	Hexachlorobuta...		0.181	0.181	0.186	0.189	0.181	0.182	0.182	0.183	1.62
35)		Caprolactam		0.085	0.092	0.111	0.112	0.115	0.121	0.115	0.107	12.53
36)	C	4-Chloro-3-met...		0.284	0.310	0.349	0.357	0.356	0.363	0.351	0.339	8.82
37)		2-Methylnaphth...		0.700	0.720	0.755	0.755	0.733	0.740	0.712	0.731	2.89
38)		1-Methylnaphth...		0.700	0.714	0.737	0.731	0.712	0.718	0.691	0.715	2.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.522	0.538	0.568	0.576	0.544	0.549	0.552	0.550	3.33
41)	P	Hexachlorocycl...	0.162	0.185	0.197	0.218	0.199	0.197	0.204	0.195	8.92
42)	S	2,4,6-Tribromo...	0.235	0.256	0.278	0.289	0.289	0.296	0.294	0.277	8.29
43)	C	2,4,6-Trichlor...	0.301	0.335	0.369	0.389	0.386	0.390	0.390	0.366	9.51
44)		2,4,5-Trichlor...	0.332	0.371	0.409	0.427	0.429	0.436	0.430	0.405	9.62
45)	S	2-Fluorobiphenyl	1.332	1.334	1.359	1.366	1.263	1.251	1.240	1.306	4.08
46)		1,1'-Biphenyl	1.454	1.489	1.528	1.529	1.434	1.428	1.429	1.470	3.07
47)		2-Chloronaphth...	1.063	1.100	1.135	1.139	1.085	1.090	1.078	1.099	2.60
48)		2-Nitroaniline	0.250	0.270	0.317	0.330	0.324	0.335	0.331	0.308	10.98
49)		Acenaphthylene	1.604	1.680	1.793	1.814	1.726	1.763	1.730	1.730	4.11
50)		Dimethylphthalate	1.429	1.416	1.495	1.495	1.460	1.460	1.426	1.454	2.22
51)		2,6-Dinitrotol...	0.264	0.290	0.319	0.325	0.319	0.328	0.317	0.309	7.58
52)	C	Acenaphthene	1.087	1.087	1.141	1.126	1.081	1.079	1.076	1.097	2.35
53)		3-Nitroaniline	0.250	0.289	0.338	0.354	0.342	0.340	0.358	0.325	12.25
54)	P	2,4-Dinitrophenol		0.125	0.163	0.186	0.196	0.210	0.211	0.182	18.22
55)		Dibenzofuran	1.801	1.807	1.871	1.833	1.746	1.768	1.723	1.793	2.84
56)	P	4-Nitrophenol	0.190	0.231	0.289	0.305	0.306	0.323	0.317	0.280	17.90
57)		2,4-Dinitrotol...	0.334	0.368	0.439	0.448	0.442	0.463	0.456	0.421	11.82
58)		Fluorene	1.376	1.397	1.454	1.398	1.368	1.366	1.356	1.388	2.40
59)		2,3,4,6-Tetrac...	0.327	0.351	0.380	0.389	0.387	0.390	0.389	0.373	6.57
60)		Diethylphthalate	1.451	1.484	1.528	1.550	1.499	1.499	1.481	1.499	2.16
61)		4-Chlorophenyl...	0.667	0.675	0.699	0.680	0.667	0.670	0.659	0.674	1.95
62)		4-Nitroaniline	0.263	0.300	0.353	0.369	0.364	0.380	0.376	0.344	12.99
63)		Azobenzene	1.269	1.383	1.446	1.431	1.385	1.385	1.344	1.378	4.26
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.095	0.118	0.131	0.134	0.140	0.138	0.126	13.50
66)	c	n-Nitrosodiphe...	0.567	0.585	0.616	0.630	0.591	0.608	0.580	0.597	3.71
67)		4-Bromophenyl-...	0.203	0.212	0.220	0.230	0.220	0.225	0.222	0.219	4.11
68)		Hexachlorobenzene	0.247	0.247	0.260	0.271	0.261	0.269	0.263	0.260	3.67
69)		Atrazine	0.176	0.167	0.134	0.121	0.162			0.152	15.57
70)	C	Pentachlorophenol	0.143	0.155	0.175	0.196	0.197	0.203	0.201	0.181	13.35
71)		Phenanthrene	1.098	1.086	1.117	1.127	1.070	1.082	1.058	1.091	2.27
72)		Anthracene	0.995	1.017	1.084	1.111	1.053	1.071	1.030	1.052	3.85
73)		Carbazole	0.968	0.998	1.060	1.084	1.014	1.037	1.031	1.027	3.78
74)		Di-n-butylphth...	1.147	1.230	1.253	1.398	1.310	1.338	1.284	1.280	6.30
75)	C	Fluoranthene	1.289	1.274	1.316	1.347	1.280	1.304	1.274	1.298	2.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.144	0.141	0.109	0.436	0.333	0.302	0.307	0.254	48.39
78)		Pyrene	1.192	1.236	1.345	1.305	1.294	1.305	1.219	1.271	4.38
79)	S	Terphenyl-d14	0.967	0.998	1.055	1.032	1.005	0.964	0.926	0.992	4.42
80)		Butylbenzylpht...	0.434	0.488	0.546	0.596	0.580	0.593	0.574	0.544	11.25
81)		Benzo(a)anthra...	1.195	1.214	1.292	1.293	1.234	1.253	1.221	1.243	3.08
82)		3,3'-Dichlorob...	0.345	0.383	0.431	0.486	0.463	0.485	0.460	0.436	12.30
83)		Chrysene	1.180	1.181	1.229	1.213	1.173	1.193	1.167	1.191	1.88
84)		Bis(2-ethylhex...	0.639	0.735	0.779	0.893	0.853	0.867	0.819	0.798	11.09
85)	c	Di-n-octyl pht...	0.945	1.093	1.222	1.461	1.430	1.486	1.446	1.297	16.46

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP041425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.252	1.304	1.407	1.444	1.401	1.445	1.466	1.388	5.77
88)		Benzo(b)fluora...	1.130	1.174	1.217	1.258	1.196	1.205	1.212	1.199	3.30
89)		Benzo(k)fluora...	1.088	1.131	1.217	1.212	1.154	1.166	1.138	1.158	3.94
90)	C	Benzo(a)pyrene	0.939	0.971	1.057	1.091	1.053	1.070	1.058	1.034	5.44
91)		Dibenzo(a,h)an...	1.046	1.089	1.172	1.203	1.169	1.186	1.202	1.152	5.28
92)		Benzo(g,h,i)pe...	1.073	1.110	1.198	1.218	1.180	1.209	1.224	1.173	4.99

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	229109	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	962244	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	614109	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	1238206	20.000	ng	0.02
76) Chrysene-d12	21.616	240	1367665	20.000	ng	0.00
86) Perylene-d12	24.980	264	1473609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.528	70	26959	2.285	ng	96

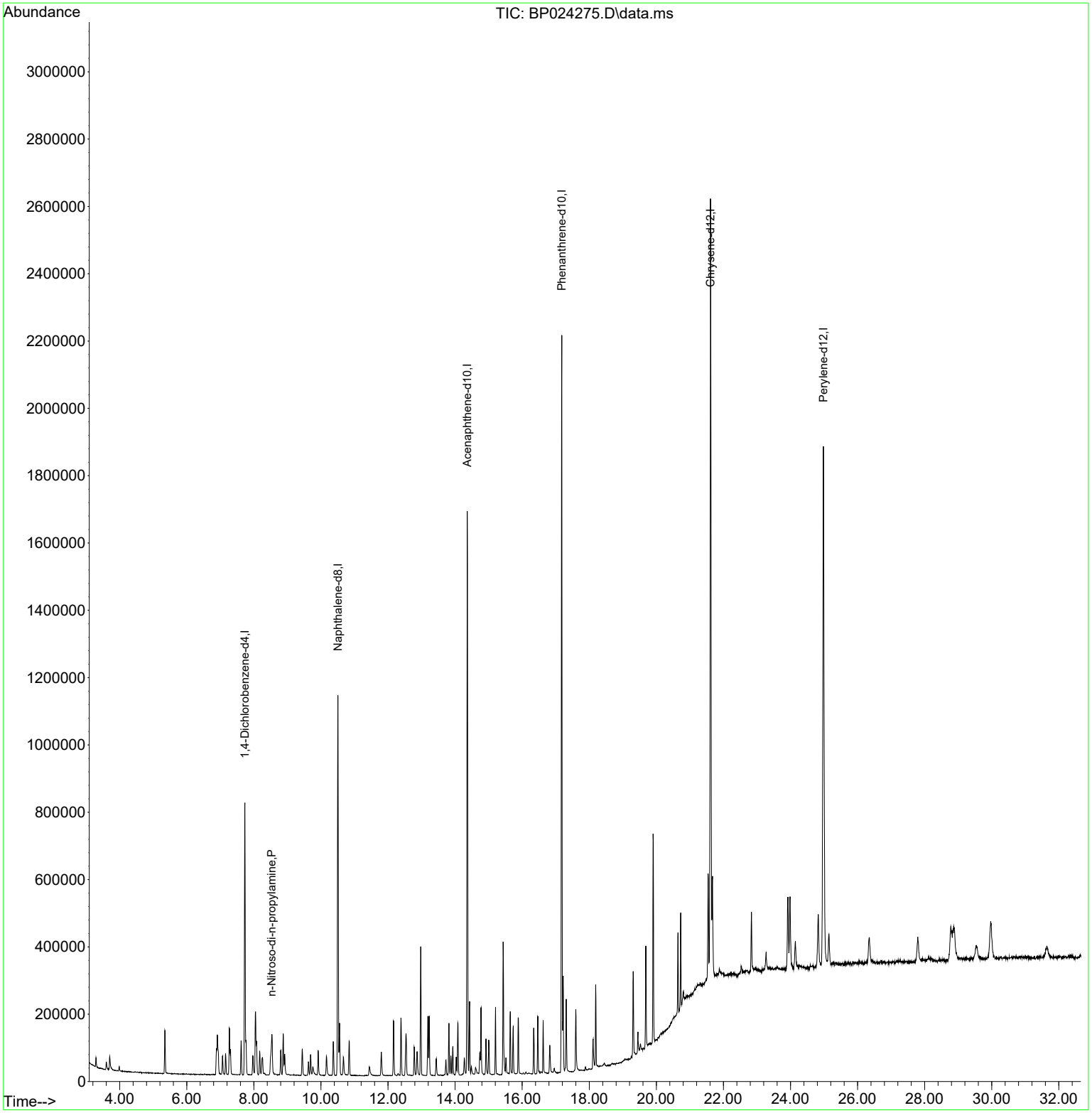
(#) = qualifier out of range (m) = manual integration (+) = signals summed

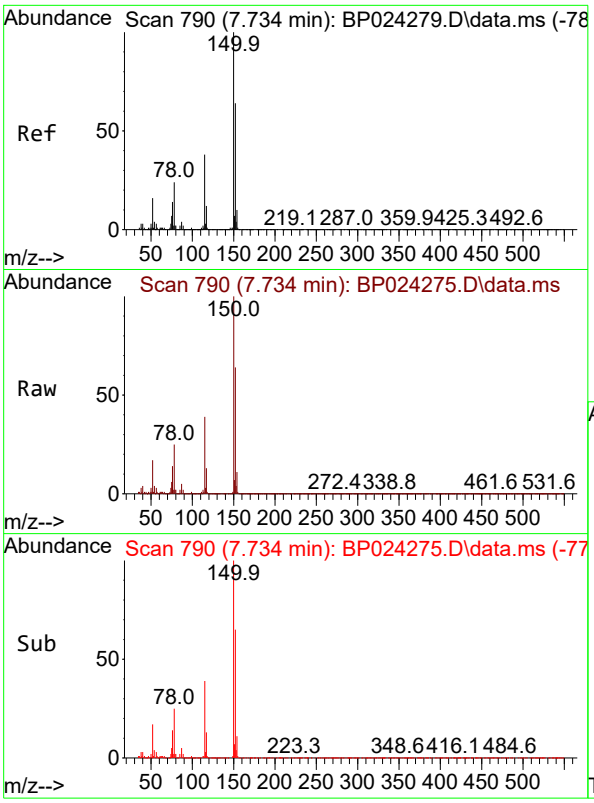
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024275.D
Acq On : 14 Apr 2025 11:06
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Apr 14 17:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



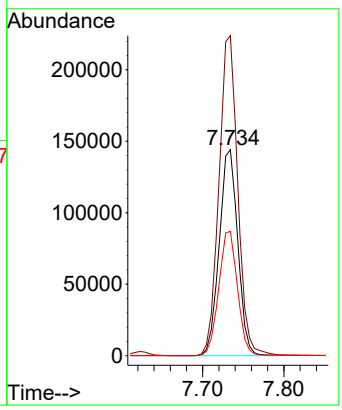


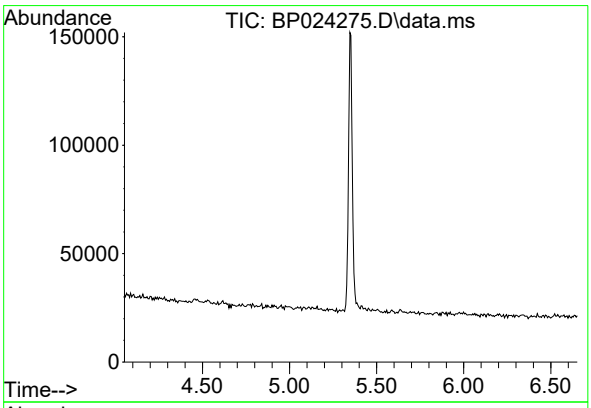
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 229109

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.9	187.3
115	60.4	47.7	71.5



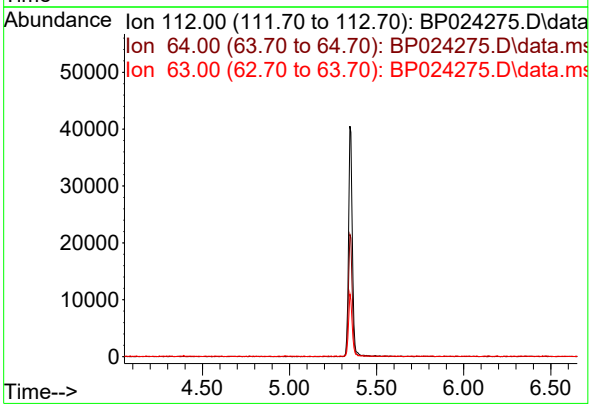


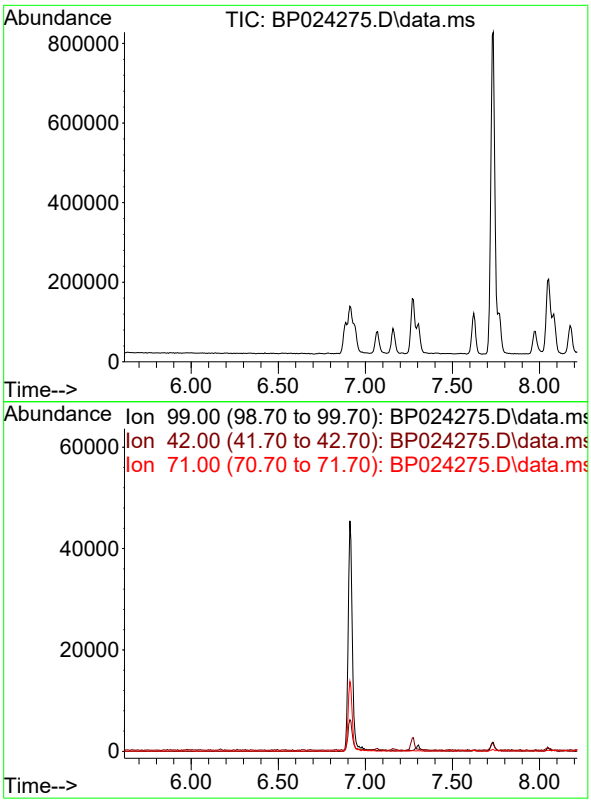
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.35 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	51.4
63	25.7





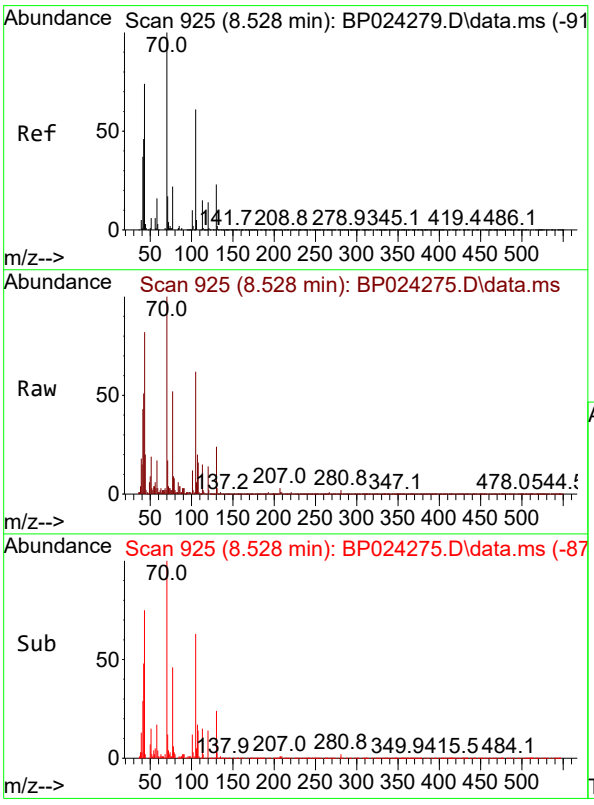
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.92 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

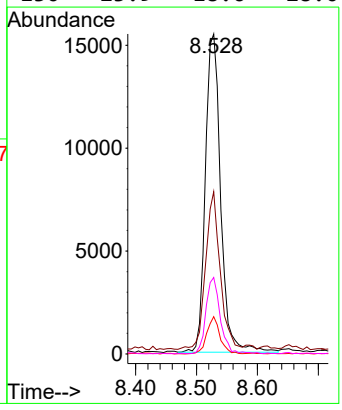
Sig	Exp Ratio
99	100
42	13.3
71	29.6

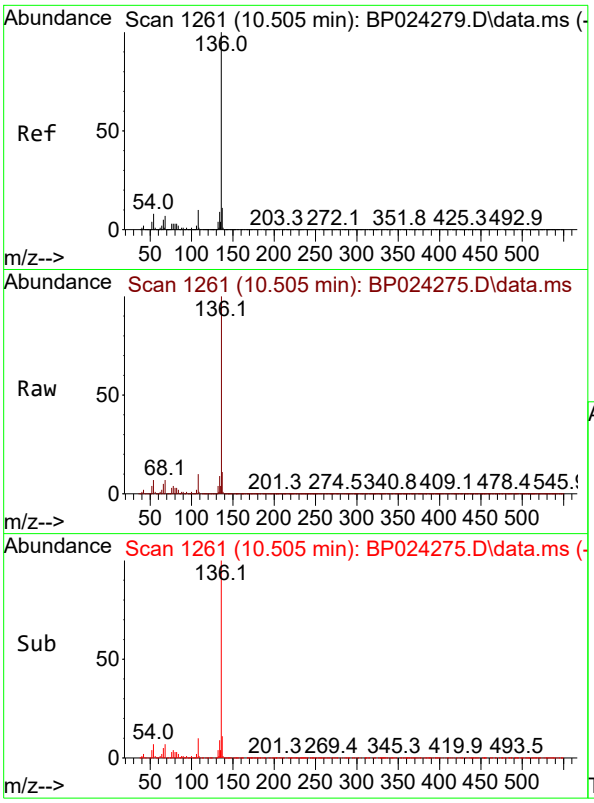


#19
n-Nitroso-di-n-propylamine
Concen: 2.285 ng
RT: 8.528 min Scan# 925
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 70 Resp: 26959

Ion	Ratio	Lower	Upper
70	100		
42	50.7	37.3	55.9
101	11.7	8.2	12.4
130	23.9	18.6	28.0



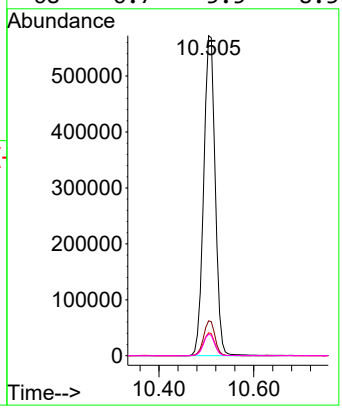


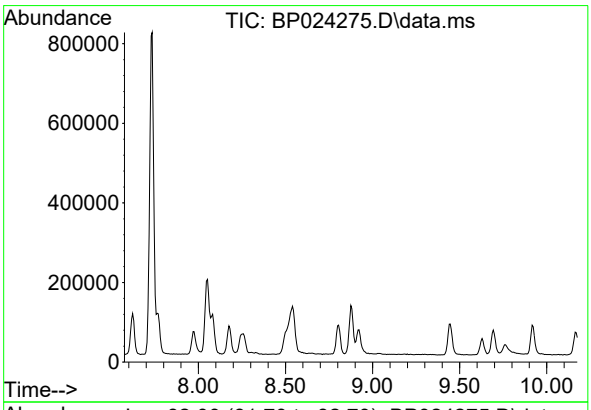
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 962244

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	6.0	9.0
68	6.7	5.5	8.3



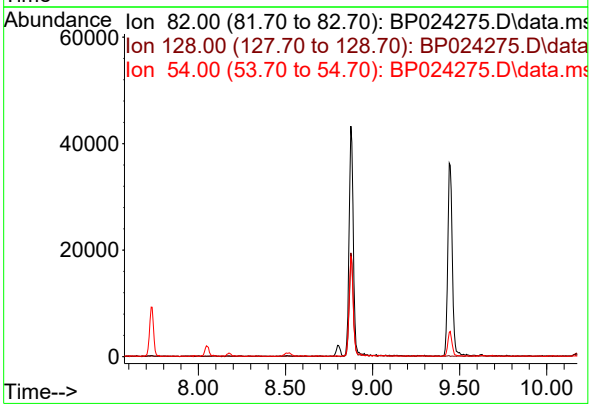


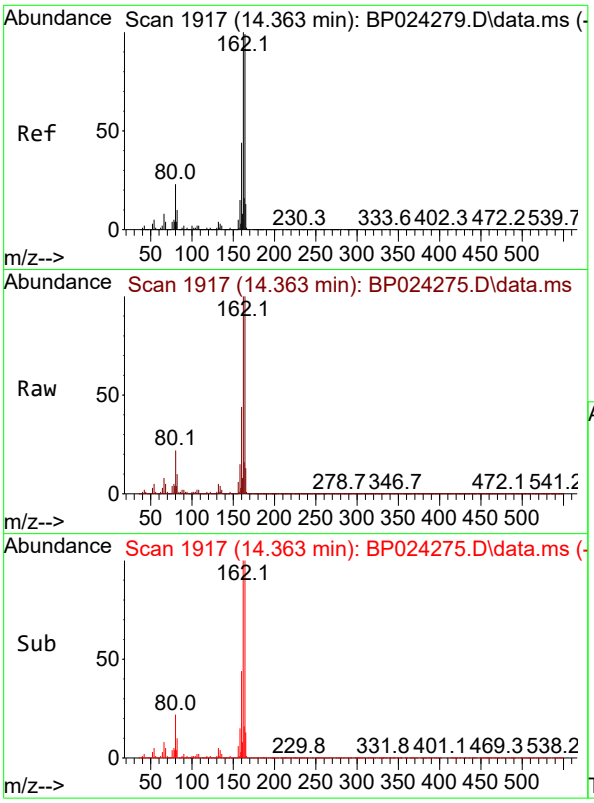
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.6
54	41.8



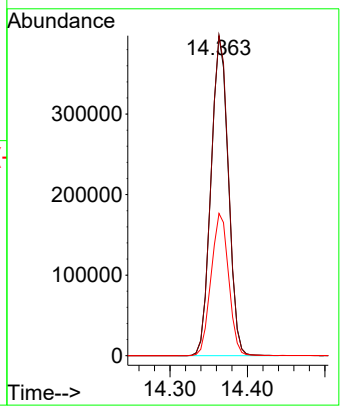


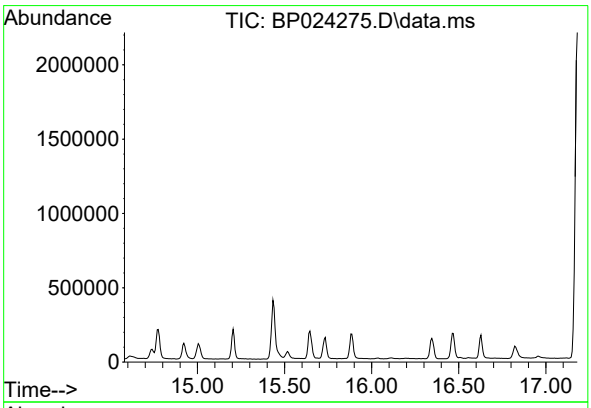
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 614109

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	120.8
160	44.5	35.3	52.9



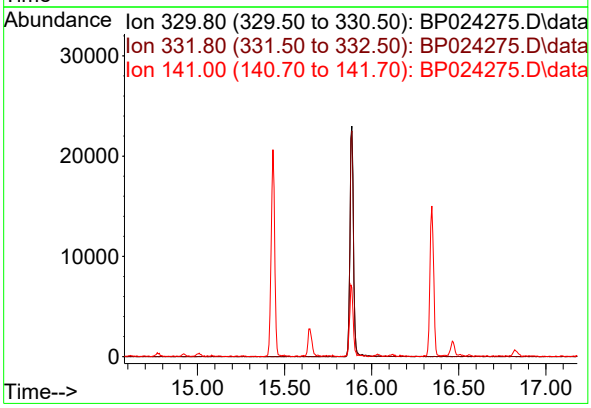


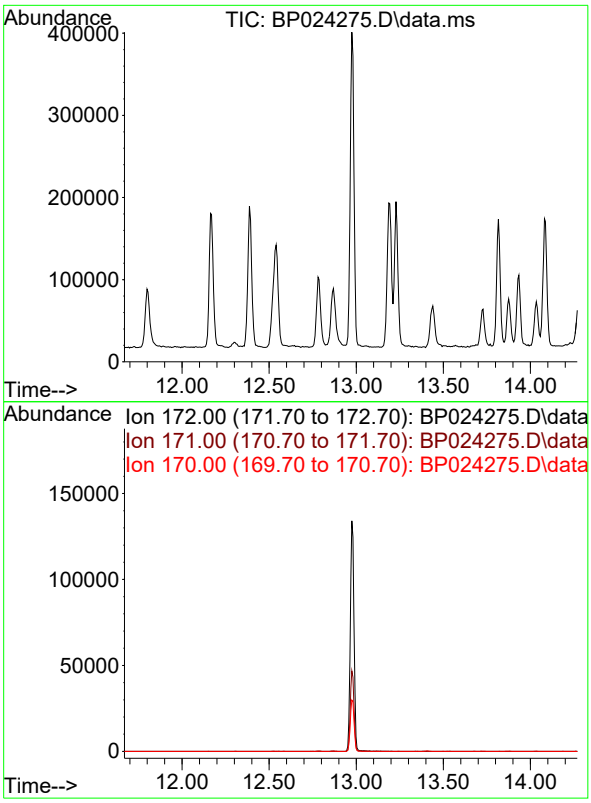
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.88 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.4
141	30.9





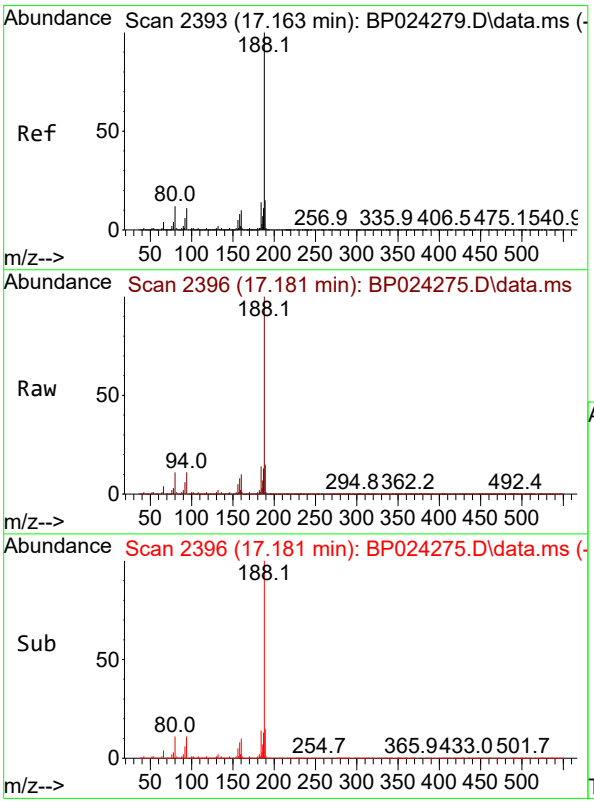
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.97 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

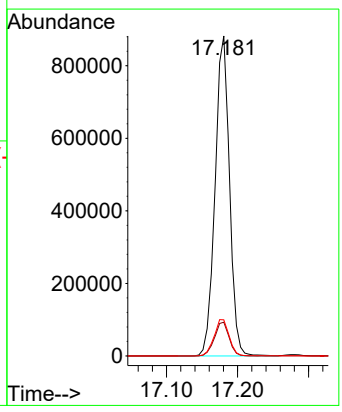
Sig	Exp Ratio
172	100
171	35.2
170	23.2

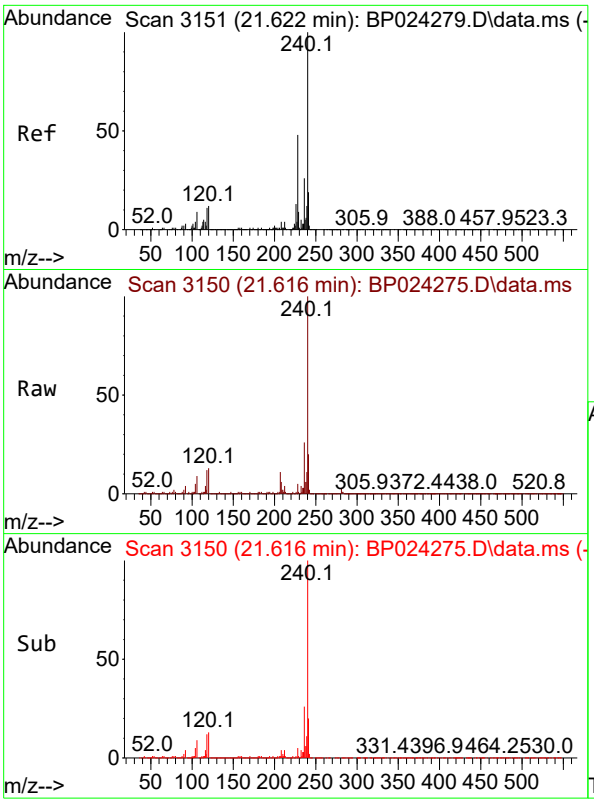


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion:188 Resp: 1238206

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.6	13.0
80	11.3	9.8	14.6



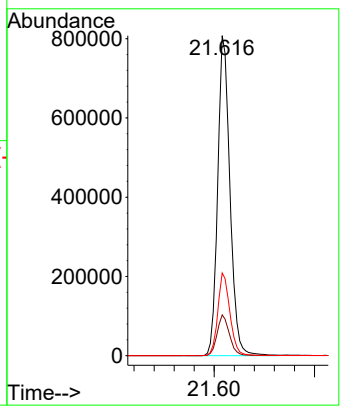


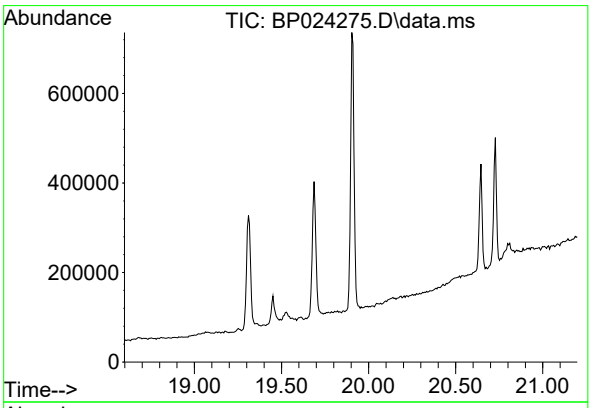
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 1367665

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.9	20.9	31.3



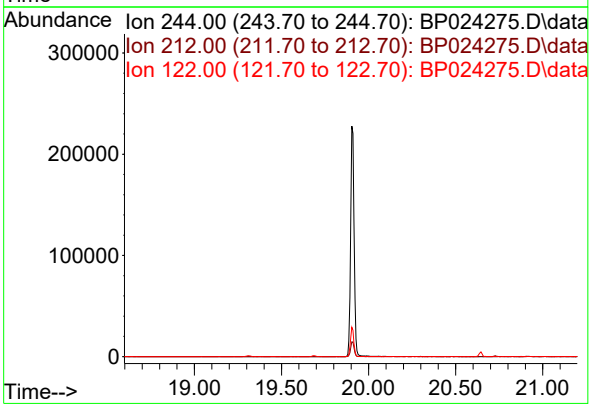


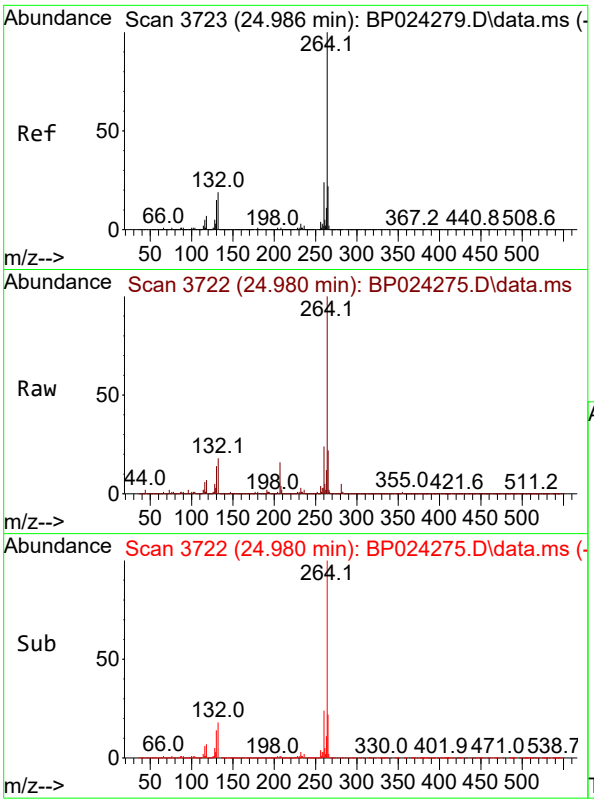
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.90 min

Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	7.0
122	11.7



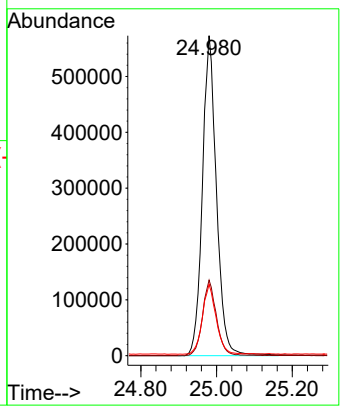


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024275.D
Acq: 14 Apr 2025 11:06

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 1473609

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.3	17.8	26.6



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	223010	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	946483	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	609743	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1234074	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1401979	20.000	ng		-0.01
86) Perylene-d12	24.968	264	1519057	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	125173	9.263	ng		0.00
7) Phenol-d6	6.916	99	163122	8.824	ng		0.00
23) Nitrobenzene-d5	8.875	82	152286	9.160	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	71560	8.571	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	406060	10.111	ng		0.00
79) Terphenyl-d14	19.886	244	677812	9.638	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	30738	5.328	ng		100
3) Pyridine	3.699	79	70539	4.697	ng		97
4) n-Nitrosodimethylamine	3.599	42	23634	4.720	ng	#	90
6) Aniline	7.069	93	80239	4.808	ng		99
8) 2-Chlorophenol	7.305	128	70239	4.651	ng		98
9) Benzaldehyde	6.887	77	52595m	5.493	ng		
10) Phenol	6.940	94	82245	4.431	ng		97
11) bis(2-Chloroethyl)ether	7.163	93	71228	4.749	ng		97
12) 1,3-Dichlorobenzene	7.622	146	81600	4.987	ng		98
13) 1,4-Dichlorobenzene	7.769	146	83408	5.027	ng		99
14) 1,2-Dichlorobenzene	8.081	146	82066	5.115	ng		98
15) Benzyl Alcohol	7.975	79	47777	4.032	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.258	45	80975	4.962	ng		97
17) 2-Methylphenol	8.175	107	51039	4.267	ng		99
18) Hexachloroethane	8.805	117	29643	4.950	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	56212	4.896	ng		96
20) 3+4-Methylphenols	8.505	107	68264	4.120	ng		99
22) Acetophenone	8.546	105	111159	4.725	ng		99
24) Nitrobenzene	8.922	77	77593	4.709	ng		96
25) Isophorone	9.446	82	136090	4.534	ng		99
26) 2-Nitrophenol	9.628	139	30712	3.882	ng		99
27) 2,4-Dimethylphenol	9.693	122	42510	4.239	ng		94
28) bis(2-Chloroethoxy)met...	9.922	93	97512	4.774	ng		98
29) 2,4-Dichlorophenol	10.169	162	57301	4.193	ng		97
30) 1,2,4-Trichlorobenzene	10.369	180	72789	4.923	ng		98
31) Naphthalene	10.557	128	246999	4.930	ng		99
33) 4-Chloroaniline	10.669	127	77667	4.437	ng		98
34) Hexachlorobutadiene	10.846	225	42723	4.926	ng		99
35) Caprolactam	11.446	113	20082	4.002	ng		94
36) 4-Chloro-3-methylphenol	11.804	107	67116	4.214	ng		100
37) 2-Methylnaphthalene	12.169	142	165617	4.770	ng		99
38) 1-Methylnaphthalene	12.399	142	165656	4.870	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	79501	4.744	ng		100
41) Hexachlorocyclopentadiene	12.528	237	24696	4.198	ng		96
43) 2,4,6-Trichlorophenol	12.787	196	45925	4.165	ng		95
44) 2,4,5-Trichlorophenol	12.863	196	50675	4.147	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

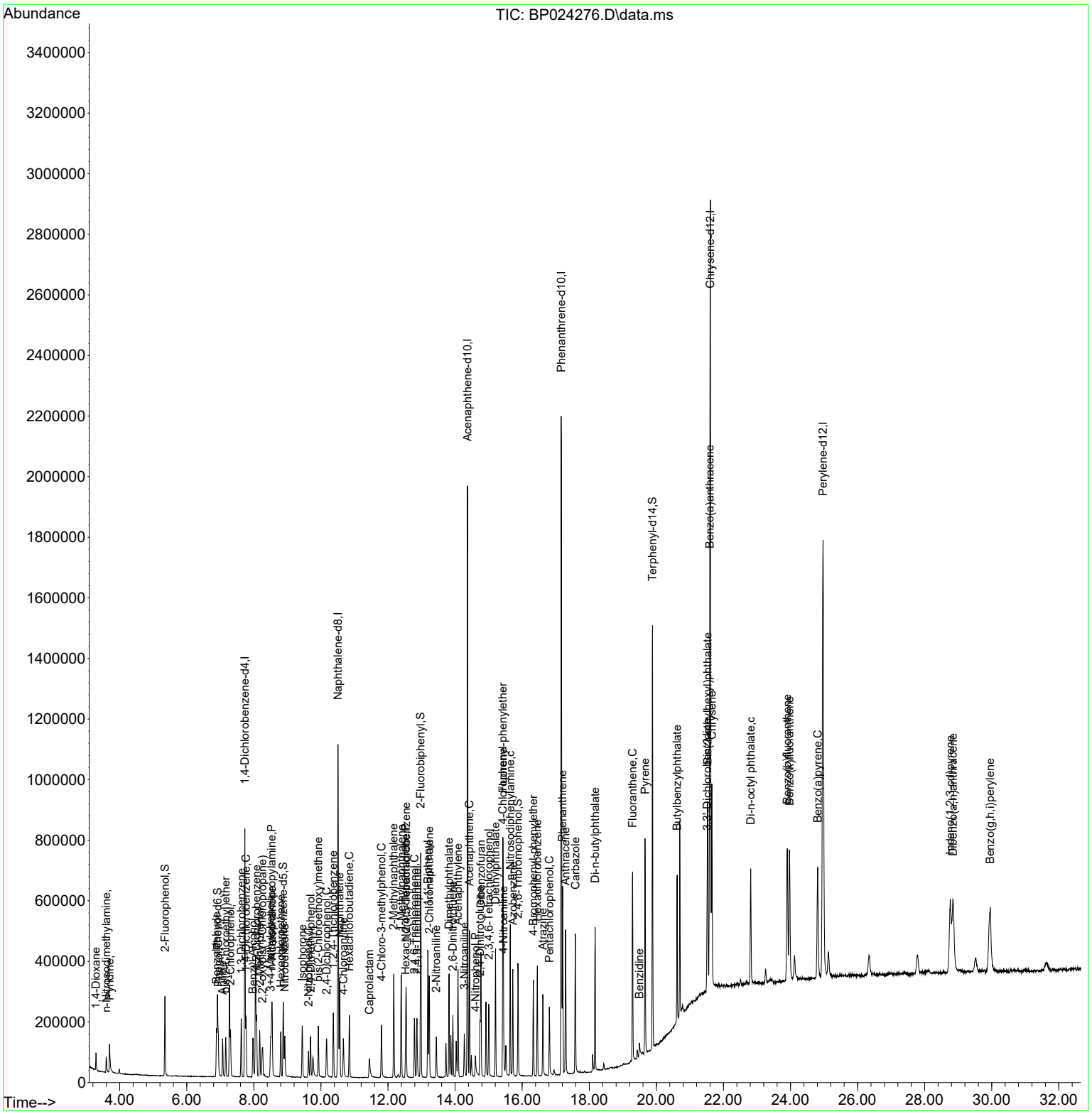
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.187	154	221653	4.922	ng		99
47)	2-Chloronaphthalene	13.234	162	162099	4.824	ng		99
48)	2-Nitroaniline	13.440	65	38152	4.111	ng		90
49)	Acenaphthylene	14.087	152	244566	4.637	ng		99
50)	Dimethylphthalate	13.822	163	217848	4.897	ng		100
51)	2,6-Dinitrotoluene	13.934	165	40182	4.287	ng		94
52)	Acenaphthene	14.428	154	165694	4.940	ng		97
53)	3-Nitroaniline	14.275	138	38178	3.926	ng	#	94
55)	Dibenzofuran	14.769	168	274506	4.991	ng		99
56)	4-Nitrophenol	14.610	139	29033	3.473	ng		98
57)	2,4-Dinitrotoluene	14.745	165	50843	4.013	ng		97
58)	Fluorene	15.428	166	209763	4.939	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.004	232	49911	4.415	ng		98
60)	Diethylphthalate	15.204	149	221119	4.830	ng		99
61)	4-Chlorophenyl-phenyle...	15.422	204	101636	4.928	ng		99
62)	4-Nitroaniline	15.445	138	40139	3.893	ng		96
63)	Azobenzene	15.722	77	193402	4.586	ng		99
66)	n-Nitrosodiphenylamine	15.645	169	174867	4.726	ng		99
67)	4-Bromophenyl-phenylether	16.334	248	62558	4.647	ng		97
68)	Hexachlorobenzene	16.451	284	76267	4.766	ng		96
69)	Atrazine	16.616	200	54439	5.803	ng		98
70)	Pentachlorophenol	16.810	266	44119	4.015	ng		98
71)	Phenanthrene	17.204	178	338611	5.005	ng		100
72)	Anthracene	17.292	178	307065	4.716	ng		99
73)	Carbazole	17.586	167	298495	4.711	ng		100
74)	Di-n-butylphthalate	18.175	149	354008	4.484	ng		100
75)	Fluoranthene	19.292	202	397601	4.951	ng		99
77)	Benzidine	19.498	184	50615m	2.925	ng		
78)	Pyrene	19.663	202	417746	4.657	ng		99
80)	Butylbenzylphthalate	20.622	149	152196	4.024	ng		99
81)	Benzo(a)anthracene	21.592	228	418745	4.791	ng		100
82)	3,3'-Dichlorobenzidine	21.516	252	121047	3.994	ng		99
83)	Chrysene	21.657	228	413570	4.937	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.533	149	223960	4.021	ng		98
85)	Di-n-octyl phthalate	22.816	149	331185	3.712	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.762	276	475578	4.552	ng	#	92
88)	Benzo(b)fluoranthene	23.904	252	429214	4.723	ng		99
89)	Benzo(k)fluoranthene	23.968	252	413302	4.686	ng		99
90)	Benzo(a)pyrene	24.810	252	356658	4.559	ng		98
91)	Dibenzo(a,h)anthracene	28.845	278	397247	4.571	ng		100
92)	Benzo(g,h,i)perylene	29.951	276	407522	4.607	ng		99

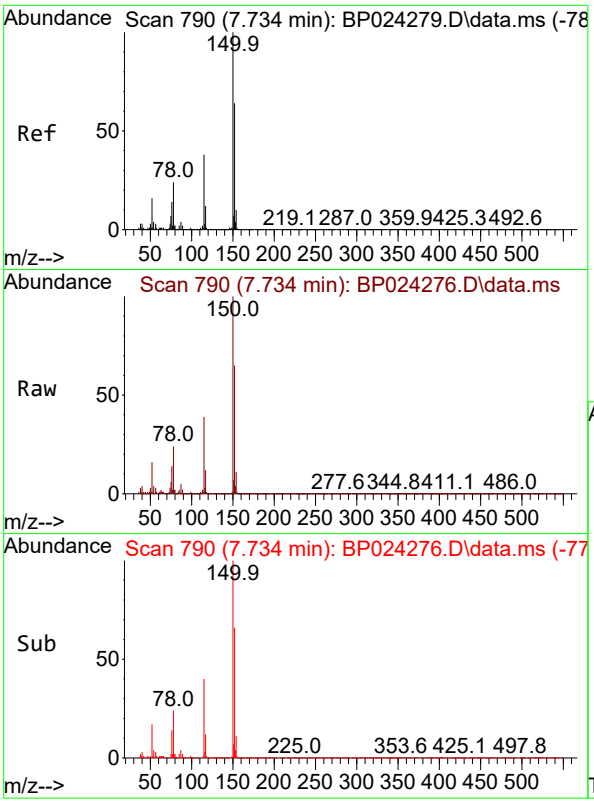
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024276.D
Acq On : 14 Apr 2025 11:47
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Apr 14 17:26:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



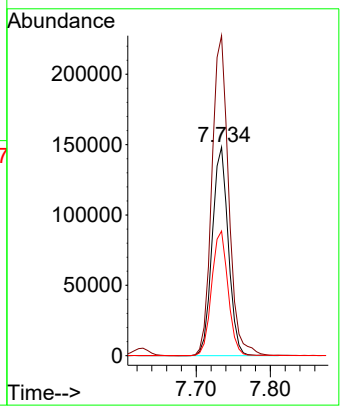


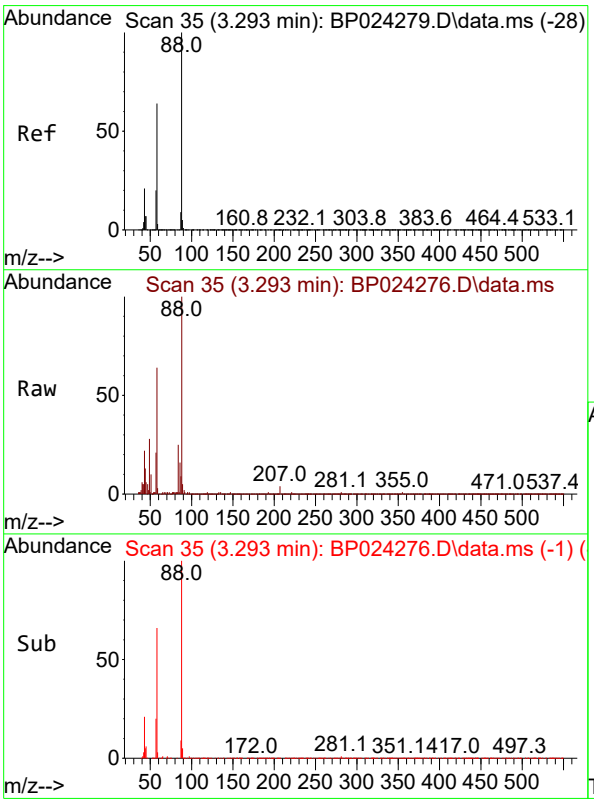
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 223010

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.9	187.3
115	59.8	47.7	71.5

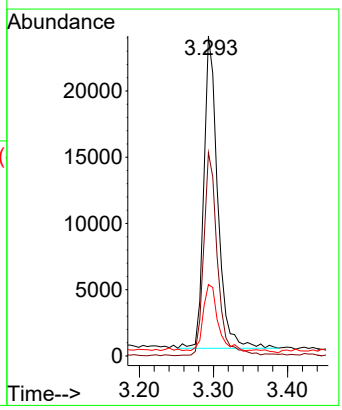


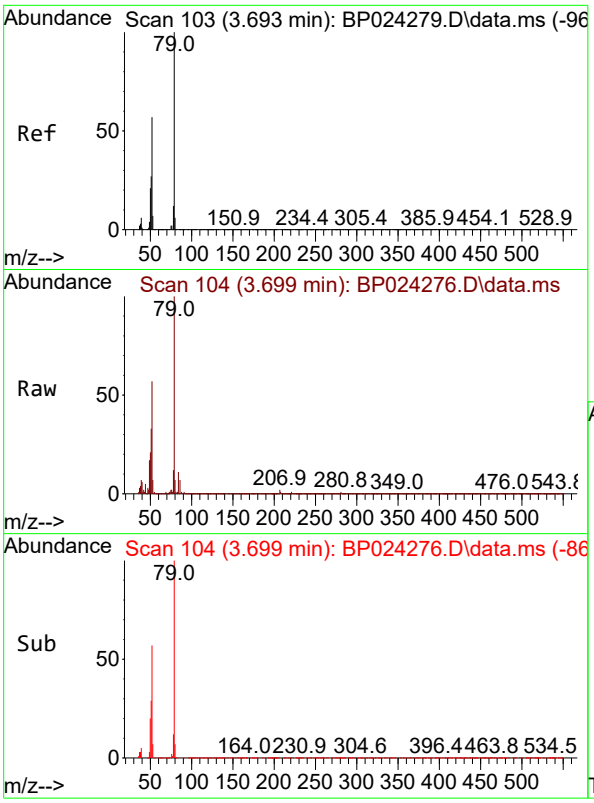


#2
1,4-Dioxane
Concen: 5.328 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 88 Resp: 30738

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	22.3	17.1	25.7



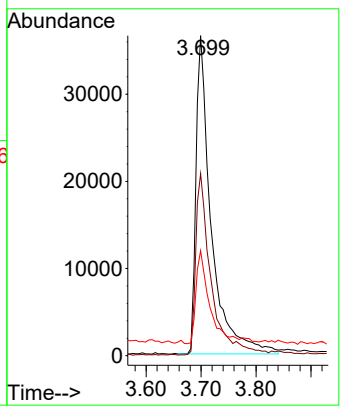


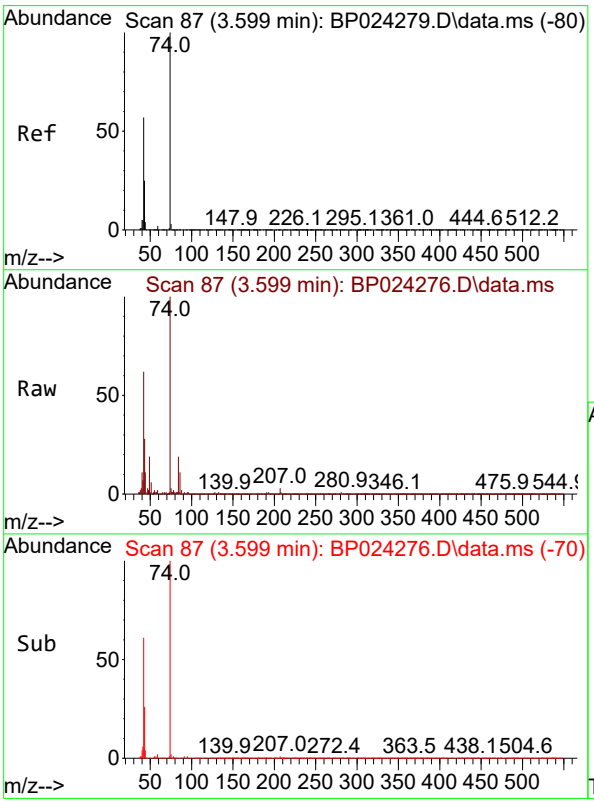
#3
Pyridine
Concen: 4.697 ng
RT: 3.699 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 70539

Ion	Ratio	Lower	Upper
79	100		
52	56.9	45.4	68.2
51	32.8	22.6	33.8

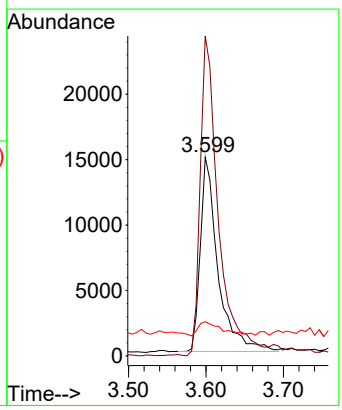


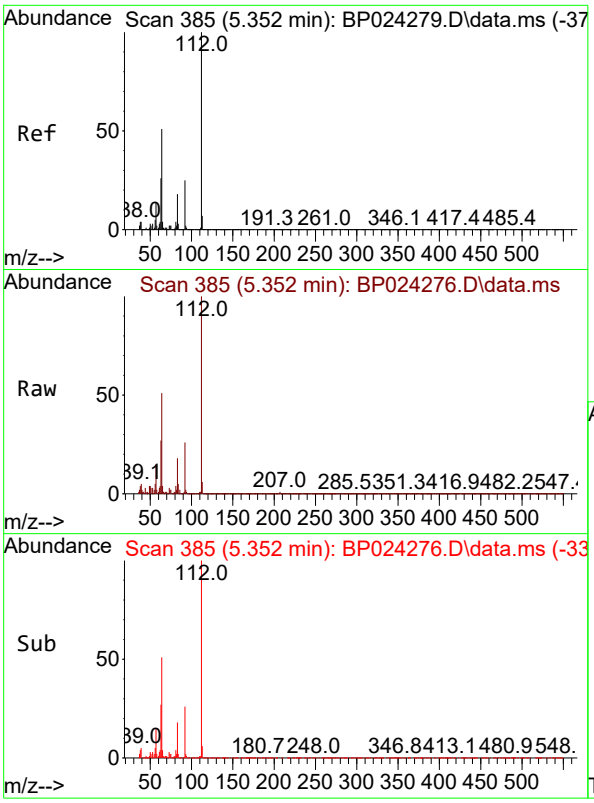


#4
n-Nitrosodimethylamine
Concen: 4.720 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 42 Resp: 23634

Ion	Ratio	Lower	Upper
42	100		
74	161.0	139.5	209.3
44	17.2	5.8	8.8#



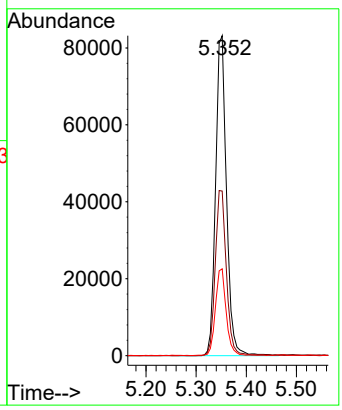


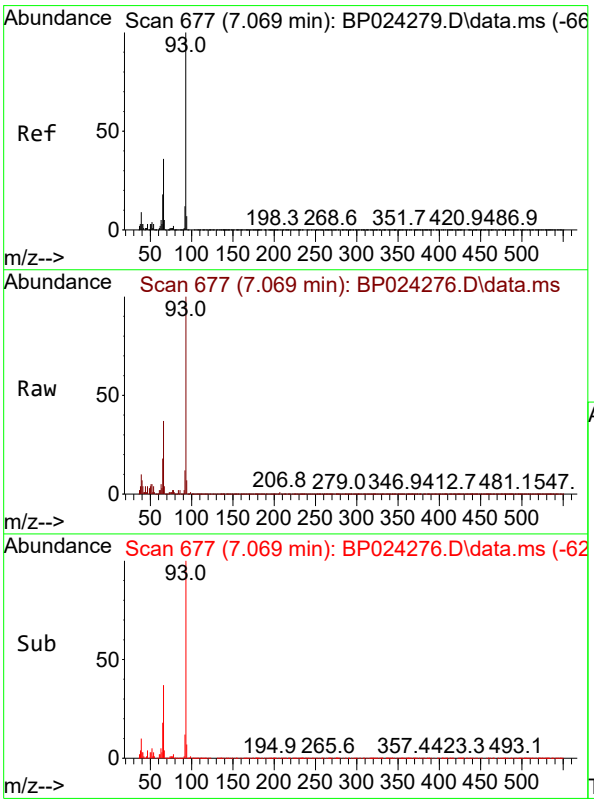
#5
2-Fluorophenol
Concen: 9.263 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 125173

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	27.1	20.6	30.8

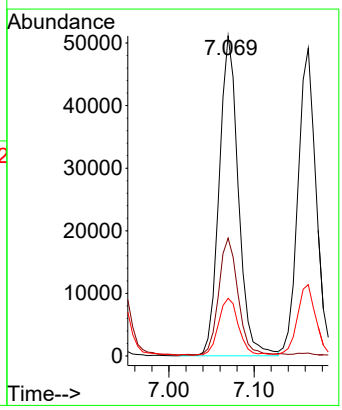


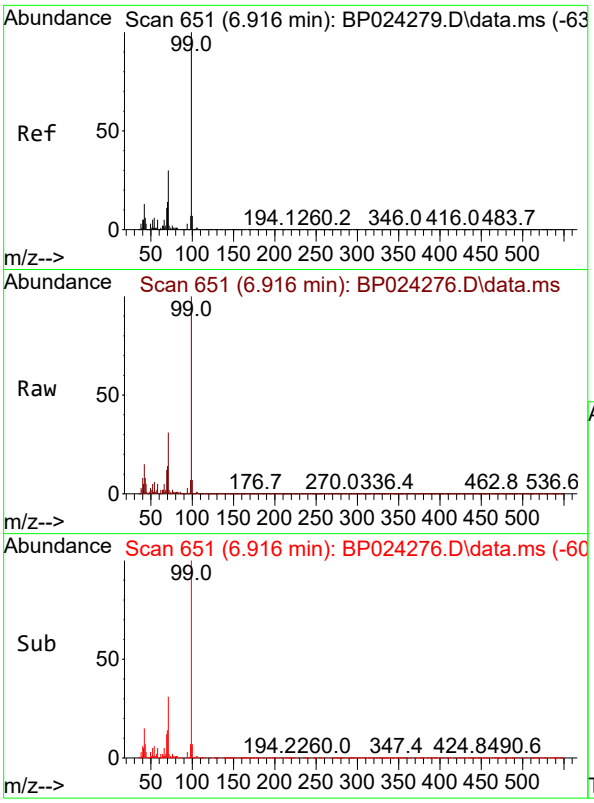


#6
Aniline
Concen: 4.808 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 80239

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.0	14.7	22.1



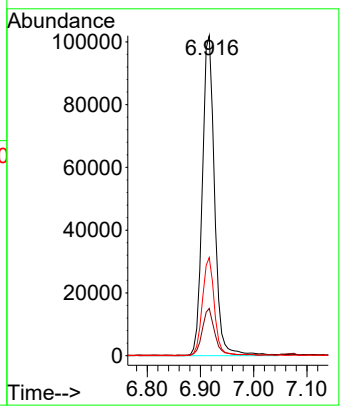


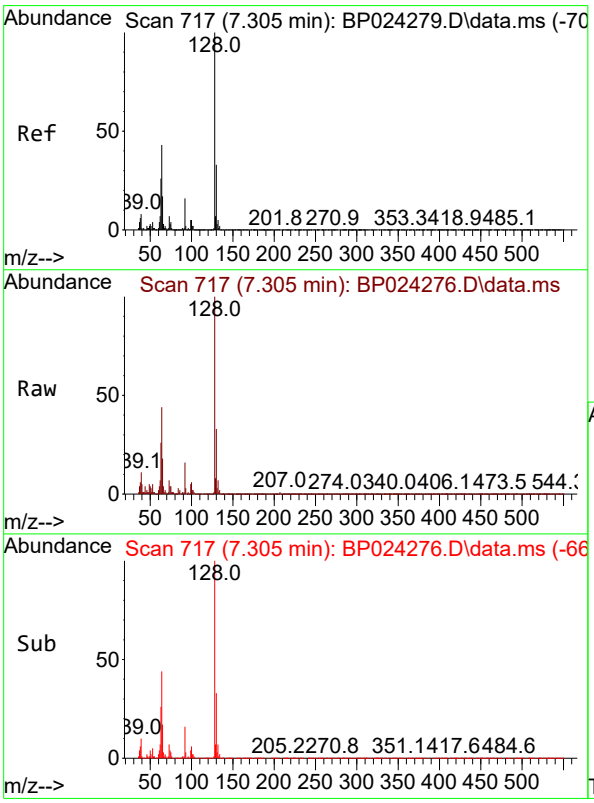
#7
Phenol-d6
Concen: 8.824 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 163122

Ion	Ratio	Lower	Upper
99	100		
42	14.7	10.6	16.0
71	30.7	23.7	35.5

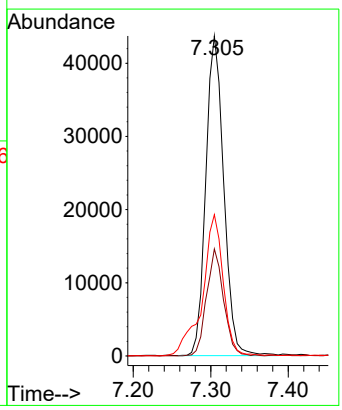


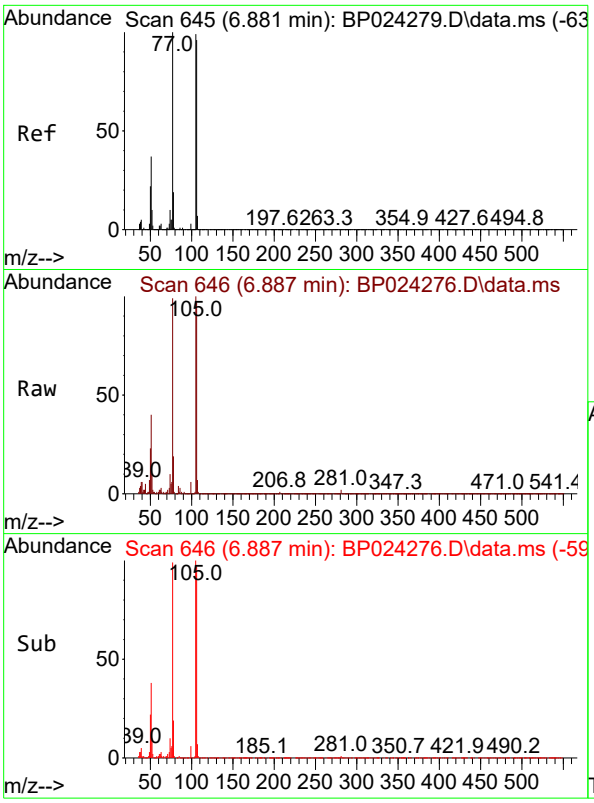


#8
2-Chlorophenol
Concen: 4.651 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:128 Resp: 70239

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.9	52.9
64	44.2	22.7	62.7



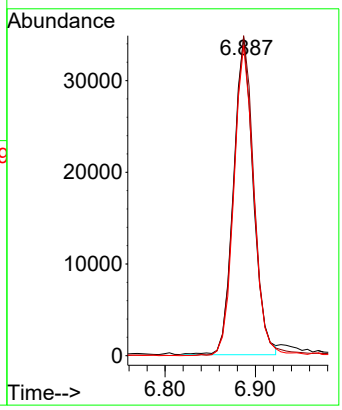


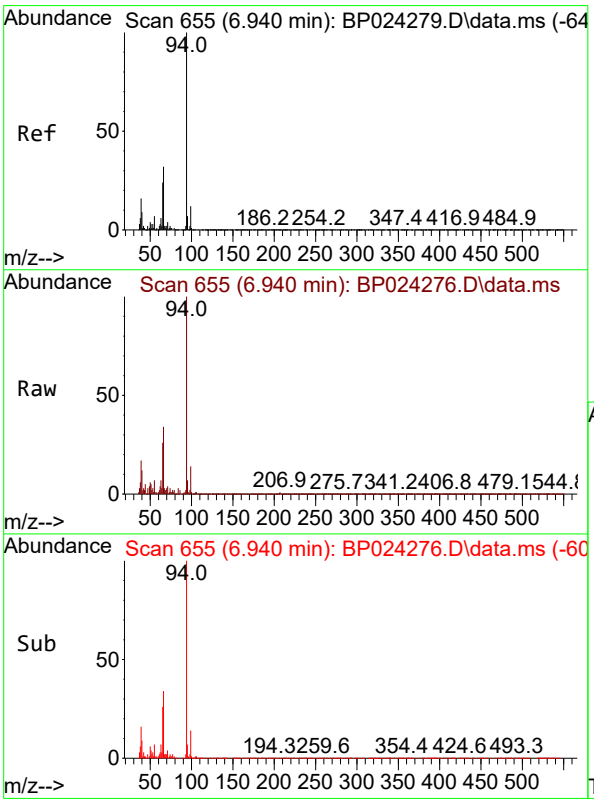
#9
Benzaldehyde
Concen: 5.493 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 52595

Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.2	119.2
106	97.4	76.2	116.2

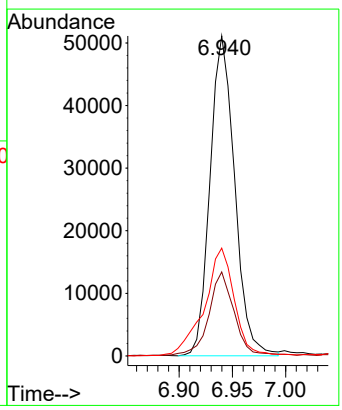


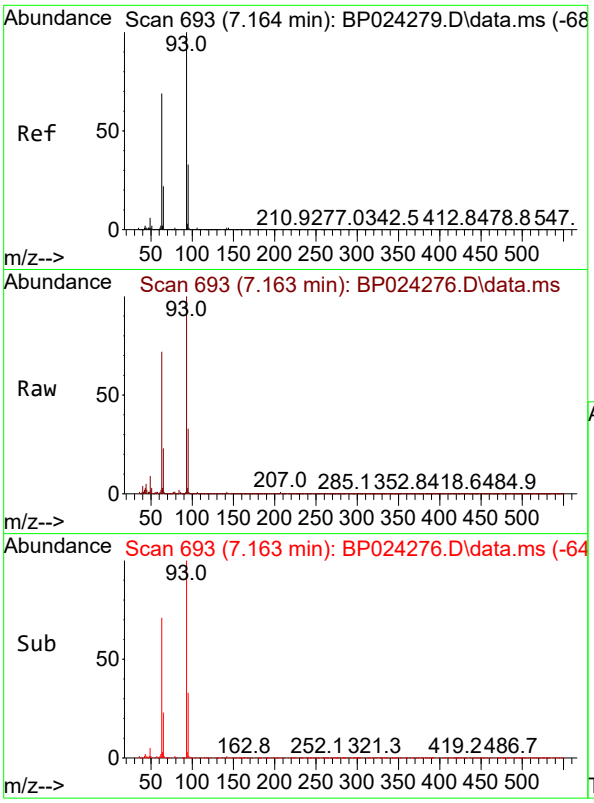


#10
Phenol
Concen: 4.431 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 94 Resp: 82245

Ion	Ratio	Lower	Upper
94	100		
65	26.3	4.5	44.5
66	33.7	12.4	52.4



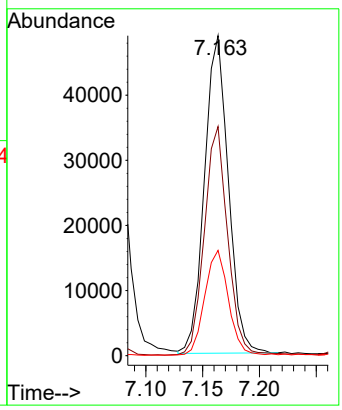


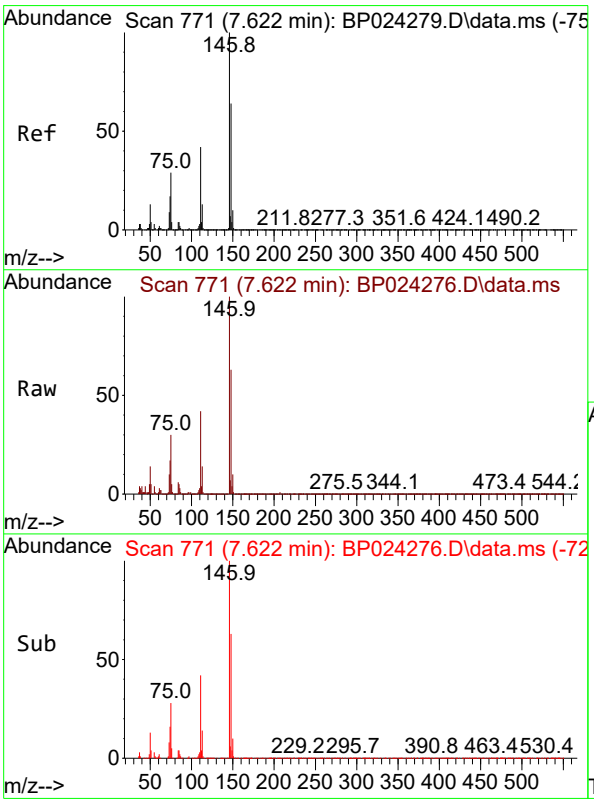
#11
bis(2-Chloroethyl)ether
Concen: 4.749 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 71228

Ion	Ratio	Lower	Upper
93	100		
63	71.6	48.6	88.6
95	32.9	12.3	52.3

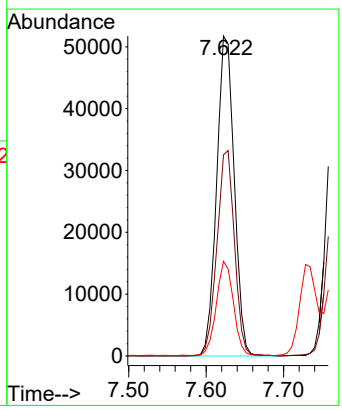


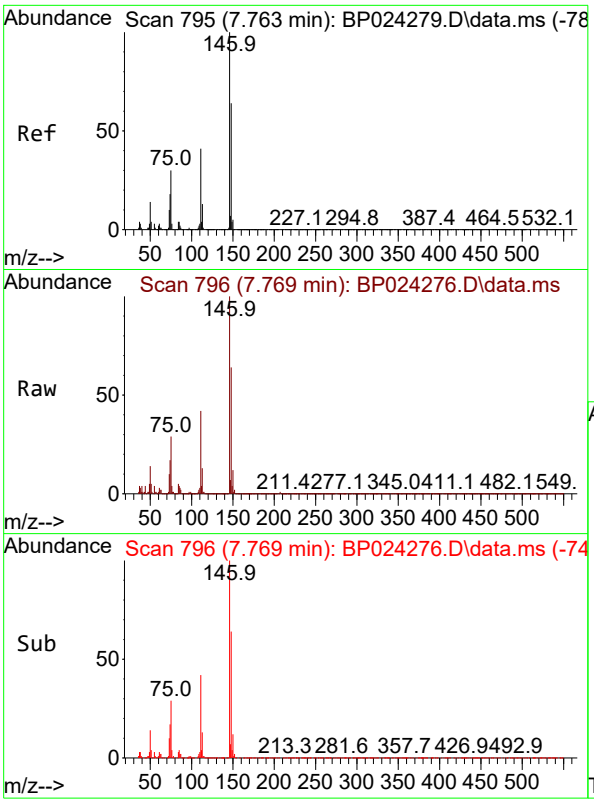


#12
1,3-Dichlorobenzene
Concen: 4.987 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 81600

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.4	77.0
75	29.6	22.9	34.3



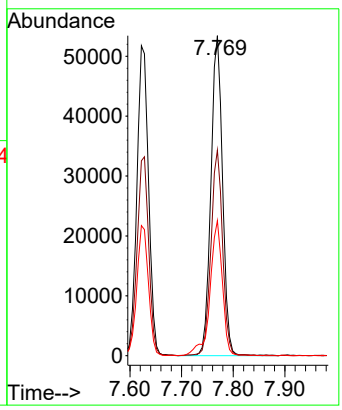


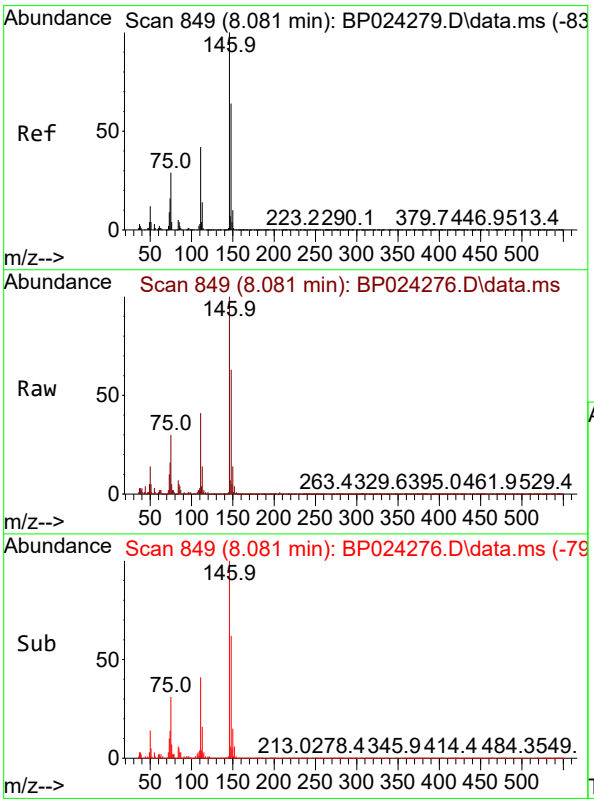
#13
1,4-Dichlorobenzene
Concen: 5.027 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 83408

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.2	32.6	48.8

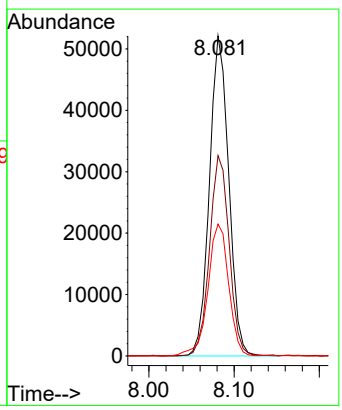


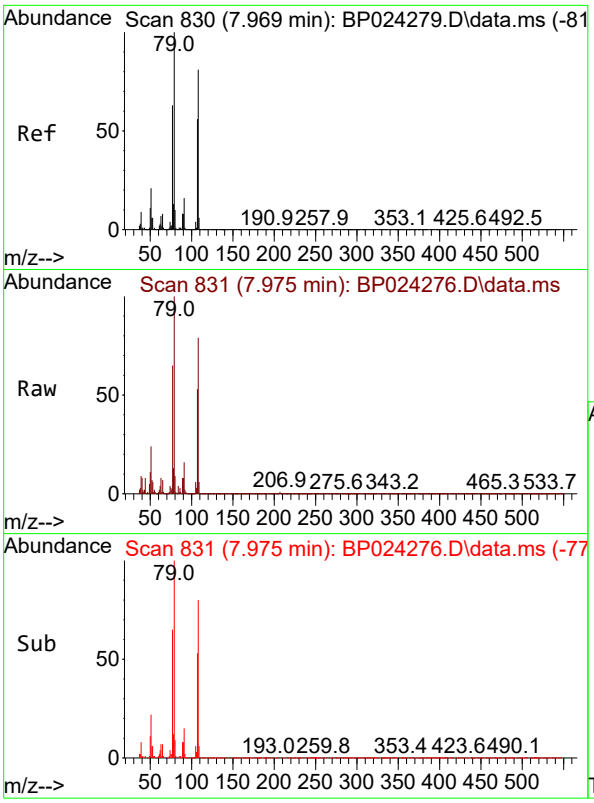


#14
1,2-Dichlorobenzene
Concen: 5.115 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:146 Resp: 82066

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.4
111	41.2	33.8	50.8



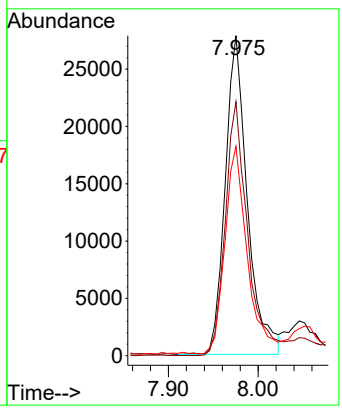


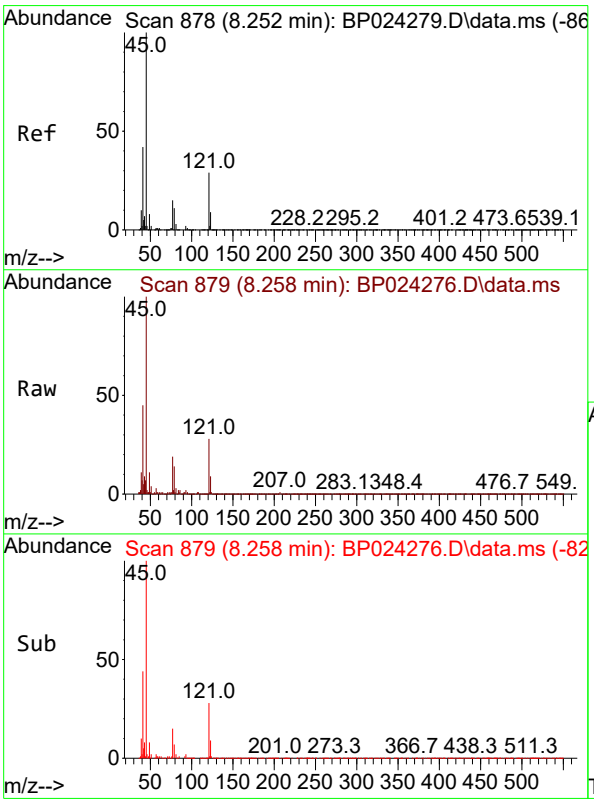
#15
Benzyl Alcohol
Concen: 4.032 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 47777

Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	65.4	50.7	76.1

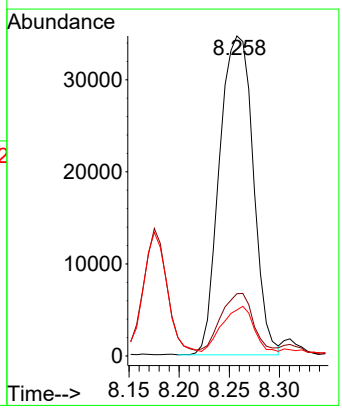


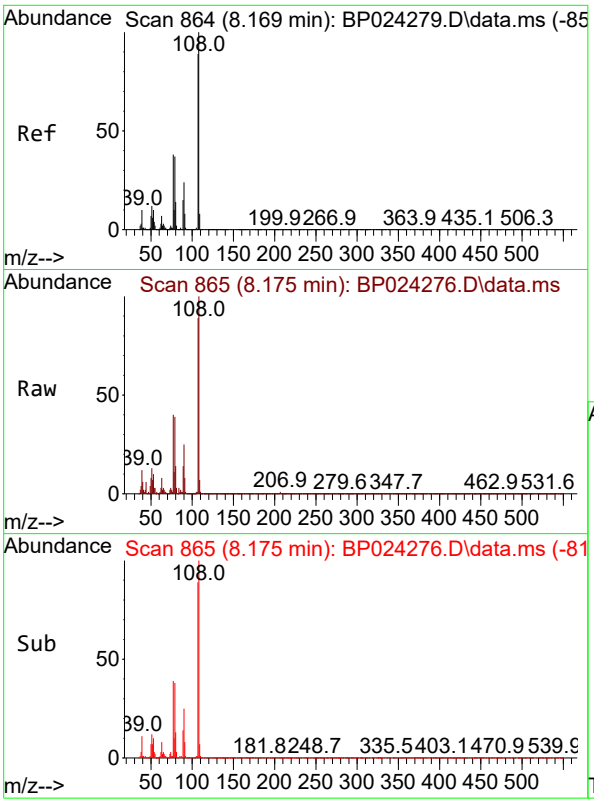


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.962 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 45 Resp: 80975

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	37.7
79	14.4	0.0	33.5



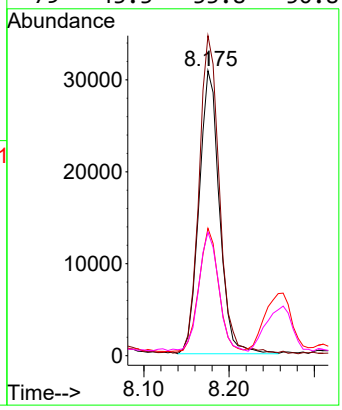


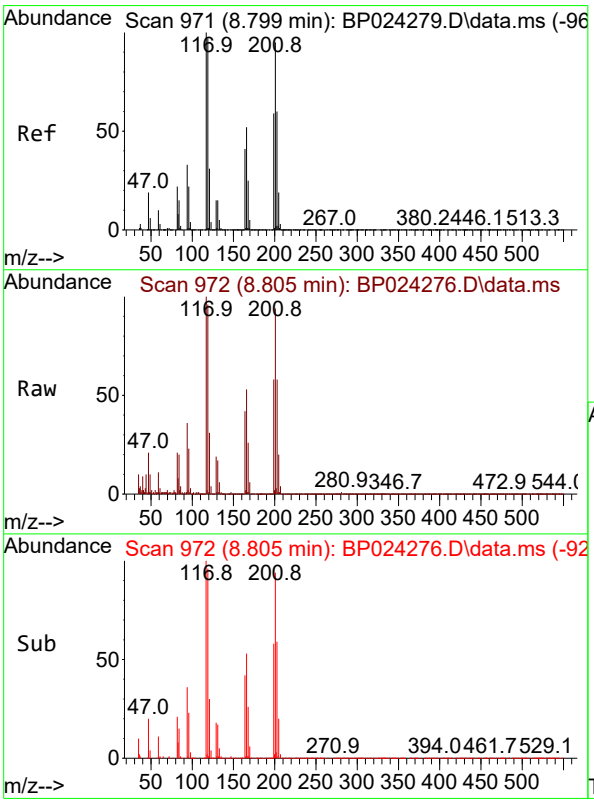
#17
2-Methylphenol
Concen: 4.267 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 51039

Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.8	134.6
77	44.7	34.2	51.4
79	43.3	33.8	50.8

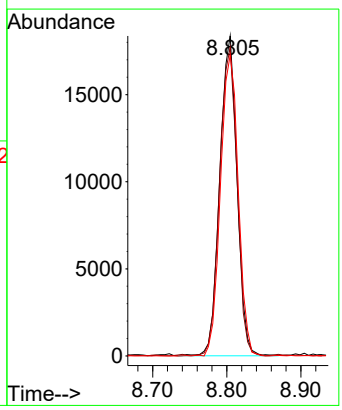


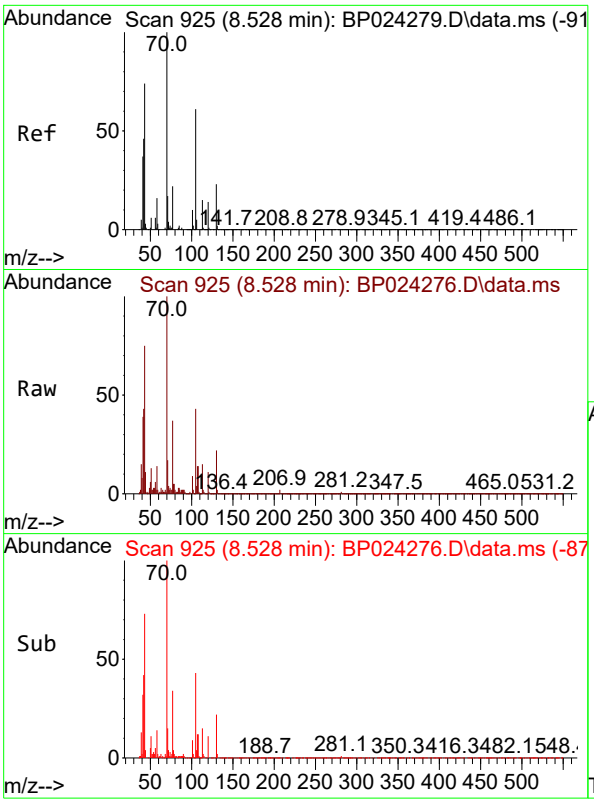


#18
Hexachloroethane
Concen: 4.950 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:117 Resp: 29643

Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.8	116.6
201	96.8	75.9	113.9



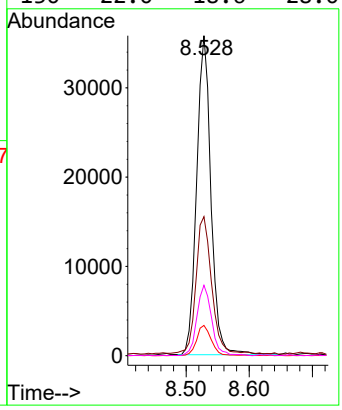


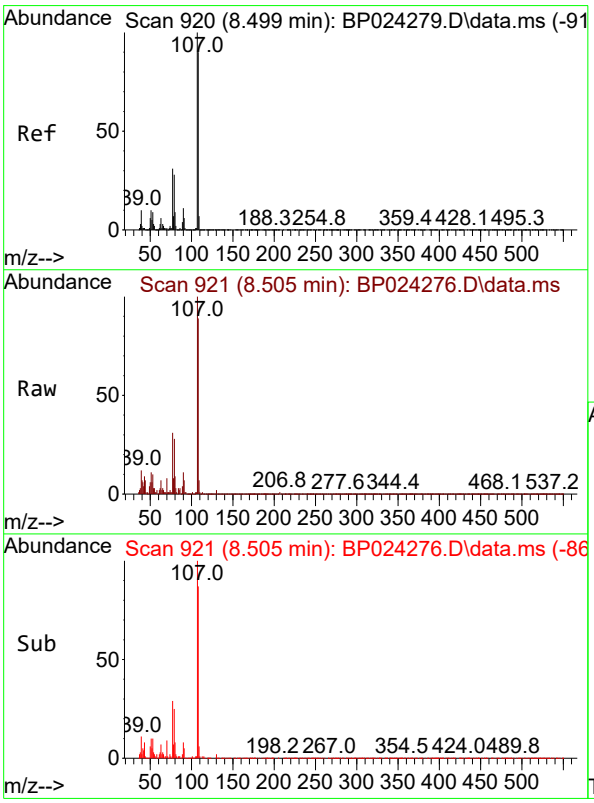
#19
n-Nitroso-di-n-propylamine
Concen: 4.896 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 56212

Ion	Ratio	Lower	Upper
70	100		
42	43.5	37.3	55.9
101	9.4	8.2	12.4
130	22.0	18.6	28.0

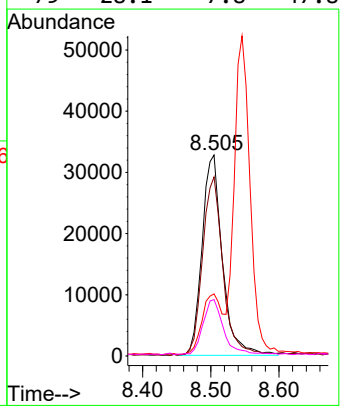


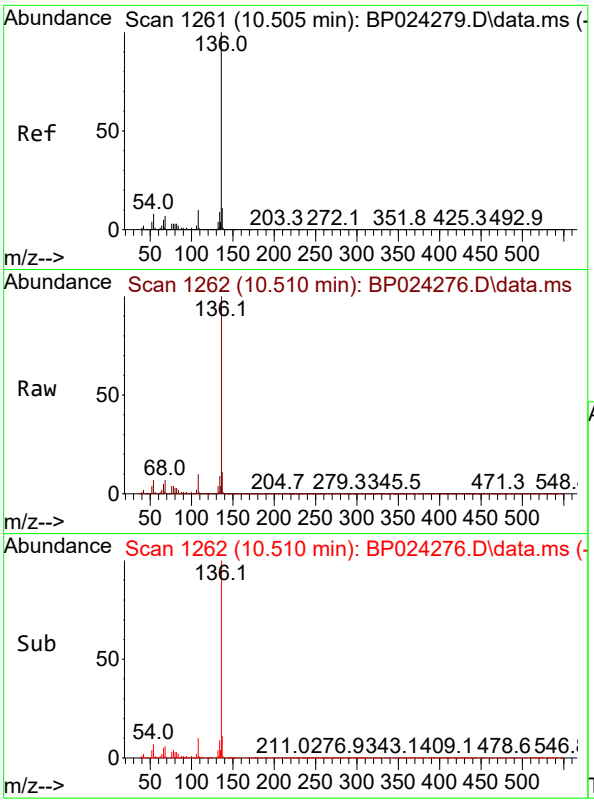


#20
3+4-Methylphenols
Concen: 4.120 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:107 Resp: 68264

Ion	Ratio	Lower	Upper
107	100		
108	89.1	69.8	109.8
77	30.9	11.5	51.5
79	28.1	7.8	47.8



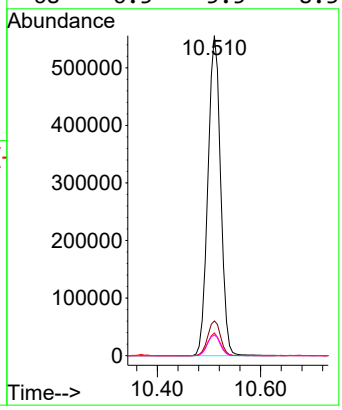


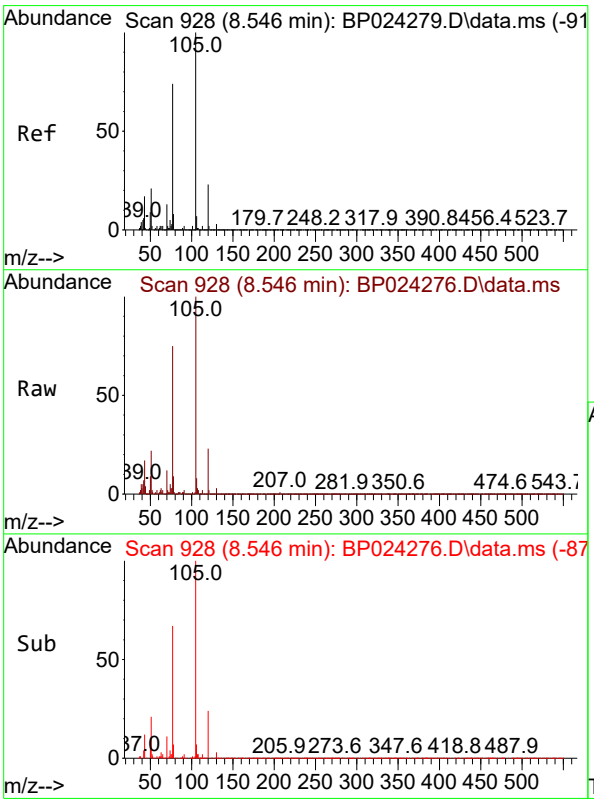
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 946483

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.1	6.0	9.0
68	6.5	5.5	8.3

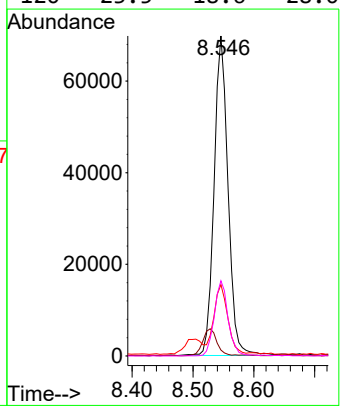


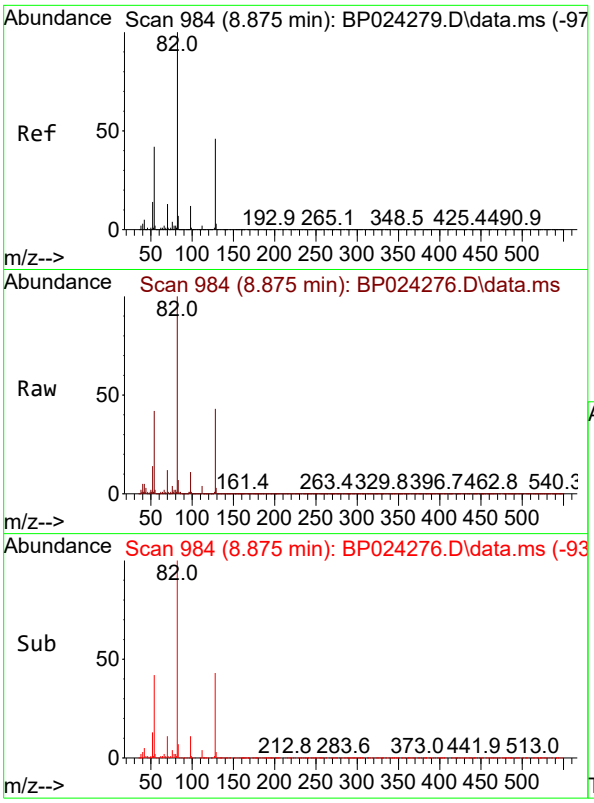


#22
Acetophenone
Concen: 4.725 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:105 Resp: 111159

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	22.3	16.9	25.3
120	23.5	18.6	28.0



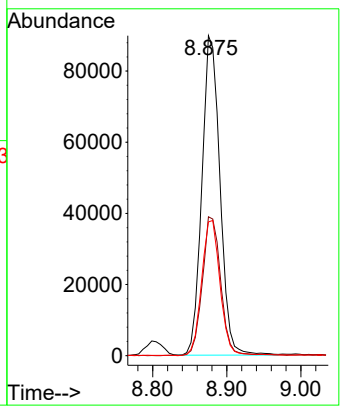


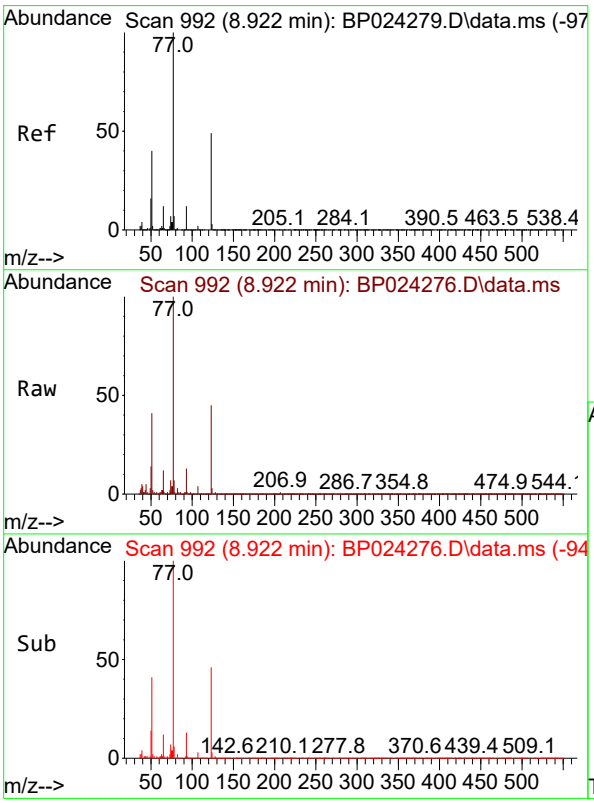
#23
Nitrobenzene-d5
Concen: 9.160 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 152286

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.5	54.7
54	41.8	33.4	50.2

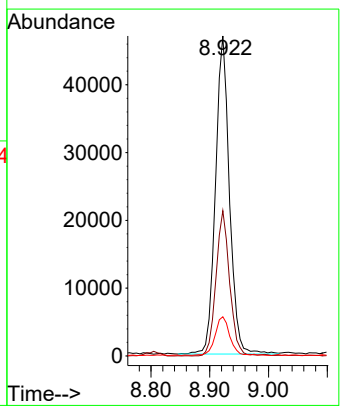


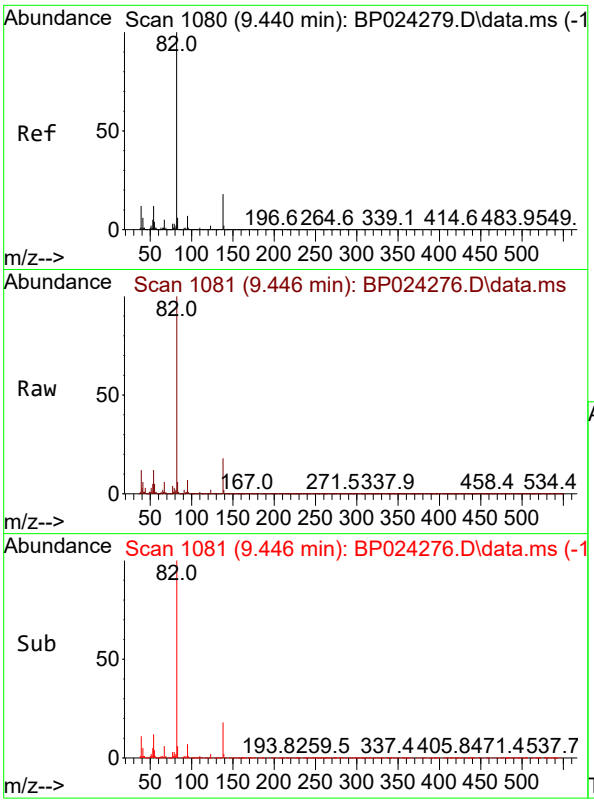


#24
Nitrobenzene
Concen: 4.709 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 77 Resp: 77593

Ion	Ratio	Lower	Upper
77	100		
123	45.4	39.2	58.8
65	12.3	9.8	14.6



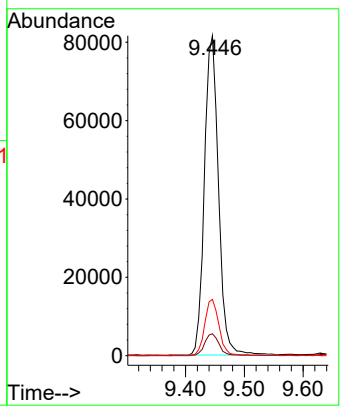


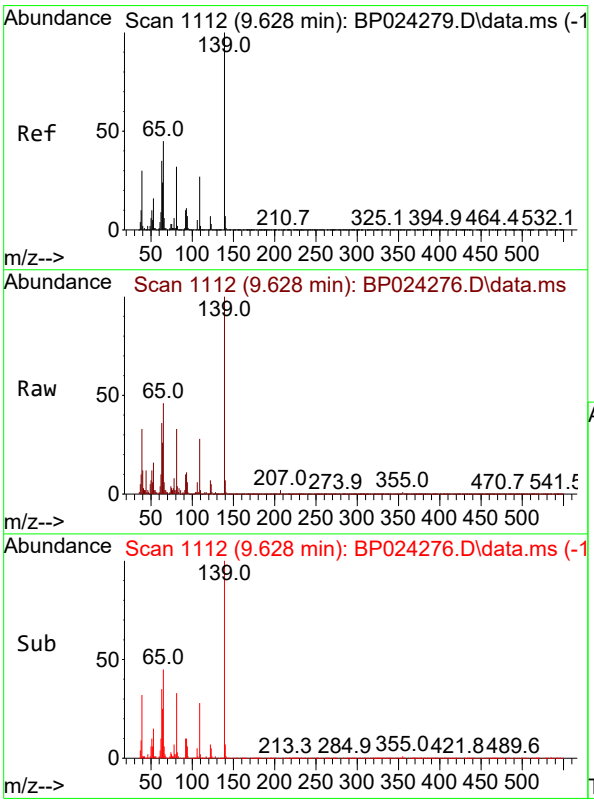
#25
Isophorone
Concen: 4.534 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 136090

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	17.6	14.4	21.6

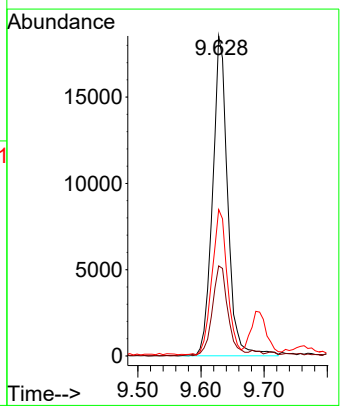


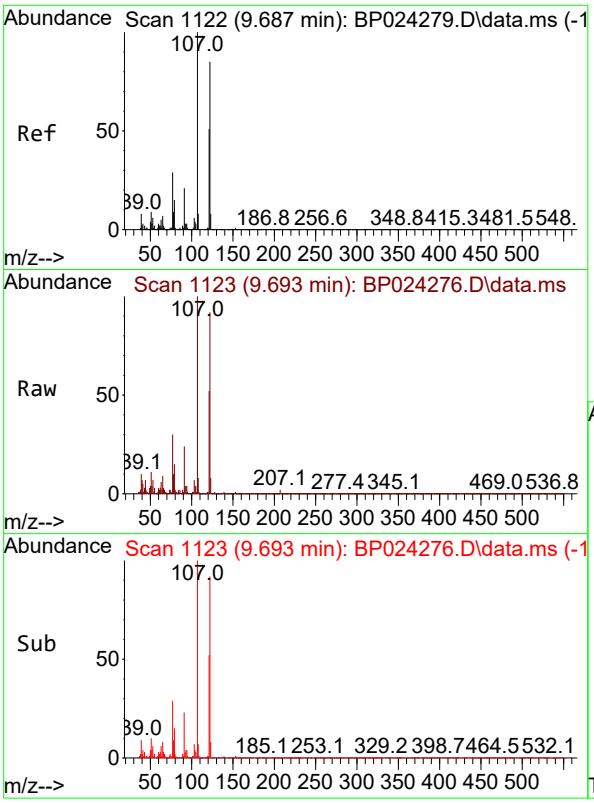


#26
2-Nitrophenol
Concen: 3.882 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 30712

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.8	32.6
65	45.7	36.2	54.2



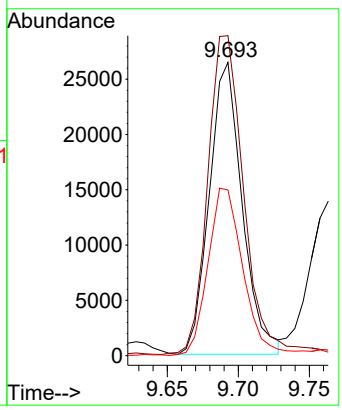


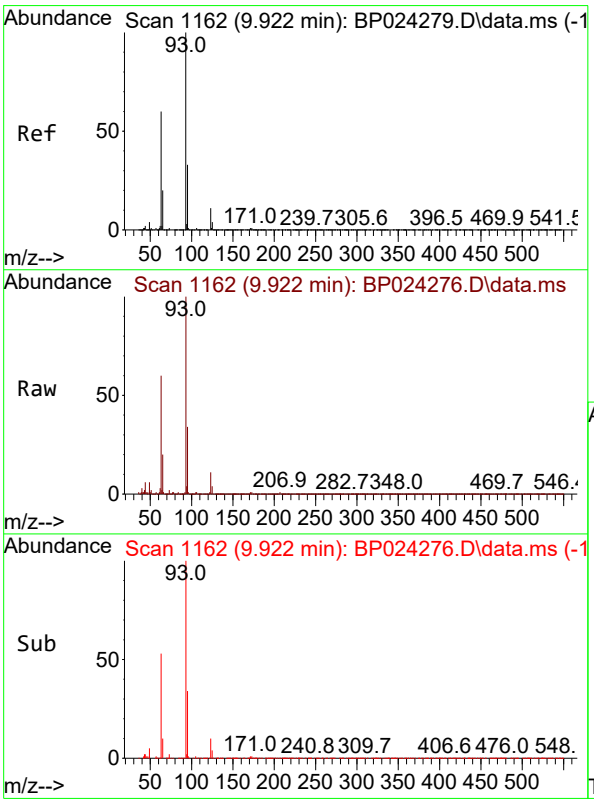
#27
2,4-Dimethylphenol
Concen: 4.239 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 42510

Ion	Ratio	Lower	Upper
122	100		
107	109.1	93.7	140.5
121	56.5	48.2	72.2

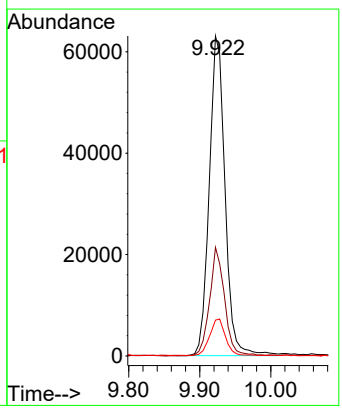


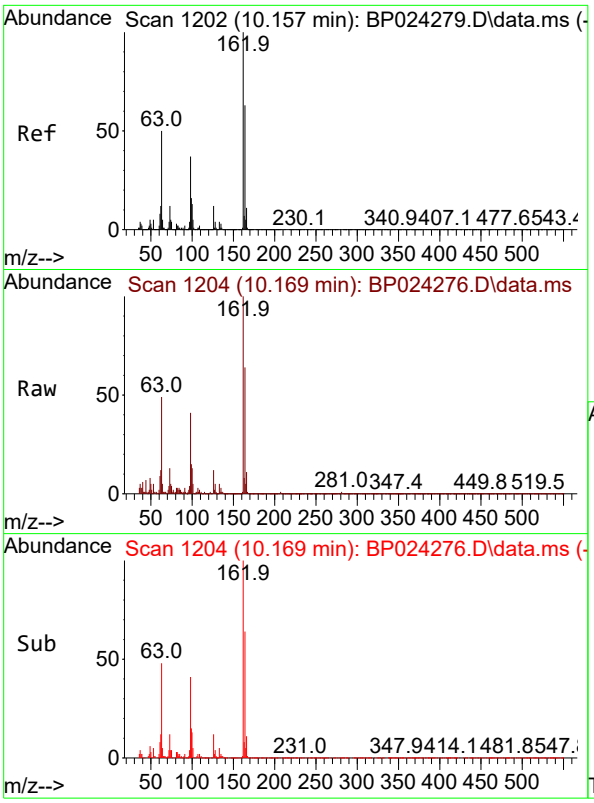


#28
bis(2-Chloroethoxy)methane
Concen: 4.774 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion: 93 Resp: 97512

Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.0	39.0
123	11.2	9.1	13.7



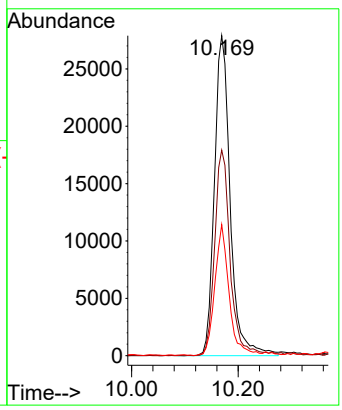


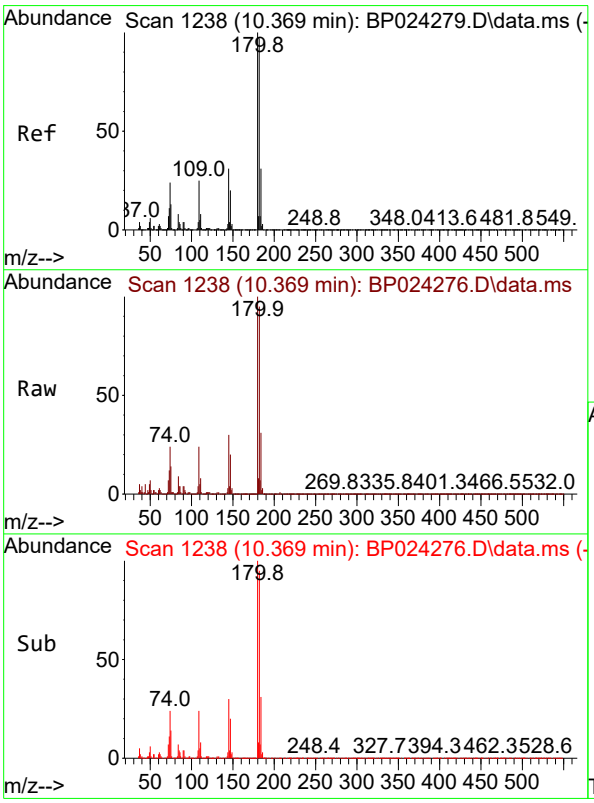
#29
2,4-Dichlorophenol
Concen: 4.193 ng
RT: 10.169 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 57301

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.3	83.3
98	41.0	16.6	56.6

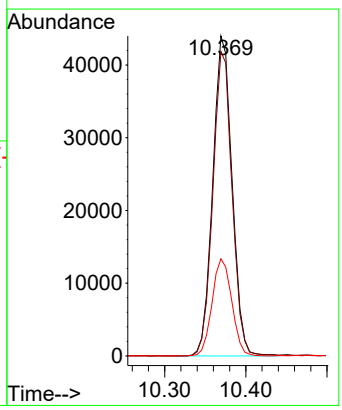


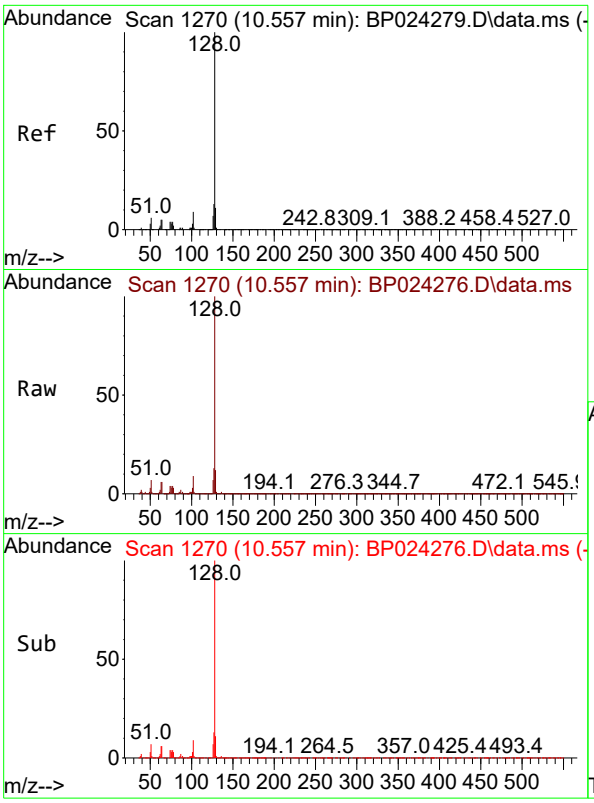


#30
1,2,4-Trichlorobenzene
Concen: 4.923 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:180 Resp: 72789

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.3	115.9
145	30.3	25.1	37.7



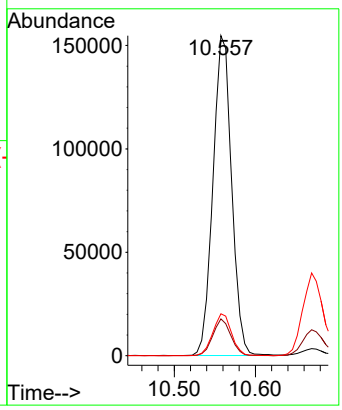


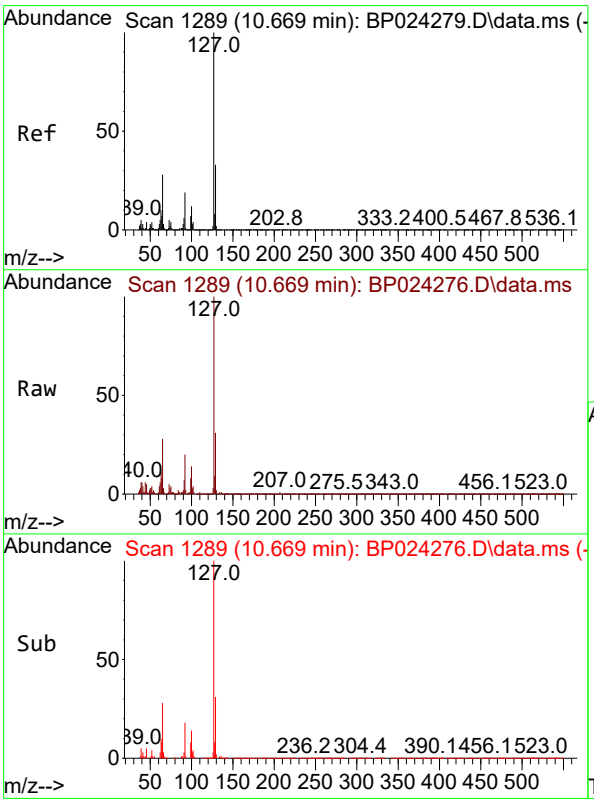
#31
Naphthalene
Concen: 4.930 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 246999

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.1	10.3	15.5

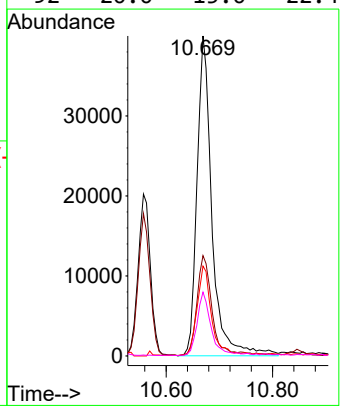


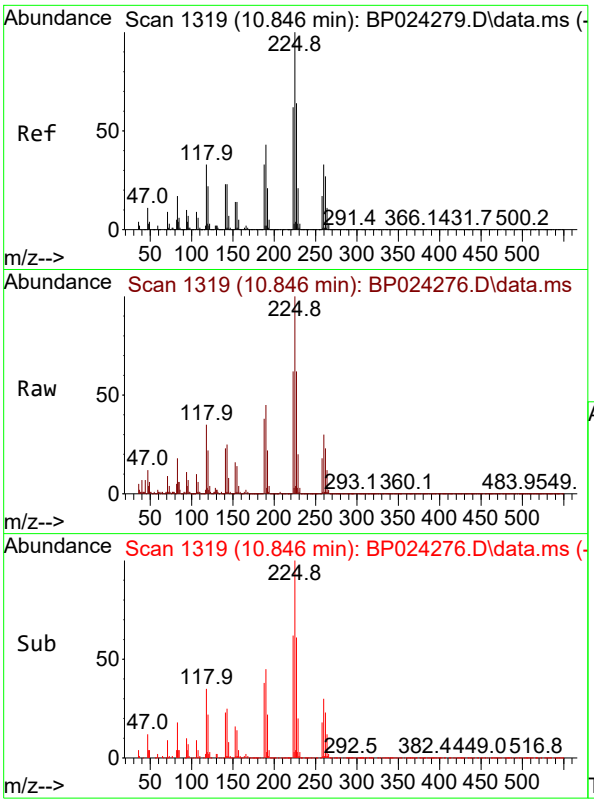


#33
4-Chloroaniline
Concen: 4.437 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:127 Resp: 77667

Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	28.1	22.1	33.1
92	20.0	15.0	22.4



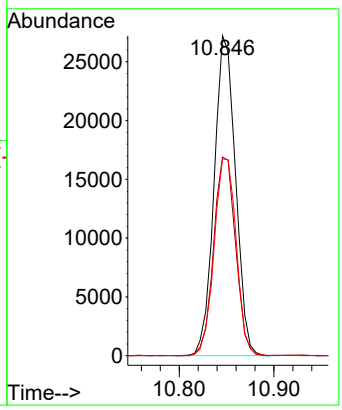


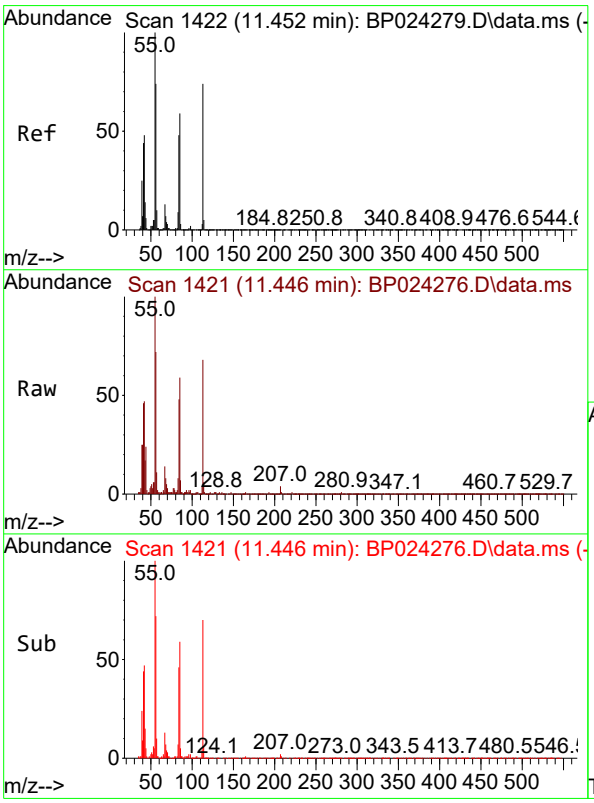
#34
Hexachlorobutadiene
Concen: 4.926 ng
RT: 10.846 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 42723

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.5	74.3
227	61.5	50.9	76.3

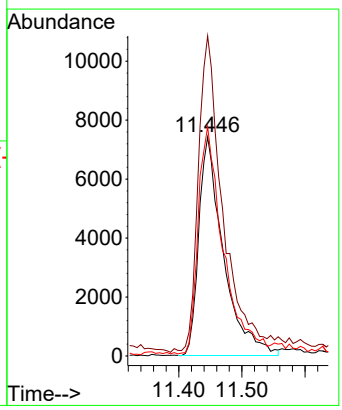


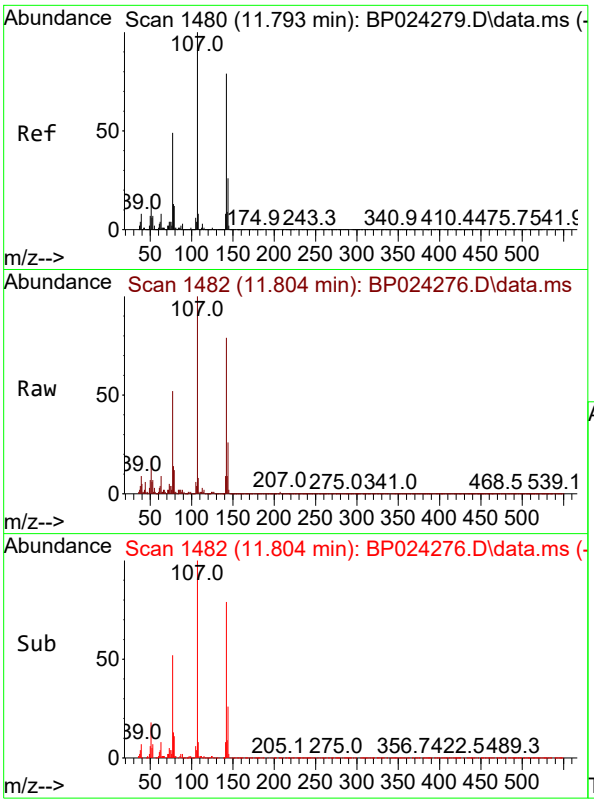


#35
Caprolactam
Concen: 4.002 ng
RT: 11.446 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:113 Resp: 20082

Ion	Ratio	Lower	Upper
113	100		
55	146.2	115.9	155.9
56	104.7	81.1	121.1



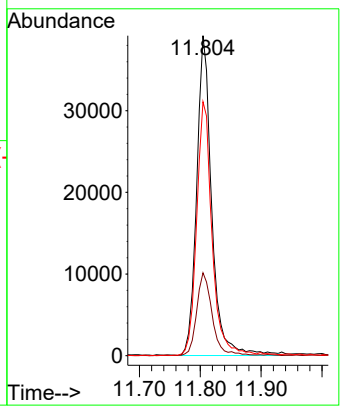


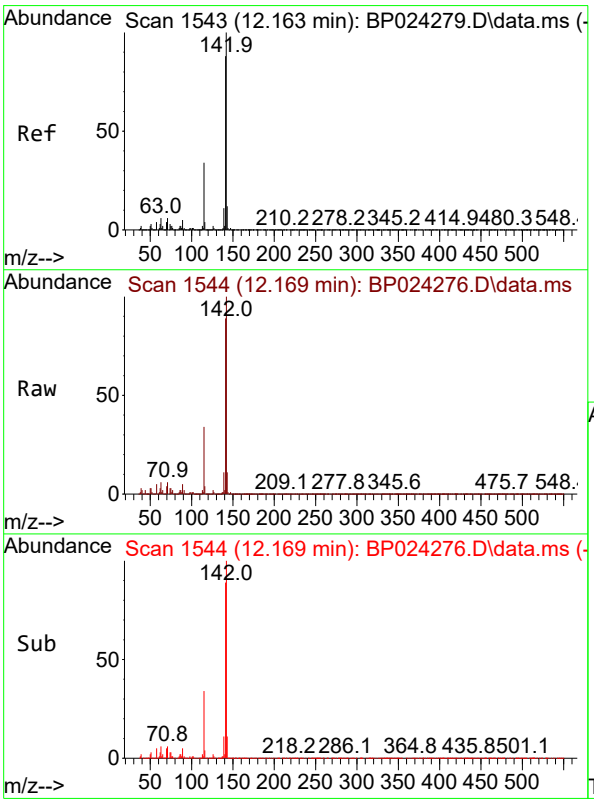
#36
4-Chloro-3-methylphenol
Concen: 4.214 ng
RT: 11.804 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 67116

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	79.3	63.4	95.2

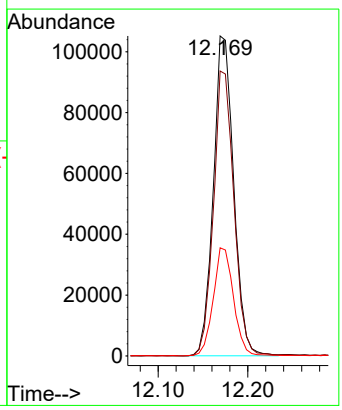


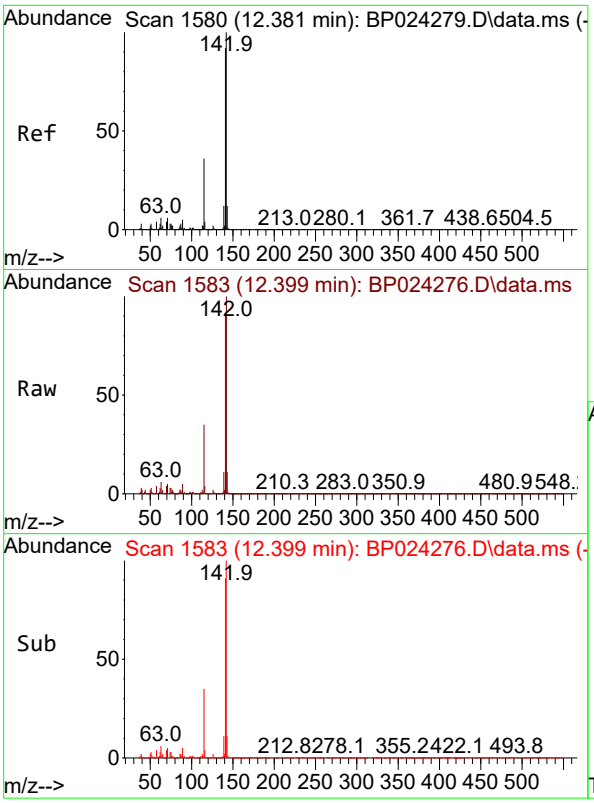


#37
2-Methylnaphthalene
Concen: 4.770 ng
RT: 12.169 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:142 Resp: 165617

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	33.8	26.9	40.3



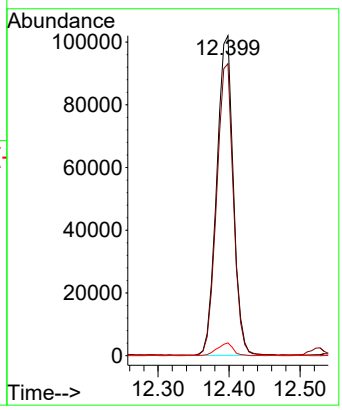


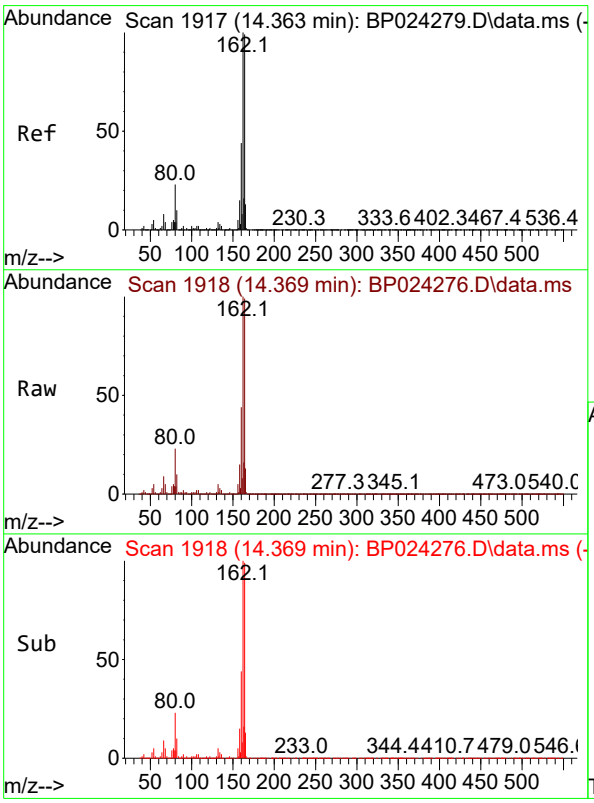
#38
1-Methylnaphthalene
Concen: 4.870 ng
RT: 12.399 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 165656

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.6	110.4
116	4.0	3.0	4.6

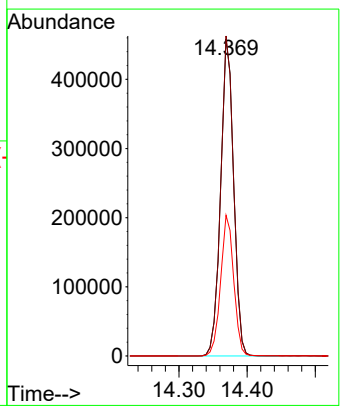


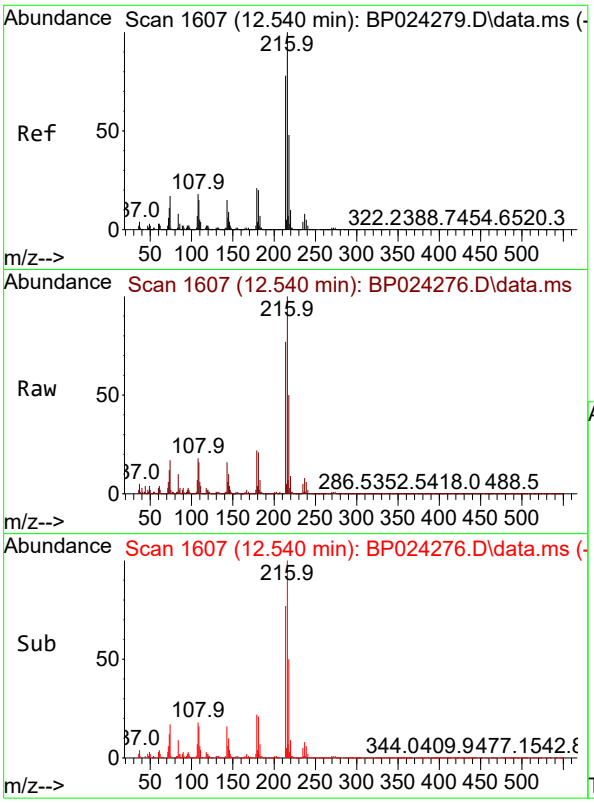


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:164 Resp: 609743

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.4	35.3	52.9



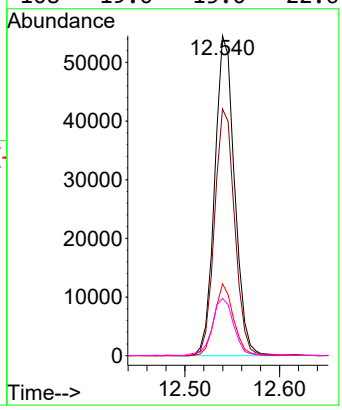


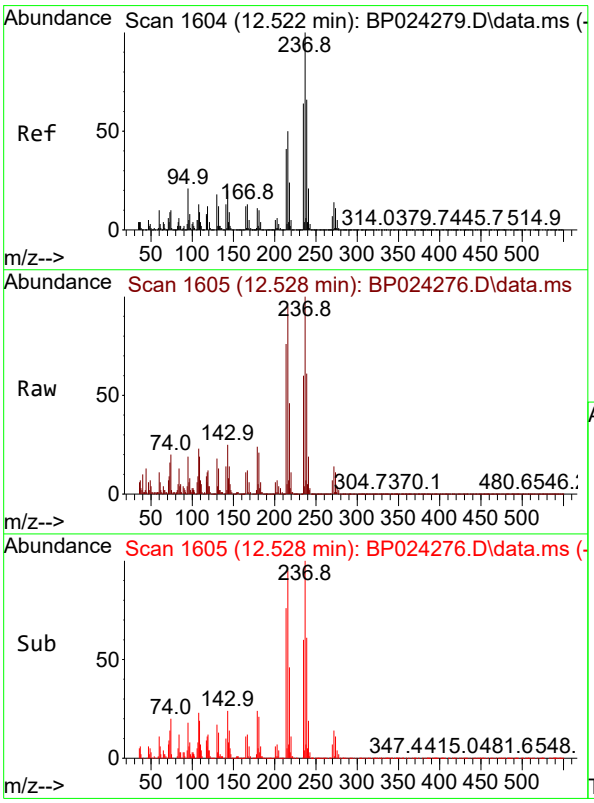
#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.744 ng
RT: 12.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 79501

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.6	93.8
179	21.7	17.2	25.8
108	19.0	15.0	22.6

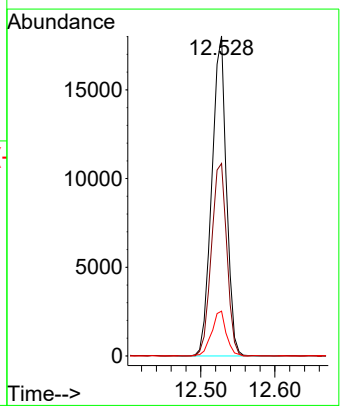


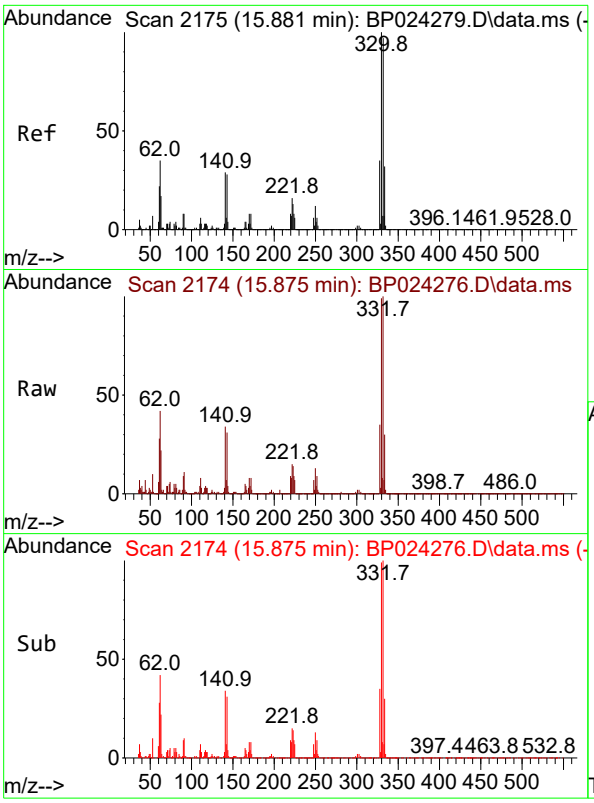


#41
Hexachlorocyclopentadiene
Concen: 4.198 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:237 Resp: 24696

Ion	Ratio	Lower	Upper
237	100		
235	60.2	43.9	83.9
272	14.0	0.0	33.6



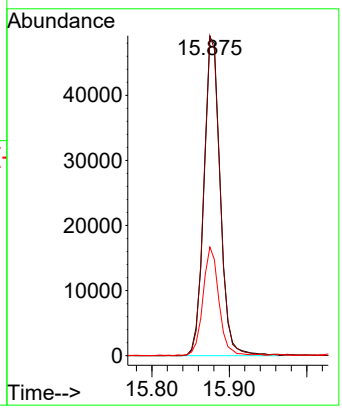


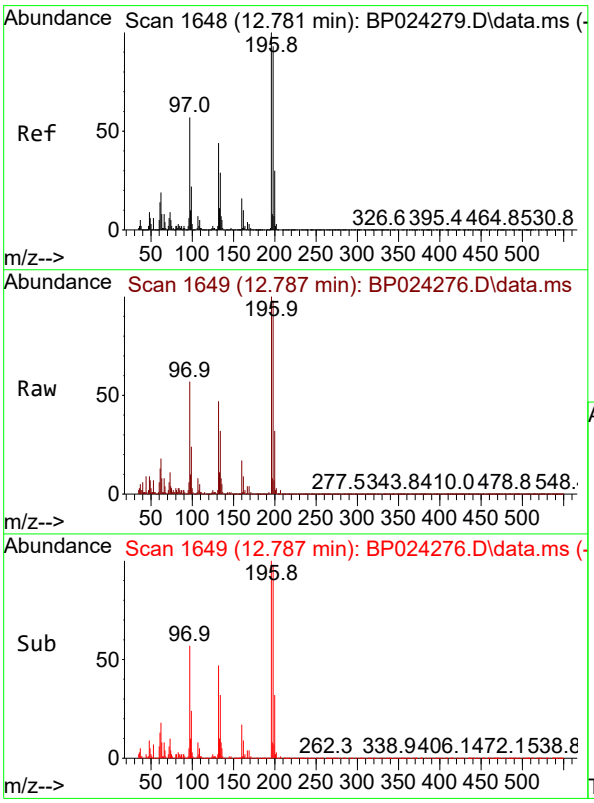
#42
2,4,6-Tribromophenol
Concen: 8.571 ng
RT: 15.875 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 71560

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.1	115.7
141	33.2	24.7	37.1

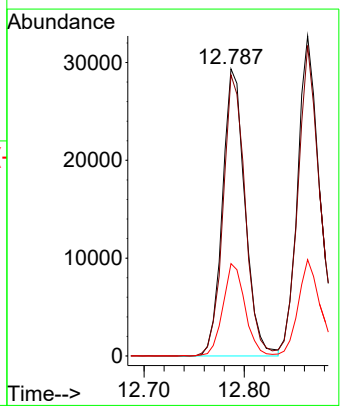


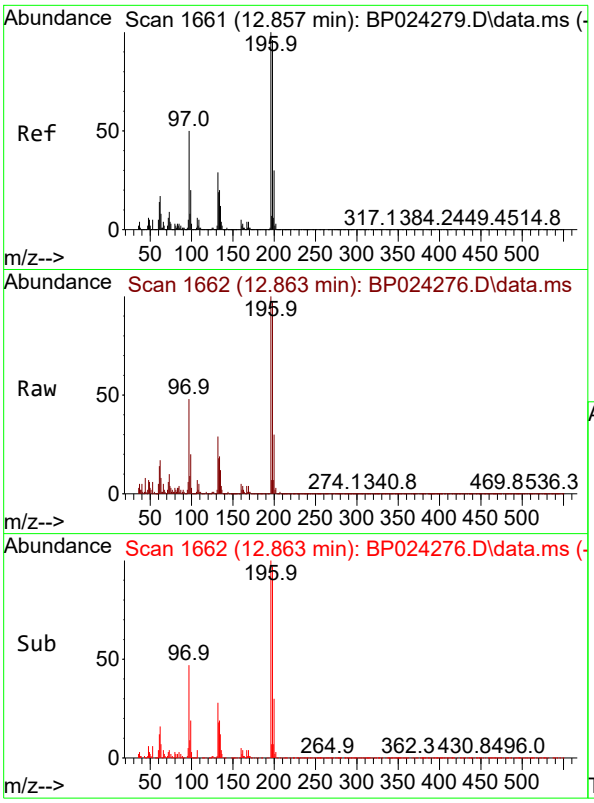


#43
2,4,6-Trichlorophenol
Concen: 4.165 ng
RT: 12.787 min Scan# 1649
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:196 Resp: 45925

Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.3	111.5
200	32.2	24.0	36.0



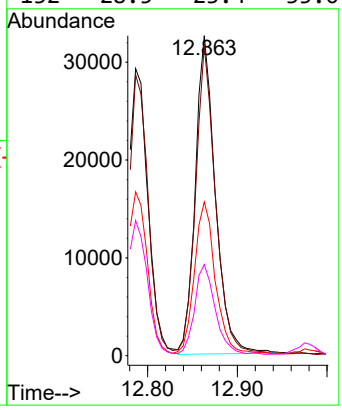


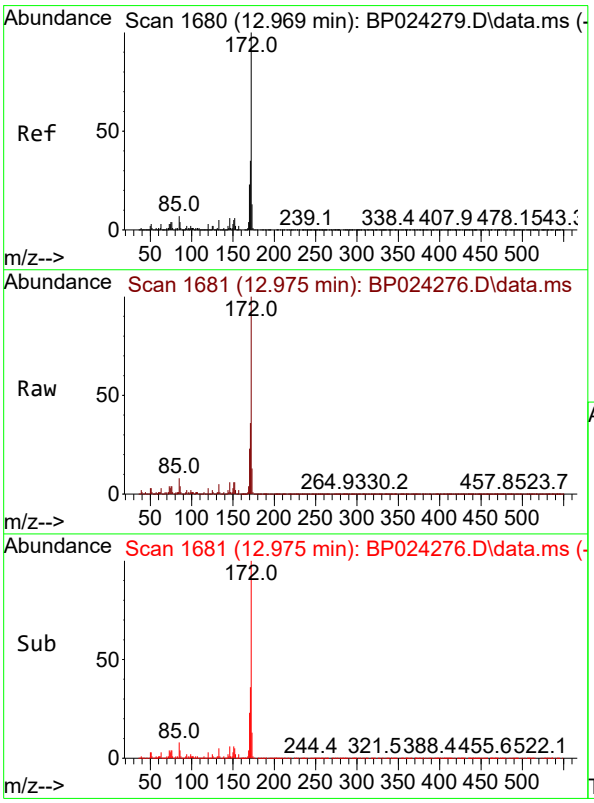
#44
2,4,5-Trichlorophenol
Concen: 4.147 ng
RT: 12.863 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 50675

Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.3	115.9
97	48.1	40.4	60.6
132	28.5	23.4	35.0

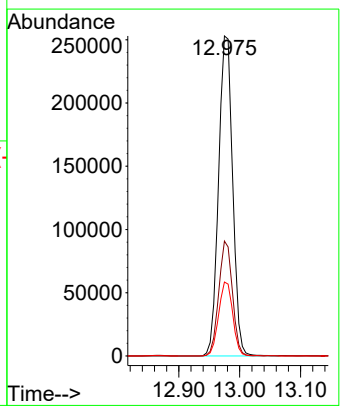


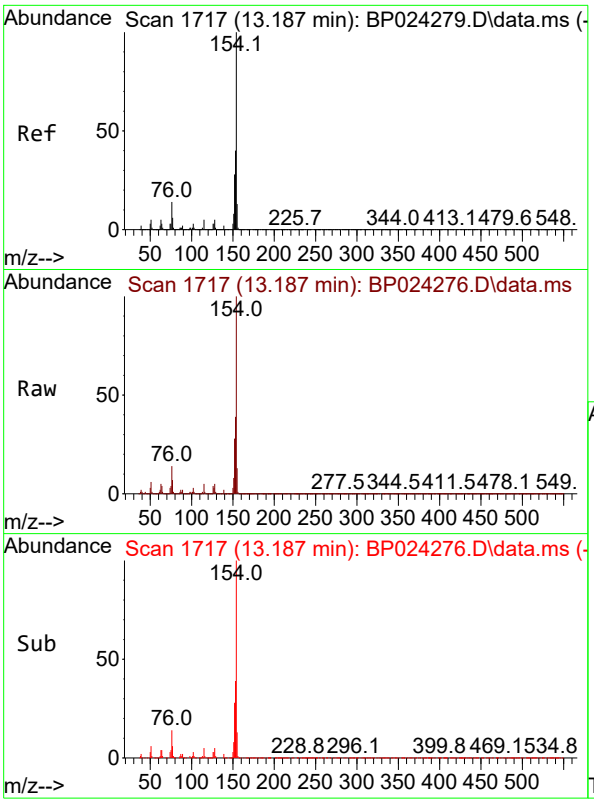


#45
2-Fluorobiphenyl
Concen: 10.111 ng
RT: 12.975 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:172 Resp: 406060

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	23.1	18.6	27.8



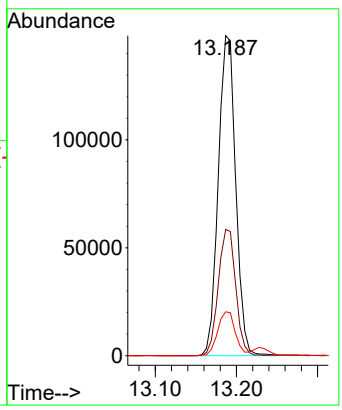


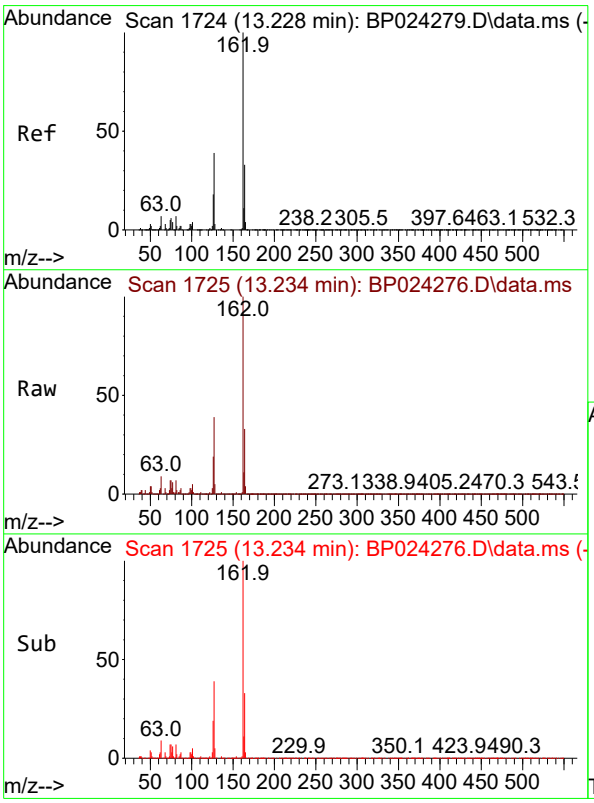
#46
1,1'-Biphenyl
Concen: 4.922 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 221653

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	13.7	0.0	33.5

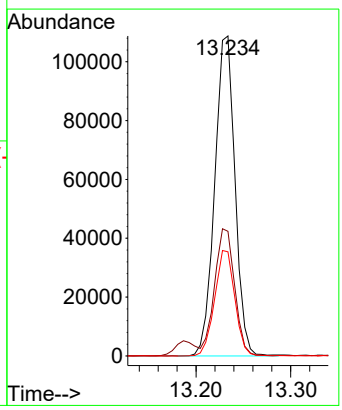


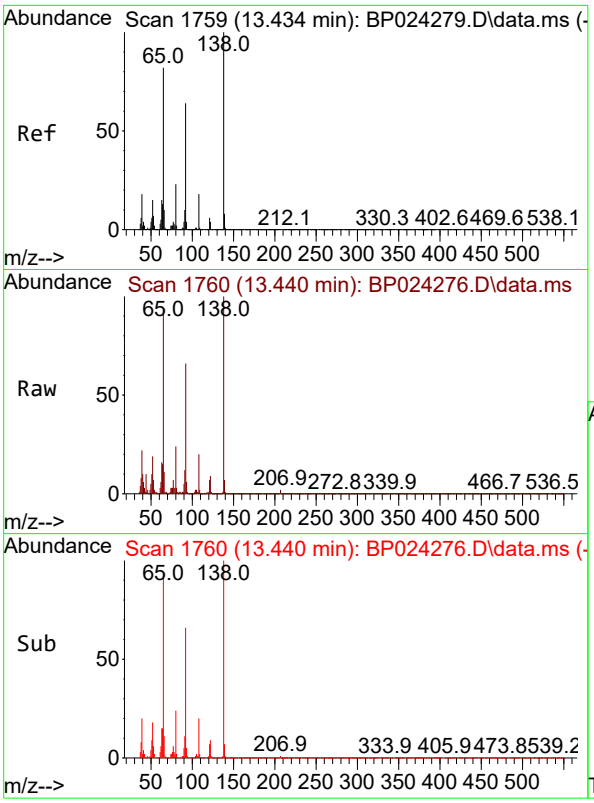


#47
2-Chloronaphthalene
Concen: 4.824 ng
RT: 13.234 min Scan# 1725
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:162 Resp: 162099

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.9	47.9
164	32.5	26.2	39.4



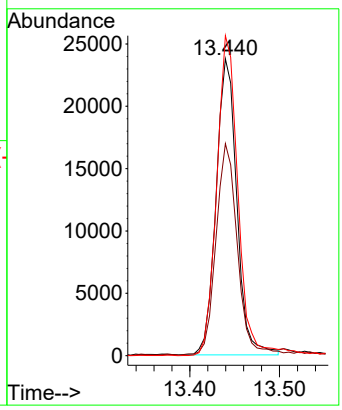


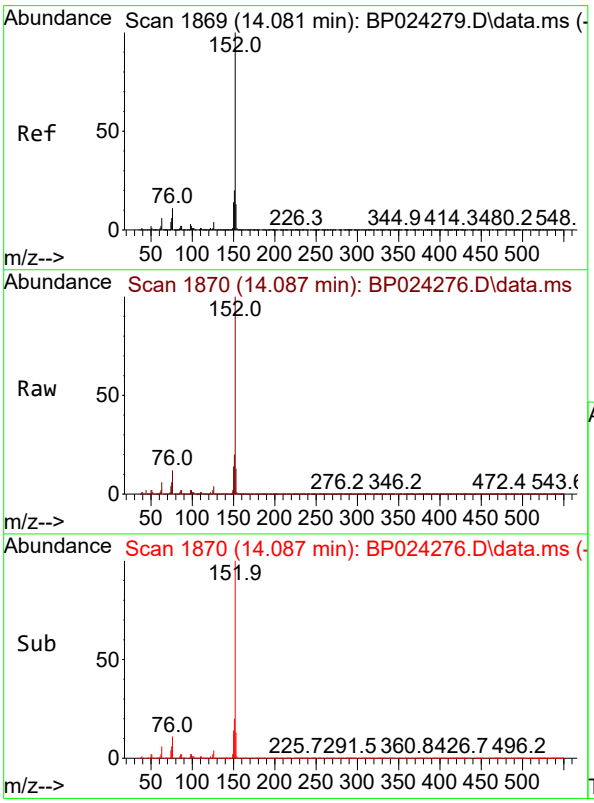
#48
2-Nitroaniline
Concen: 4.111 ng
RT: 13.440 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 38152

Ion	Ratio	Lower	Upper
65	100		
92	71.5	62.3	93.5
138	107.8	97.2	145.8

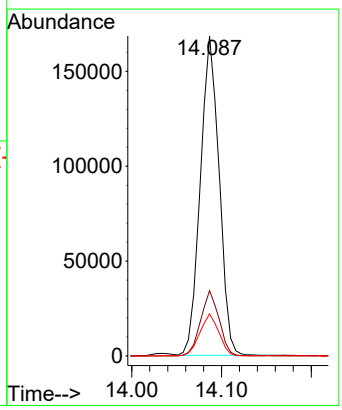


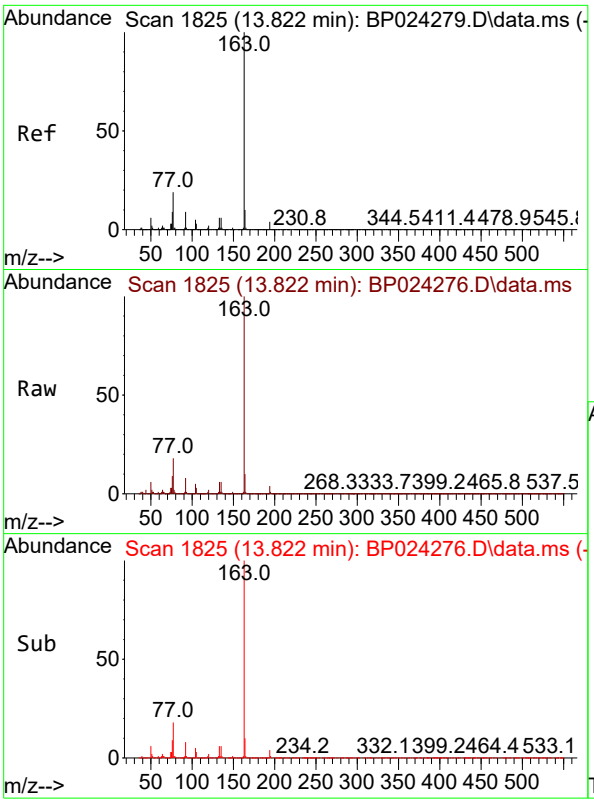


#49
Acenaphthylene
Concen: 4.637 ng
RT: 14.087 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:152 Resp: 244566

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.2	10.6	15.8



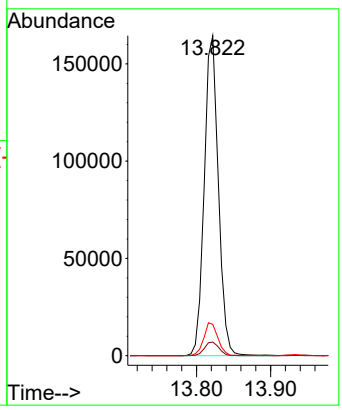


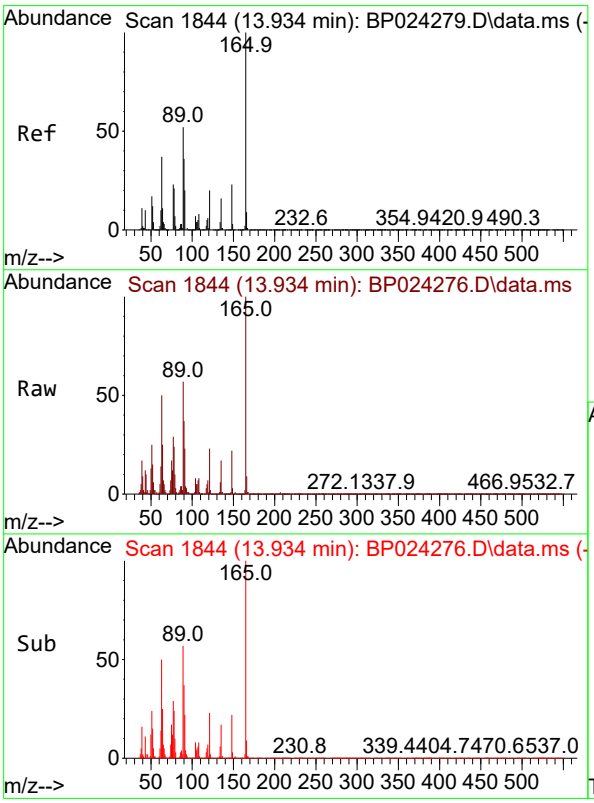
#50
Dimethylphthalate
Concen: 4.897 ng
RT: 13.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 217848

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.0	12.0

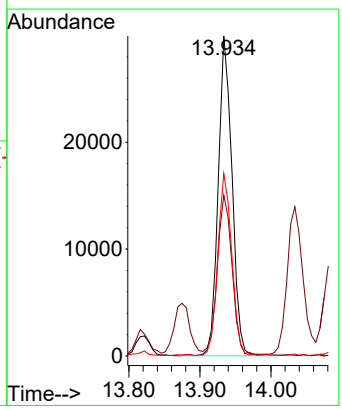


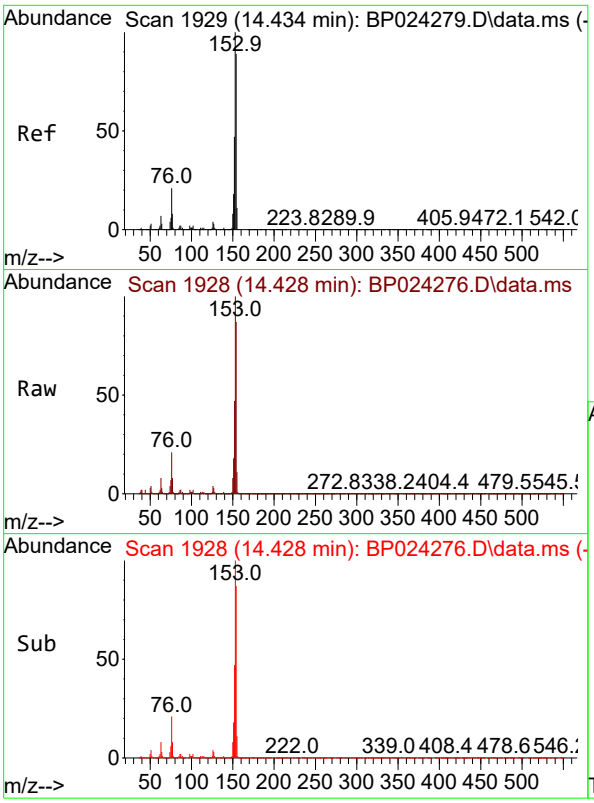


#51
2,6-Dinitrotoluene
Concen: 4.287 ng
RT: 13.934 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:165 Resp: 40182

Ion	Ratio	Lower	Upper
165	100		
63	50.3	38.0	57.0
89	57.0	41.7	62.5



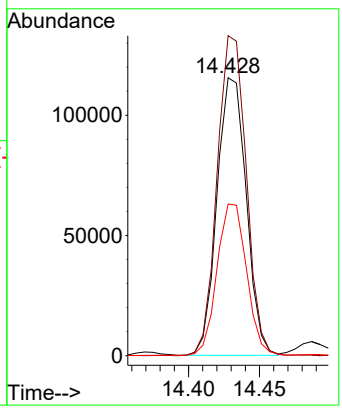


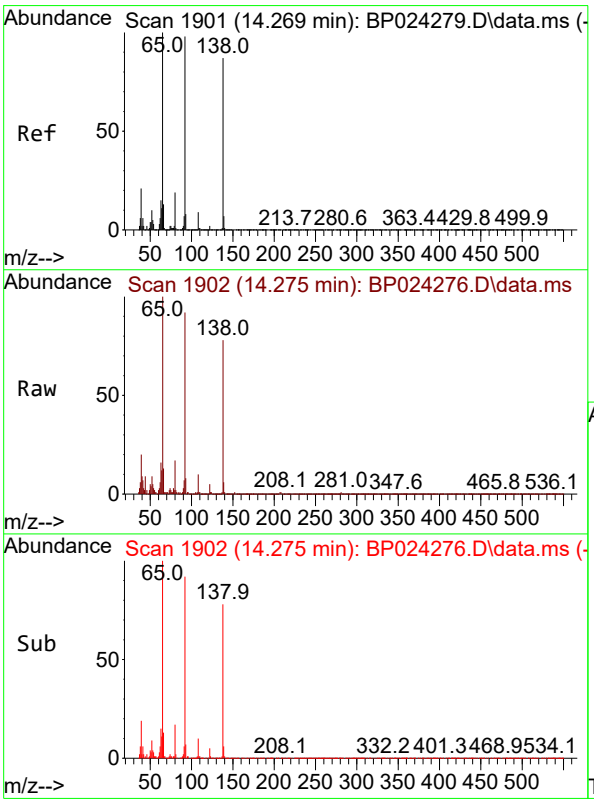
#52
Acenaphthene
Concen: 4.940 ng
RT: 14.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 165694

Ion	Ratio	Lower	Upper
154	100		
153	115.2	89.8	134.6
152	54.6	42.6	63.8

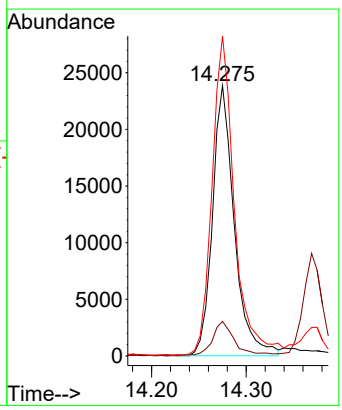


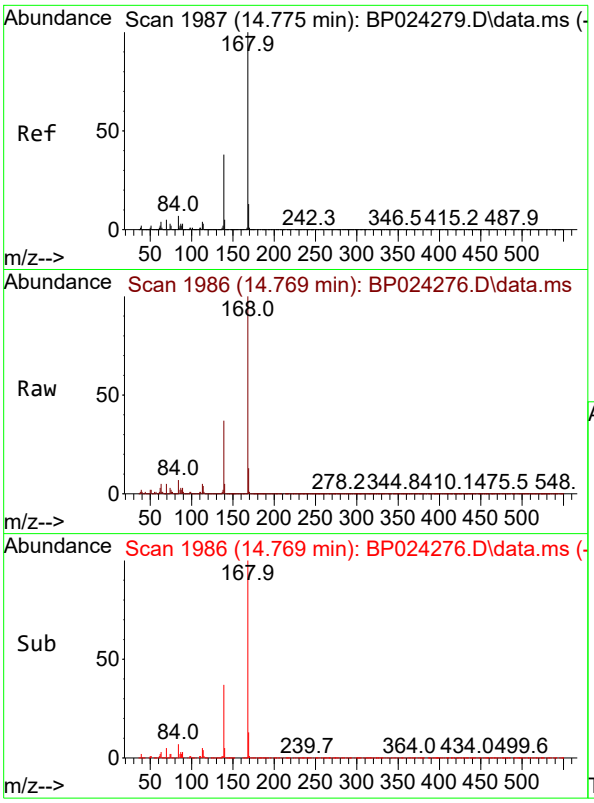


#53
3-Nitroaniline
Concen: 3.926 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 38178

Ion	Ratio	Lower	Upper
138	100		
108	12.8	8.3	12.5#
92	118.4	89.8	134.8



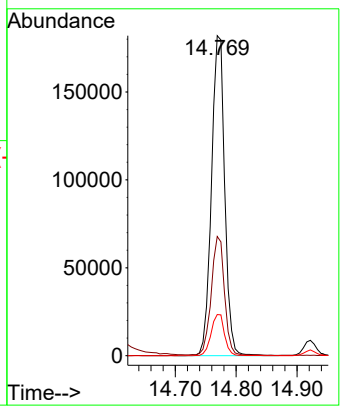


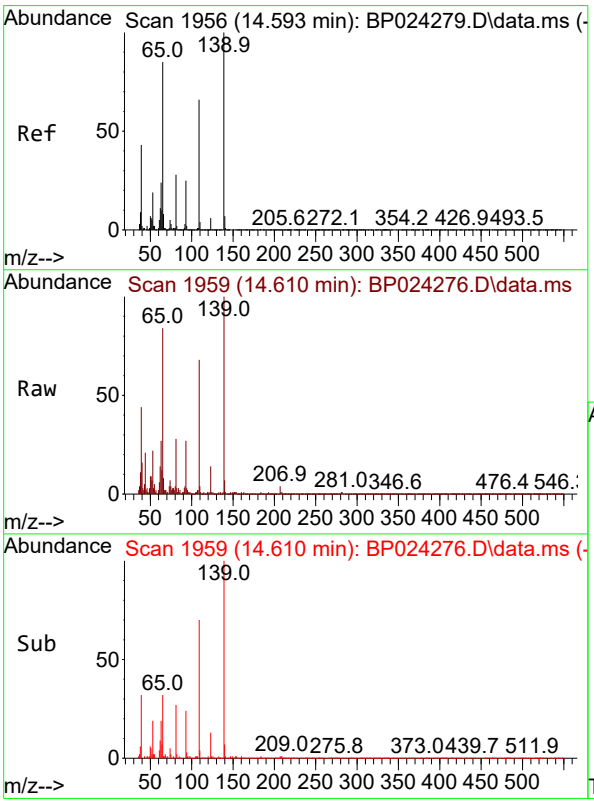
#55
Dibenzofuran
Concen: 4.991 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 274506

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	12.9	10.6	16.0

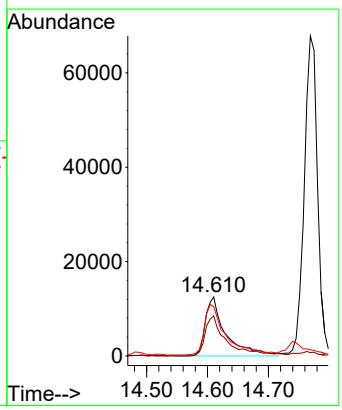


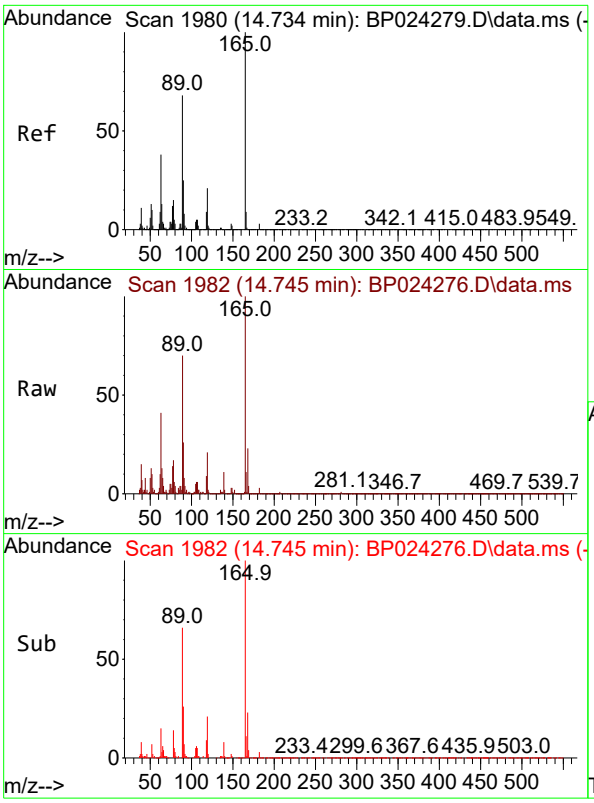


#56
4-Nitrophenol
Concen: 3.473 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:139 Resp: 29033

Ion	Ratio	Lower	Upper
139	100		
109	67.8	46.1	86.1
65	83.9	65.0	105.0



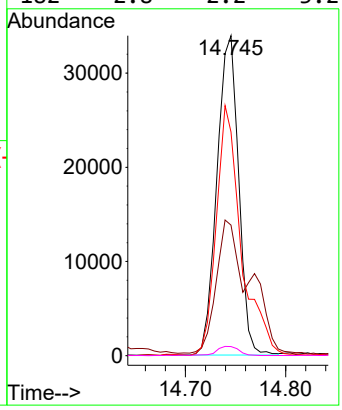


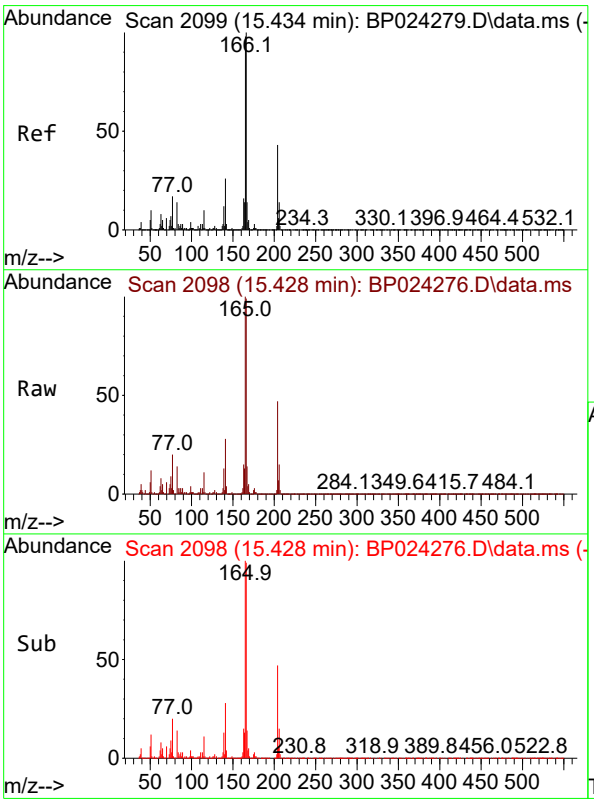
#57
2,4-Dinitrotoluene
Concen: 4.013 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 50843

Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.4	45.6
89	69.9	54.6	82.0
182	2.8	2.2	3.2

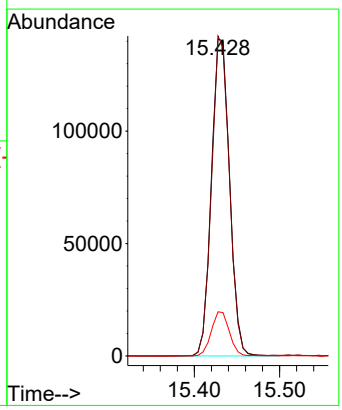


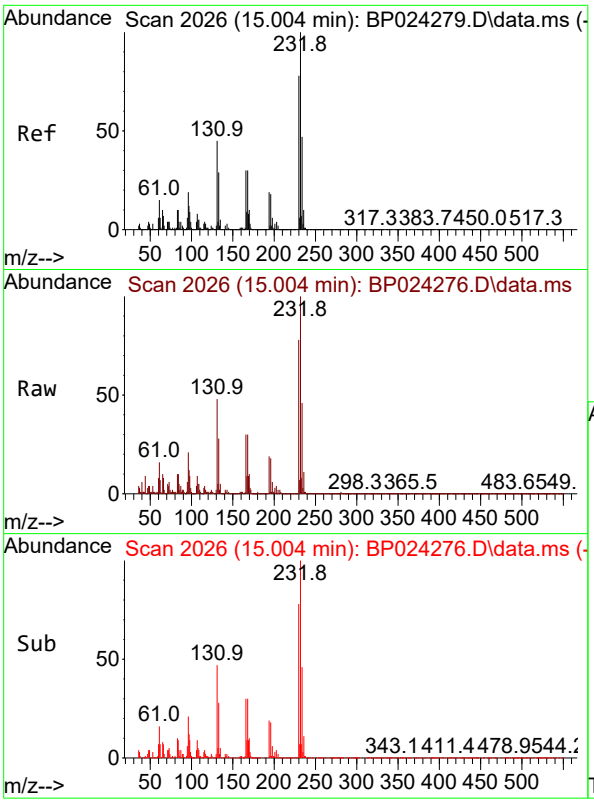


#58
Fluorene
Concen: 4.939 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:166 Resp: 209763

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.1	117.1
167	13.9	10.9	16.3



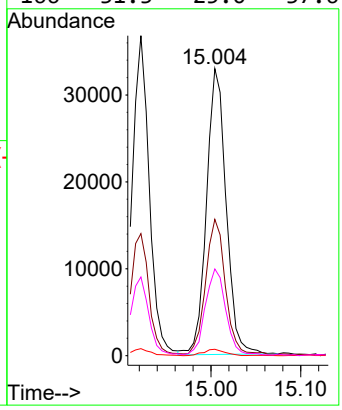


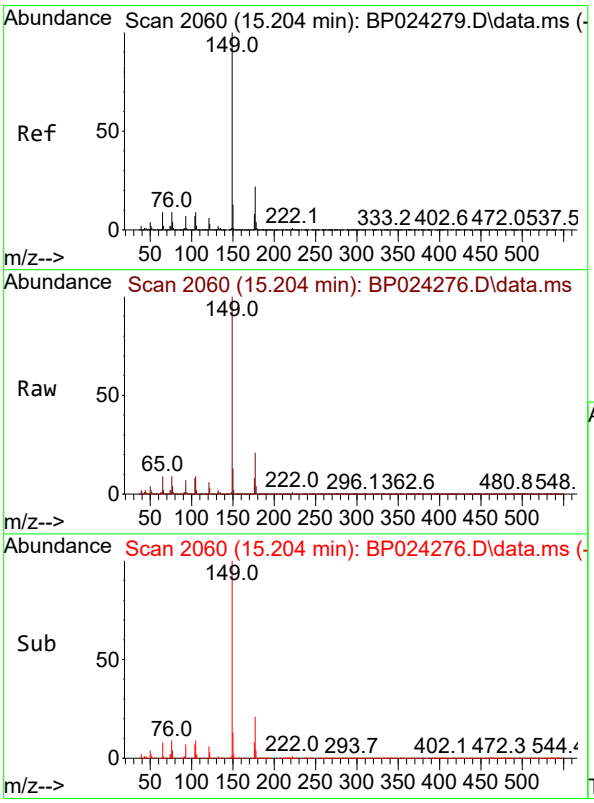
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.415 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 49911

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

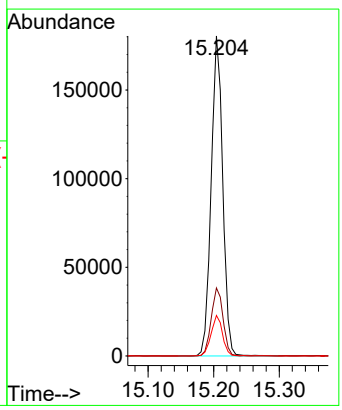


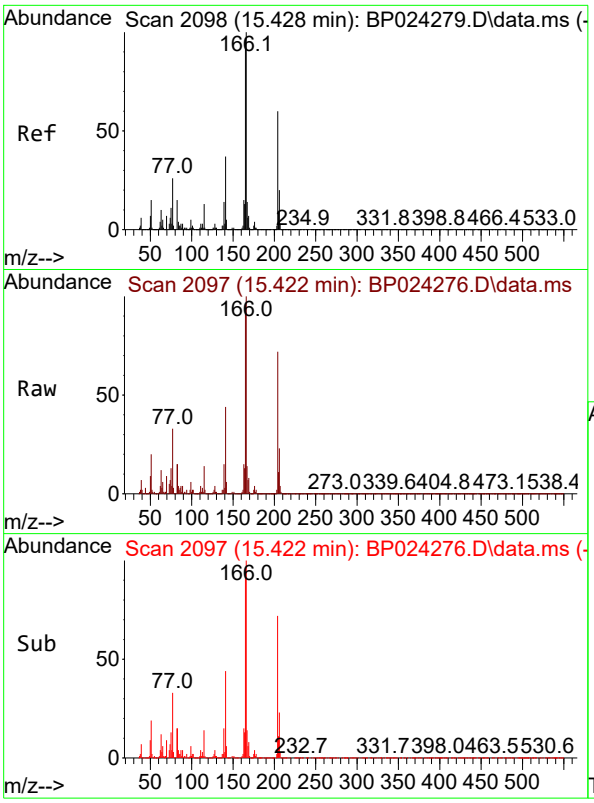


#60
Diethylphthalate
Concen: 4.830 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 221119

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.7	10.1	15.1



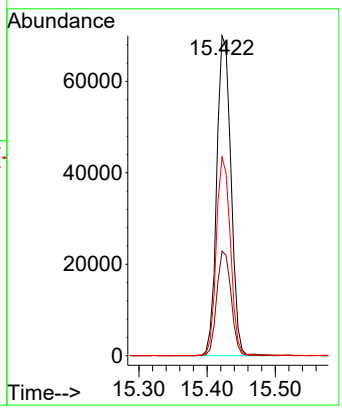


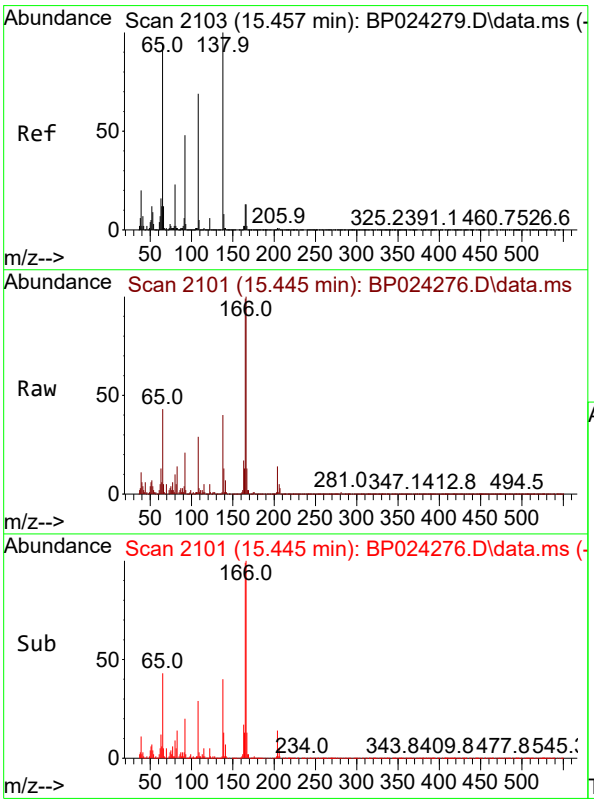
#61
4-Chlorophenyl-phenylether
Concen: 4.928 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 101636

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.0	49.4	74.0

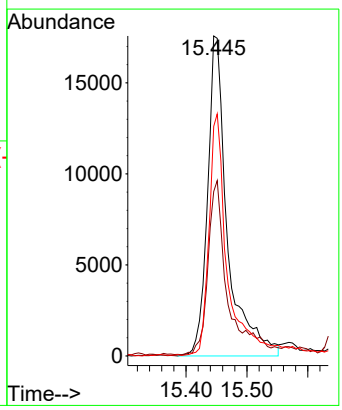


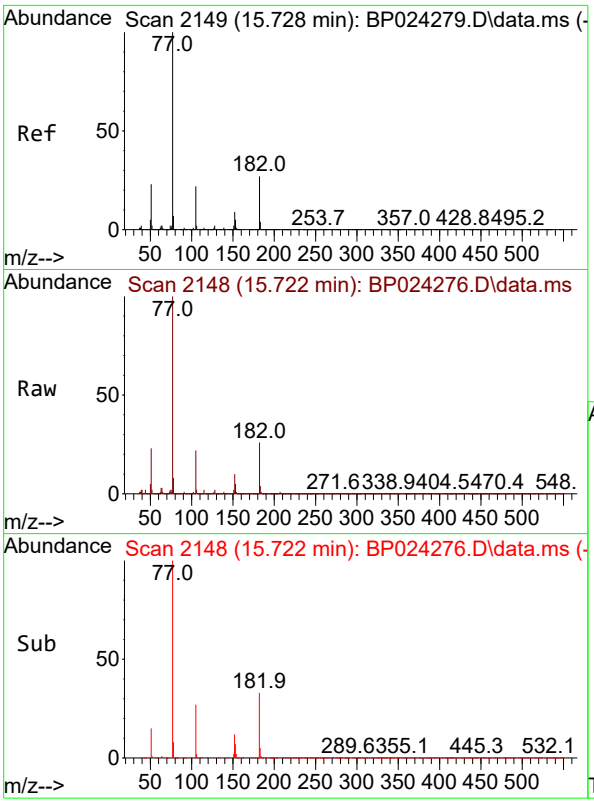


#62
4-Nitroaniline
Concen: 3.893 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:138 Resp: 40139

Ion	Ratio	Lower	Upper
138	100		
92	51.4	27.8	67.8
108	71.8	48.9	88.9



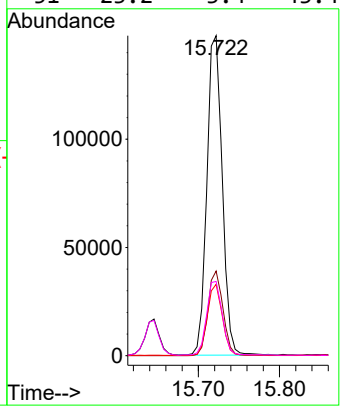


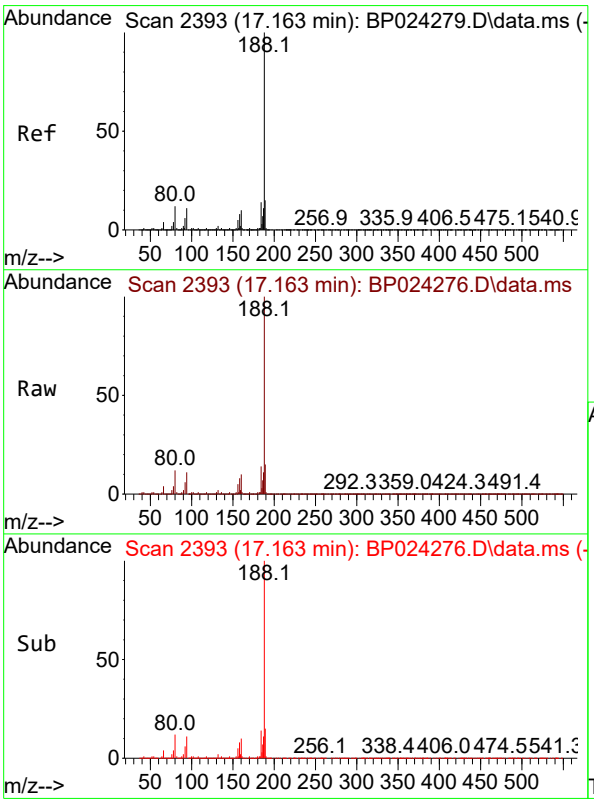
#63
Azobenzene
Concen: 4.586 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 193402

Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.3	47.3
105	22.3	2.3	42.3
51	23.2	3.4	43.4

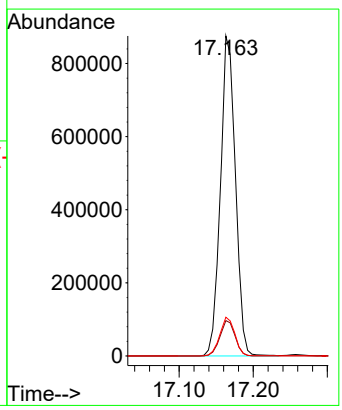


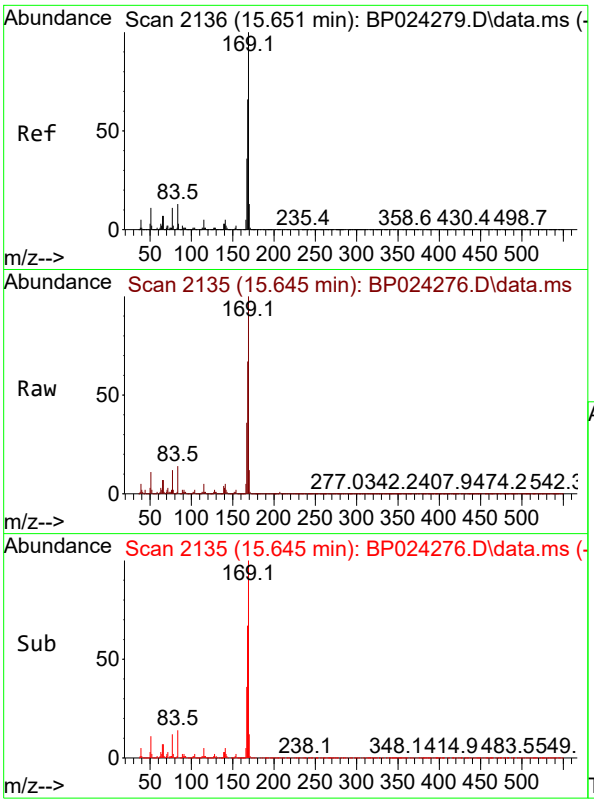


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:188 Resp: 1234074

Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.6	13.0
80	12.1	9.8	14.6



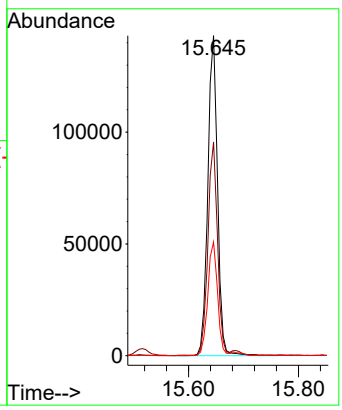


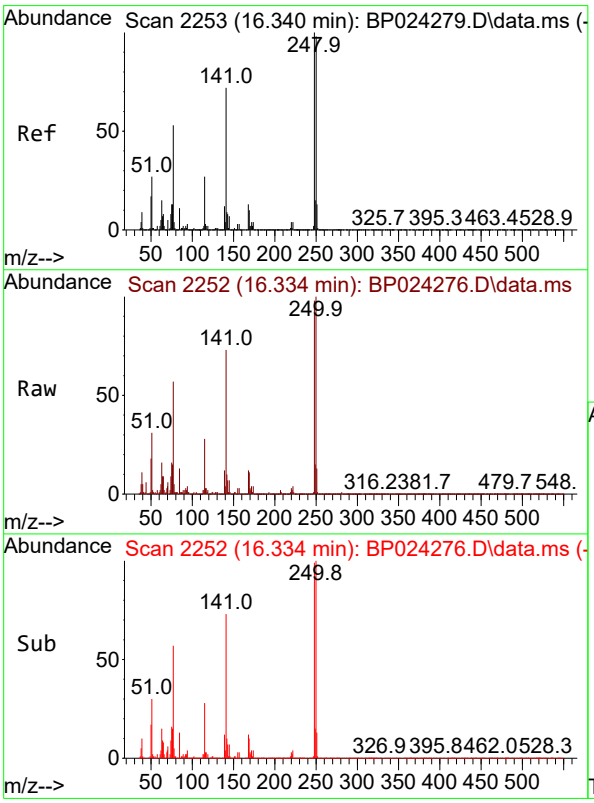
#66
n-Nitrosodiphenylamine
Concen: 4.726 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 174867

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.0	79.4
167	35.6	28.9	43.3

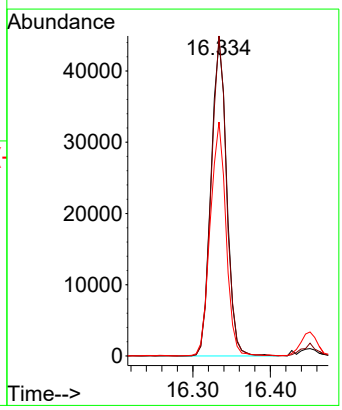


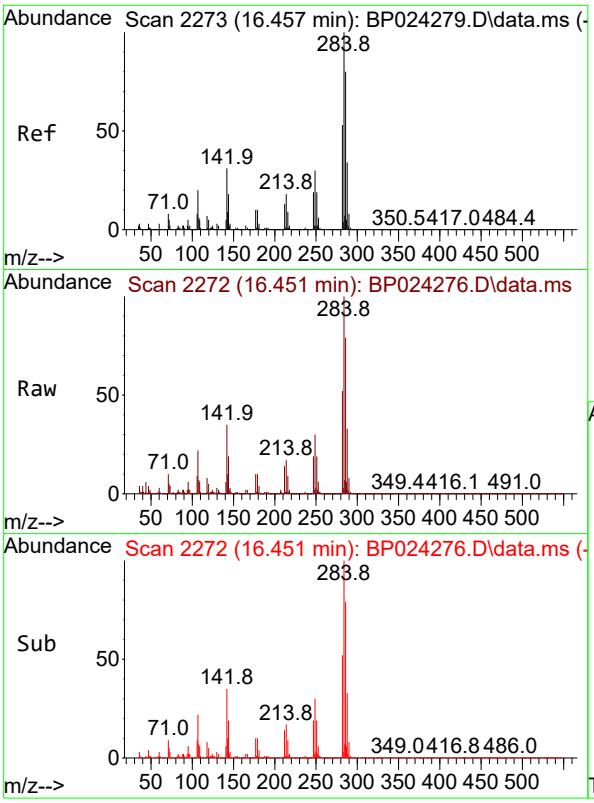


#67
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 16.334 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:248 Resp: 62558

Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.2	117.4
141	74.2	57.7	86.5



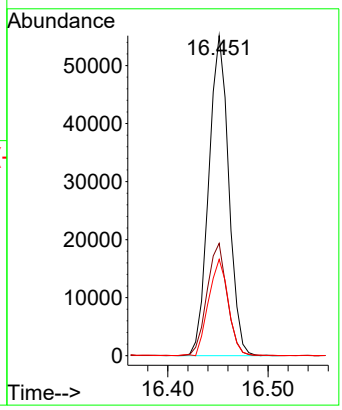


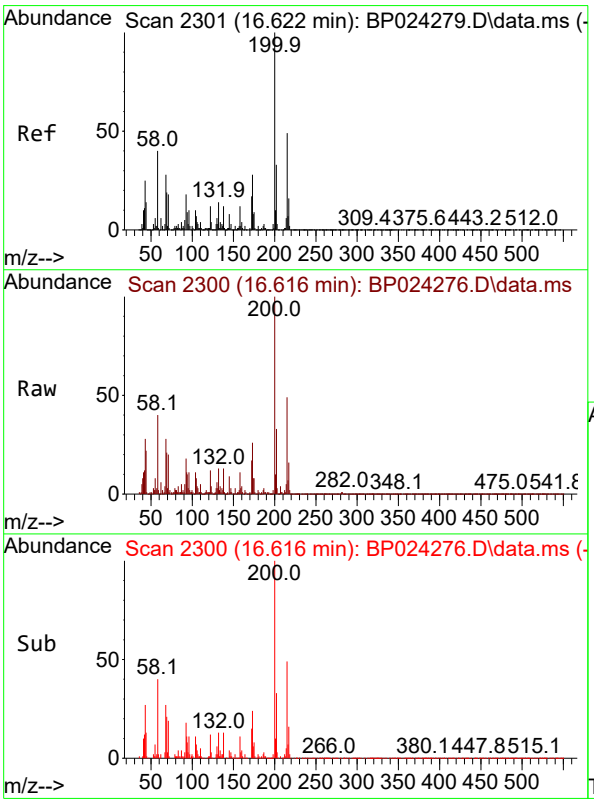
#68
Hexachlorobenzene
Concen: 4.766 ng
RT: 16.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 76267

Ion	Ratio	Lower	Upper
284	100		
142	35.1	24.6	37.0
249	30.1	23.8	35.6

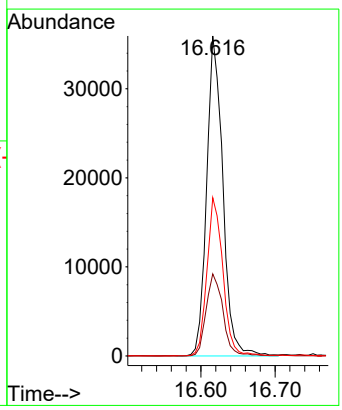


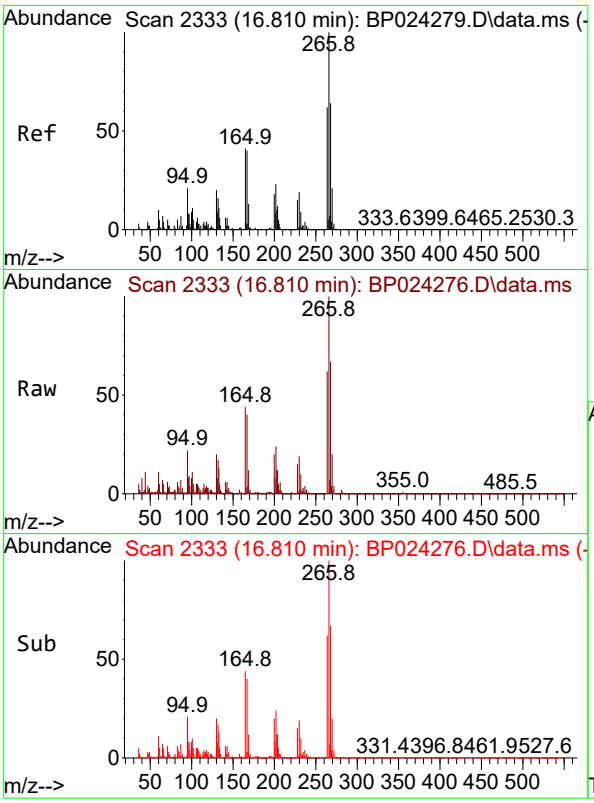


#69
Atrazine
Concen: 5.803 ng
RT: 16.616 min Scan# 2300
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:200 Resp: 54439

Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.5	47.5
215	49.4	28.8	68.8



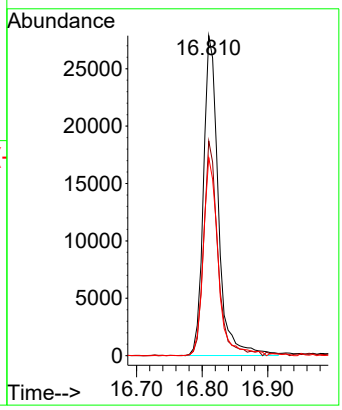


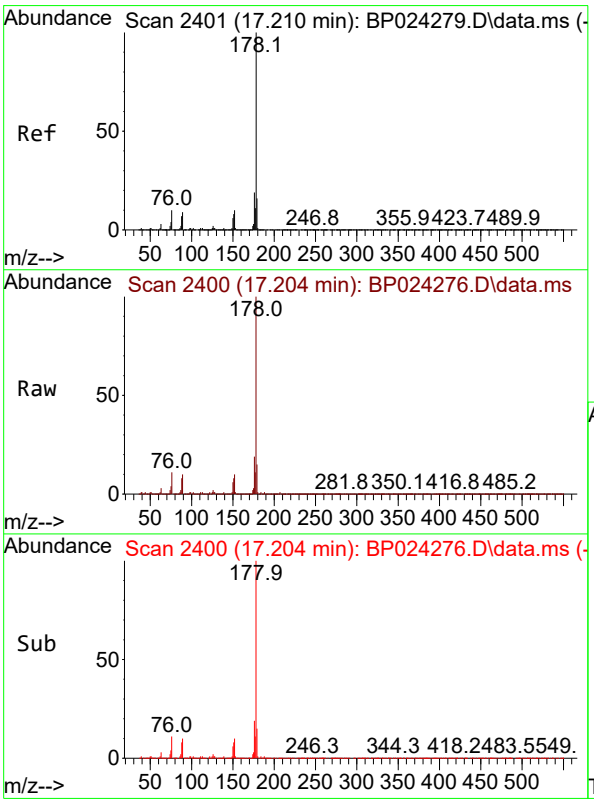
#70
Pentachlorophenol
Concen: 4.015 ng
RT: 16.810 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 44119

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	61.9	49.8	74.6

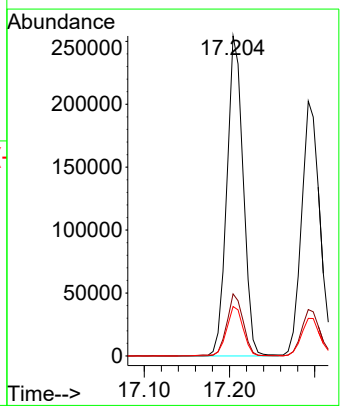


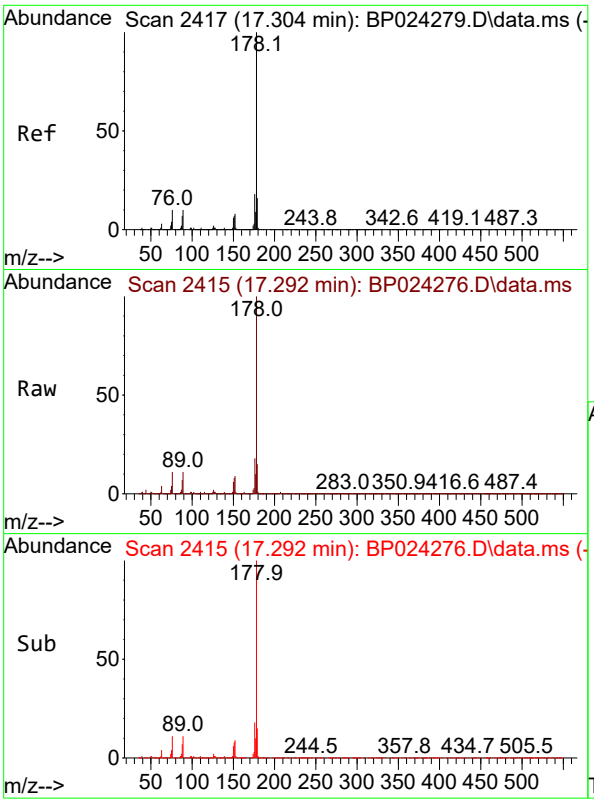


#71
Phenanthrene
Concen: 5.005 ng
RT: 17.204 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:178 Resp: 338611

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7



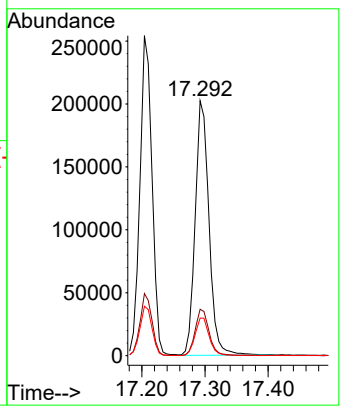


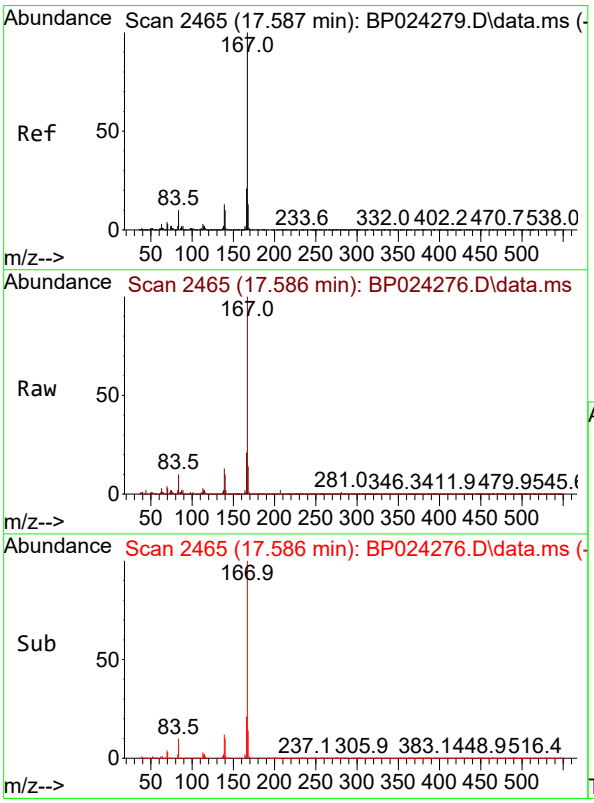
#72
Anthracene
Concen: 4.716 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 307065

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.8	12.4	18.6

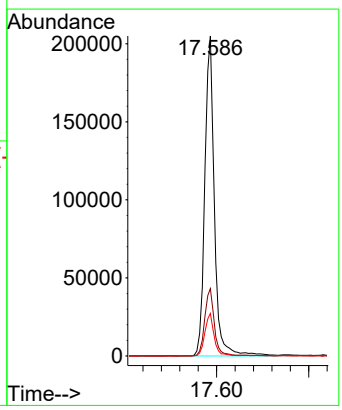


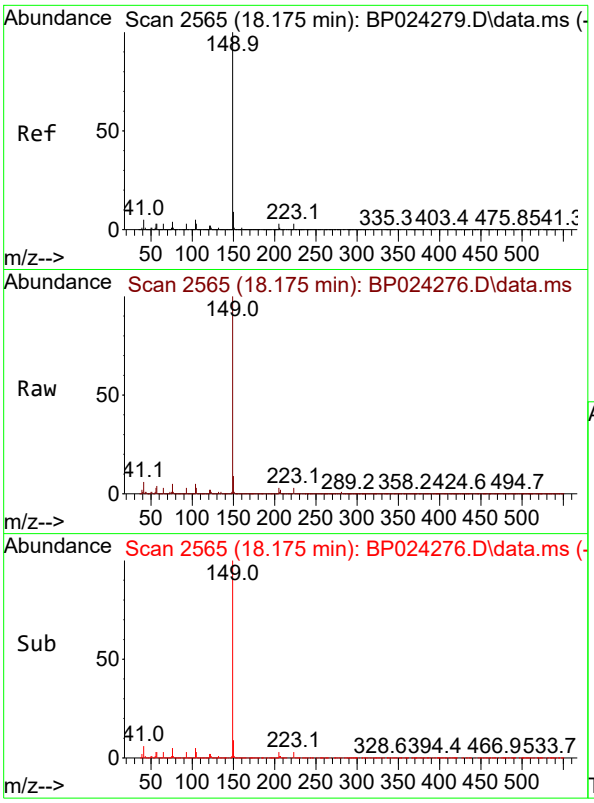


#73
Carbazole
Concen: 4.711 ng
RT: 17.586 min Scan# 2465
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:167 Resp: 298495

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.3	10.6	16.0



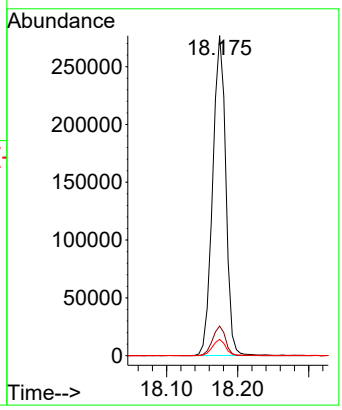


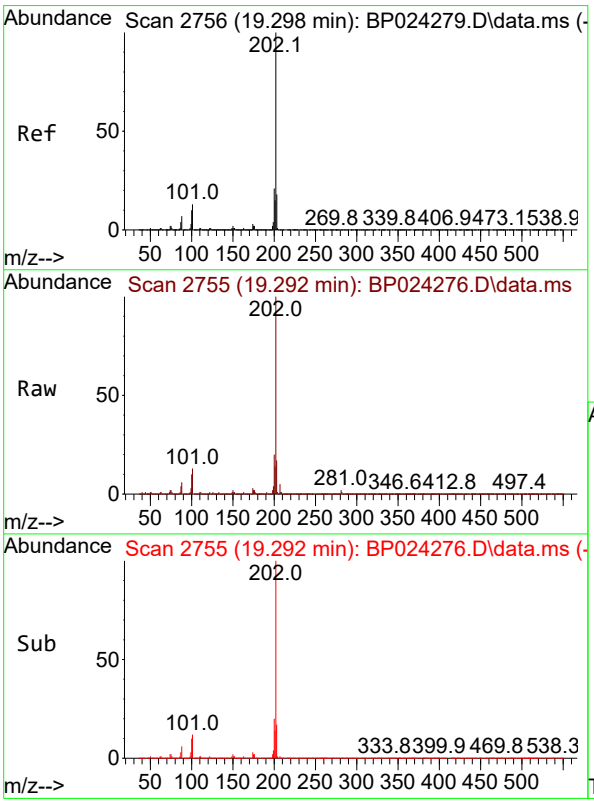
#74
Di-n-butylphthalate
Concen: 4.484 ng
RT: 18.175 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 354008

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.1	3.9	5.9

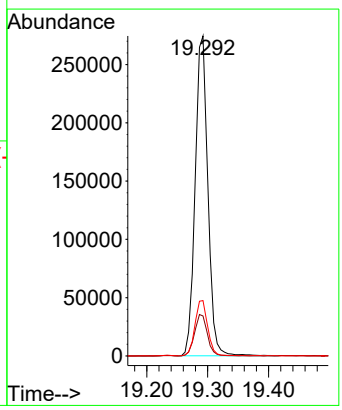


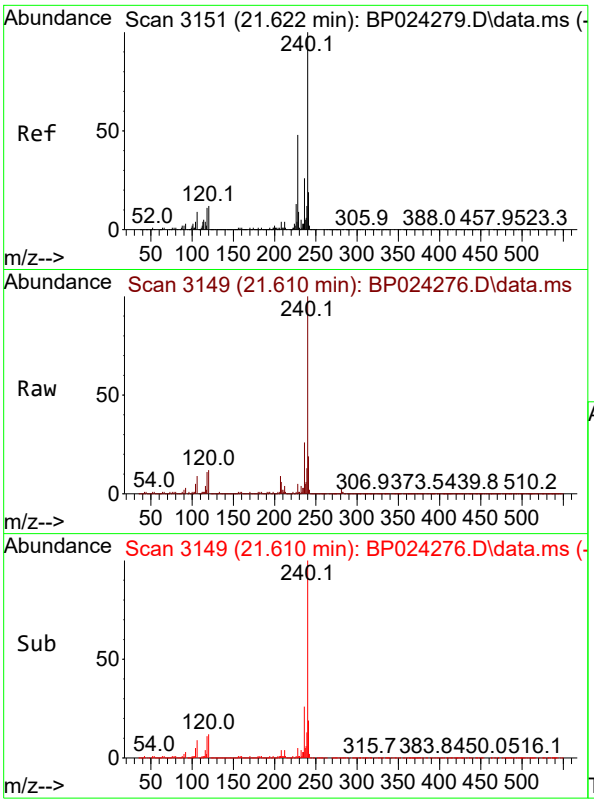


#75
Fluoranthene
Concen: 4.951 ng
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:202 Resp: 397601

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.2
203	17.3	0.0	37.7



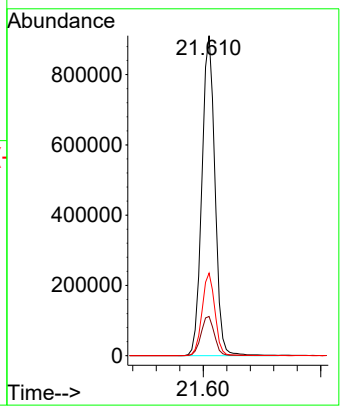


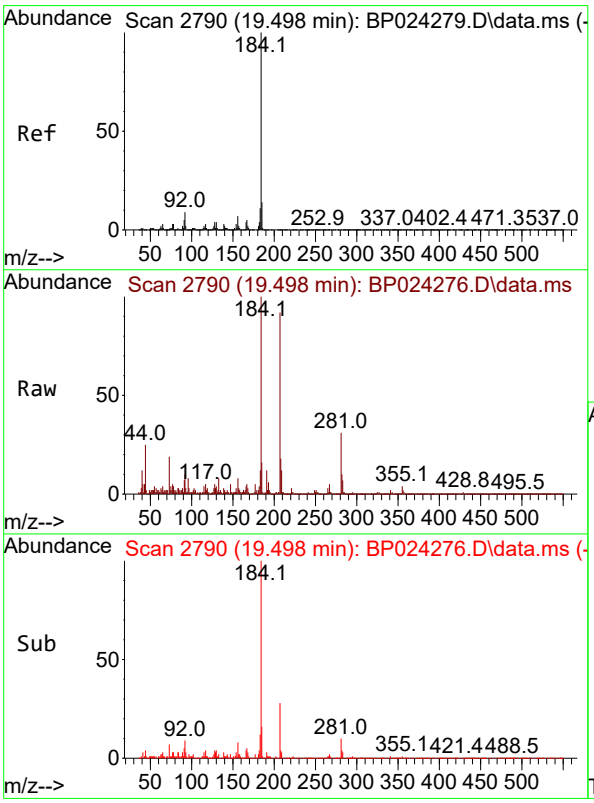
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.610 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 1401979

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	25.8	20.9	31.3

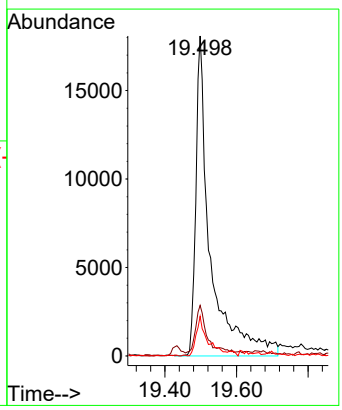


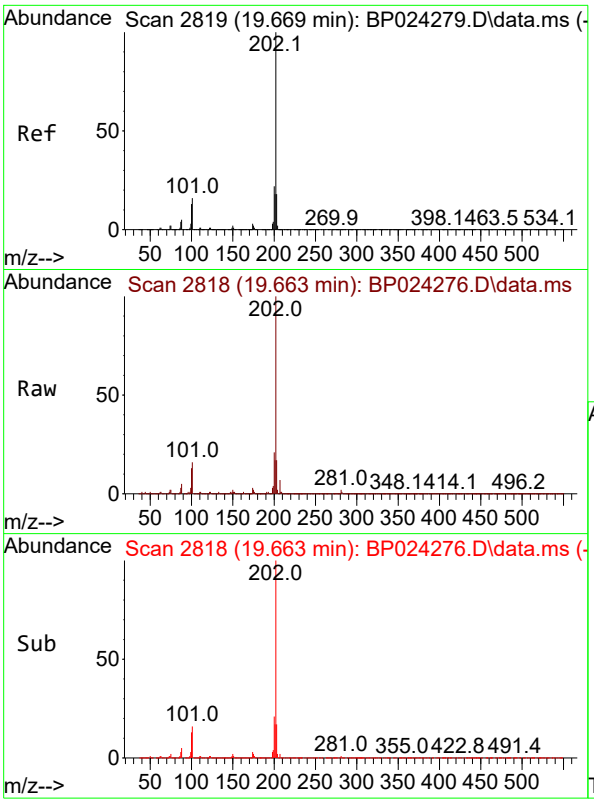


#77
Benzidine
Concen: 2.925 ng m
RT: 19.498 min Scan# 2790
Delta R.T. -0.000 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:184 Resp: 50615

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.6	17.4
183	12.4	9.2	13.8



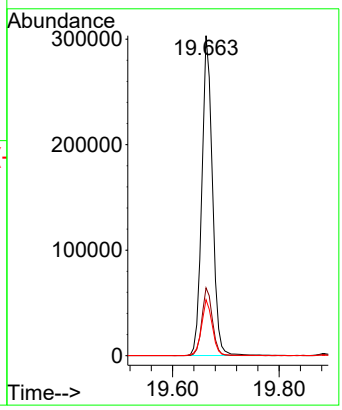


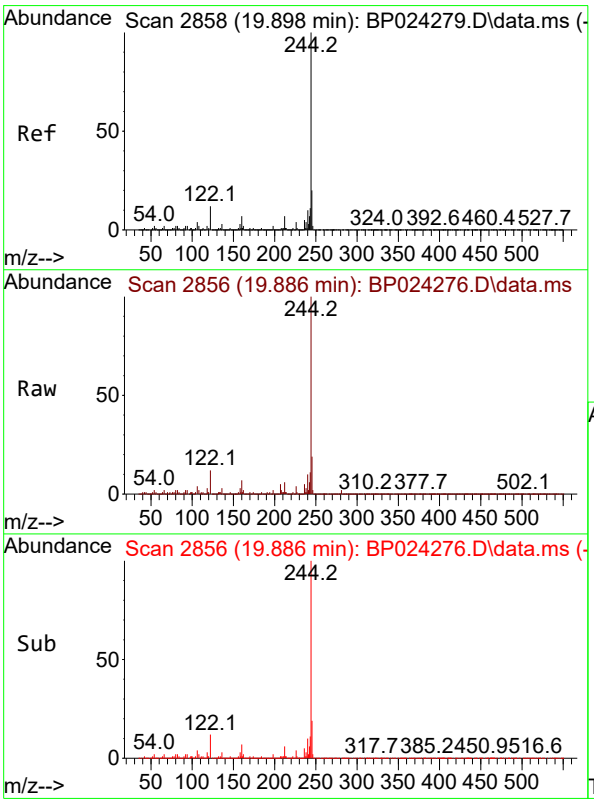
#78
Pyrene
Concen: 4.657 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 417746

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.5	14.4	21.6

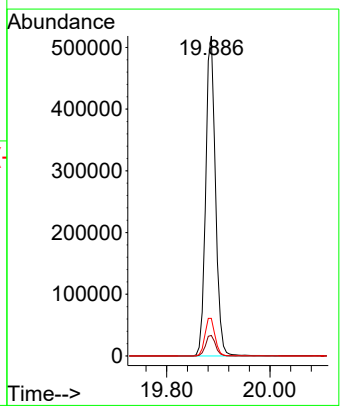


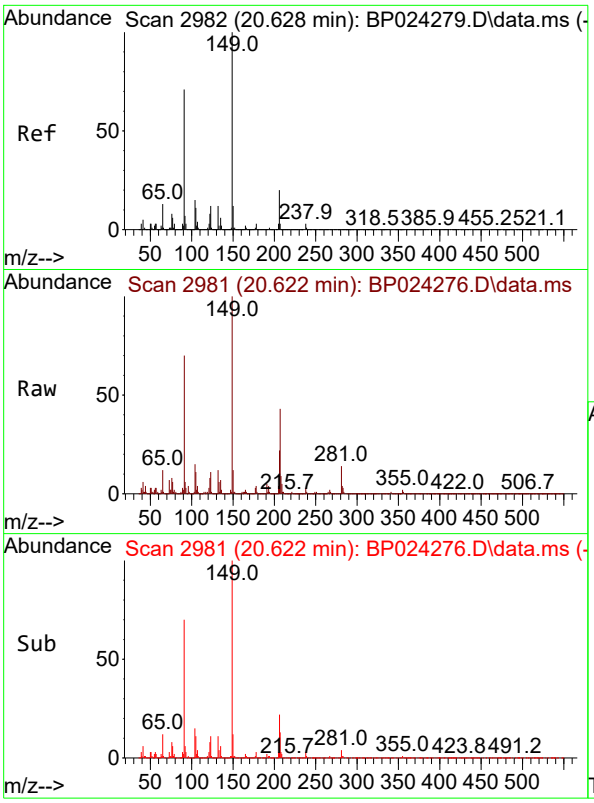


#79
Terphenyl-d14
Concen: 9.638 ng
RT: 19.886 min Scan# 2856
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:244 Resp: 677812

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.7	9.4	14.0



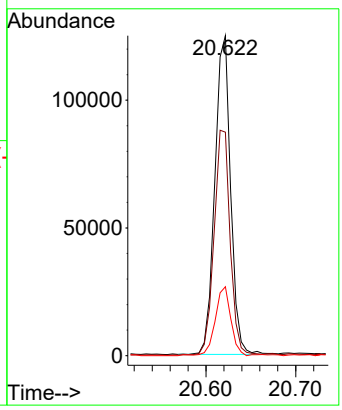


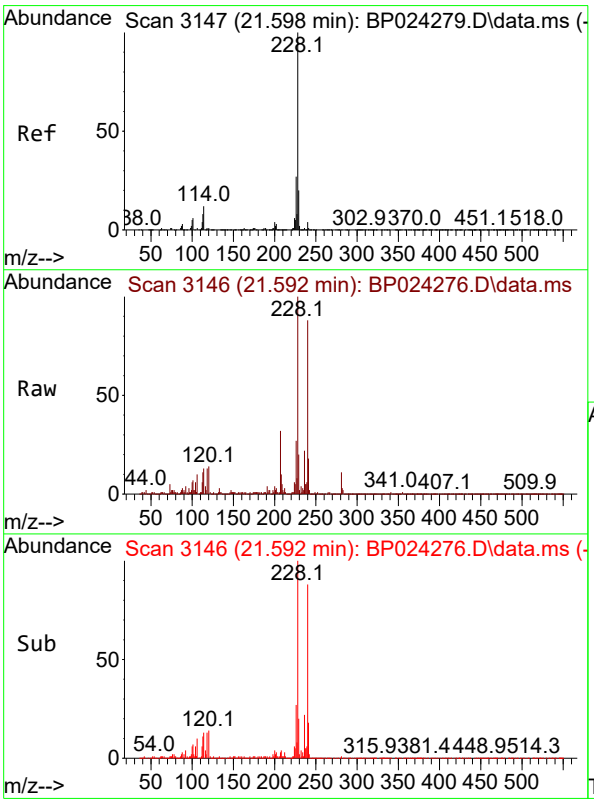
#80
Butylbenzylphthalate
Concen: 4.024 ng
RT: 20.622 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 152196

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	21.6	16.3	24.5

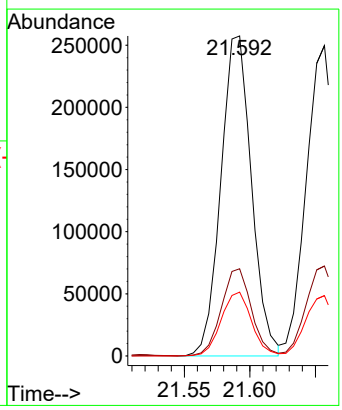


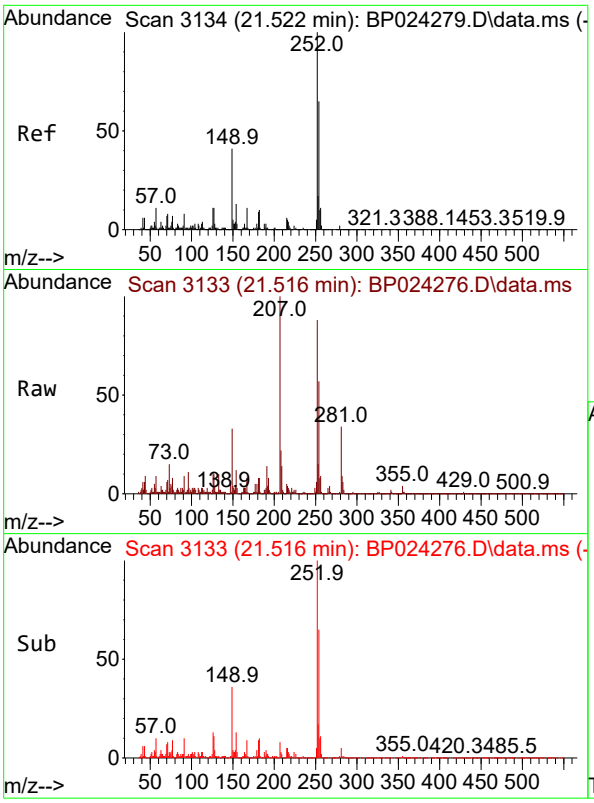


#81
Benzo(a)anthracene
Concen: 4.791 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 418745

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.0	15.9	23.9



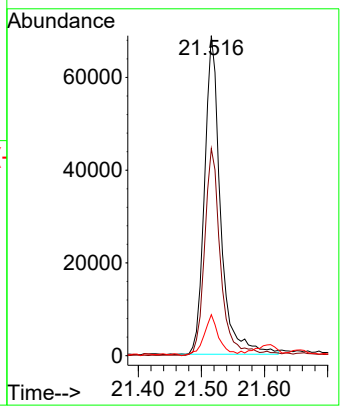


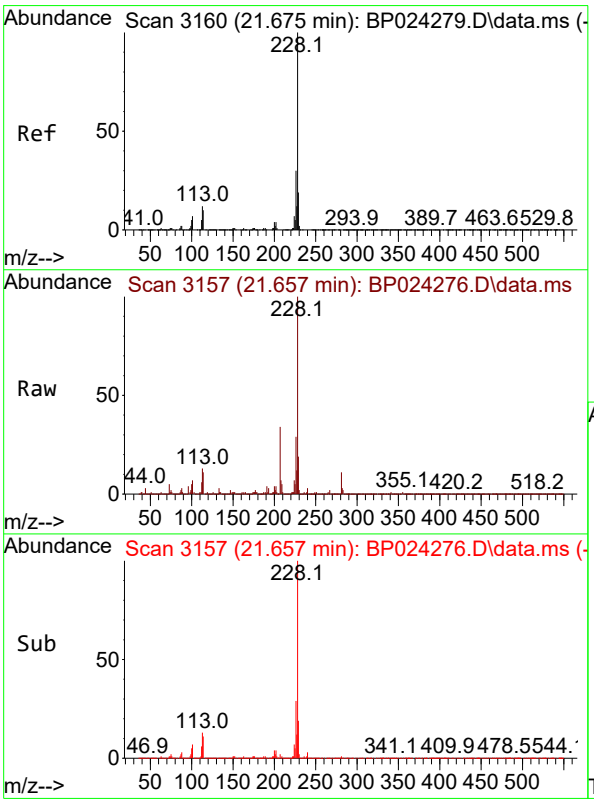
#82
3,3'-Dichlorobenzidine
Concen: 3.994 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 121047

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.7	77.5
126	12.8	8.8	13.2

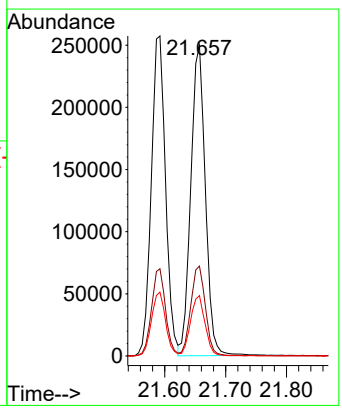


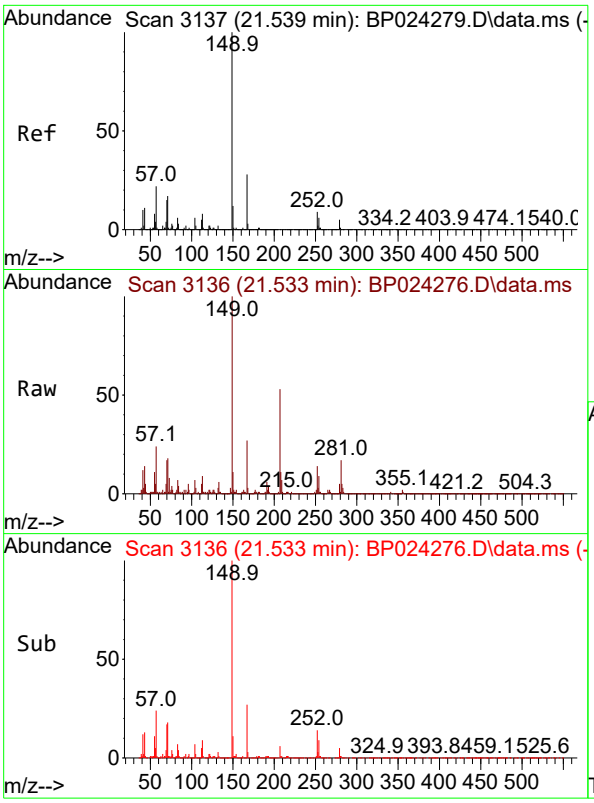


#83
Chrysene
Concen: 4.937 ng
RT: 21.657 min Scan# 3157
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:228 Resp: 413570

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.2
229	19.4	15.6	23.4



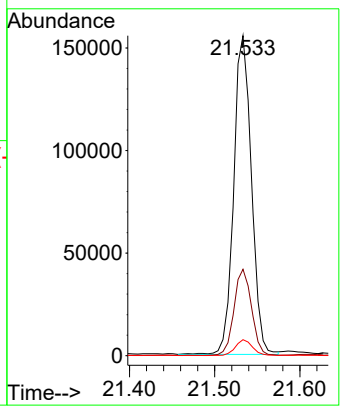


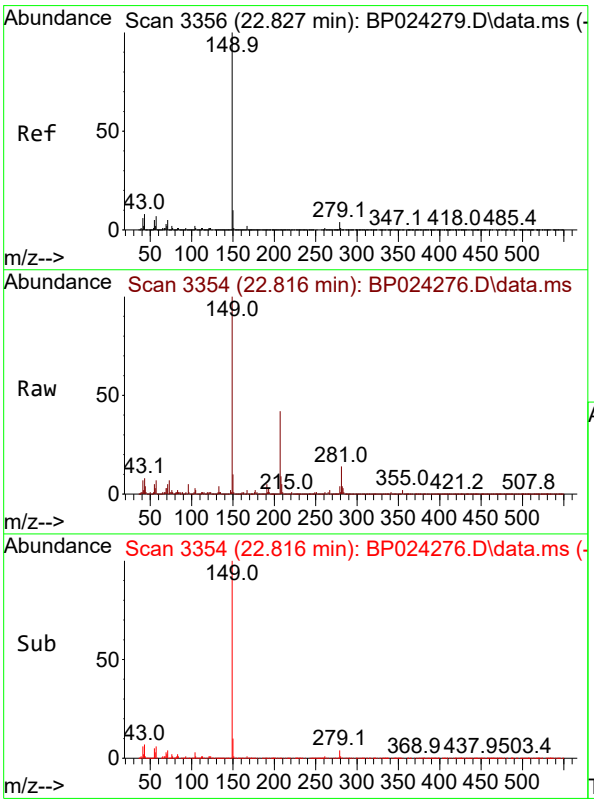
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.021 ng
RT: 21.533 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 223960

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	5.0	4.0	6.0

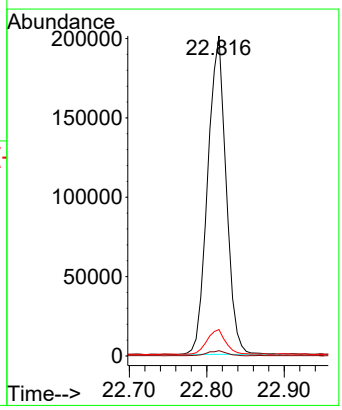


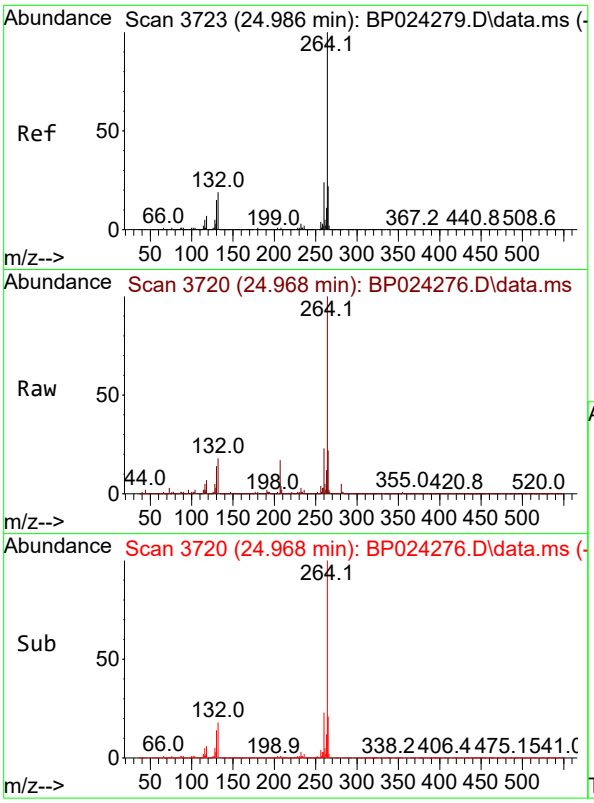


#85
Di-n-octyl phthalate
Concen: 3.712 ng
RT: 22.816 min Scan# 3354
Delta R.T. -0.012 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:149 Resp: 331185

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0



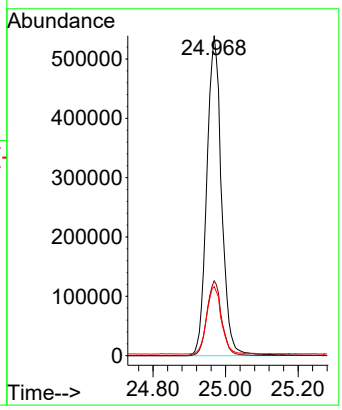


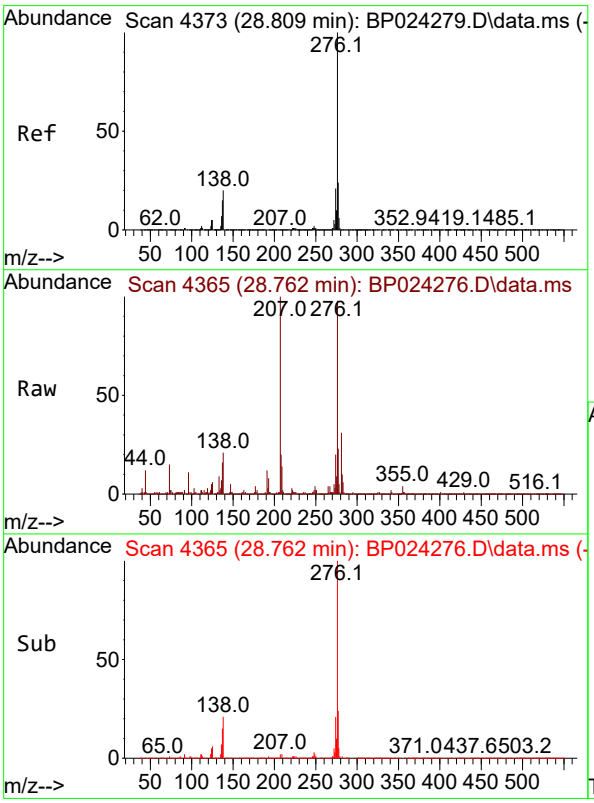
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.968 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 1519057

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	17.8	26.6

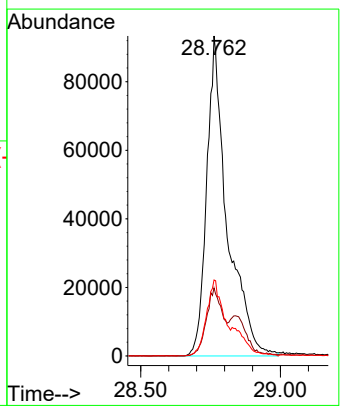


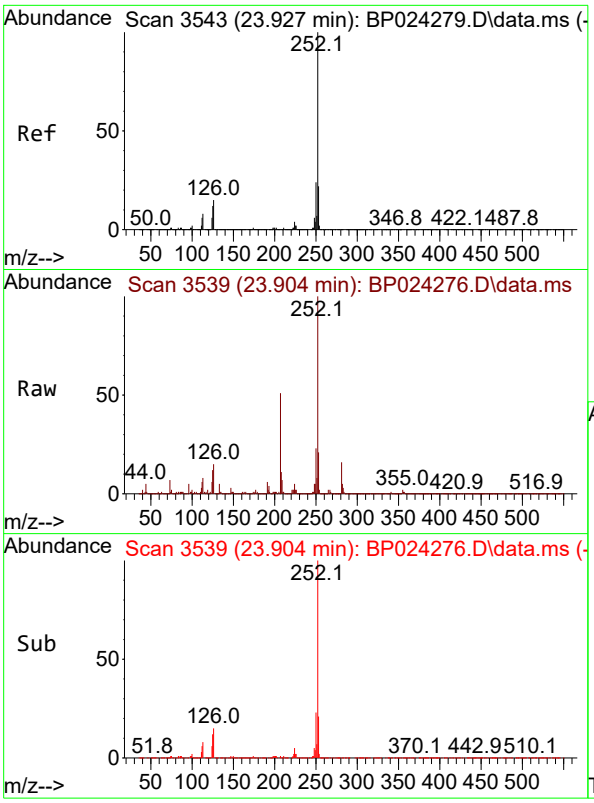


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.552 ng
RT: 28.762 min Scan# 4365
Delta R.T. -0.047 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:276 Resp: 475578

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	19.3	20.2	30.2#



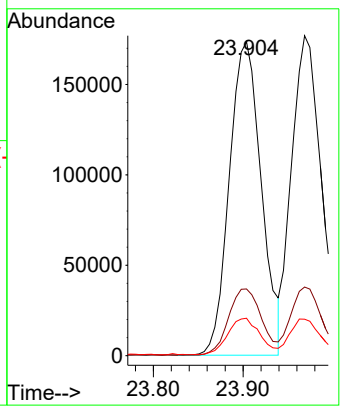


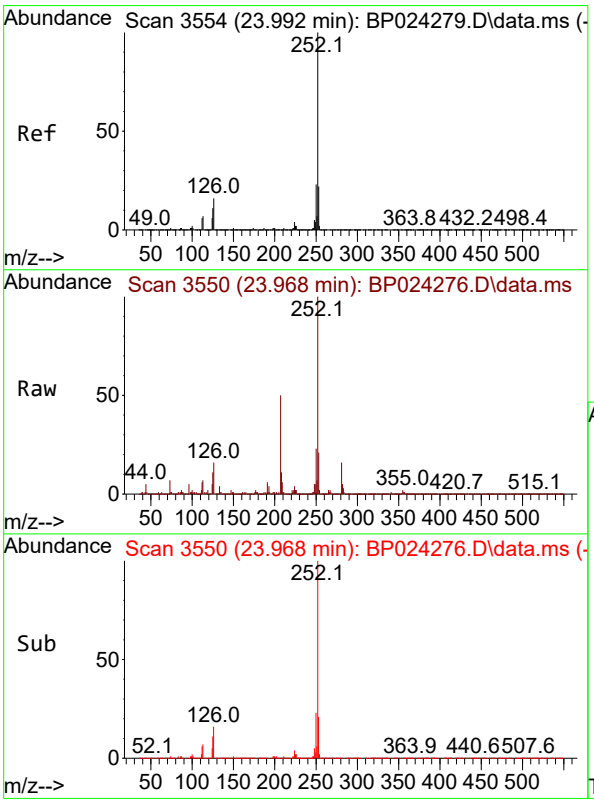
#88
Benzo(b)fluoranthene
Concen: 4.723 ng
RT: 23.904 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 429214

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	11.9	9.4	14.0

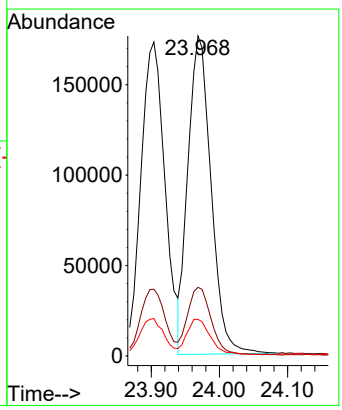


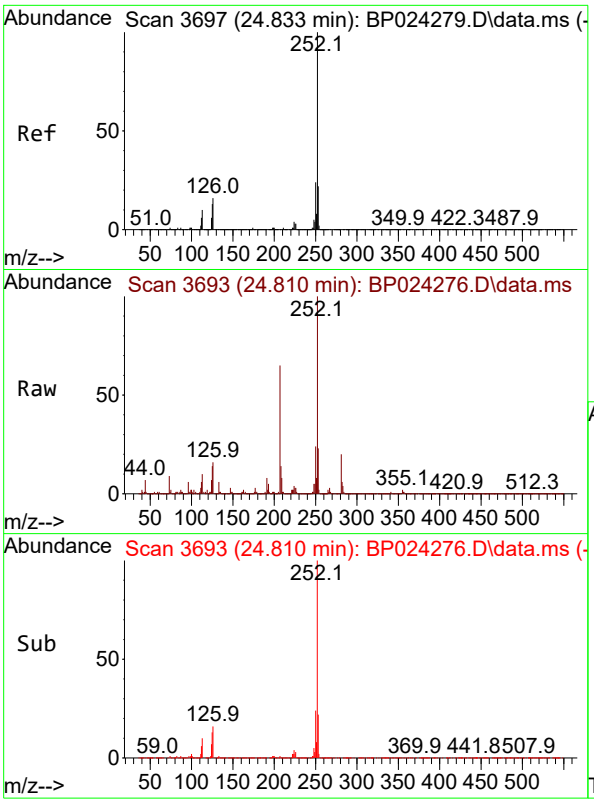


#89
Benzo(k)fluoranthene
Concen: 4.686 ng
RT: 23.968 min Scan# 3550
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:252 Resp: 413302

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.4	9.1	13.7



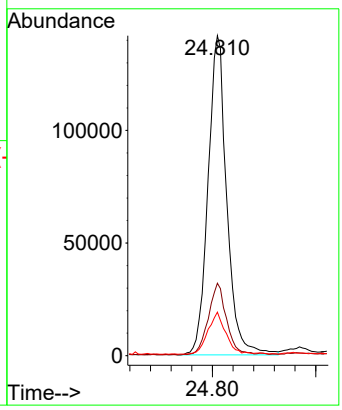


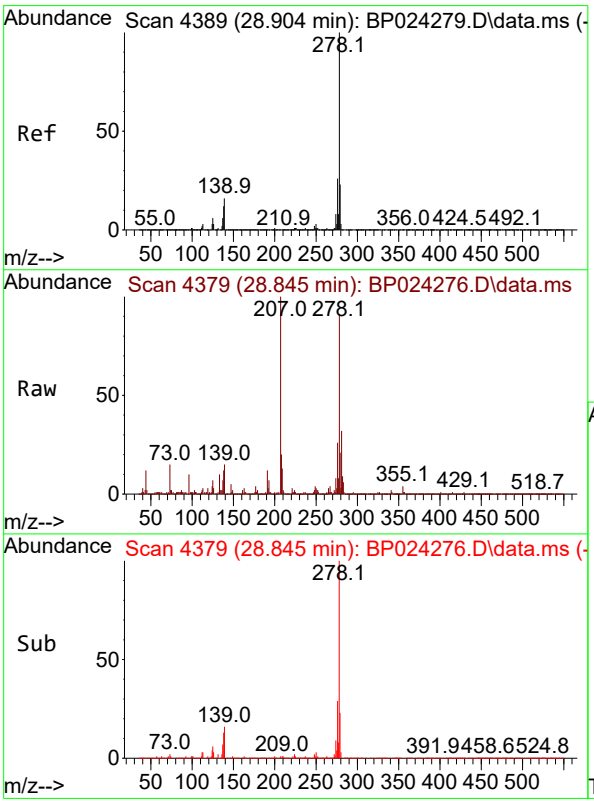
#90
Benzo(a)pyrene
Concen: 4.559 ng
RT: 24.810 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 356658

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	13.6	10.1	15.1

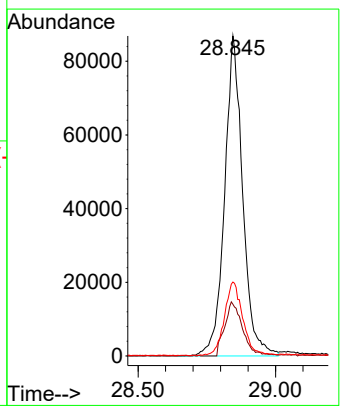


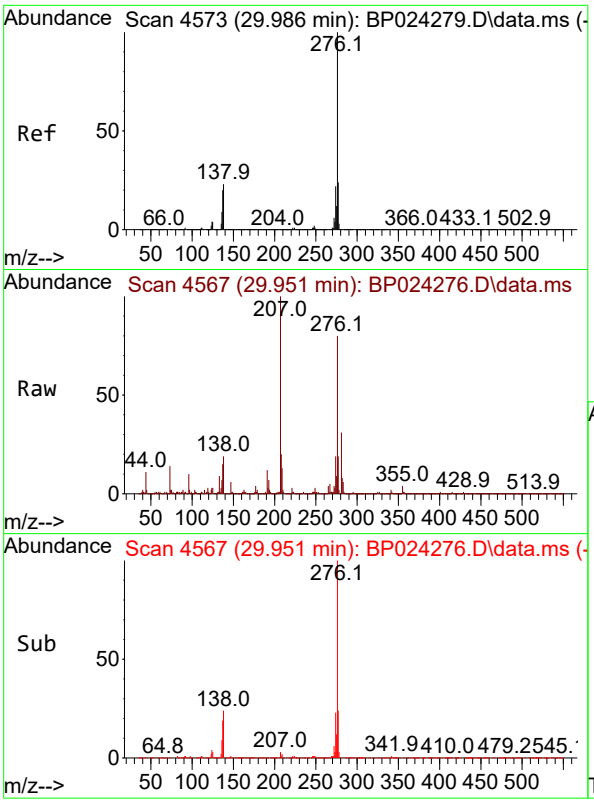


#91
Dibenzo(a,h)anthracene
Concen: 4.571 ng
RT: 28.845 min Scan# 4379
Delta R.T. -0.059 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Tgt Ion:278 Resp: 397247

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.1	18.5	27.7



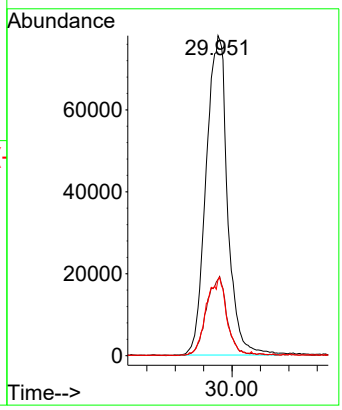


#92
Benzo(g,h,i)perylene
Concen: 4.607 ng
RT: 29.951 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024276.D
Acq: 14 Apr 2025 11:47

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 407522

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	23.8	18.7	28.1



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	237860	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1022895	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	658652	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1310701	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1408913	20.000	ng		0.00
86) Perylene-d12	24.980	264	1508235	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	272237	18.889	ng		0.00
7) Phenol-d6	6.910	99	369199	18.725	ng		0.00
23) Nitrobenzene-d5	8.881	82	345094	19.207	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	168790	18.715	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	878366	20.247	ng		0.00
79) Terphenyl-d14	19.892	244	1405643	19.888	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	61433	9.984	ng		98
3) Pyridine	3.693	79	152243	9.506	ng		99
4) n-Nitrosodimethylamine	3.599	42	52702	9.868	ng	#	98
6) Aniline	7.069	93	176840	9.935	ng		99
8) 2-Chlorophenol	7.305	128	154194	9.573	ng		100
9) Benzaldehyde	6.887	77	111093m	10.879	ng		
10) Phenol	6.940	94	186113	9.401	ng		97
11) bis(2-Chloroethyl)ether	7.157	93	156684	9.794	ng		98
12) 1,3-Dichlorobenzene	7.622	146	176712	10.126	ng		97
13) 1,4-Dichlorobenzene	7.769	146	177067	10.006	ng		99
14) 1,2-Dichlorobenzene	8.081	146	171376	10.016	ng		99
15) Benzyl Alcohol	7.969	79	111176	8.797	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	177896	10.221	ng		98
17) 2-Methylphenol	8.175	107	119161	9.340	ng		98
18) Hexachloroethane	8.804	117	63912	10.007	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	119861	9.787	ng		100
20) 3+4-Methylphenols	8.499	107	162332	9.187	ng		99
22) Acetophenone	8.546	105	248823	9.787	ng		99
24) Nitrobenzene	8.922	77	170770	9.590	ng		98
25) Isophorone	9.446	82	307272	9.473	ng		99
26) 2-Nitrophenol	9.628	139	73320	8.575	ng		96
27) 2,4-Dimethylphenol	9.693	122	99186	9.152	ng		97
28) bis(2-Chloroethoxy)met...	9.922	93	217866	9.869	ng		99
29) 2,4-Dichlorophenol	10.163	162	136816	9.263	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	155965	9.760	ng		100
31) Naphthalene	10.557	128	538892	9.953	ng		99
32) Benzoic acid	9.781	122	94803m	8.095	ng		
33) 4-Chloroaniline	10.669	127	178451	9.433	ng		99
34) Hexachlorobutadiene	10.845	225	92662	9.885	ng		99
35) Caprolactam	11.440	113	47014	8.670	ng		98
36) 4-Chloro-3-methylphenol	11.798	107	158563	9.213	ng		99
37) 2-Methylnaphthalene	12.169	142	368122	9.810	ng		98
38) 1-Methylnaphthalene	12.387	142	365139	9.933	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	177188	9.789	ng		100
41) Hexachlorocyclopentadiene	12.516	237	60914	9.586	ng		96
43) 2,4,6-Trichlorophenol	12.781	196	110203	9.253	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	122104	9.251	ng		98
46) 1,1'-Biphenyl	13.187	154	490325	10.080	ng		100
47) 2-Chloronaphthalene	13.228	162	362419	9.985	ng		98
48) 2-Nitroaniline	13.434	65	88889	8.866	ng		95
49) Acenaphthylene	14.081	152	553215	9.711	ng		100
50) Dimethylphthalate	13.816	163	466314	9.704	ng		99
51) 2,6-Dinitrotoluene	13.934	165	95596	9.442	ng		96
52) Acenaphthene	14.428	154	357828	9.877	ng		99
53) 3-Nitroaniline	14.269	138	95237	9.067	ng		97
54) 2,4-Dinitrophenol	14.481	184	41132	7.588	ng		97
55) Dibenzofuran	14.769	168	594953	10.013	ng		99
56) 4-Nitrophenol	14.598	139	75995	8.416	ng		95
57) 2,4-Dinitrotoluene	14.734	165	121276	8.862	ng	#	95
58) Fluorene	15.428	166	459952	10.026	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	115645	9.470	ng		100
60) Diethylphthalate	15.198	149	488847	9.884	ng		100
61) 4-Chlorophenyl-phenyle...	15.428	204	222437	9.985	ng		97
62) 4-Nitroaniline	15.451	138	98638	8.857	ng		93
63) Azobenzene	15.722	77	455459	9.999	ng		96
65) 4,6-Dinitro-2-methylph...	15.516	198	62421	8.151	ng		96
66) n-Nitrosodiphenylamine	15.639	169	383558	9.759	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	138724	9.703	ng		97
68) Hexachlorobenzene	16.457	284	161944	9.528	ng		98
69) Atrazine	16.628	200	109503	10.990	ng		98
70) Pentachlorophenol	16.810	266	101318	8.682	ng		96
71) Phenanthrene	17.210	178	711407	9.900	ng		99
72) Anthracene	17.304	178	666269	9.635	ng		100
73) Carbazole	17.586	167	654205	9.721	ng		99
74) Di-n-butylphthalate	18.180	149	806280	9.616	ng		99
75) Fluoranthene	19.292	202	835153	9.791	ng		98
77) Benzidine	19.498	184	99659	5.730	ng		99
78) Pyrene	19.669	202	870767	9.659	ng		99
80) Butylbenzylphthalate	20.627	149	343670	9.043	ng		99
81) Benzo(a)anthracene	21.598	228	854983	9.734	ng		98
82) 3,3'-Dichlorobenzidine	21.521	252	269772	8.857	ng		98
83) Chrysene	21.668	228	832263	9.887	ng		100
84) Bis(2-ethylhexyl)phtha...	21.539	149	517894	9.253	ng		99
85) Di-n-octyl phthalate	22.827	149	769654	8.584	ng		99
87) Indeno(1,2,3-cd)pyrene	28.792	276	983323	9.480	ng		99
88) Benzo(b)fluoranthene	23.915	252	885212	9.810	ng		99
89) Benzo(k)fluoranthene	23.986	252	852606	9.735	ng		99
90) Benzo(a)pyrene	24.815	252	732209	9.426	ng		99
91) Dibenzo(a,h)anthracene	28.862	278	821160	9.517	ng		99
92) Benzo(g,h,i)perylene	29.962	276	836993	9.530	ng		99

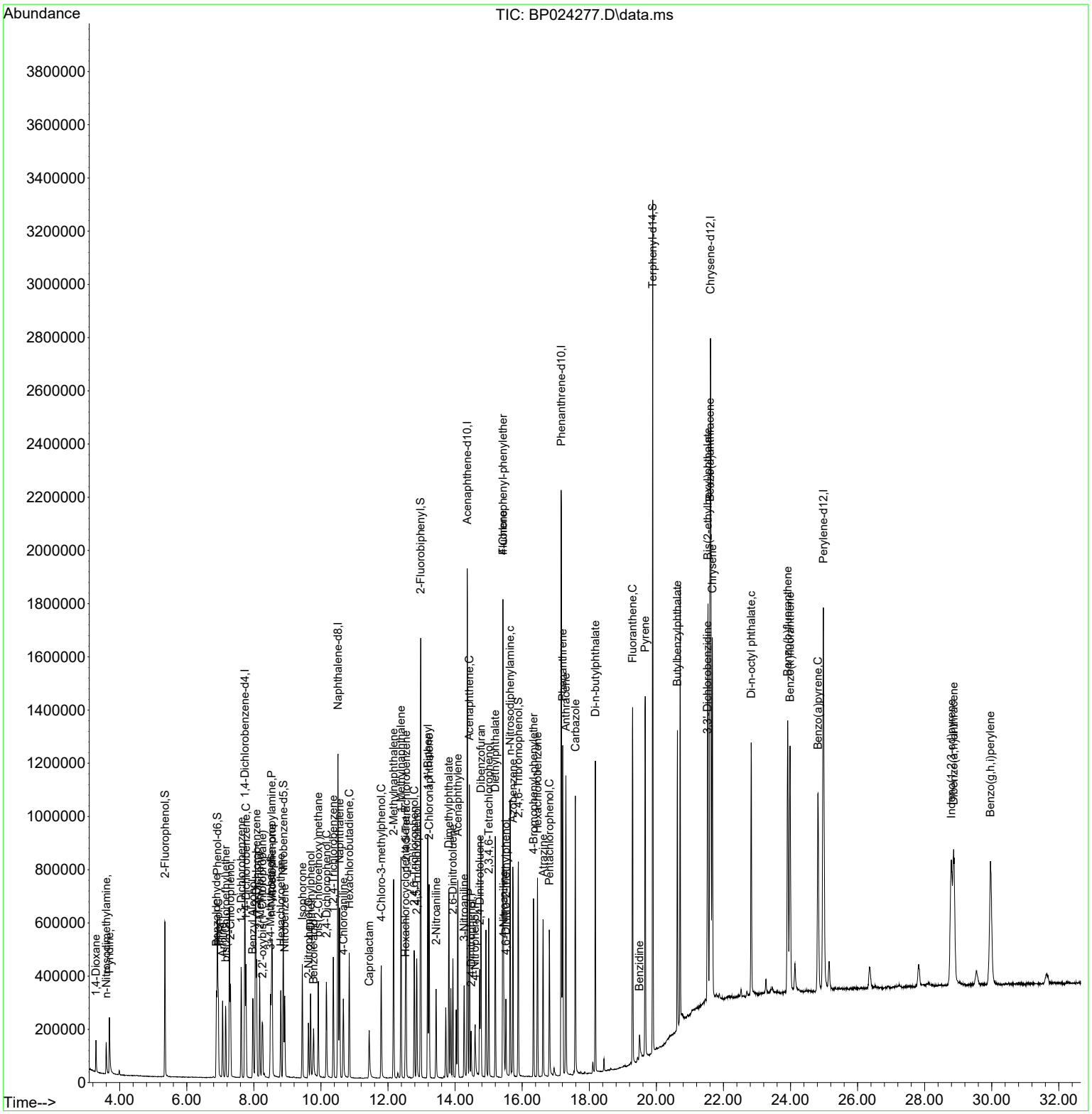
(#) = qualifier out of range (m) = manual integration (+) = signals summed

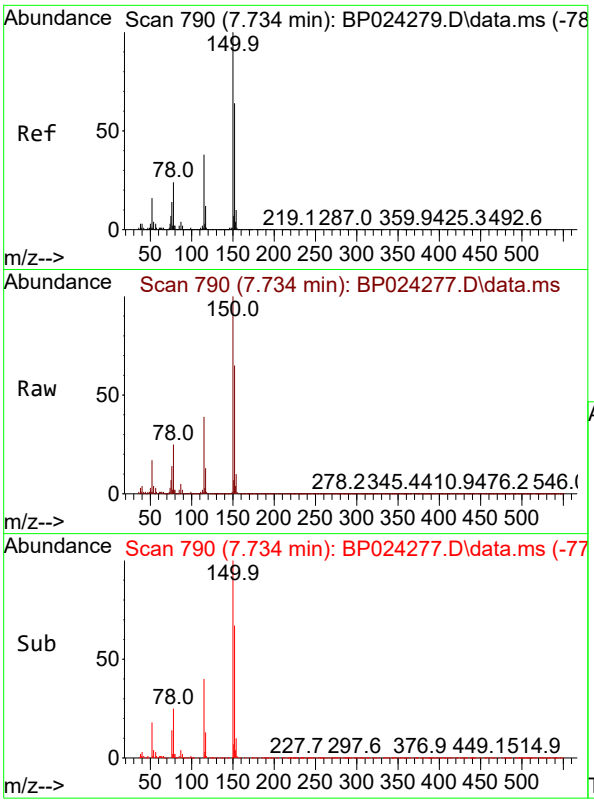
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024277.D
Acq On : 14 Apr 2025 12:27
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Apr 14 17:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



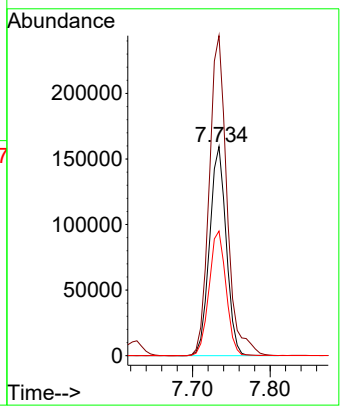


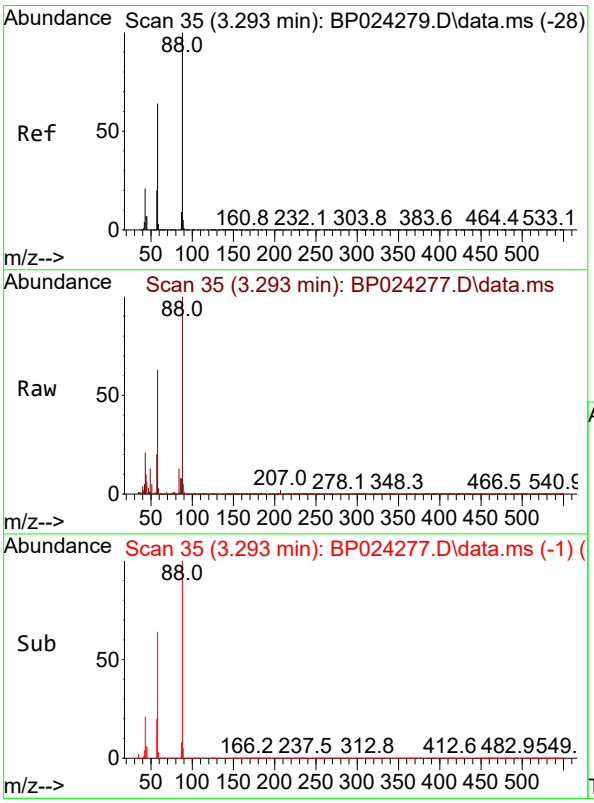
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 237860

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.9	187.3
115	59.6	47.7	71.5

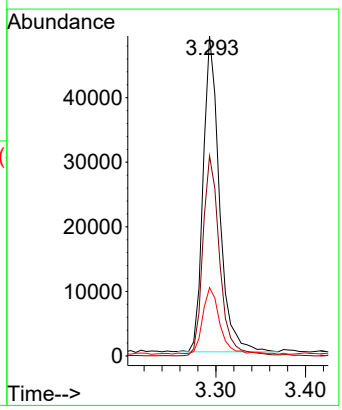


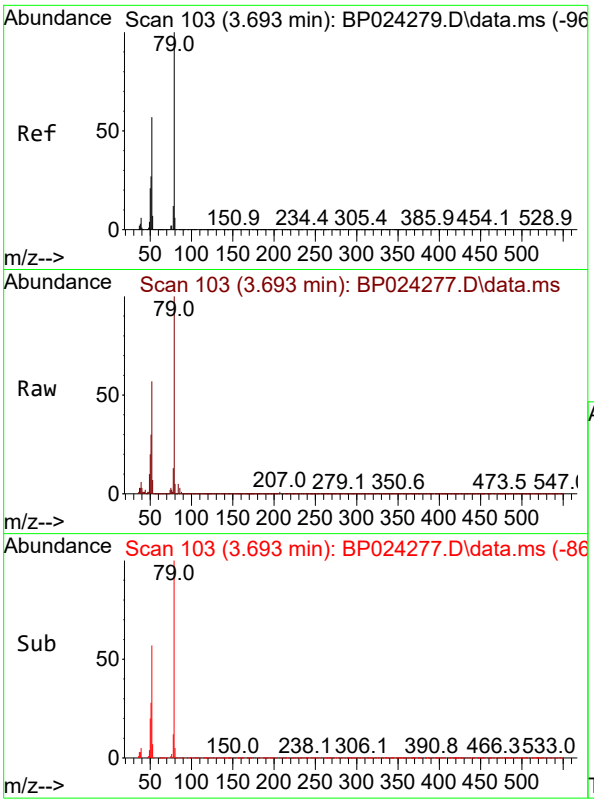


#2
1,4-Dioxane
Concen: 9.984 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 88 Resp: 61433

Ion	Ratio	Lower	Upper
88	100		
58	65.6	51.4	77.2
43	22.9	17.1	25.7



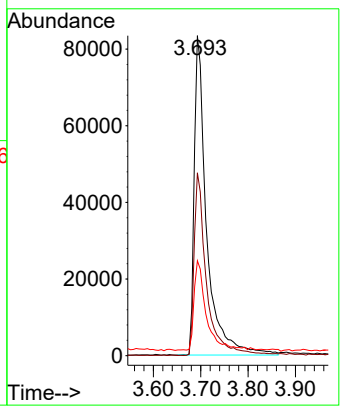


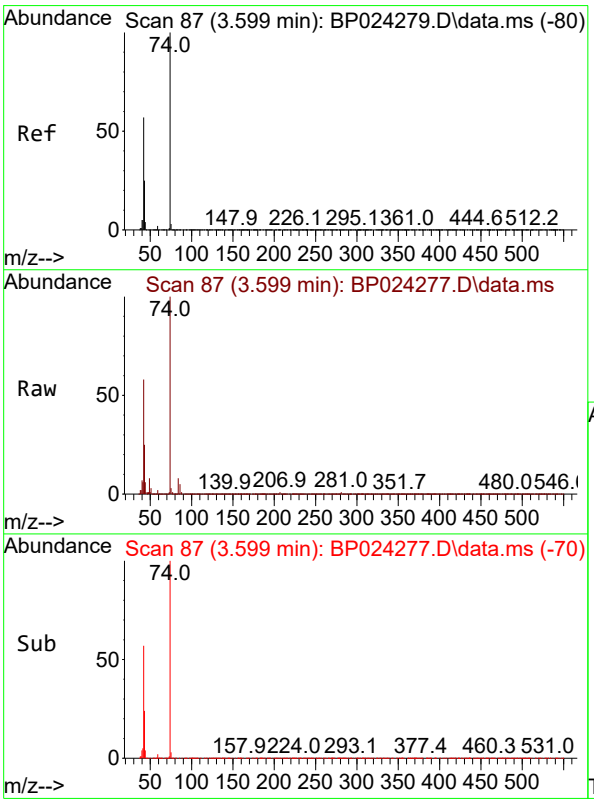
#3
Pyridine
Concen: 9.506 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 152243

Ion	Ratio	Lower	Upper
79	100		
52	57.2	45.4	68.2
51	29.7	22.6	33.8

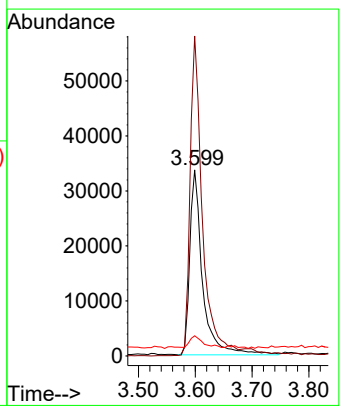


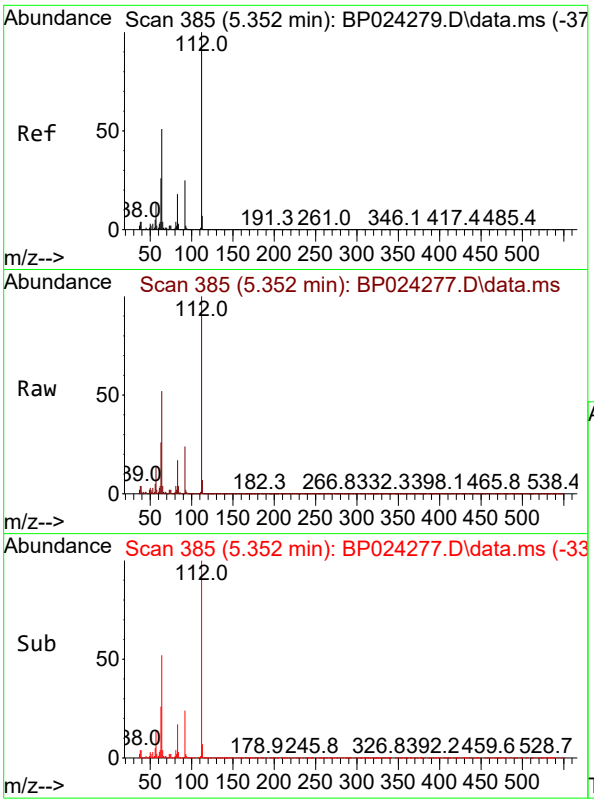


#4
n-Nitrosodimethylamine
Concen: 9.868 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 42 Resp: 52702

Ion	Ratio	Lower	Upper
42	100		
74	172.0	139.5	209.3
44	10.8	5.8	8.8#



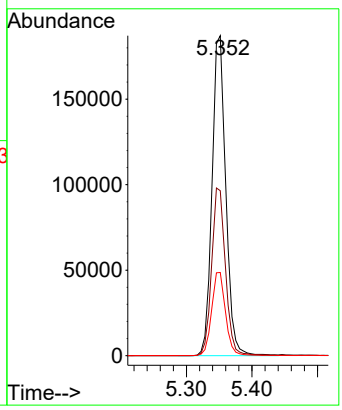


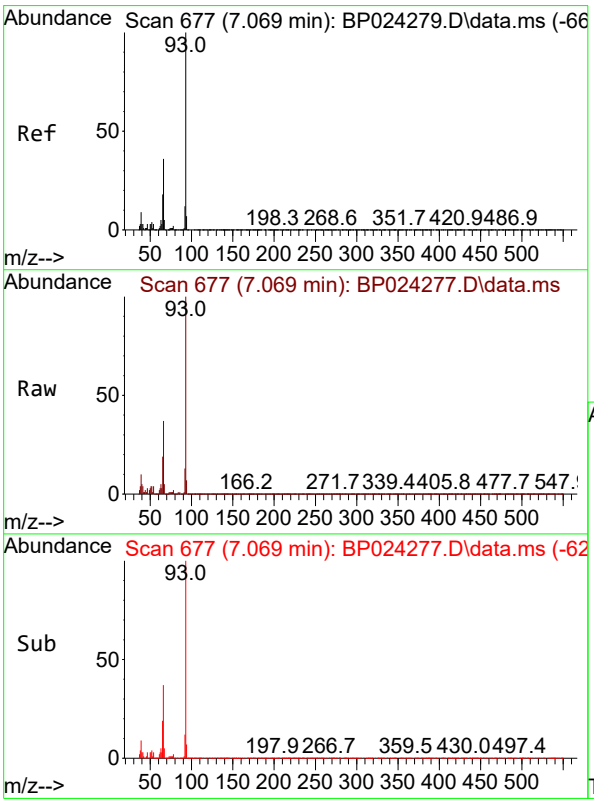
#5
2-Fluorophenol
Concen: 18.889 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 272237

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

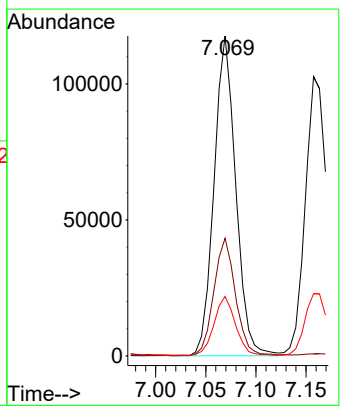


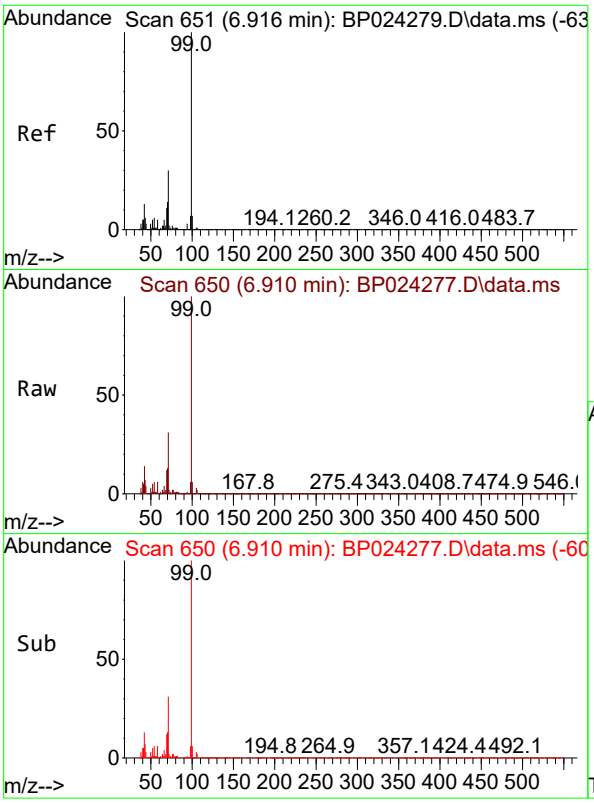


#6
Aniline
Concen: 9.935 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 176840

Ion	Ratio	Lower	Upper
93	100		
66	36.8	29.1	43.7
65	18.6	14.7	22.1



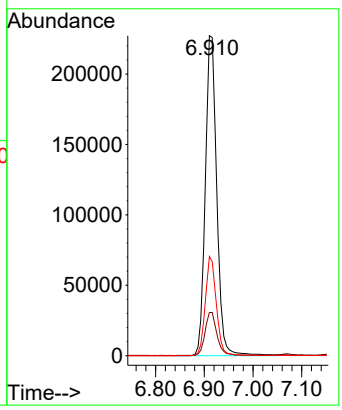


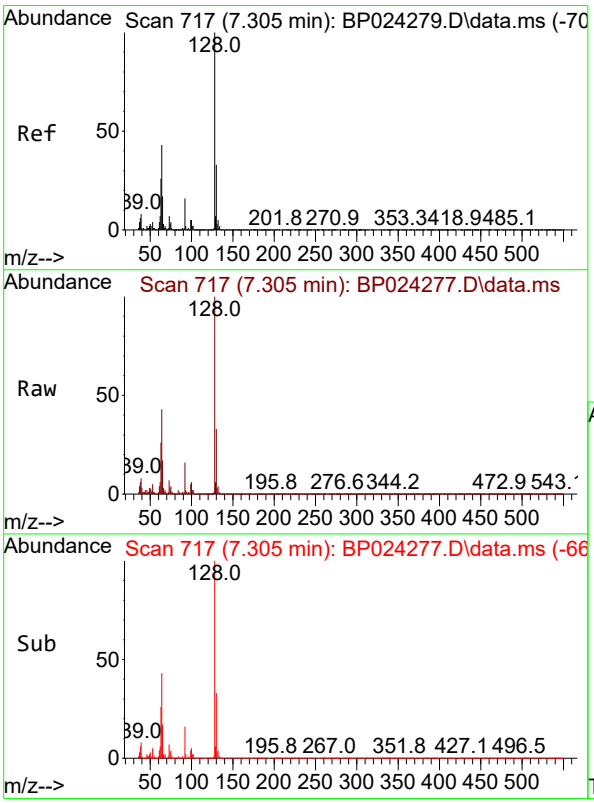
#7
Phenol-d6
Concen: 18.725 ng
RT: 6.910 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 369199

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	31.0	23.7	35.5

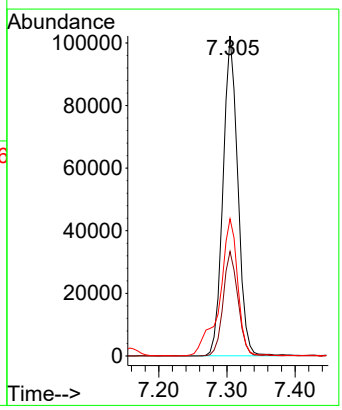


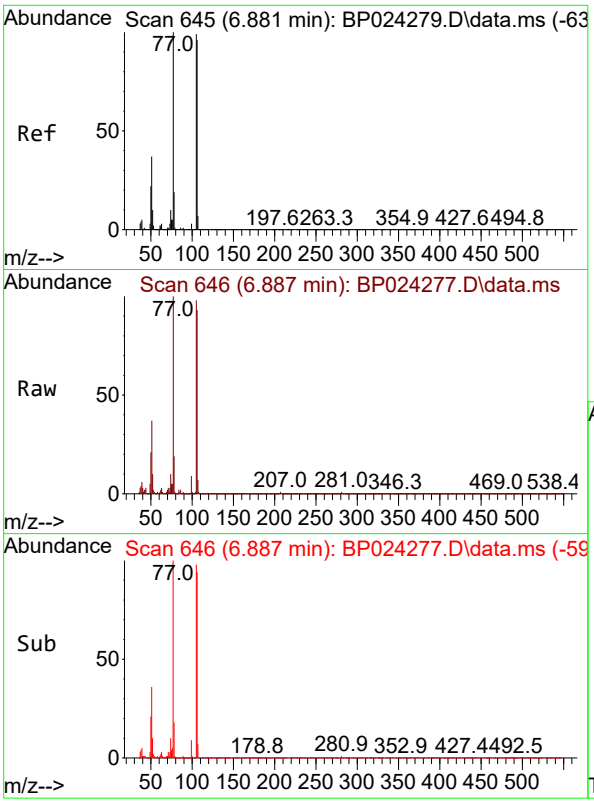


#8
2-Chlorophenol
Concen: 9.573 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:128 Resp: 154194

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	42.8	22.7	62.7



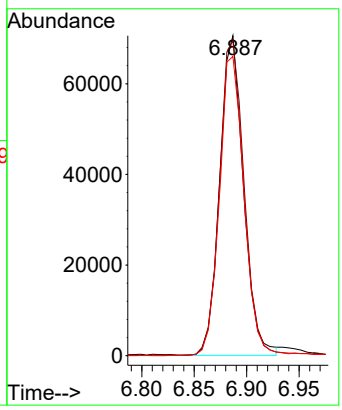


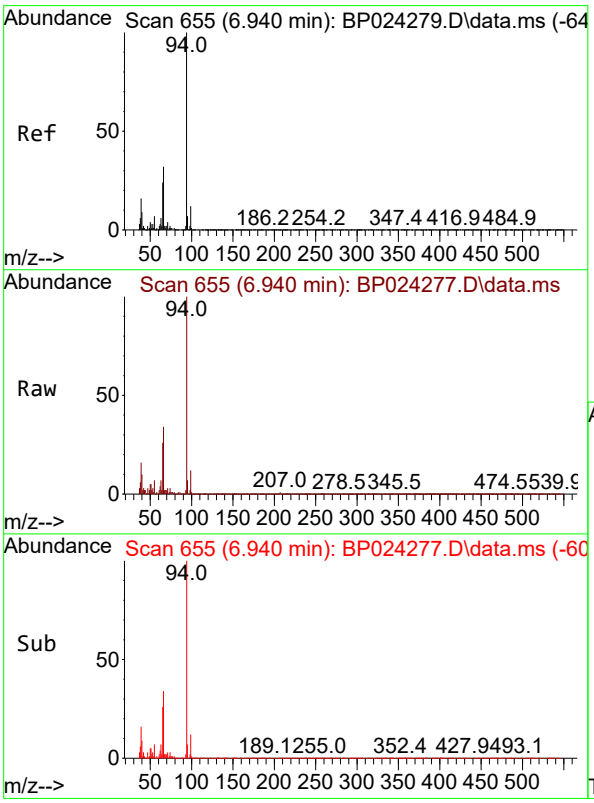
#9
Benzaldehyde
Concen: 10.879 ng m
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 111093

Ion	Ratio	Lower	Upper
77	100		
105	98.4	79.2	119.2
106	93.5	76.2	116.2

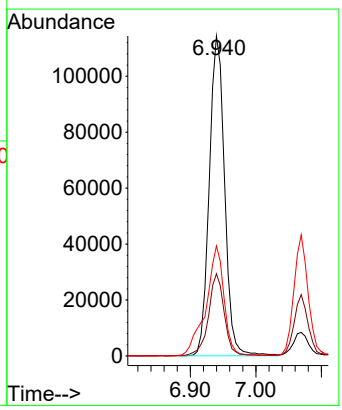


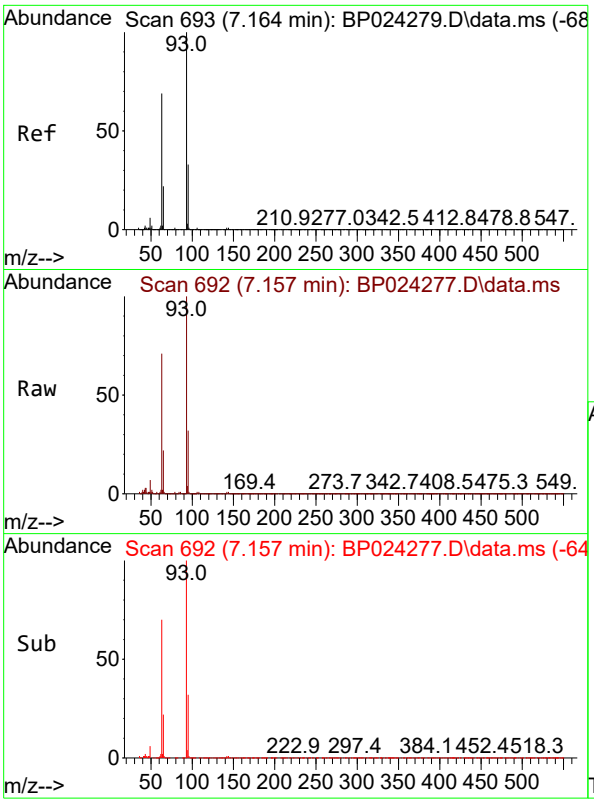


#10
Phenol
Concen: 9.401 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 94 Resp: 186113

Ion	Ratio	Lower	Upper
94	100		
65	25.7	4.5	44.5
66	34.4	12.4	52.4



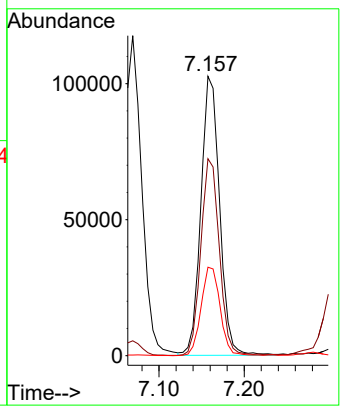


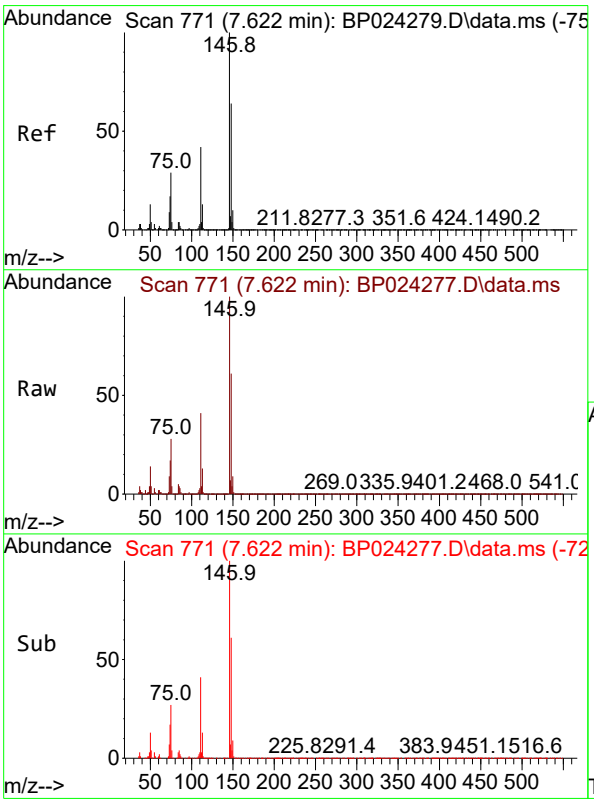
#11
bis(2-Chloroethyl)ether
Concen: 9.794 ng
RT: 7.157 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 156684

Ion	Ratio	Lower	Upper
93	100		
63	70.5	48.6	88.6
95	31.6	12.3	52.3

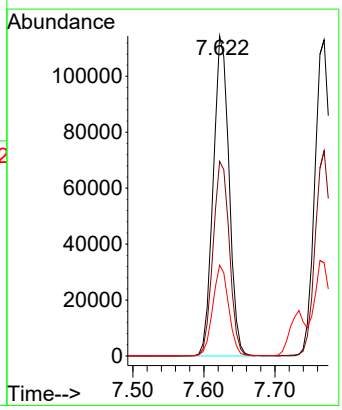


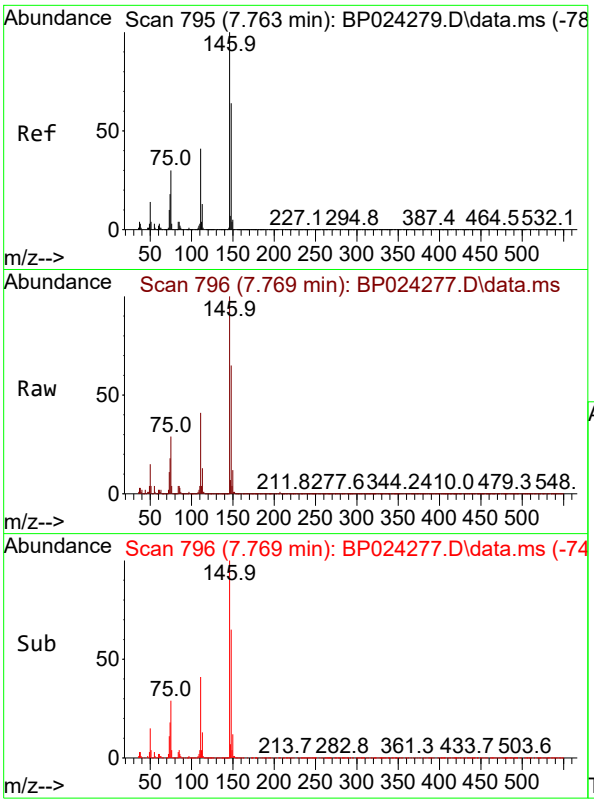


#12
1,3-Dichlorobenzene
Concen: 10.126 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 176712

Ion	Ratio	Lower	Upper
146	100		
148	60.8	51.4	77.0
75	28.4	22.9	34.3



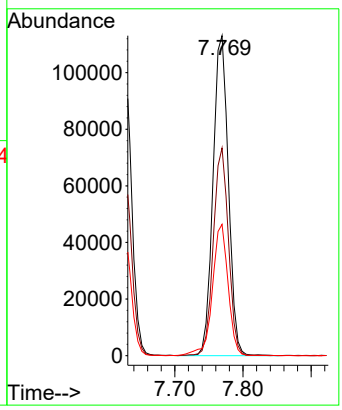


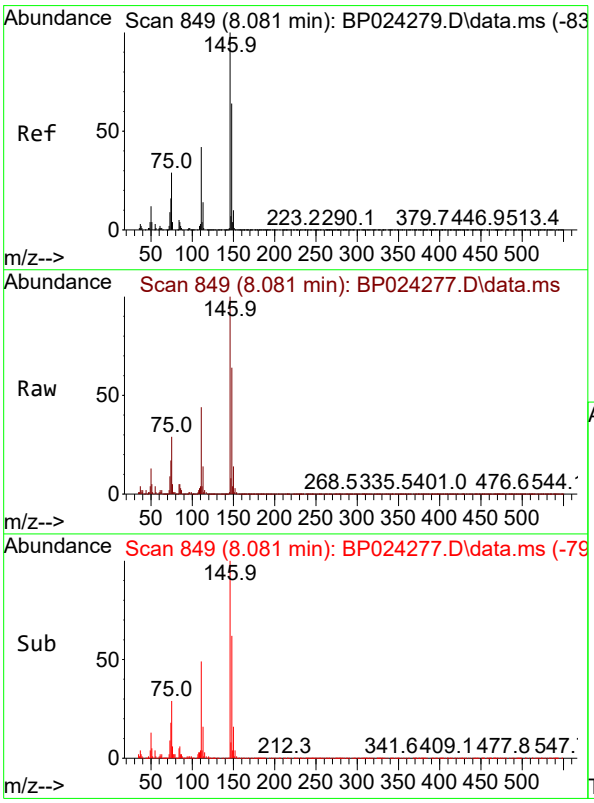
#13
1,4-Dichlorobenzene
Concen: 10.006 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 177067

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
111	41.1	32.6	48.8

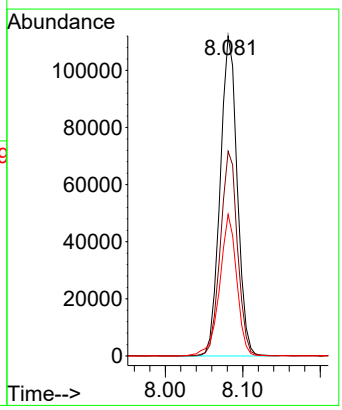


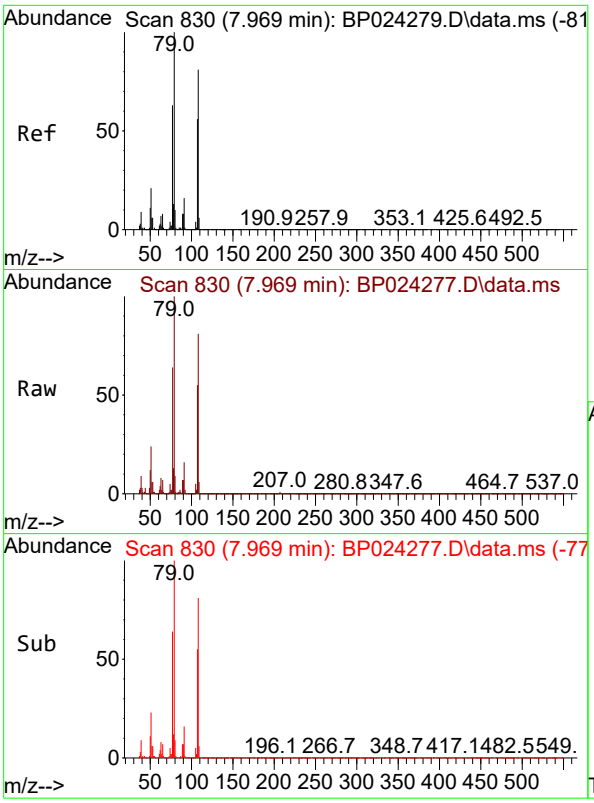


#14
1,2-Dichlorobenzene
Concen: 10.016 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:146 Resp: 171376

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	44.3	33.8	50.8



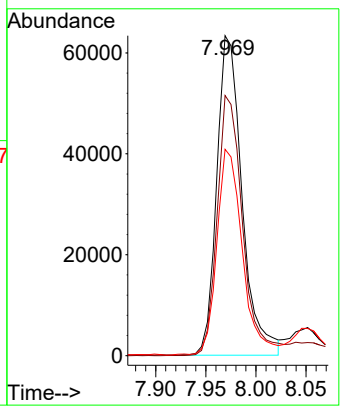


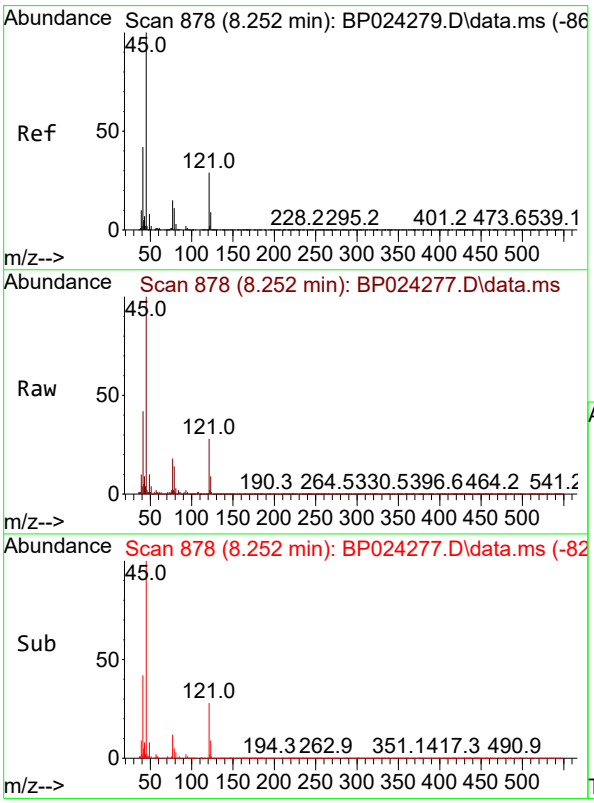
#15
Benzyl Alcohol
Concen: 8.797 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 111176

Ion	Ratio	Lower	Upper
79	100		
108	81.3	65.1	97.7
77	64.5	50.7	76.1

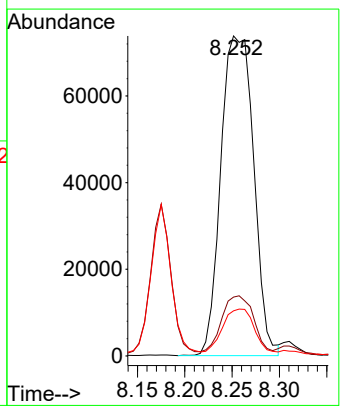


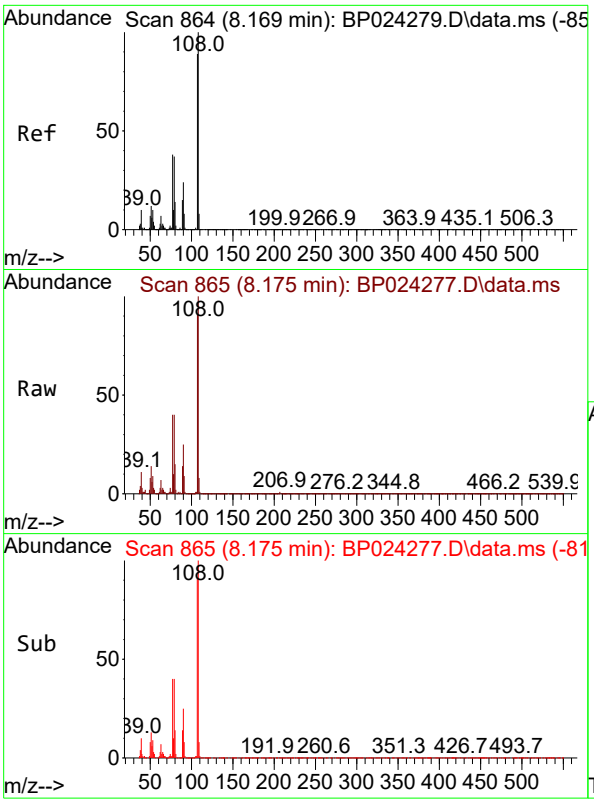


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.221 ng
RT: 8.252 min Scan# 878
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 45 Resp: 177896

Ion	Ratio	Lower	Upper
45	100		
77	18.4	0.0	37.7
79	14.1	0.0	33.5



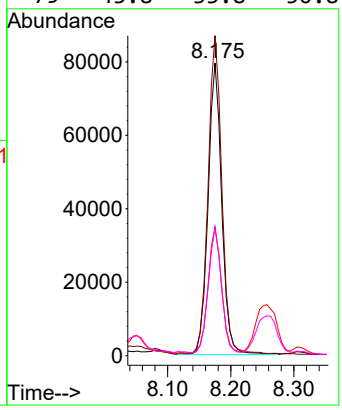


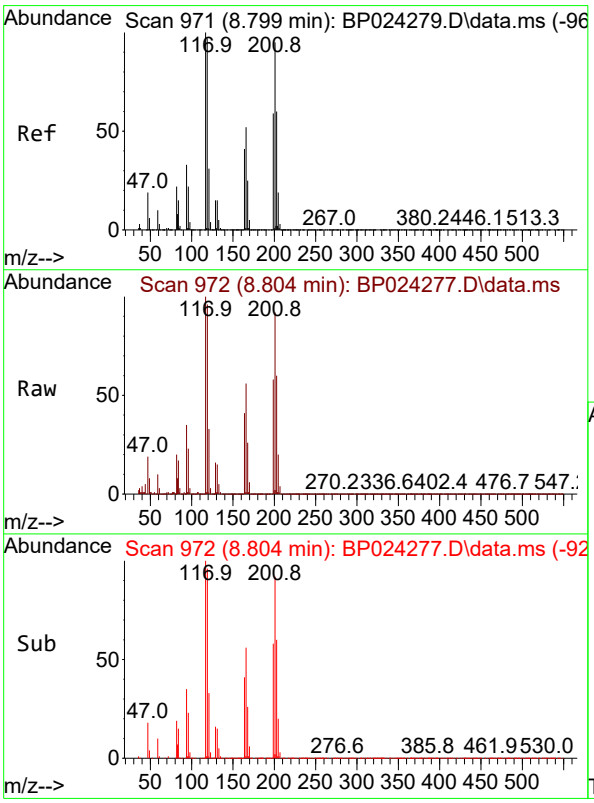
#17
2-Methylphenol
Concen: 9.340 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 119161

Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.6
77	43.9	34.2	51.4
79	43.8	33.8	50.8

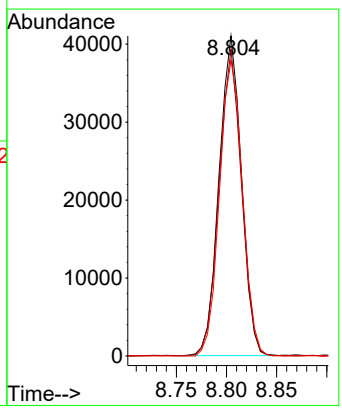


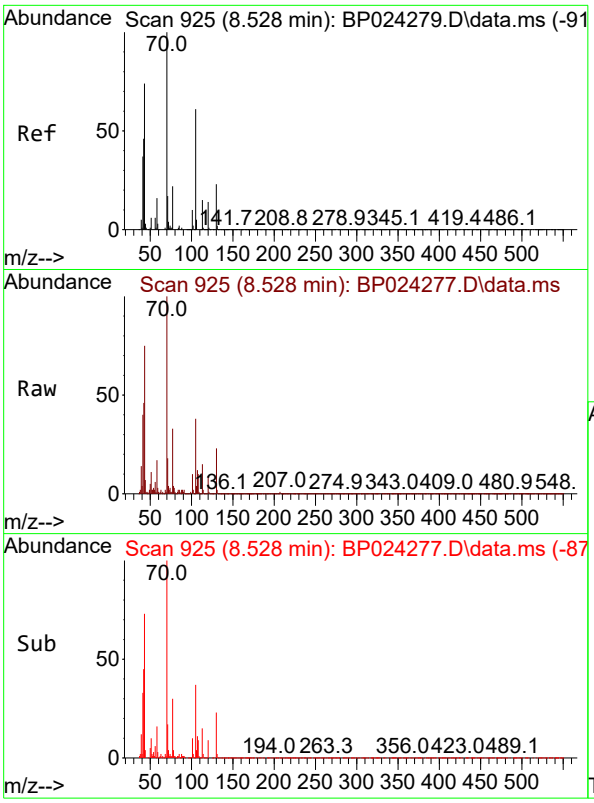


#18
Hexachloroethane
Concen: 10.007 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:117 Resp: 63912

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.6
201	92.4	75.9	113.9



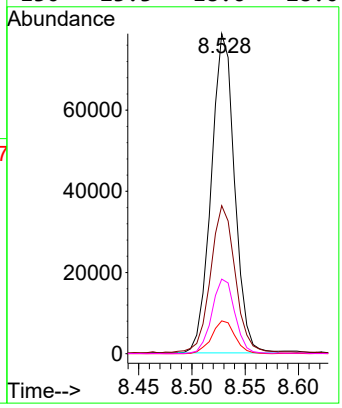


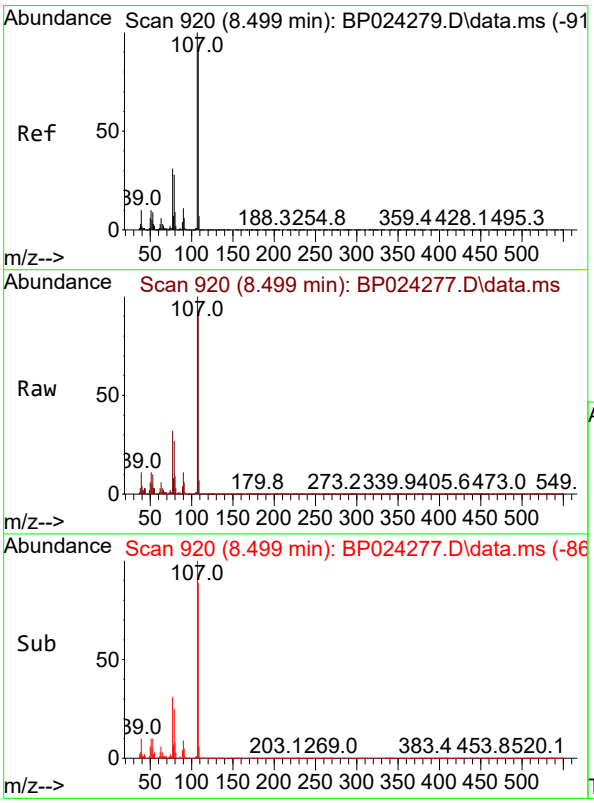
#19
n-Nitroso-di-n-propylamine
Concen: 9.787 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 119861

Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

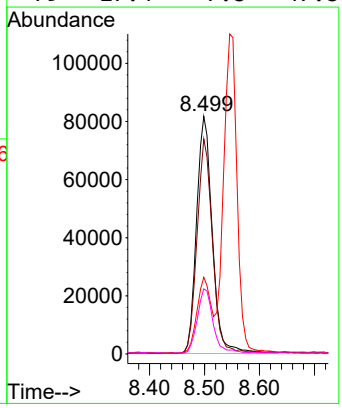


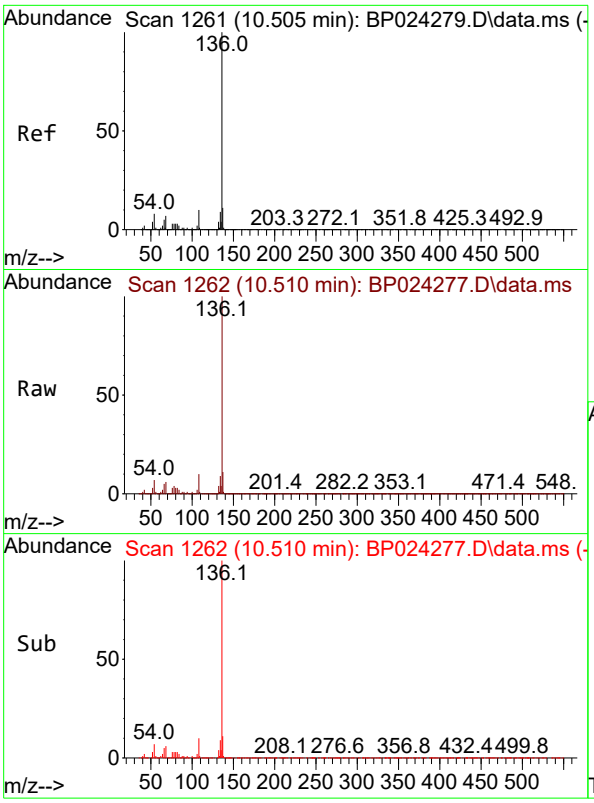


#20
3+4-Methylphenols
Concen: 9.187 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 162332

Ion	Ratio	Lower	Upper
107	100		
108	90.5	69.8	109.8
77	32.3	11.5	51.5
79	27.4	7.8	47.8



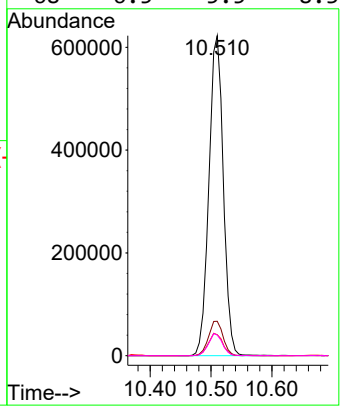


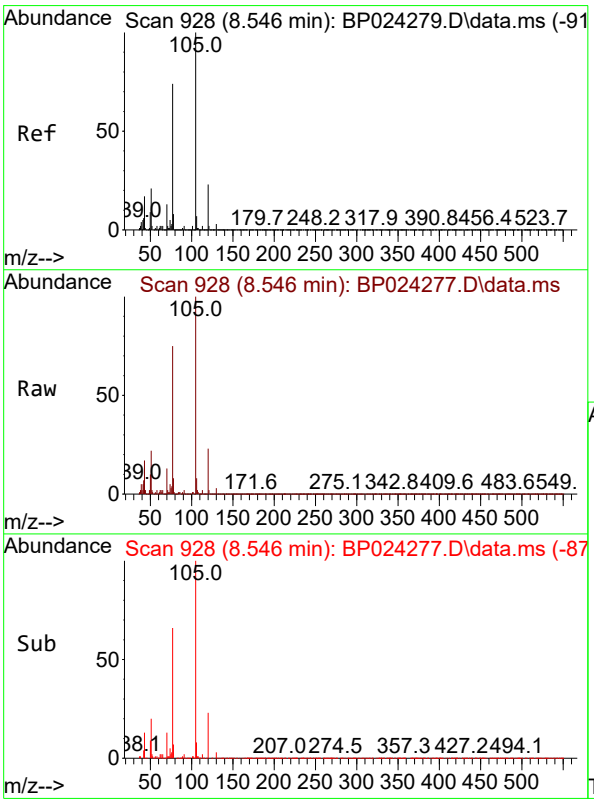
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 1022895

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.6	6.0	9.0
68	6.5	5.5	8.3

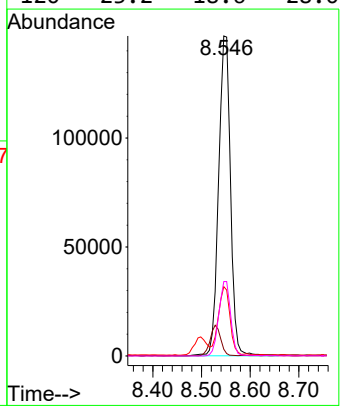


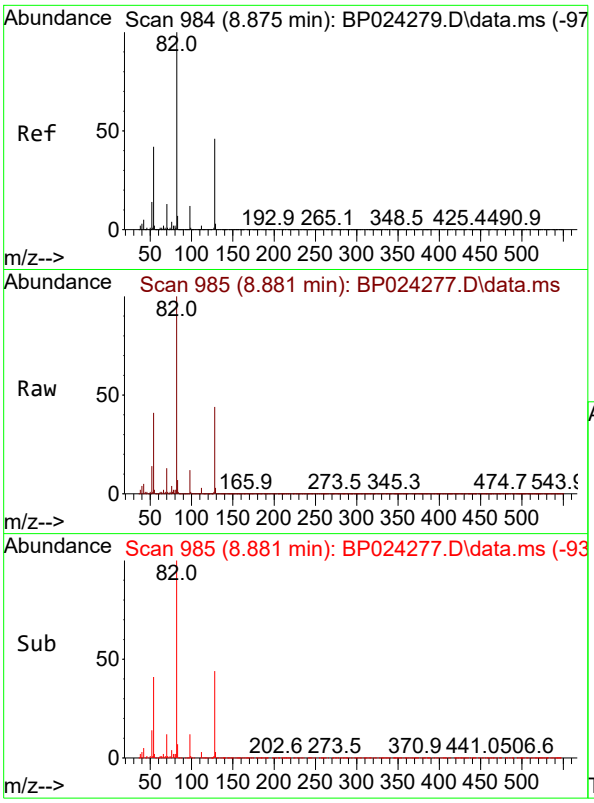


#22
Acetophenone
Concen: 9.787 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:105 Resp: 248823

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.7	16.9	25.3
120	23.2	18.6	28.0



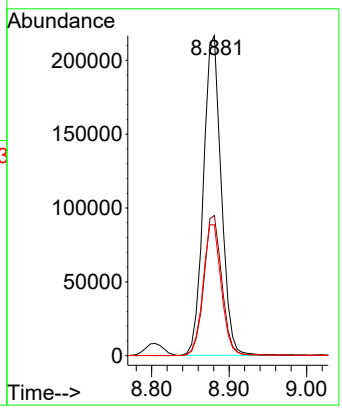


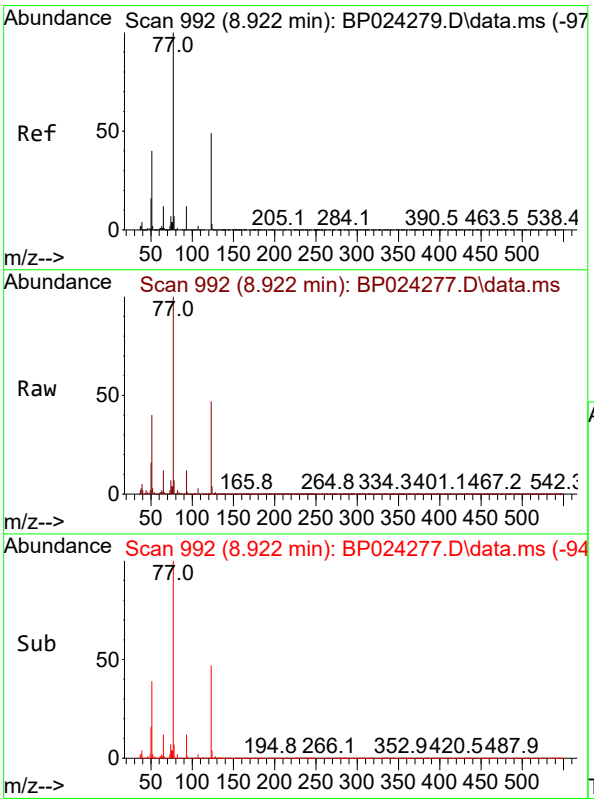
#23
Nitrobenzene-d5
Concen: 19.207 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 345094

Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	40.9	33.4	50.2

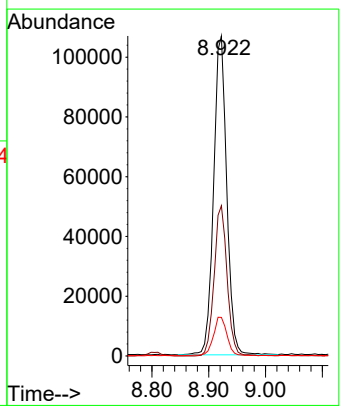


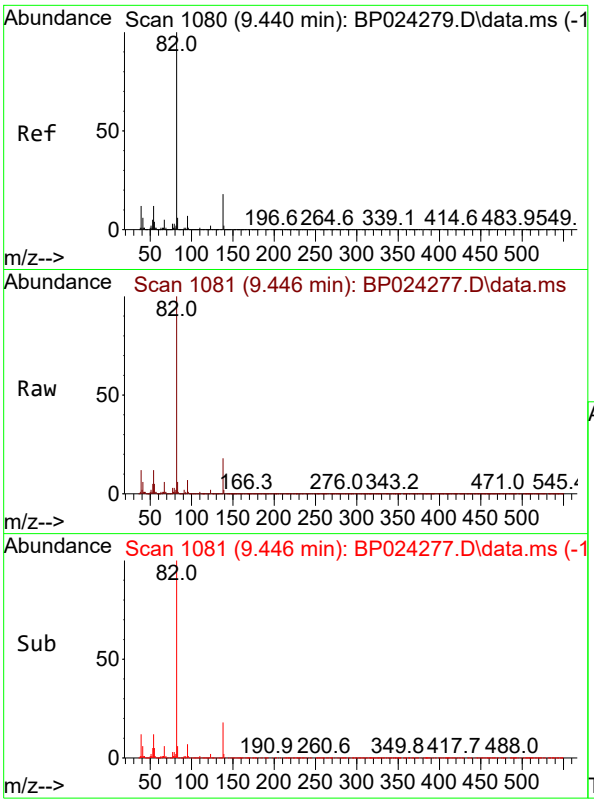


#24
Nitrobenzene
Concen: 9.590 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 77 Resp: 170770

Ion	Ratio	Lower	Upper
77	100		
123	47.0	39.2	58.8
65	12.1	9.8	14.6



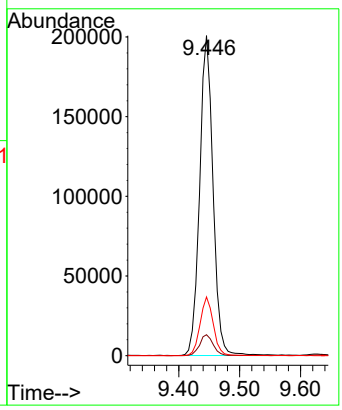


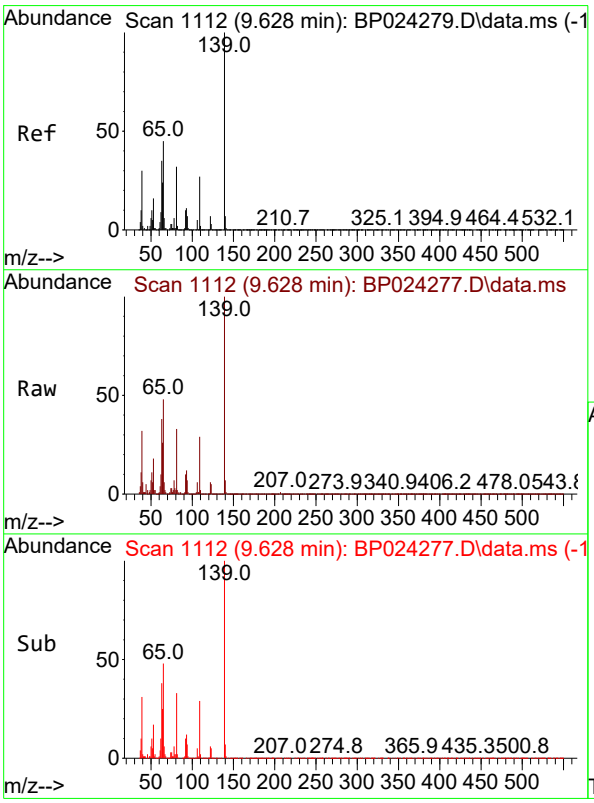
#25
Isophorone
Concen: 9.473 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 307272

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.4	8.2
138	18.3	14.4	21.6

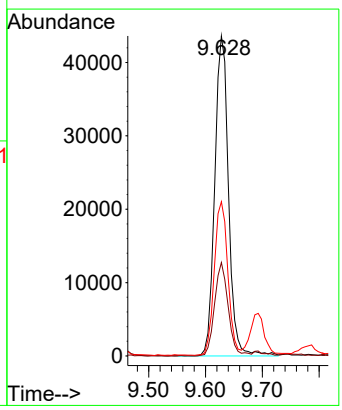


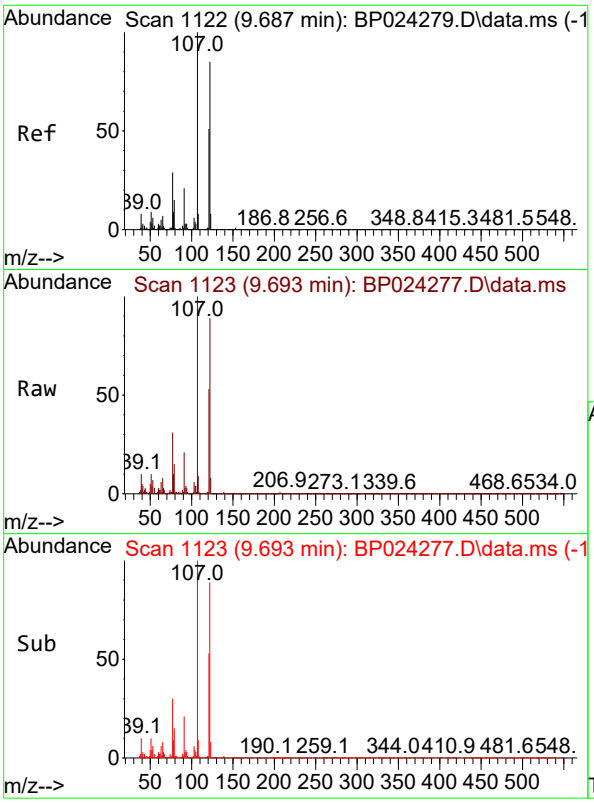


#26
2-Nitrophenol
Concen: 8.575 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 73320

Ion	Ratio	Lower	Upper
139	100		
109	29.2	21.8	32.6
65	48.2	36.2	54.2



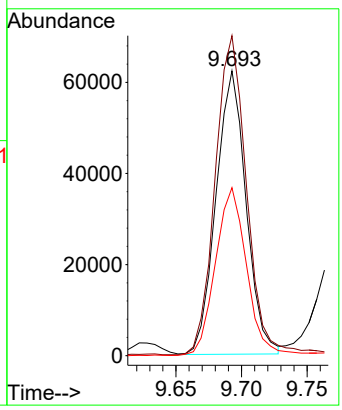


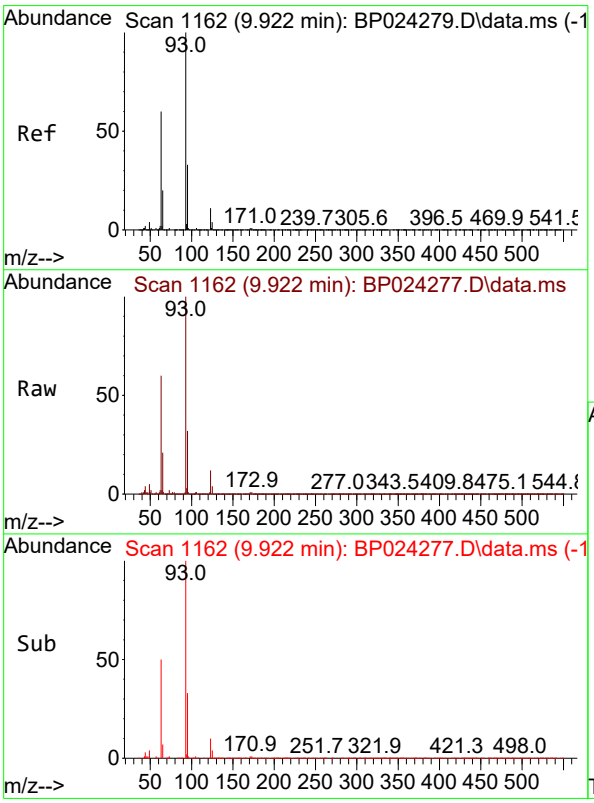
#27
2,4-Dimethylphenol
Concen: 9.152 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 99186

Ion	Ratio	Lower	Upper
122	100		
107	112.4	93.7	140.5
121	59.0	48.2	72.2

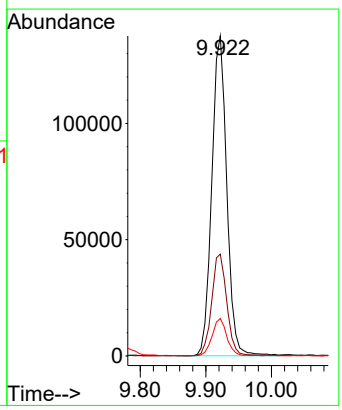


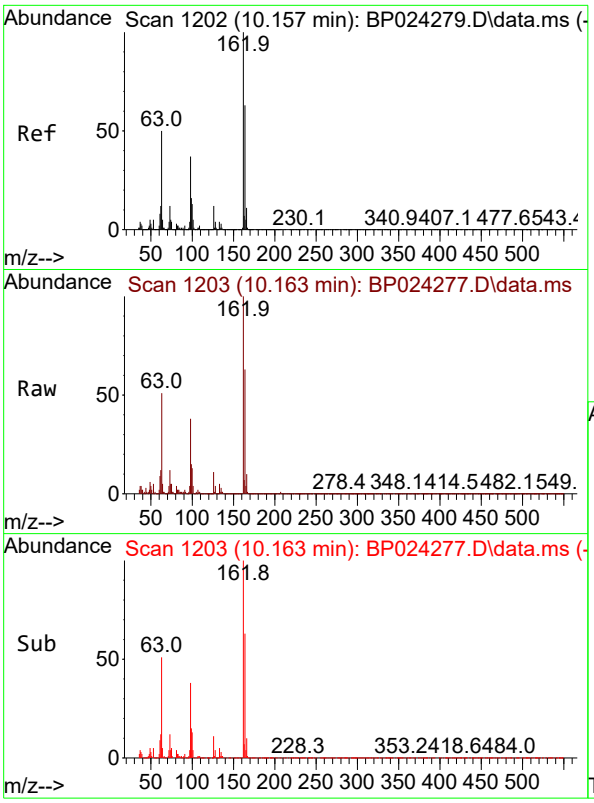


#28
bis(2-Chloroethoxy)methane
Concen: 9.869 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 93 Resp: 217866

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.0	39.0
123	11.7	9.1	13.7



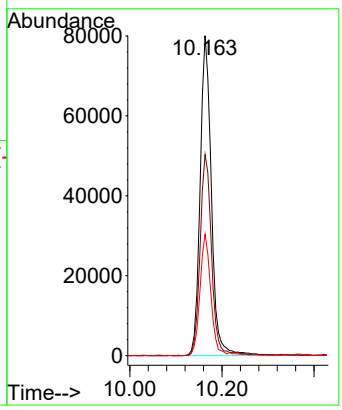


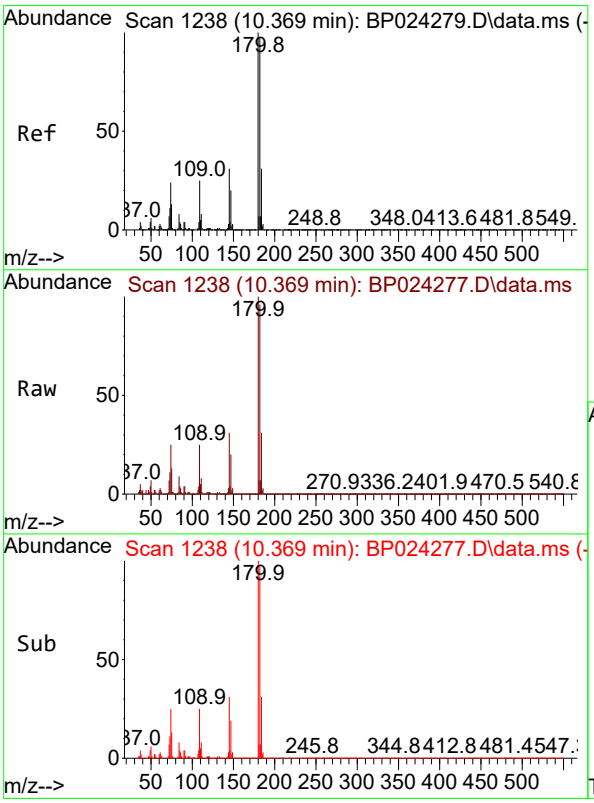
#29
2,4-Dichlorophenol
Concen: 9.263 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 136816

Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.3	83.3
98	37.9	16.6	56.6

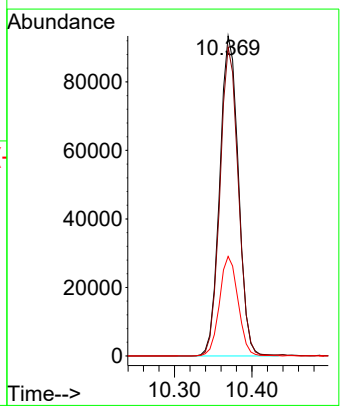


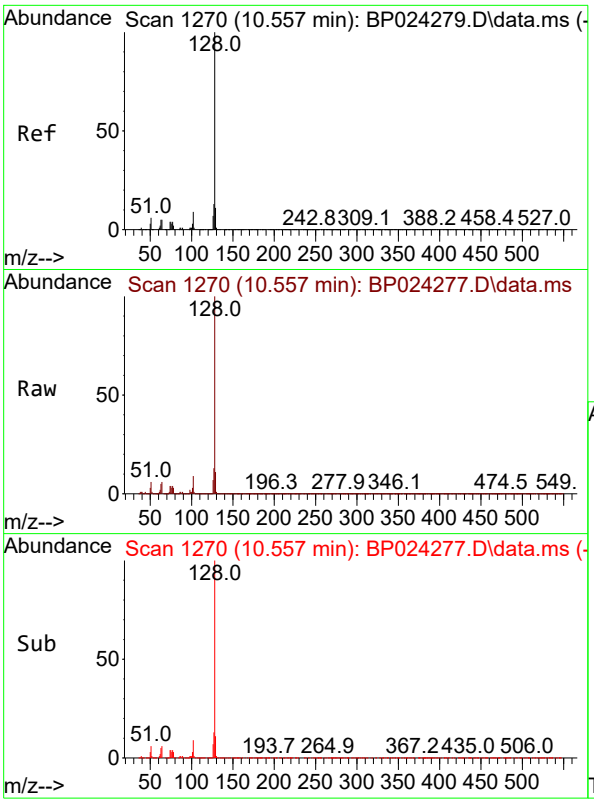


#30
1,2,4-Trichlorobenzene
Concen: 9.760 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:180 Resp: 155965

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.3	115.9
145	31.1	25.1	37.7



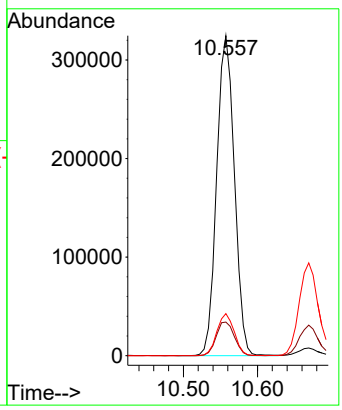


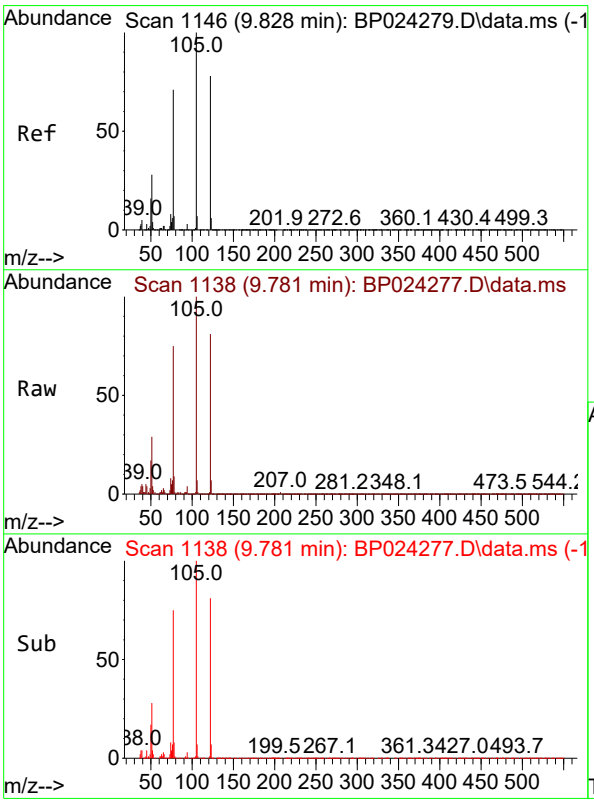
#31
Naphthalene
Concen: 9.953 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 538892

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.3	15.5

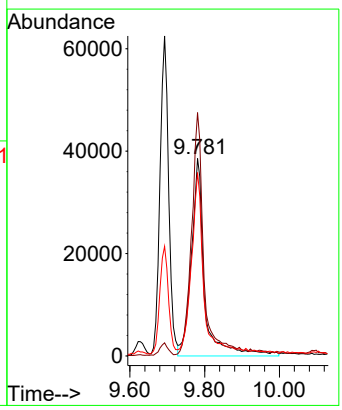


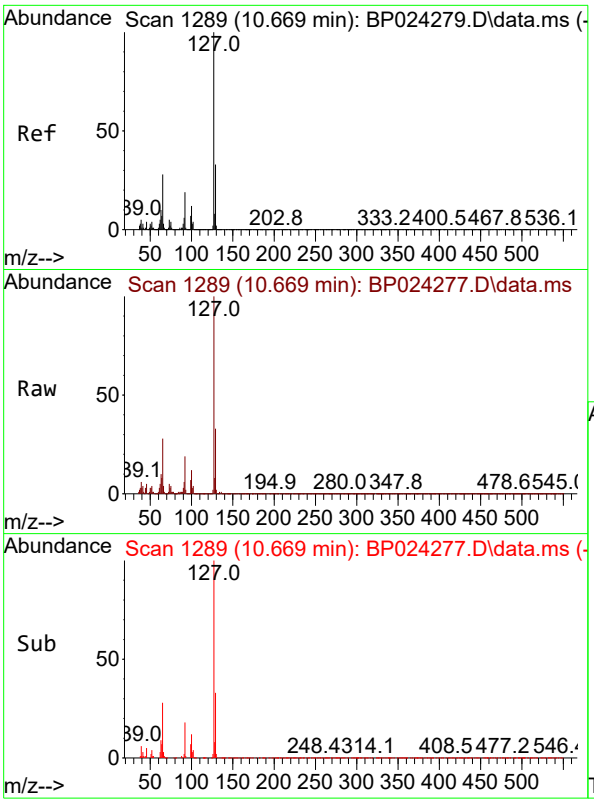


#32
Benzoic acid
Concen: 8.095 ng m
RT: 9.781 min Scan# 1138
Delta R.T. -0.047 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:122 Resp: 94803

Ion	Ratio	Lower	Upper
122	100		
105	123.3	104.8	144.8
77	92.9	69.2	109.2



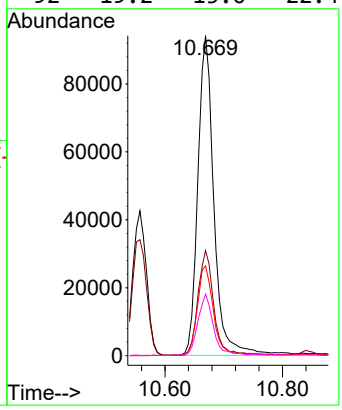


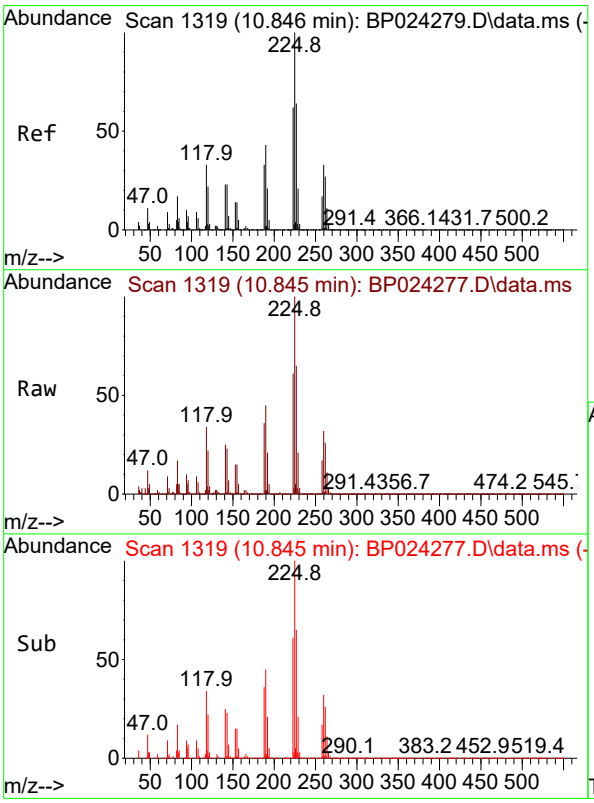
#33
4-Chloroaniline
Concen: 9.433 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 178451

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.1	39.1
65	28.1	22.1	33.1
92	19.2	15.0	22.4

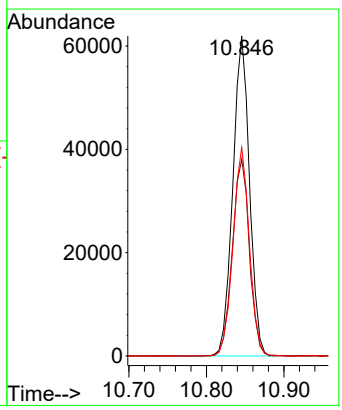


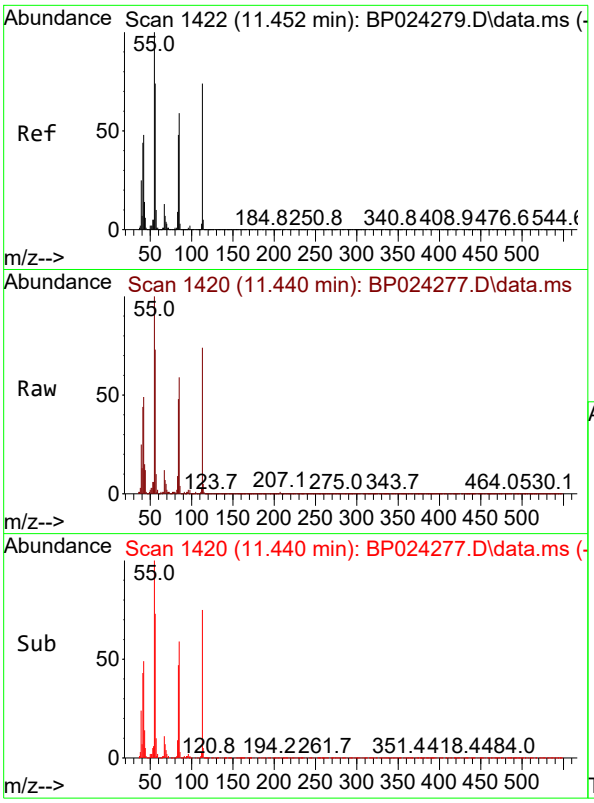


#34
Hexachlorobutadiene
Concen: 9.885 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:225 Resp: 92662

Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.5	74.3
227	65.0	50.9	76.3



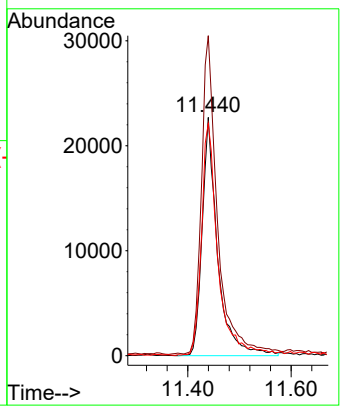


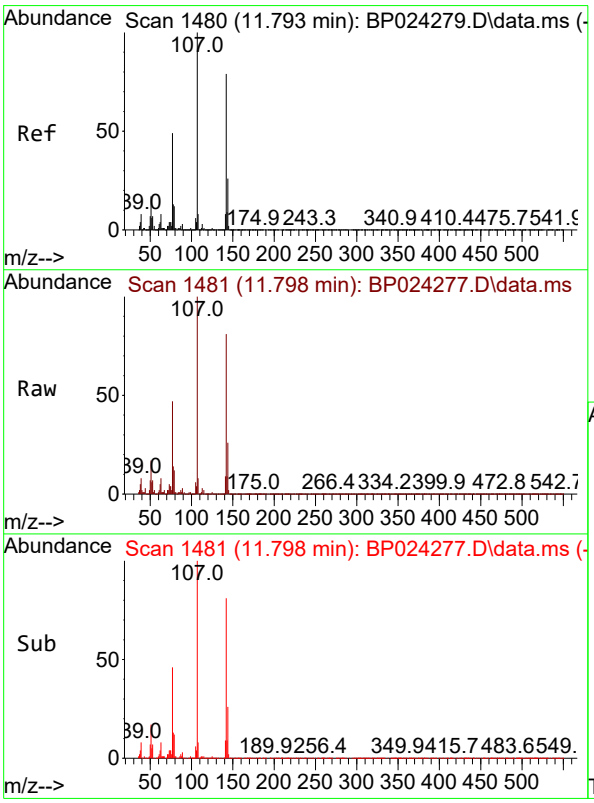
#35
Caprolactam
Concen: 8.670 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 47014

Ion	Ratio	Lower	Upper
113	100		
55	134.3	115.9	155.9
56	97.4	81.1	121.1

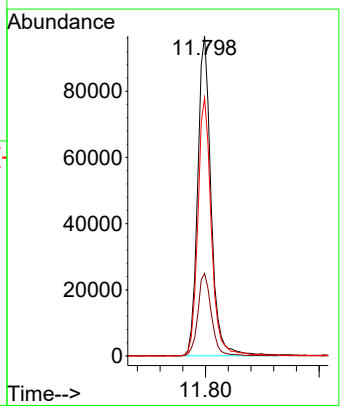


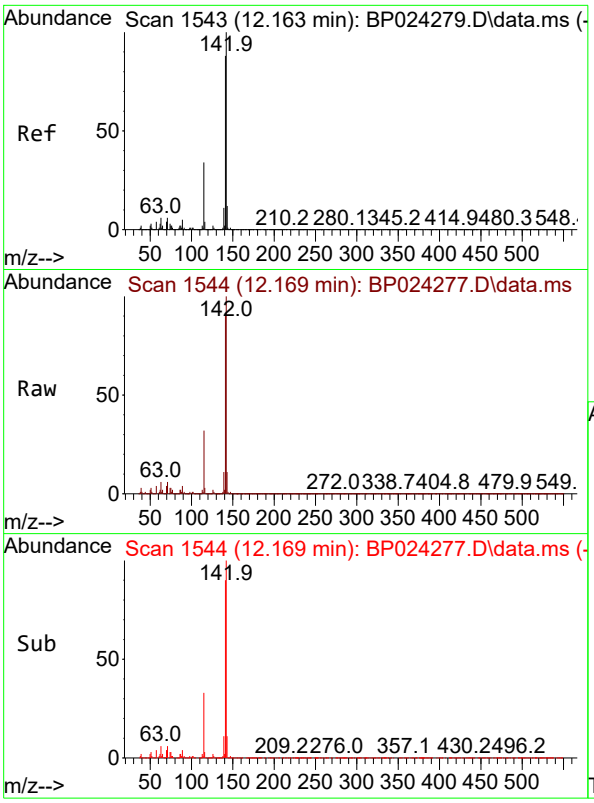


#36
4-Chloro-3-methylphenol
Concen: 9.213 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:107 Resp: 158563

Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.5	30.7
142	80.6	63.4	95.2



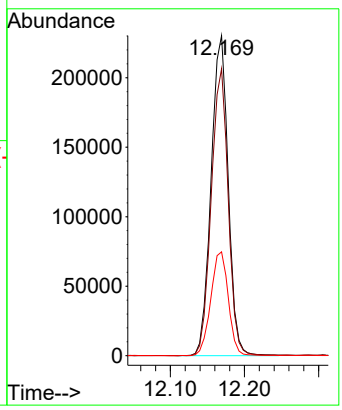


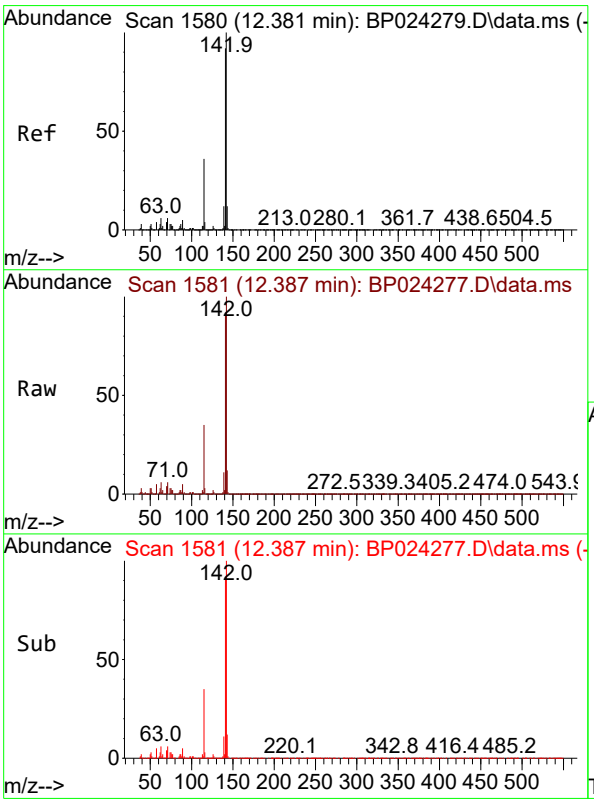
#37
2-Methylnaphthalene
Concen: 9.810 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 368122

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.3	105.5
115	32.5	26.9	40.3

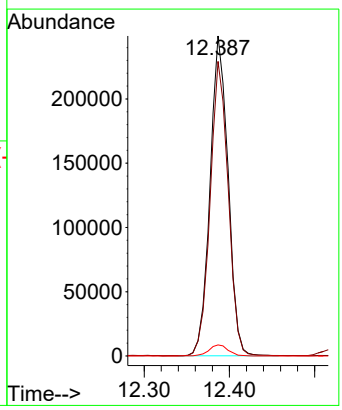


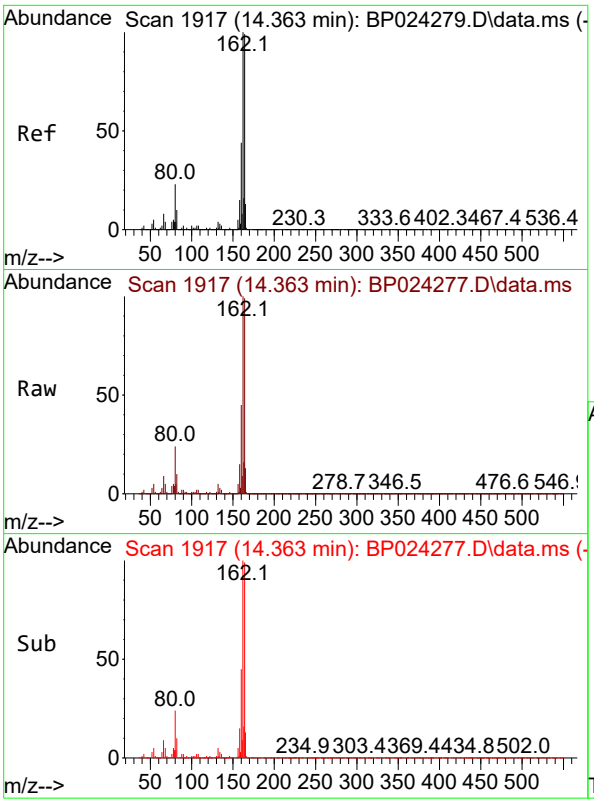


#38
1-Methylnaphthalene
Concen: 9.933 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:142 Resp: 365139

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	3.5	3.0	4.6



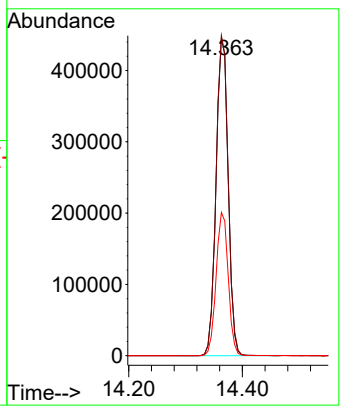


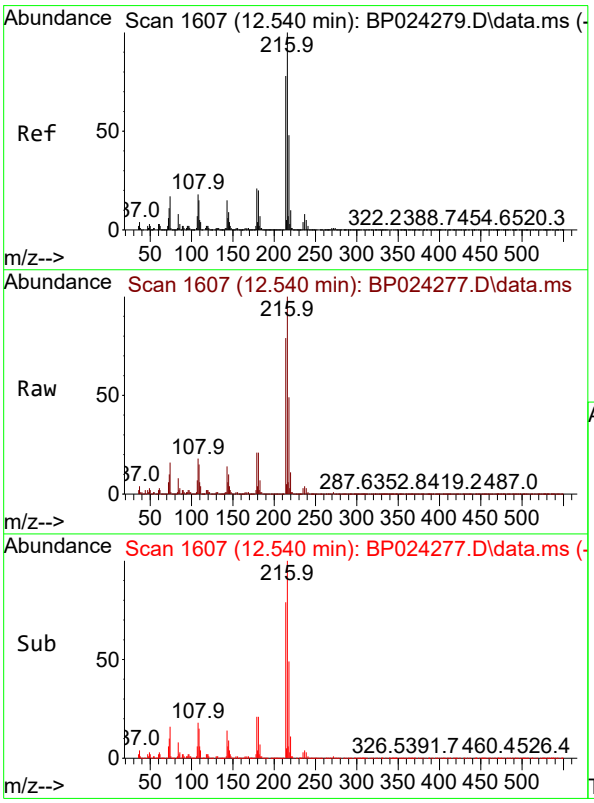
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 658652

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	120.8
160	45.0	35.3	52.9

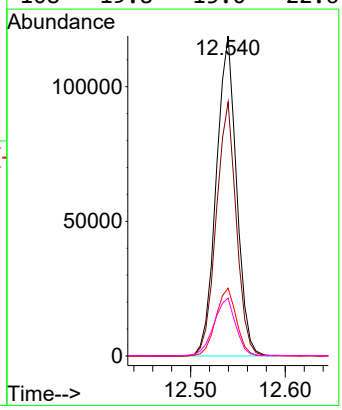


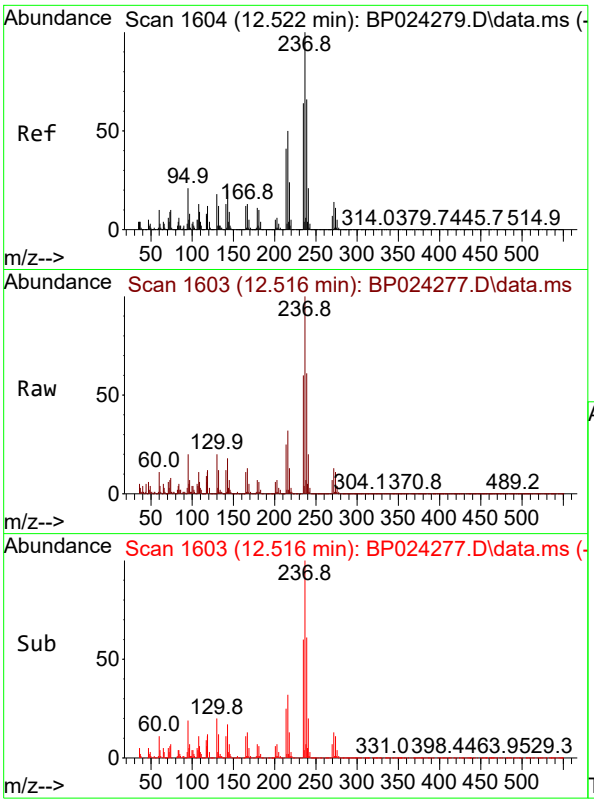


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.789 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:216 Resp: 177188

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	21.5	17.2	25.8
108	19.8	15.0	22.6



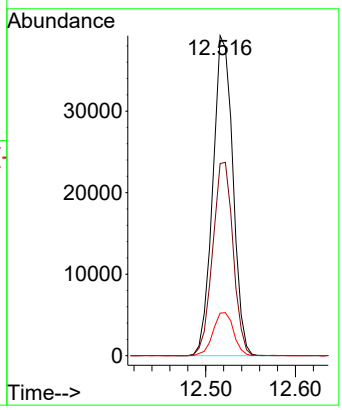


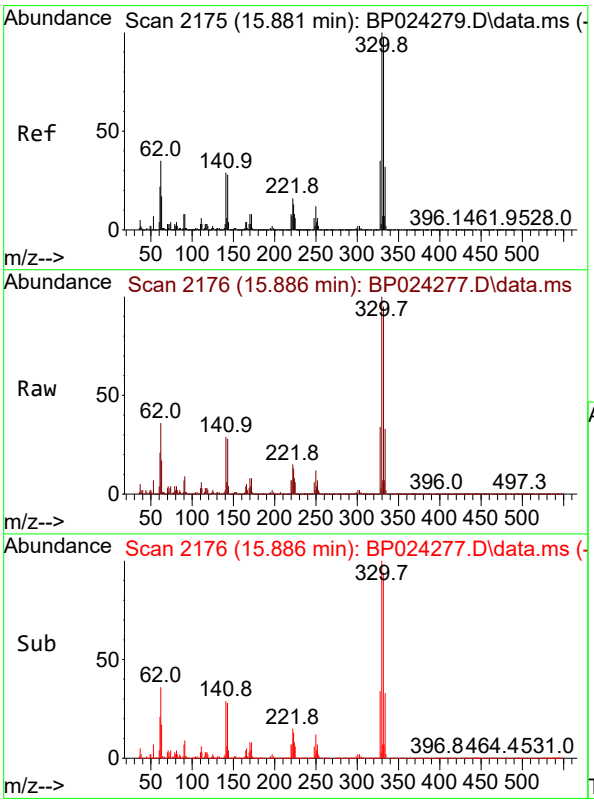
#41
Hexachlorocyclopentadiene
Concen: 9.586 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 60914

Ion	Ratio	Lower	Upper
237	100		
235	60.0	43.9	83.9
272	13.3	0.0	33.6

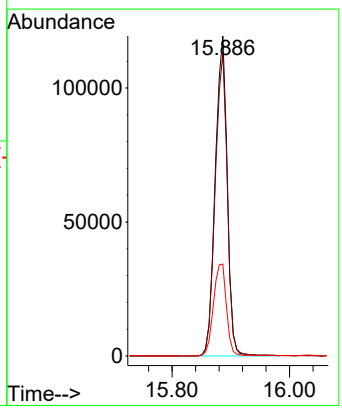


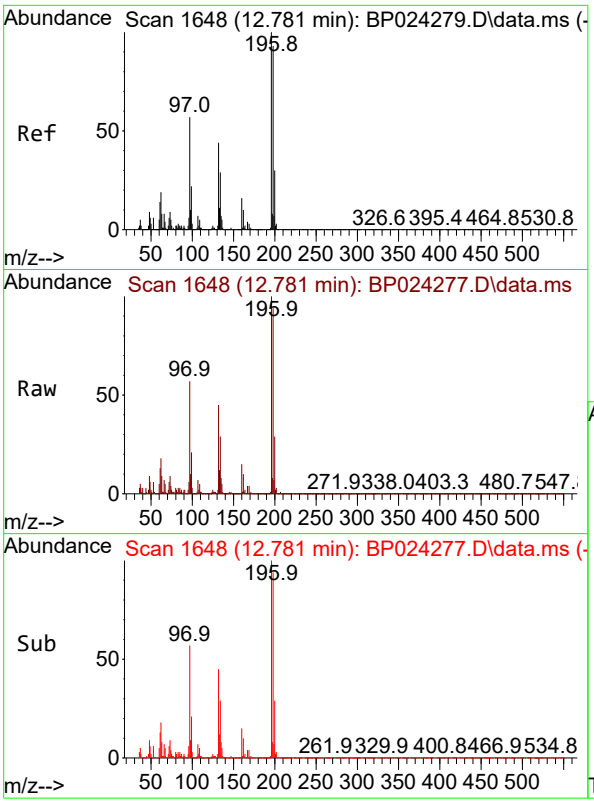


#42
2,4,6-Tribromophenol
Concen: 18.715 ng
RT: 15.886 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:330 Resp: 168790

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	31.2	24.7	37.1



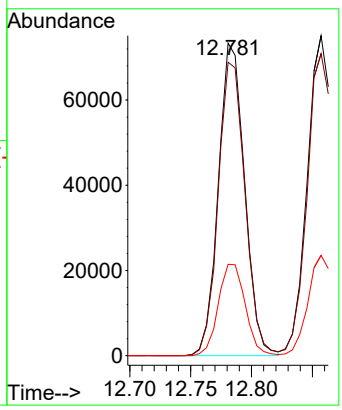


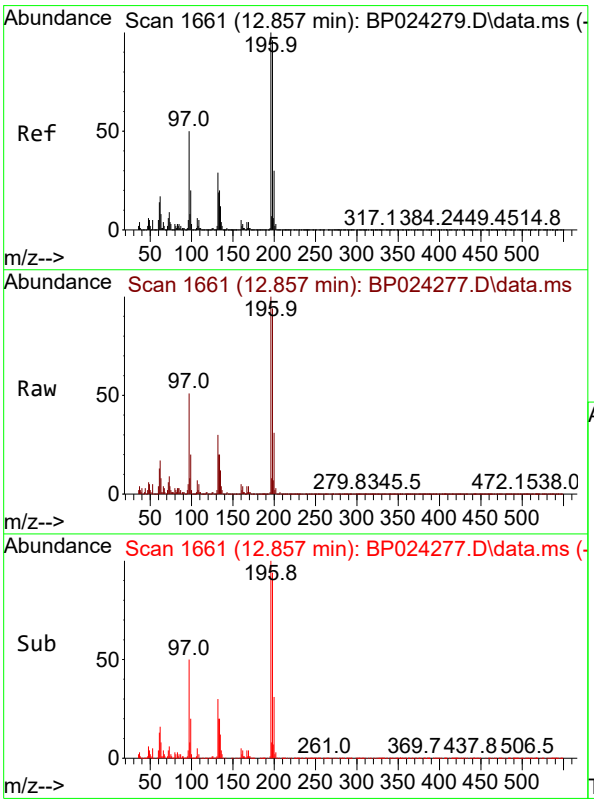
#43
2,4,6-Trichlorophenol
Concen: 9.253 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 110203

Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.3	111.5
200	29.3	24.0	36.0

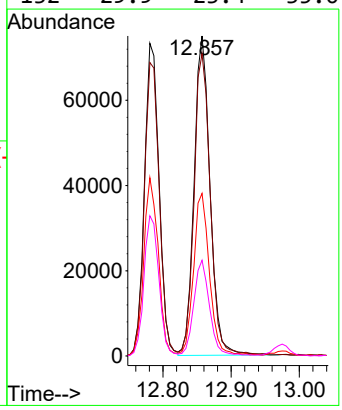


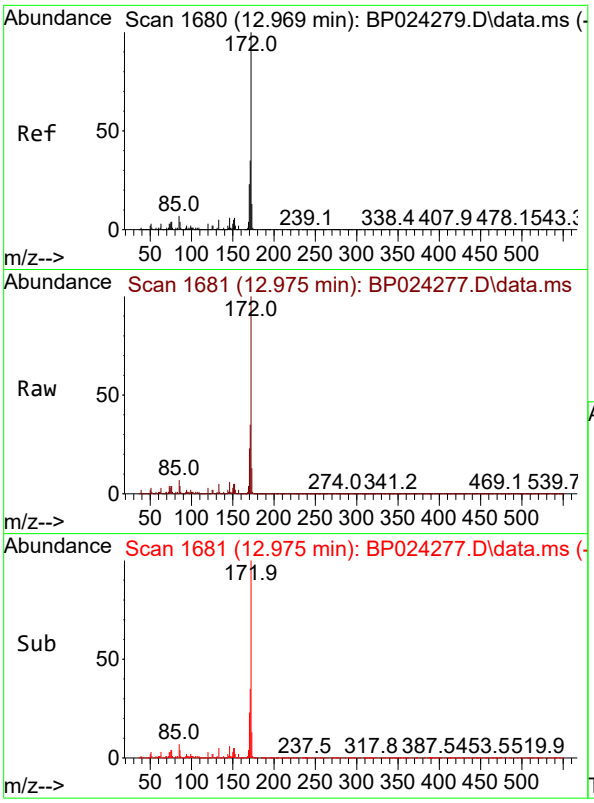


#44
2,4,5-Trichlorophenol
Concen: 9.251 ng
RT: 12.857 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:196 Resp: 122104

Ion	Ratio	Lower	Upper
196	100		
198	94.4	77.3	115.9
97	50.8	40.4	60.6
132	29.9	23.4	35.0



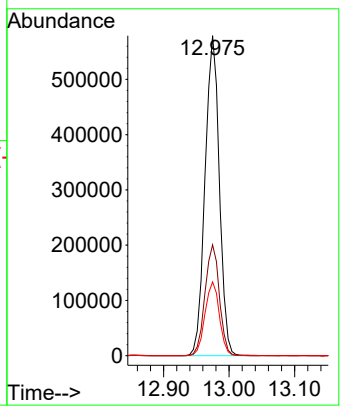


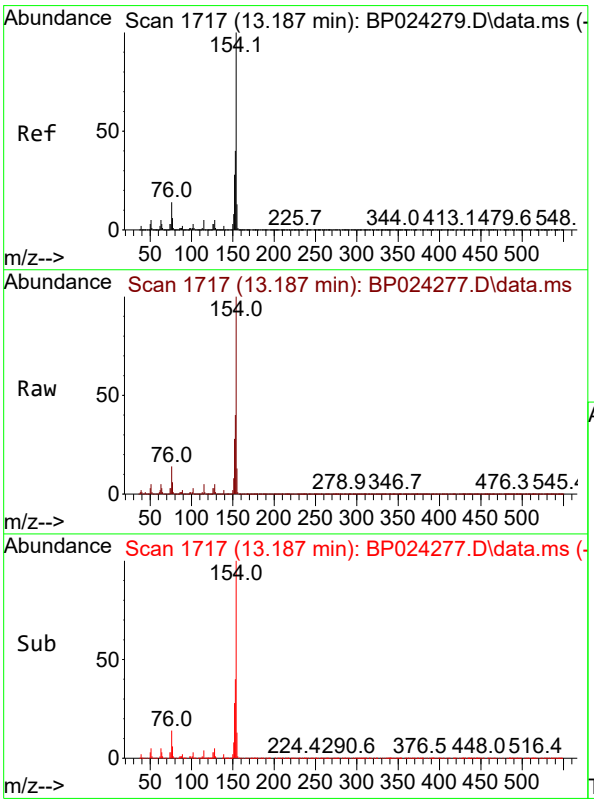
#45
2-Fluorobiphenyl
Concen: 20.247 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 878366

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.0	18.6	27.8

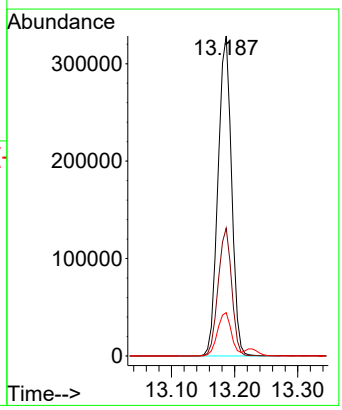


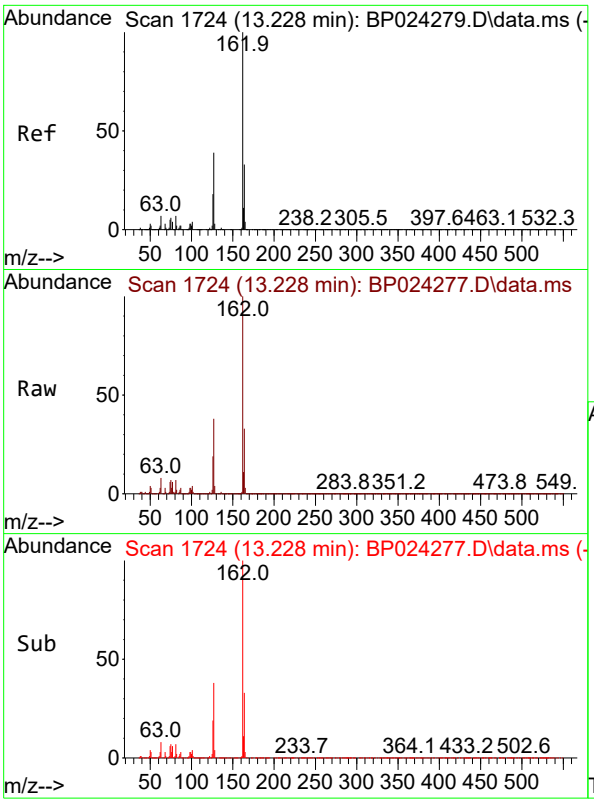


#46
1,1'-Biphenyl
Concen: 10.080 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 490325

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	13.6	0.0	33.5



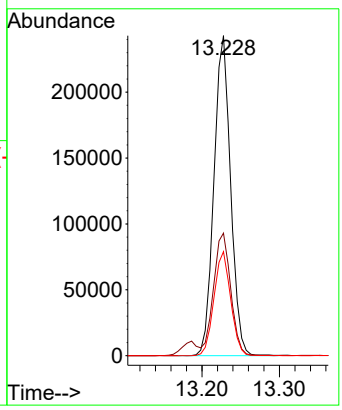


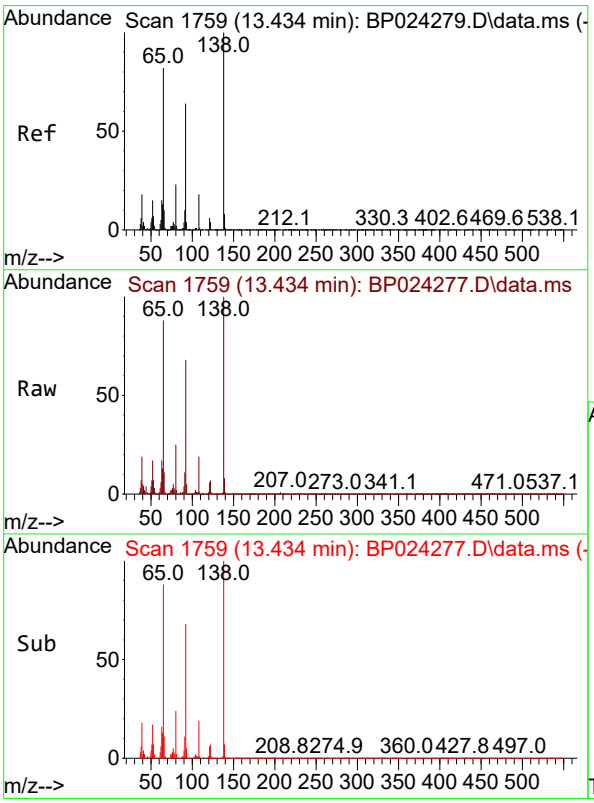
#47
2-Chloronaphthalene
Concen: 9.985 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 362419

Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.9	47.9
164	32.5	26.2	39.4

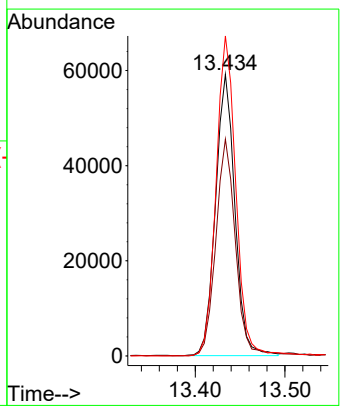


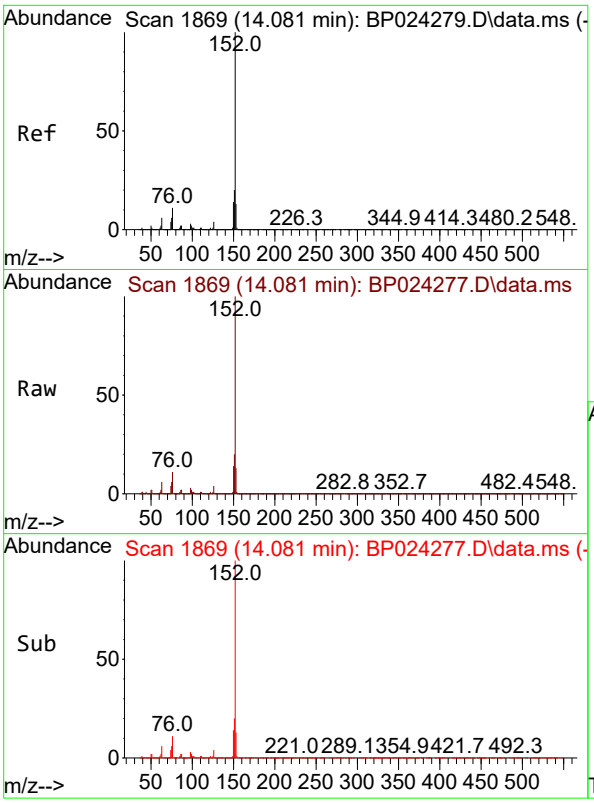


#48
2-Nitroaniline
Concen: 8.866 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion: 65 Resp: 88889

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	113.7	97.2	145.8



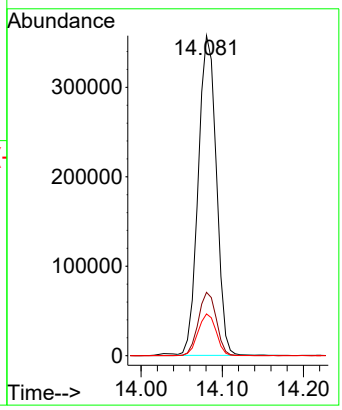


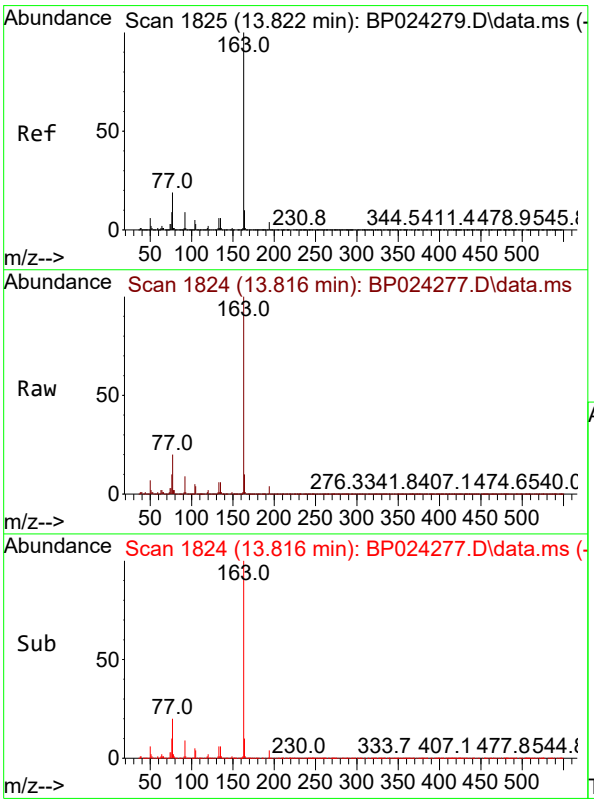
#49
Acenaphthylene
Concen: 9.711 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 553215

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.1	10.6	15.8

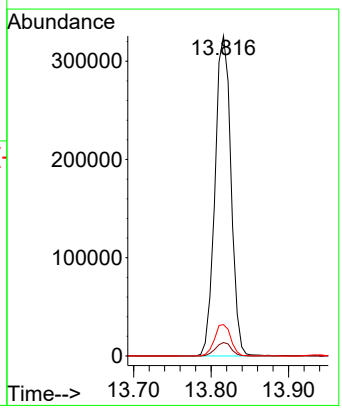


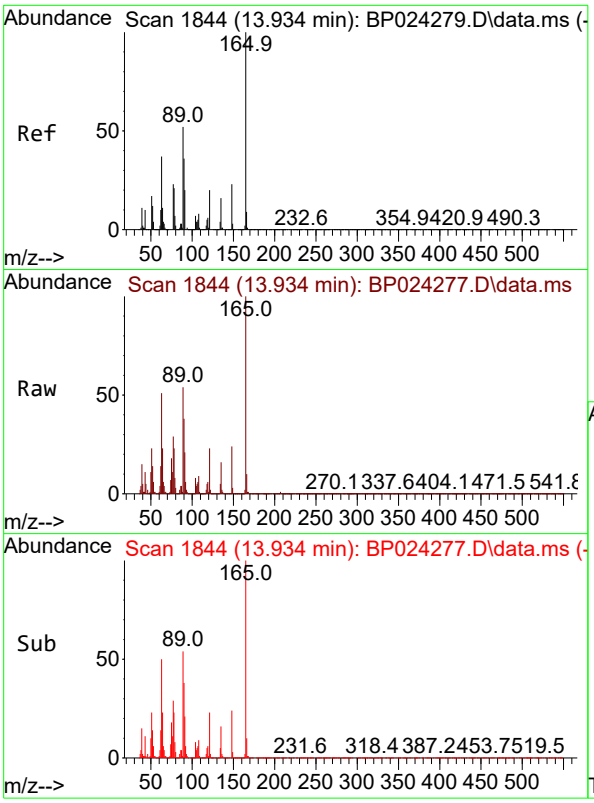


#50
Dimethylphthalate
Concen: 9.704 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:163 Resp: 466314

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.8	8.0	12.0



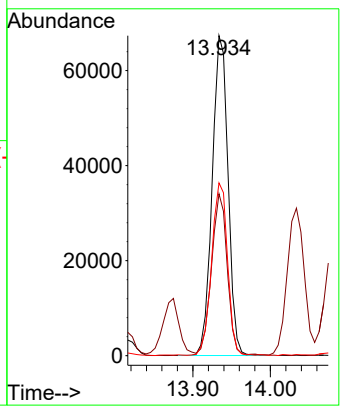


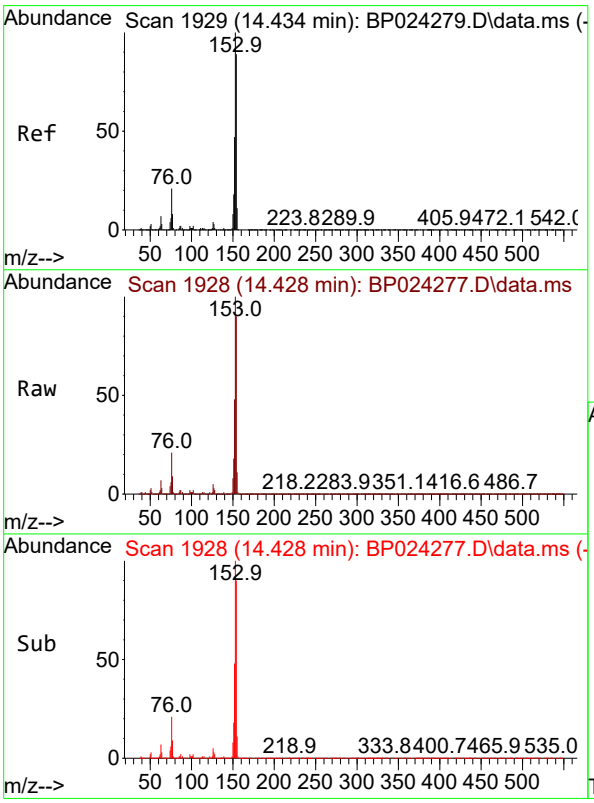
#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 95596

Ion	Ratio	Lower	Upper
165	100		
63	50.6	38.0	57.0
89	54.0	41.7	62.5

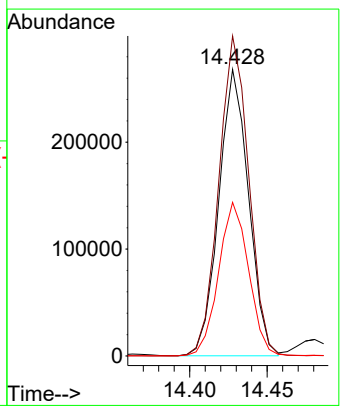


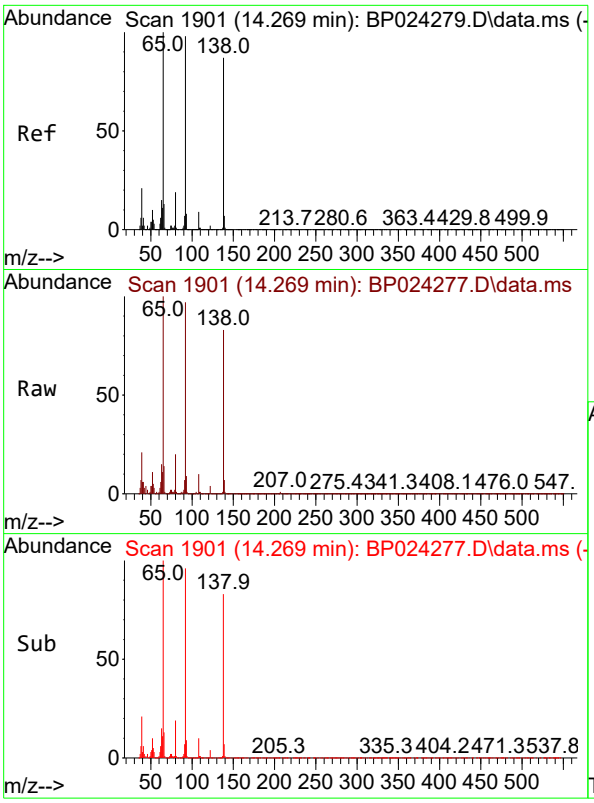


#52
Acenaphthene
Concen: 9.877 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:154 Resp: 357828

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.8	134.6
152	53.6	42.6	63.8



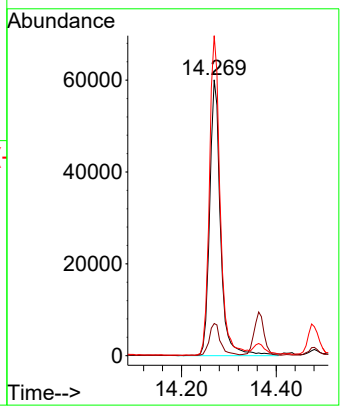


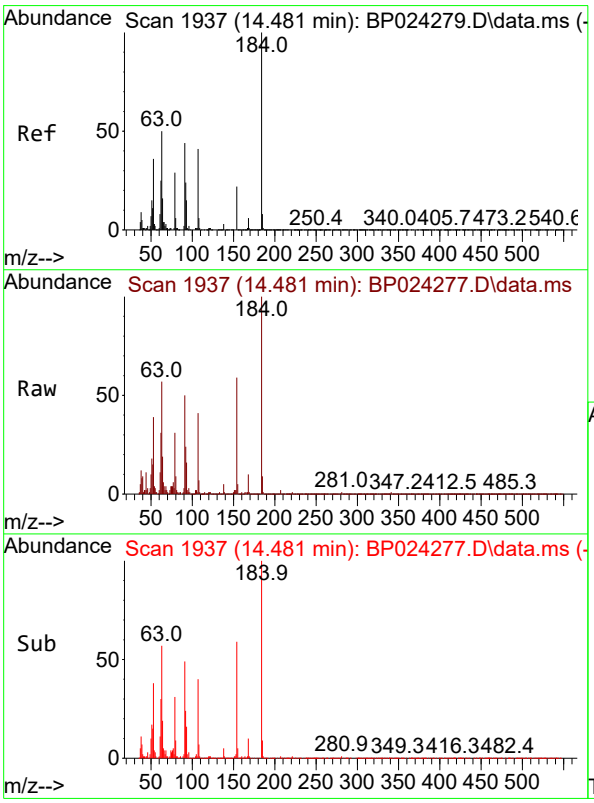
#53
3-Nitroaniline
Concen: 9.067 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 95237

Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.3	12.5
92	116.0	89.8	134.8

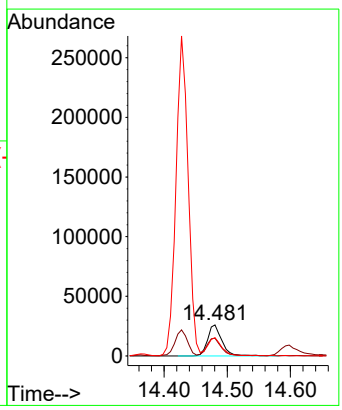


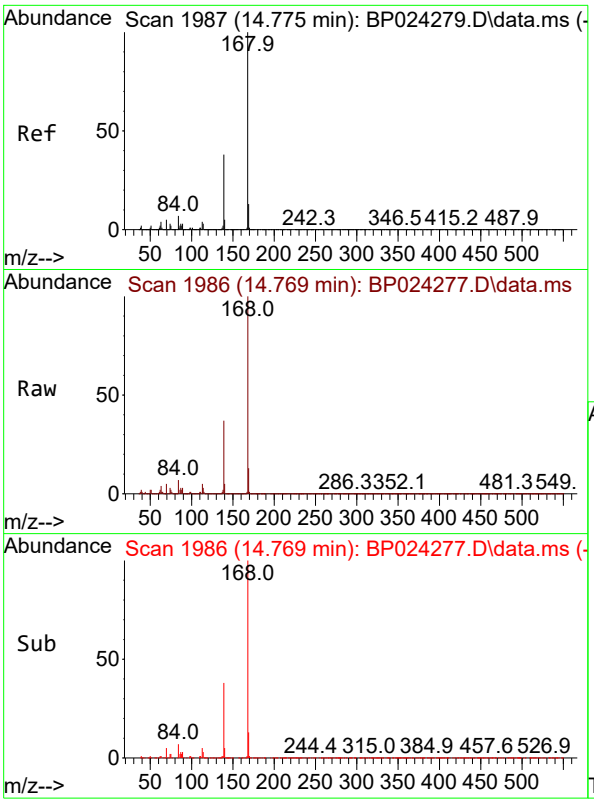


#54
2,4-Dinitrophenol
Concen: 7.588 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:184 Resp: 41132

Ion	Ratio	Lower	Upper
184	100		
63	57.2	42.6	64.0
154	58.9	47.2	70.8



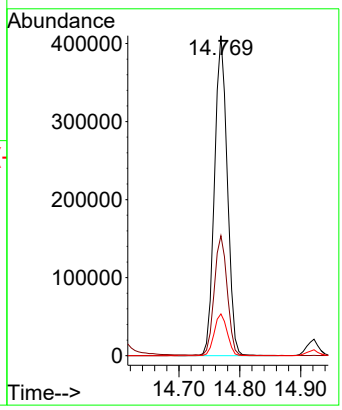


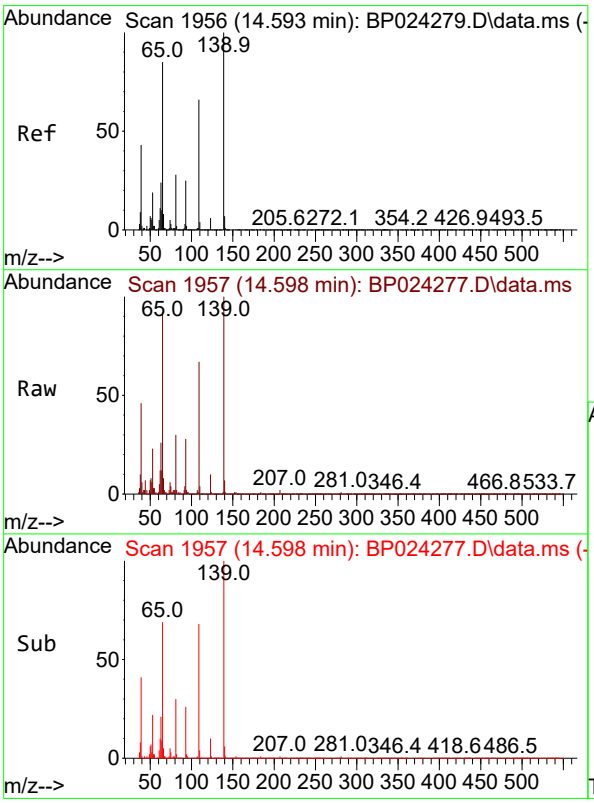
#55
Dibenzofuran
Concen: 10.013 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 594953

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.3	45.5
169	13.1	10.6	16.0

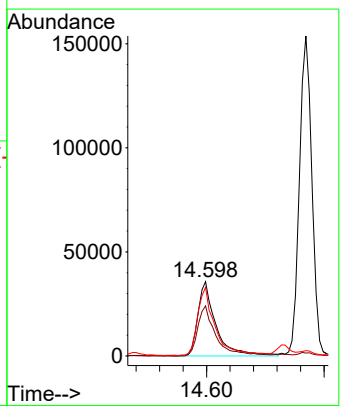


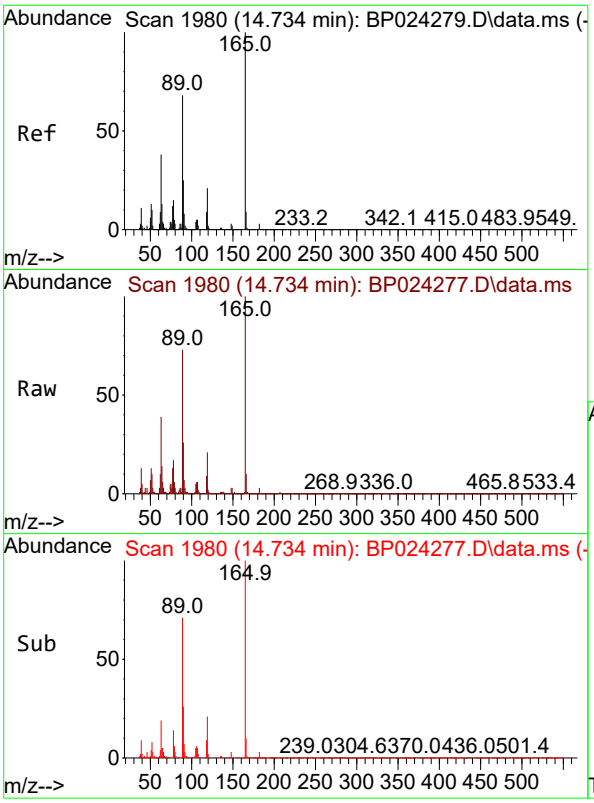


#56
4-Nitrophenol
Concen: 8.416 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:139 Resp: 75995

Ion	Ratio	Lower	Upper
139	100		
109	67.3	46.1	86.1
65	92.4	65.0	105.0



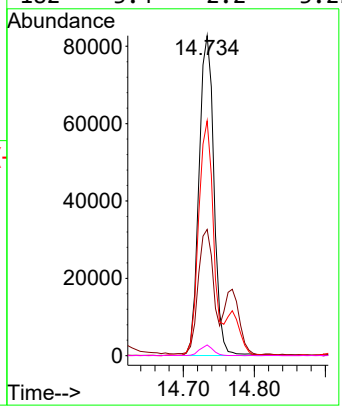


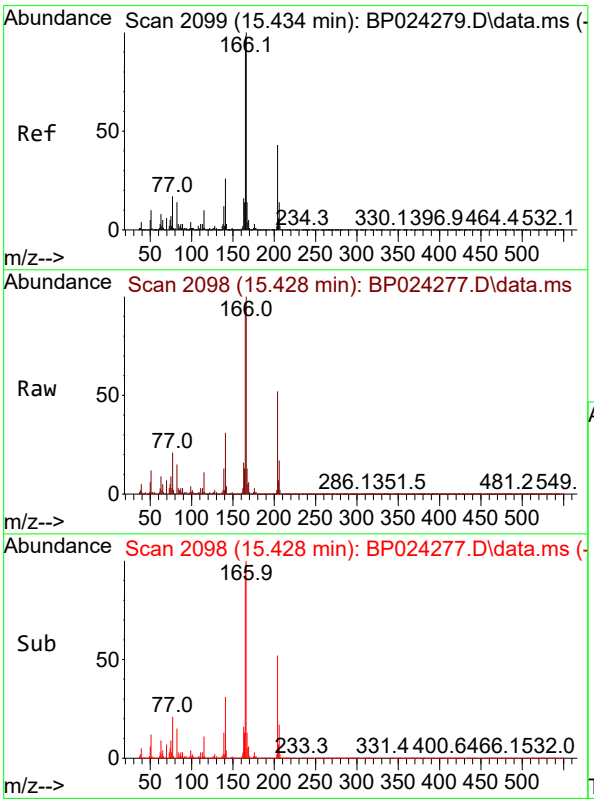
#57
2,4-Dinitrotoluene
Concen: 8.862 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 121276

Ion	Ratio	Lower	Upper
165	100		
63	39.5	30.4	45.6
89	73.4	54.6	82.0
182	3.4	2.2	3.2#

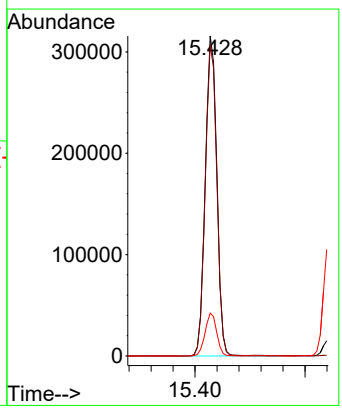


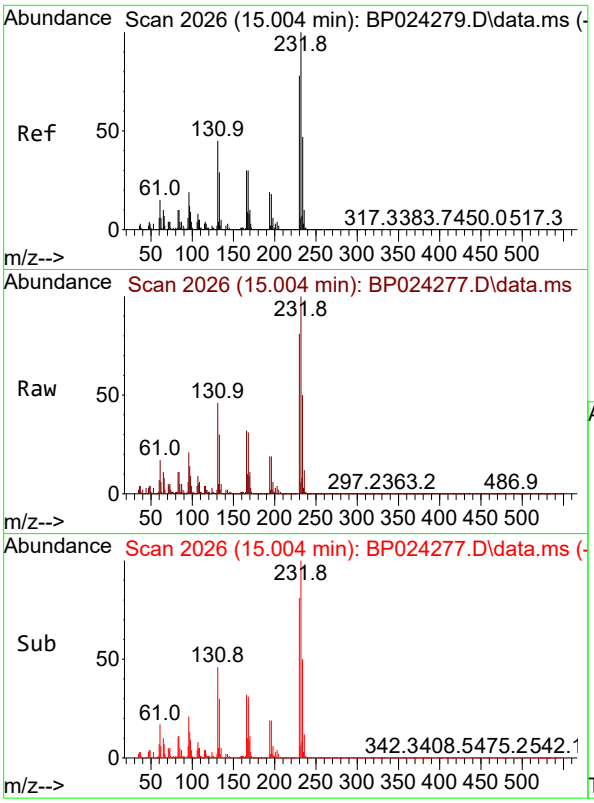


#58
Fluorene
Concen: 10.026 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:166 Resp: 459952

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



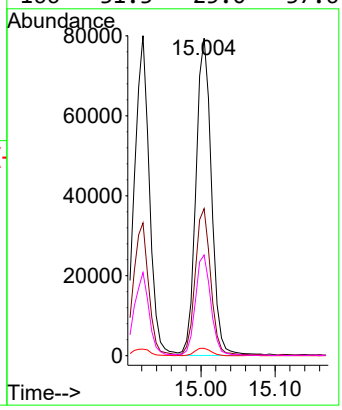


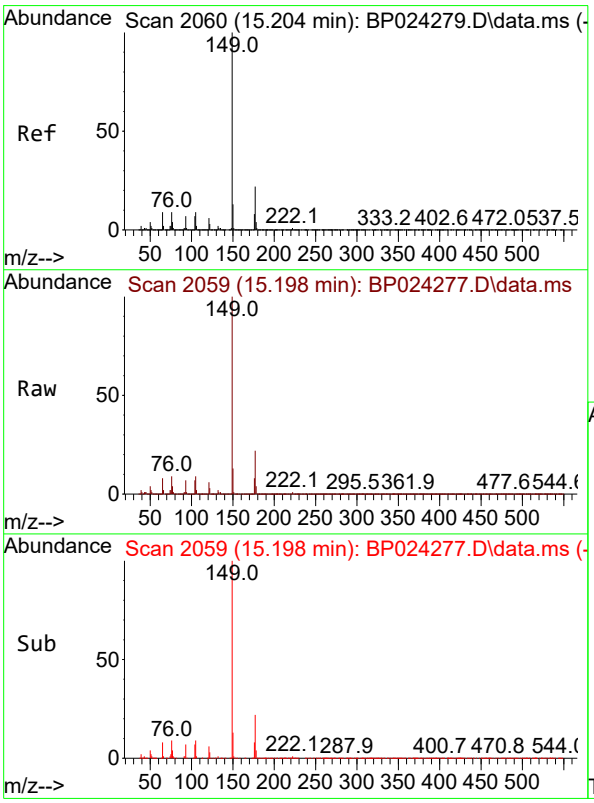
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.470 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 115645

Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.8	55.2
130	2.5	1.9	2.9
166	31.3	25.0	37.6

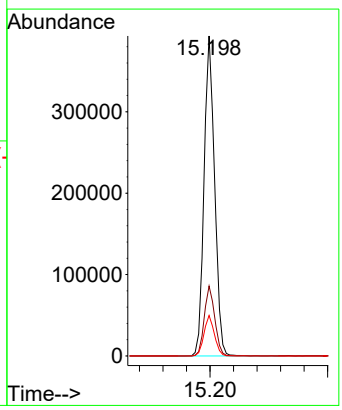


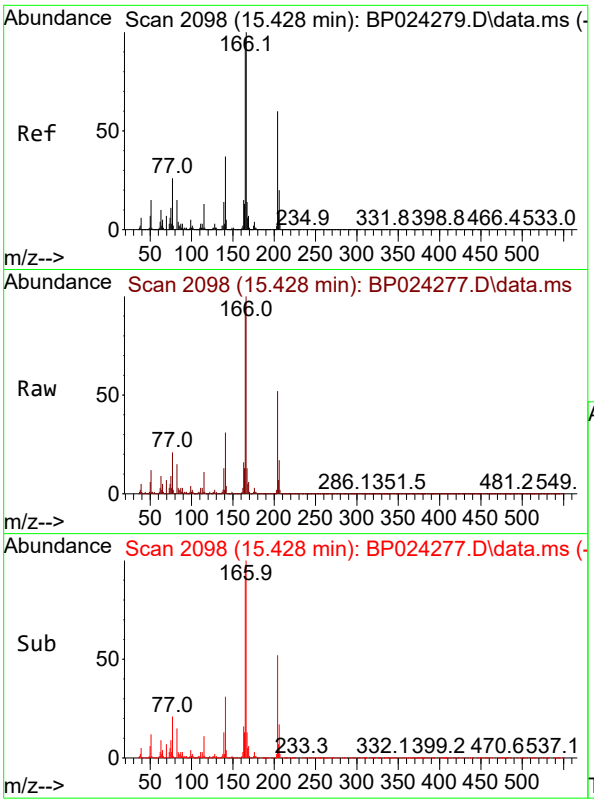


#60
Diethylphthalate
Concen: 9.884 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 488847

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	10.1	15.1



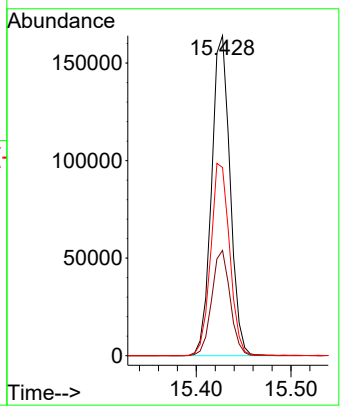


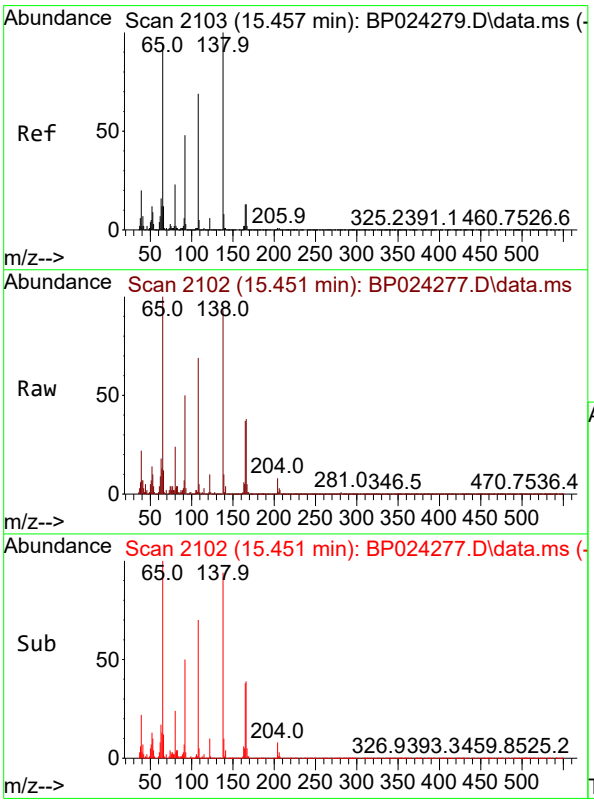
#61
4-Chlorophenyl-phenylether
Concen: 9.985 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 222437

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.8	49.4	74.0

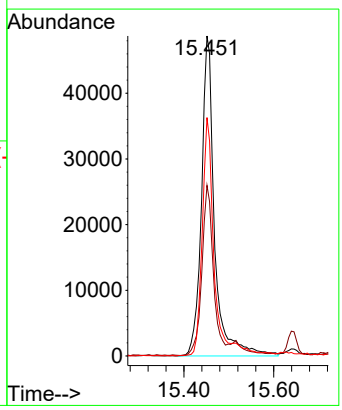


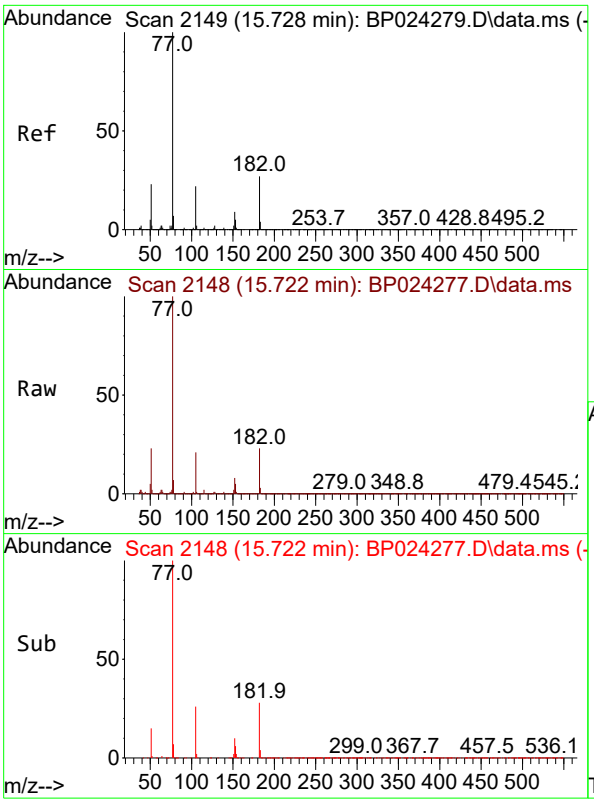


#62
4-Nitroaniline
Concen: 8.857 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:138 Resp: 98638

Ion	Ratio	Lower	Upper
138	100		
92	53.3	27.8	67.8
108	74.5	48.9	88.9



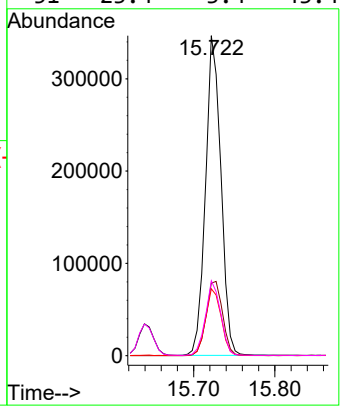


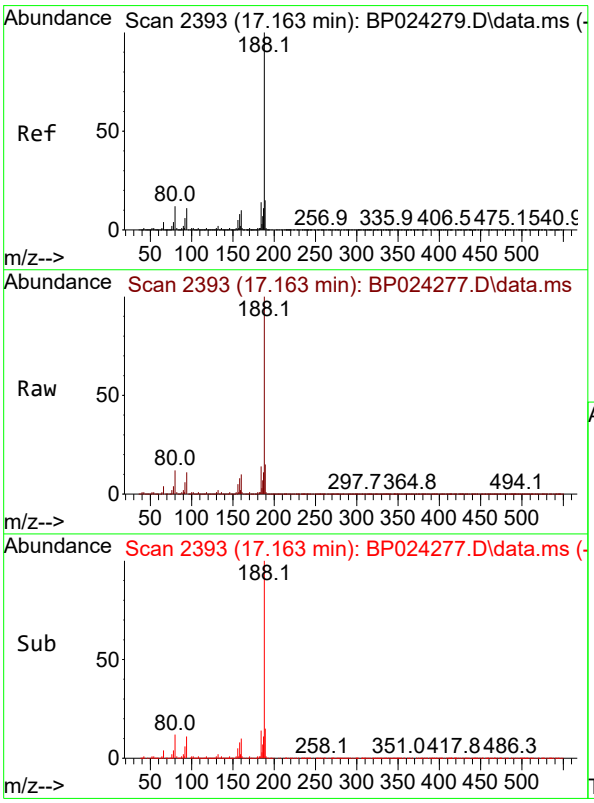
#63
Azobenzene
Concen: 9.999 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 455459

Ion	Ratio	Lower	Upper
77	100		
182	22.7	7.3	47.3
105	20.9	2.3	42.3
51	23.4	3.4	43.4

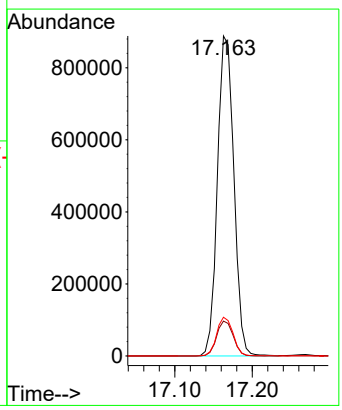


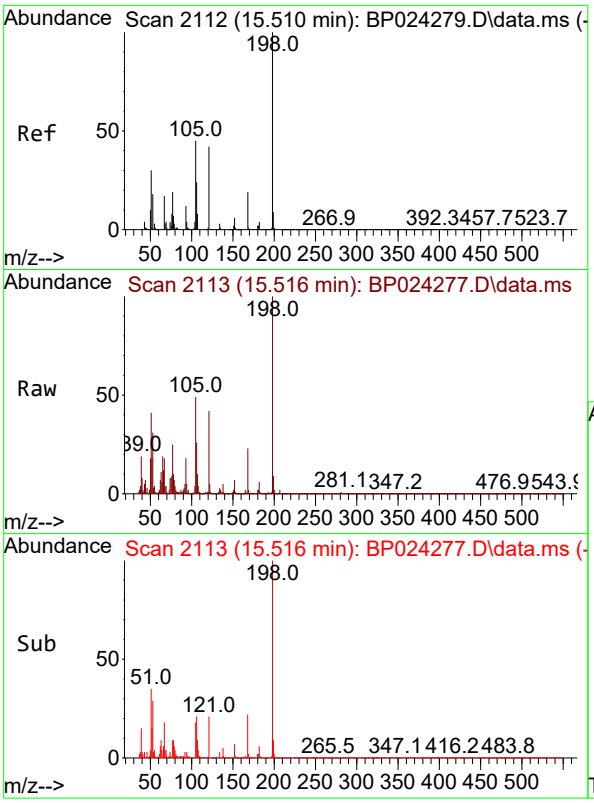


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:188 Resp: 1310701

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.6	13.0
80	12.1	9.8	14.6



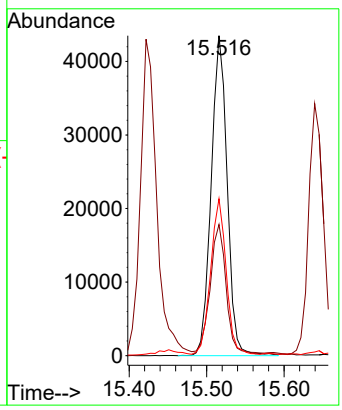


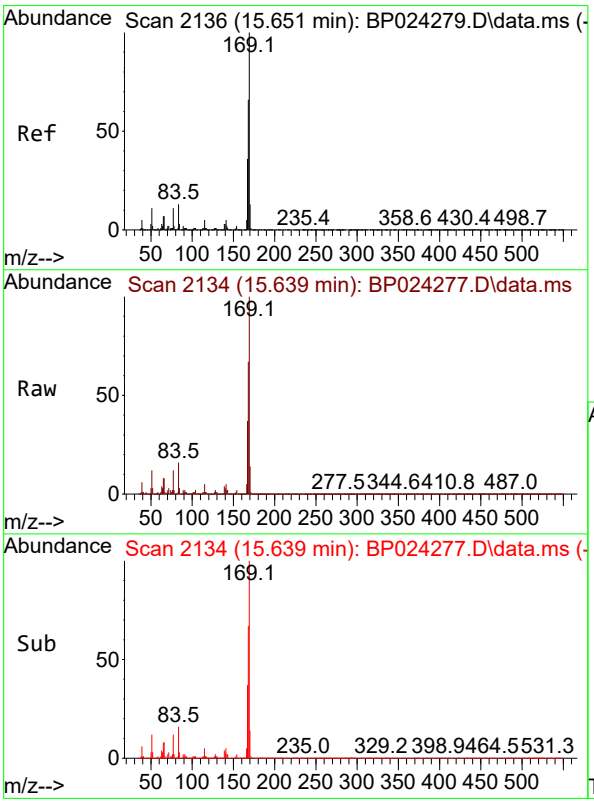
#65
4,6-Dinitro-2-methylphenol
Concen: 8.151 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 62421

Ion	Ratio	Lower	Upper
198	100		
51	41.0	18.4	58.4
105	49.0	26.5	66.5

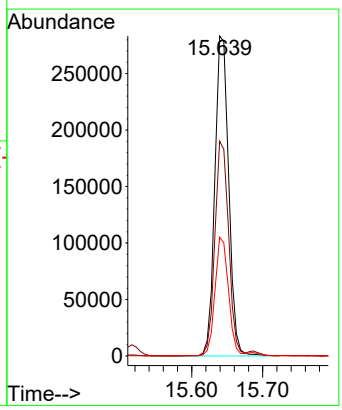


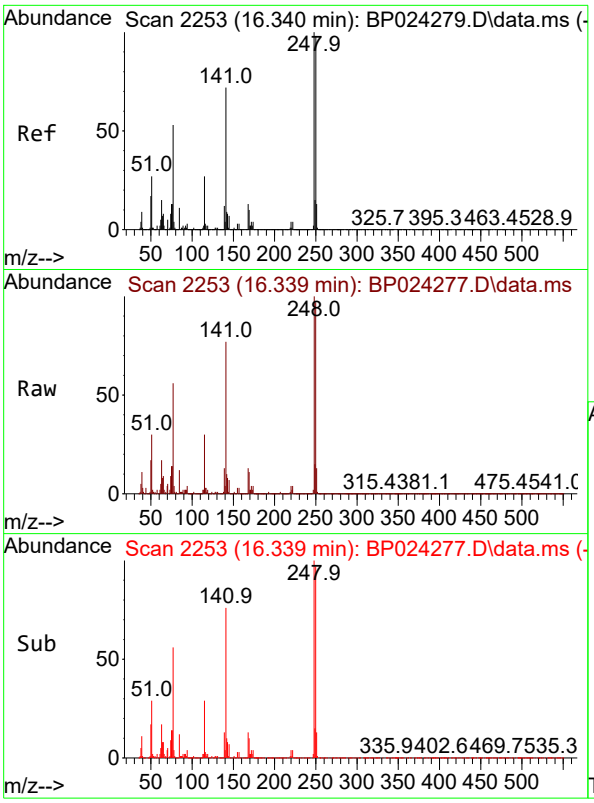


#66
n-Nitrosodiphenylamine
Concen: 9.759 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:169 Resp: 383558

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	37.1	28.9	43.3



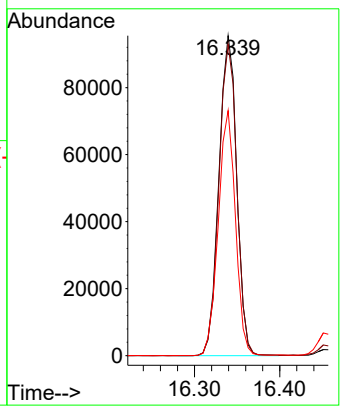


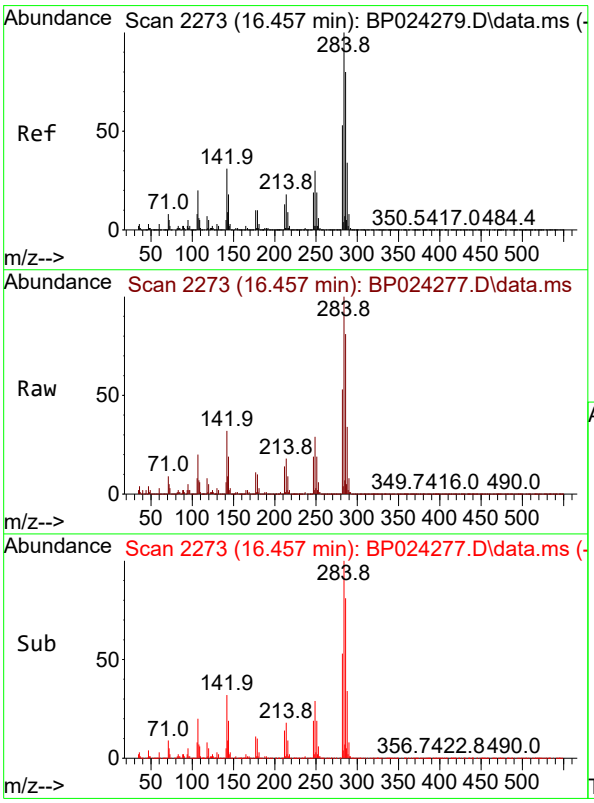
#67
4-Bromophenyl-phenylether
Concen: 9.703 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 138724

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.2	117.4
141	76.6	57.7	86.5

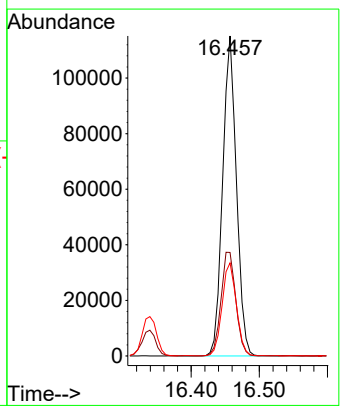


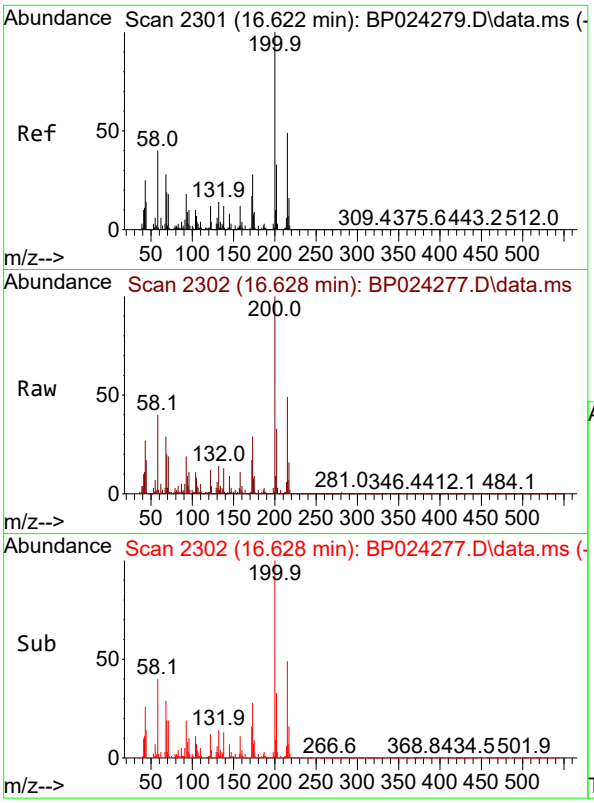


#68
Hexachlorobenzene
Concen: 9.528 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:284 Resp: 161944

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.1	23.8	35.6



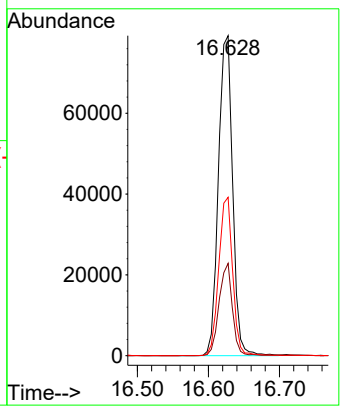


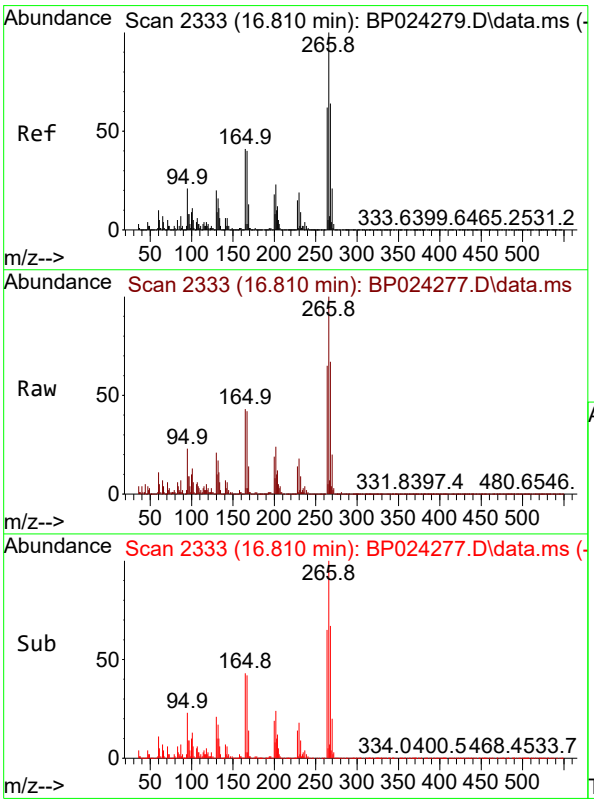
#69
Atrazine
Concen: 10.990 ng
RT: 16.628 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 109503

Ion	Ratio	Lower	Upper
200	100		
173	28.8	7.5	47.5
215	49.5	28.8	68.8

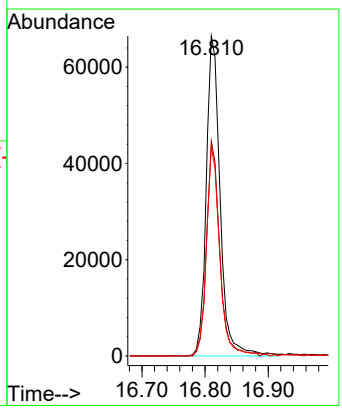


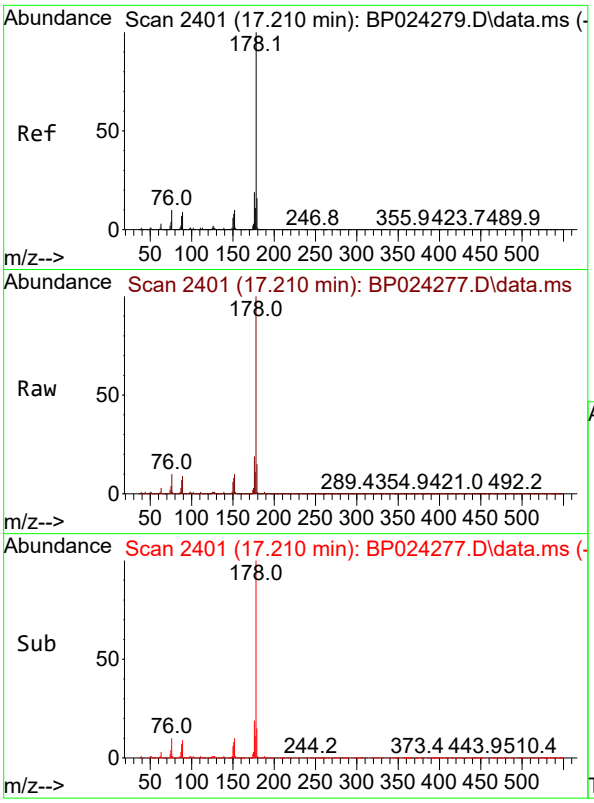


#70
Pentachlorophenol
Concen: 8.682 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:266 Resp: 101318

Ion	Ratio	Lower	Upper
266	100		
268	67.1	51.0	76.6
264	65.3	49.8	74.6



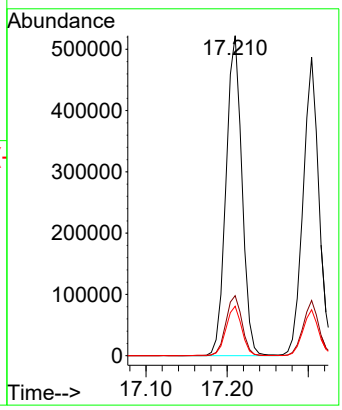


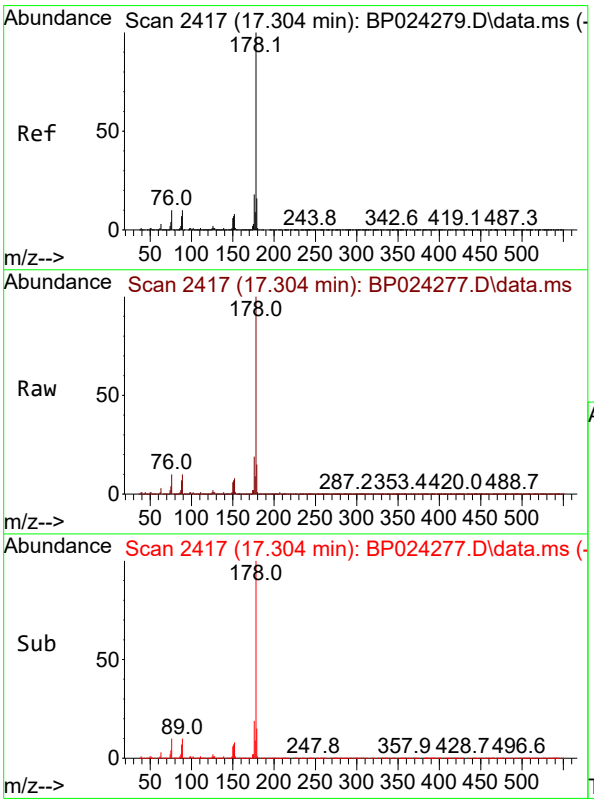
#71
Phenanthrene
Concen: 9.900 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 711407

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.5	12.5	18.7

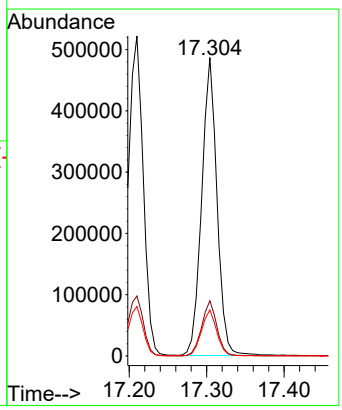


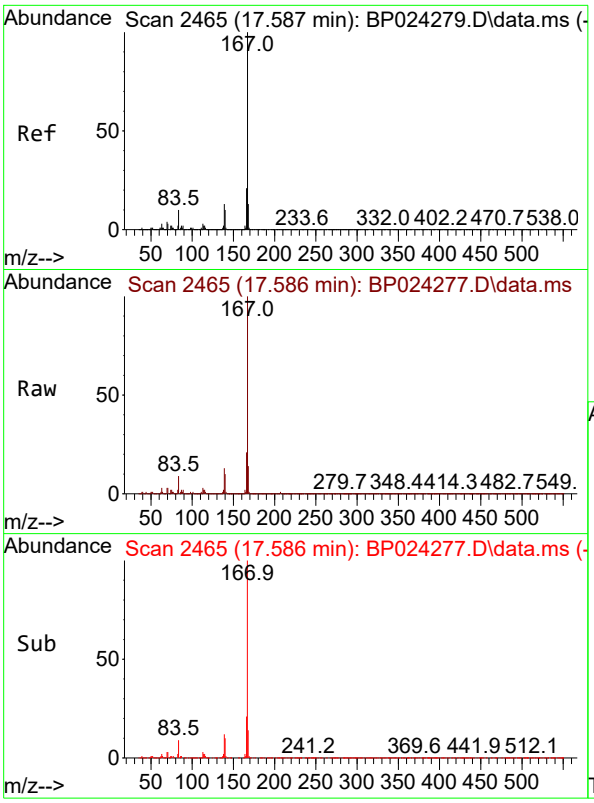


#72
Anthracene
Concen: 9.635 ng
RT: 17.304 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:178 Resp: 666269

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.4	12.4	18.6



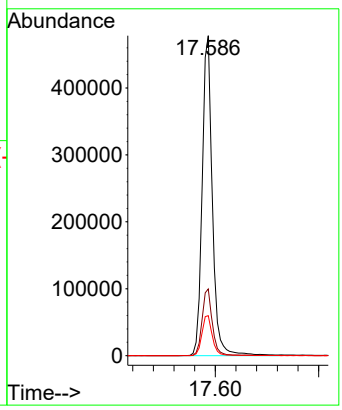


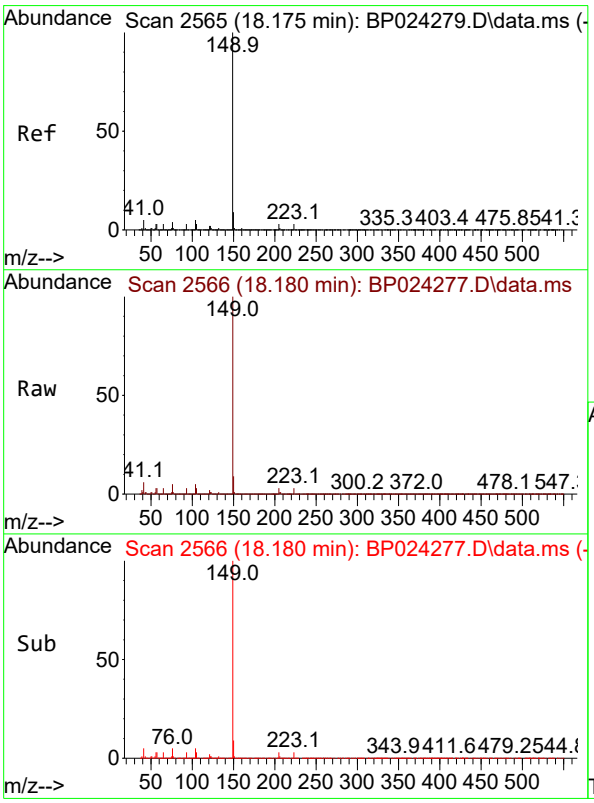
#73
Carbazole
Concen: 9.721 ng
RT: 17.586 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 654205

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.5	10.6	16.0

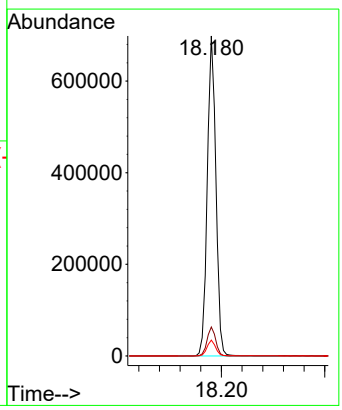


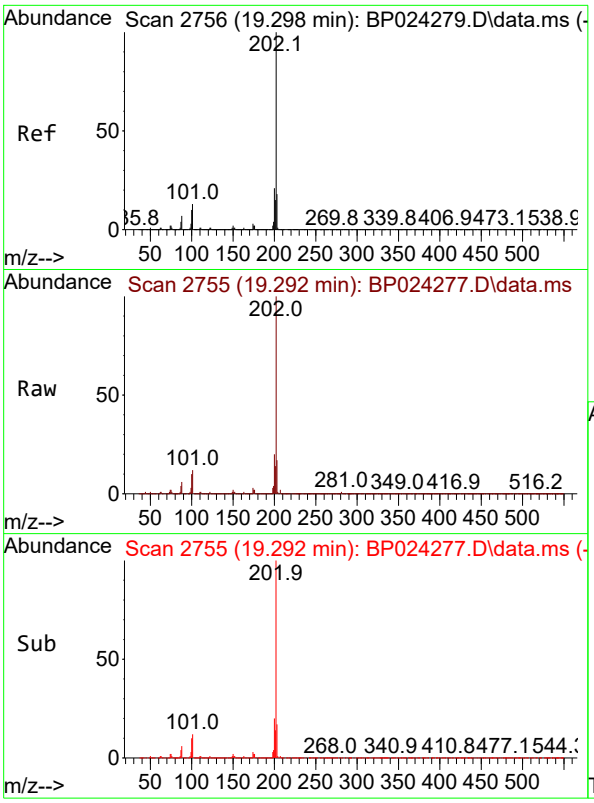


#74
Di-n-butylphthalate
Concen: 9.616 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 806280

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9



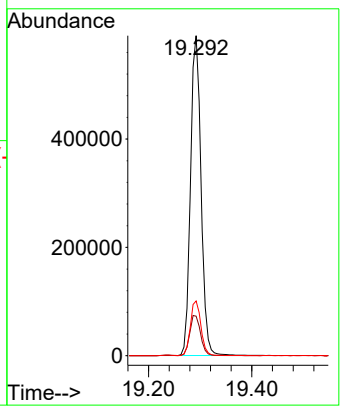


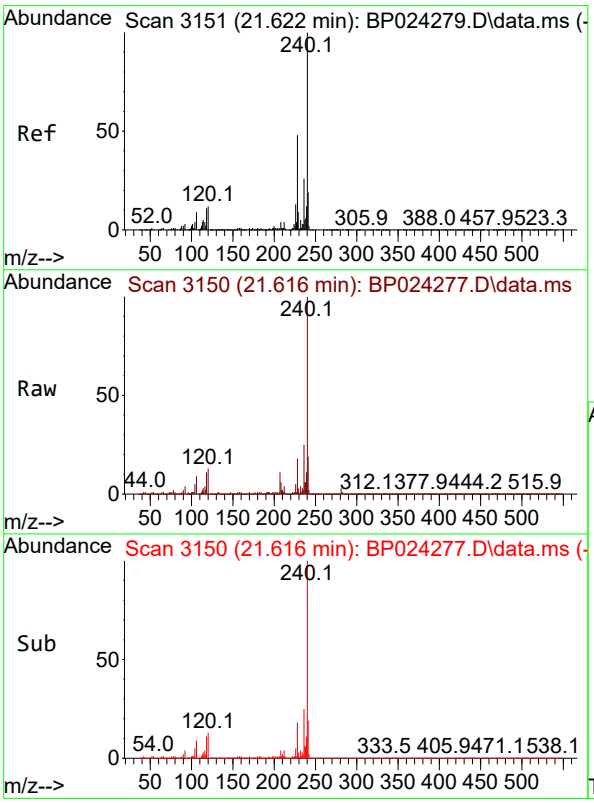
#75
Fluoranthene
Concen: 9.791 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 835153

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.1	0.0	37.7

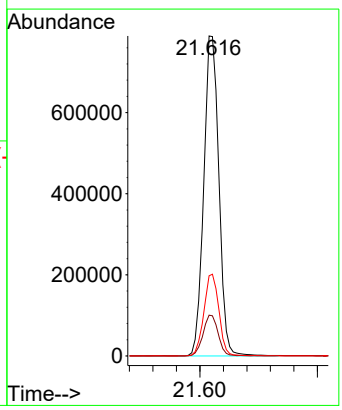


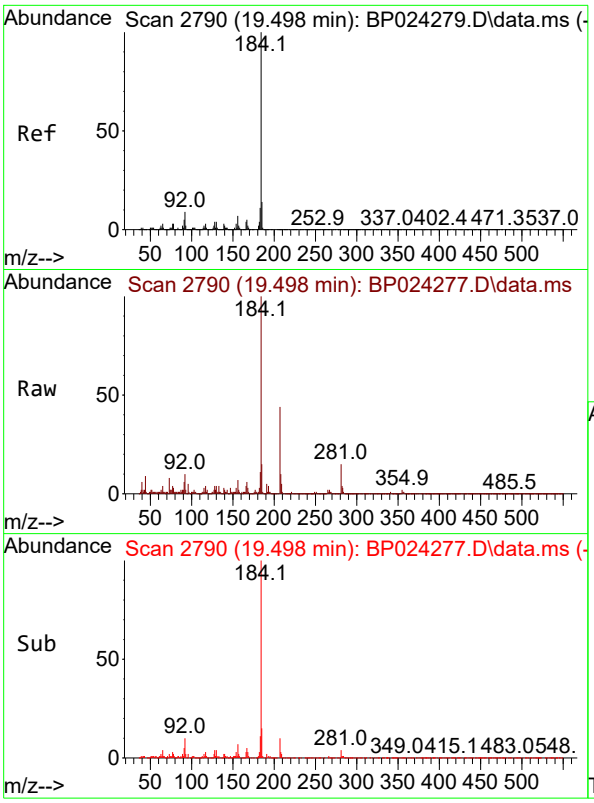


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:240 Resp: 1408913

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.0	20.9	31.3



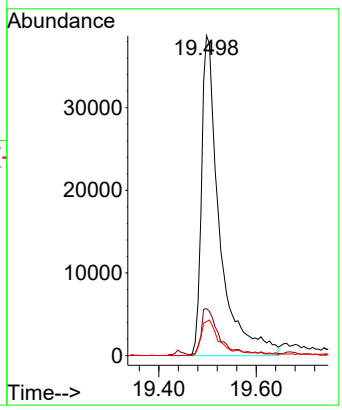


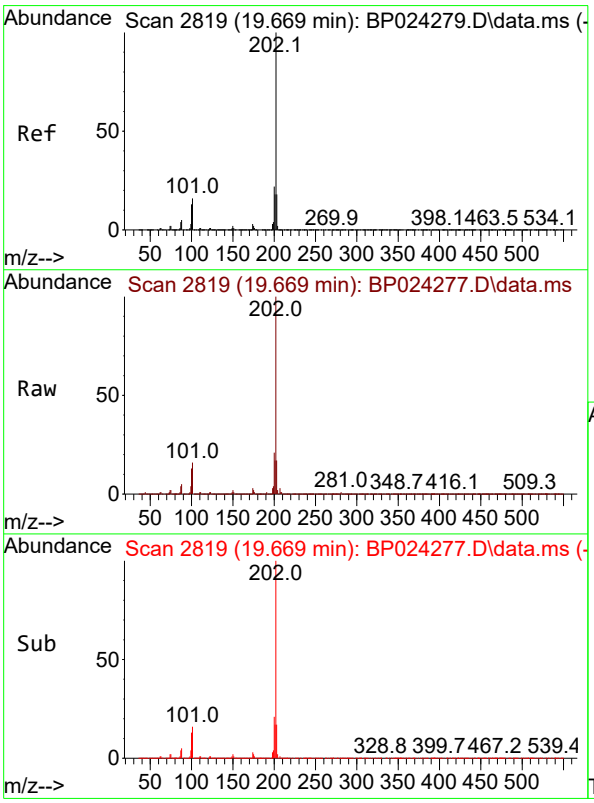
#77
Benzidine
Concen: 5.730 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 99659

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	10.6	9.2	13.8

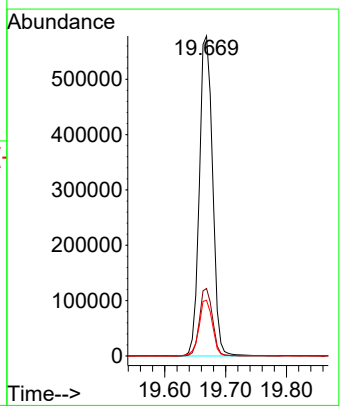


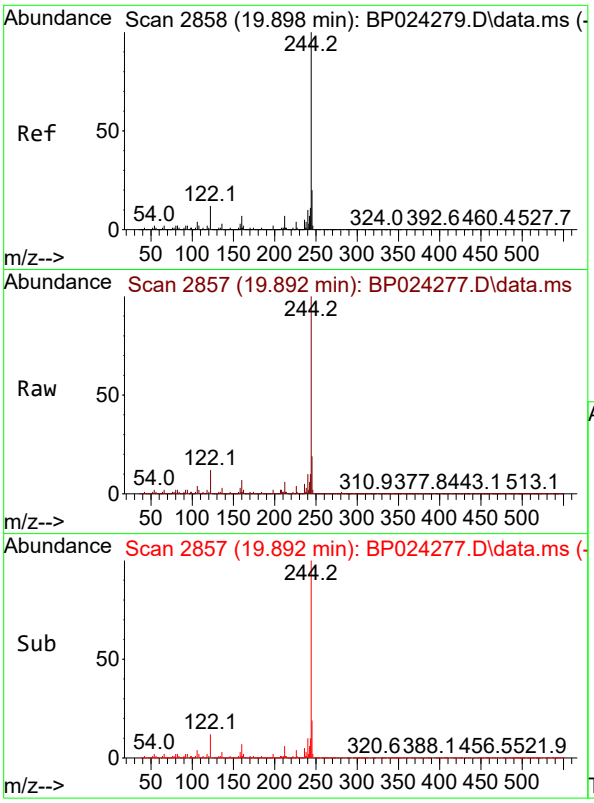


#78
Pyrene
Concen: 9.659 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:202 Resp: 870767

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.4	14.4	21.6



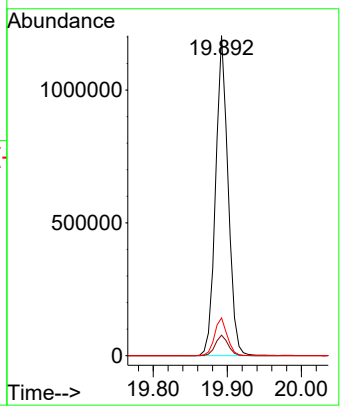


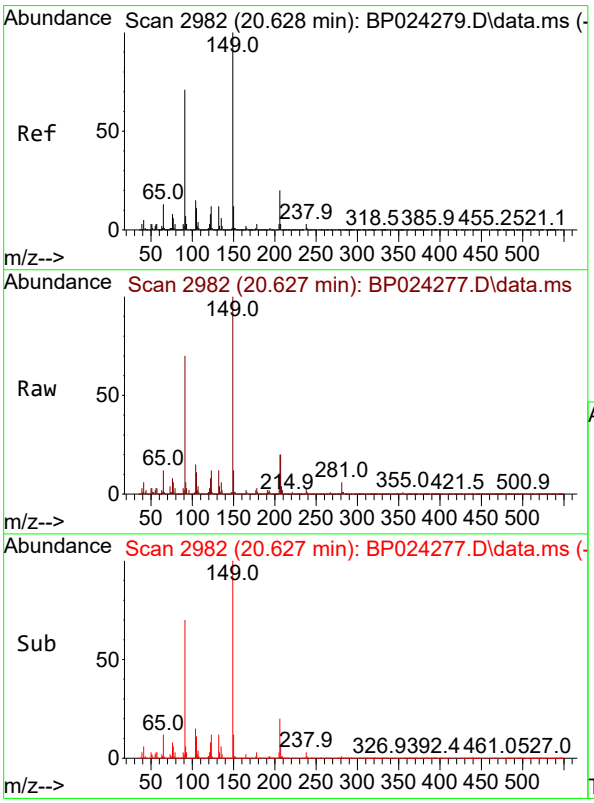
#79
Terphenyl-d14
Concen: 19.888 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 1405643

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	11.8	9.4	14.0

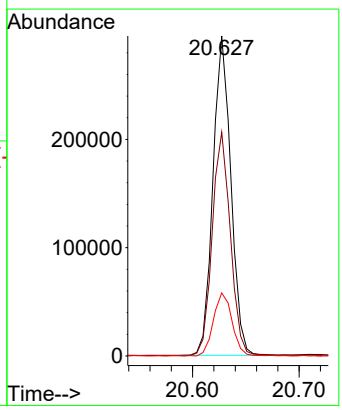


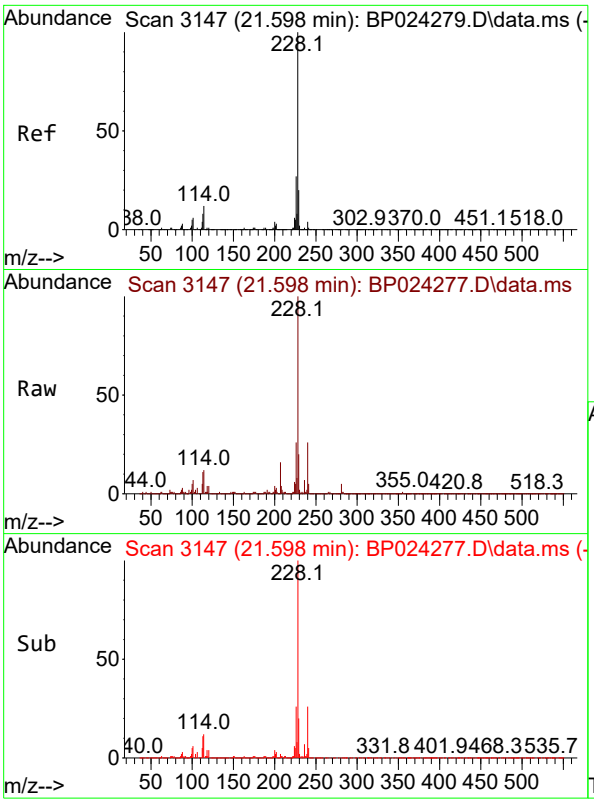


#80
Butylbenzylphthalate
Concen: 9.043 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 343670

Ion	Ratio	Lower	Upper
149	100		
91	69.9	56.4	84.6
206	19.7	16.3	24.5



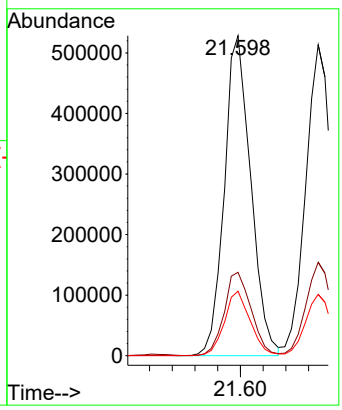


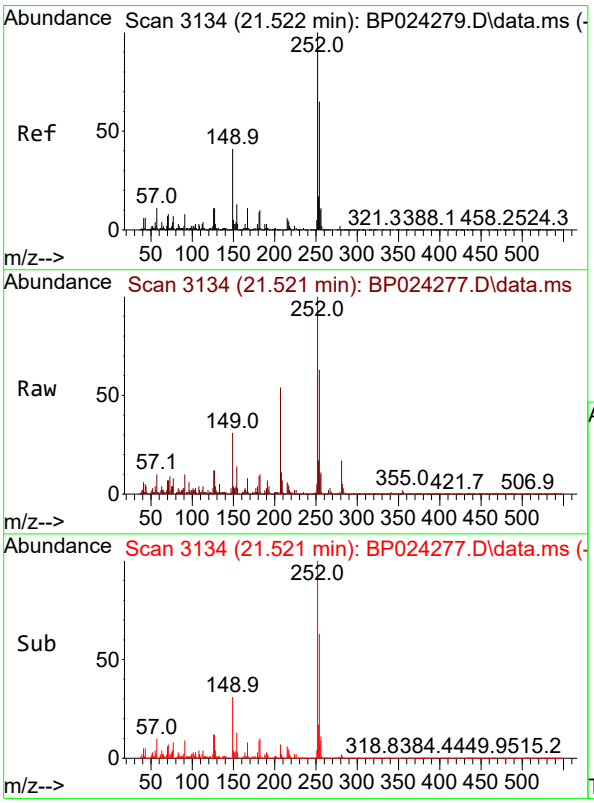
#81
Benzo(a)anthracene
Concen: 9.734 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 854983

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.8	32.8
229	20.2	15.9	23.9

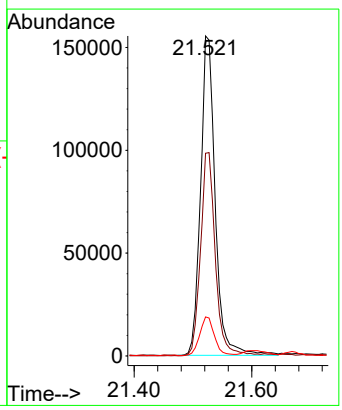


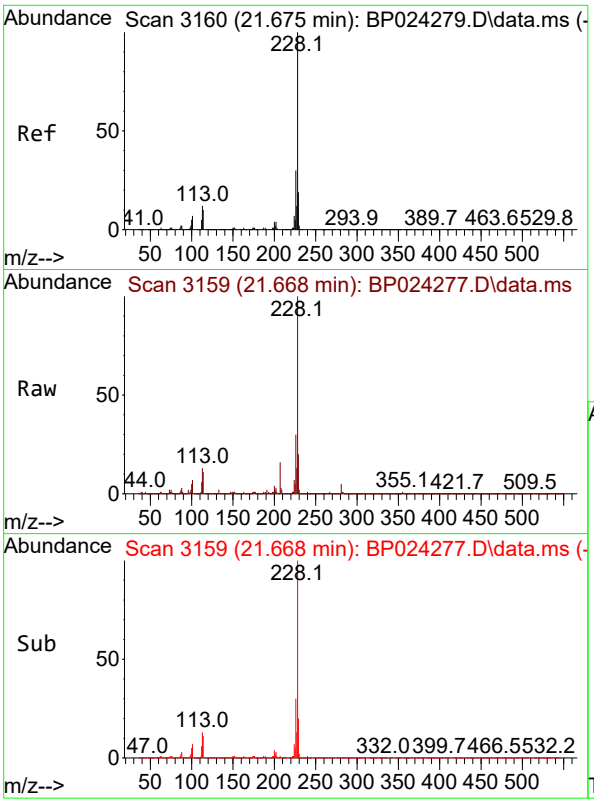


#82
3,3'-Dichlorobenzidine
Concen: 8.857 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 269772

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.7	77.5
126	12.2	8.8	13.2



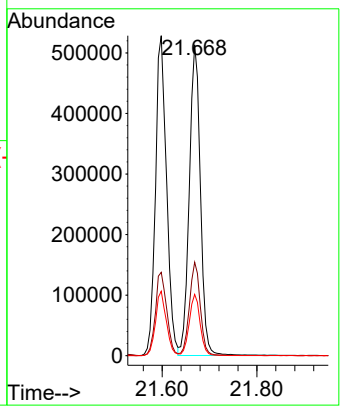


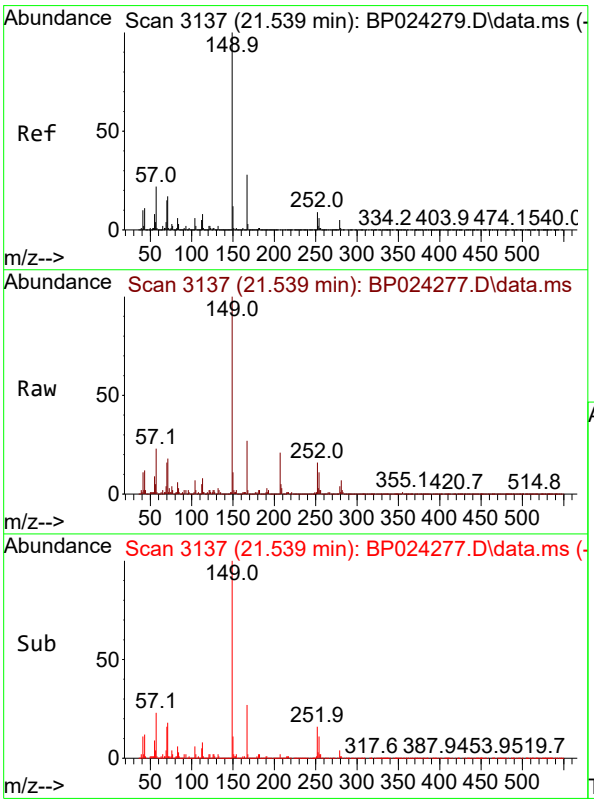
#83
Chrysene
Concen: 9.887 ng
RT: 21.668 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 832263

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.7	15.6	23.4

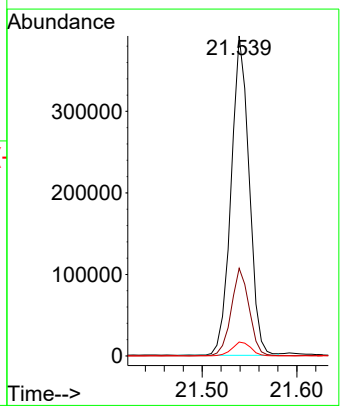


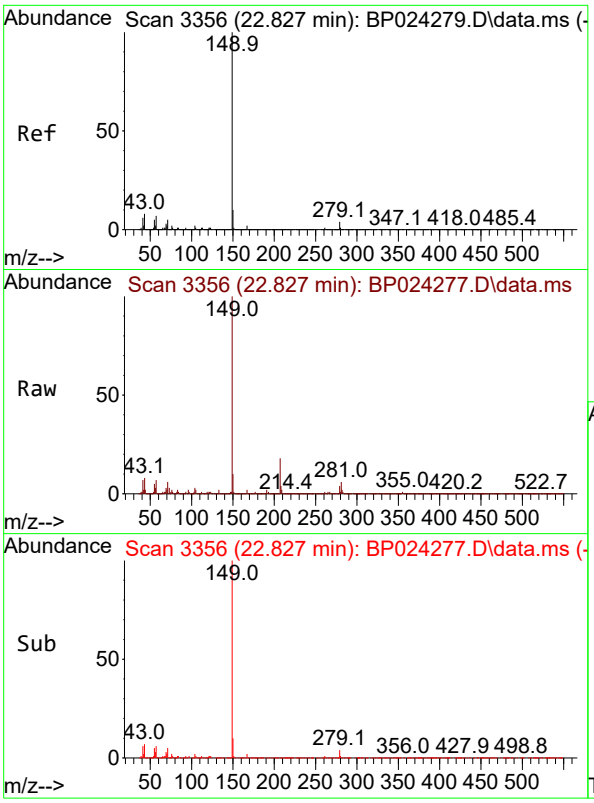


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.253 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:149 Resp: 517894

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	4.4	4.0	6.0



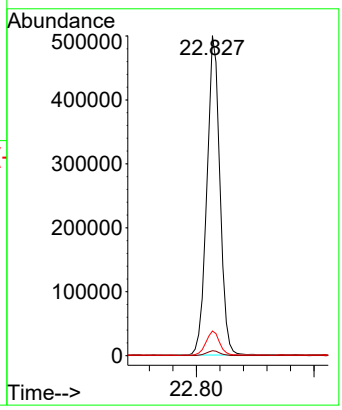


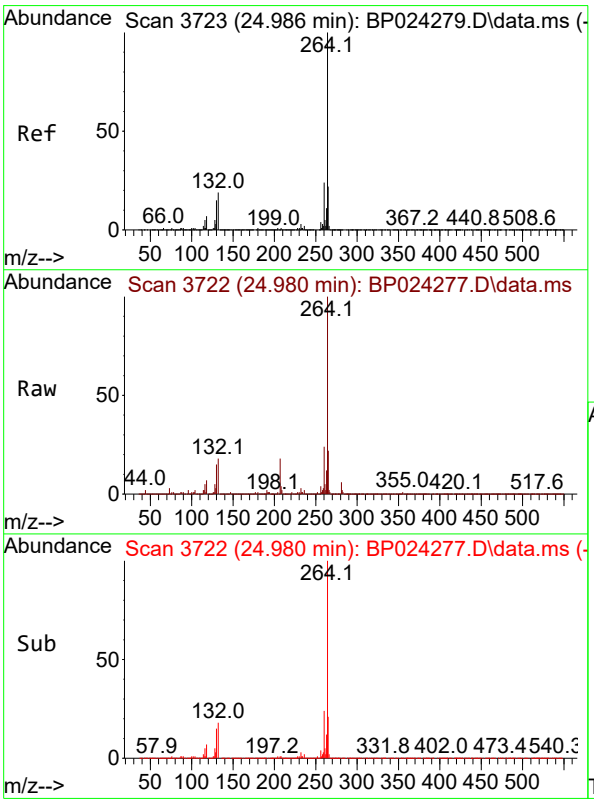
#85
Di-n-octyl phthalate
Concen: 8.584 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 769654

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.9	6.0	9.0

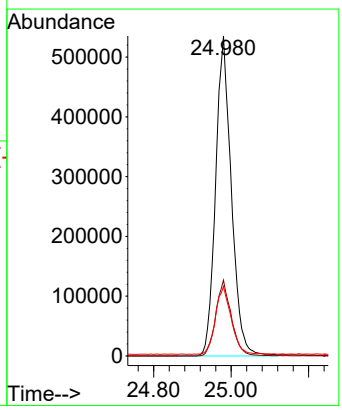


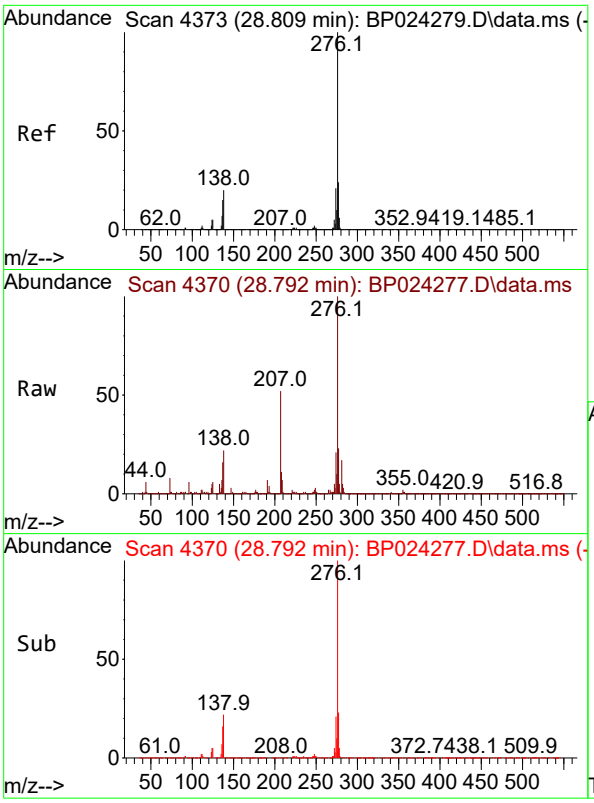


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3722
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:264 Resp: 1508235

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.8	17.8	26.6



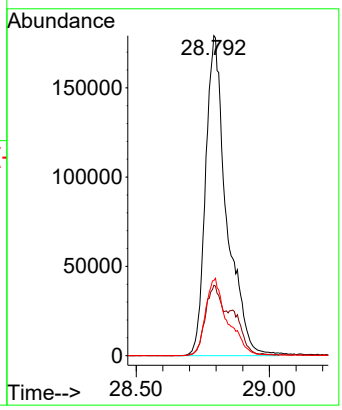


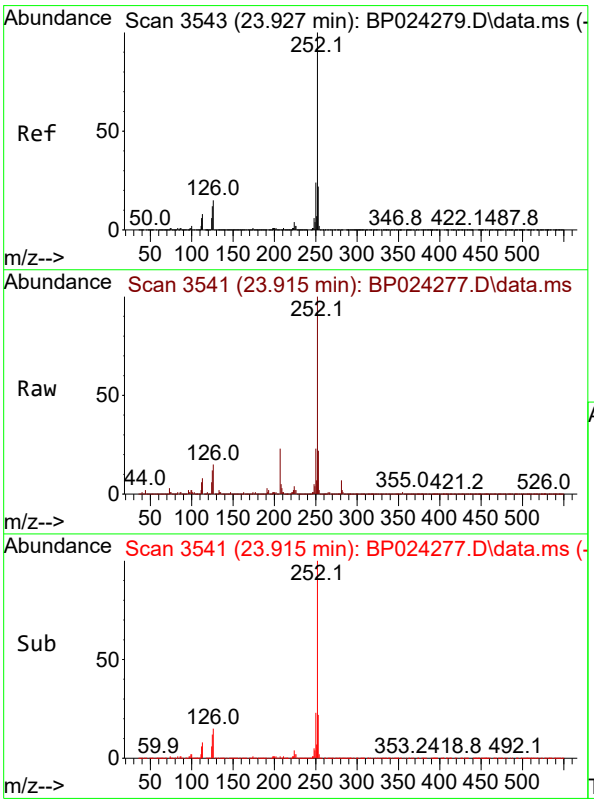
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.480 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 983323

Ion	Ratio	Lower	Upper
276	100		
138	19.2	14.5	21.7
277	25.4	20.2	30.2

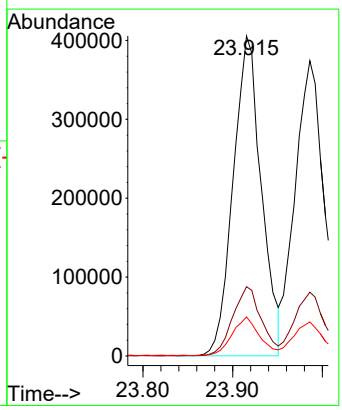


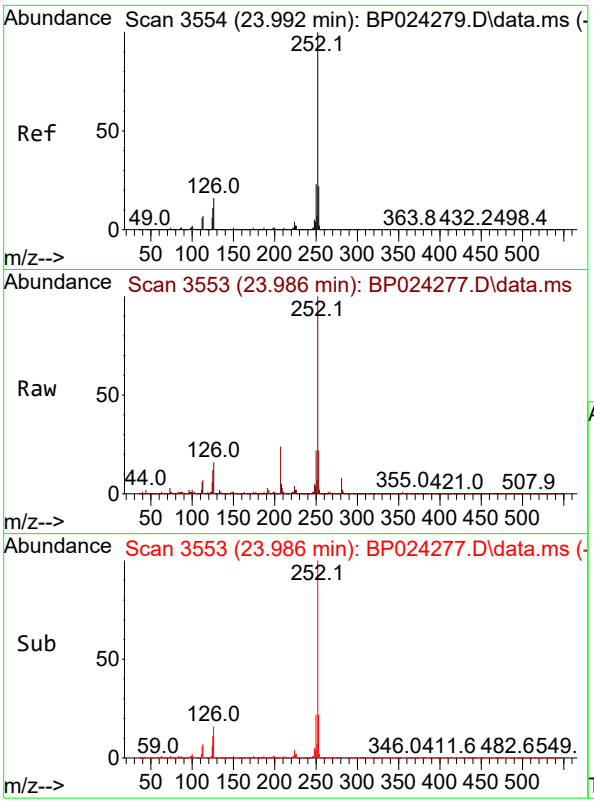


#88
Benzo(b)fluoranthene
Concen: 9.810 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 885212

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.2	9.4	14.0



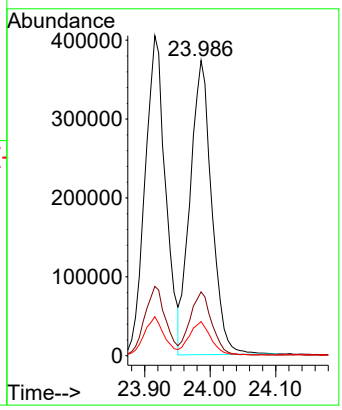


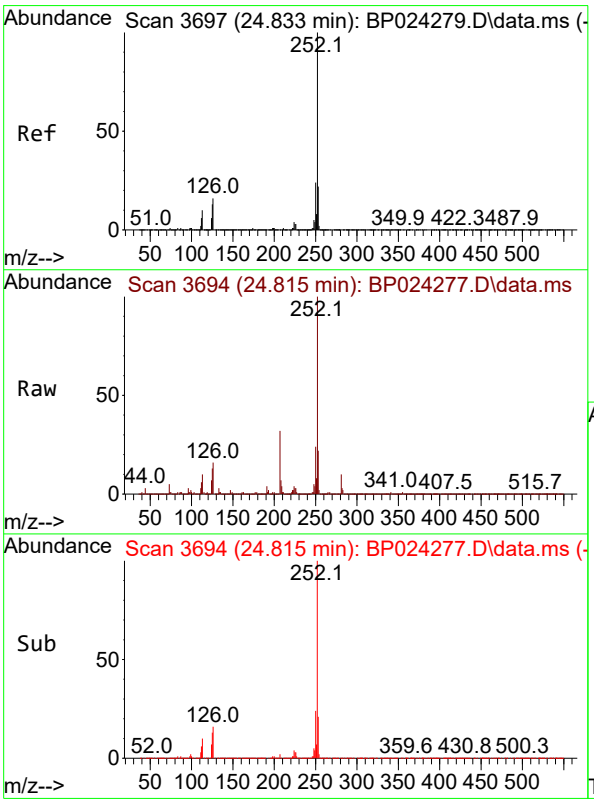
#89
Benzo(k)fluoranthene
Concen: 9.735 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 852606

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.5	9.1	13.7

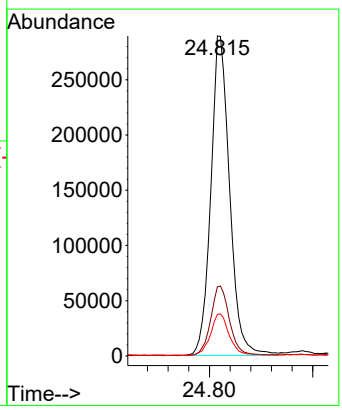


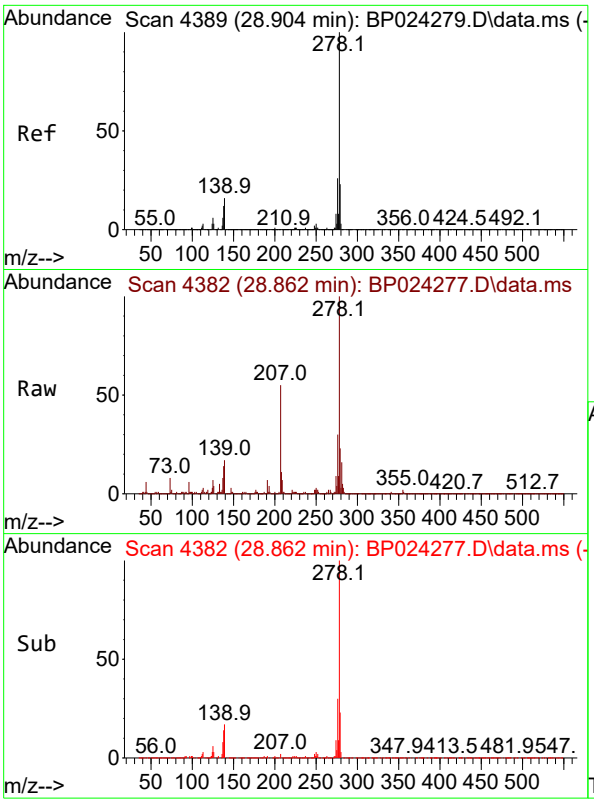


#90
Benzo(a)pyrene
Concen: 9.426 ng
RT: 24.815 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:252 Resp: 732209

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	13.0	10.1	15.1



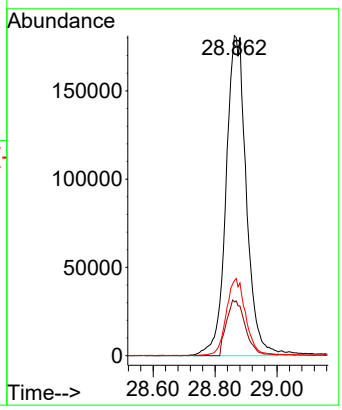


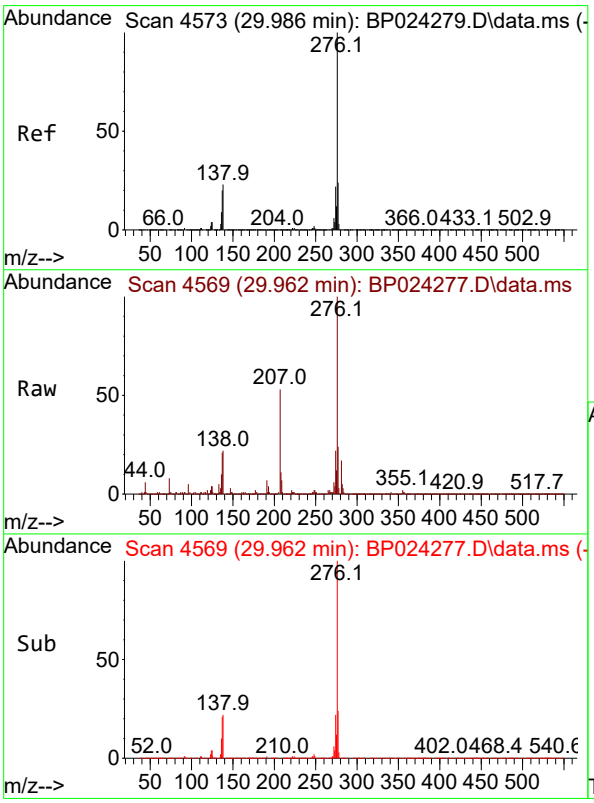
#91
Dibenzo(a,h)anthracene
Concen: 9.517 ng
RT: 28.862 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 821160

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	23.4	18.5	27.7

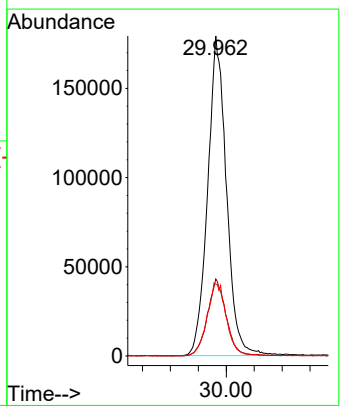




#92
Benzo(g,h,i)perylene
Concen: 9.530 ng
RT: 29.962 min Scan# 4569
Delta R.T. -0.024 min
Lab File: BP024277.D
Acq: 14 Apr 2025 12:27

Tgt Ion:276 Resp: 836993

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.5	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	251998	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1081087	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	688775	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1378480	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1415765	20.000	ng	0.00
86) Perylene-d12	24.986	264	1549781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	636245	41.668	ng	0.00
7) Phenol-d6	6.911	99	866004	41.458	ng	0.00
23) Nitrobenzene-d5	8.875	82	794485	41.839	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	383088	40.617	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	1871534	41.254	ng	0.00
79) Terphenyl-d14	19.898	244	2987245	42.062	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	139222	21.358	ng	99
3) Pyridine	3.693	79	358370	21.120	ng	99
4) n-Nitrosodimethylamine	3.599	42	118077	20.869	ng	98
6) Aniline	7.069	93	412168	21.857	ng	99
8) 2-Chlorophenol	7.305	128	355815	20.852	ng	99
9) Benzaldehyde	6.881	77	237371	21.940	ng	100
10) Phenol	6.940	94	433531	20.670	ng	98
11) bis(2-Chloroethyl)ether	7.164	93	352530	20.800	ng	100
12) 1,3-Dichlorobenzene	7.622	146	386470	20.903	ng	100
13) 1,4-Dichlorobenzene	7.763	146	390483	20.828	ng	100
14) 1,2-Dichlorobenzene	8.081	146	378518	20.880	ng	99
15) Benzyl Alcohol	7.969	79	278608	20.809	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	382308	20.734	ng	99
17) 2-Methylphenol	8.175	107	283057	20.942	ng	99
18) Hexachloroethane	8.805	117	140558	20.773	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	274118	21.127	ng	100
20) 3+4-Methylphenols	8.499	107	393131	20.999	ng	99
22) Acetophenone	8.546	105	563994	20.991	ng	99
24) Nitrobenzene	8.916	77	390911	20.770	ng	98
25) Isophorone	9.446	82	705771	20.588	ng	98
26) 2-Nitrophenol	9.628	139	185740	20.553	ng	99
27) 2,4-Dimethylphenol	9.687	122	236436	20.643	ng	98
28) bis(2-Chloroethoxy)met...	9.916	93	480036	20.575	ng	100
29) 2,4-Dichlorophenol	10.163	162	320579	20.536	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	343641	20.348	ng	99
31) Naphthalene	10.557	128	1179848	20.618	ng	100
32) Benzoic acid	9.805	122	244213m	19.731	ng	
33) 4-Chloroaniline	10.669	127	420086	21.010	ng	100
34) Hexachlorobutadiene	10.846	225	200785	20.267	ng	99
35) Caprolactam	11.446	113	119912	20.922	ng	98
36) 4-Chloro-3-methylphenol	11.799	107	377768	20.767	ng	99
37) 2-Methylnaphthalene	12.169	142	816314	20.583	ng	100
38) 1-Methylnaphthalene	12.387	142	796550	20.503	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	391241	20.669	ng	100
41) Hexachlorocyclopentadiene	12.522	237	135654	20.414	ng	97
43) 2,4,6-Trichlorophenol	12.787	196	254189	20.410	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

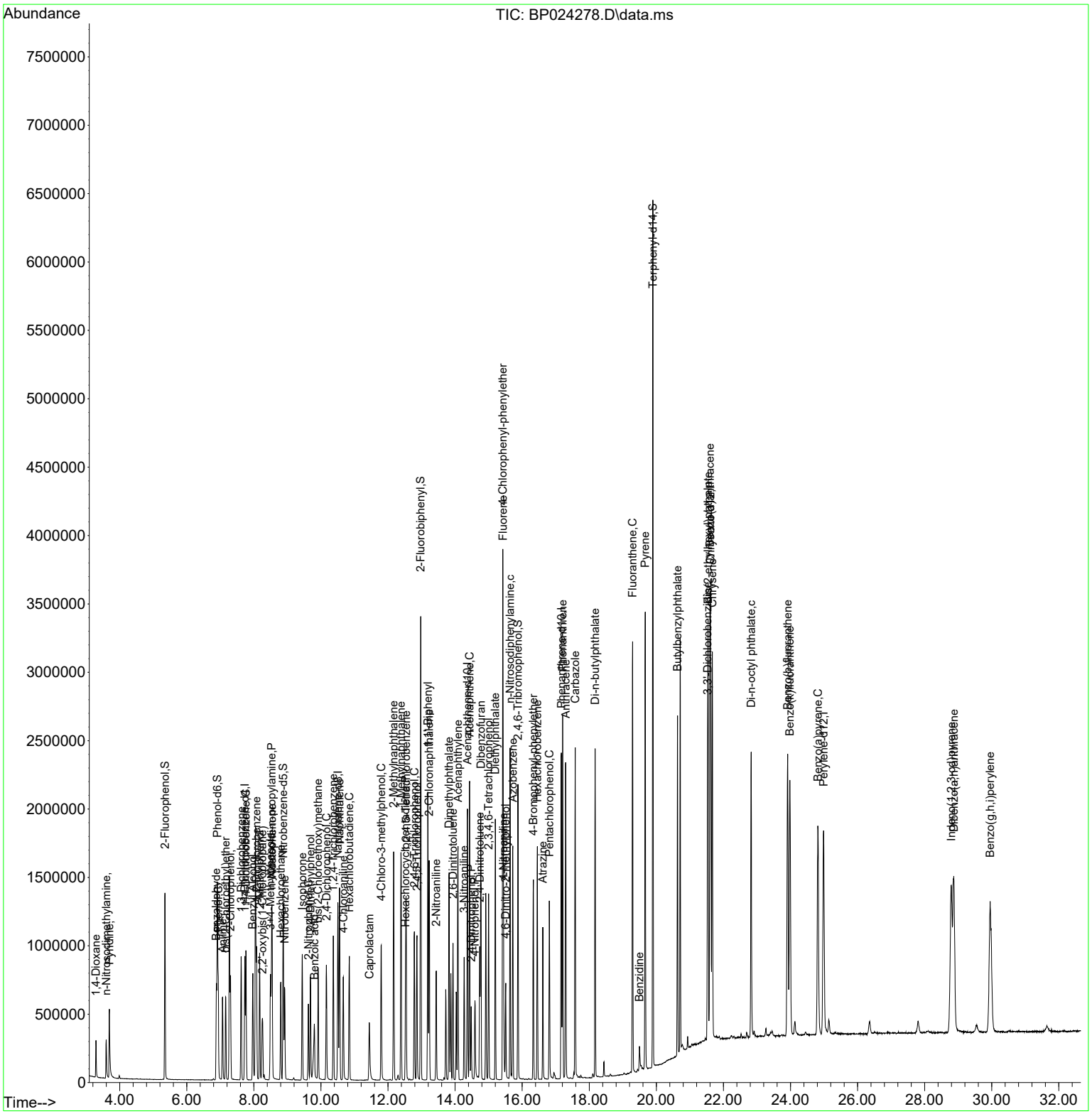
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	281887	20.424	ng	99
46) 1,1'-Biphenyl	13.187	154	1052618	20.694	ng	100
47) 2-Chloronaphthalene	13.228	162	782040	20.603	ng	99
48) 2-Nitroaniline	13.440	65	218194	20.811	ng	99
49) Acenaphthylene	14.087	152	1234728	20.726	ng	99
50) Dimethylphthalate	13.822	163	1029599	20.489	ng	100
51) 2,6-Dinitrotoluene	13.940	165	219492	20.731	ng	98
52) Acenaphthene	14.434	154	785789	20.741	ng	99
53) 3-Nitroaniline	14.269	138	233006	21.212	ng	99
54) 2,4-Dinitrophenol	14.481	184	112157	19.785	ng	94
55) Dibenzofuran	14.769	168	1288363	20.735	ng	99
56) 4-Nitrophenol	14.593	139	199315	21.109	ng	99
57) 2,4-Dinitrotoluene	14.734	165	302332	21.126	ng	98
58) Fluorene	15.428	166	1001515	20.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	262077	20.523	ng	99
60) Diethylphthalate	15.198	149	1052183	20.344	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	481631	20.675	ng	98
62) 4-Nitroaniline	15.445	138	243257	20.888	ng	96
63) Azobenzene	15.722	77	995912	20.907	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	162501	20.176	ng	98
66) n-Nitrosodiphenylamine	15.640	169	849476	20.552	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	302601	20.125	ng	99
68) Hexachlorobenzene	16.451	284	358889	20.077	ng	100
69) Atrazine	16.616	200	184151	17.573	ng	98
70) Pentachlorophenol	16.810	266	241815	19.702	ng	98
71) Phenanthrene	17.210	178	1540112	20.378	ng	100
72) Anthracene	17.298	178	1494006	20.543	ng	99
73) Carbazole	17.581	167	1461729	20.653	ng	100
74) Di-n-butylphthalate	18.175	149	1727074	19.585	ng	100
75) Fluoranthene	19.292	202	1813662	20.218	ng	99
77) Benzidine	19.498	184	154964	8.867	ng	99
78) Pyrene	19.669	202	1904884	21.028	ng	99
80) Butylbenzylphthalate	20.633	149	772776	20.235	ng	96
81) Benzo(a)anthracene	21.598	228	1829798	20.732	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	610749	19.956	ng	99
83) Chrysene	21.669	228	1739548	20.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	1103263	19.616	ng	99
85) Di-n-octyl phthalate	22.827	149	1730436	19.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	2180177	20.454	ng	99
88) Benzo(b)fluoranthene	23.916	252	1885654	20.337	ng	99
89) Benzo(k)fluoranthene	23.980	252	1885747	20.955	ng	99
90) Benzo(a)pyrene	24.816	252	1637648	20.518	ng	98
91) Dibenzo(a,h)anthracene	28.868	278	1815743	20.480	ng	98
92) Benzo(g,h,i)perylene	29.951	276	1856380	20.571	ng	99

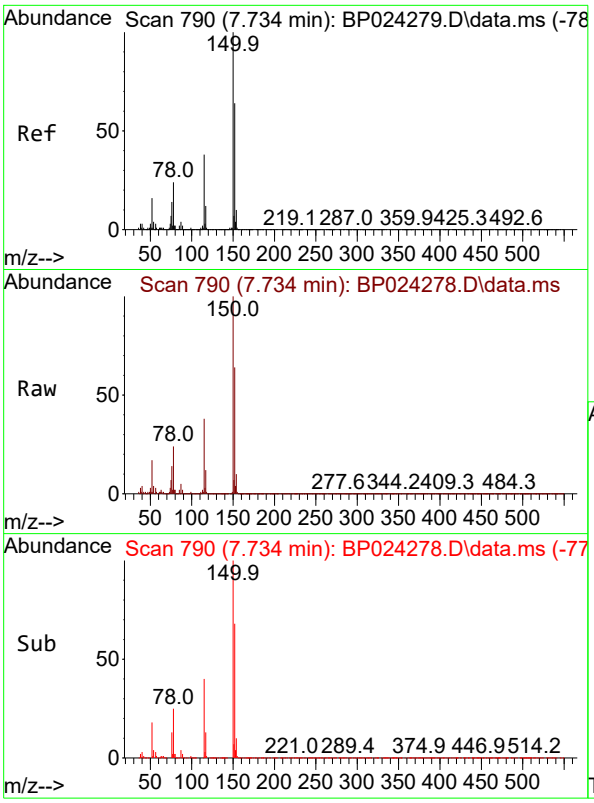
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024278.D
Acq On : 14 Apr 2025 13:08
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Apr 14 17:26:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



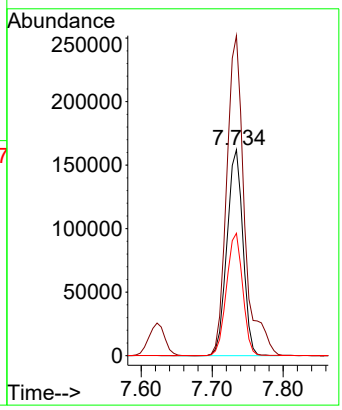


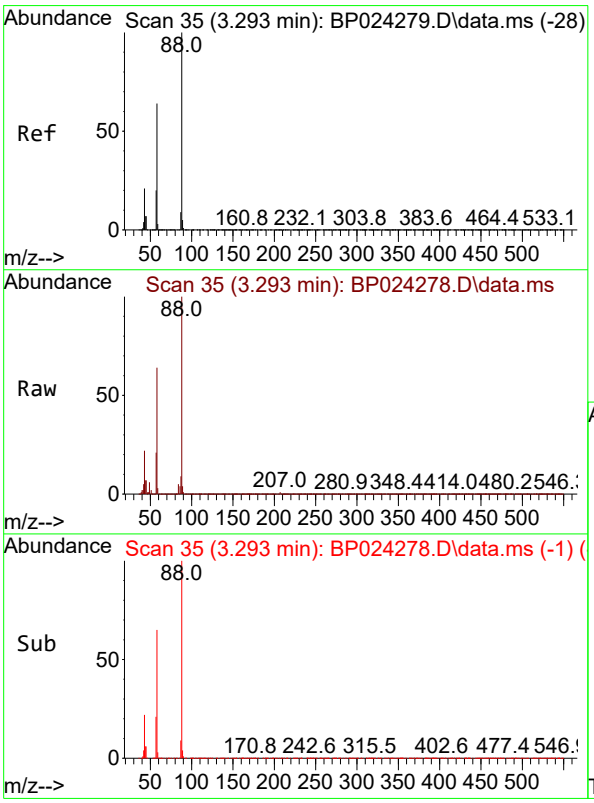
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 251998

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	59.4	47.7	71.5

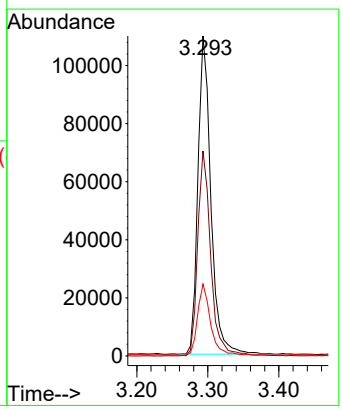


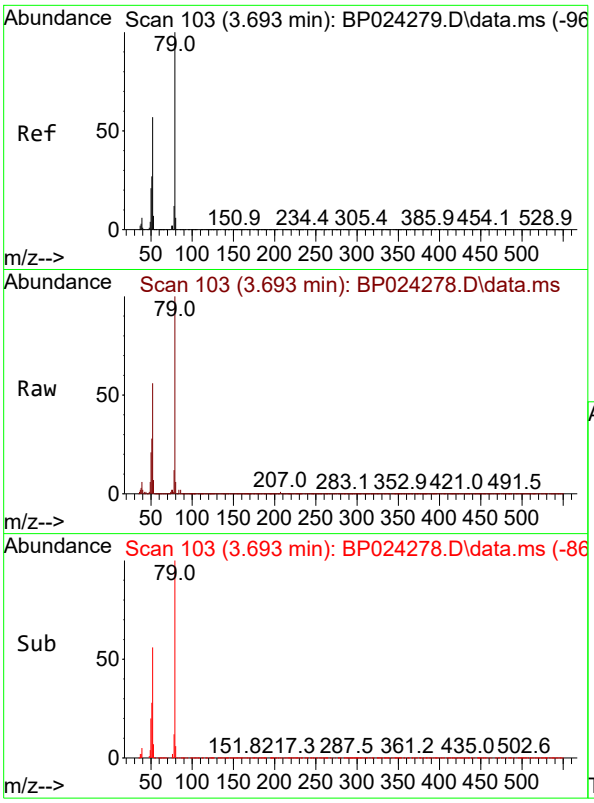


#2
1,4-Dioxane
Concen: 21.358 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 88 Resp: 139222

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	22.2	17.1	25.7



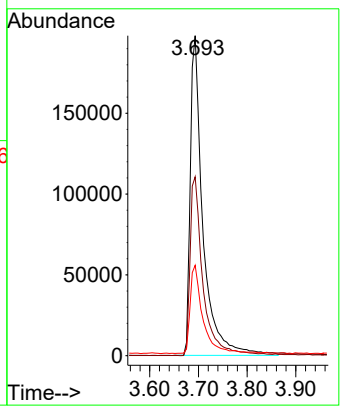


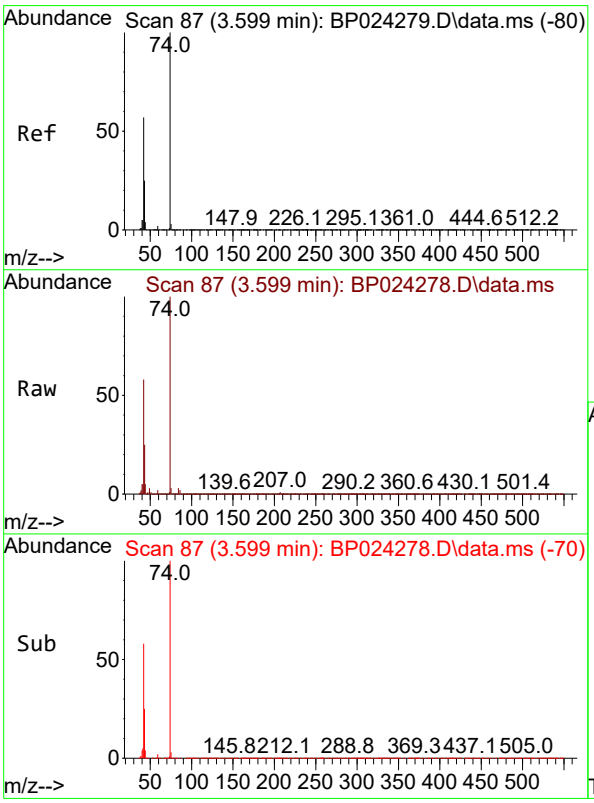
#3
Pyridine
Concen: 21.120 ng
RT: 3.693 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 358370

Ion	Ratio	Lower	Upper
79	100		
52	55.9	45.4	68.2
51	28.3	22.6	33.8

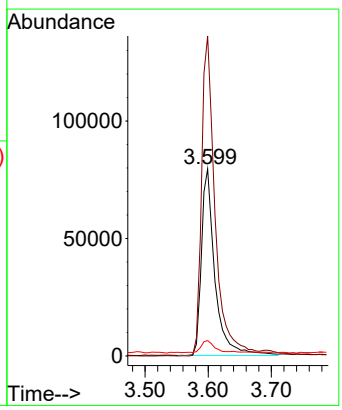


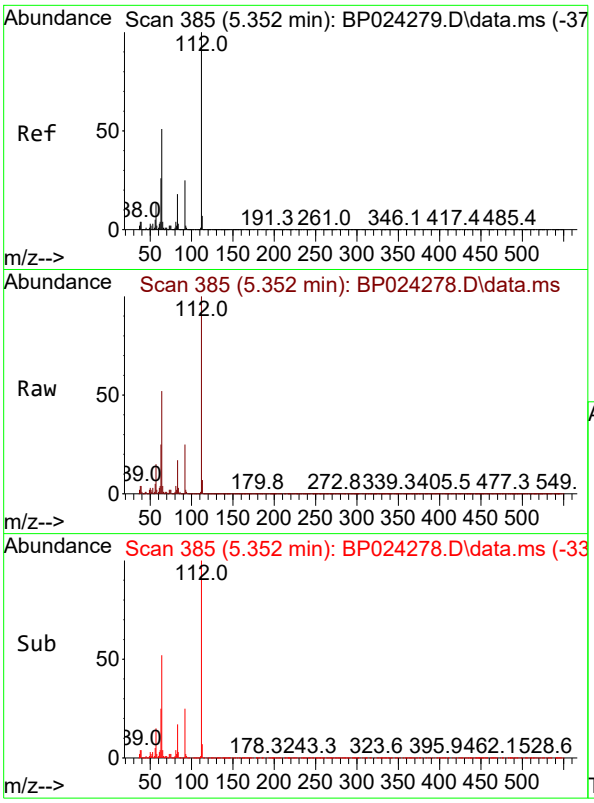


#4
n-Nitrosodimethylamine
Concen: 20.869 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 42 Resp: 118077

Ion	Ratio	Lower	Upper
42	100		
74	171.1	139.5	209.3
44	8.3	5.8	8.8



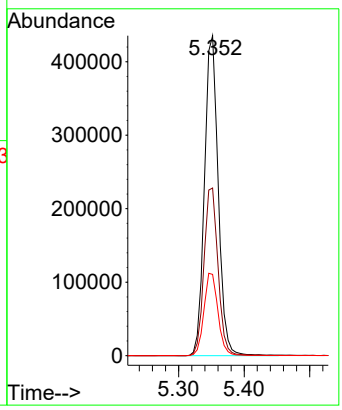


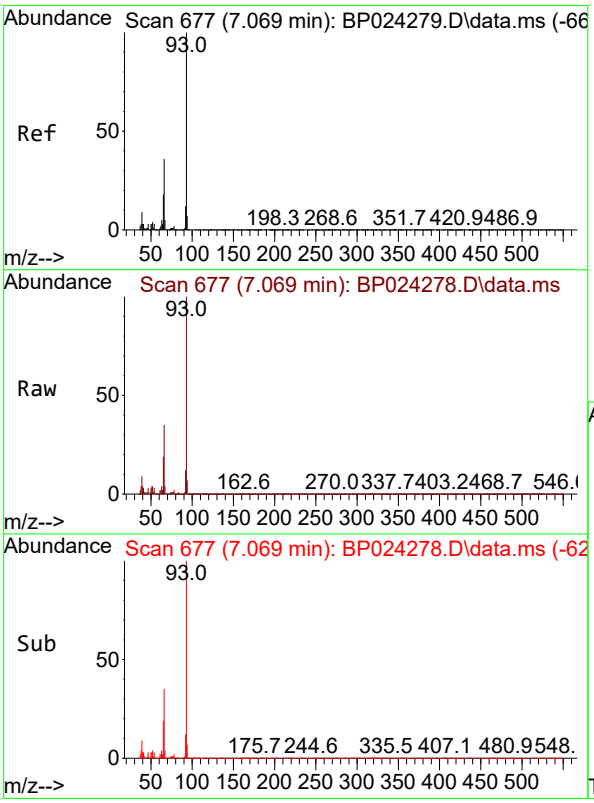
#5
2-Fluorophenol
Concen: 41.668 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 636245

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.1	61.7
63	25.4	20.6	30.8

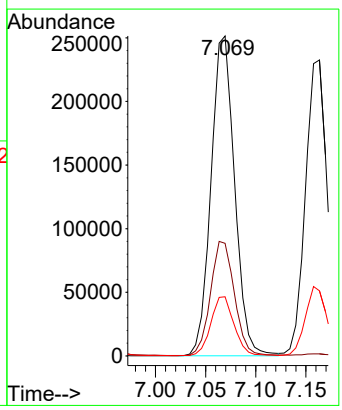


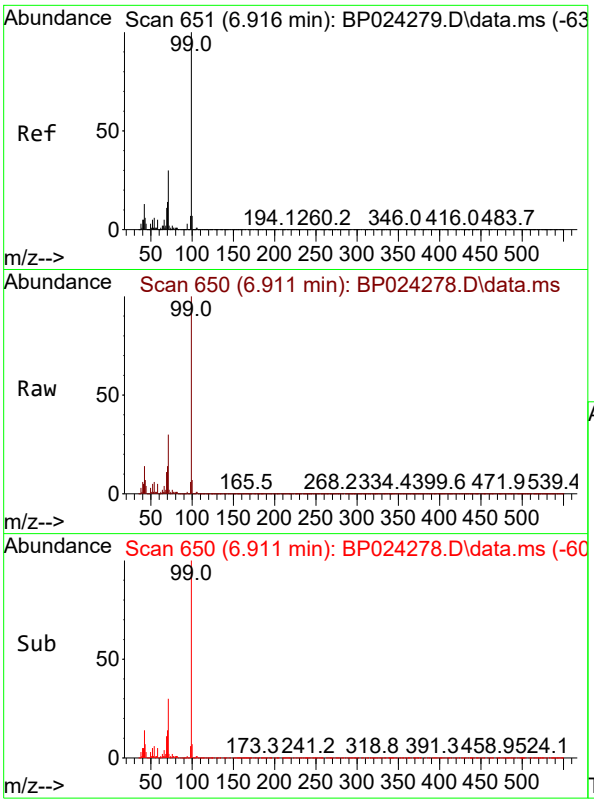


#6
Aniline
Concen: 21.857 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 412168

Ion	Ratio	Lower	Upper
93	100		
66	35.2	29.1	43.7
65	18.5	14.7	22.1



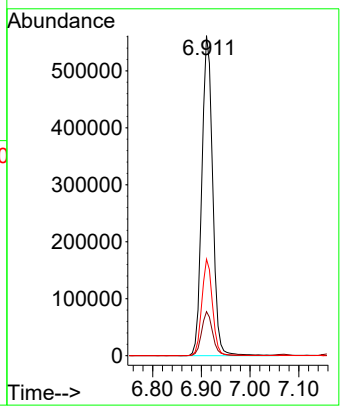


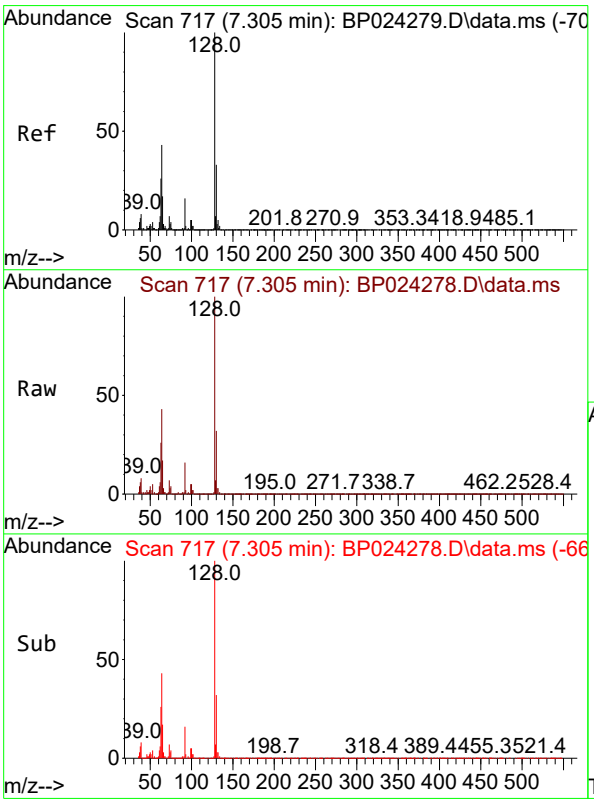
#7
Phenol-d6
Concen: 41.458 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 866004

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.2	23.7	35.5

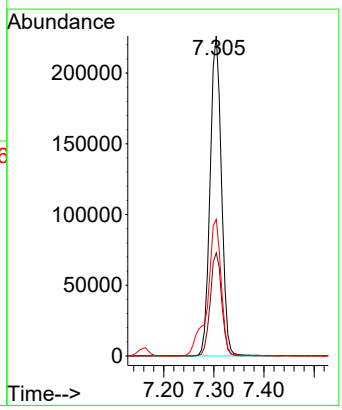


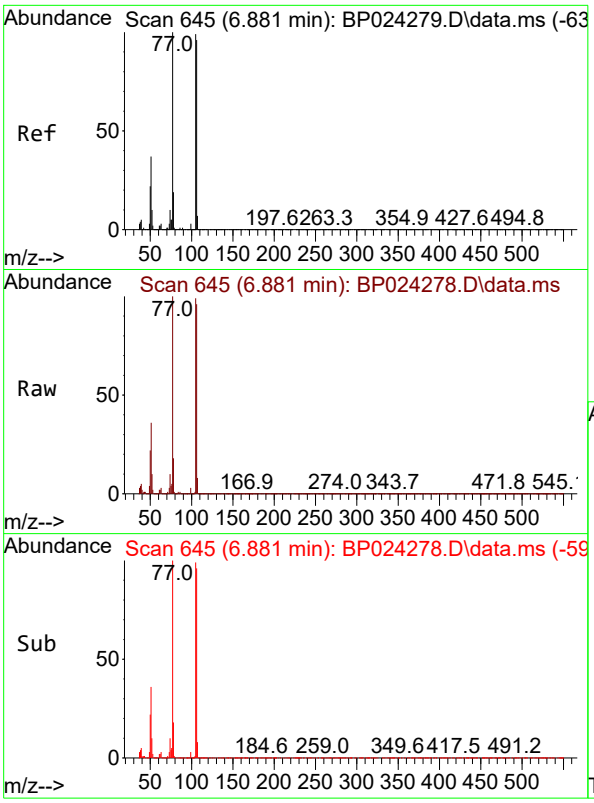


#8
2-Chlorophenol
Concen: 20.852 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:128 Resp: 355815

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	42.7	22.7	62.7



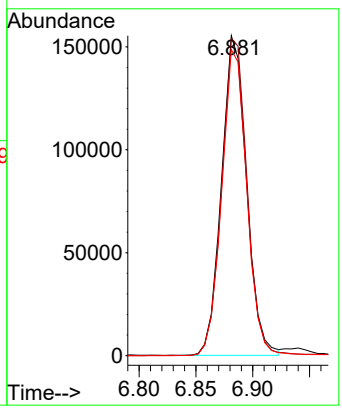


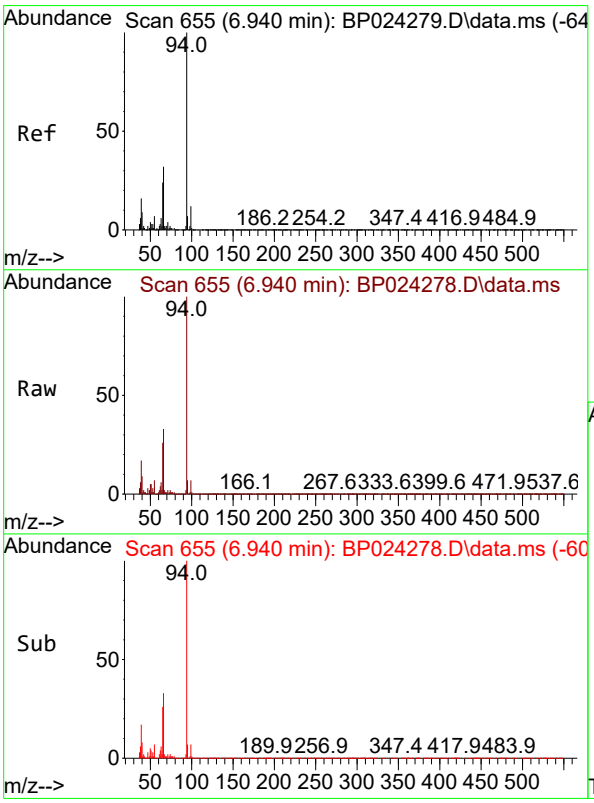
#9
Benzaldehyde
Concen: 21.940 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 237371

Ion	Ratio	Lower	Upper
77	100		
105	99.1	79.2	119.2
106	95.6	76.2	116.2

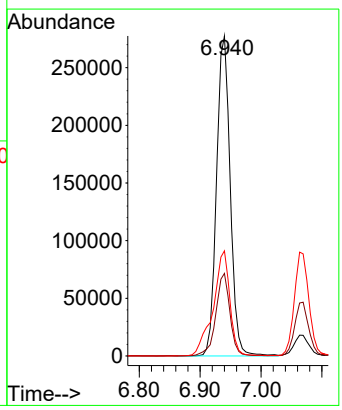


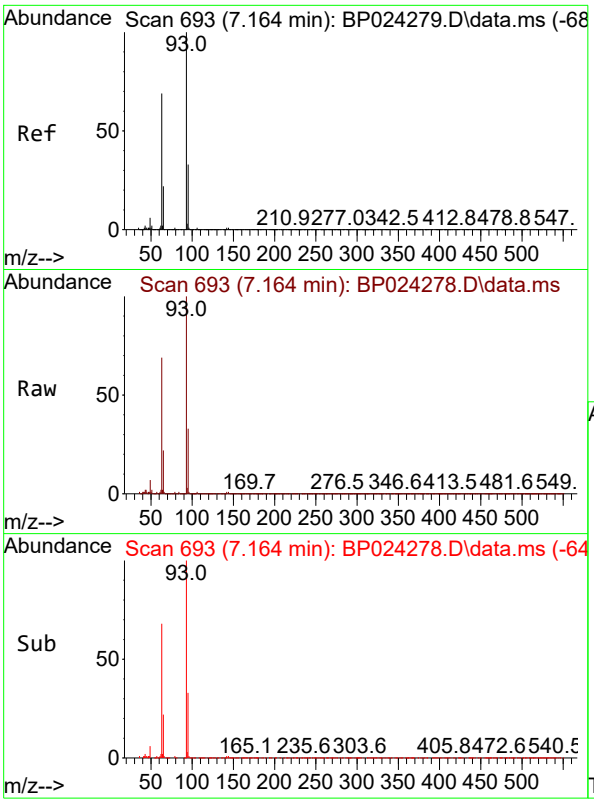


#10
Phenol
Concen: 20.670 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 94 Resp: 433531

Ion	Ratio	Lower	Upper
94	100		
65	25.8	4.5	44.5
66	32.8	12.4	52.4



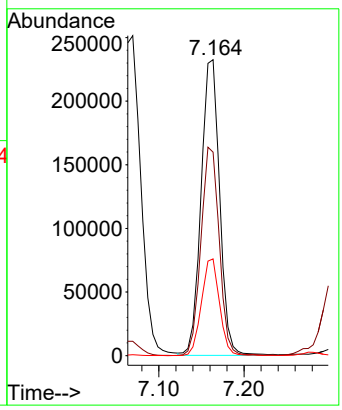


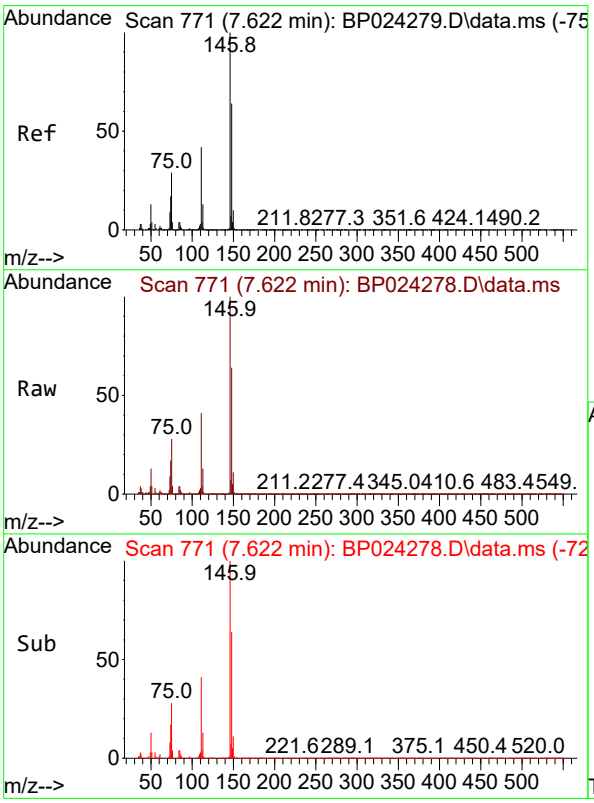
#11
bis(2-Chloroethyl)ether
Concen: 20.800 ng
RT: 7.164 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 352530

Ion	Ratio	Lower	Upper
93	100		
63	68.7	48.6	88.6
95	32.7	12.3	52.3

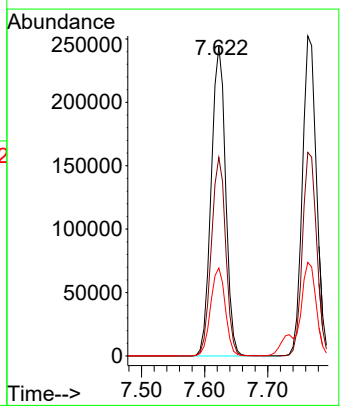


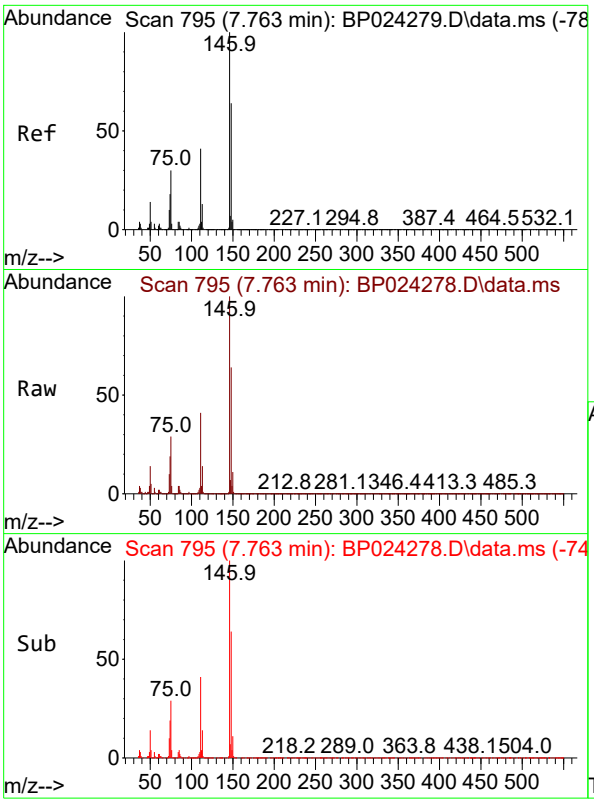


#12
1,3-Dichlorobenzene
Concen: 20.903 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 386470

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.4	22.9	34.3



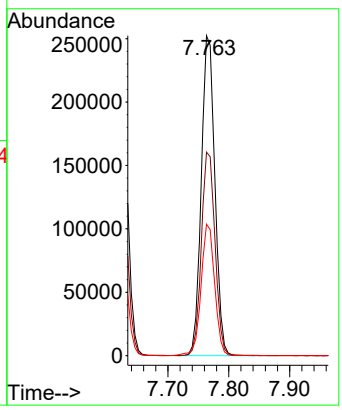


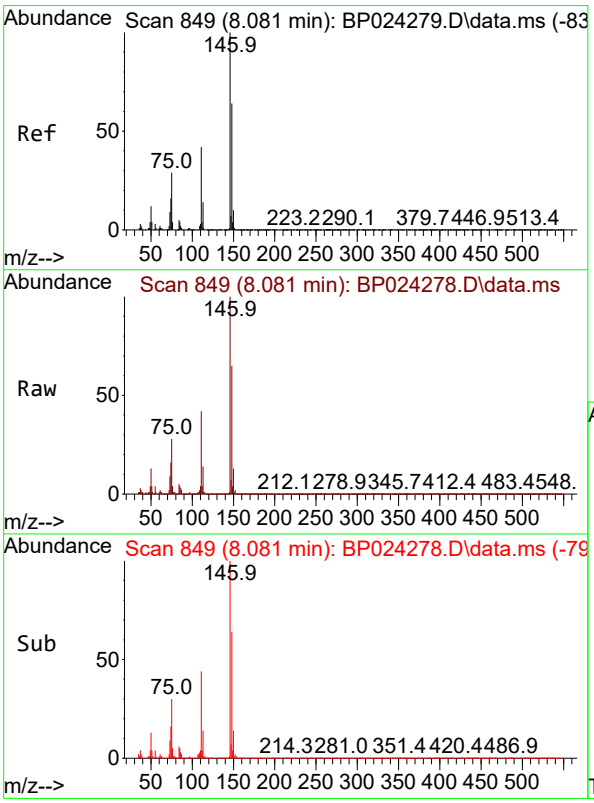
#13
1,4-Dichlorobenzene
Concen: 20.828 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 390483

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	41.1	32.6	48.8

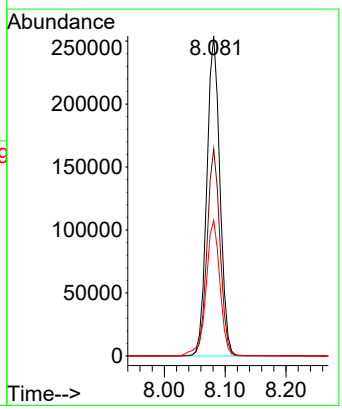


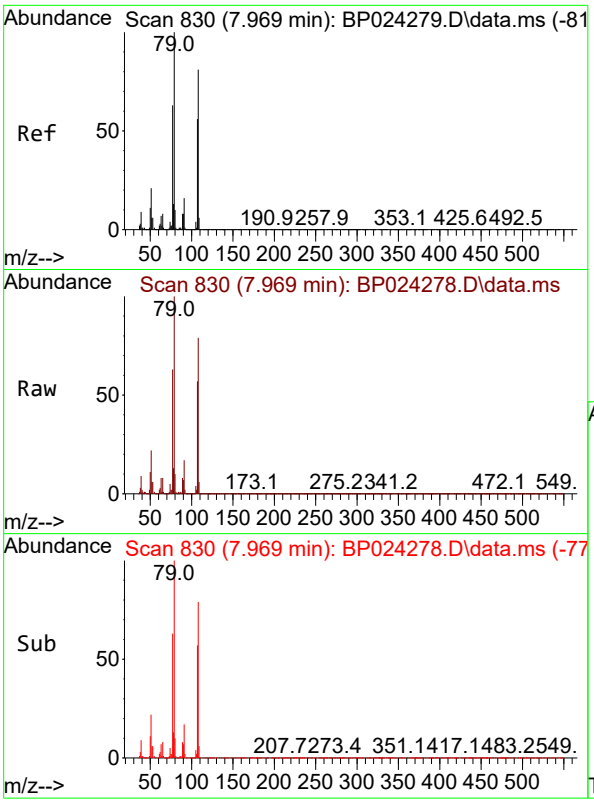


#14
1,2-Dichlorobenzene
Concen: 20.880 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:146 Resp: 378518

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	42.3	33.8	50.8



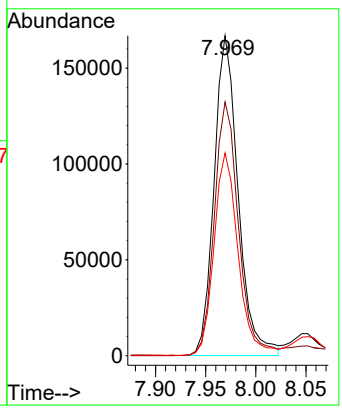


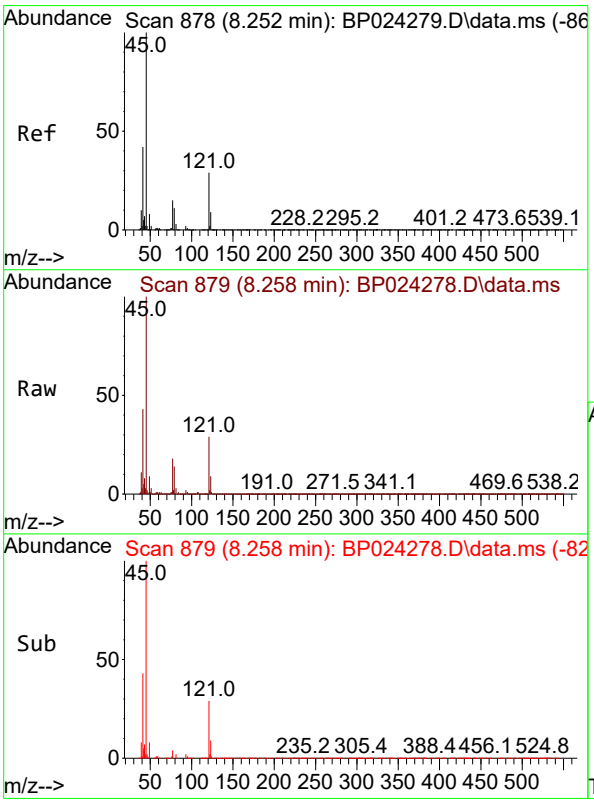
#15
Benzyl Alcohol
Concen: 20.809 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 278608

Ion	Ratio	Lower	Upper
79	100		
108	79.3	65.1	97.7
77	63.4	50.7	76.1

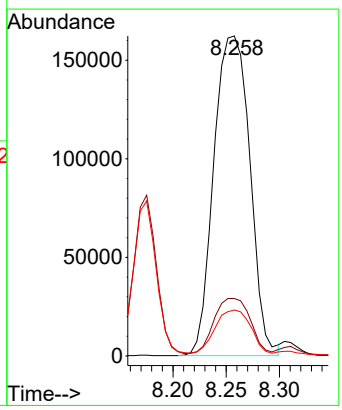


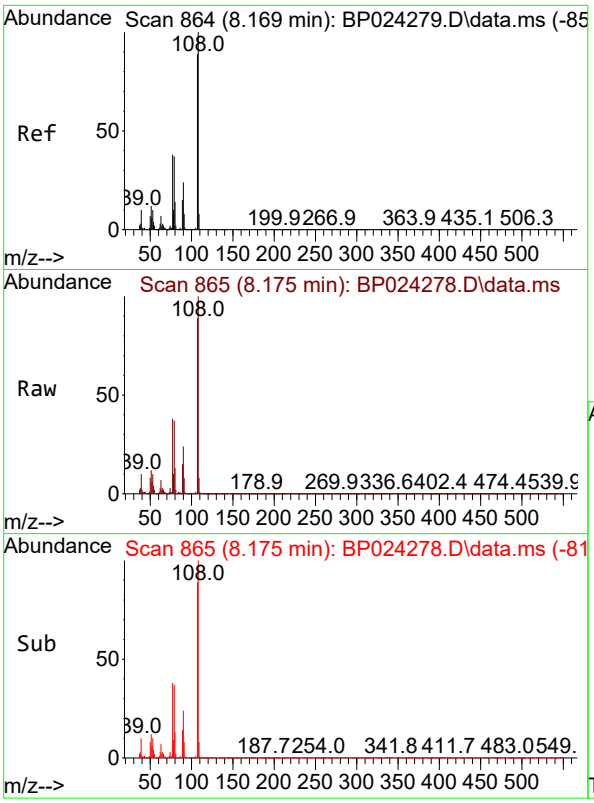


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.734 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 45 Resp: 382308

Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	37.7
79	14.4	0.0	33.5



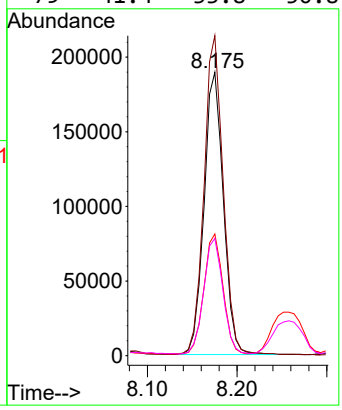


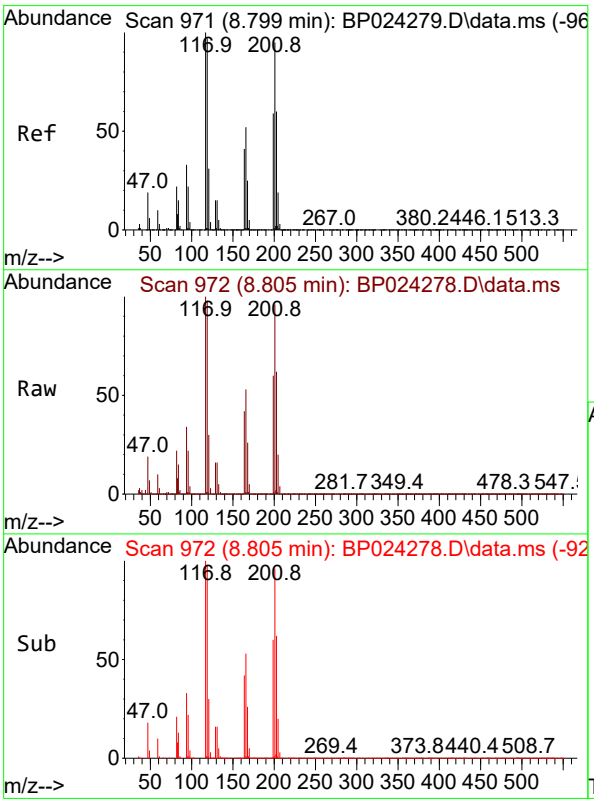
#17
2-Methylphenol
Concen: 20.942 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 283057

Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.8	134.6
77	43.0	34.2	51.4
79	41.4	33.8	50.8

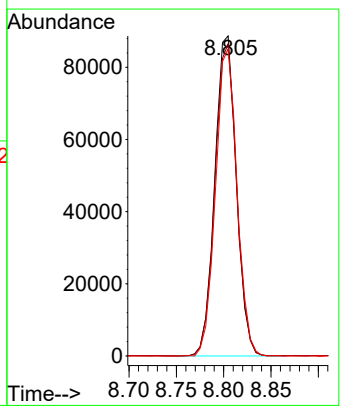


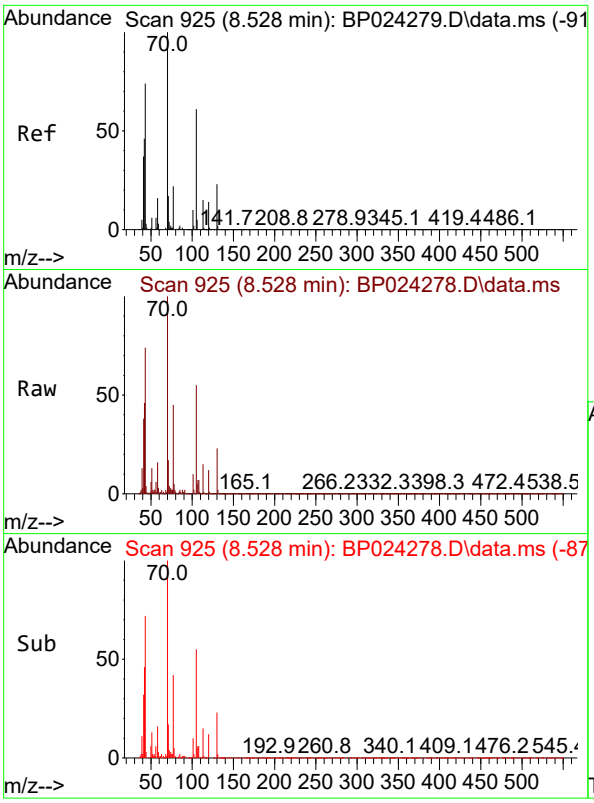


#18
Hexachloroethane
Concen: 20.773 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:117 Resp: 140558

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.6
201	96.0	75.9	113.9



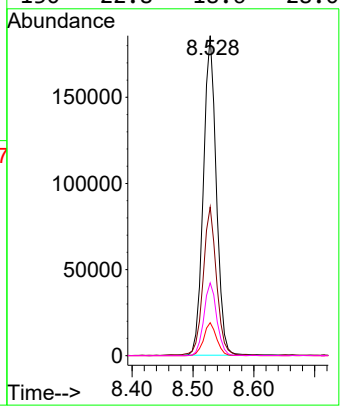


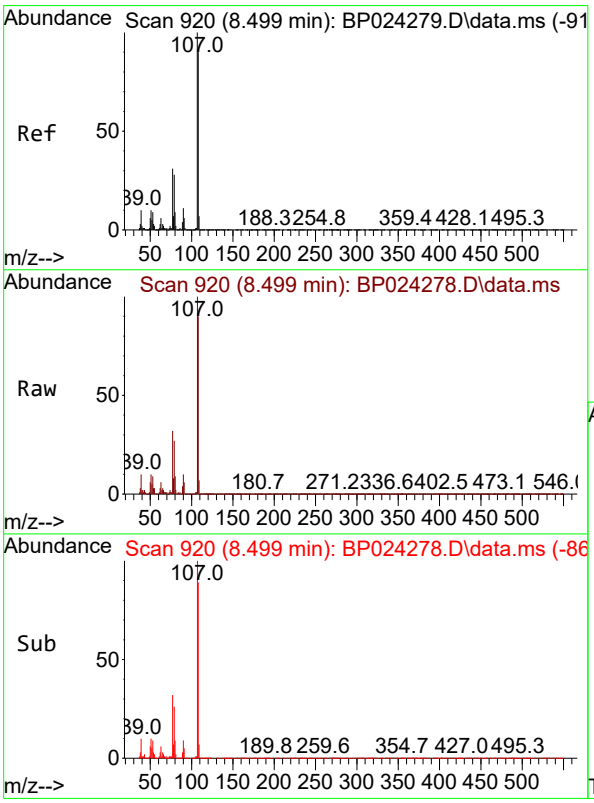
#19
n-Nitroso-di-n-propylamine
Concen: 21.127 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 274118

Ion	Ratio	Lower	Upper
70	100		
42	46.5	37.3	55.9
101	10.3	8.2	12.4
130	22.8	18.6	28.0

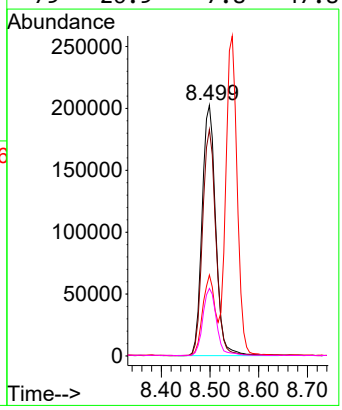


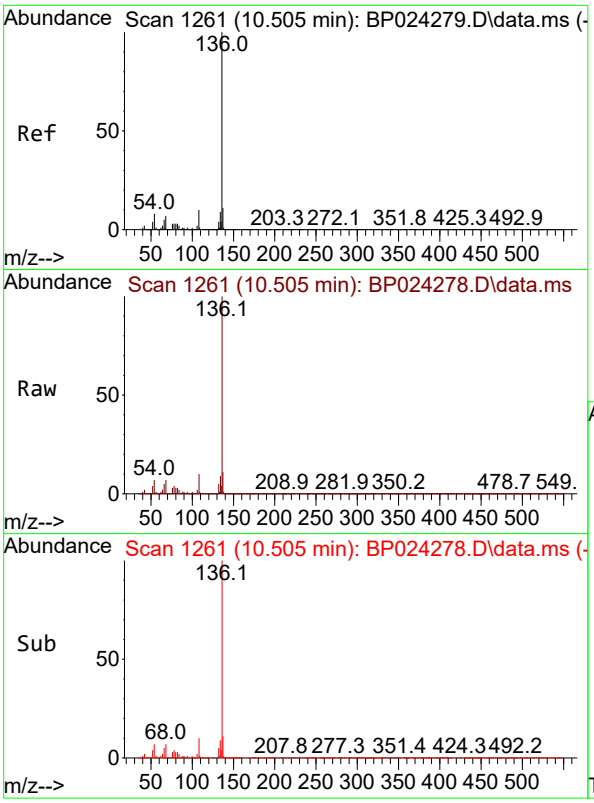


#20
3+4-Methylphenols
Concen: 20.999 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 393131

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.8	109.8
77	32.3	11.5	51.5
79	26.9	7.8	47.8



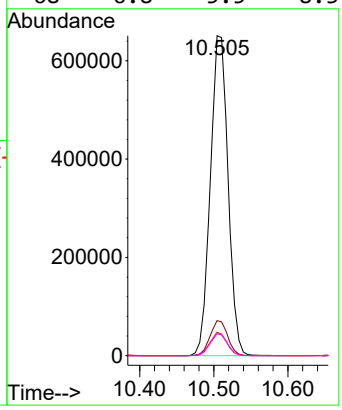


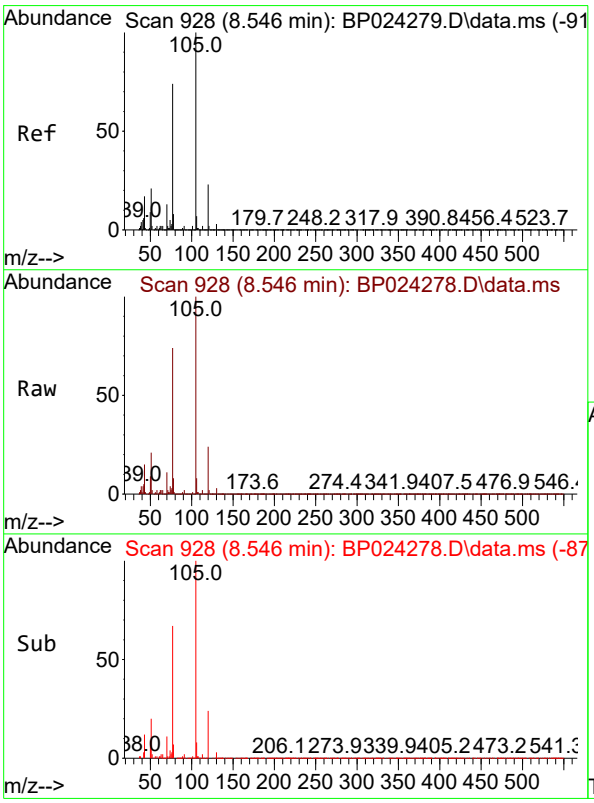
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 1081087

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.3	6.0	9.0
68	6.8	5.5	8.3

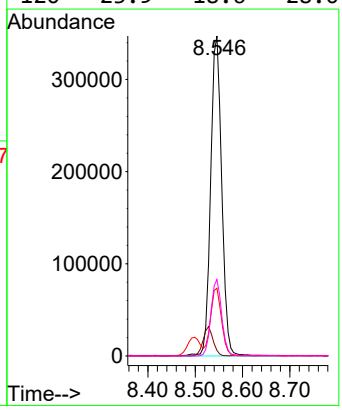


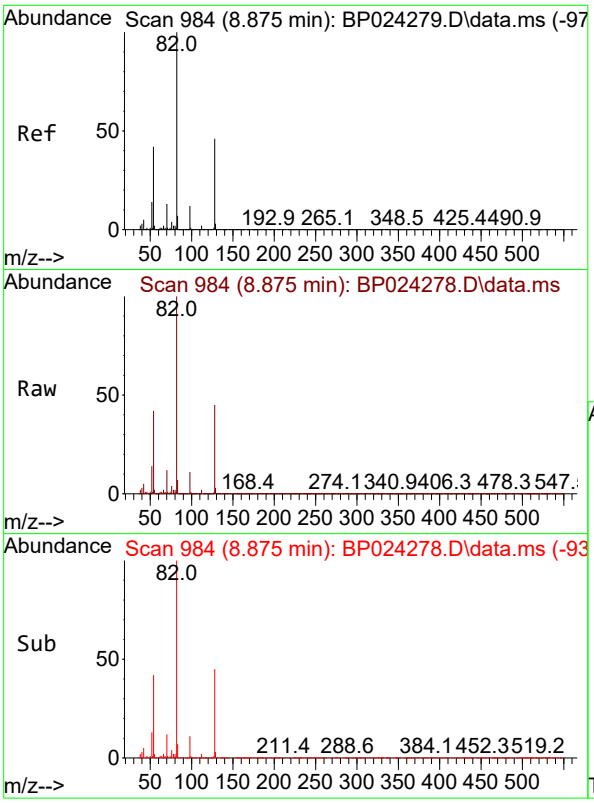


#22
Acetophenone
Concen: 20.991 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:105 Resp: 563994

Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5
51	21.2	16.9	25.3
120	23.9	18.6	28.0



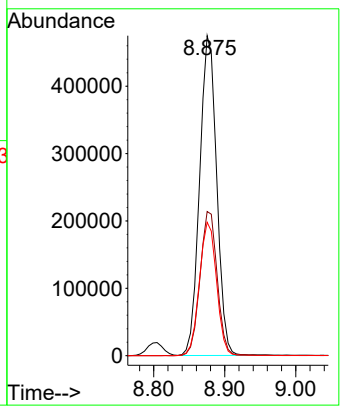


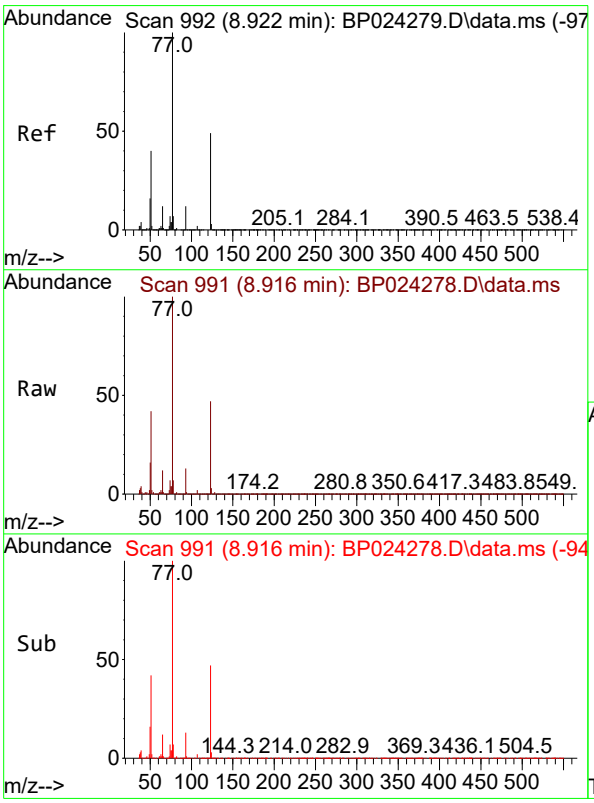
#23
Nitrobenzene-d5
Concen: 41.839 ng
RT: 8.875 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 794485

Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	41.7	33.4	50.2

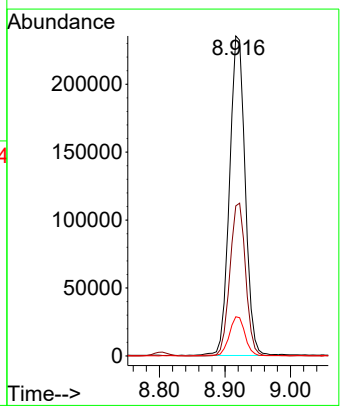


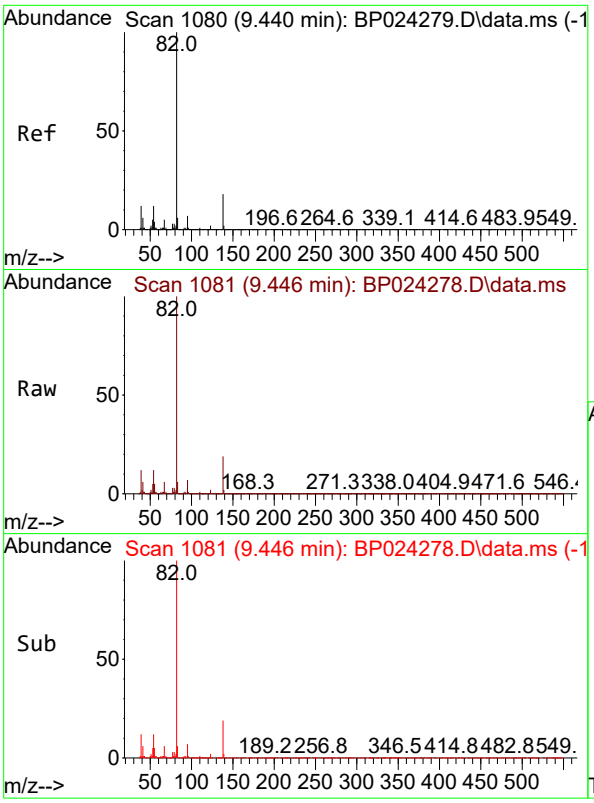


#24
Nitrobenzene
Concen: 20.770 ng
RT: 8.916 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 77 Resp: 390911

Ion	Ratio	Lower	Upper
77	100		
123	46.9	39.2	58.8
65	12.3	9.8	14.6



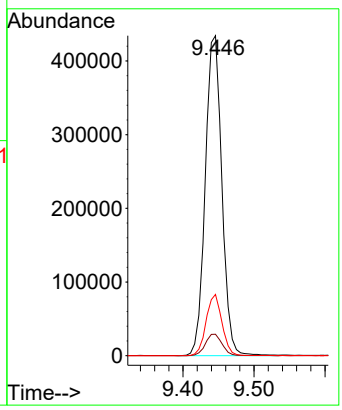


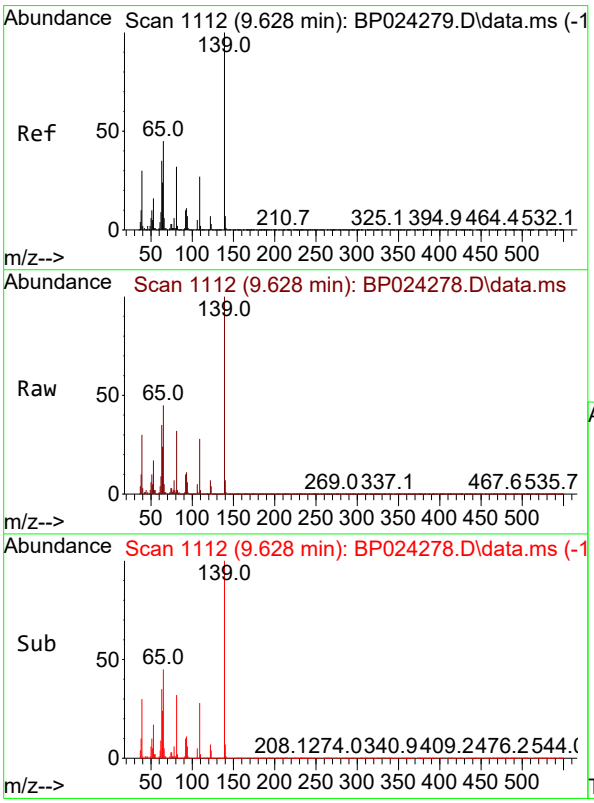
#25
Isophorone
Concen: 20.588 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 705771

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.2
138	19.2	14.4	21.6

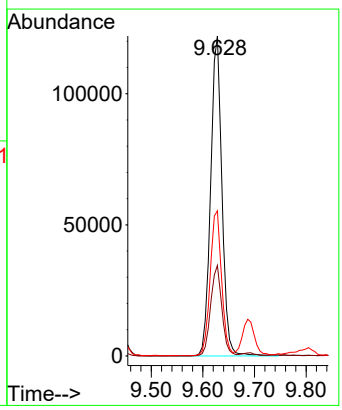


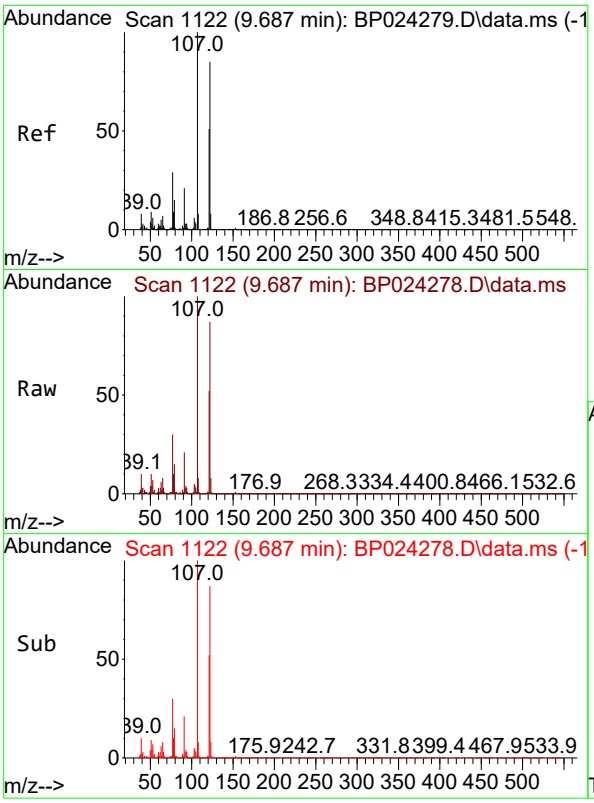


#26
2-Nitrophenol
Concen: 20.553 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 185740

Ion	Ratio	Lower	Upper
139	100		
109	28.3	21.8	32.6
65	45.4	36.2	54.2



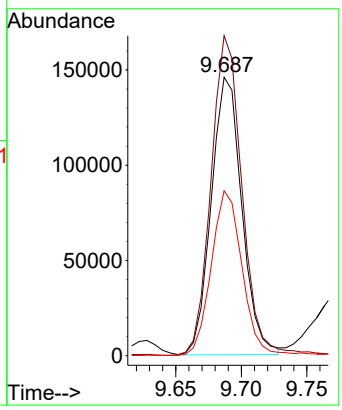


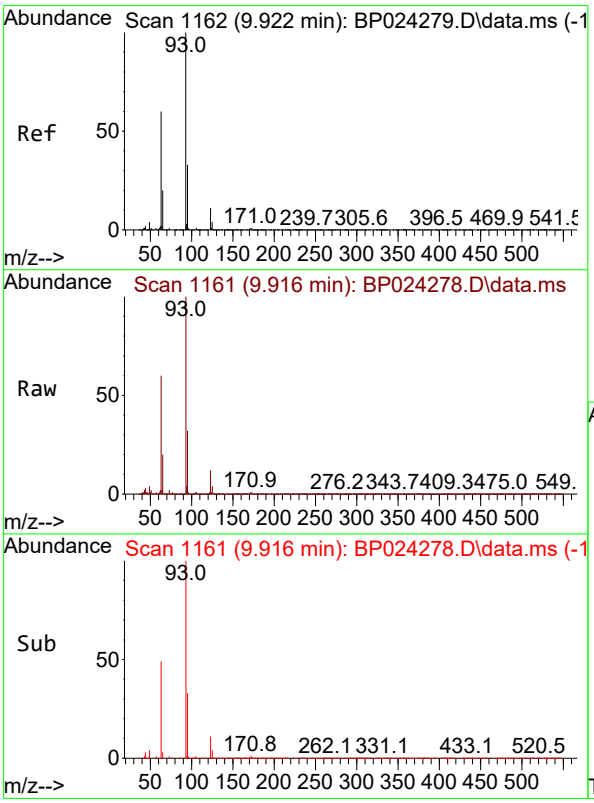
#27
2,4-Dimethylphenol
Concen: 20.643 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 236436

Ion	Ratio	Lower	Upper
122	100		
107	114.9	93.7	140.5
121	59.2	48.2	72.2

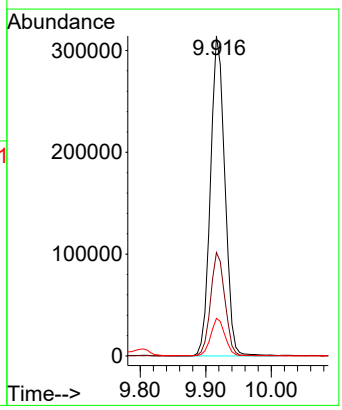


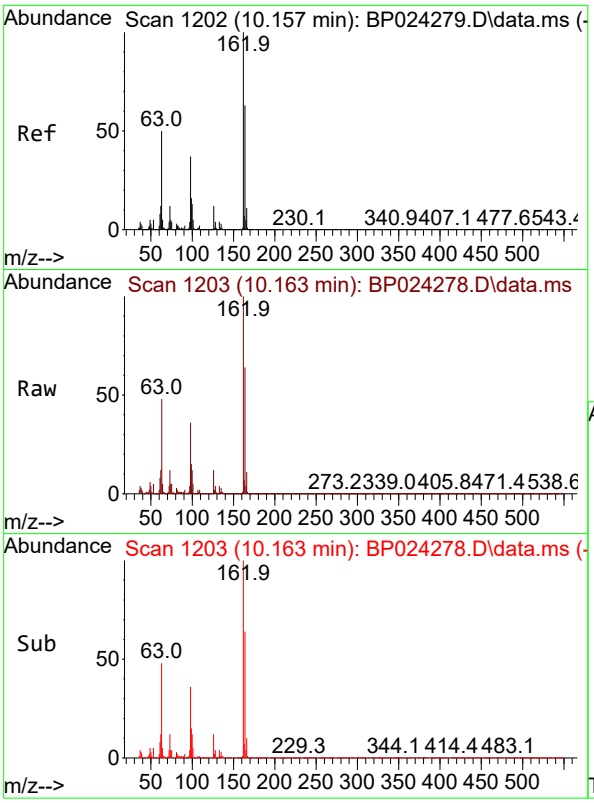


#28
bis(2-Chloroethoxy)methane
Concen: 20.575 ng
RT: 9.916 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 93 Resp: 480036

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.8	9.1	13.7



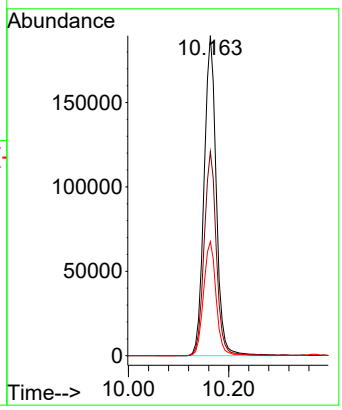


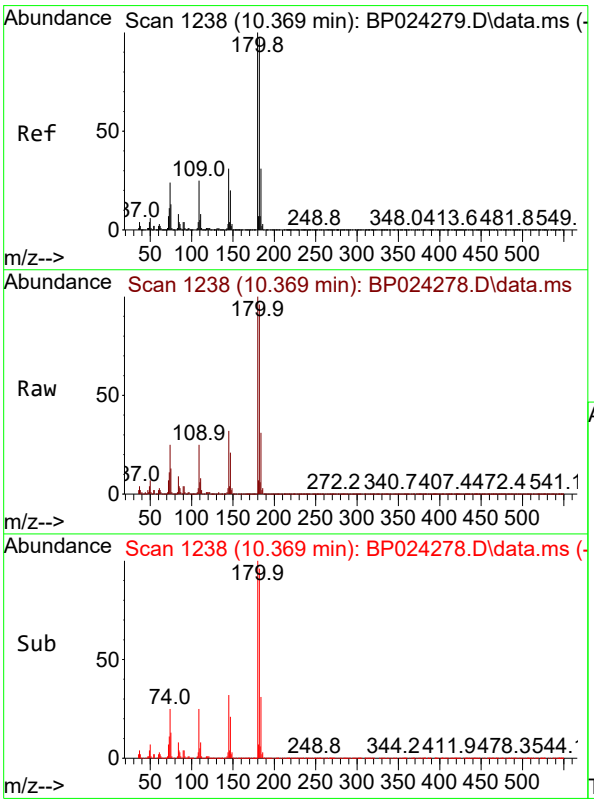
#29
2,4-Dichlorophenol
Concen: 20.536 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 320579

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.3	83.3
98	35.6	16.6	56.6

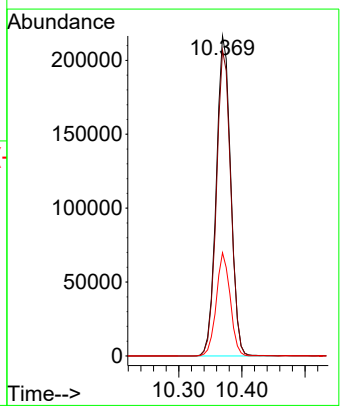


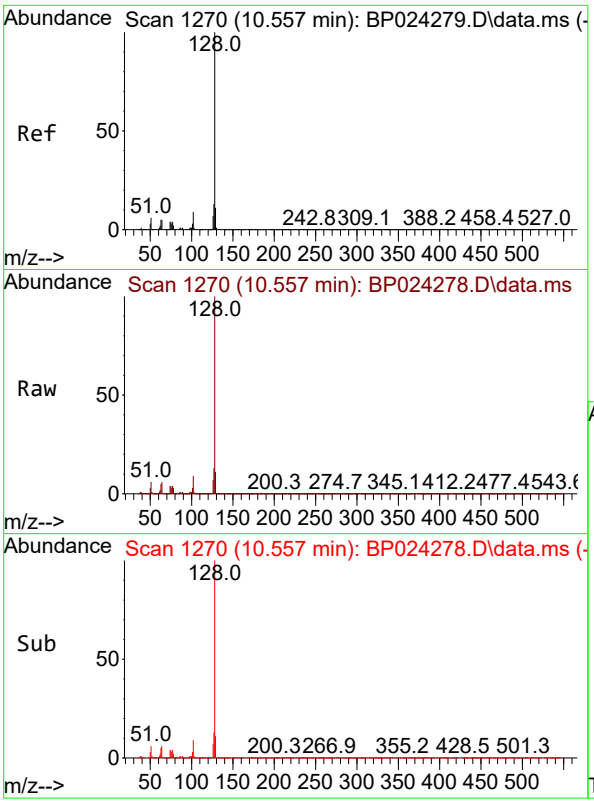


#30
1,2,4-Trichlorobenzene
Concen: 20.348 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:180 Resp: 343641

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	32.3	25.1	37.7



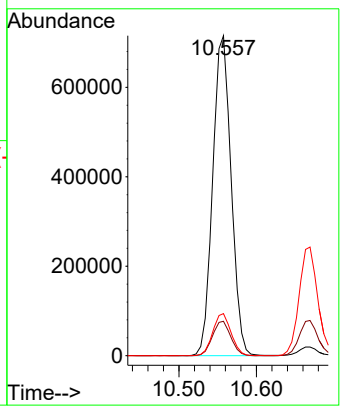


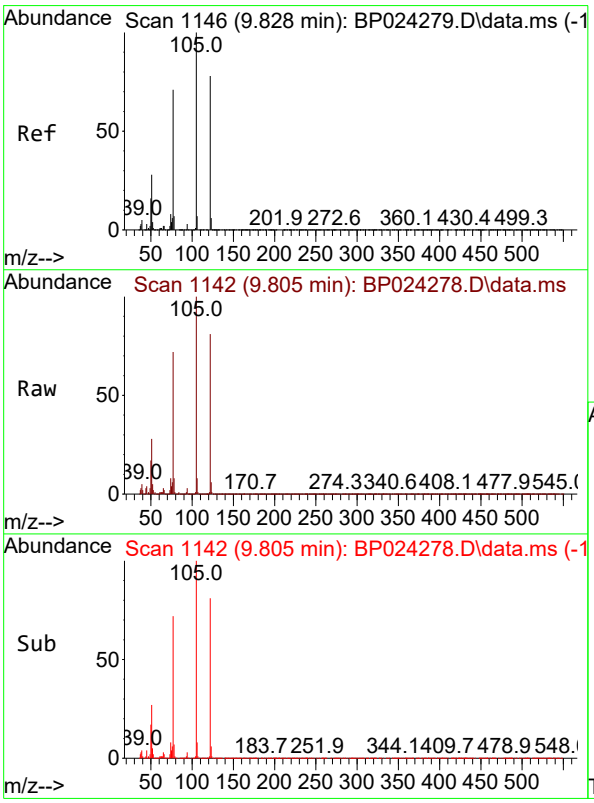
#31
Naphthalene
Concen: 20.618 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 1179848

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.3	15.5

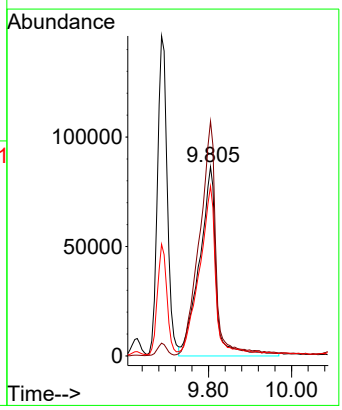


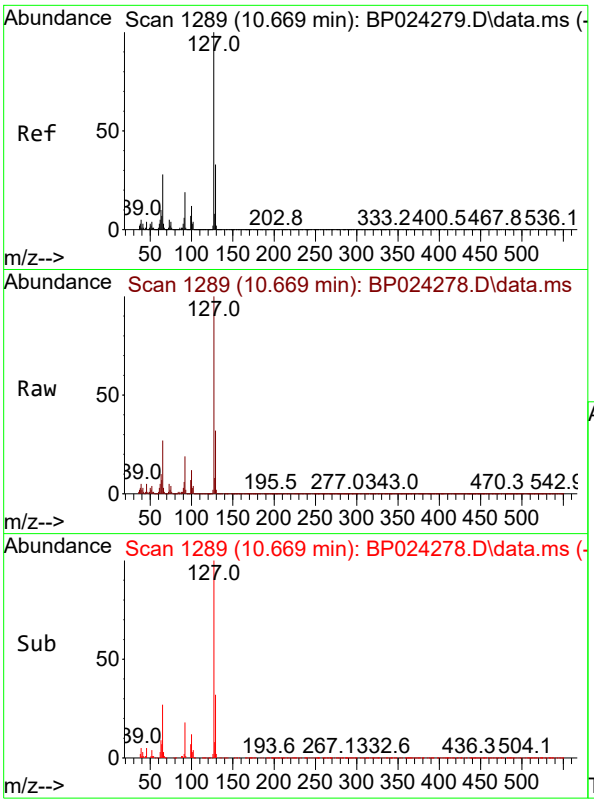


#32
Benzoic acid
Concen: 19.731 ng m
RT: 9.805 min Scan# 1142
Delta R.T. -0.024 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:122 Resp: 244213

Ion	Ratio	Lower	Upper
122	100		
105	124.1	104.8	144.8
77	89.8	69.2	109.2



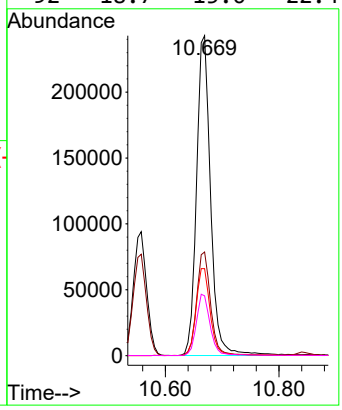


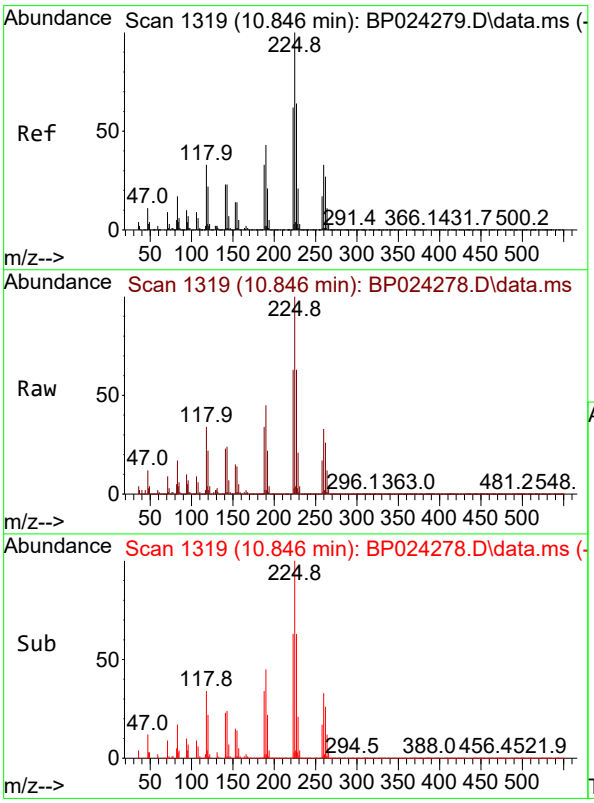
#33
4-Chloroaniline
Concen: 21.010 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 420086

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.7	15.0	22.4

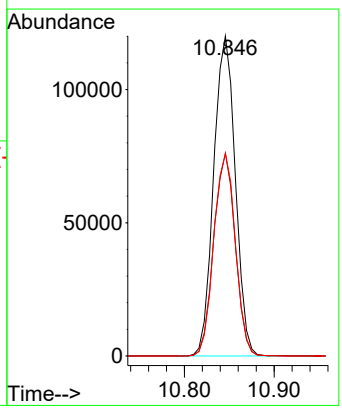


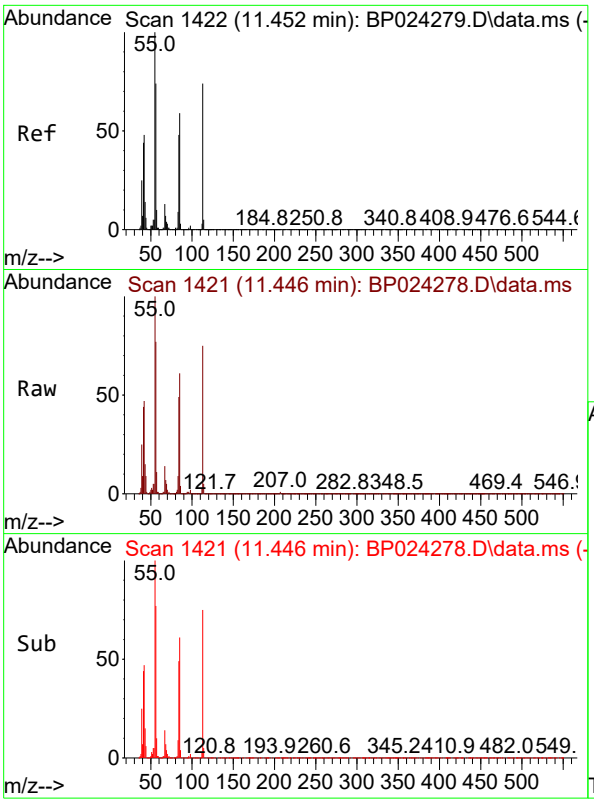


#34
Hexachlorobutadiene
Concen: 20.267 ng
RT: 10.846 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:225 Resp: 200785

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.5	74.3
227	63.3	50.9	76.3



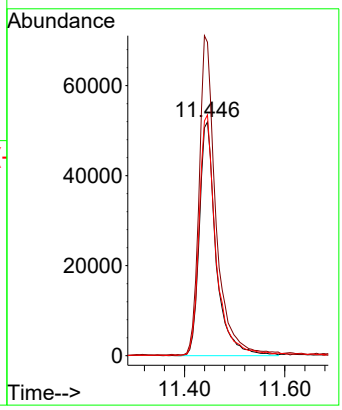


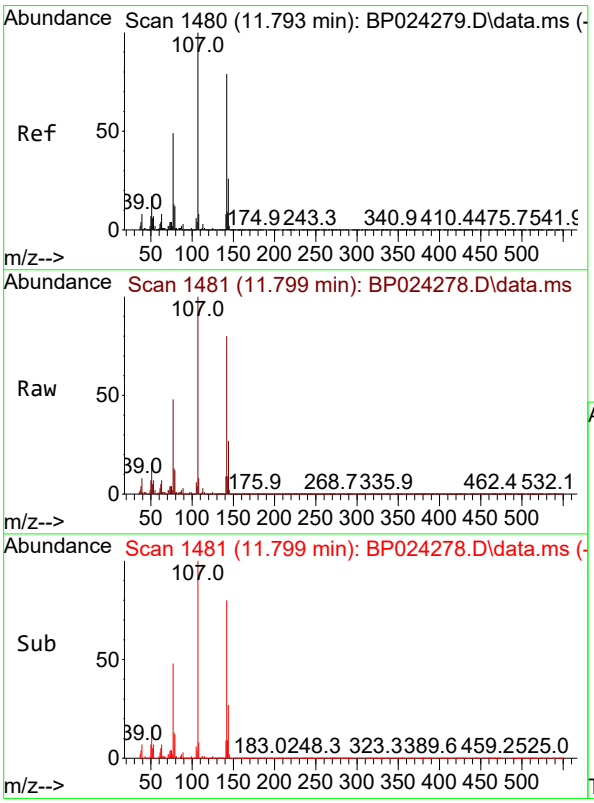
#35
Caprolactam
Concen: 20.922 ng
RT: 11.446 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 119912

Ion	Ratio	Lower	Upper
113	100		
55	134.1	115.9	155.9
56	103.0	81.1	121.1

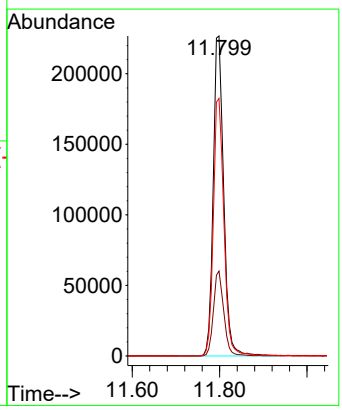


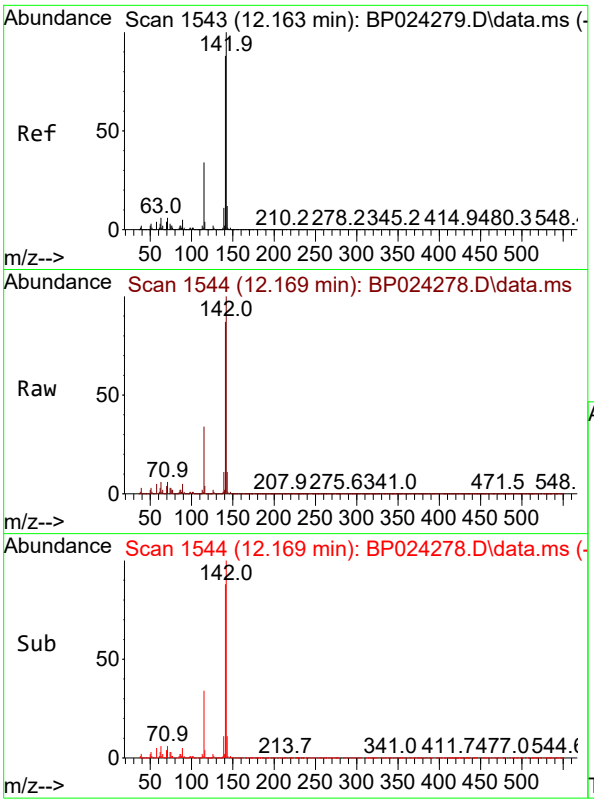


#36
4-Chloro-3-methylphenol
Concen: 20.767 ng
RT: 11.799 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:107 Resp: 377768

Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	80.4	63.4	95.2



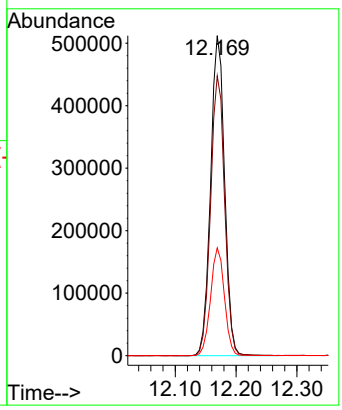


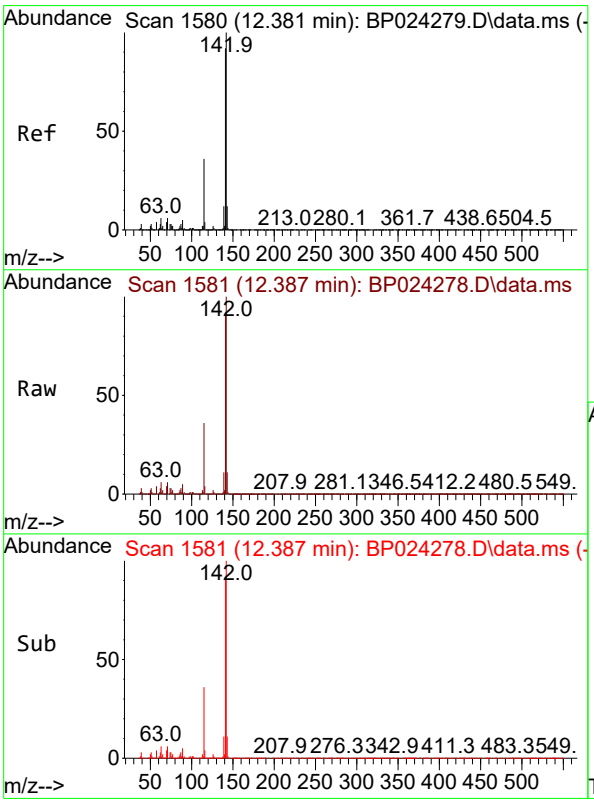
#37
2-Methylnaphthalene
Concen: 20.583 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 816314

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.3	105.5
115	33.7	26.9	40.3

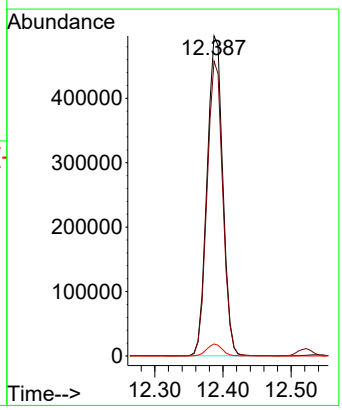


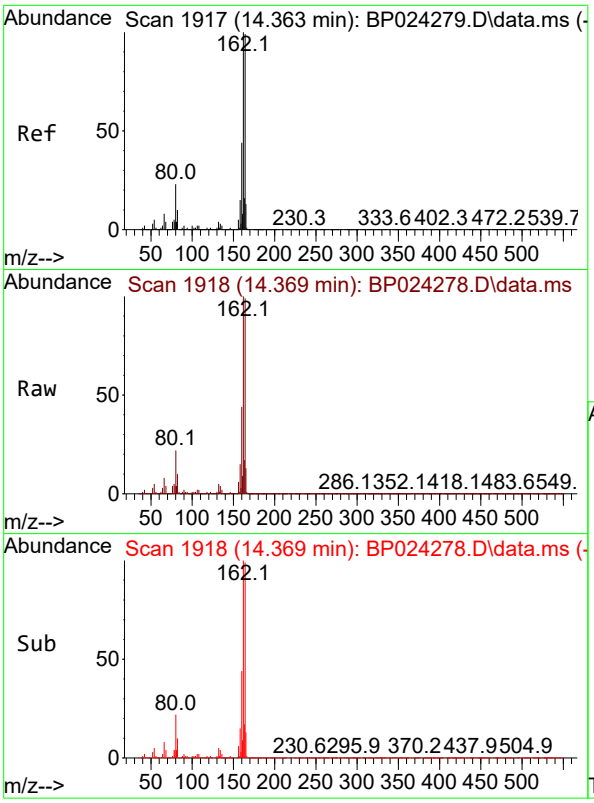


#38
1-Methylnaphthalene
Concen: 20.503 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:142 Resp: 796550

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.6	110.4
116	3.8	3.0	4.6



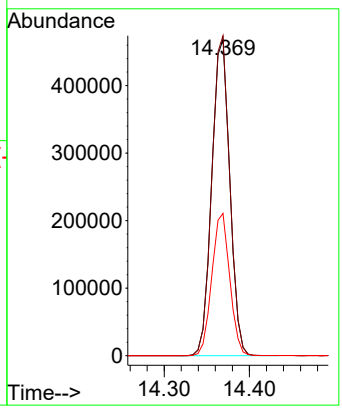


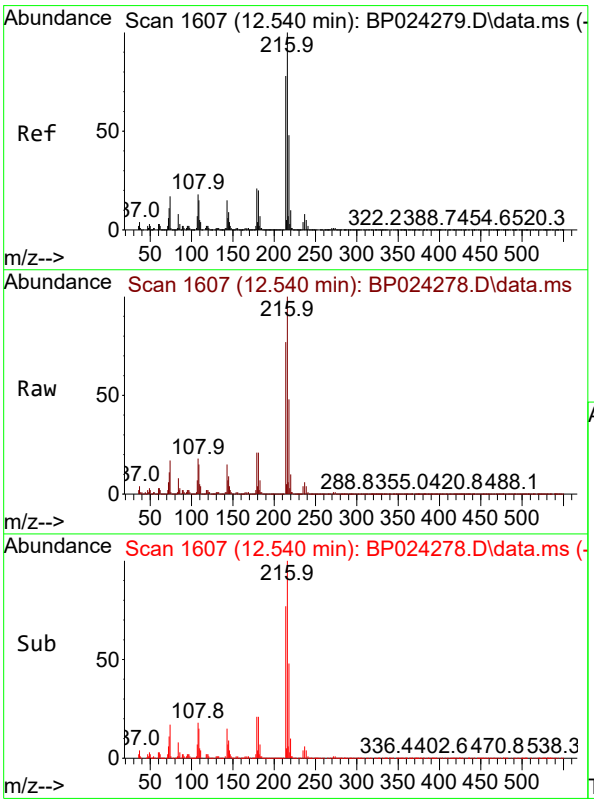
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 688775

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.0	35.3	52.9

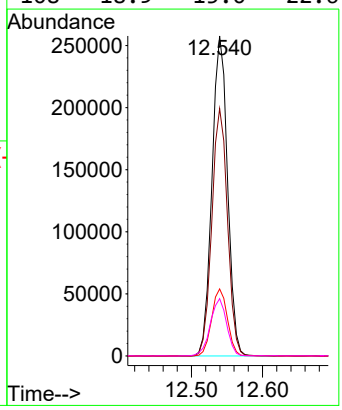


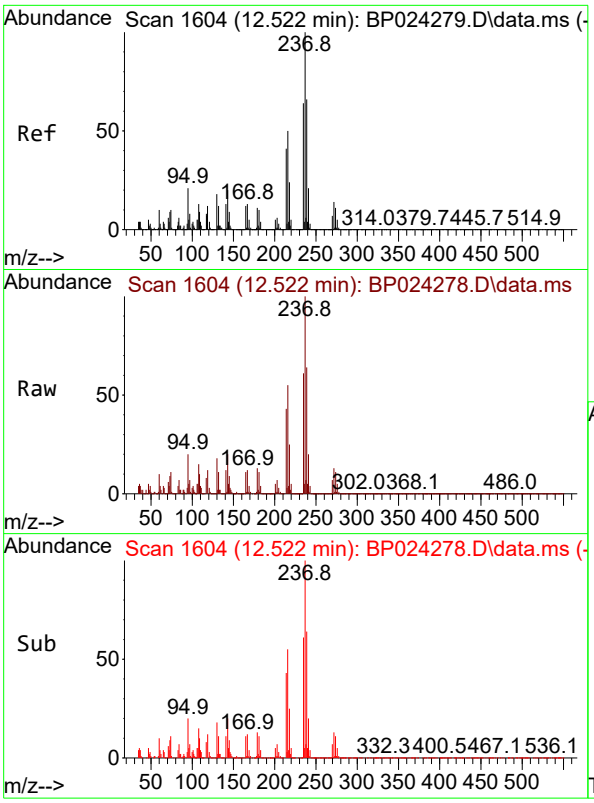


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.669 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:216 Resp: 391241

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	21.2	17.2	25.8
108	18.9	15.0	22.6



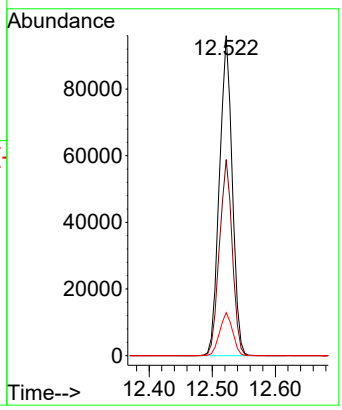


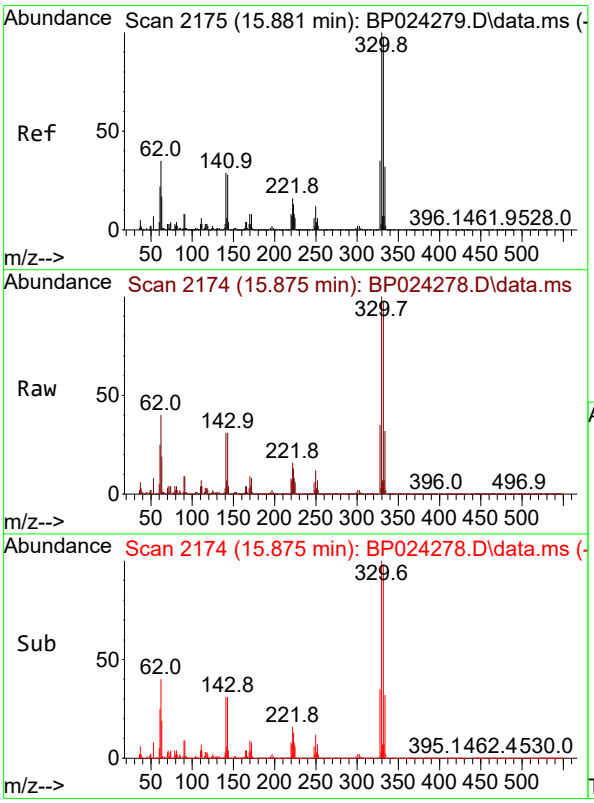
#41
Hexachlorocyclopentadiene
Concen: 20.414 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 135654

Ion	Ratio	Lower	Upper
237	100		
235	61.3	43.9	83.9
272	13.5	0.0	33.6

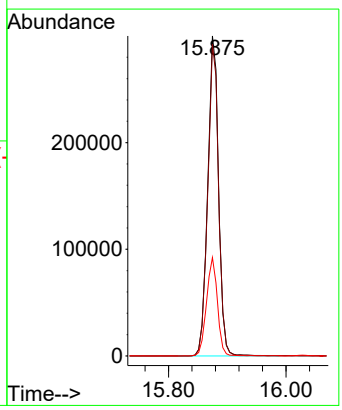


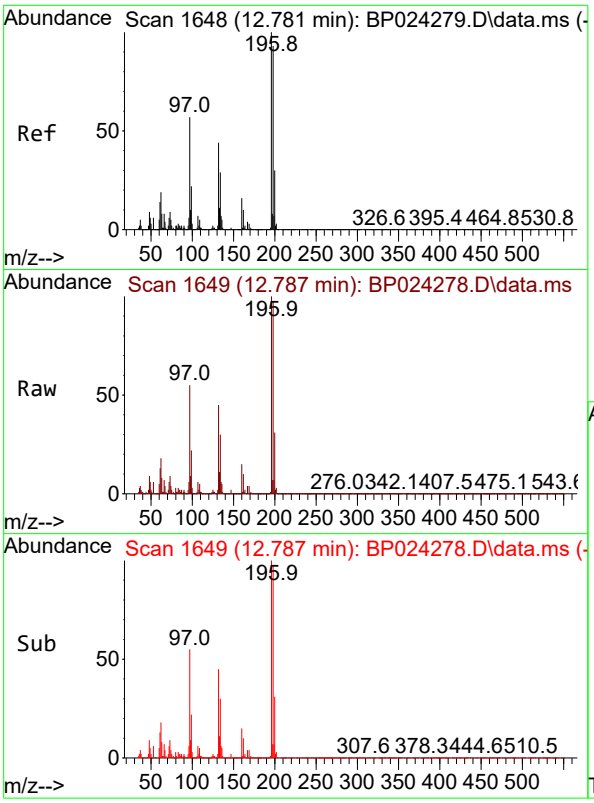


#42
2,4,6-Tribromophenol
Concen: 40.617 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:330 Resp: 383088

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	30.9	24.7	37.1



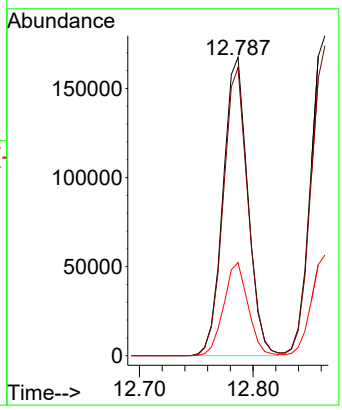


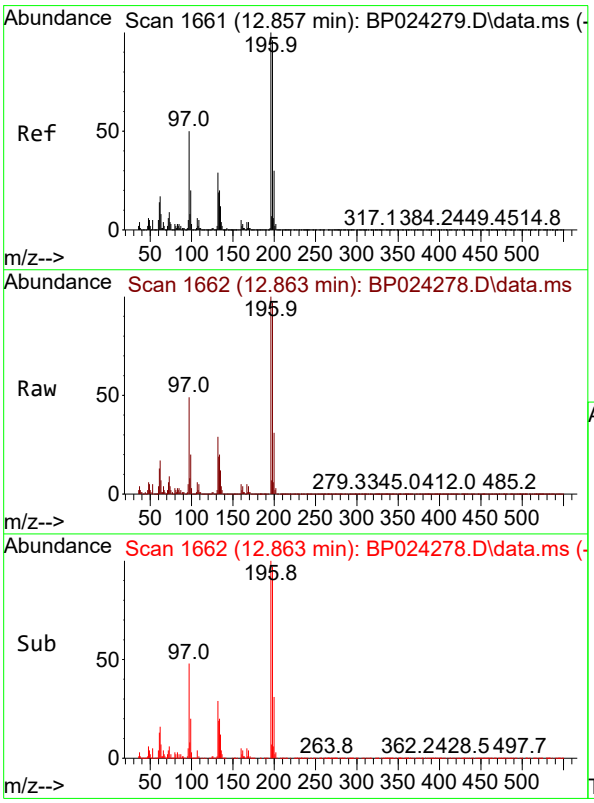
#43
2,4,6-Trichlorophenol
Concen: 20.410 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 254189

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.3	111.5
200	31.2	24.0	36.0

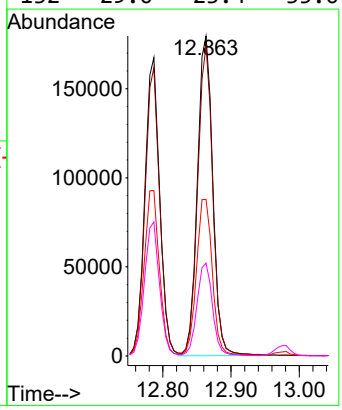


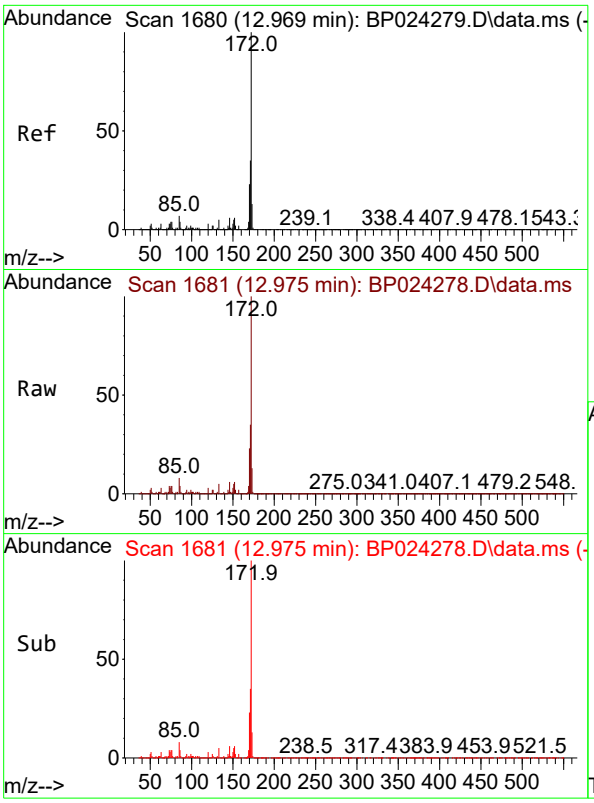


#44
2,4,5-Trichlorophenol
Concen: 20.424 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:196 Resp: 281887

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.3	115.9
97	48.9	40.4	60.6
132	29.0	23.4	35.0



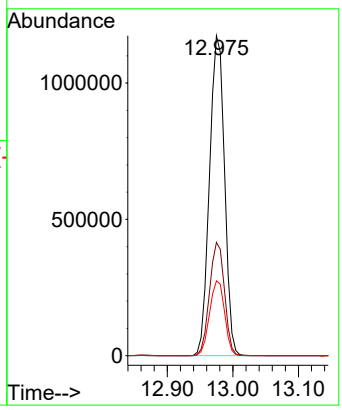


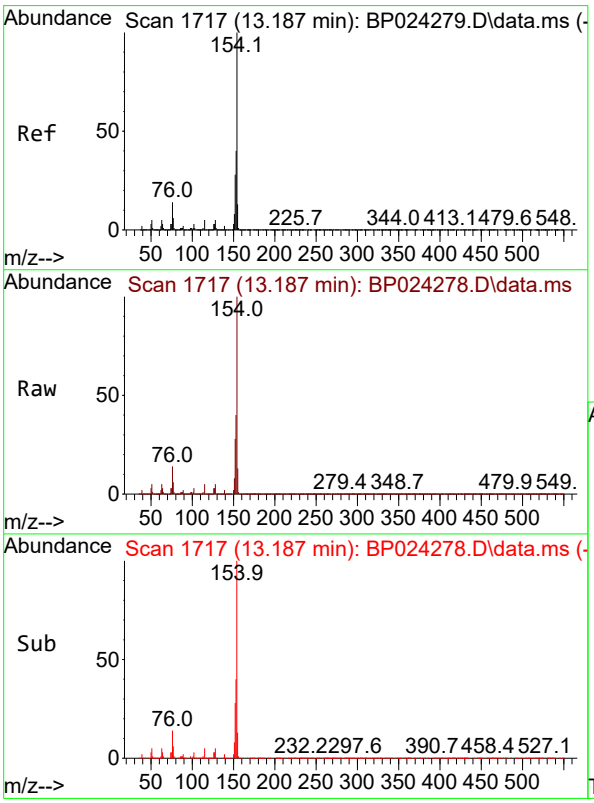
#45
2-Fluorobiphenyl
Concen: 41.254 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 1871534

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.4	18.6	27.8

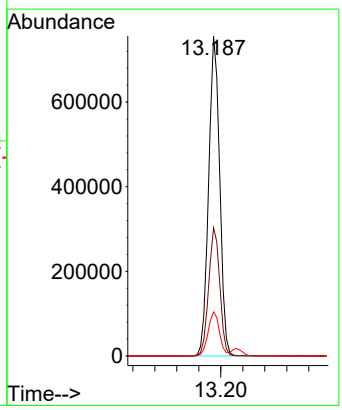


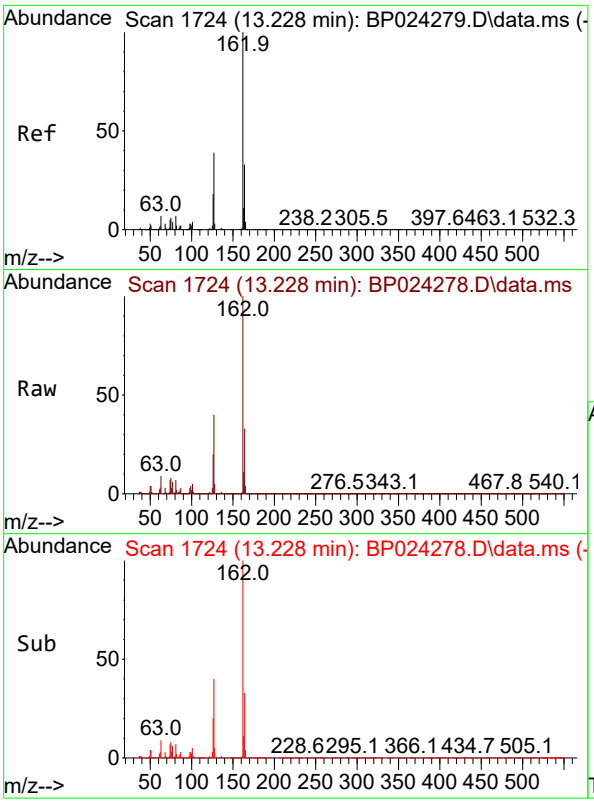


#46
1,1'-Biphenyl
Concen: 20.694 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 1052618

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.3	60.3
76	13.7	0.0	33.5



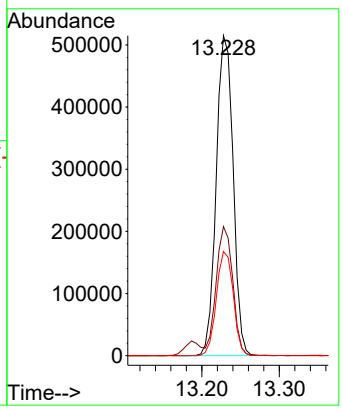


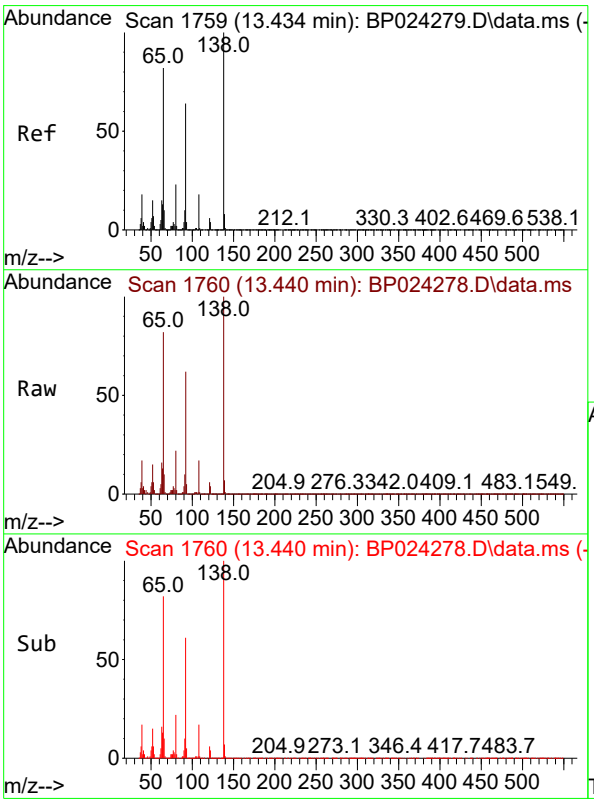
#47
2-Chloronaphthalene
Concen: 20.603 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 782040

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.9	47.9
164	32.6	26.2	39.4

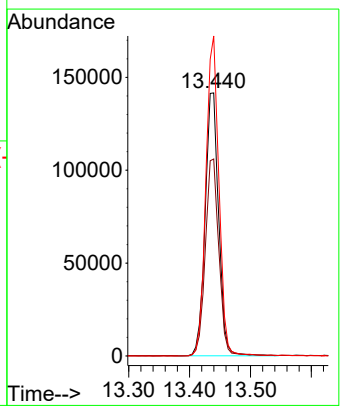


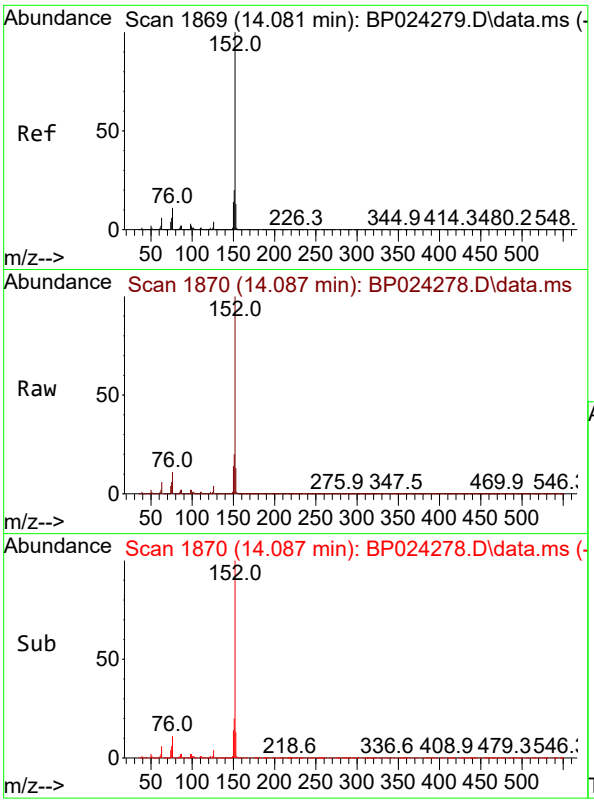


#48
2-Nitroaniline
Concen: 20.811 ng
RT: 13.440 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion: 65 Resp: 218194

Ion	Ratio	Lower	Upper
65	100		
92	74.9	62.3	93.5
138	121.6	97.2	145.8



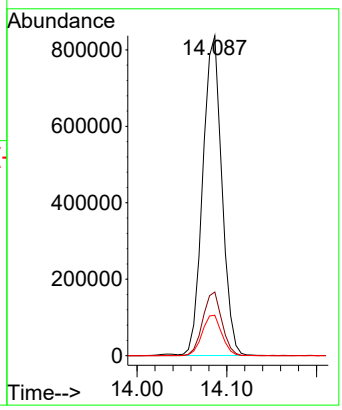


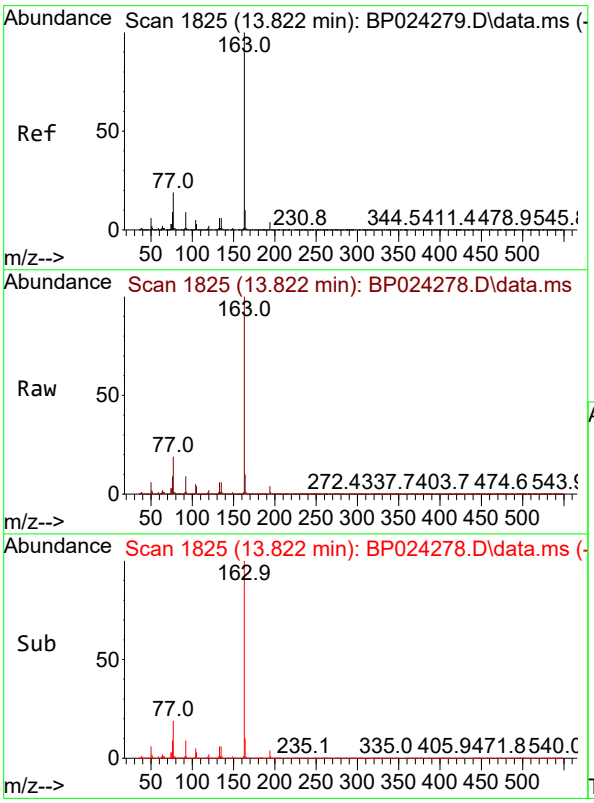
#49
Acenaphthylene
Concen: 20.726 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 1234728

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	12.7	10.6	15.8

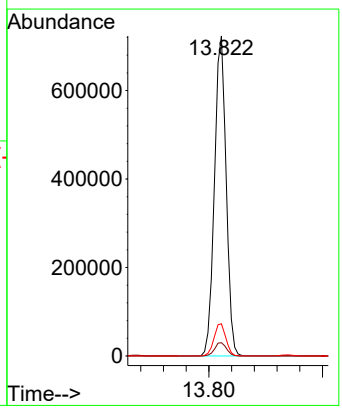


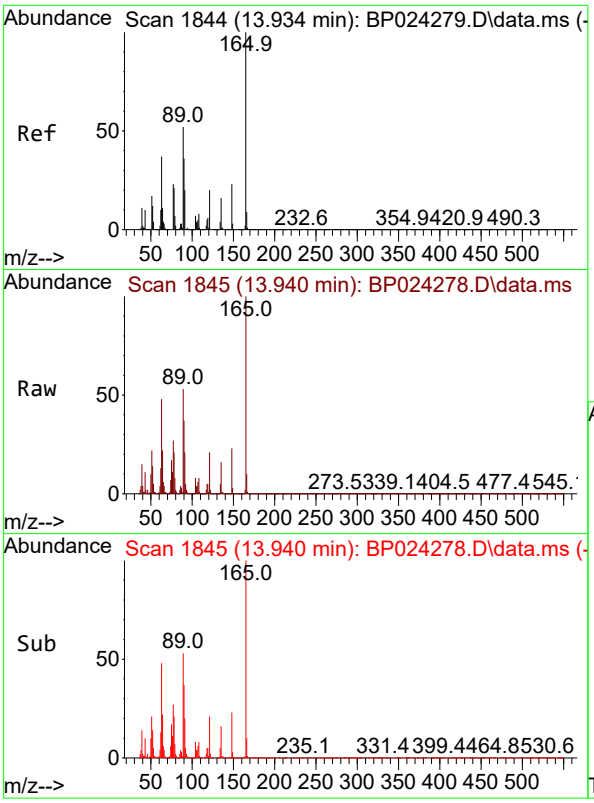


#50
Dimethylphthalate
Concen: 20.489 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:163 Resp: 1029599

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.0	12.0



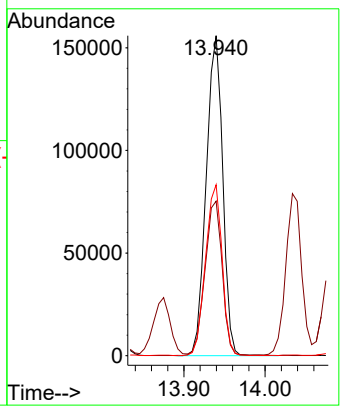


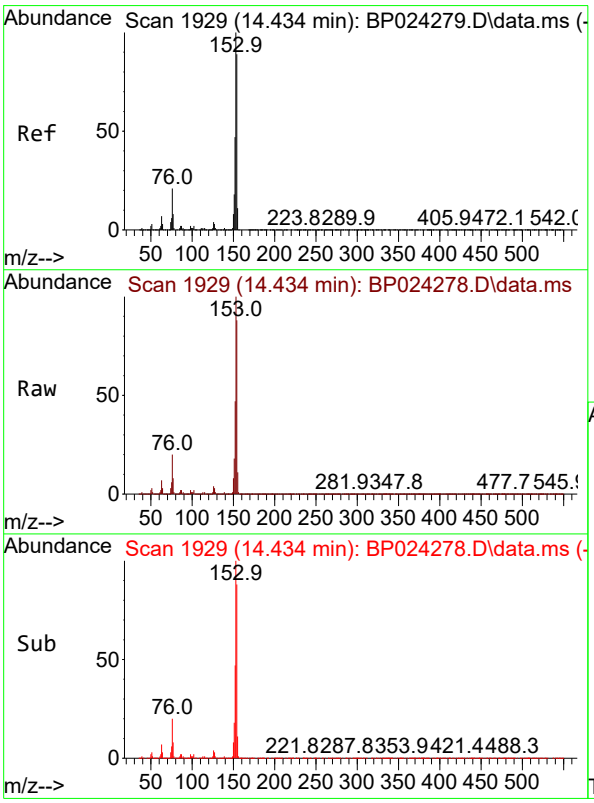
#51
2,6-Dinitrotoluene
Concen: 20.731 ng
RT: 13.940 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 219492

Ion	Ratio	Lower	Upper
165	100		
63	48.3	38.0	57.0
89	53.4	41.7	62.5

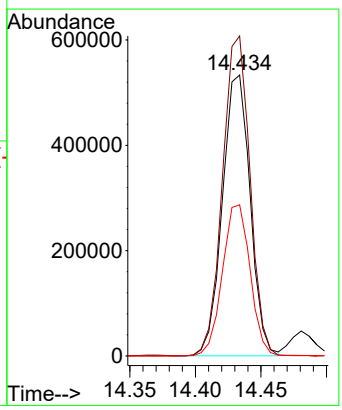


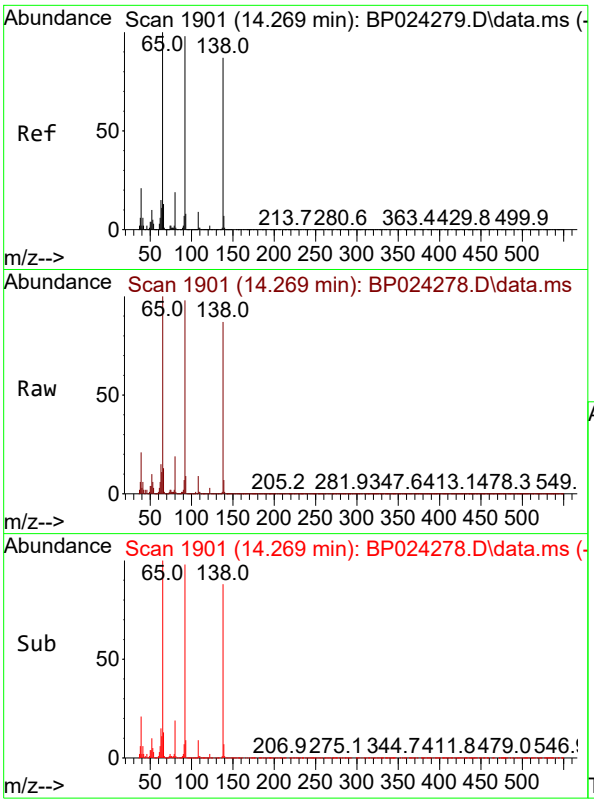


#52
Acenaphthene
Concen: 20.741 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:154 Resp: 785789

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	53.8	42.6	63.8



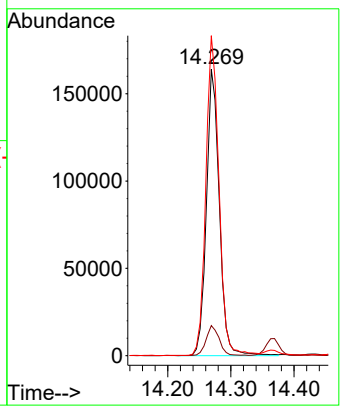


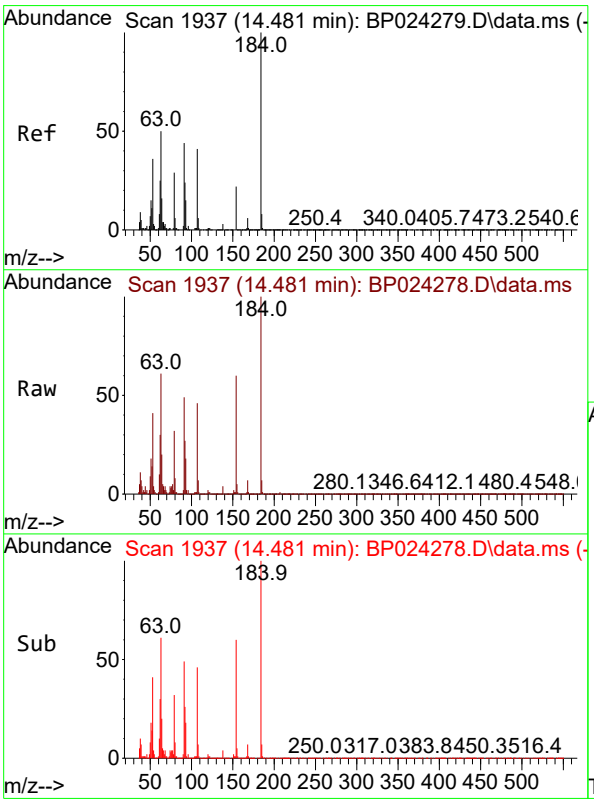
#53
3-Nitroaniline
Concen: 21.212 ng
RT: 14.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 233006

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.7	89.8	134.8

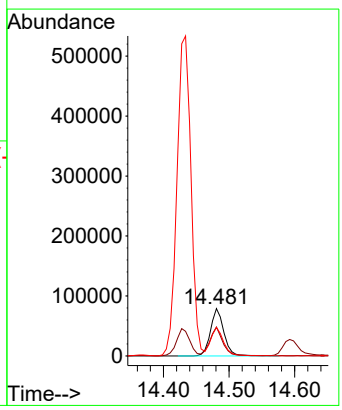


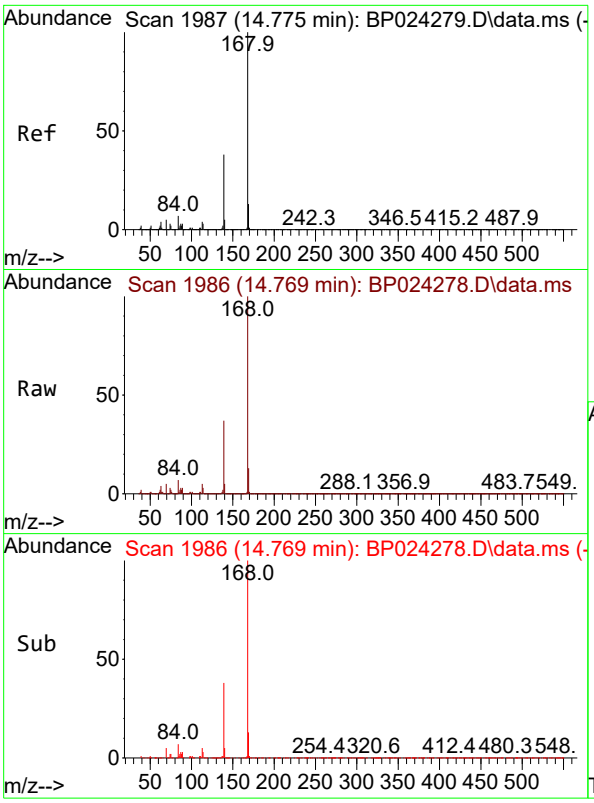


#54
2,4-Dinitrophenol
Concen: 19.785 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:184 Resp: 112157

Ion	Ratio	Lower	Upper
184	100		
63	61.0	42.6	64.0
154	60.0	47.2	70.8



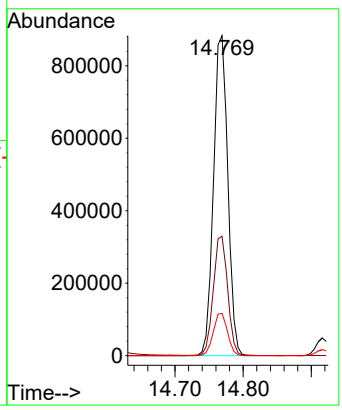


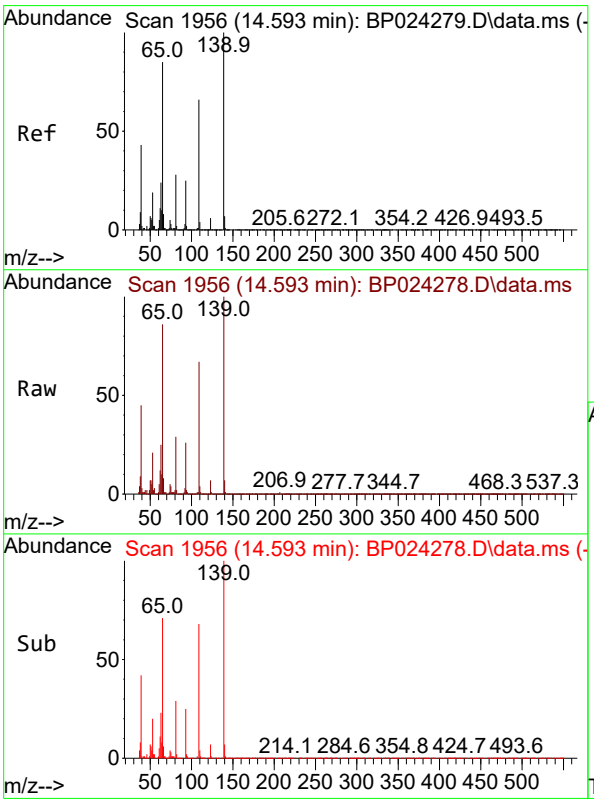
#55
Dibenzofuran
Concen: 20.735 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 1288363

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5
169	13.2	10.6	16.0

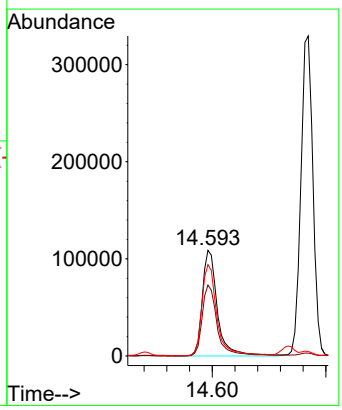


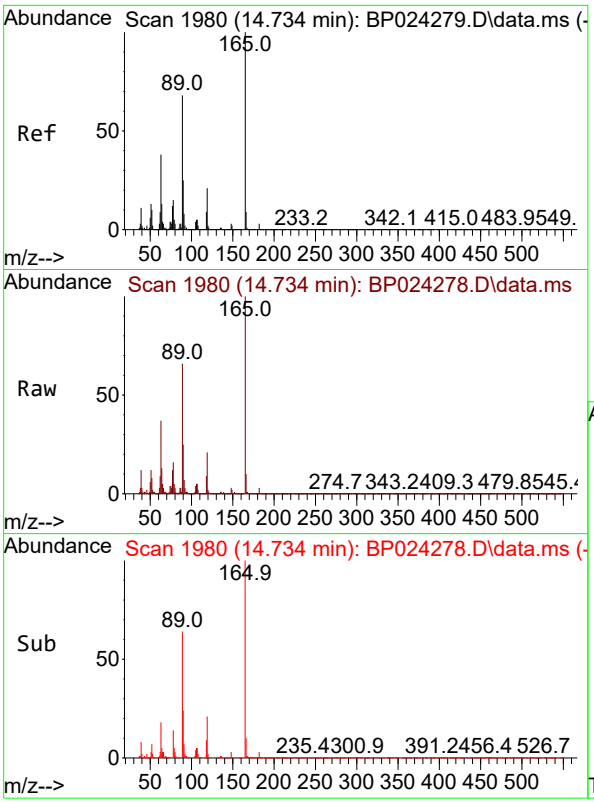


#56
4-Nitrophenol
Concen: 21.109 ng
RT: 14.593 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:139 Resp: 199315

Ion	Ratio	Lower	Upper
139	100		
109	67.0	46.1	86.1
65	86.5	65.0	105.0



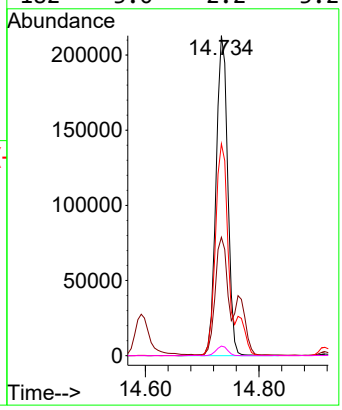


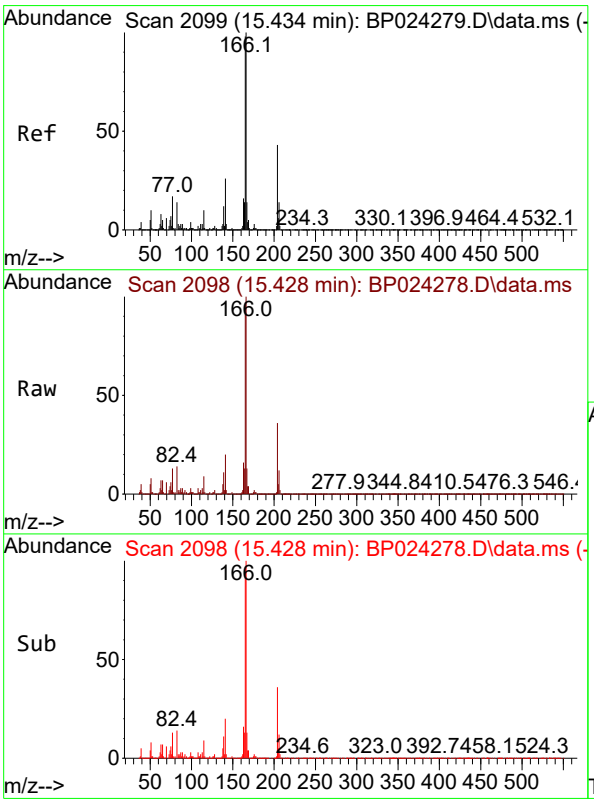
#57
2,4-Dinitrotoluene
Concen: 21.126 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 302332

Ion	Ratio	Lower	Upper
165	100		
63	37.0	30.4	45.6
89	66.2	54.6	82.0
182	3.0	2.2	3.2

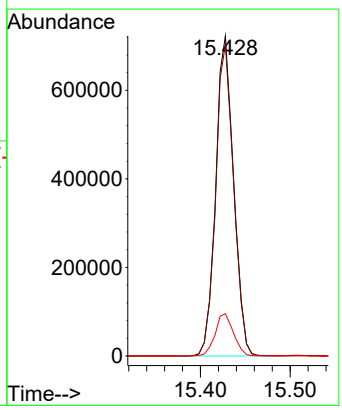


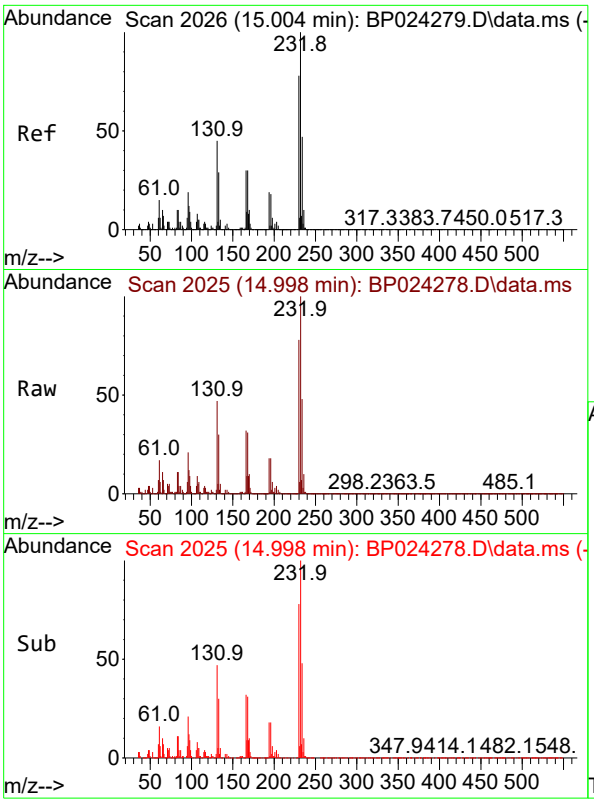


#58
Fluorene
Concen: 20.876 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:166 Resp: 1001515

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.2	10.9	16.3



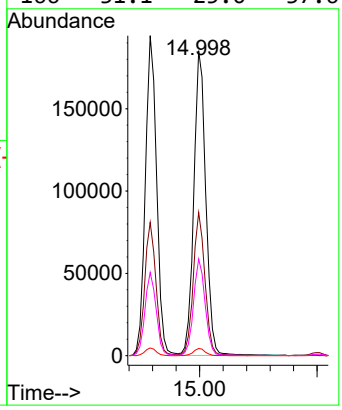


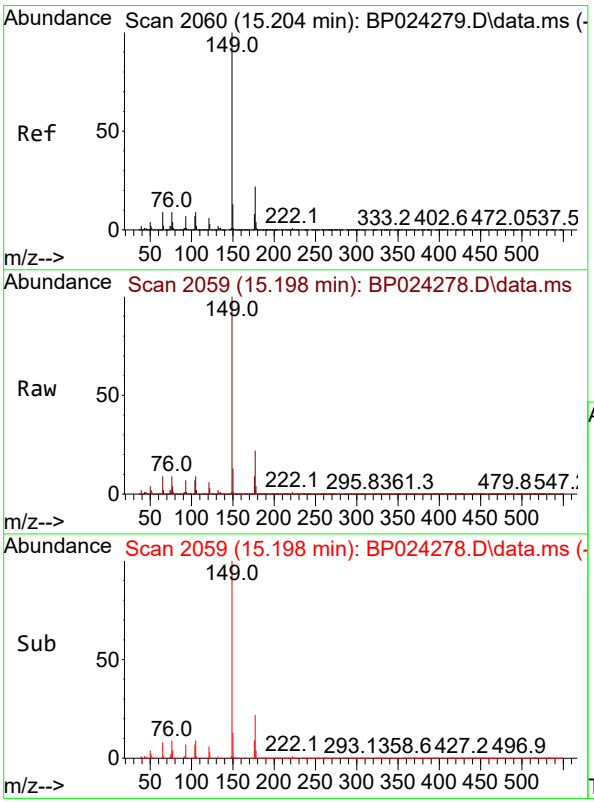
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.523 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 262077

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.8	55.2
130	2.4	1.9	2.9
166	31.1	25.0	37.6

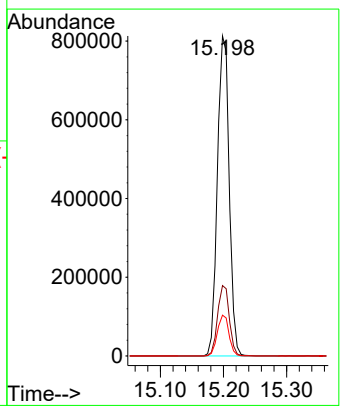


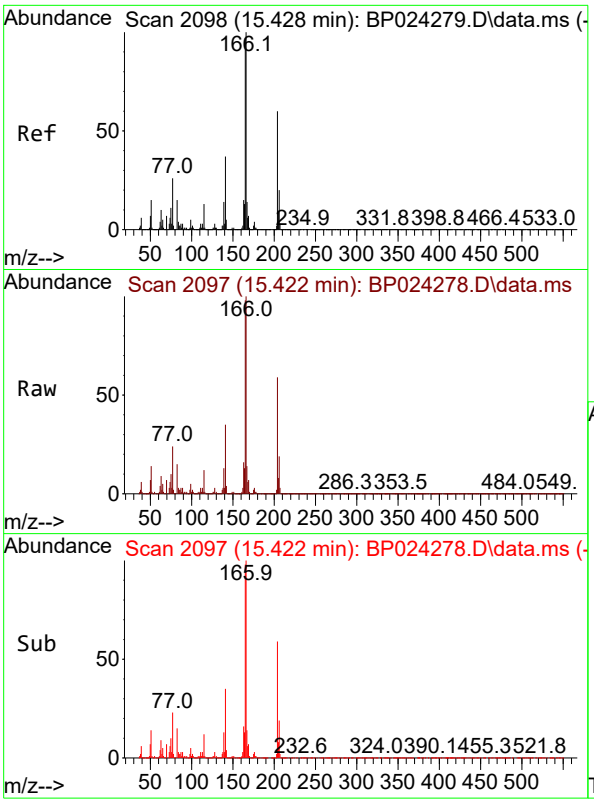


#60
Diethylphthalate
Concen: 20.344 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1052183

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.8	10.1	15.1



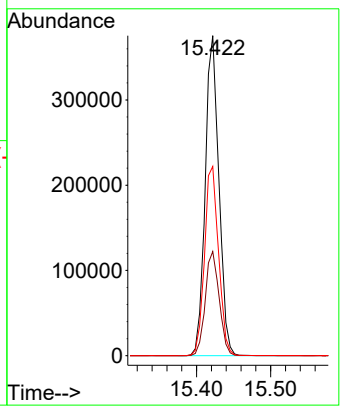


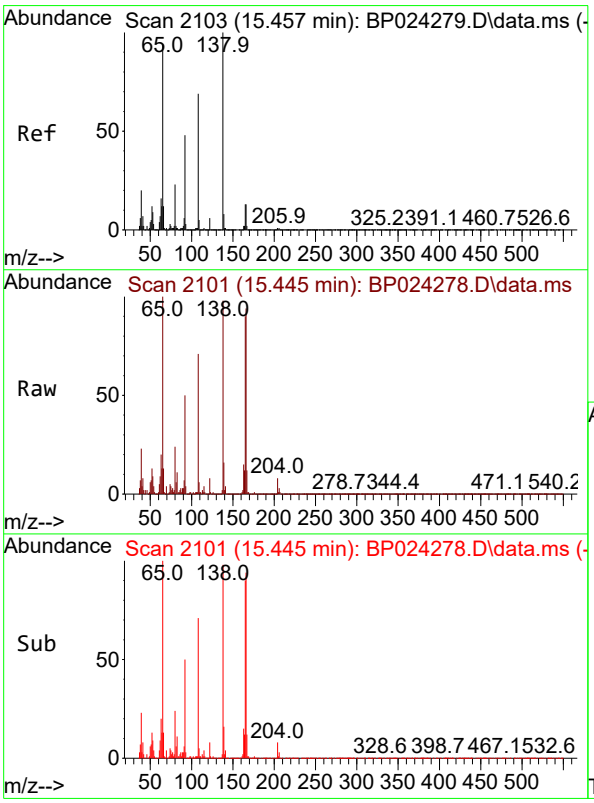
#61
4-Chlorophenyl-phenylether
Concen: 20.675 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 481631

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	59.2	49.4	74.0

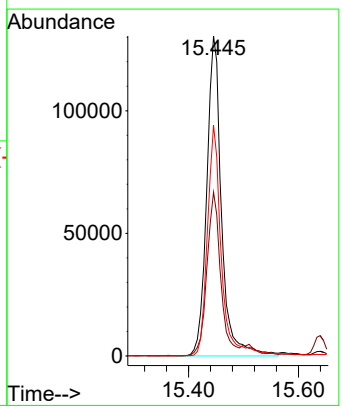


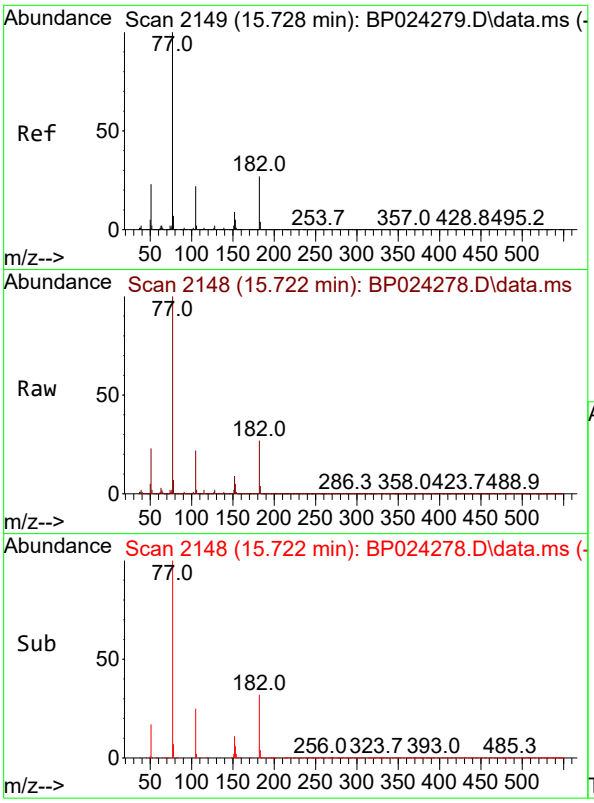


#62
4-Nitroaniline
Concen: 20.888 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:138 Resp: 243257

Ion	Ratio	Lower	Upper
138	100		
92	51.2	27.8	67.8
108	72.0	48.9	88.9



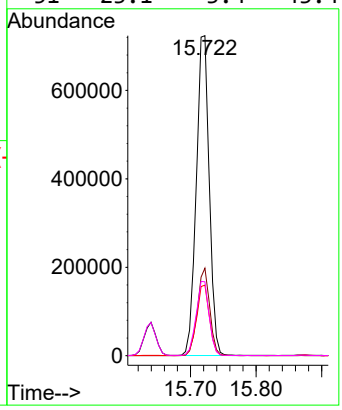


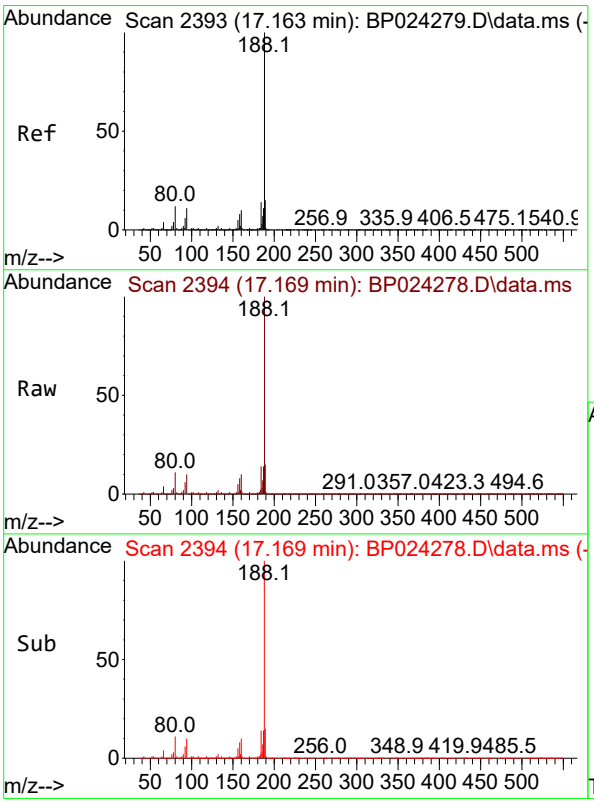
#63
Azobenzene
Concen: 20.907 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 995912

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.0	2.3	42.3
51	23.1	3.4	43.4

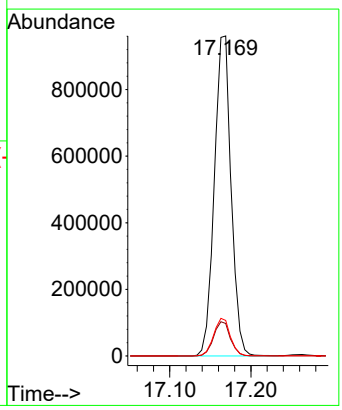


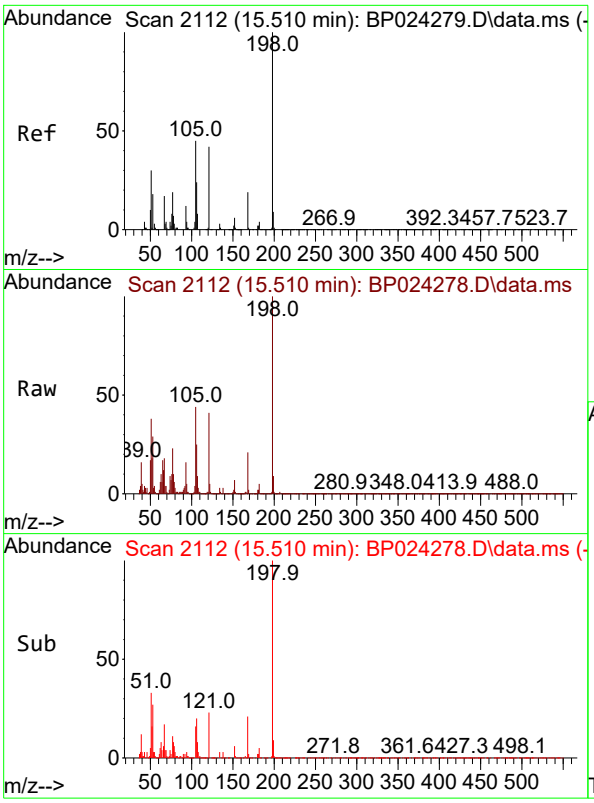


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:188 Resp: 1378480

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	13.0
80	11.1	9.8	14.6



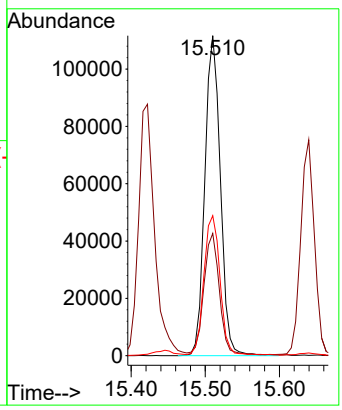


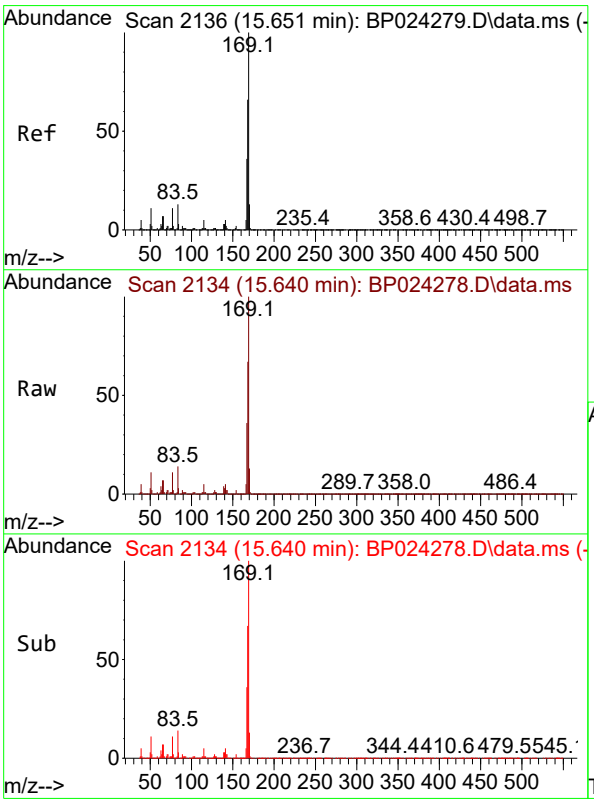
#65
4,6-Dinitro-2-methylphenol
Concen: 20.176 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 162501

Ion	Ratio	Lower	Upper
198	100		
51	38.2	18.4	58.4
105	43.8	26.5	66.5

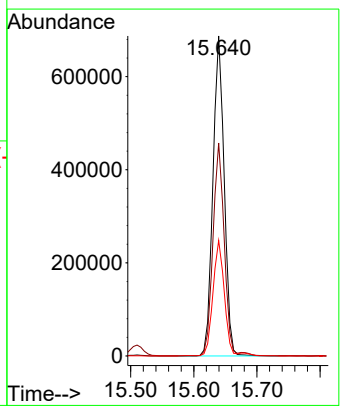


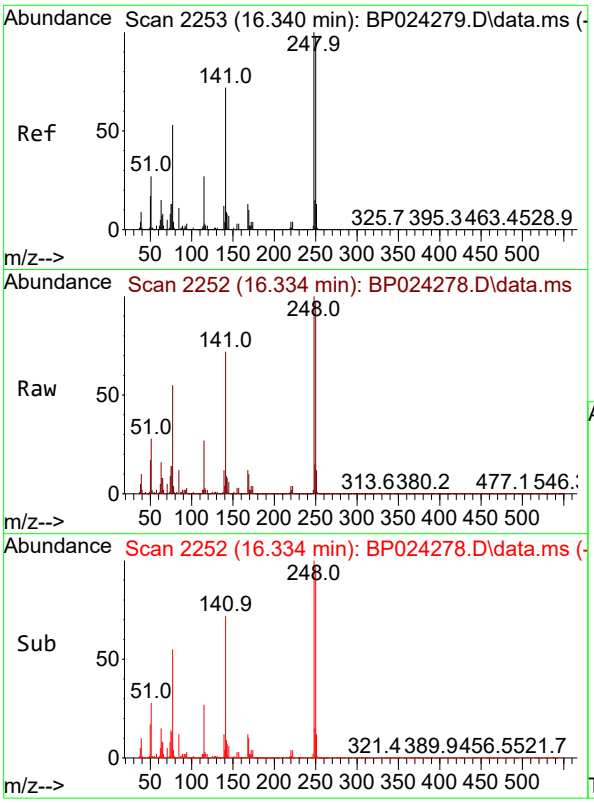


#66
n-Nitrosodiphenylamine
Concen: 20.552 ng
RT: 15.640 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:169 Resp: 849476

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.1	28.9	43.3



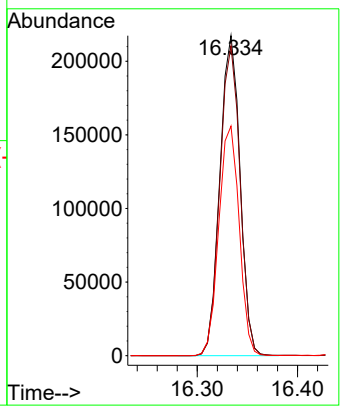


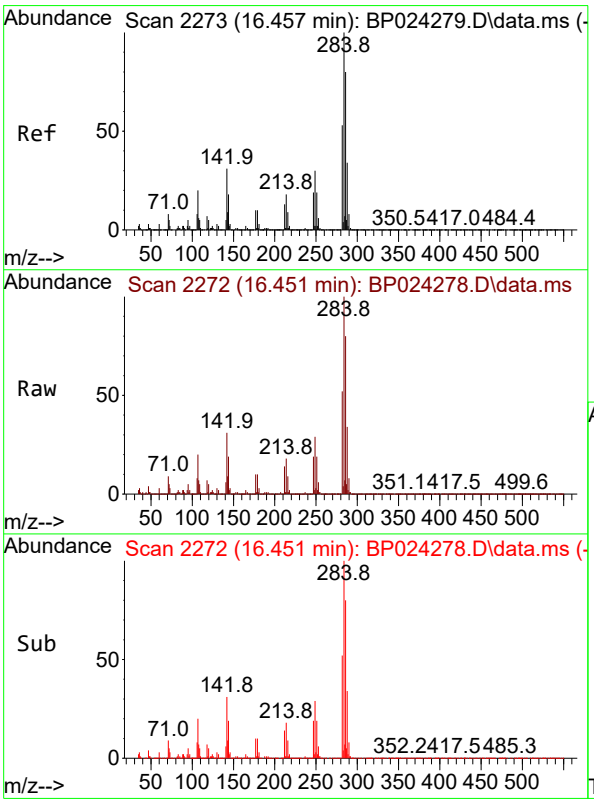
#67
4-Bromophenyl-phenylether
Concen: 20.125 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 302601

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	71.8	57.7	86.5

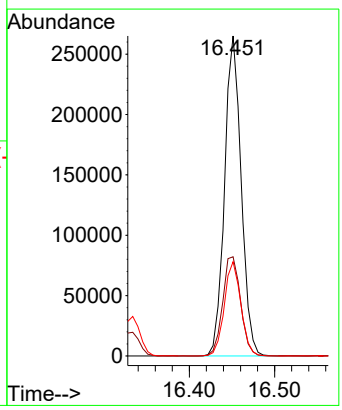


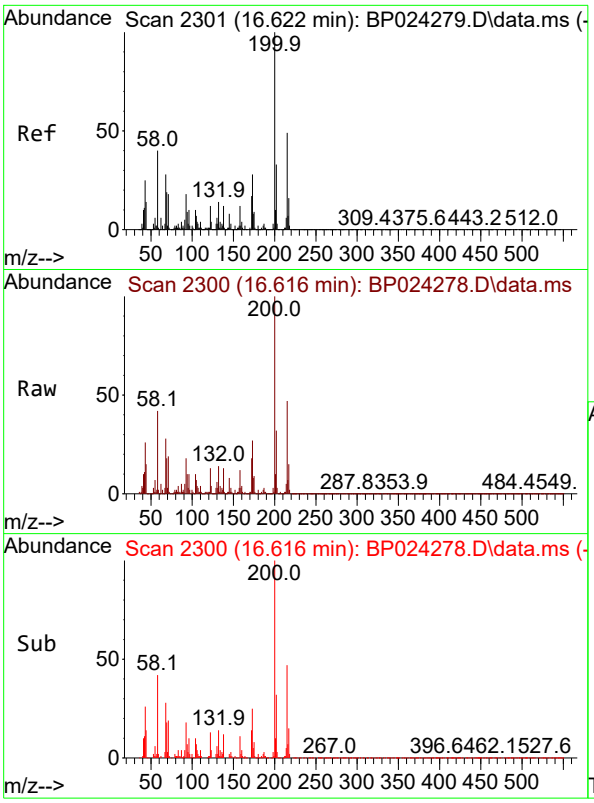


#68
Hexachlorobenzene
Concen: 20.077 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:284 Resp: 358889

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	29.5	23.8	35.6



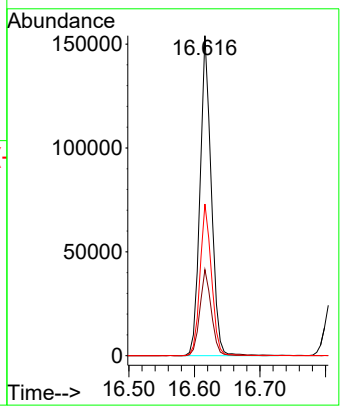


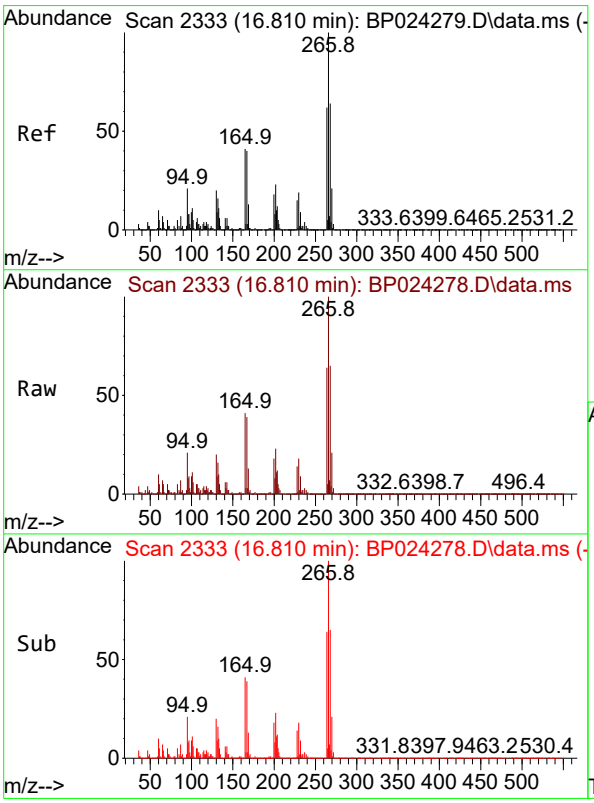
#69
Atrazine
Concen: 17.573 ng
RT: 16.616 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 184151

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.5	47.5
215	47.4	28.8	68.8

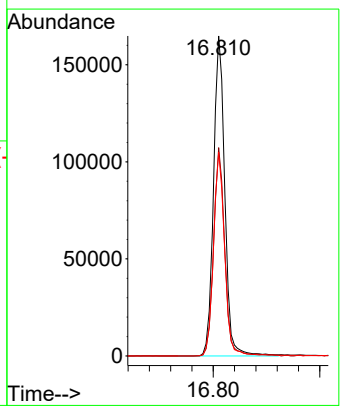


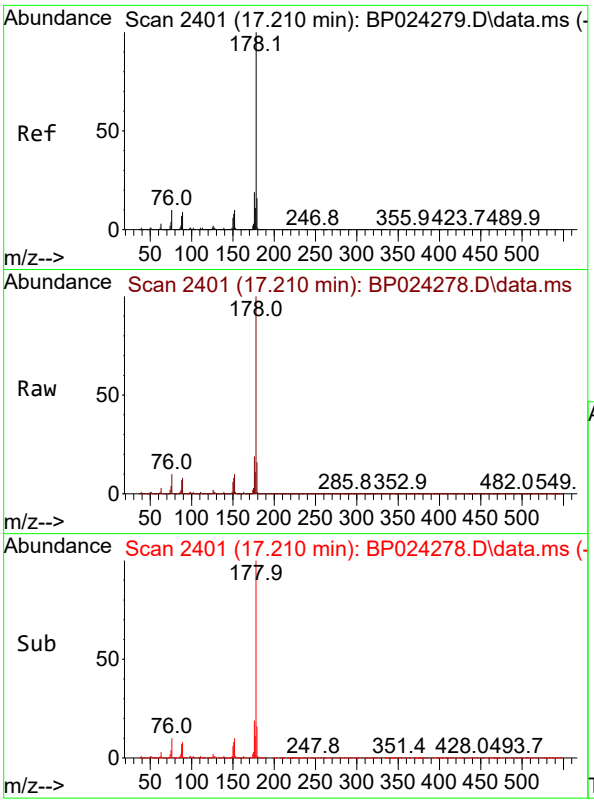


#70
Pentachlorophenol
Concen: 19.702 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:266 Resp: 241815

Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.0	76.6
264	63.6	49.8	74.6



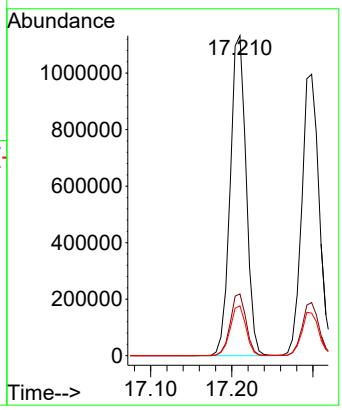


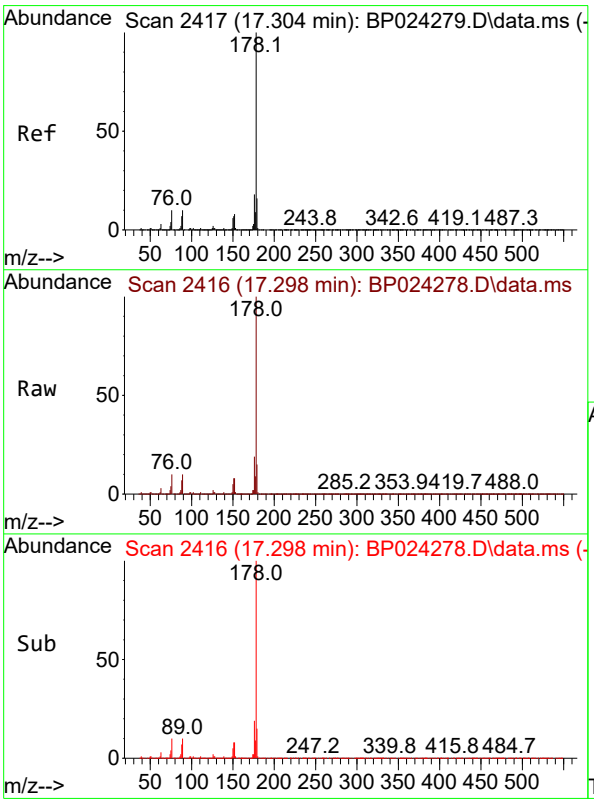
#71
Phenanthrene
Concen: 20.378 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 1540112

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.6	12.5	18.7

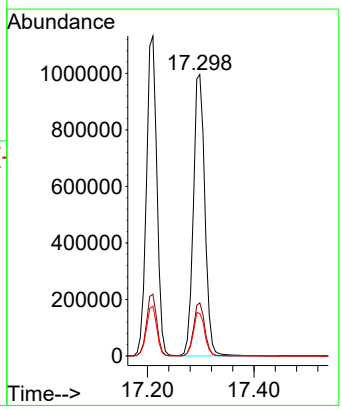


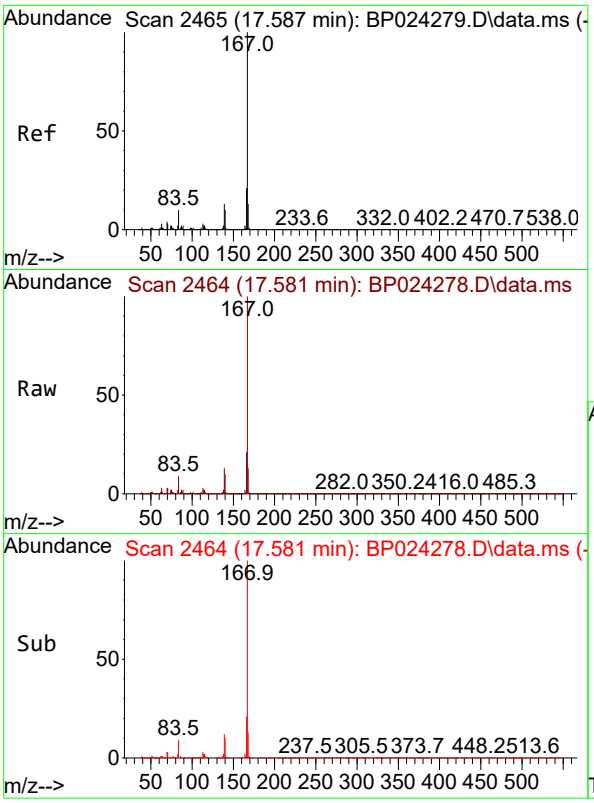


#72
Anthracene
Concen: 20.543 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:178 Resp: 1494006

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.1	12.4	18.6



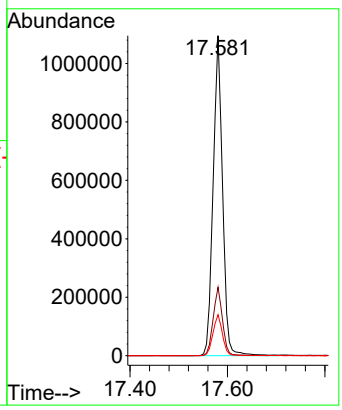


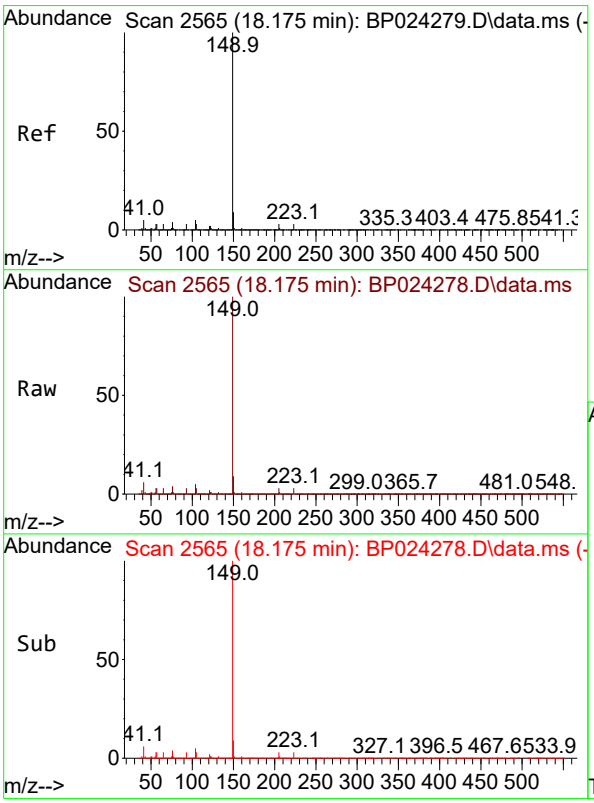
#73
Carbazole
Concen: 20.653 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 1461729

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.6	16.0

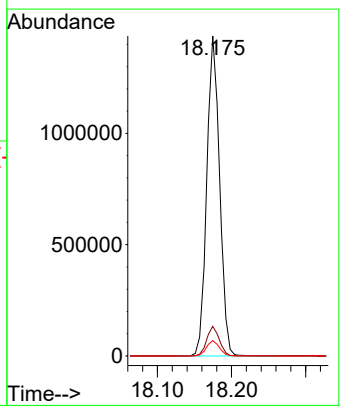


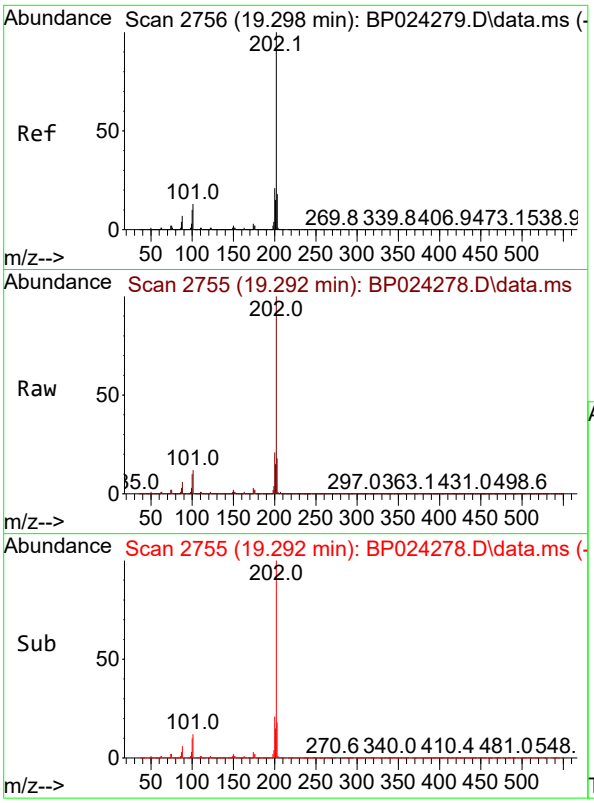


#74
Di-n-butylphthalate
Concen: 19.585 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1727074

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.9	5.9



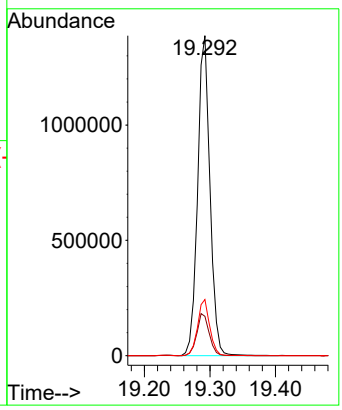


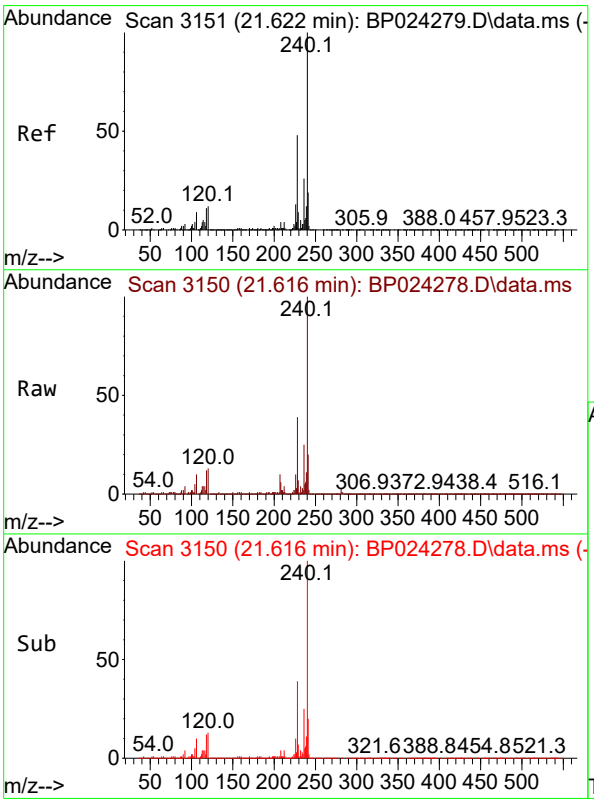
#75
Fluoranthene
Concen: 20.218 ng
RT: 19.292 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 1813662

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.6	0.0	37.7

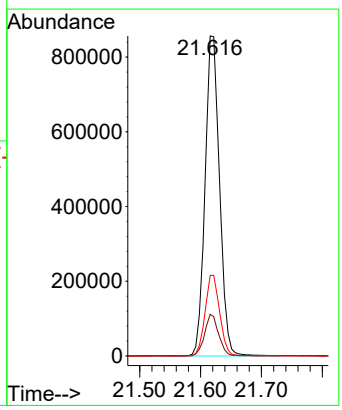


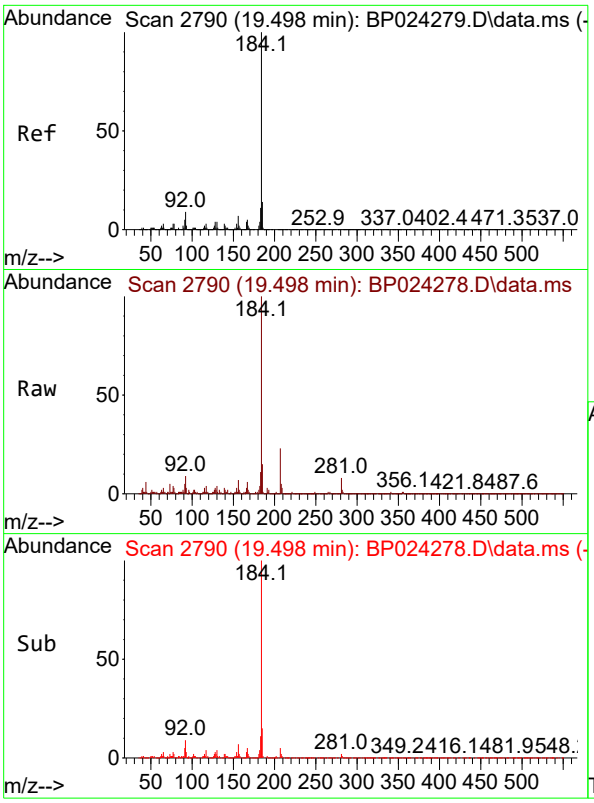


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:240 Resp: 1415765

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.8	14.8
236	25.2	20.9	31.3



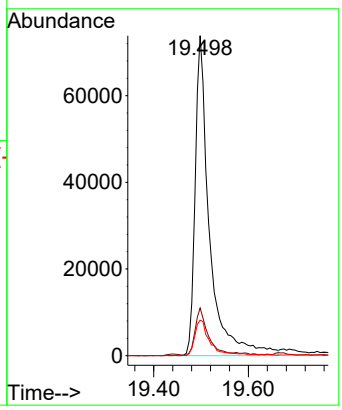


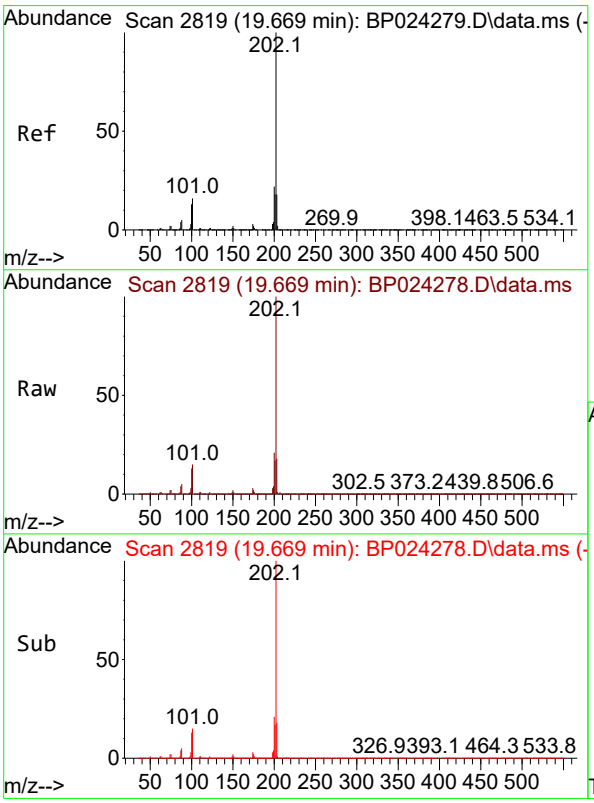
#77
Benzidine
Concen: 8.867 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 154964

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	11.1	9.2	13.8

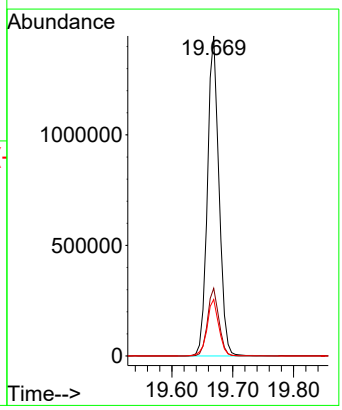


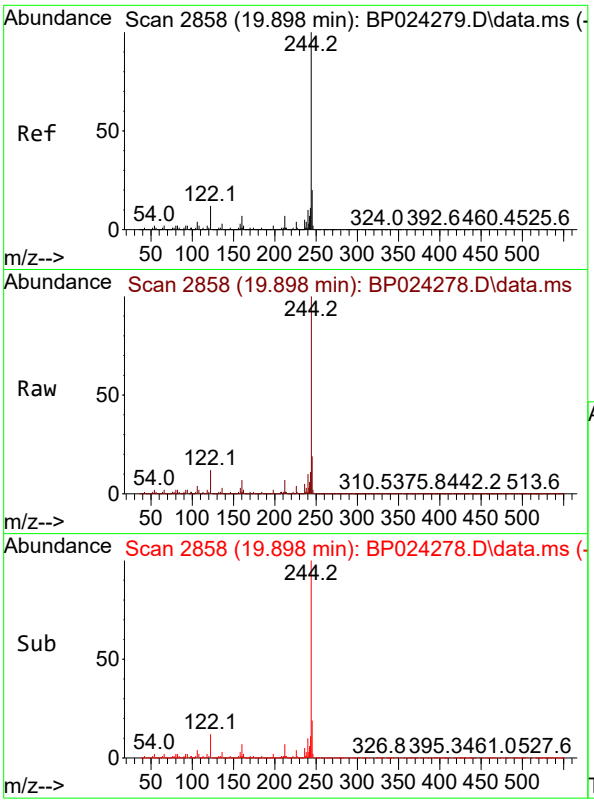


#78
Pyrene
Concen: 21.028 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:202 Resp: 1904884

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.6	14.4	21.6



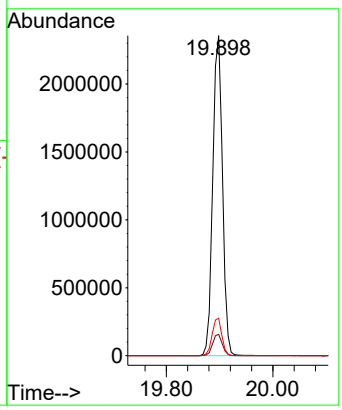


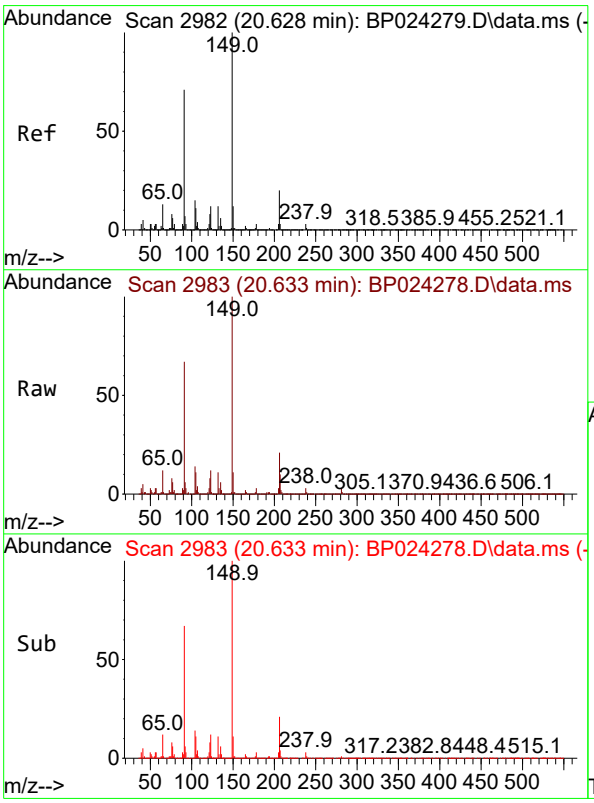
#79
Terphenyl-d14
Concen: 42.062 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 2987245

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.7	9.4	14.0

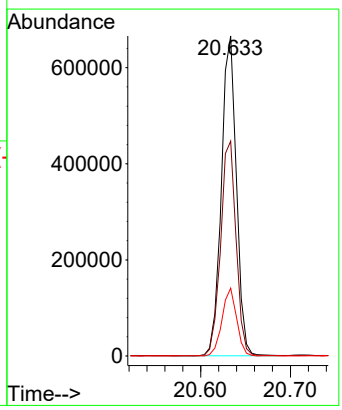


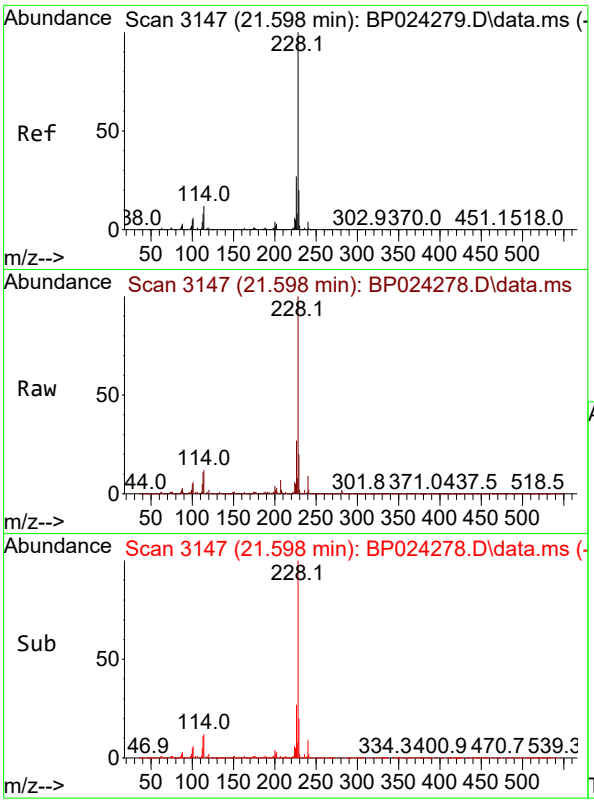


#80
Butylbenzylphthalate
Concen: 20.235 ng
RT: 20.633 min Scan# 2983
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 772776

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	21.2	16.3	24.5



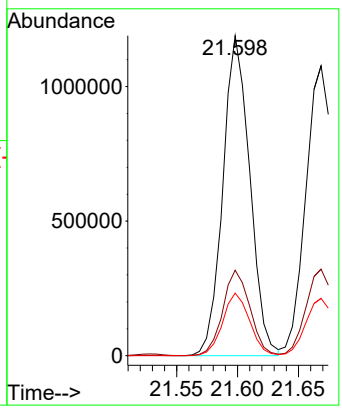


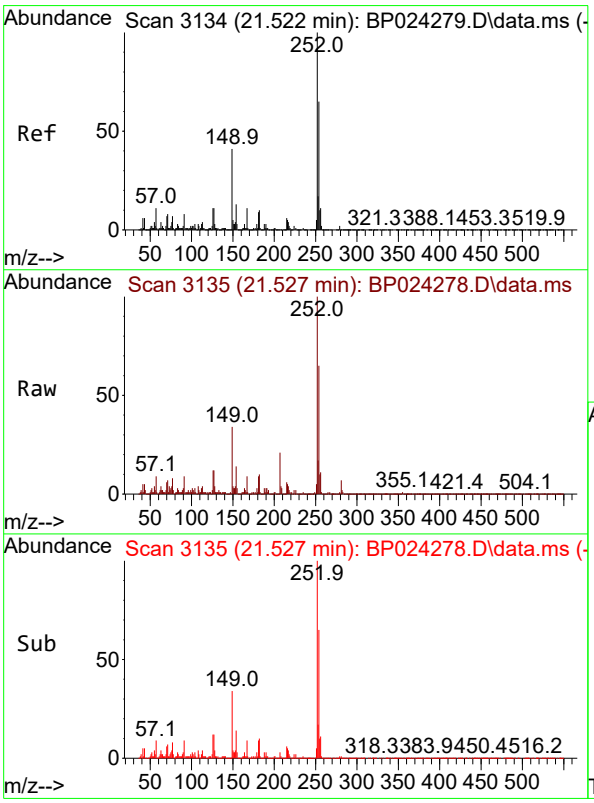
#81
Benzo(a)anthracene
Concen: 20.732 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1829798

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.6	15.9	23.9

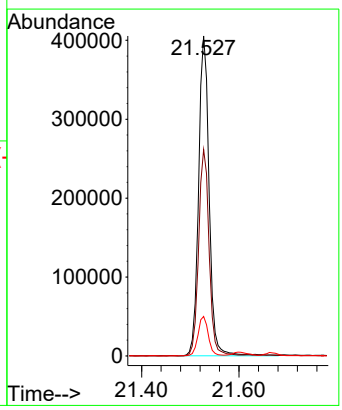


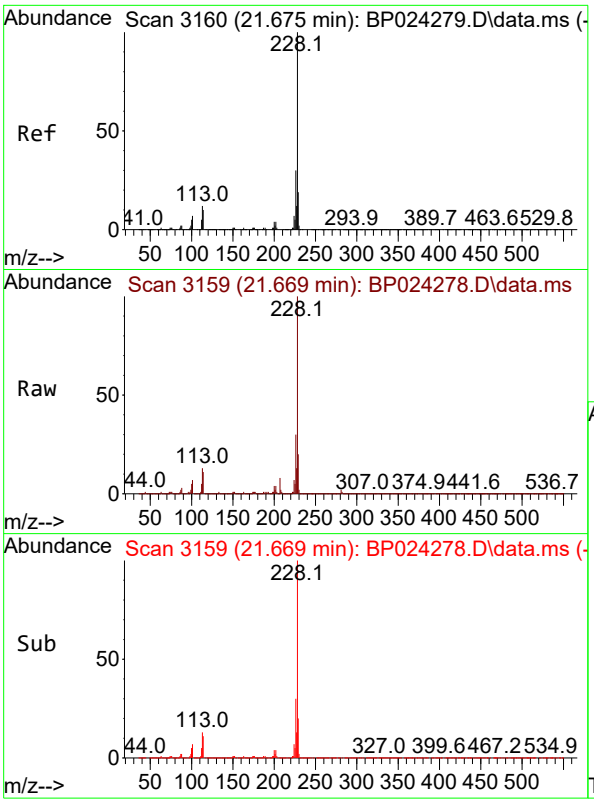


#82
3,3'-Dichlorobenzidine
Concen: 19.956 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 610749

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.7	77.5
126	12.4	8.8	13.2



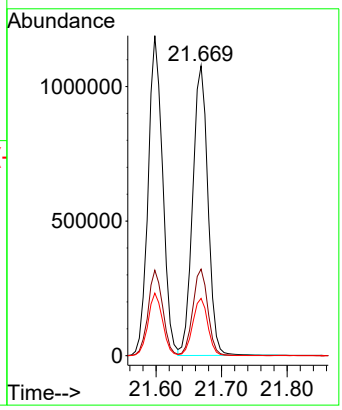


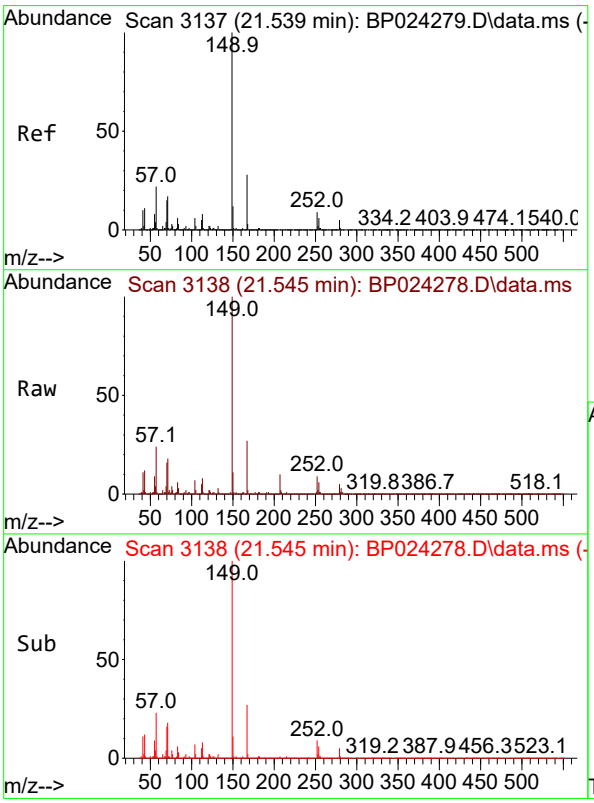
#83
Chrysene
Concen: 20.565 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1739548

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.8	15.6	23.4

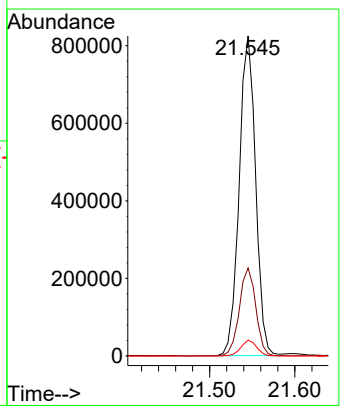


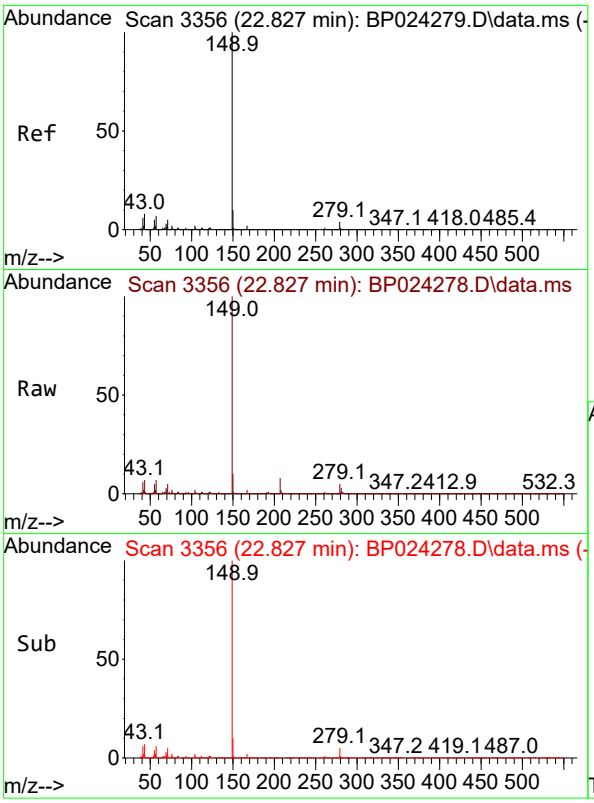


#84
Bis(2-ethylhexyl)phthalate
Concen: 19.616 ng
RT: 21.545 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:149 Resp: 1103263

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.4	33.6
279	4.9	4.0	6.0



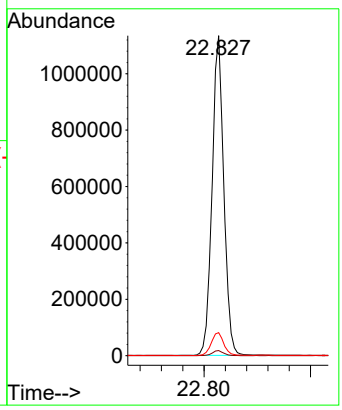


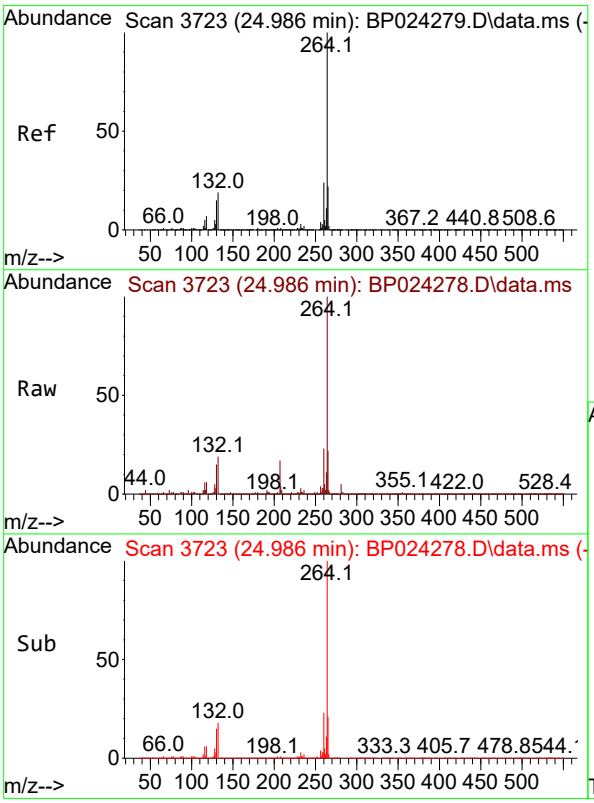
#85
Di-n-octyl phthalate
Concen: 19.207 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 1730436

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.7	6.0	9.0

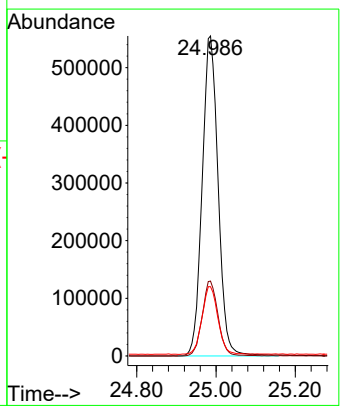


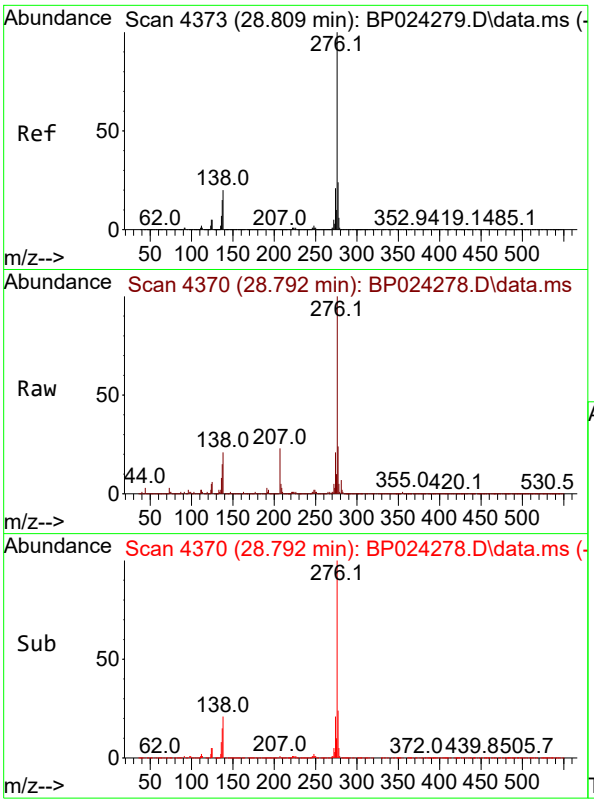


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:264 Resp: 1549781

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.7	17.8	26.6



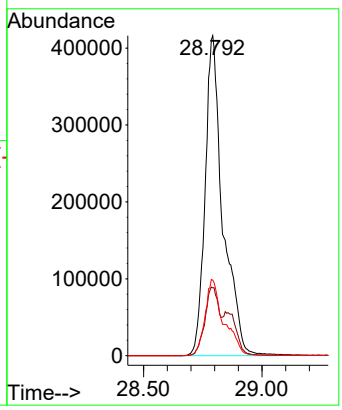


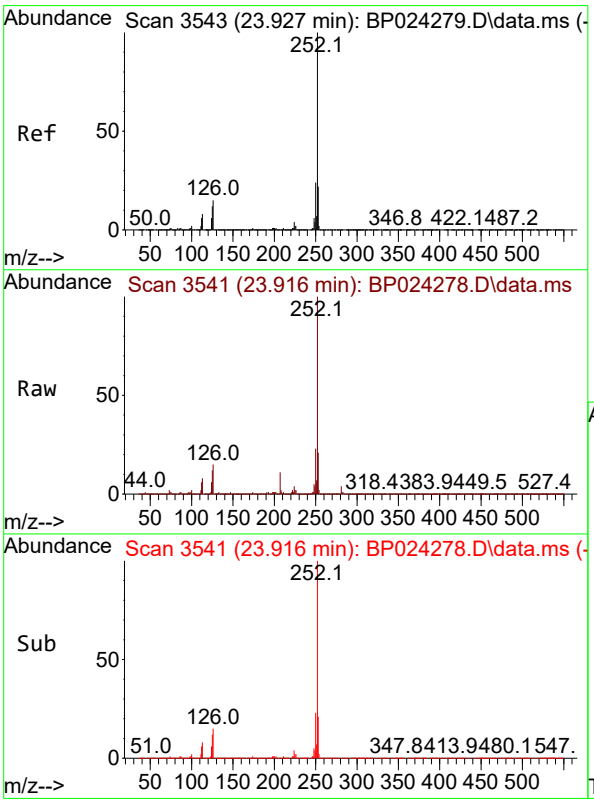
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.454 ng
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 2180177

Ion	Ratio	Lower	Upper
276	100		
138	16.7	14.5	21.7
277	25.2	20.2	30.2

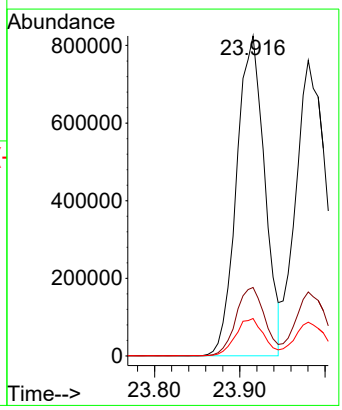


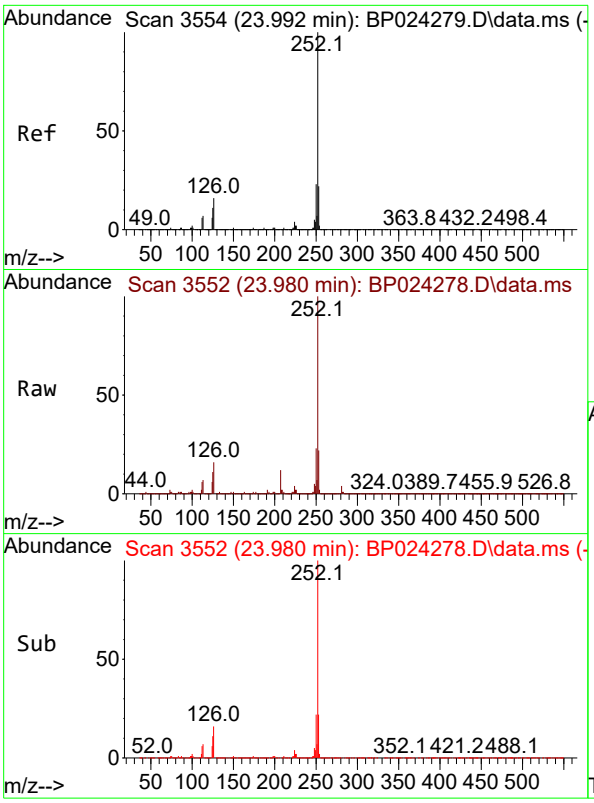


#88
Benzo(b)fluoranthene
Concen: 20.337 ng
RT: 23.916 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1885654

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.7	9.4	14.0



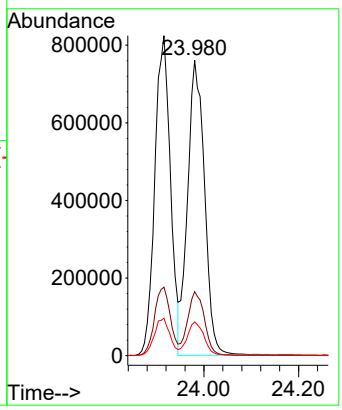


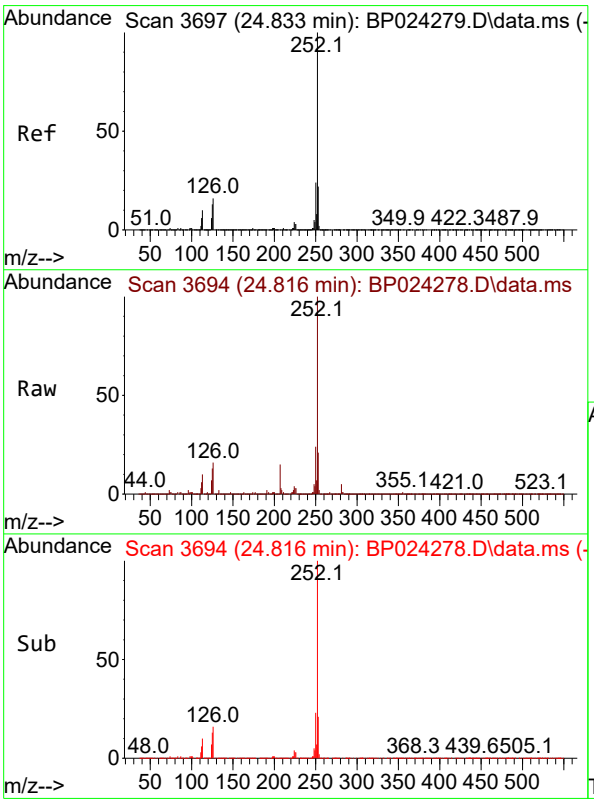
#89
Benzo(k)fluoranthene
Concen: 20.955 ng
RT: 23.980 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 1885747

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	11.4	9.1	13.7

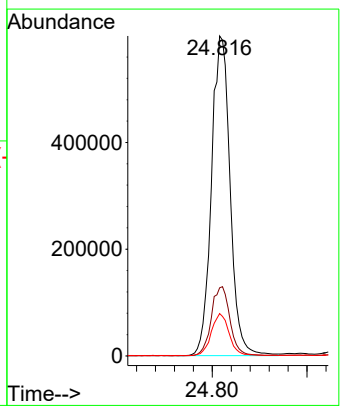


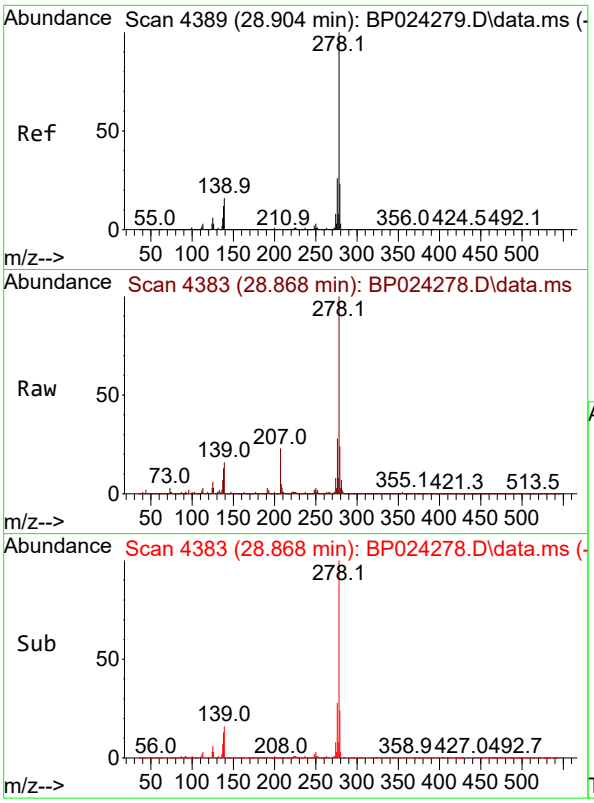


#90
Benzo(a)pyrene
Concen: 20.518 ng
RT: 24.816 min Scan# 3694
Delta R.T. -0.018 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:252 Resp: 1637648

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	13.2	10.1	15.1



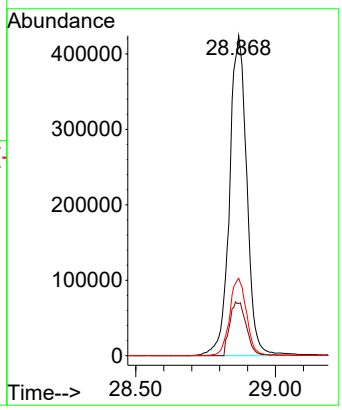


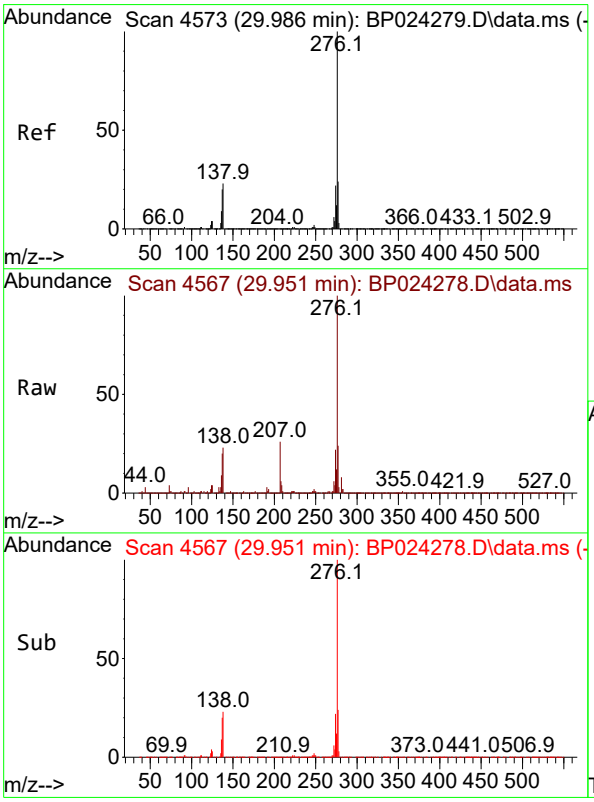
#91
Dibenzo(a,h)anthracene
Concen: 20.480 ng
RT: 28.868 min Scan# 4
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 1815743

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	24.2	18.5	27.7

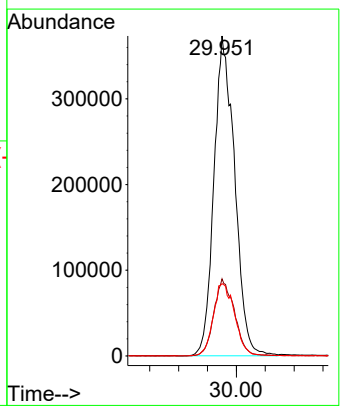




#92
Benzo(g,h,i)perylene
Concen: 20.571 ng
RT: 29.951 min Scan# 4567
Delta R.T. -0.035 min
Lab File: BP024278.D
Acq: 14 Apr 2025 13:08

Tgt Ion:276 Resp: 1856380

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	22.6	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	246363	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1046876	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	657357	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1277198	20.000	ng	0.00
76) Chrysene-d12	21.622	240	1349860	20.000	ng	0.00
86) Perylene-d12	24.986	264	1485135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1236220	82.813	ng	0.00
7) Phenol-d6	6.916	99	1722202	84.332	ng	0.00
23) Nitrobenzene-d5	8.875	82	1540790	83.791	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	759528	84.379	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3591010	82.939	ng	0.00
79) Terphenyl-d14	19.898	244	5570563	82.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	252519	39.624	ng	100
3) Pyridine	3.693	79	687730	41.457	ng	100
4) n-Nitrosodimethylamine	3.599	42	225273	40.725	ng	100
6) Aniline	7.069	93	781907	42.413	ng	100
8) 2-Chlorophenol	7.305	128	689257	41.317	ng	100
9) Benzaldehyde	6.881	77	411846	38.937	ng	100
10) Phenol	6.940	94	862244	42.050	ng	100
11) bis(2-Chloroethyl)ether	7.164	93	688989	41.581	ng	100
12) 1,3-Dichlorobenzene	7.622	146	732329	40.516	ng	100
13) 1,4-Dichlorobenzene	7.763	146	736270	40.171	ng	100
14) 1,2-Dichlorobenzene	8.081	146	711951	40.172	ng	100
15) Benzyl Alcohol	7.969	79	570437	43.581	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.252	45	746041	41.386	ng	100
17) 2-Methylphenol	8.169	107	561621	42.503	ng	100
18) Hexachloroethane	8.799	117	266915	40.349	ng	100
19) n-Nitroso-di-n-propyla...	8.528	70	533912	42.092	ng	100
20) 3+4-Methylphenols	8.499	107	784336	42.854	ng	100
22) Acetophenone	8.546	105	1086788	41.770	ng	100
24) Nitrobenzene	8.922	77	762756	41.852	ng	100
25) Isophorone	9.440	82	1408146	42.419	ng	100
26) 2-Nitrophenol	9.628	139	383751	43.852	ng	100
27) 2,4-Dimethylphenol	9.687	122	472488	42.600	ng	100
28) bis(2-Chloroethoxy)met...	9.922	93	947250	41.926	ng	100
29) 2,4-Dichlorophenol	10.157	162	645849	42.725	ng	100
30) 1,2,4-Trichlorobenzene	10.369	180	671264	41.046	ng	100
31) Naphthalene	10.557	128	2258924	40.765	ng	100
32) Benzoic acid	9.828	122	506813	42.286	ng	100
33) 4-Chloroaniline	10.669	127	830870	42.913	ng	100
34) Hexachlorobutadiene	10.846	225	394737	41.146	ng	100
35) Caprolactam	11.452	113	234519	42.256	ng	100
36) 4-Chloro-3-methylphenol	11.793	107	747541	42.438	ng	100
37) 2-Methylnaphthalene	12.163	142	1580497	41.154	ng	100
38) 1-Methylnaphthalene	12.381	142	1530982	40.695	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	757748	41.945	ng	100
41) Hexachlorocyclopentadiene	12.522	237	286135	45.116	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	511566	43.038	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	561631	42.637	ng	100
46) 1,1'-Biphenyl	13.187	154	2010029	41.404	ng	100
47) 2-Chloronaphthalene	13.228	162	1497152	41.328	ng	100
48) 2-Nitroaniline	13.434	65	434050	43.377	ng	100
49) Acenaphthylene	14.081	152	2384785	41.944	ng	100
50) Dimethylphthalate	13.822	163	1965142	40.976	ng	100
51) 2,6-Dinitrotoluene	13.934	165	427248	42.283	ng	100
52) Acenaphthene	14.434	154	1480526	40.947	ng	100
53) 3-Nitroaniline	14.269	138	465347	44.389	ng	100
54) 2,4-Dinitrophenol	14.481	184	244714	45.231	ng	100
55) Dibenzofuran	14.775	168	2409526	40.633	ng	100
56) 4-Nitrophenol	14.593	139	401591	44.564	ng	100
57) 2,4-Dinitrotoluene	14.734	165	588798	43.110	ng	100
58) Fluorene	15.434	166	1838264	40.150	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	511714	41.987	ng	100
60) Diethylphthalate	15.204	149	2037863	41.286	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	894350	40.226	ng	100
62) 4-Nitroaniline	15.457	138	485622	43.693	ng	100
63) Azobenzene	15.728	77	1881773	41.392	ng	100
65) 4,6-Dinitro-2-methylph...	15.510	198	335347	44.938	ng	100
66) n-Nitrosodiphenylamine	15.651	169	1609251	42.021	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	587416	42.165	ng	100
68) Hexachlorobenzene	16.457	284	692546	41.815	ng	100
69) Atrazine	16.622	200	308618	31.786	ng	100
70) Pentachlorophenol	16.810	266	499858	43.955	ng	100
71) Phenanthrene	17.210	178	2879498	41.121	ng	100
72) Anthracene	17.304	178	2838724	42.130	ng	100
73) Carbazole	17.587	167	2770072	42.242	ng	100
74) Di-n-butylphthalate	18.175	149	3571220	43.708	ng	100
75) Fluoranthene	19.298	202	3441282	41.404	ng	100
77) Benzidine	19.498	184	1178258	70.714	ng	100
78) Pyrene	19.669	202	3523104	40.790	ng	100
80) Butylbenzylphthalate	20.628	149	1607881	44.158	ng	100
81) Benzo(a)anthracene	21.598	228	3489938	41.472	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	1311770	44.953	ng	100
83) Chrysene	21.675	228	3274153	40.596	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2411998	44.979	ng	100
85) Di-n-octyl phthalate	22.827	149	3943939	45.913	ng	100
87) Indeno(1,2,3-cd)pyrene	28.809	276	4288630	41.987	ng	100
88) Benzo(b)fluoranthene	23.927	252	3737035	42.058	ng	100
89) Benzo(k)fluoranthene	23.992	252	3600626	41.753	ng	100
90) Benzo(a)pyrene	24.833	252	3240684	42.369	ng	100
91) Dibenzo(a,h)anthracene	28.904	278	3573562	42.061	ng	100
92) Benzo(g,h,i)perylene	29.986	276	3617069	41.826	ng	100

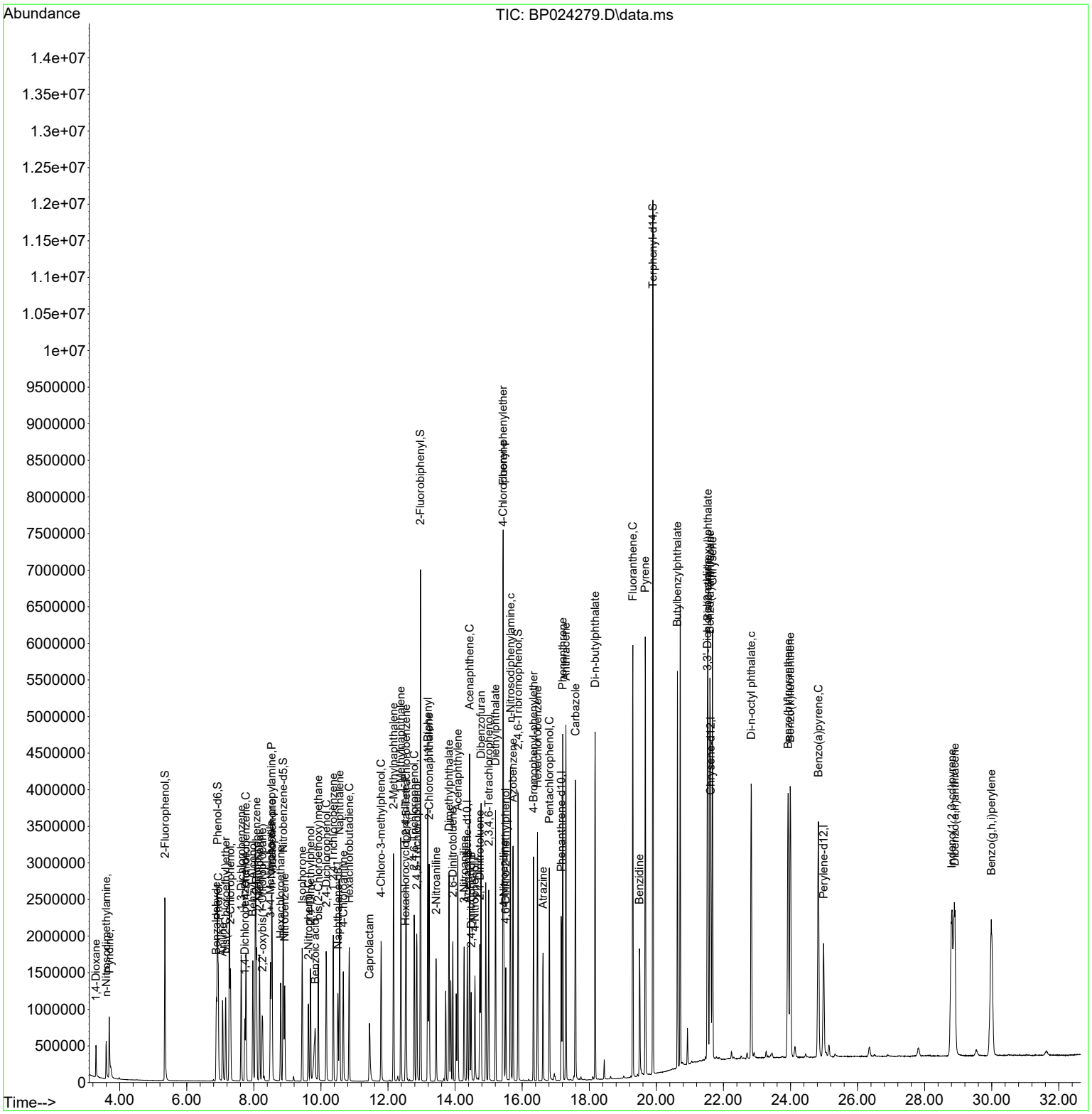
(#) = qualifier out of range (m) = manual integration (+) = signals summed

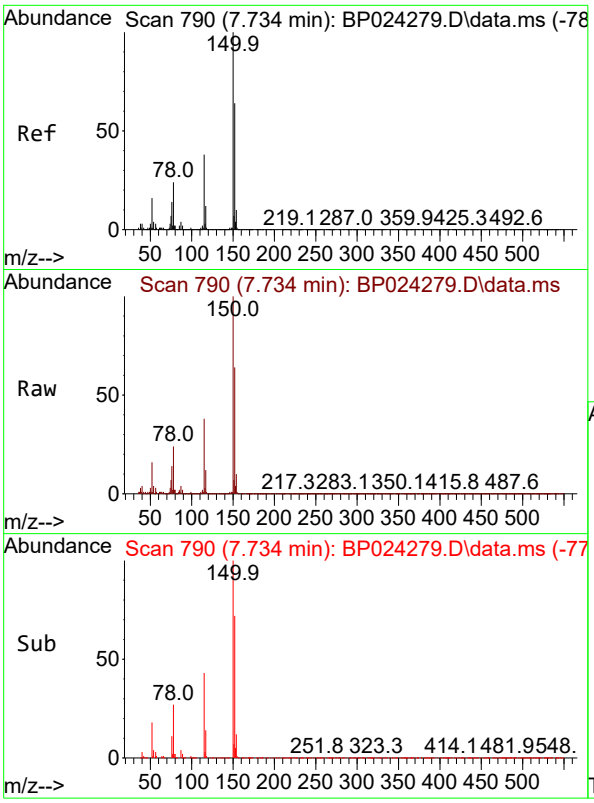
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024279.D
Acq On : 14 Apr 2025 13:49
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Apr 14 17:26:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



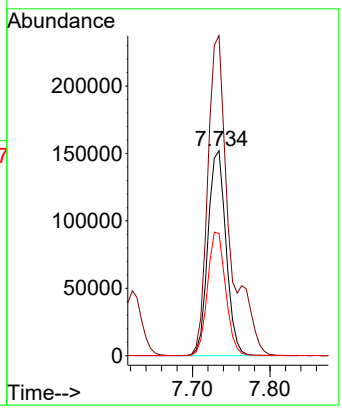


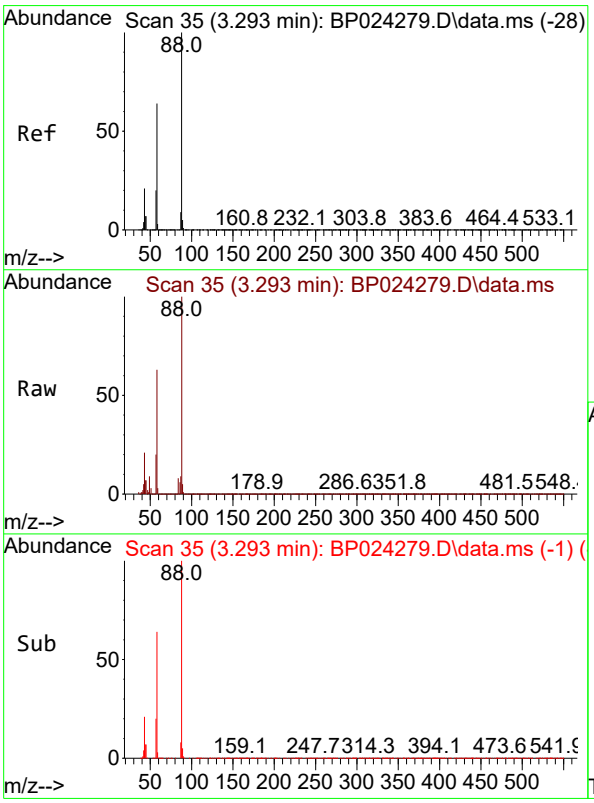
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 246363

Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	59.6	47.7	71.5

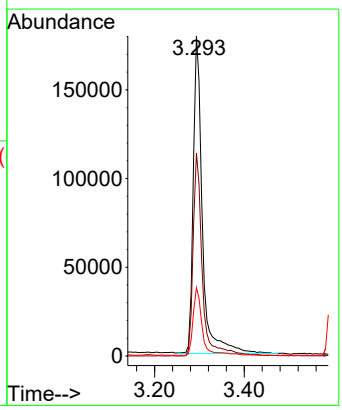


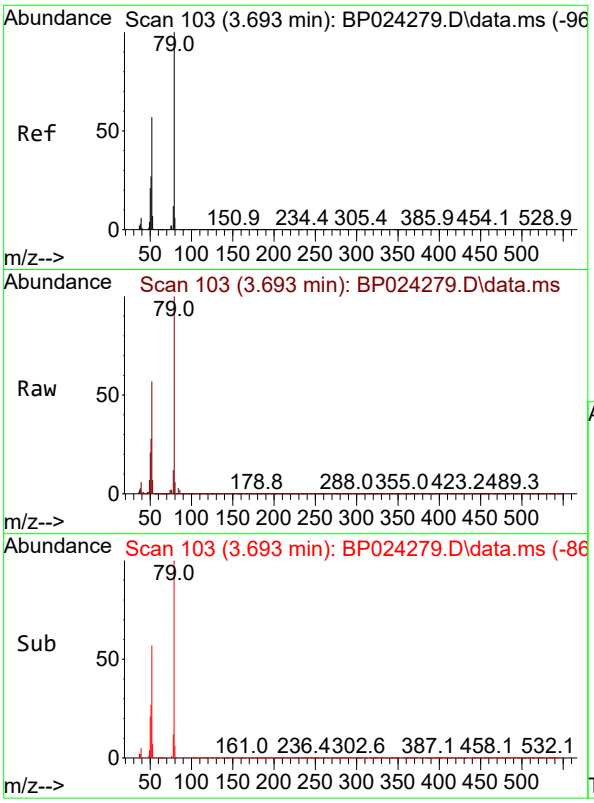


#2
1,4-Dioxane
Concen: 39.624 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 88 Resp: 252519

Ion	Ratio	Lower	Upper
88	100		
58	64.3	51.4	77.2
43	21.4	17.1	25.7



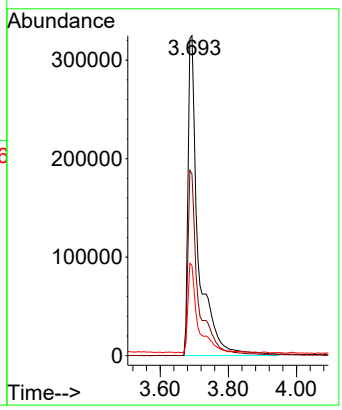


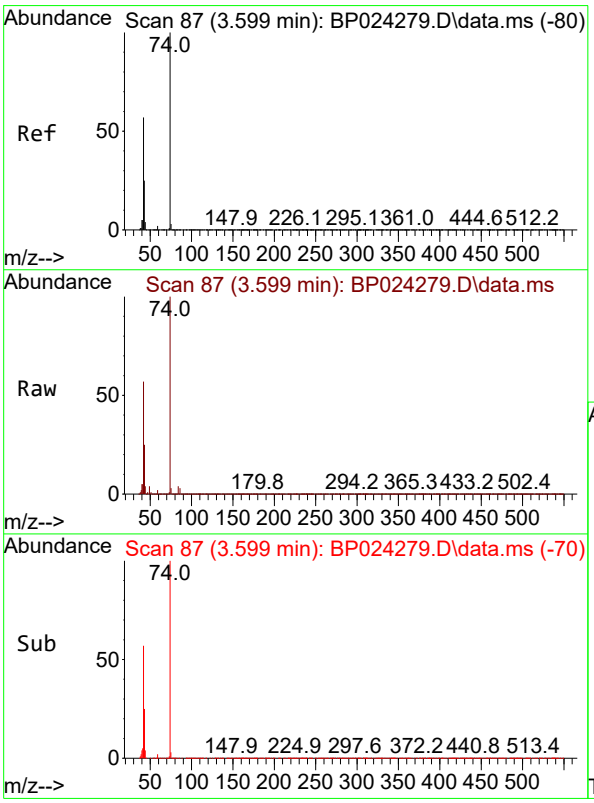
#3
Pyridine
Concen: 41.457 ng
RT: 3.693 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 687730

Ion	Ratio	Lower	Upper
79	100		
52	56.8	45.4	68.2
51	28.2	22.6	33.8

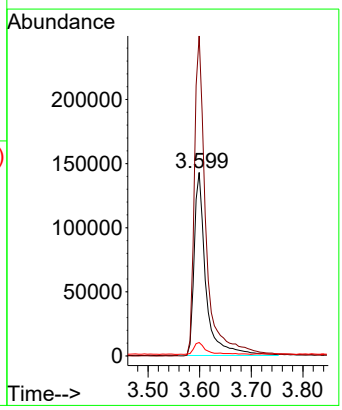


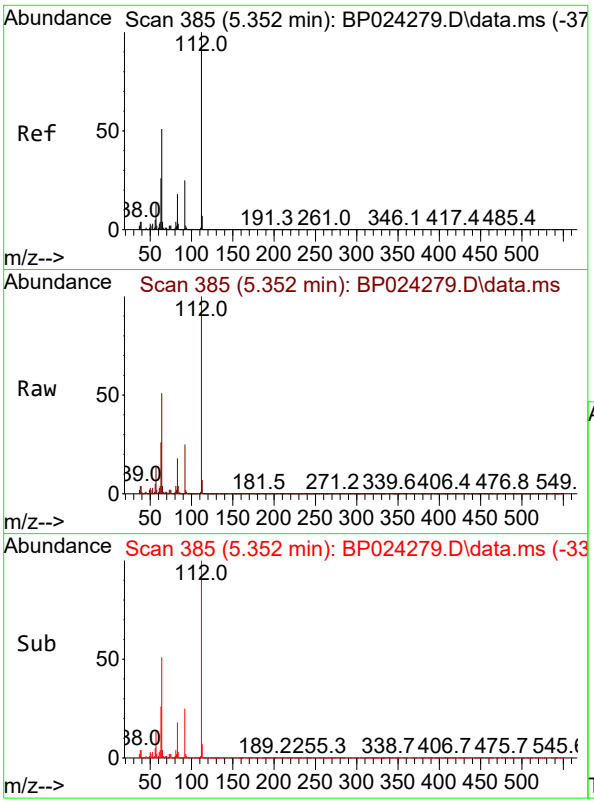


#4
n-Nitrosodimethylamine
Concen: 40.725 ng
RT: 3.599 min Scan# 87
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 42 Resp: 225273

Ion	Ratio	Lower	Upper
42	100		
74	174.4	139.5	209.3
44	7.3	5.8	8.8



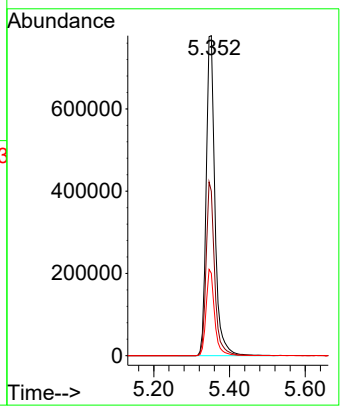


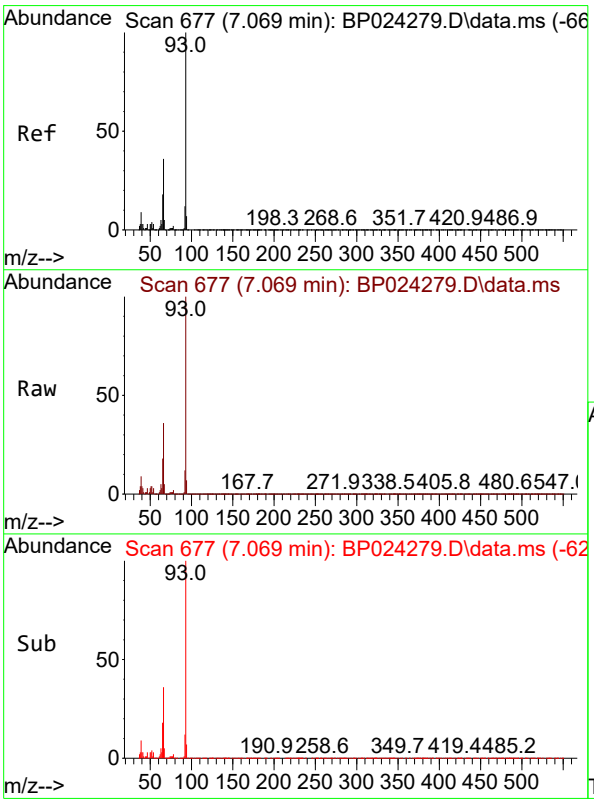
#5
2-Fluorophenol
Concen: 82.813 ng
RT: 5.352 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 1236220

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.1	61.7
63	25.7	20.6	30.8

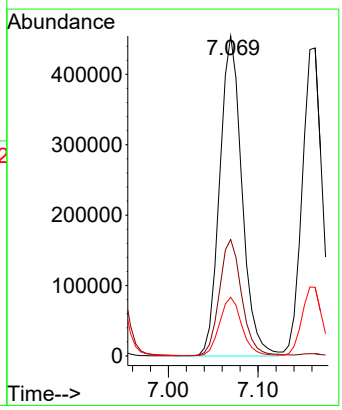


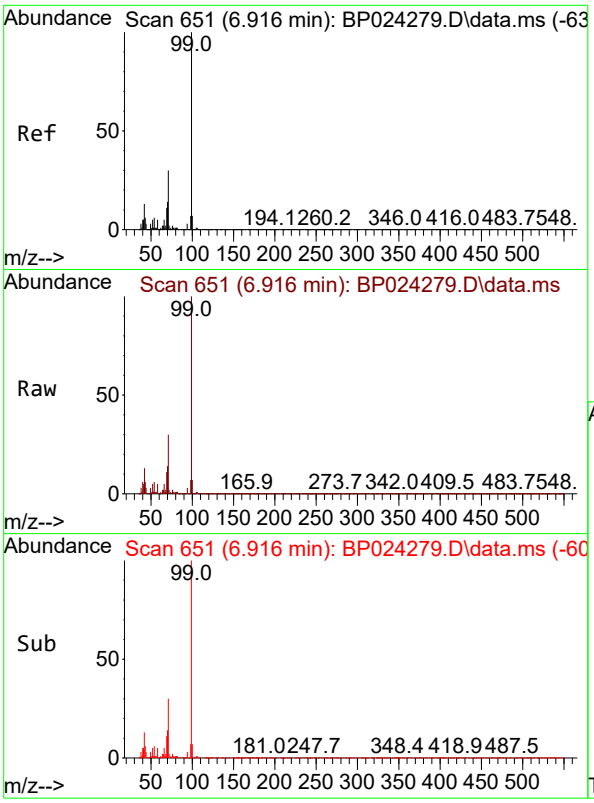


#6
Aniline
Concen: 42.413 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 781907

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.4	14.7	22.1



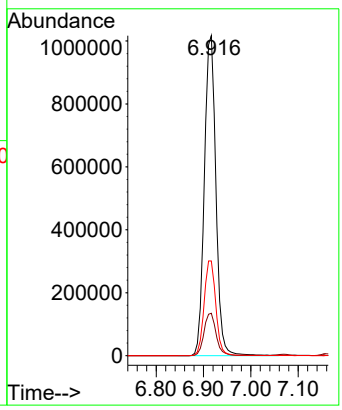


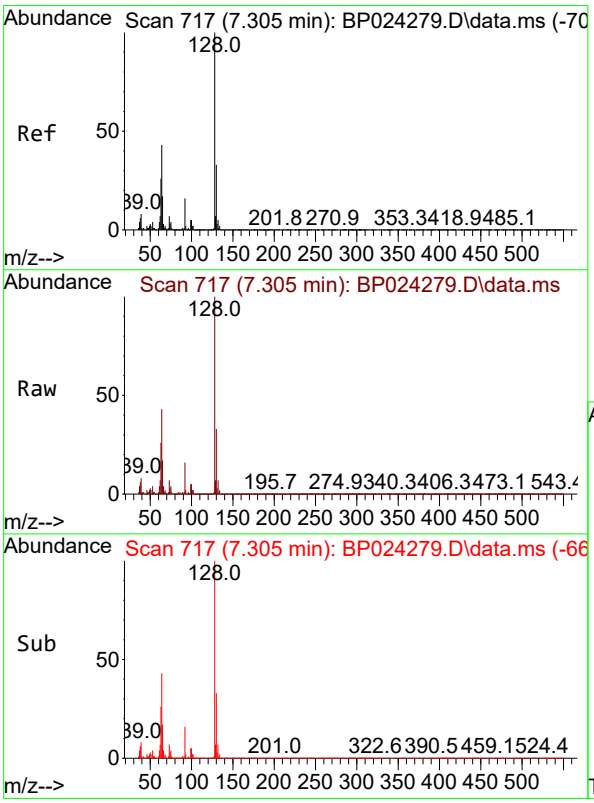
#7
Phenol-d6
Concen: 84.332 ng
RT: 6.916 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1722202

Ion	Ratio	Lower	Upper
99	100		
42	13.3	10.6	16.0
71	29.6	23.7	35.5

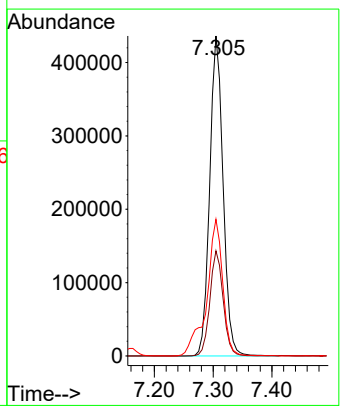


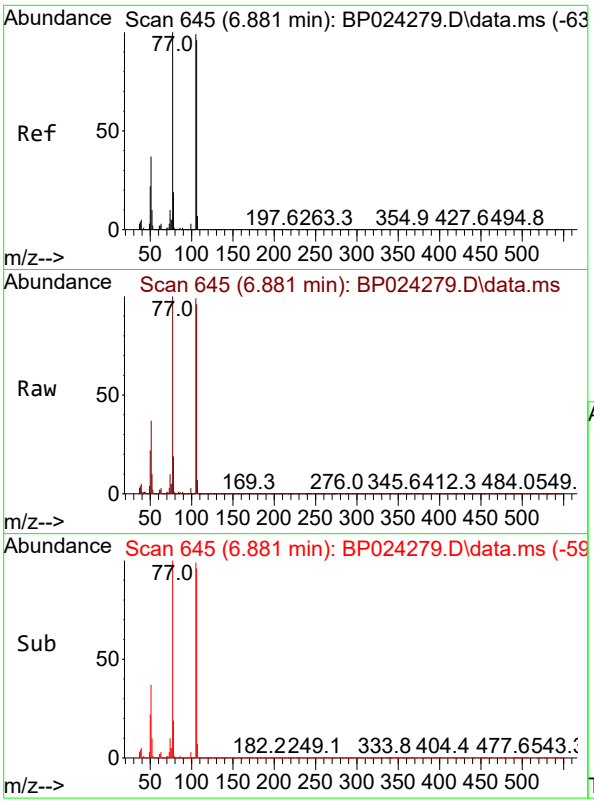


#8
2-Chlorophenol
Concen: 41.317 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:128 Resp: 689257

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	42.7	22.7	62.7



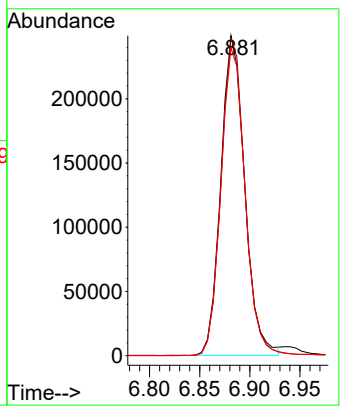


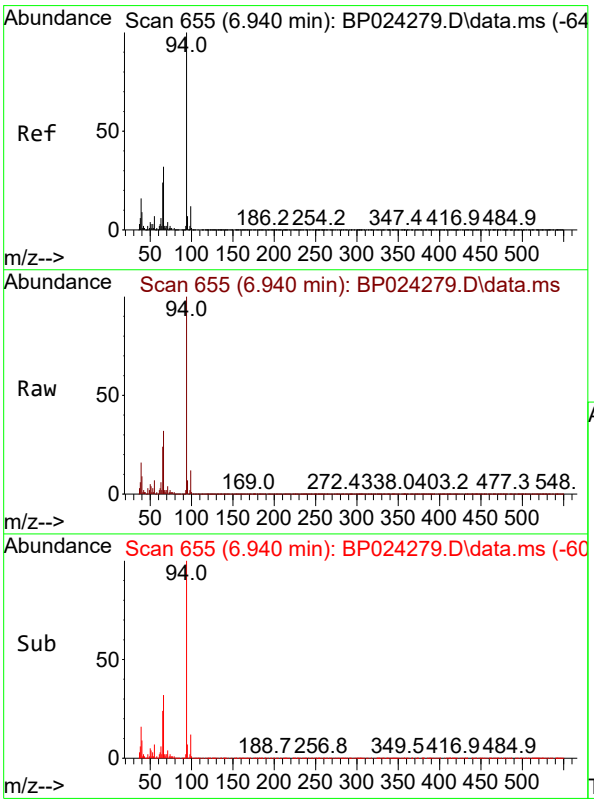
#9
Benzaldehyde
Concen: 38.937 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 411846

Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.2	119.2
106	96.2	76.2	116.2

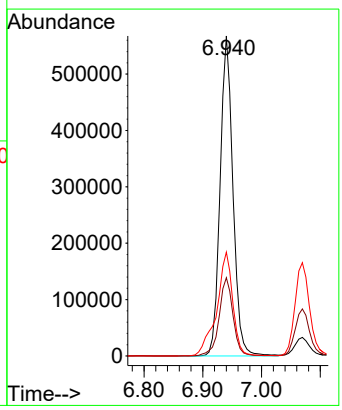


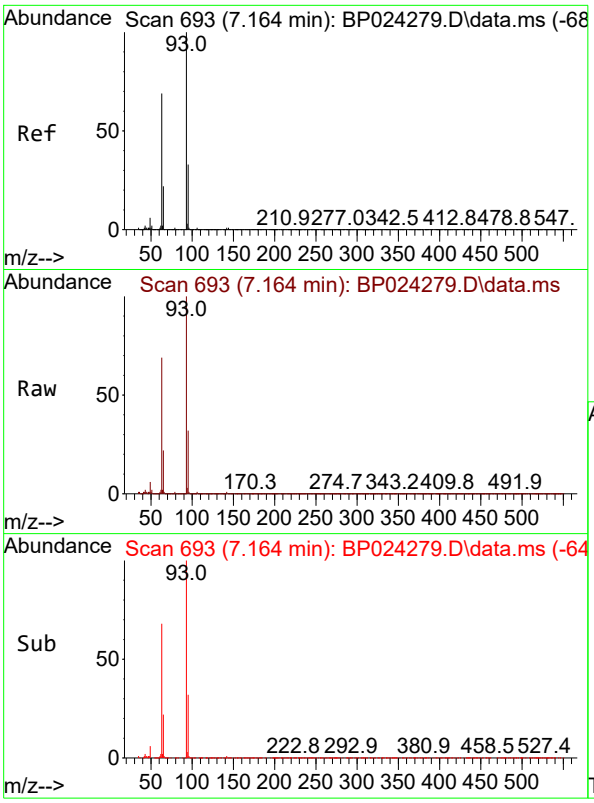


#10
Phenol
Concen: 42.050 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 94 Resp: 862244

Ion	Ratio	Lower	Upper
94	100		
65	24.5	4.5	44.5
66	32.4	12.4	52.4



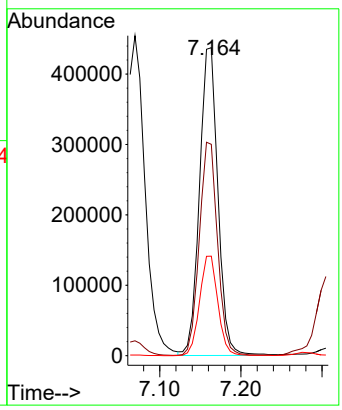


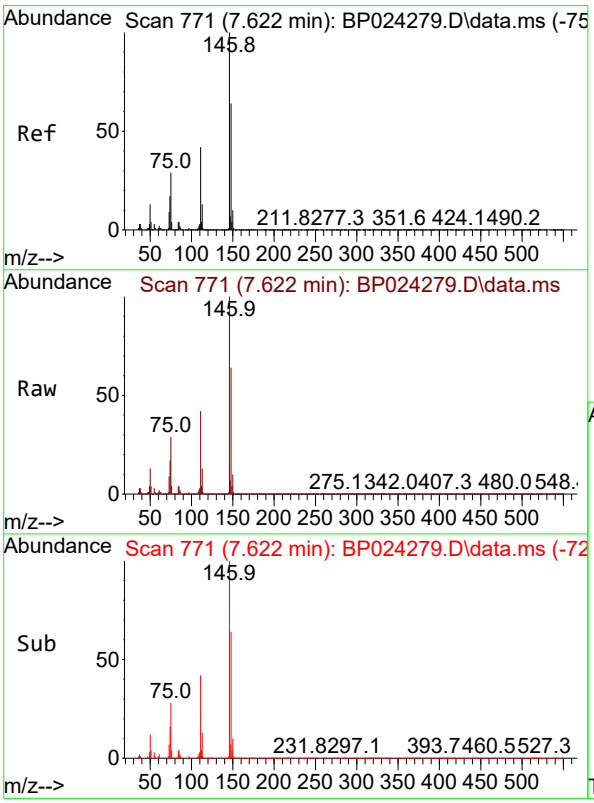
#11
bis(2-Chloroethyl)ether
Concen: 41.581 ng
RT: 7.164 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 688989

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	32.3	12.3	52.3

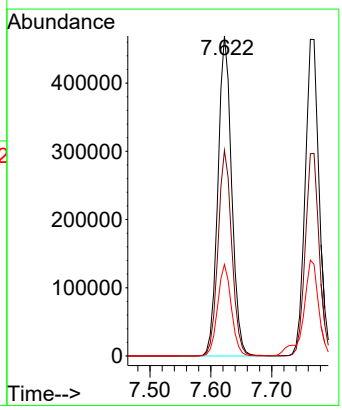


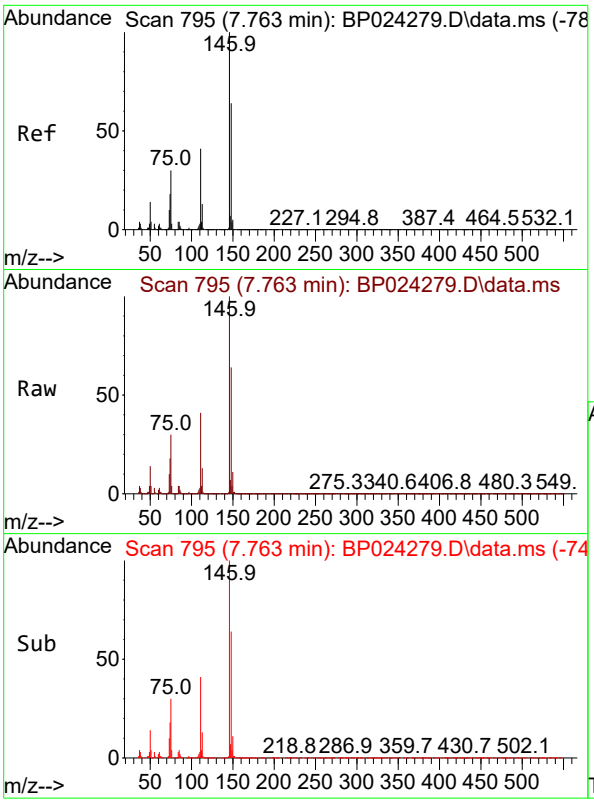


#12
1,3-Dichlorobenzene
Concen: 40.516 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 732329

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.6	22.9	34.3



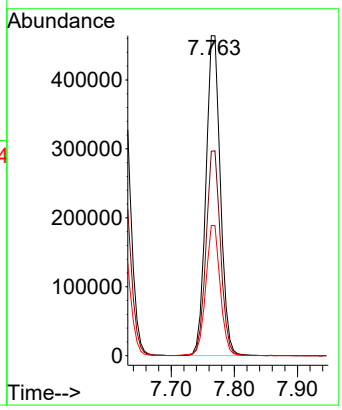


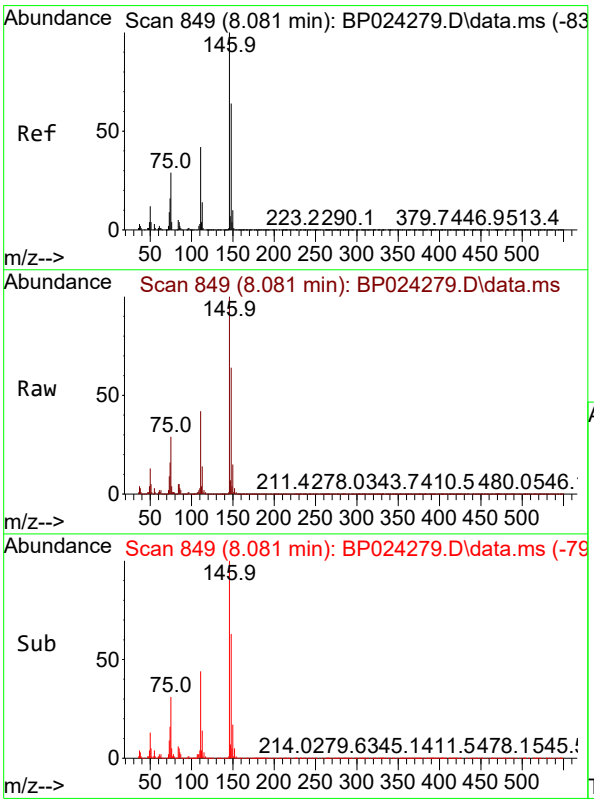
#13
1,4-Dichlorobenzene
Concen: 40.171 ng
RT: 7.763 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 736270

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	40.7	32.6	48.8

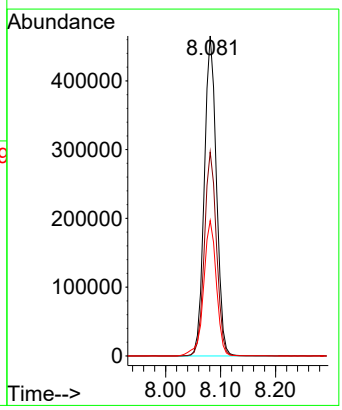


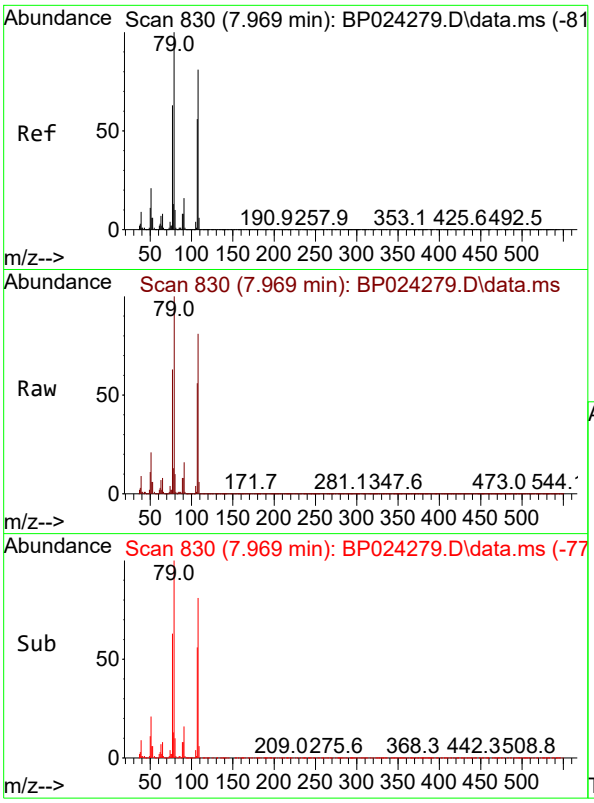


#14
1,2-Dichlorobenzene
Concen: 40.172 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:146 Resp: 711951

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.3	33.8	50.8



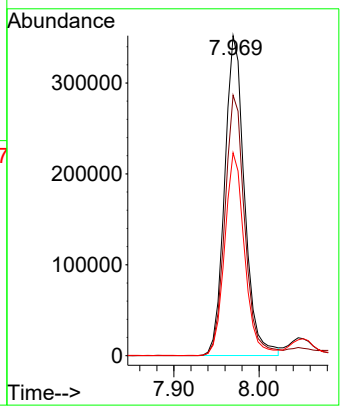


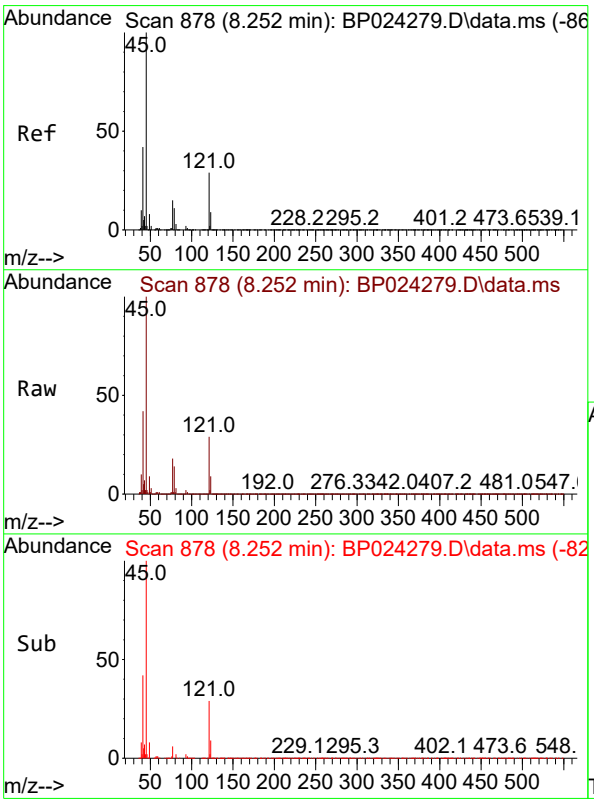
#15
Benzyl Alcohol
Concen: 43.581 ng
RT: 7.969 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 570437

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.4	50.7	76.1

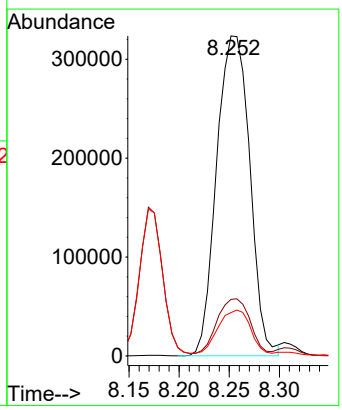


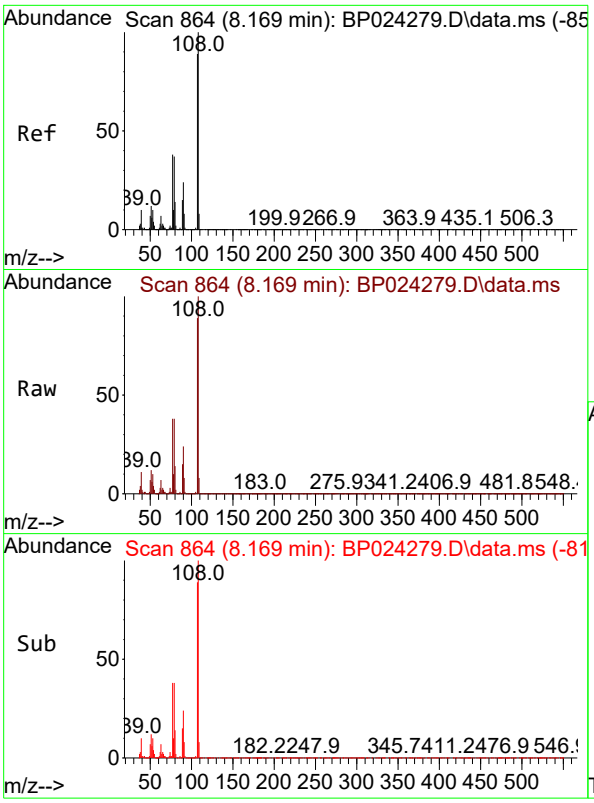


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.386 ng
RT: 8.252 min Scan# 878
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 45 Resp: 746041

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	13.5	0.0	33.5



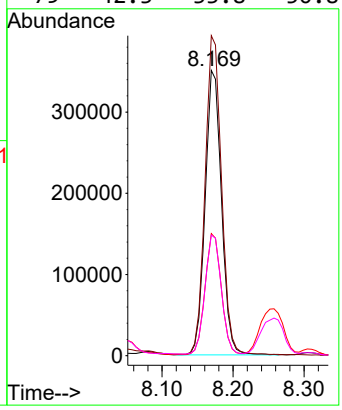


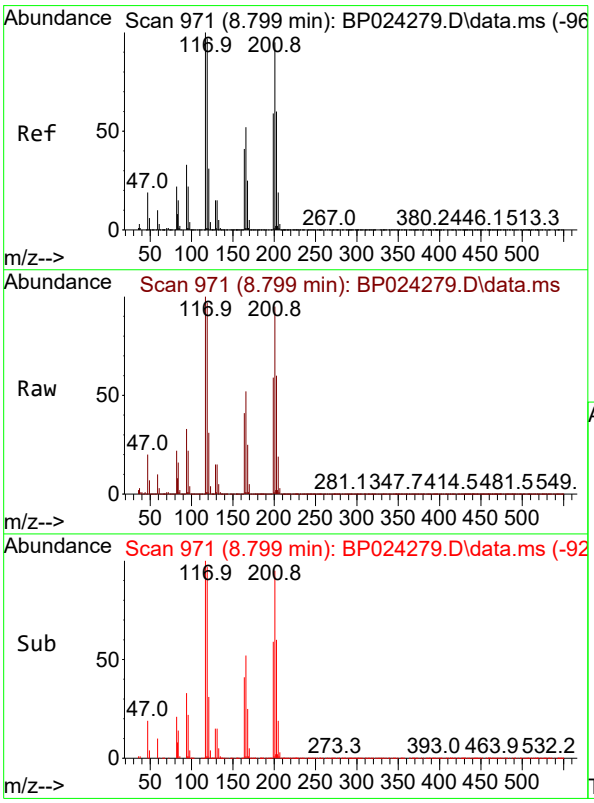
#17
2-Methylphenol
Concen: 42.503 ng
RT: 8.169 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 561621

Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.8	134.6
77	42.8	34.2	51.4
79	42.3	33.8	50.8

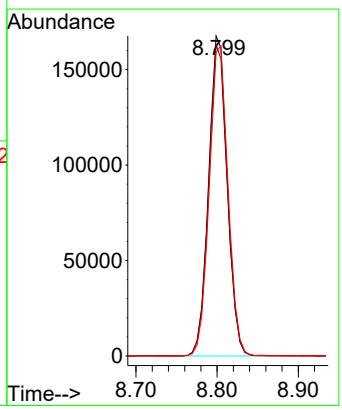


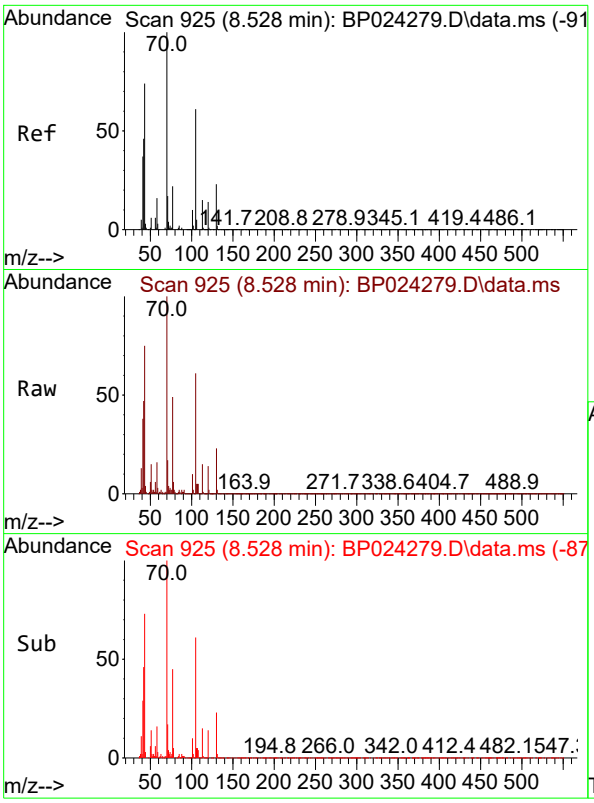


#18
Hexachloroethane
Concen: 40.349 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:117 Resp: 266915

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.8	116.6
201	94.9	75.9	113.9



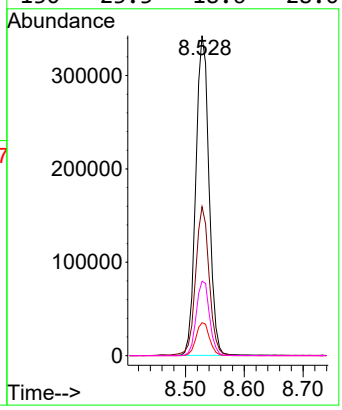


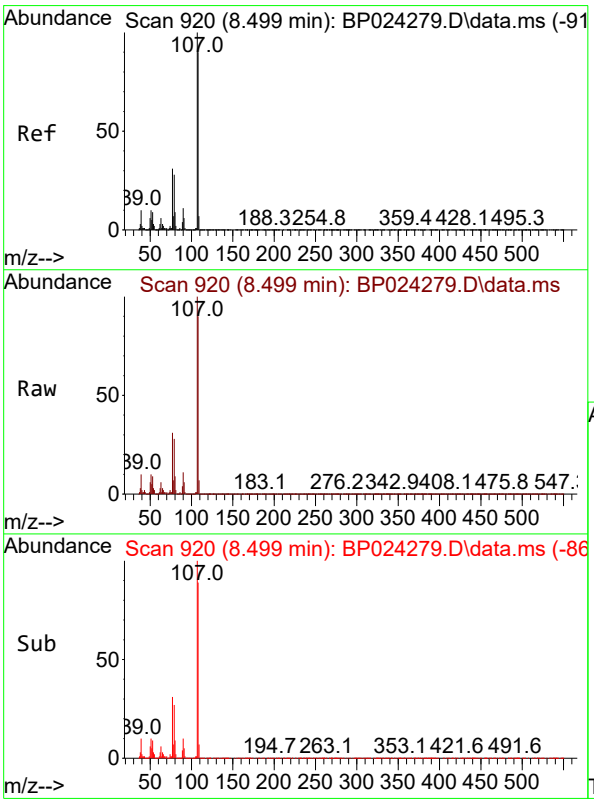
#19
n-Nitroso-di-n-propylamine
Concen: 42.092 ng
RT: 8.528 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 533912

Ion	Ratio	Lower	Upper
70	100		
42	46.6	37.3	55.9
101	10.3	8.2	12.4
130	23.3	18.6	28.0

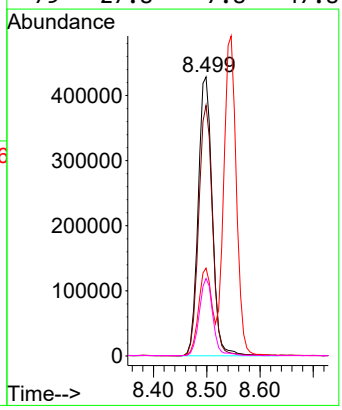


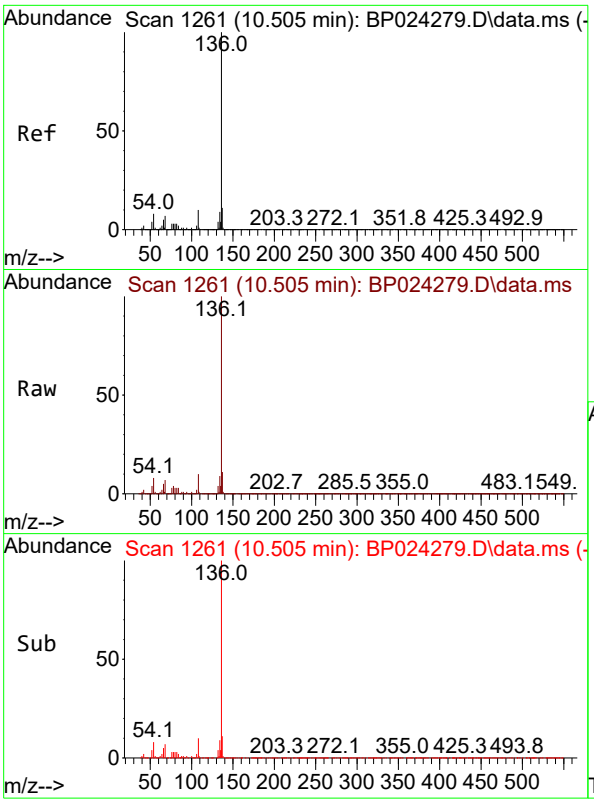


#20
3+4-Methylphenols
Concen: 42.854 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 784336

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.8	109.8
77	31.5	11.5	51.5
79	27.8	7.8	47.8



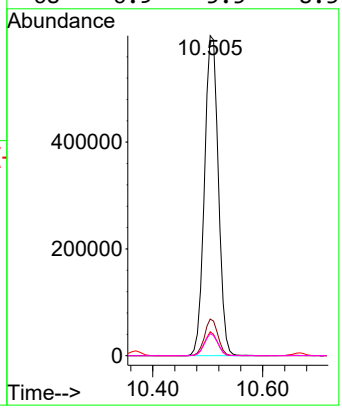


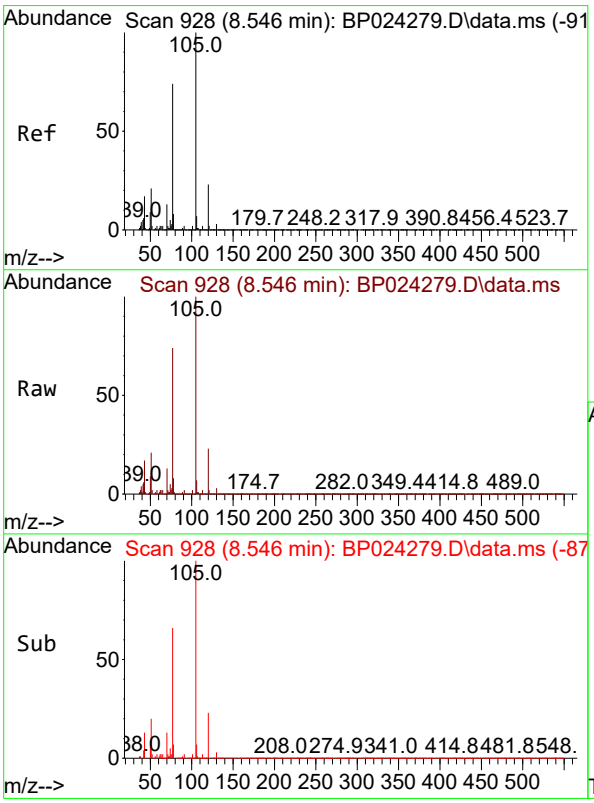
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 1046876

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.5	6.0	9.0
68	6.9	5.5	8.3

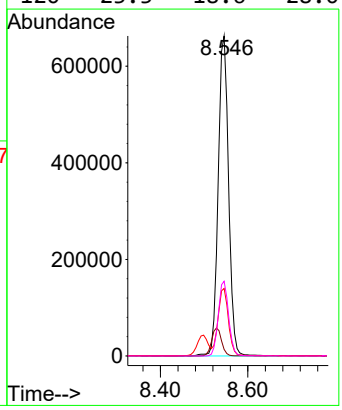


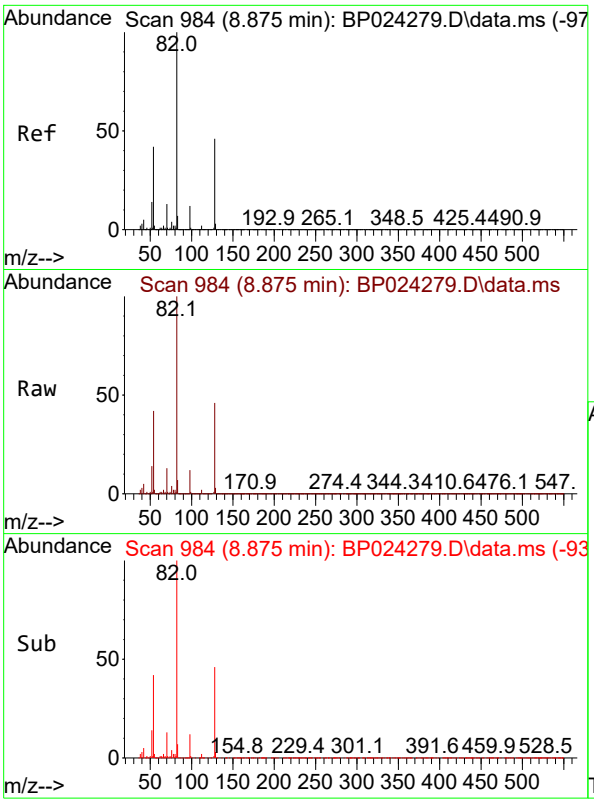


#22
Acetophenone
Concen: 41.770 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:105 Resp: 1086788

Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	21.1	16.9	25.3
120	23.3	18.6	28.0



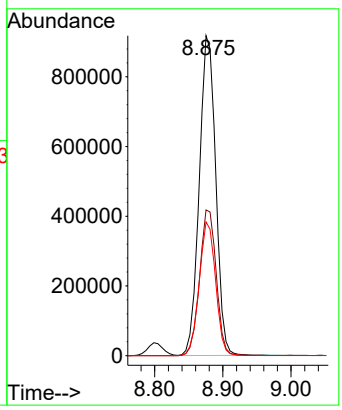


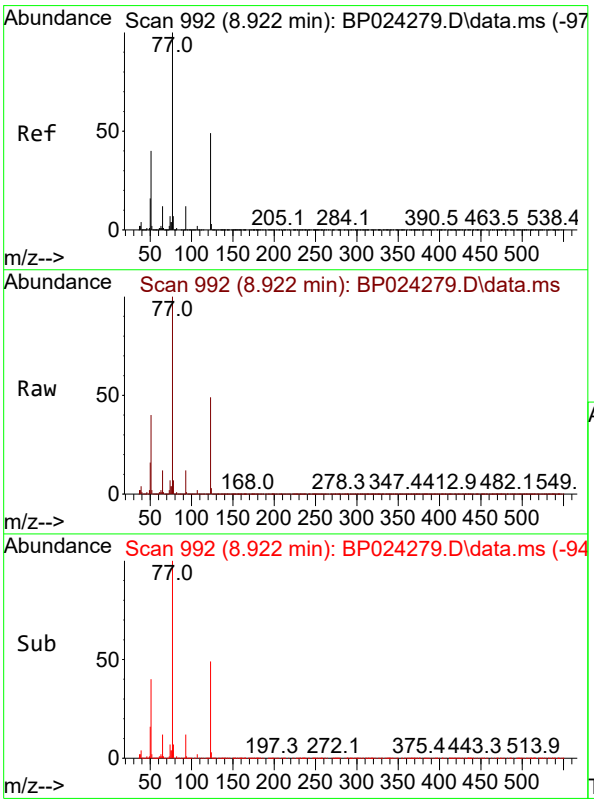
#23
Nitrobenzene-d5
Concen: 83.791 ng
RT: 8.875 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1540790

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	41.8	33.4	50.2

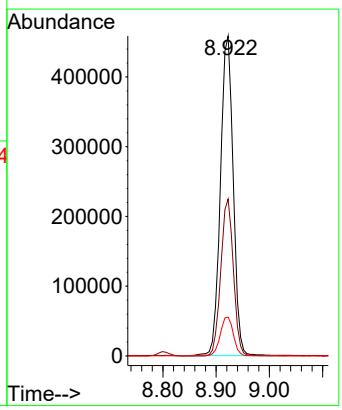


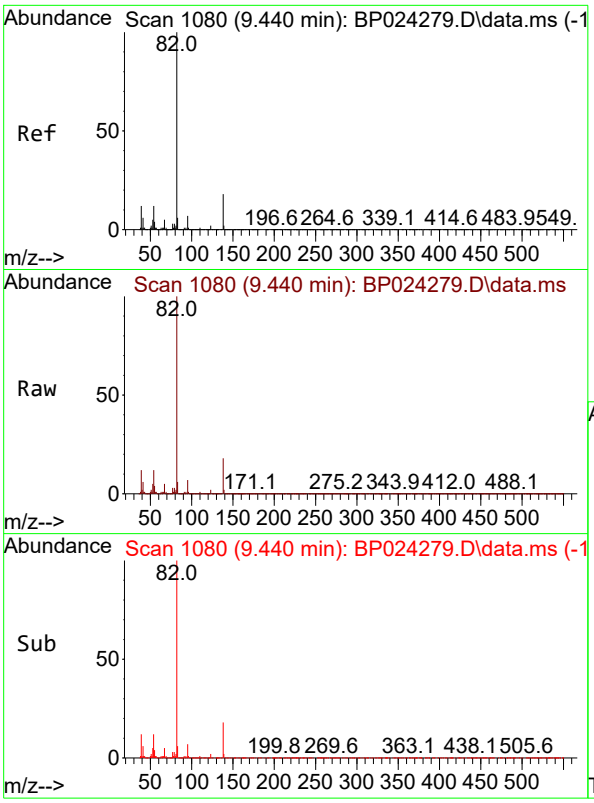


#24
Nitrobenzene
Concen: 41.852 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 77 Resp: 762756

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	12.2	9.8	14.6



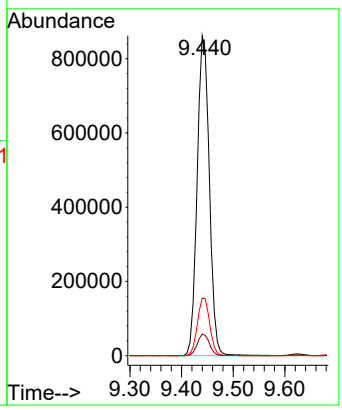


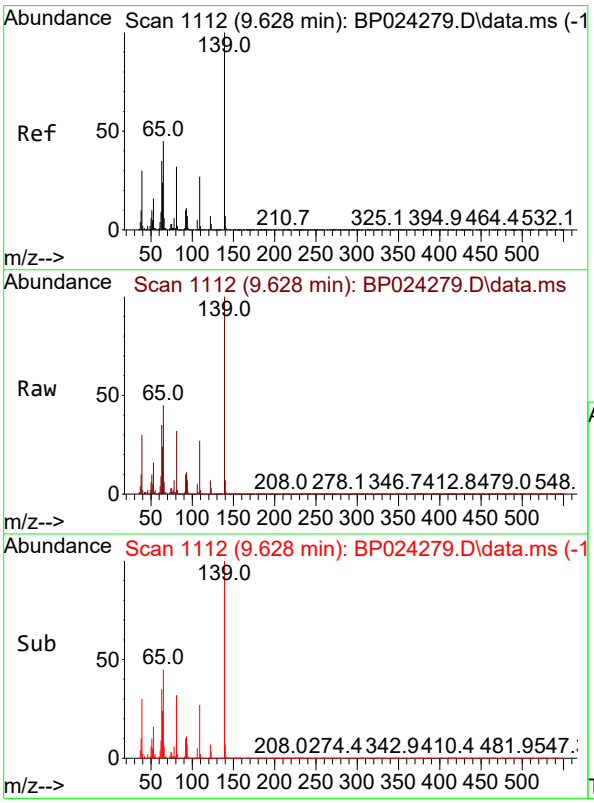
#25
Isophorone
Concen: 42.419 ng
RT: 9.440 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 1408146

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	18.0	14.4	21.6

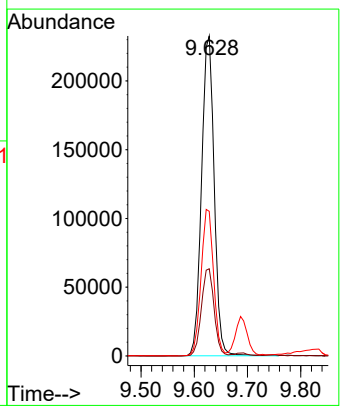


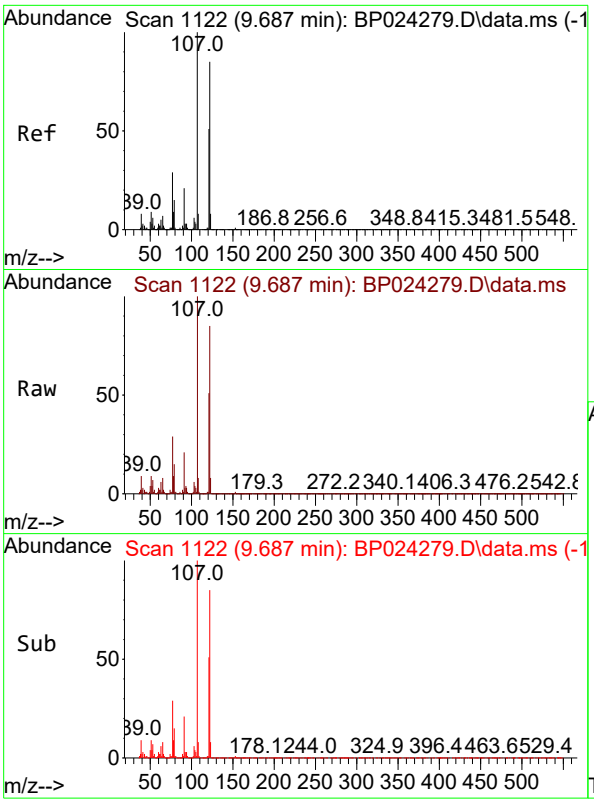


#26
2-Nitrophenol
Concen: 43.852 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 383751

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	45.2	36.2	54.2



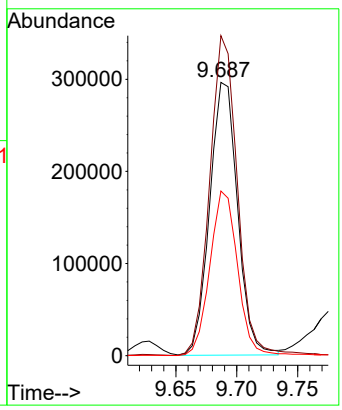


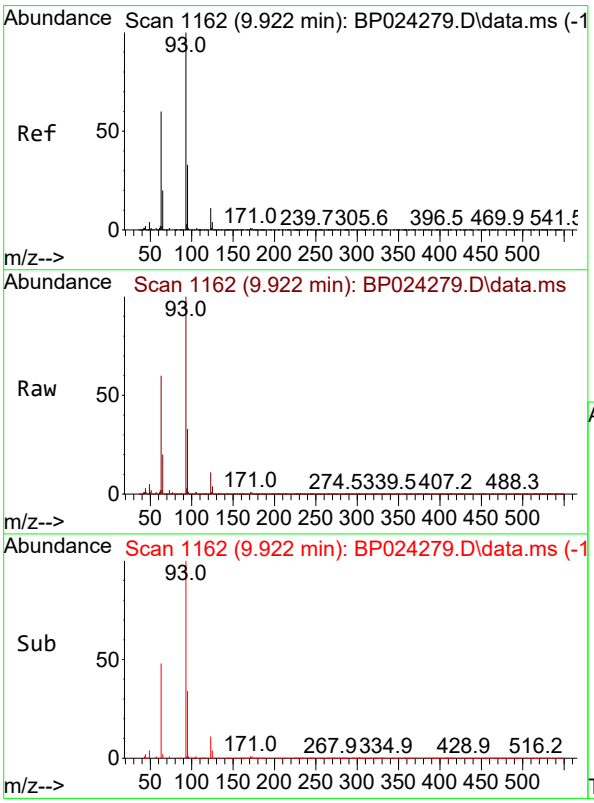
#27
2,4-Dimethylphenol
Concen: 42.600 ng
RT: 9.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 472488

Ion	Ratio	Lower	Upper
122	100		
107	117.1	93.7	140.5
121	60.2	48.2	72.2

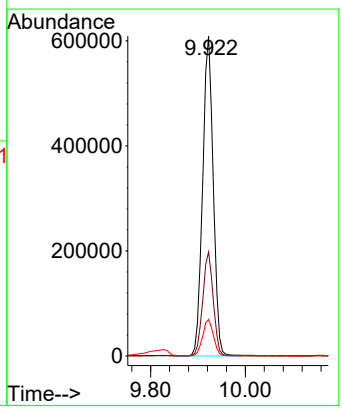


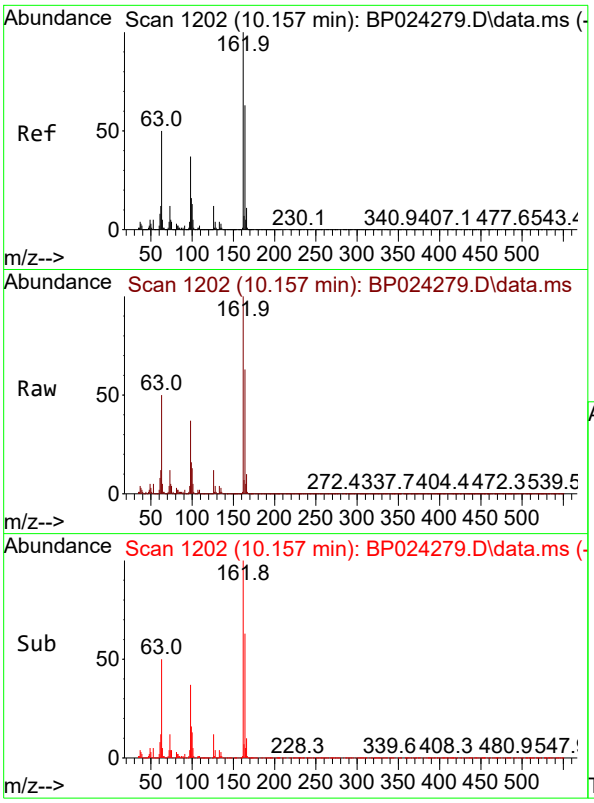


#28
bis(2-Chloroethoxy)methane
Concen: 41.926 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 93 Resp: 947250

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	9.1	13.7



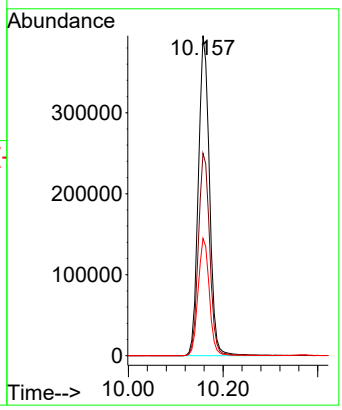


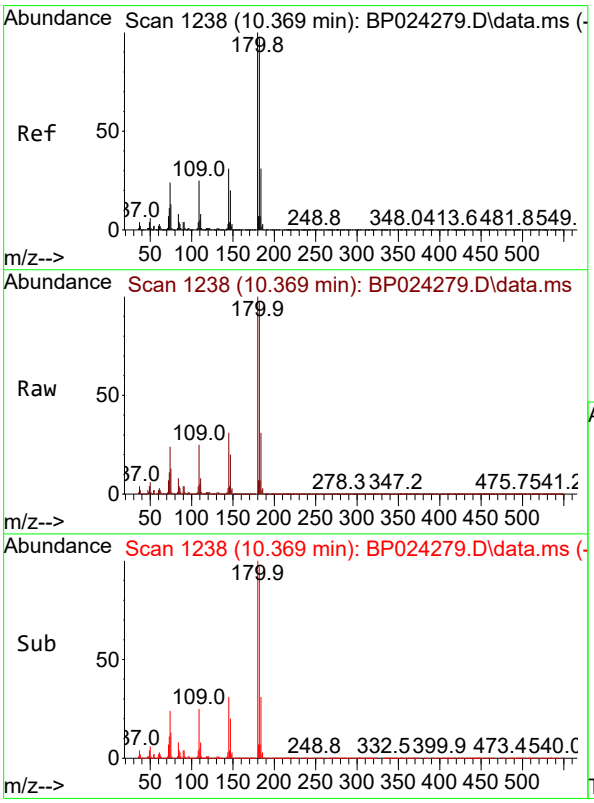
#29
2,4-Dichlorophenol
Concen: 42.725 ng
RT: 10.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 645849

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.3	83.3
98	36.6	16.6	56.6

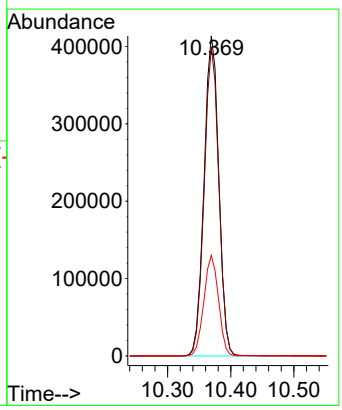


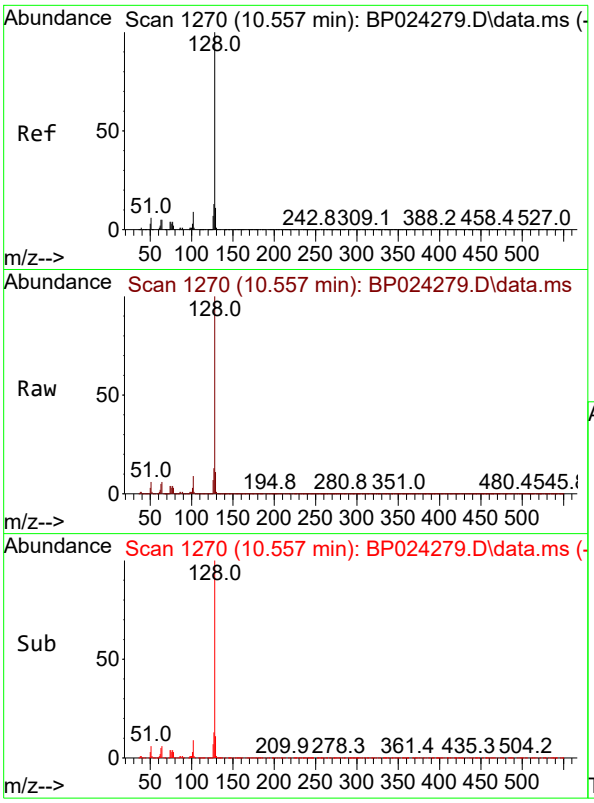


#30
1,2,4-Trichlorobenzene
Concen: 41.046 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:180 Resp: 671264

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.3	115.9
145	31.4	25.1	37.7



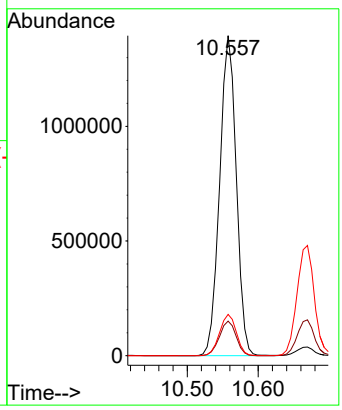


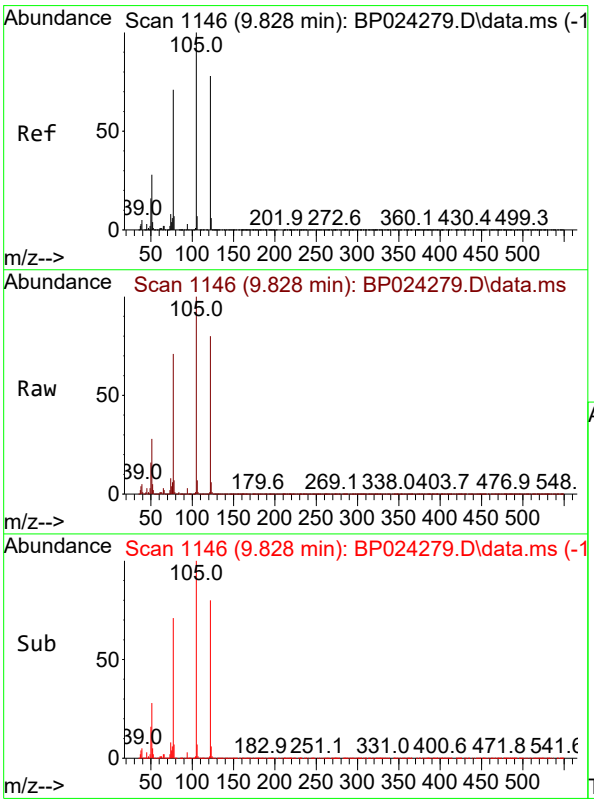
#31
Naphthalene
Concen: 40.765 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 2258924

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	12.9	10.3	15.5

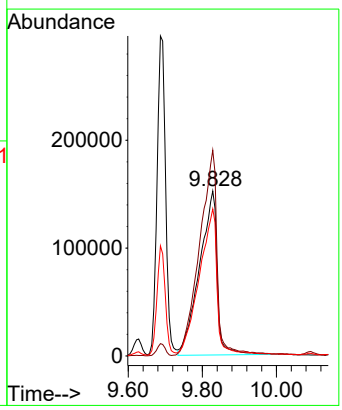


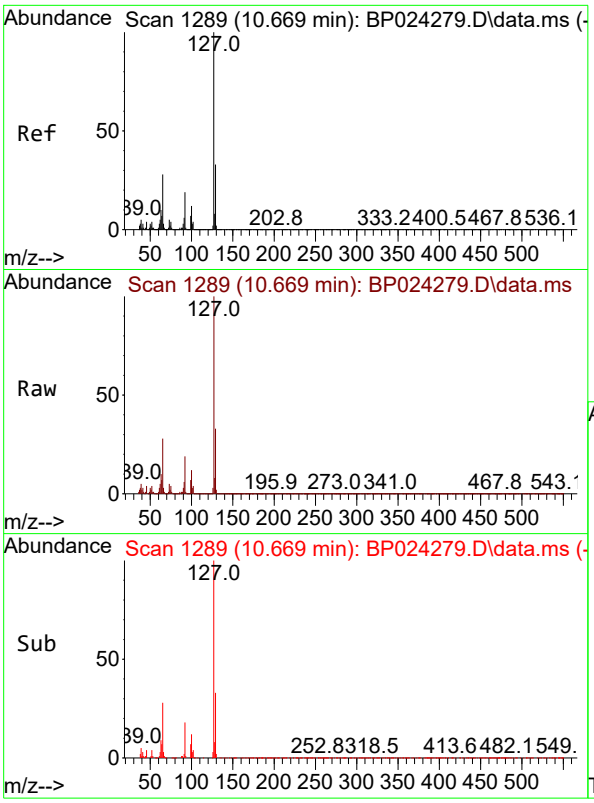


#32
Benzoic acid
Concen: 42.286 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:122 Resp: 506813

Ion	Ratio	Lower	Upper
122	100		
105	124.8	104.8	144.8
77	89.2	69.2	109.2



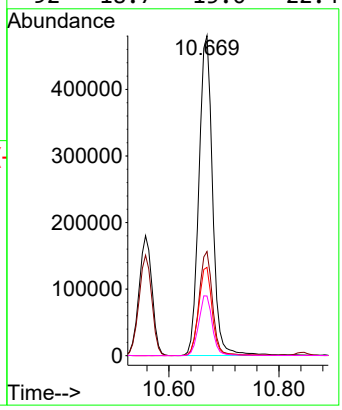


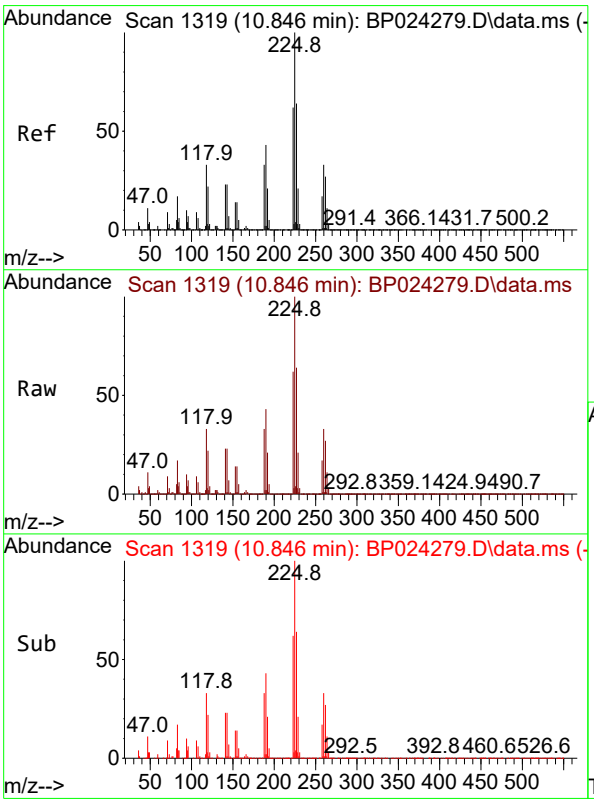
#33
4-Chloroaniline
Concen: 42.913 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 830870

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	27.6	22.1	33.1
92	18.7	15.0	22.4

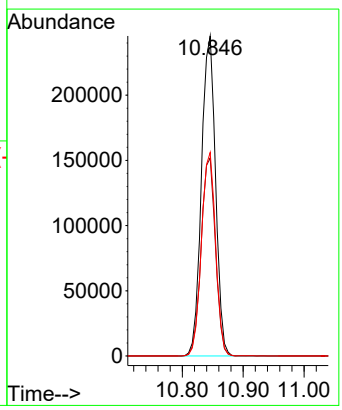


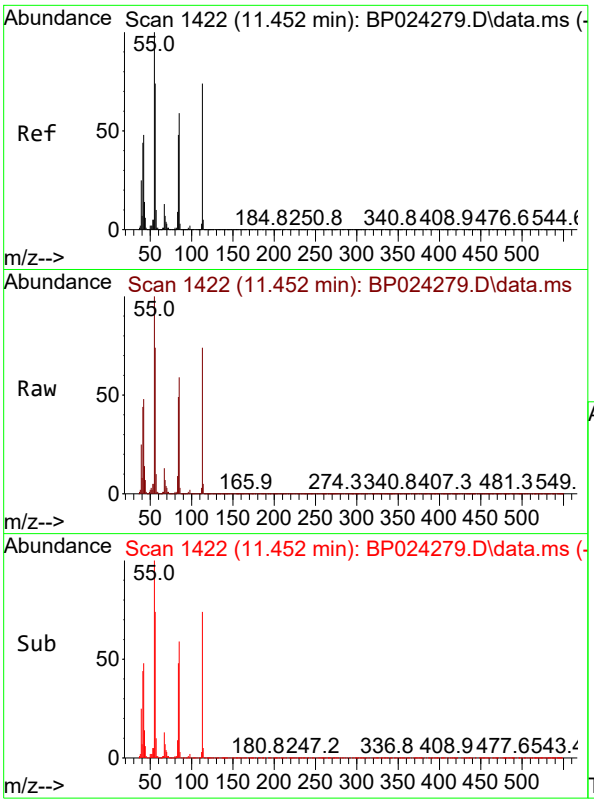


#34
Hexachlorobutadiene
Concen: 41.146 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:225 Resp: 394737

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.6	50.9	76.3



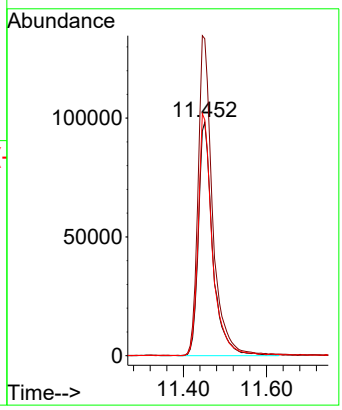


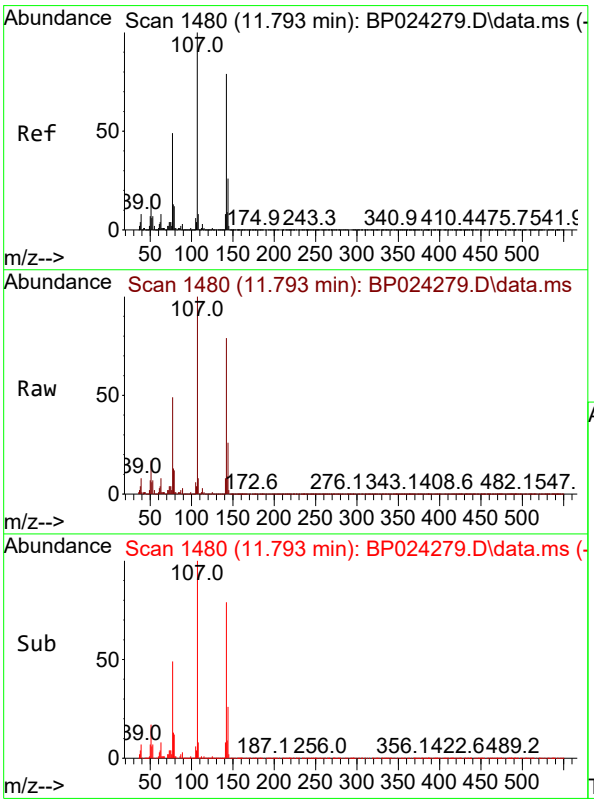
#35
Caprolactam
Concen: 42.256 ng
RT: 11.452 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 234519

Ion	Ratio	Lower	Upper
113	100		
55	135.9	115.9	155.9
56	101.1	81.1	121.1

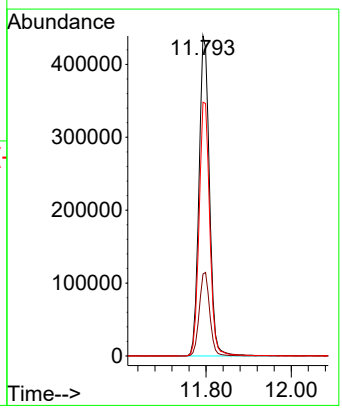


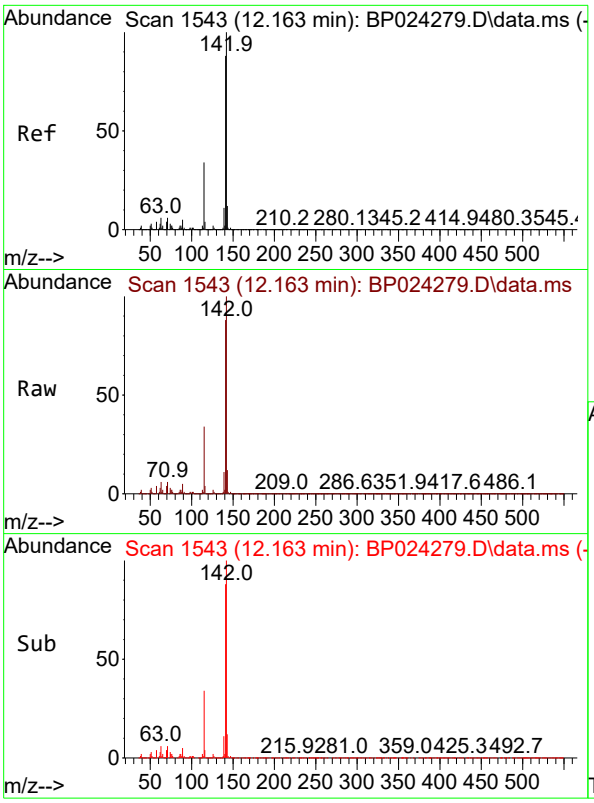


#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 11.793 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:107 Resp: 747541

Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	79.3	63.4	95.2



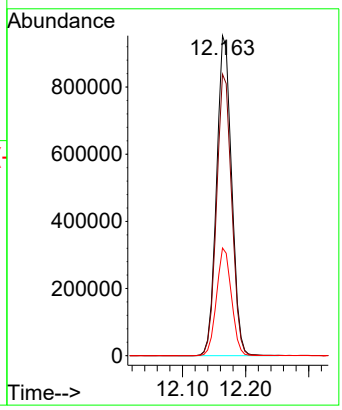


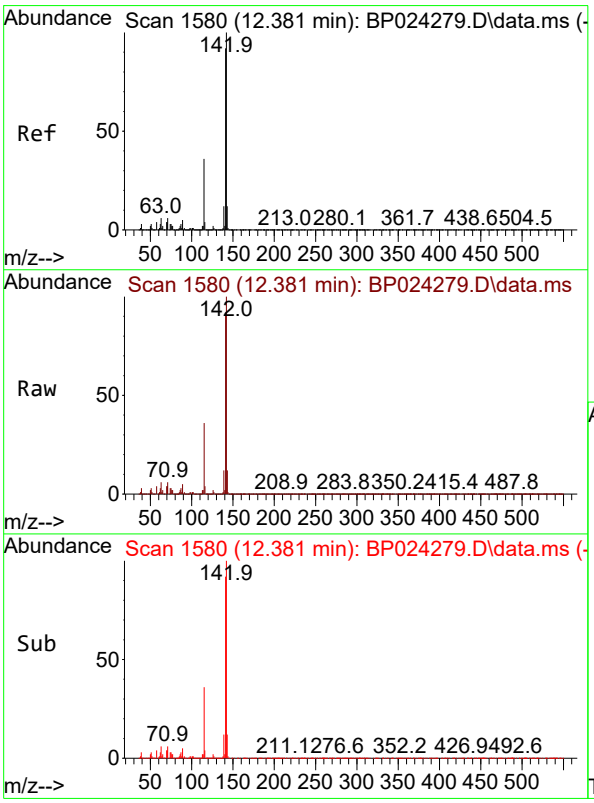
#37
2-Methylnaphthalene
Concen: 41.154 ng
RT: 12.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 1580497

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5
115	33.6	26.9	40.3

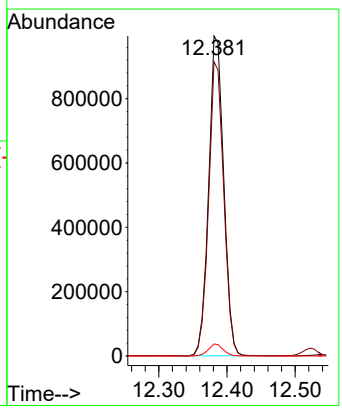


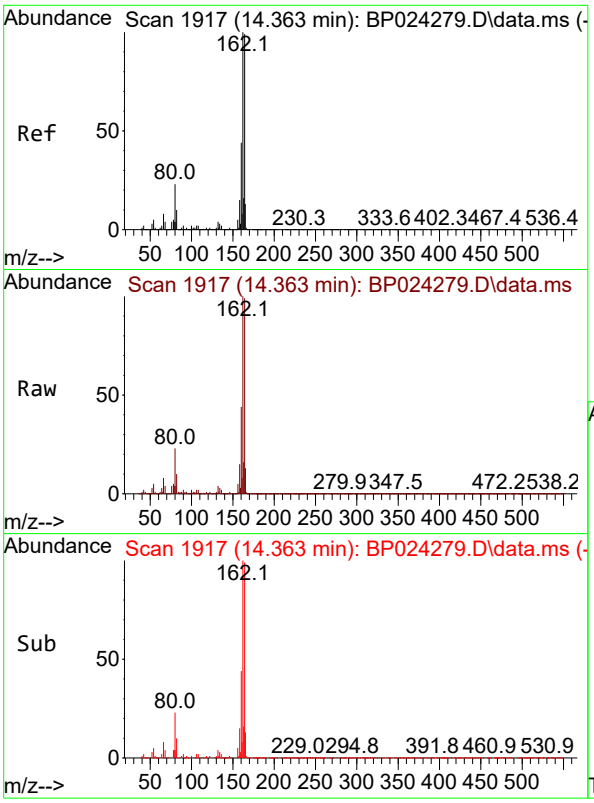


#38
1-Methylnaphthalene
Concen: 40.695 ng
RT: 12.381 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:142 Resp: 1530982

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.6	110.4
116	3.8	3.0	4.6



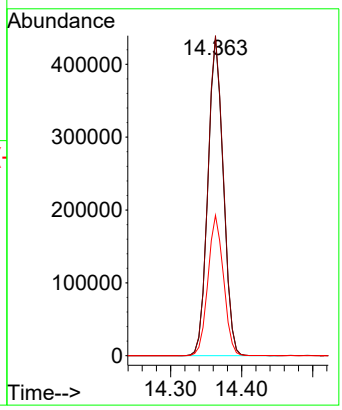


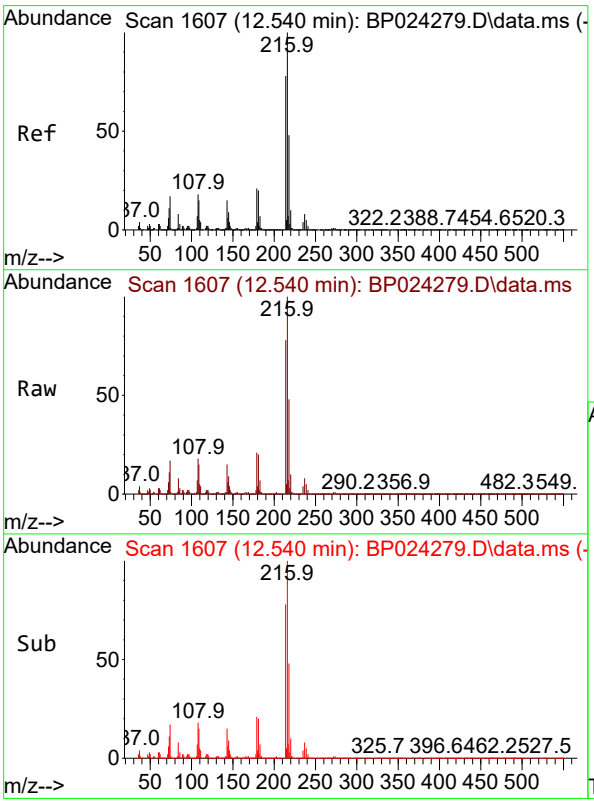
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 657357

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	44.1	35.3	52.9

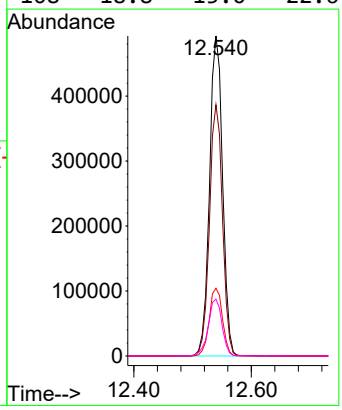


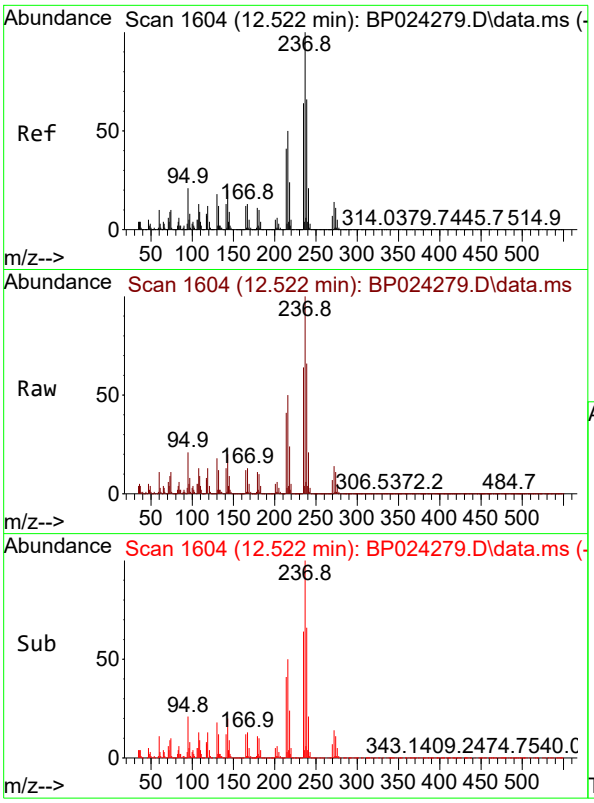


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.945 ng
RT: 12.540 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:216 Resp: 757748

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



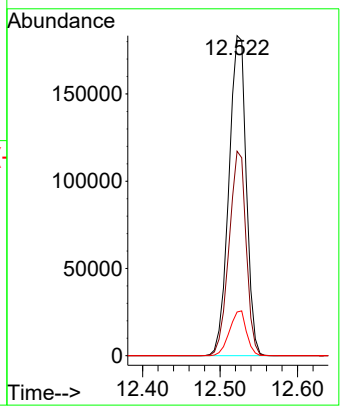


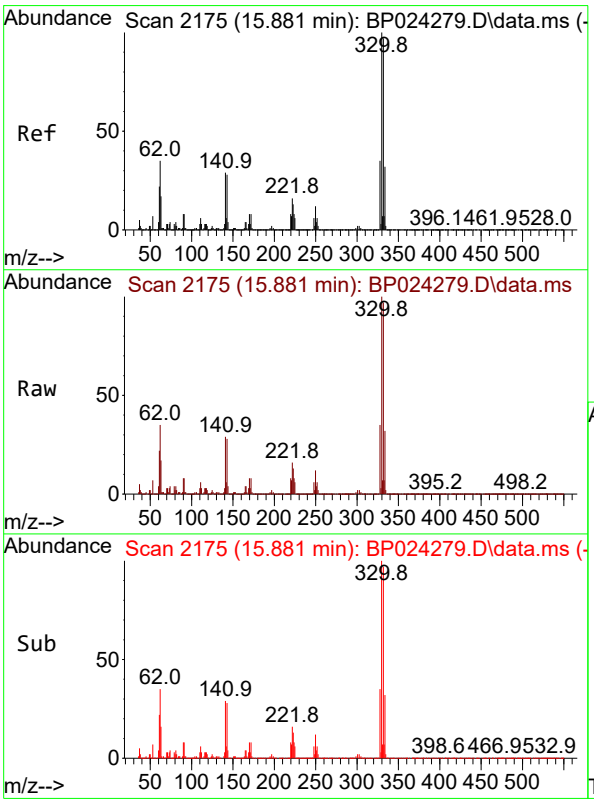
#41
Hexachlorocyclopentadiene
Concen: 45.116 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 286135

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.9	83.9
272	13.6	0.0	33.6

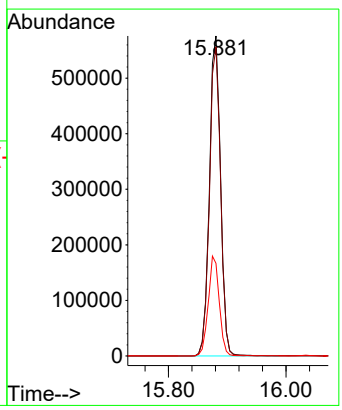


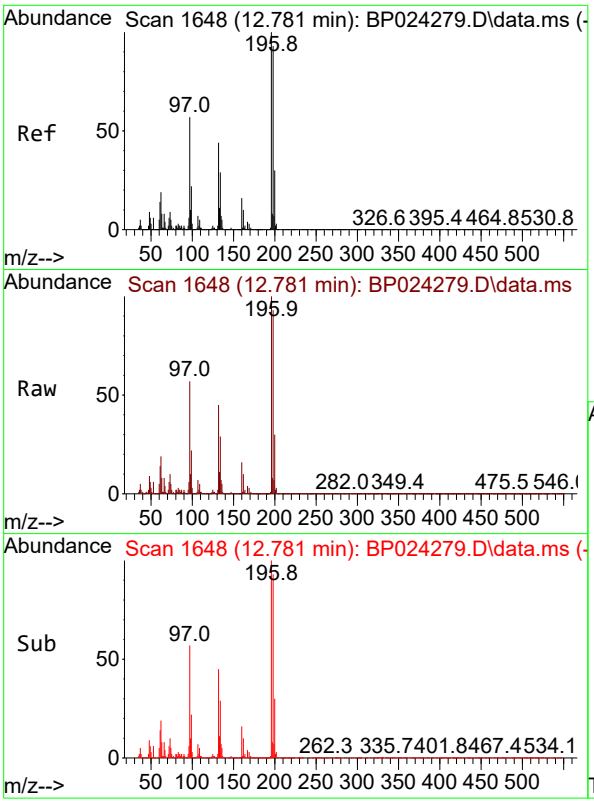


#42
2,4,6-Tribromophenol
Concen: 84.379 ng
RT: 15.881 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:330 Resp: 759528

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	30.9	24.7	37.1



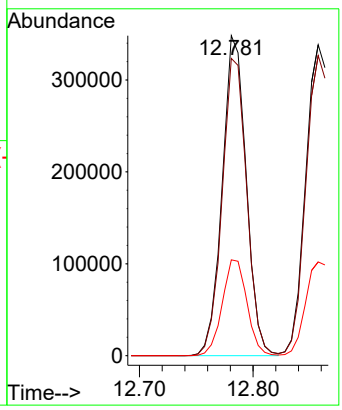


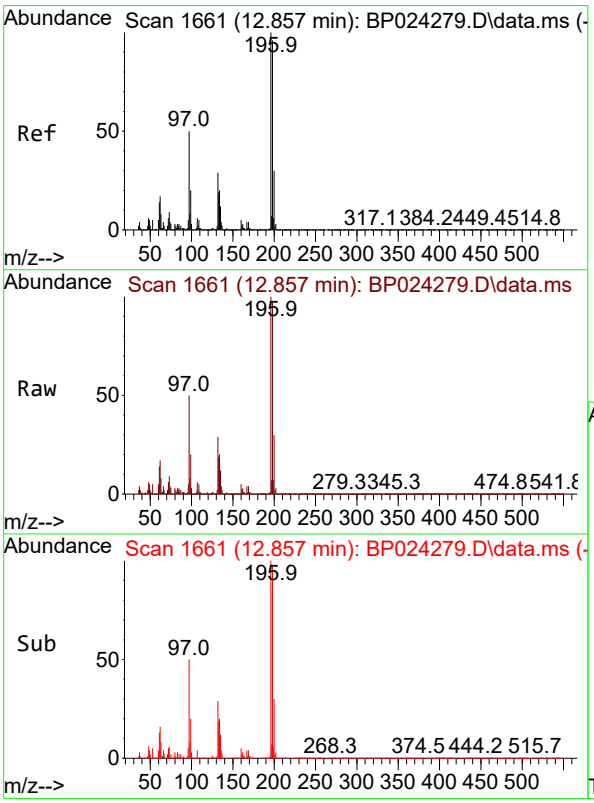
#43
2,4,6-Trichlorophenol
Concen: 43.038 ng
RT: 12.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 511566

Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.3	111.5
200	30.0	24.0	36.0

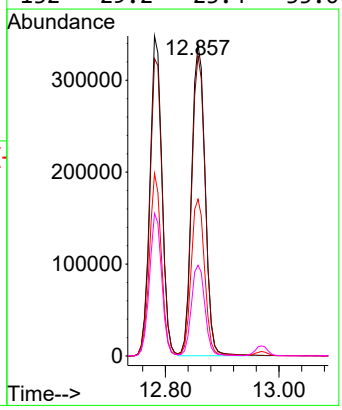


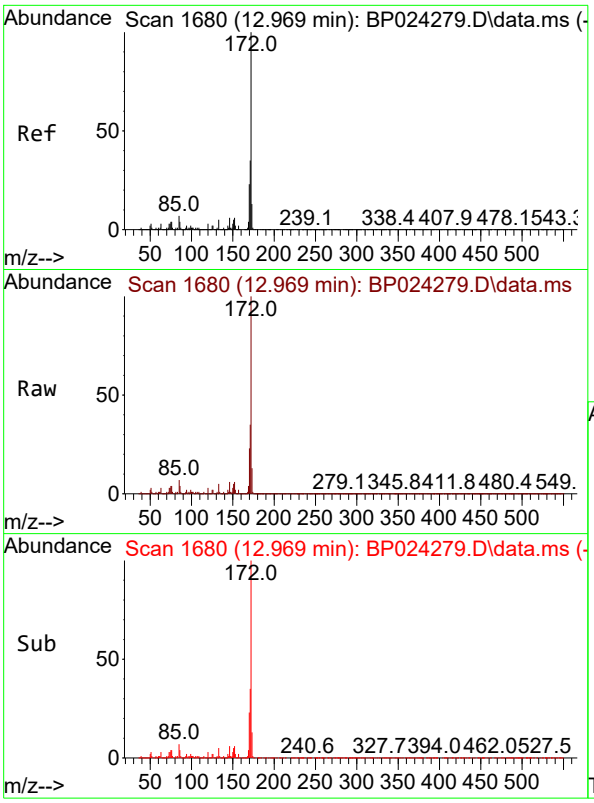


#44
2,4,5-Trichlorophenol
Concen: 42.637 ng
RT: 12.857 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:196 Resp: 561631

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	50.5	40.4	60.6
132	29.2	23.4	35.0



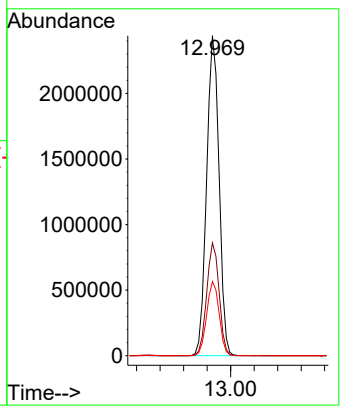


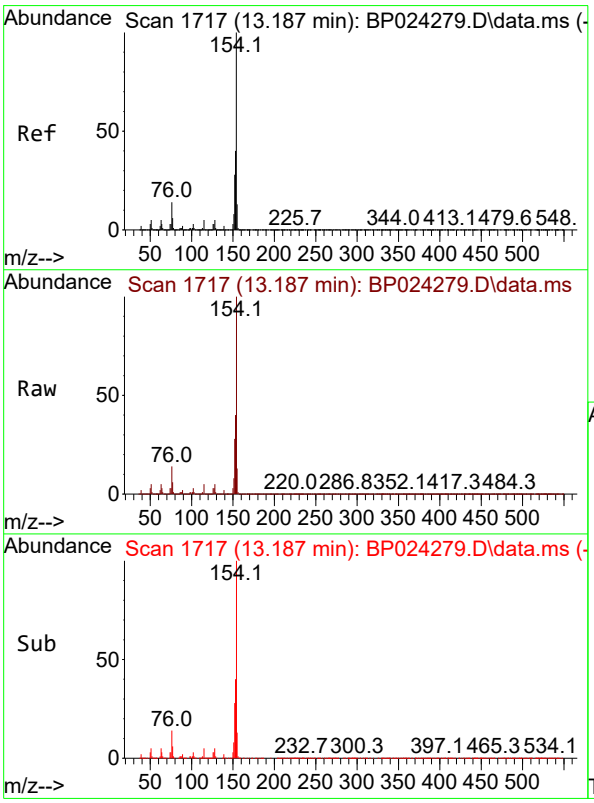
#45
2-Fluorobiphenyl
Concen: 82.939 ng
RT: 12.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 3591010

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.2	18.6	27.8

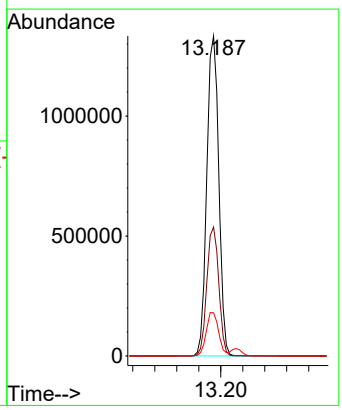


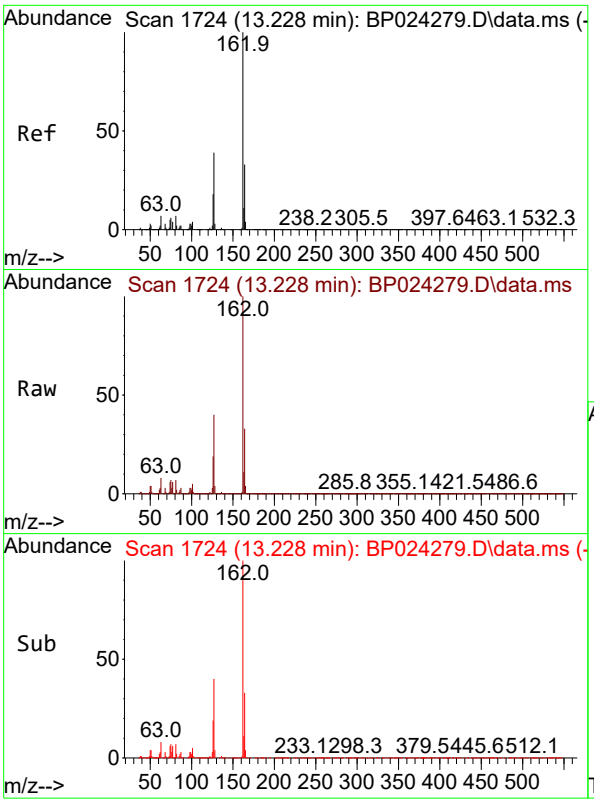


#46
1,1'-Biphenyl
Concen: 41.404 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 2010029

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.3	60.3
76	13.5	0.0	33.5



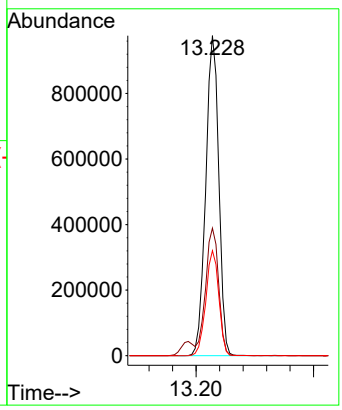


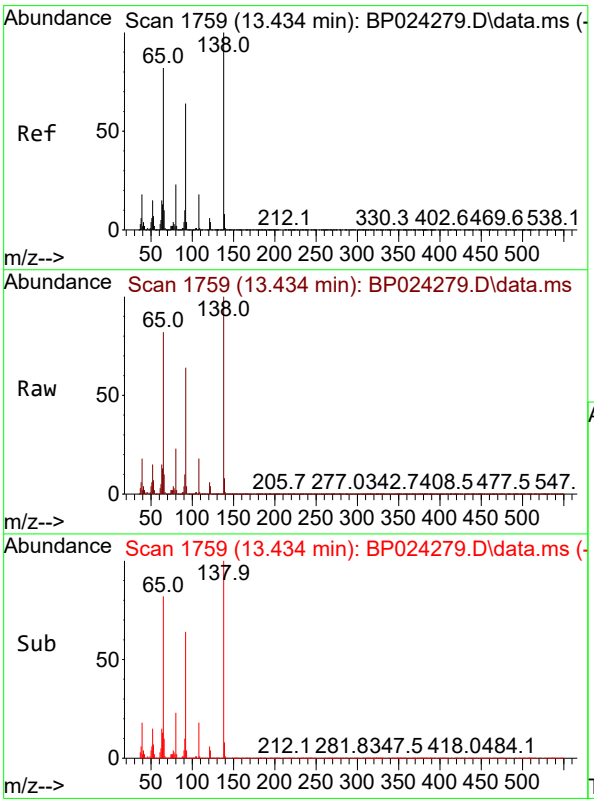
#47
2-Chloronaphthalene
Concen: 41.328 ng
RT: 13.228 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 1497152

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	32.8	26.2	39.4

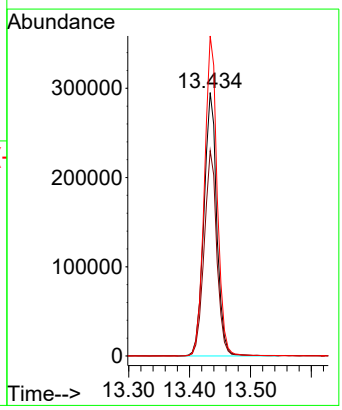


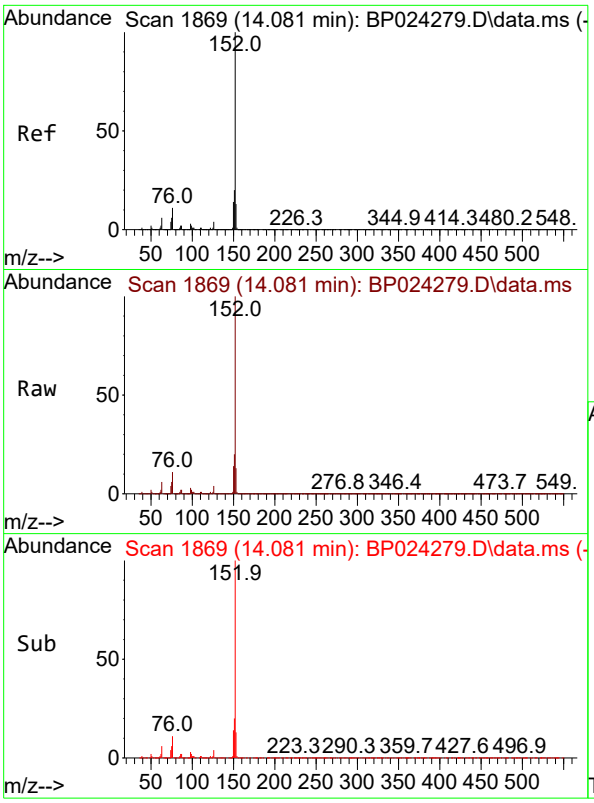


#48
2-Nitroaniline
Concen: 43.377 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion: 65 Resp: 434050

Ion	Ratio	Lower	Upper
65	100		
92	77.9	62.3	93.5
138	121.5	97.2	145.8



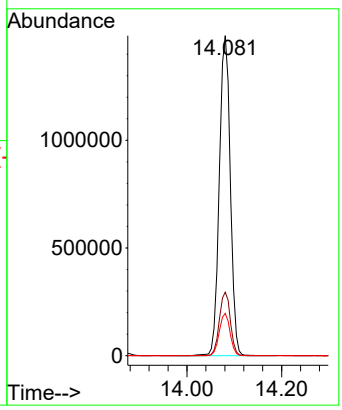


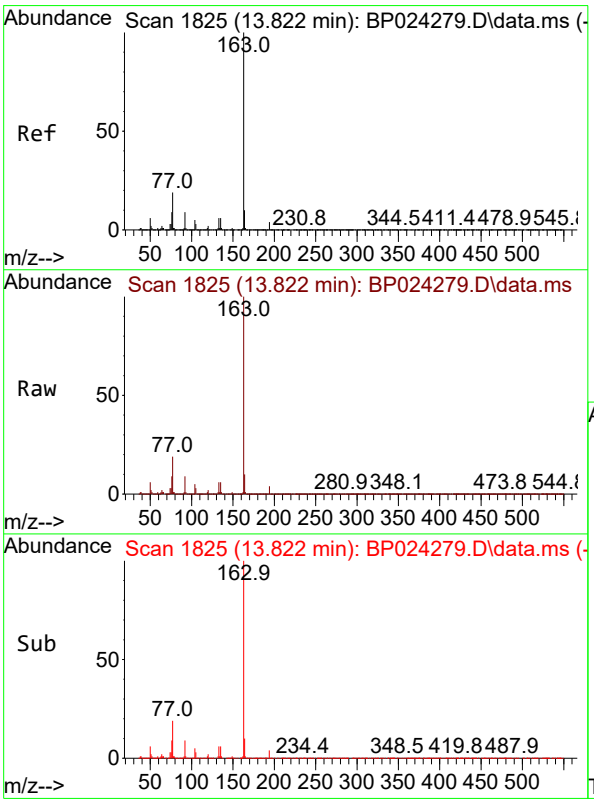
#49
Acenaphthylene
Concen: 41.944 ng
RT: 14.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 2384785

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.2	10.6	15.8

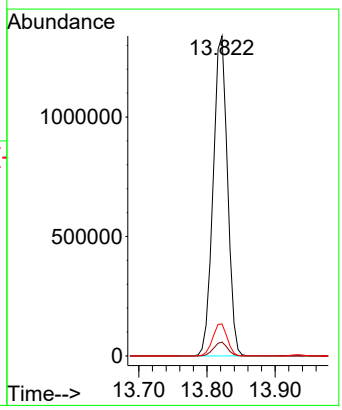


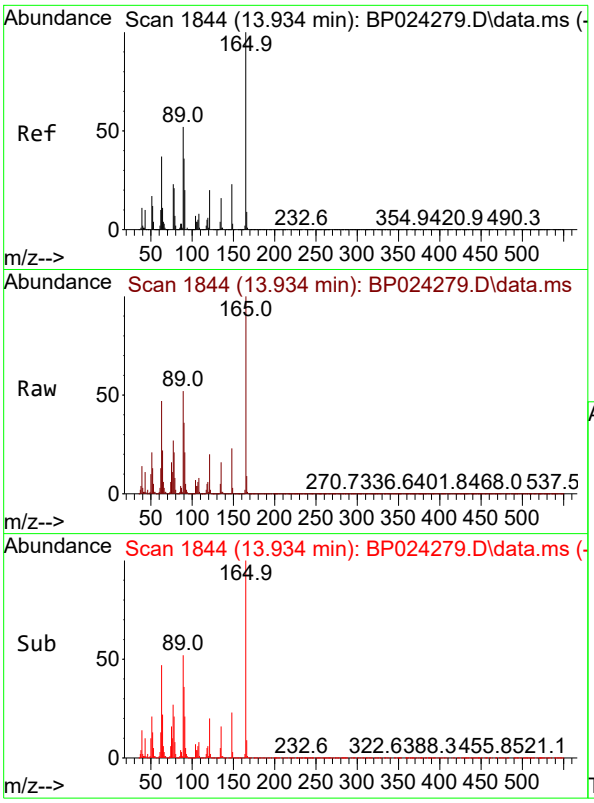


#50
Dimethylphthalate
Concen: 40.976 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:163 Resp: 1965142

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.0	12.0



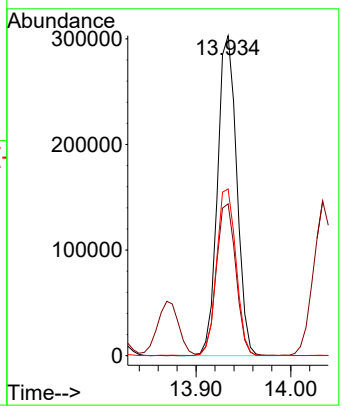


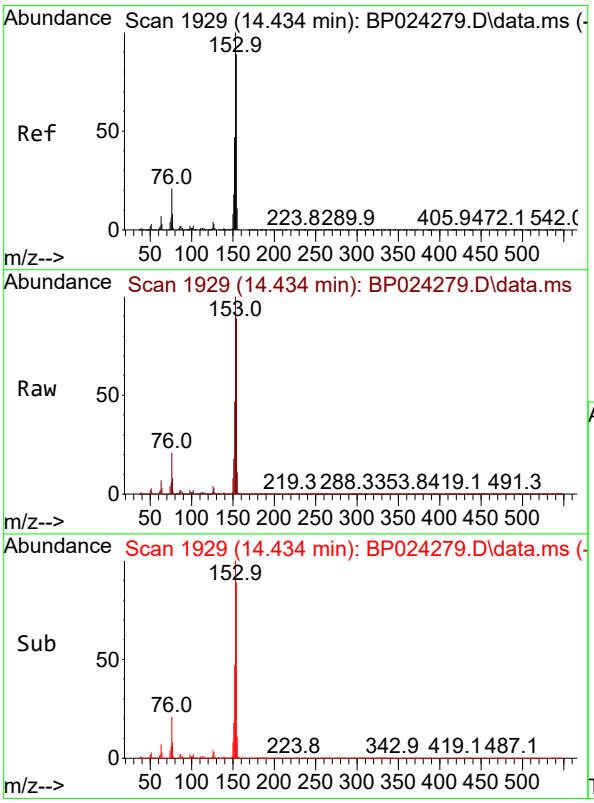
#51
2,6-Dinitrotoluene
Concen: 42.283 ng
RT: 13.934 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 427248

Ion	Ratio	Lower	Upper
165	100		
63	47.5	38.0	57.0
89	52.1	41.7	62.5

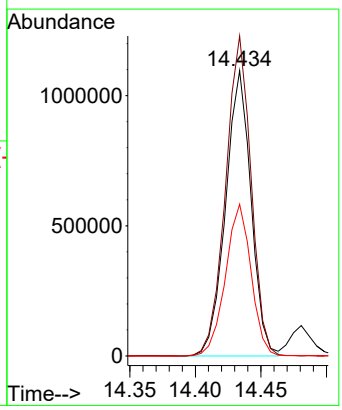


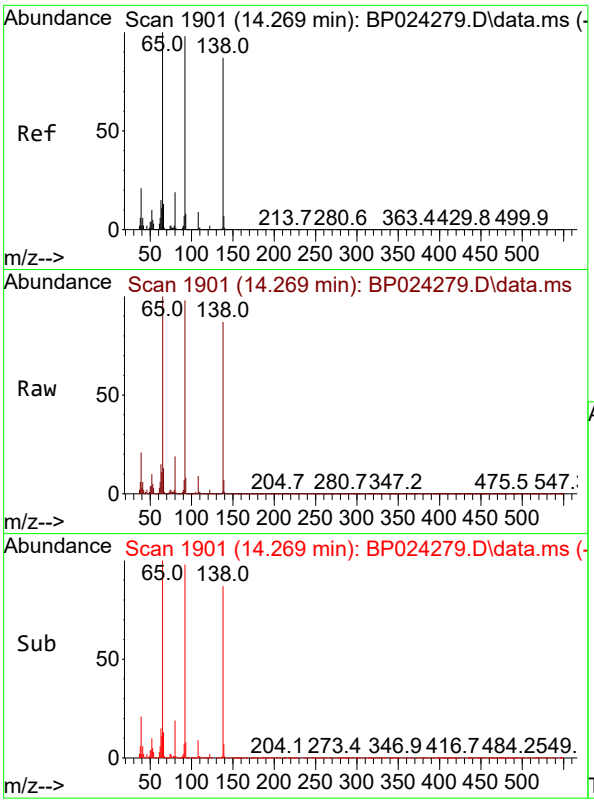


#52
Acenaphthene
Concen: 40.947 ng
RT: 14.434 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:154 Resp: 1480526

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	53.2	42.6	63.8



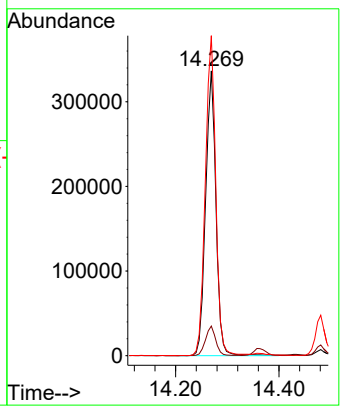


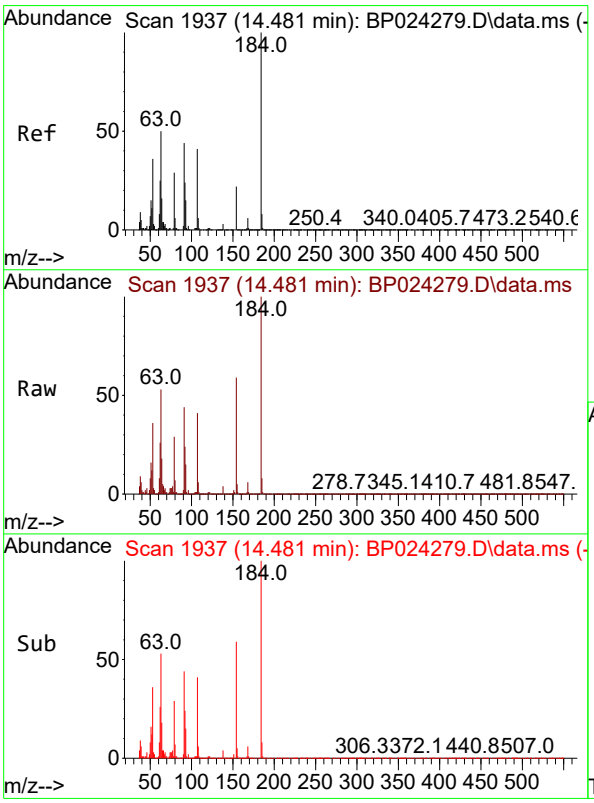
#53
3-Nitroaniline
Concen: 44.389 ng
RT: 14.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 465347

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.3	12.5
92	112.3	89.8	134.8

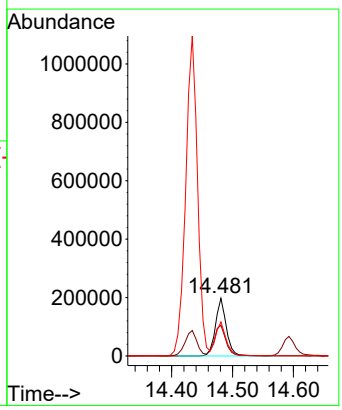


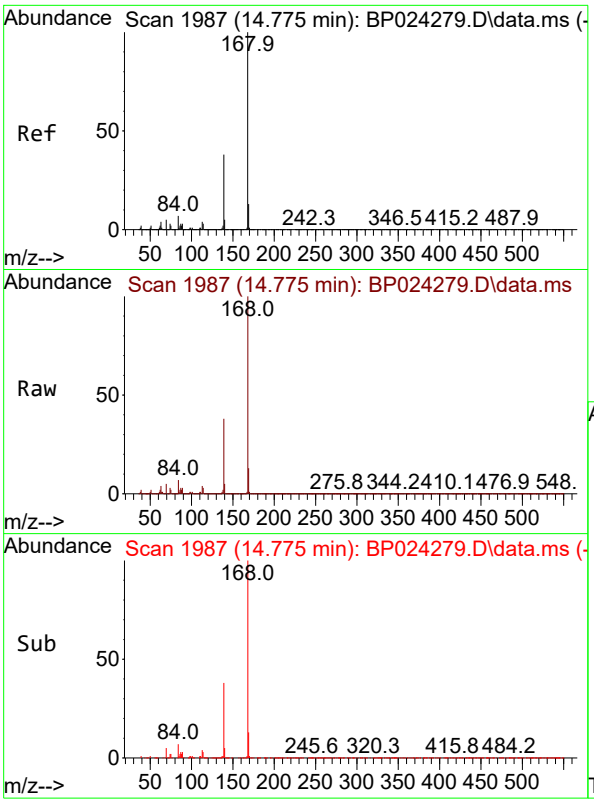


#54
2,4-Dinitrophenol
Concen: 45.231 ng
RT: 14.481 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:184 Resp: 244714

Ion	Ratio	Lower	Upper
184	100		
63	53.3	42.6	64.0
154	59.0	47.2	70.8



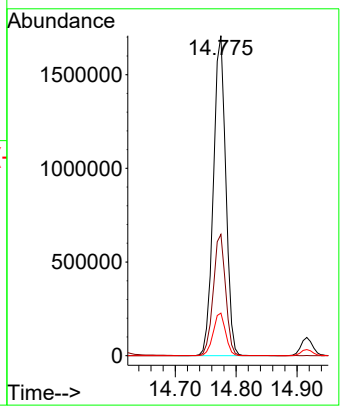


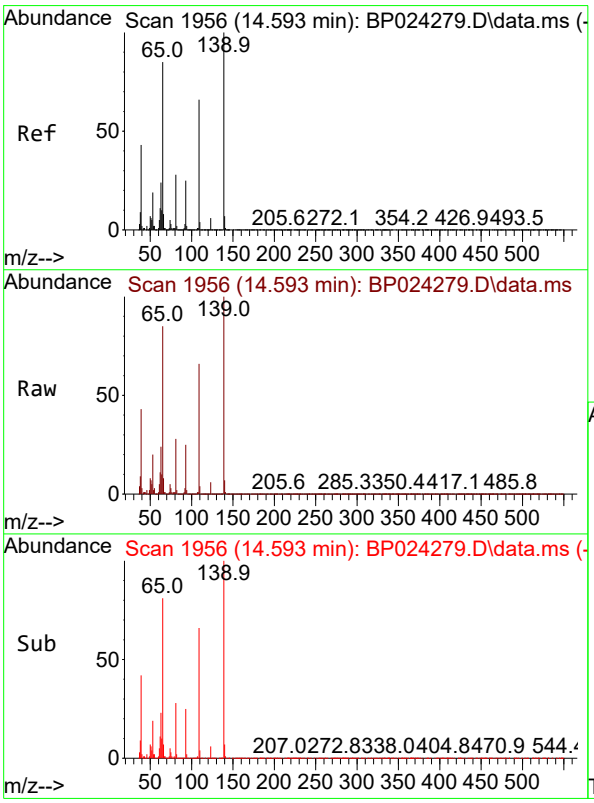
#55
Dibenzofuran
Concen: 40.633 ng
RT: 14.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 2409526

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

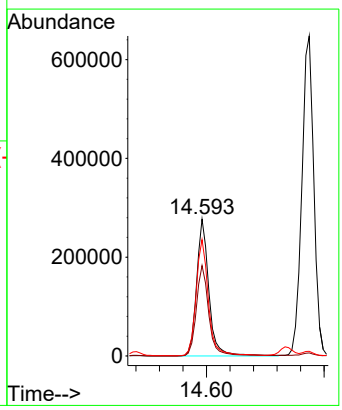


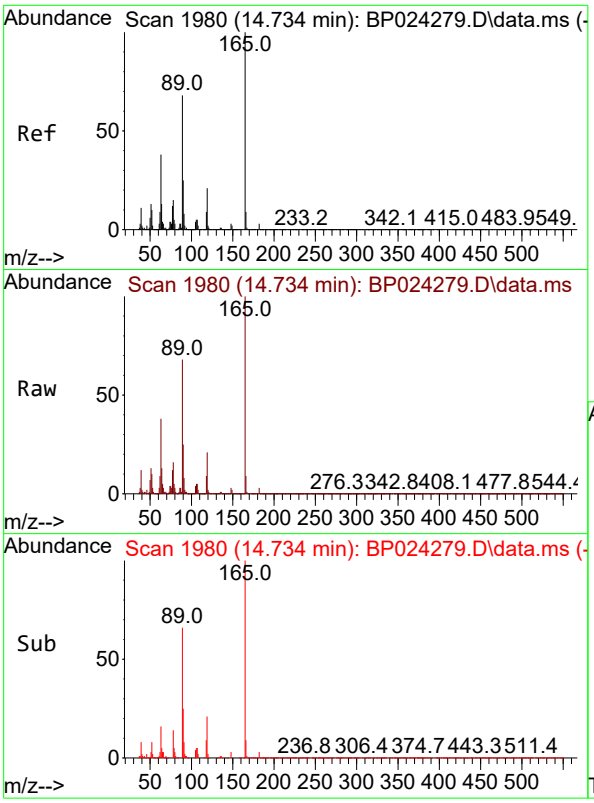


#56
4-Nitrophenol
Concen: 44.564 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:139 Resp: 401591

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	85.0	65.0	105.0



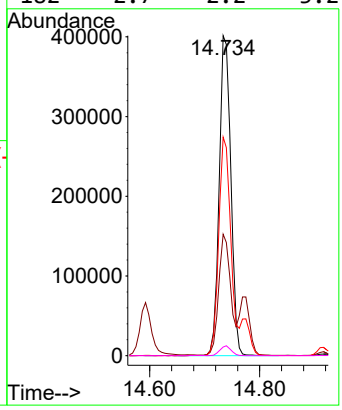


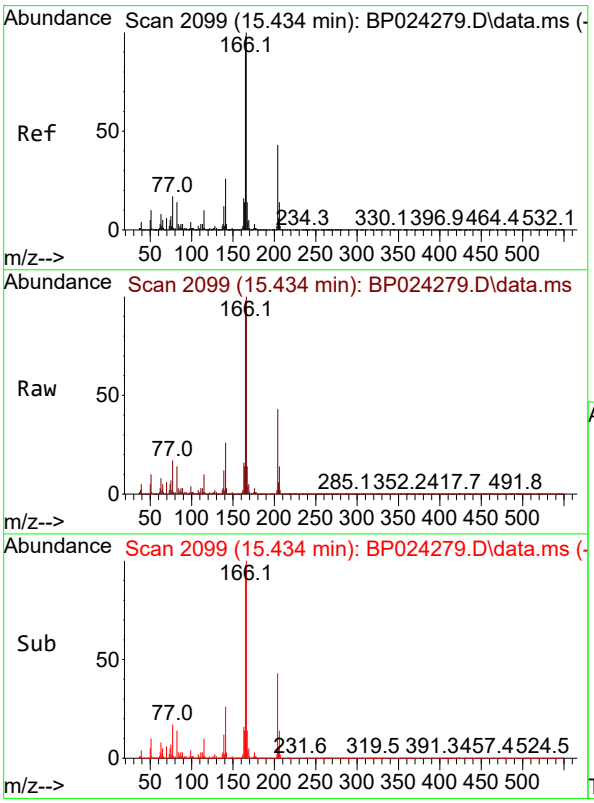
#57
2,4-Dinitrotoluene
Concen: 43.110 ng
RT: 14.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 588798

Ion	Ratio	Lower	Upper
165	100		
63	38.0	30.4	45.6
89	68.3	54.6	82.0
182	2.7	2.2	3.2

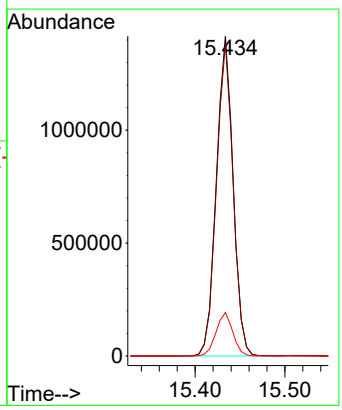


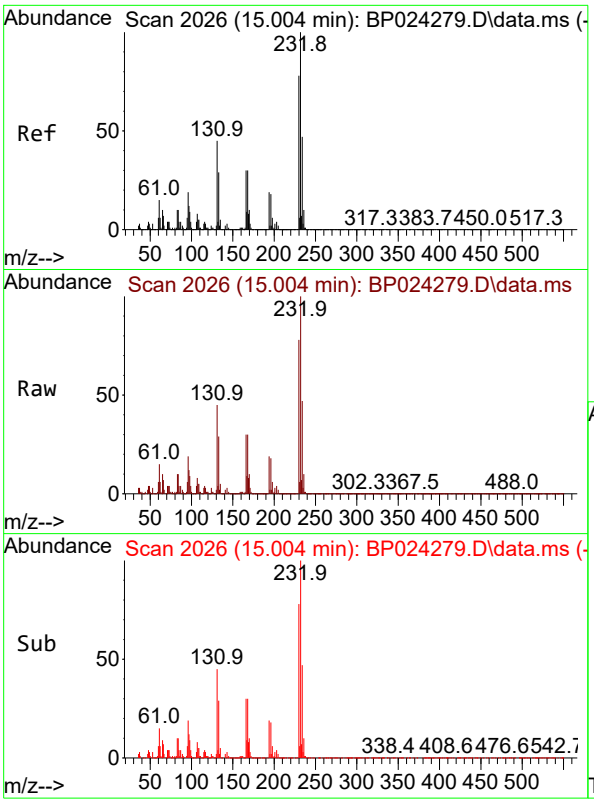


#58
Fluorene
Concen: 40.150 ng
RT: 15.434 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:166 Resp: 1838264

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.6	10.9	16.3



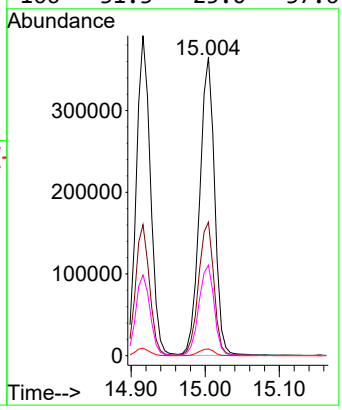


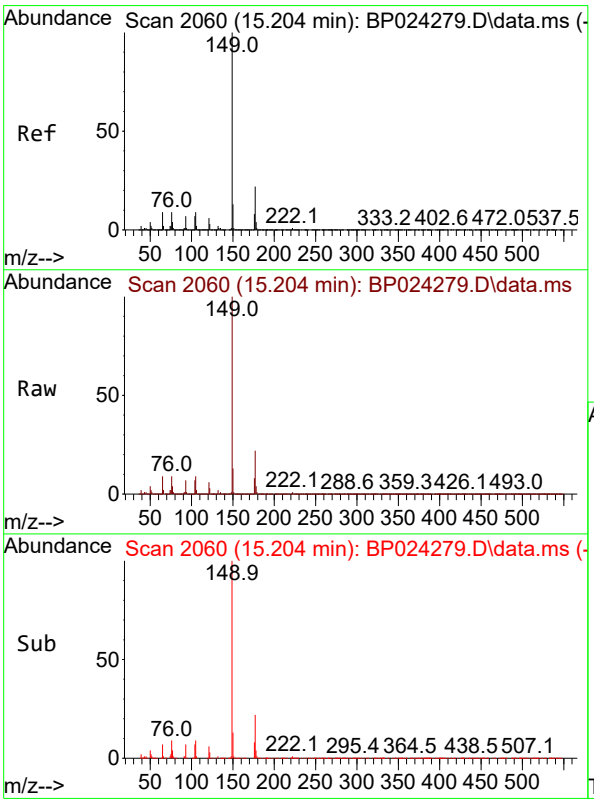
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.987 ng
RT: 15.004 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 511714

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.4	1.9	2.9
166	31.3	25.0	37.6

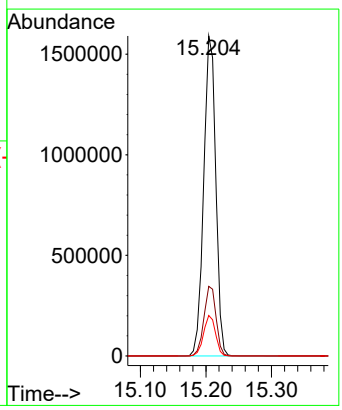


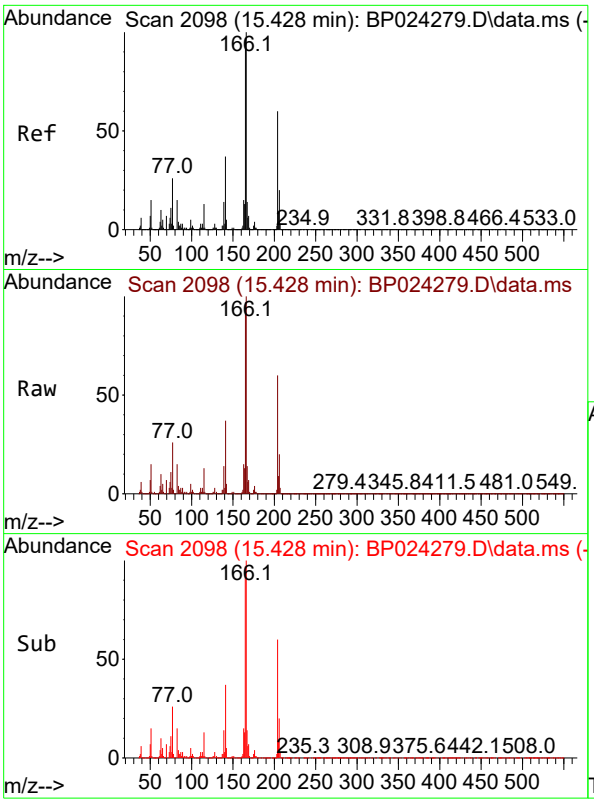


#60
Diethylphthalate
Concen: 41.286 ng
RT: 15.204 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2037863

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.6	10.1	15.1



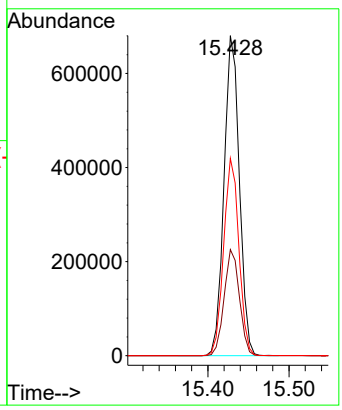


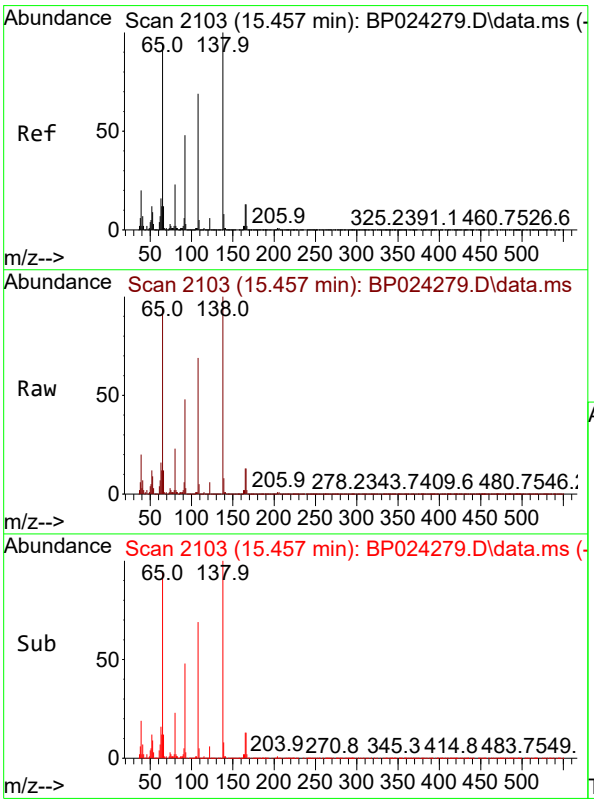
#61
4-Chlorophenyl-phenylether
Concen: 40.226 ng
RT: 15.428 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 894350

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.7	49.4	74.0

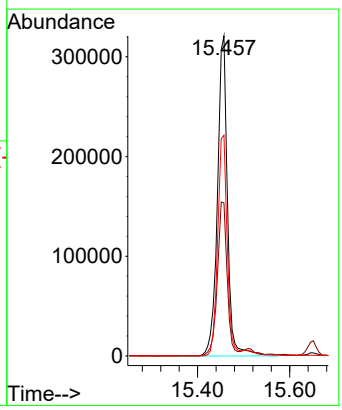


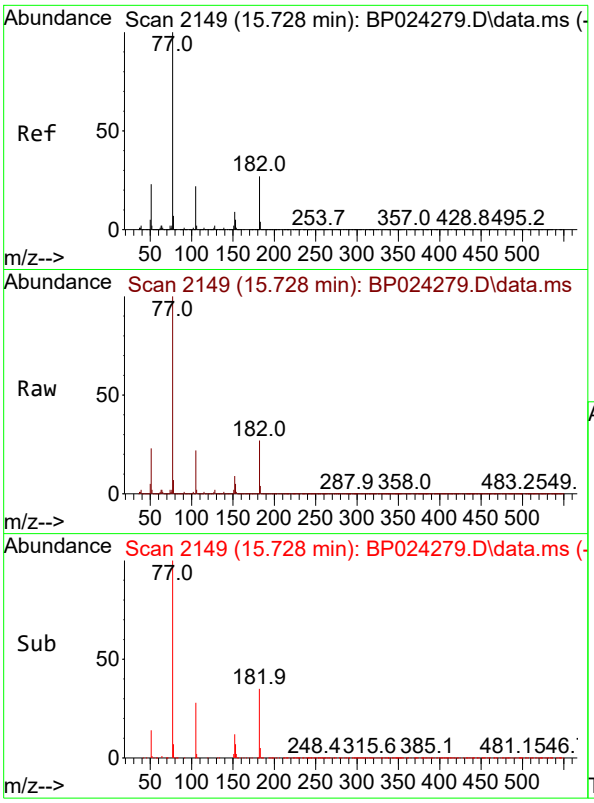


#62
4-Nitroaniline
Concen: 43.693 ng
RT: 15.457 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:138 Resp: 485622

Ion	Ratio	Lower	Upper
138	100		
92	47.8	27.8	67.8
108	68.9	48.9	88.9



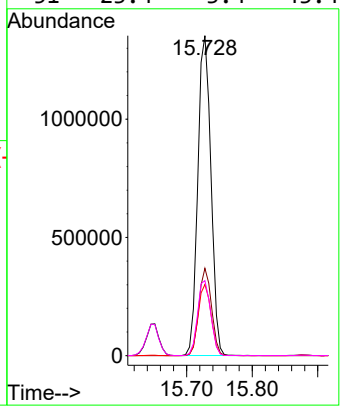


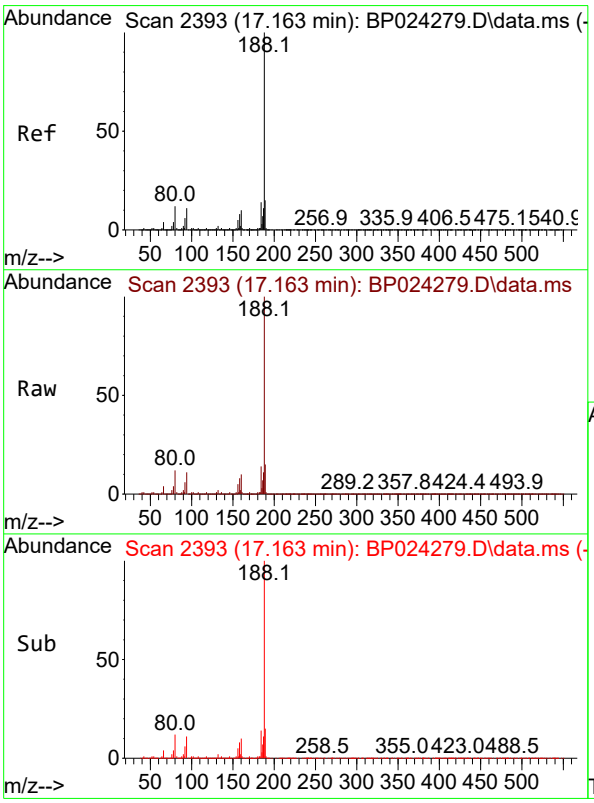
#63
Azobenzene
Concen: 41.392 ng
RT: 15.728 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 1881773

Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	22.3	2.3	42.3
51	23.4	3.4	43.4

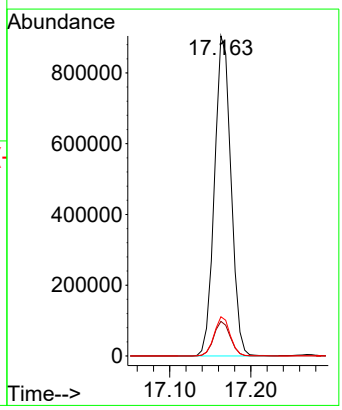


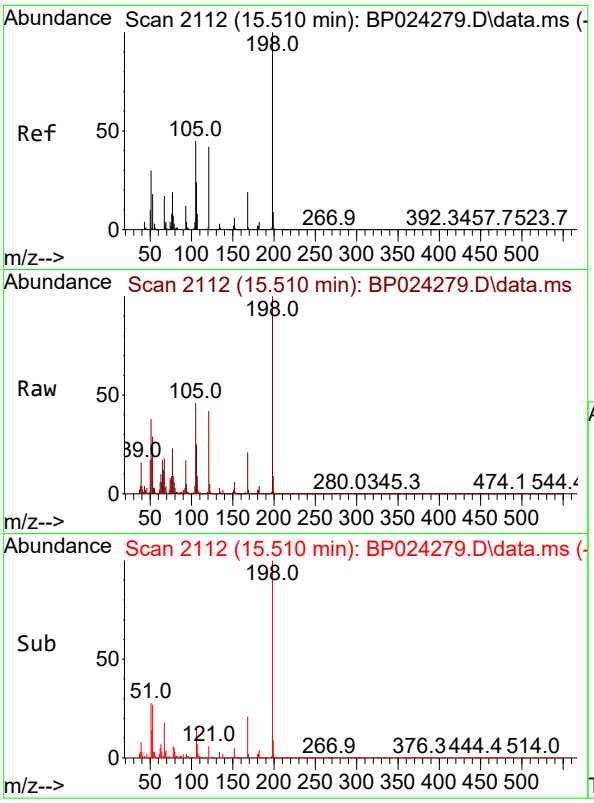


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:188 Resp: 1277198

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.2	9.8	14.6



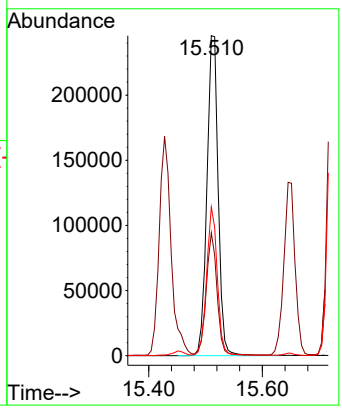


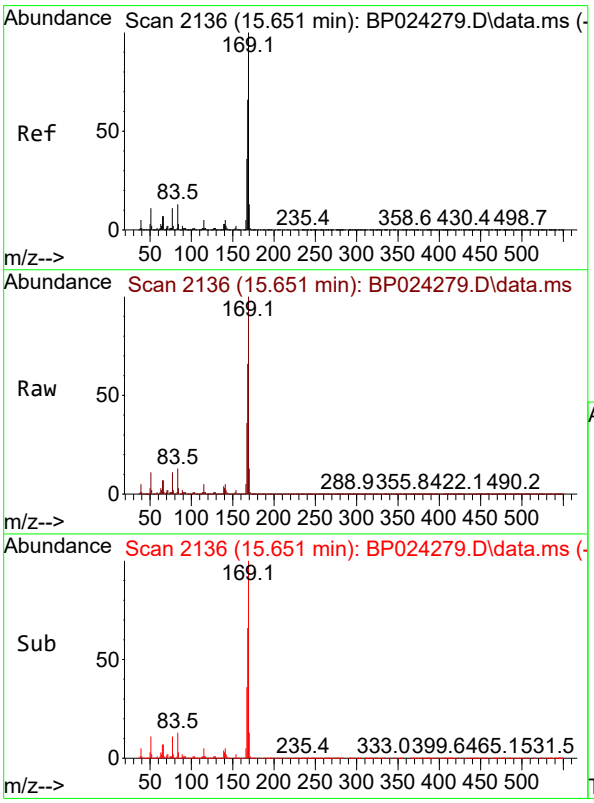
#65
4,6-Dinitro-2-methylphenol
Concen: 44.938 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 335347

Ion	Ratio	Lower	Upper
198	100		
51	38.4	18.4	58.4
105	46.5	26.5	66.5

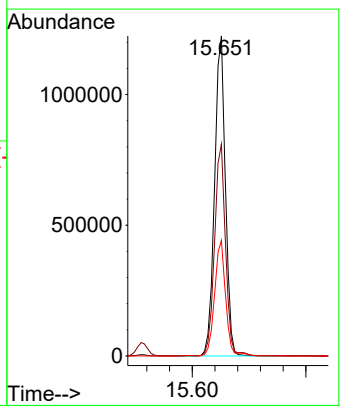


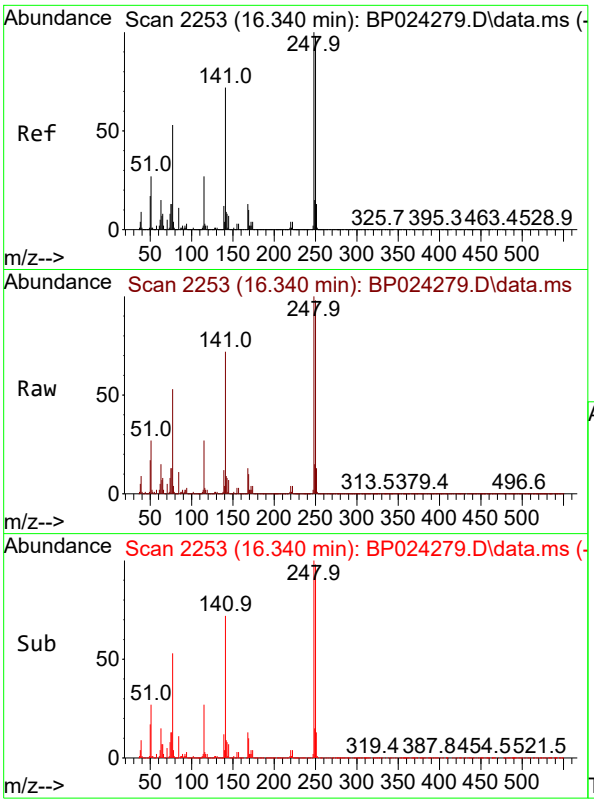


#66
n-Nitrosodiphenylamine
Concen: 42.021 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:169 Resp: 1609251

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.1	28.9	43.3



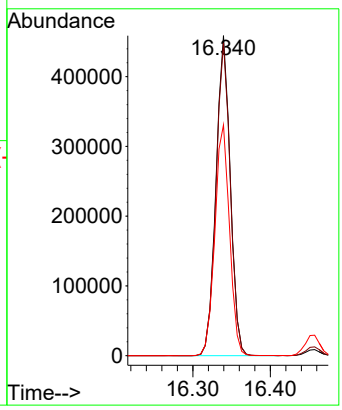


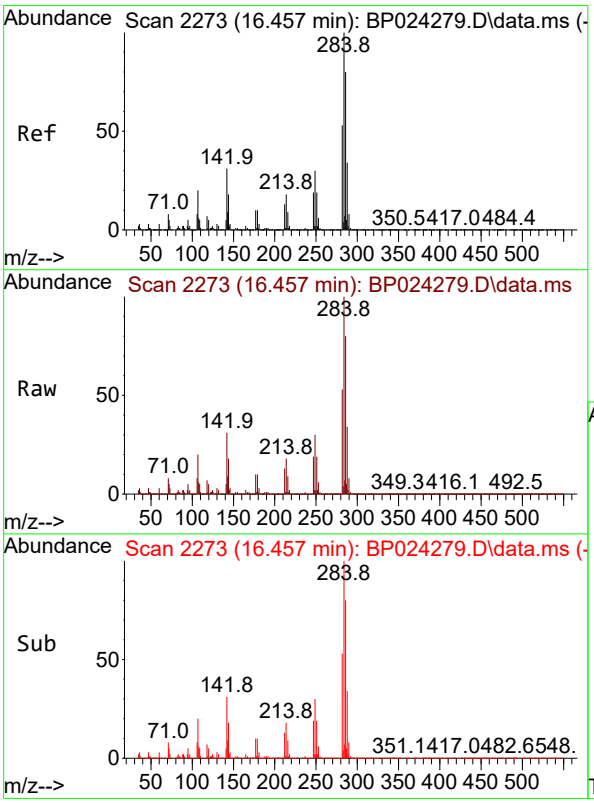
#67
4-Bromophenyl-phenylether
Concen: 42.165 ng
RT: 16.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 587416

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	72.1	57.7	86.5

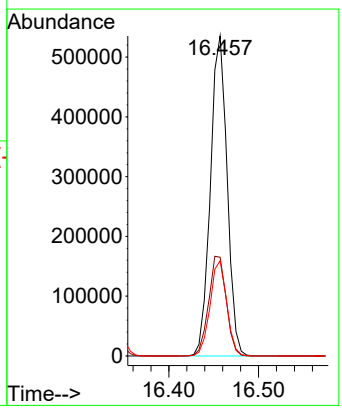


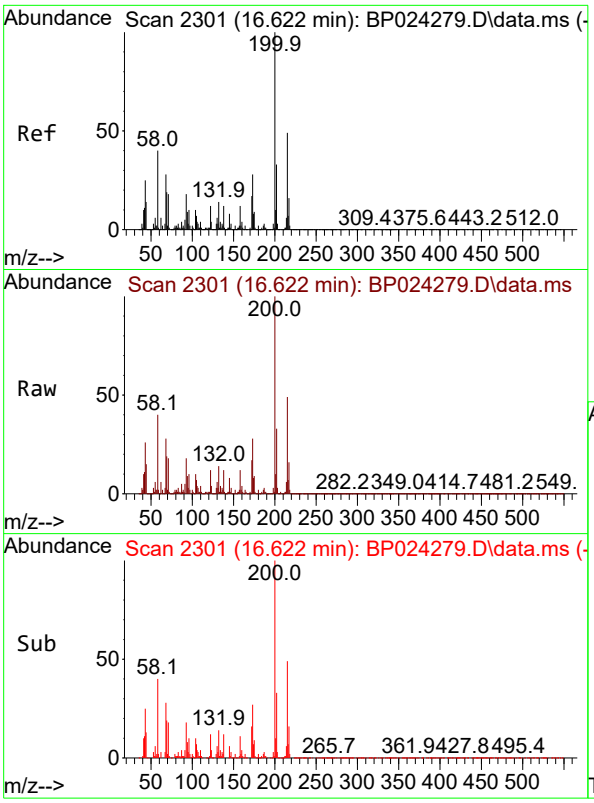


#68
Hexachlorobenzene
Concen: 41.815 ng
RT: 16.457 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:284 Resp: 692546

Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.6	37.0
249	29.7	23.8	35.6



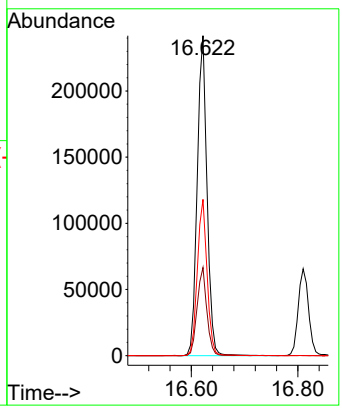


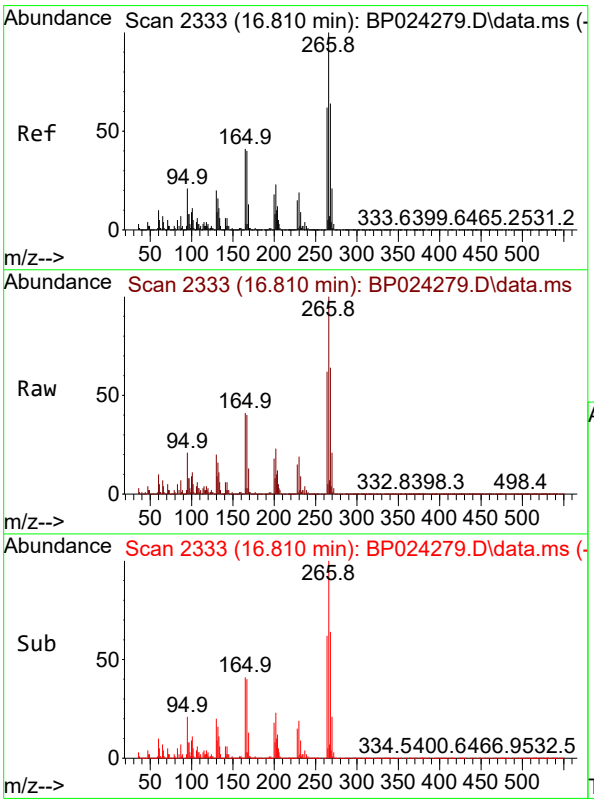
#69
Atrazine
Concen: 31.786 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 308618

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.5	47.5
215	48.8	28.8	68.8

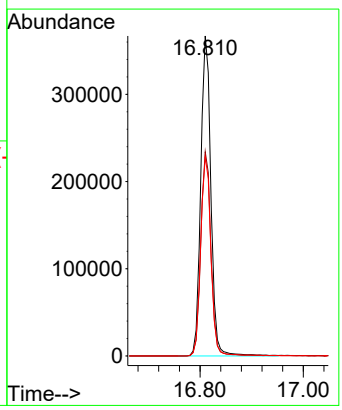


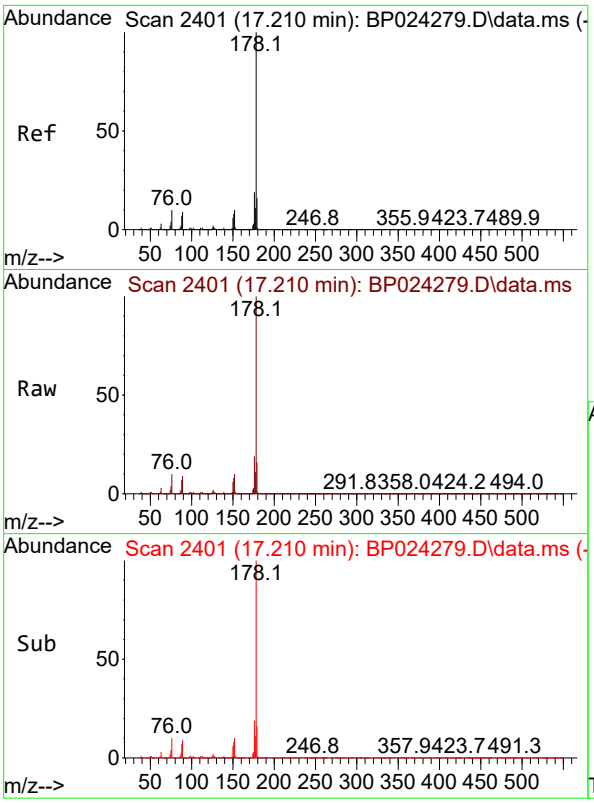


#70
Pentachlorophenol
Concen: 43.955 ng
RT: 16.810 min Scan# 2333
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:266 Resp: 499858

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.2	49.8	74.6



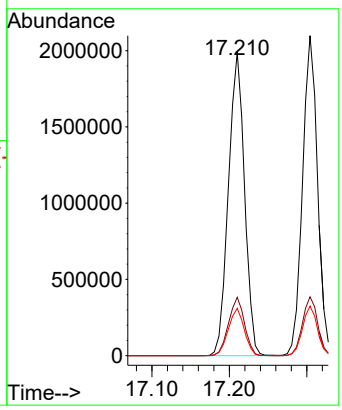


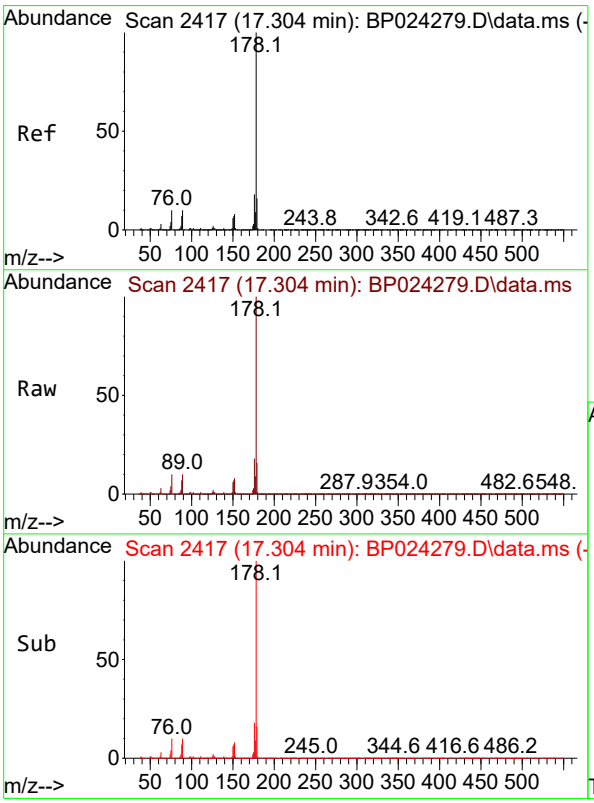
#71
Phenanthrene
Concen: 41.121 ng
RT: 17.210 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 2879498

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.5	18.7

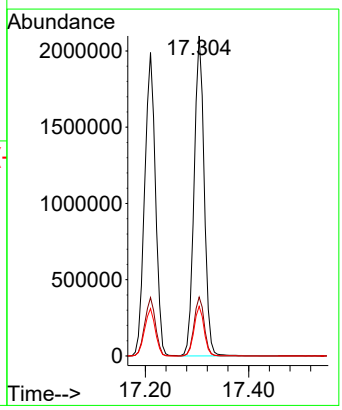


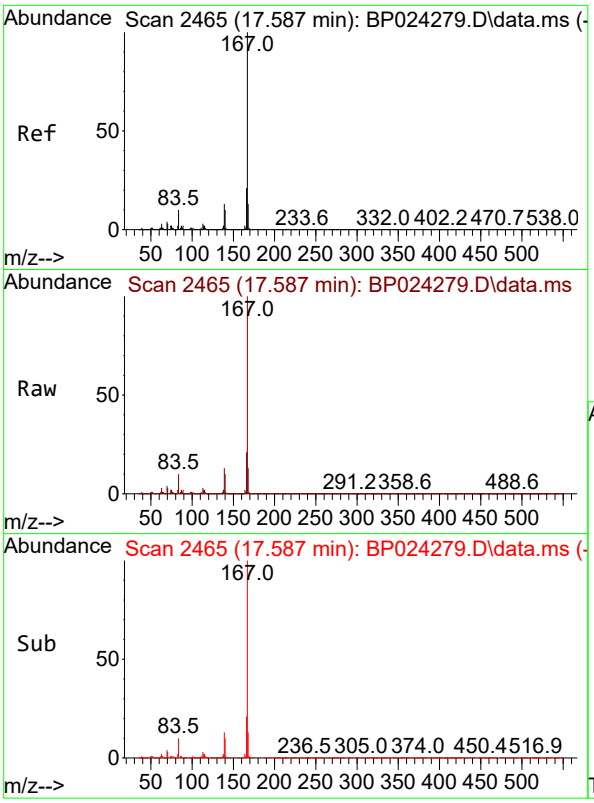


#72
Anthracene
Concen: 42.130 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:178 Resp: 2838724

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.7	22.1
179	15.5	12.4	18.6



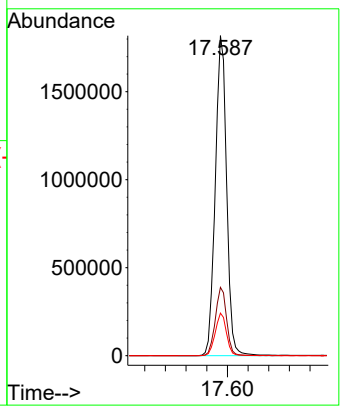


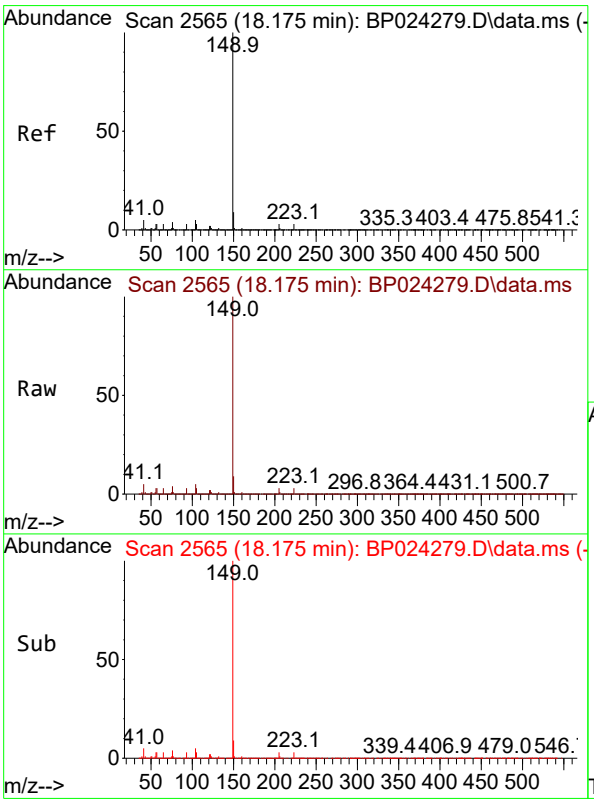
#73
Carbazole
Concen: 42.242 ng
RT: 17.587 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 2770072

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.3	10.6	16.0

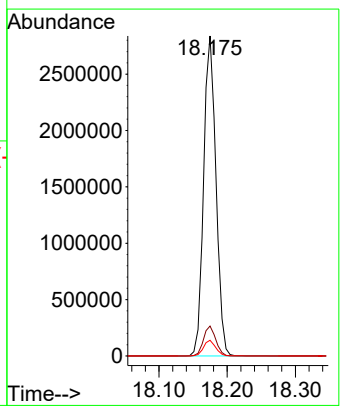


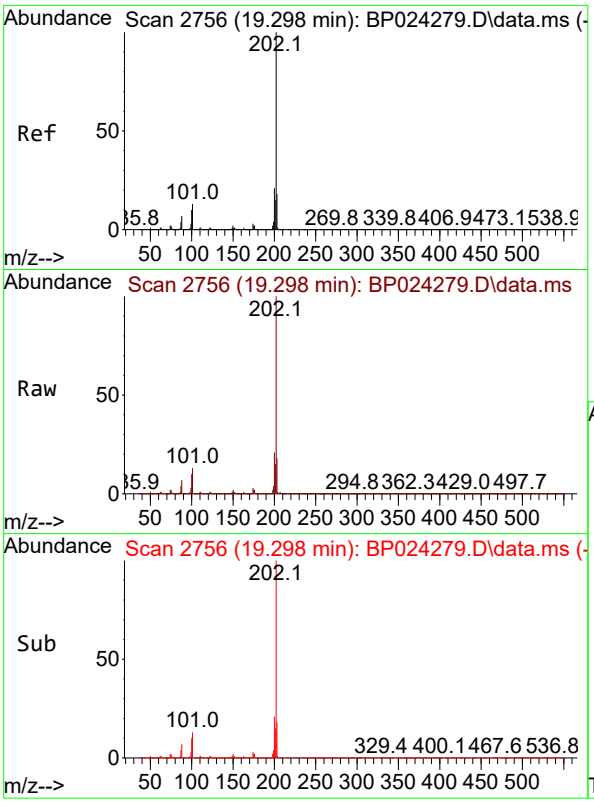


#74
Di-n-butylphthalate
Concen: 43.708 ng
RT: 18.175 min Scan# 2565
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 3571220

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.9	5.9



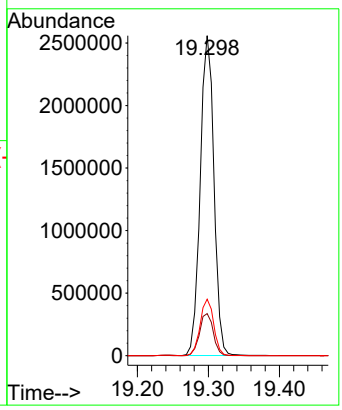


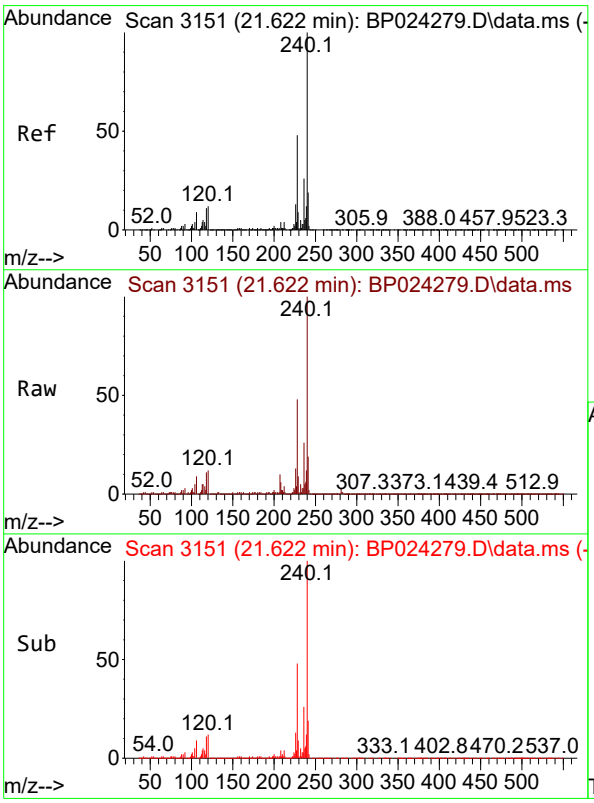
#75
Fluoranthene
Concen: 41.404 ng
RT: 19.298 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 3441282

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.7	0.0	37.7

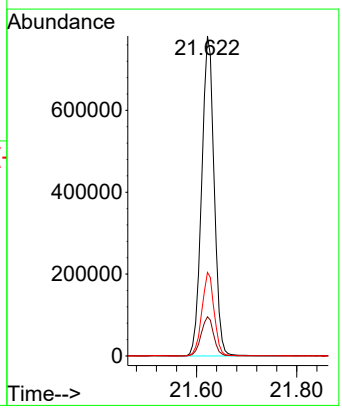


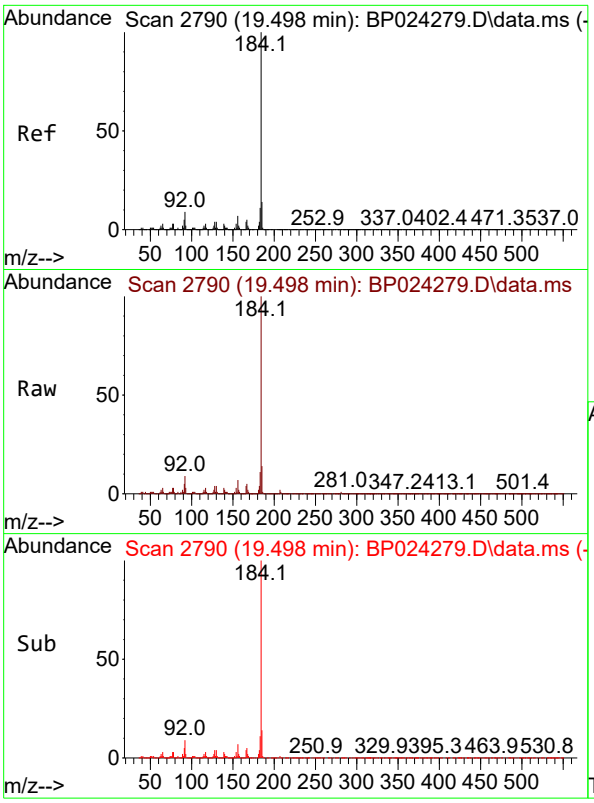


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:240 Resp: 1349860

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.8	14.8
236	26.1	20.9	31.3



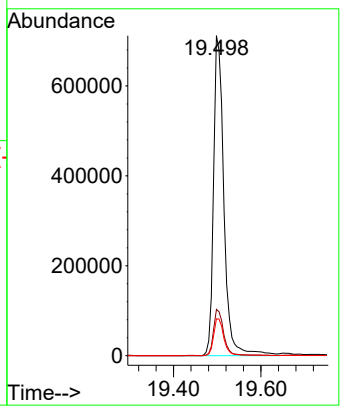


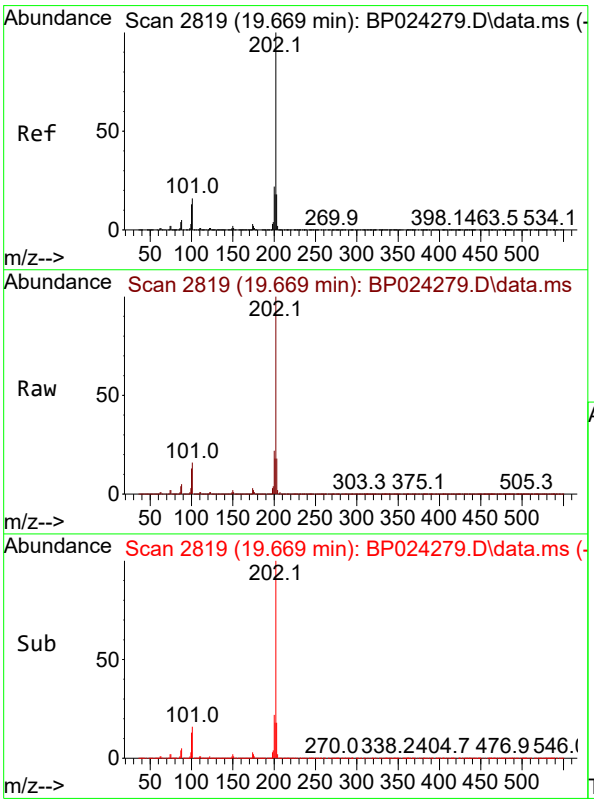
#77
Benzidine
Concen: 70.714 ng
RT: 19.498 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 1178258

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.5	9.2	13.8

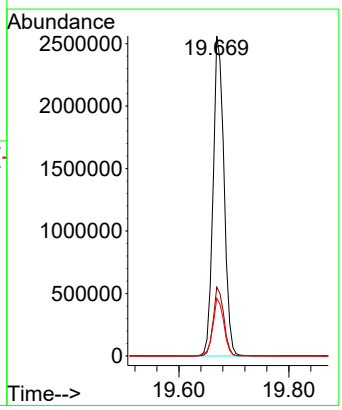


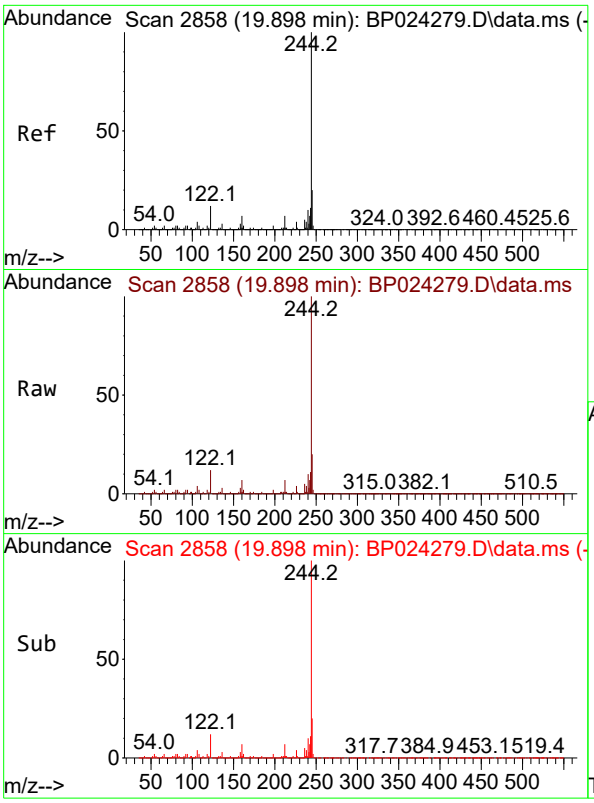


#78
Pyrene
Concen: 40.790 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:202 Resp: 3523104

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	18.0	14.4	21.6



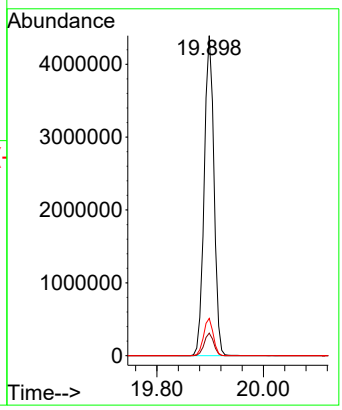


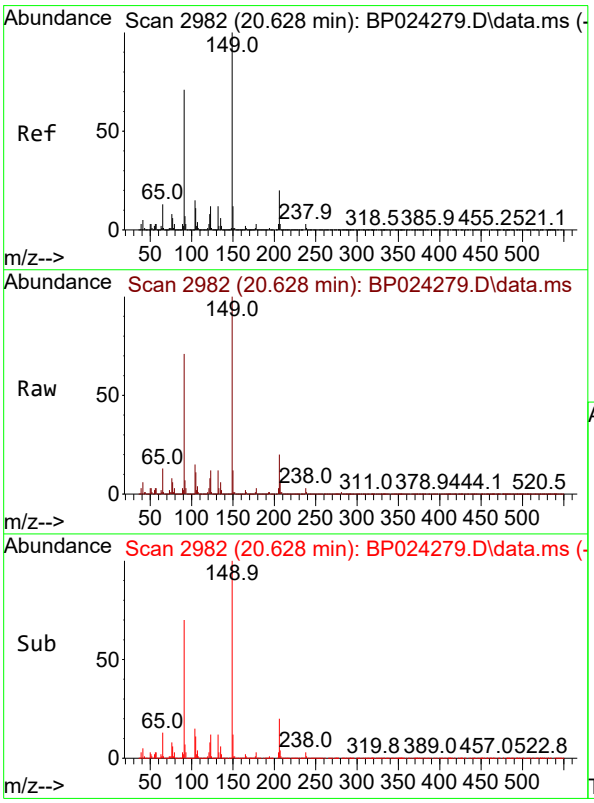
#79
Terphenyl-d14
Concen: 82.266 ng
RT: 19.898 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 5570563

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	9.4	14.0

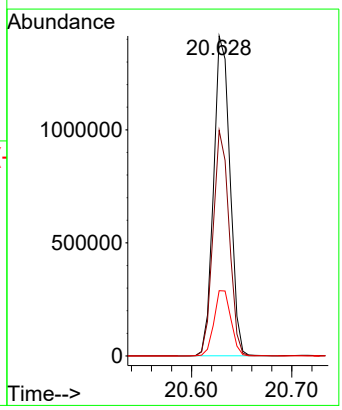


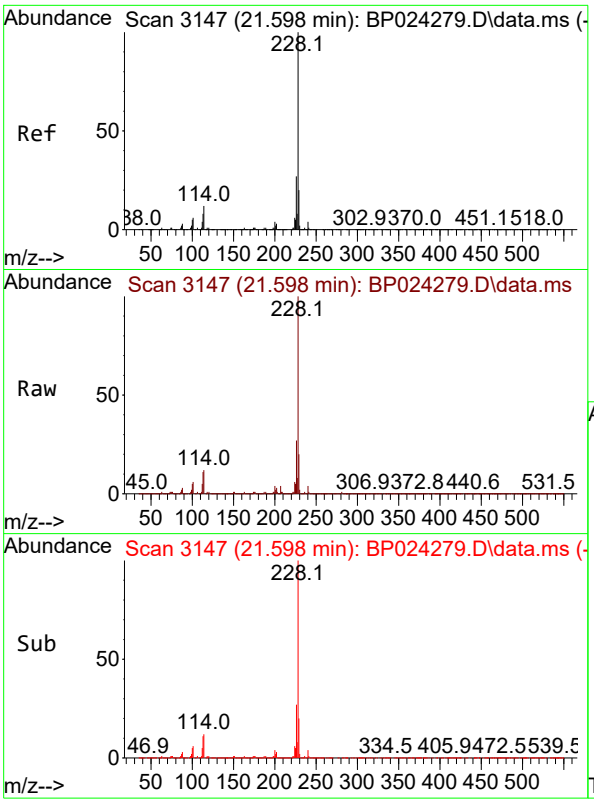


#80
Butylbenzylphthalate
Concen: 44.158 ng
RT: 20.628 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 1607881

Ion	Ratio	Lower	Upper
149	100		
91	70.5	56.4	84.6
206	20.4	16.3	24.5



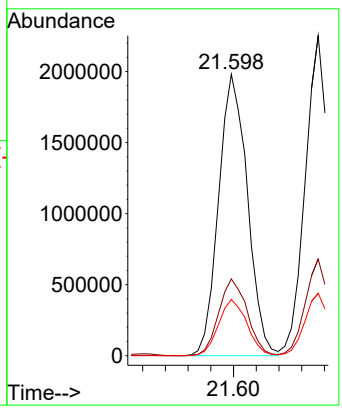


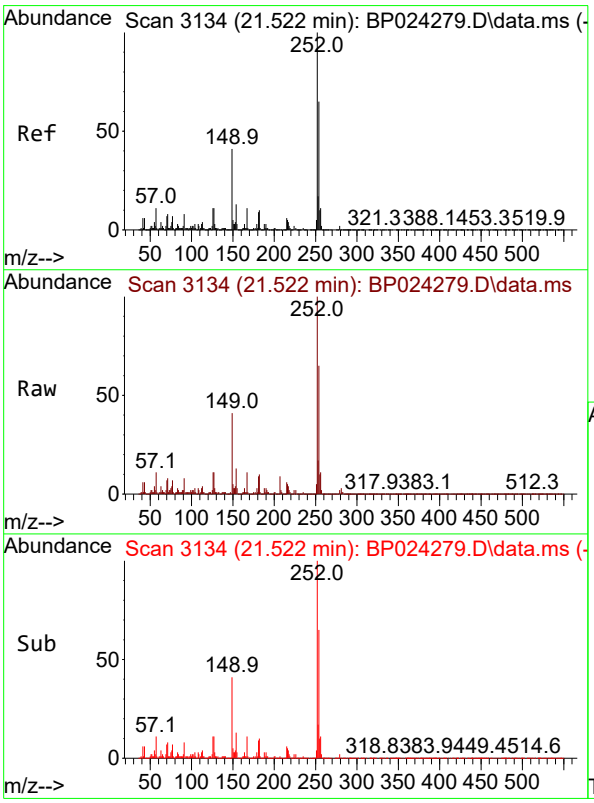
#81
Benzo(a)anthracene
Concen: 41.472 ng
RT: 21.598 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3489938

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	15.9	23.9

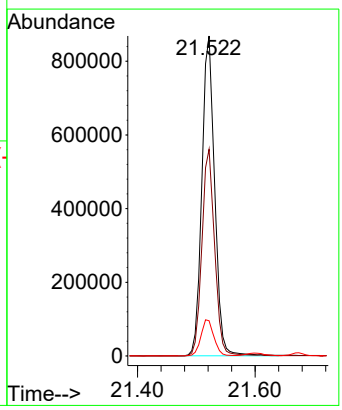


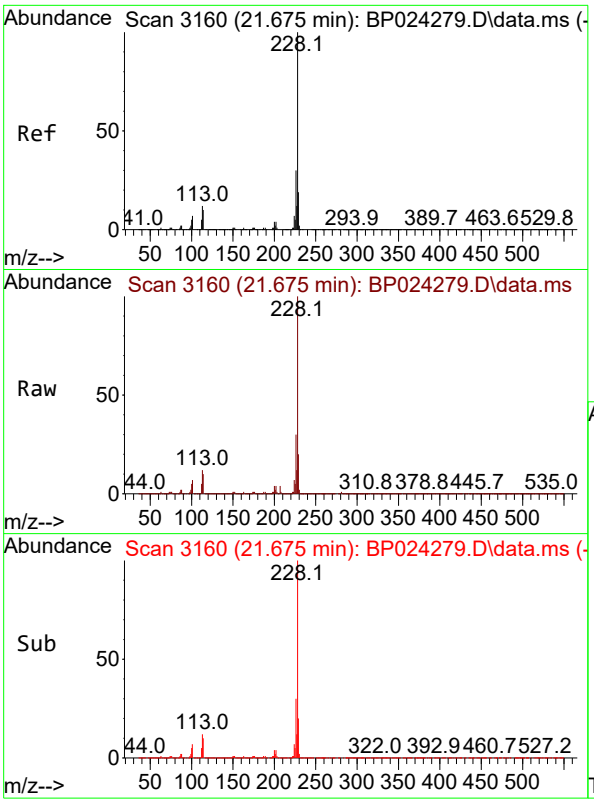


#82
3,3'-Dichlorobenzidine
Concen: 44.953 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 1311770

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	11.0	8.8	13.2



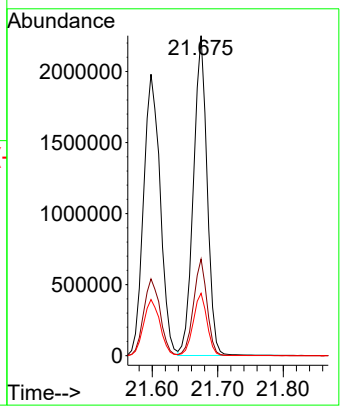


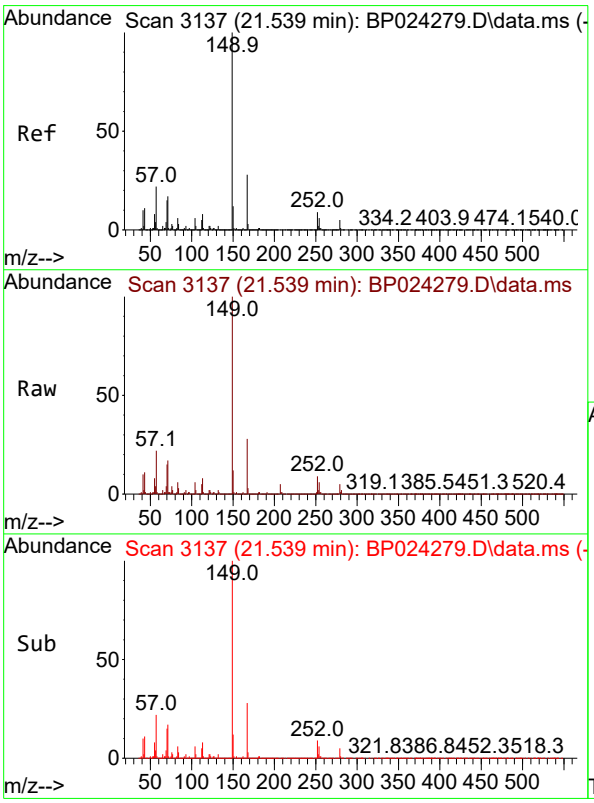
#83
Chrysene
Concen: 40.596 ng
RT: 21.675 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 3274153

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.5	15.6	23.4

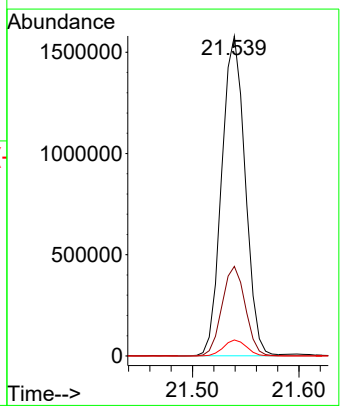


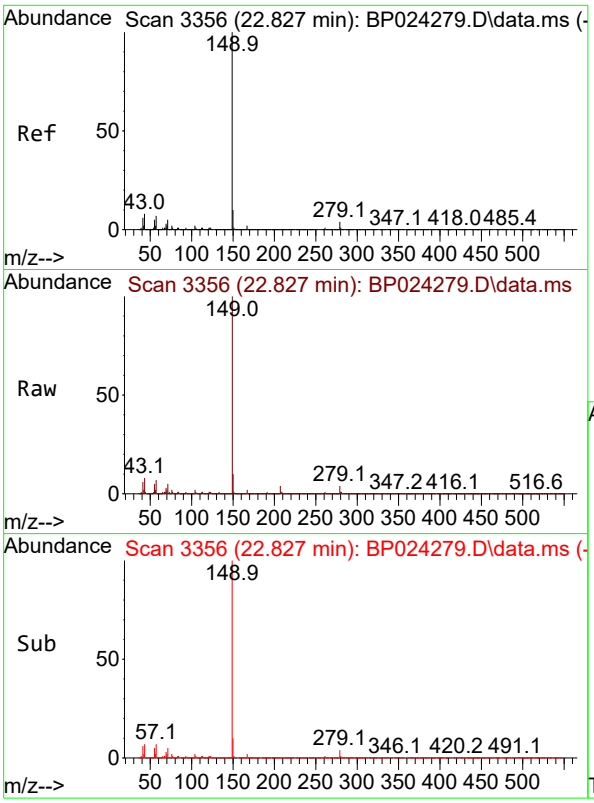


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.979 ng
RT: 21.539 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:149 Resp: 2411998

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.0	4.0	6.0



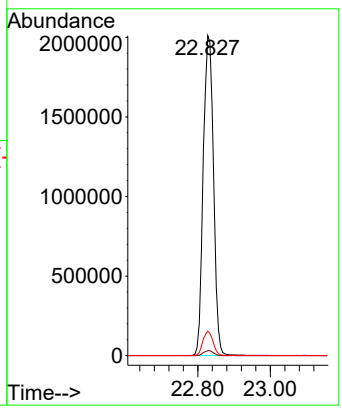


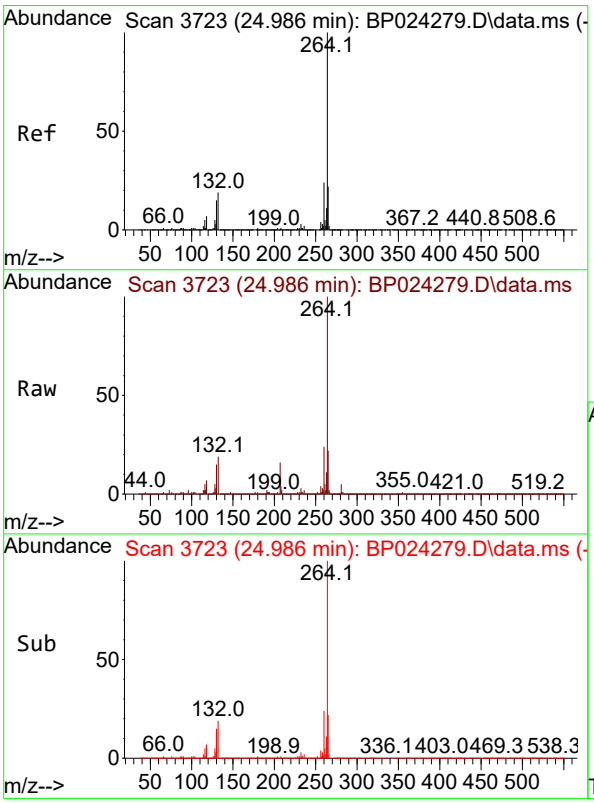
#85
Di-n-octyl phthalate
Concen: 45.913 ng
RT: 22.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 3943939

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.0	9.0

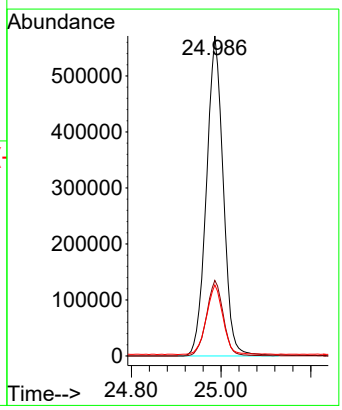


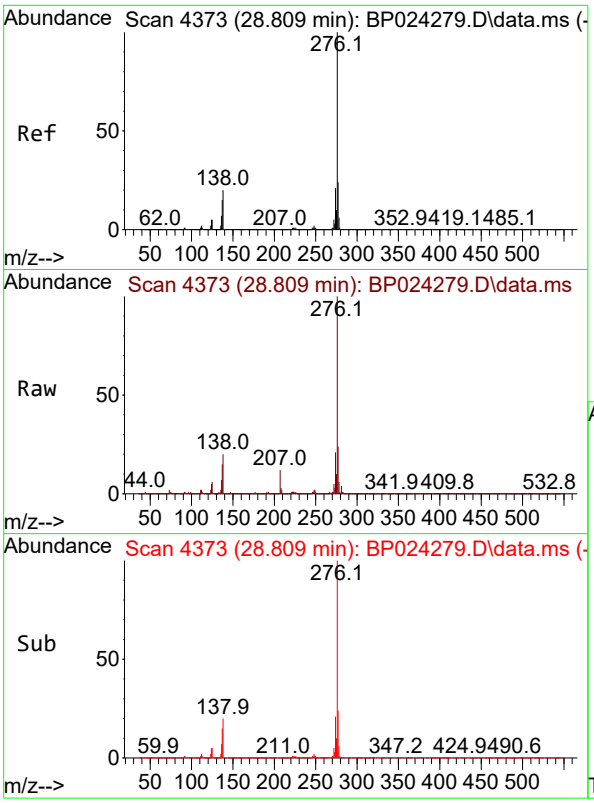


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:264 Resp: 1485135

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.8	26.6



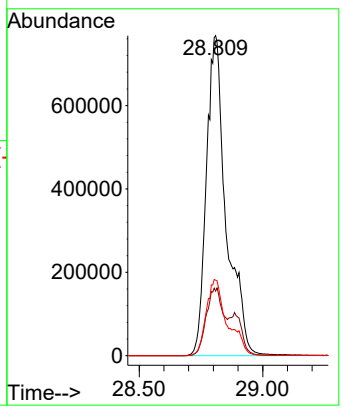


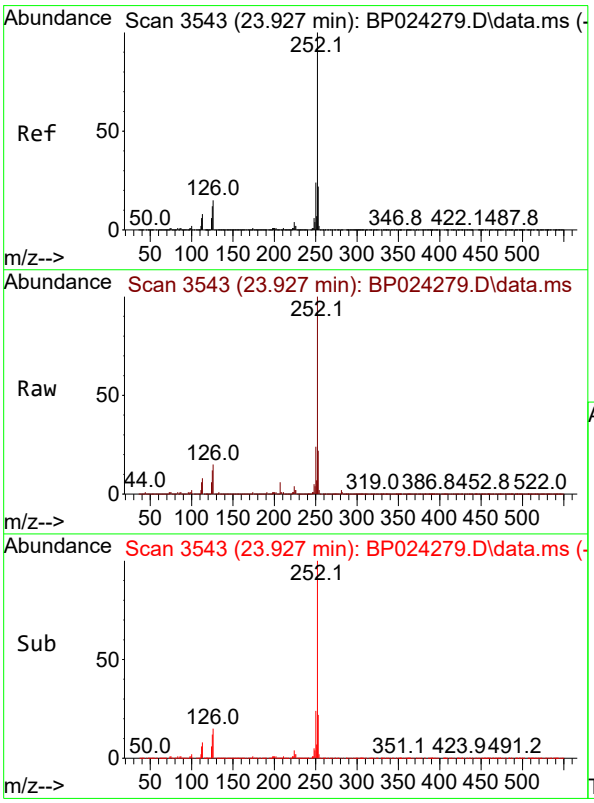
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.987 ng
RT: 28.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 4288630

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.5	21.7
277	25.2	20.2	30.2

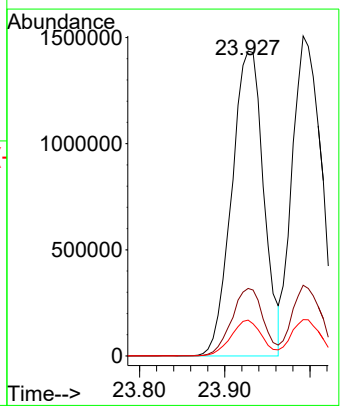


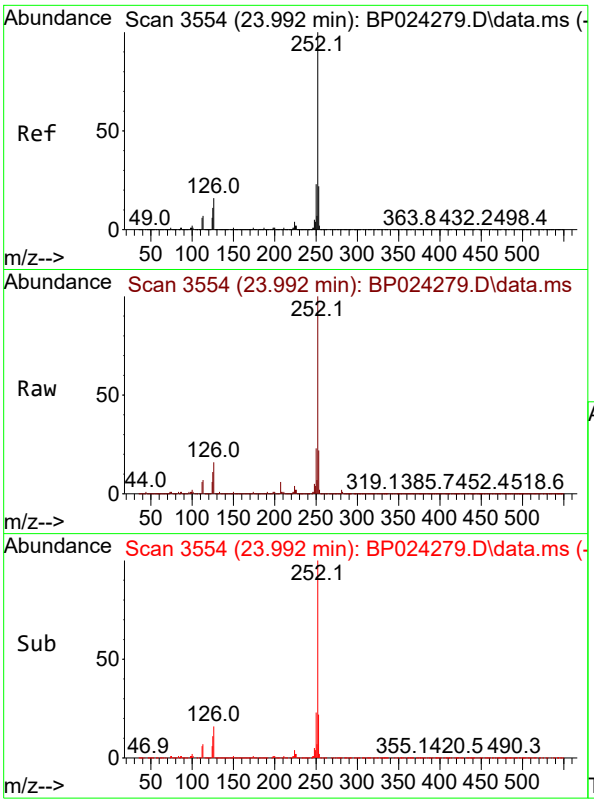


#88
Benzo(b)fluoranthene
Concen: 42.058 ng
RT: 23.927 min Scan# 3543
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3737035

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.7	9.4	14.0



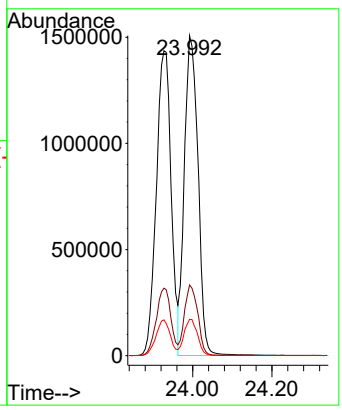


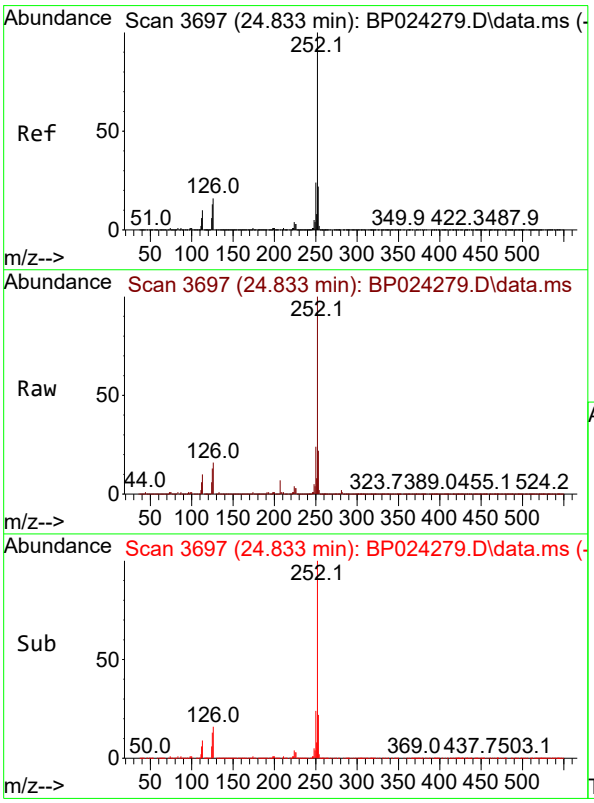
#89
Benzo(k)fluoranthene
Concen: 41.753 ng
RT: 23.992 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 3600626

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.4	9.1	13.7

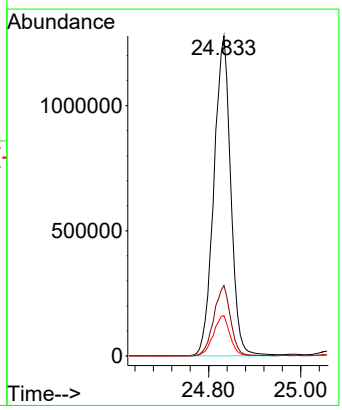


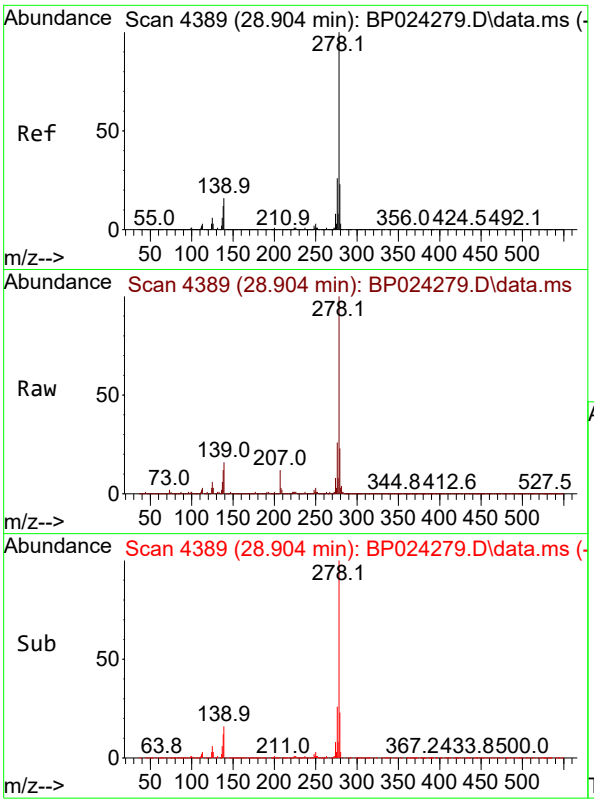


#90
Benzo(a)pyrene
Concen: 42.369 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:252 Resp: 3240684

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	12.6	10.1	15.1



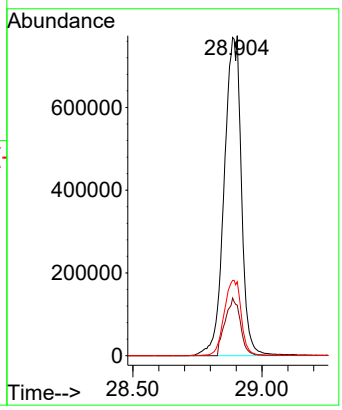


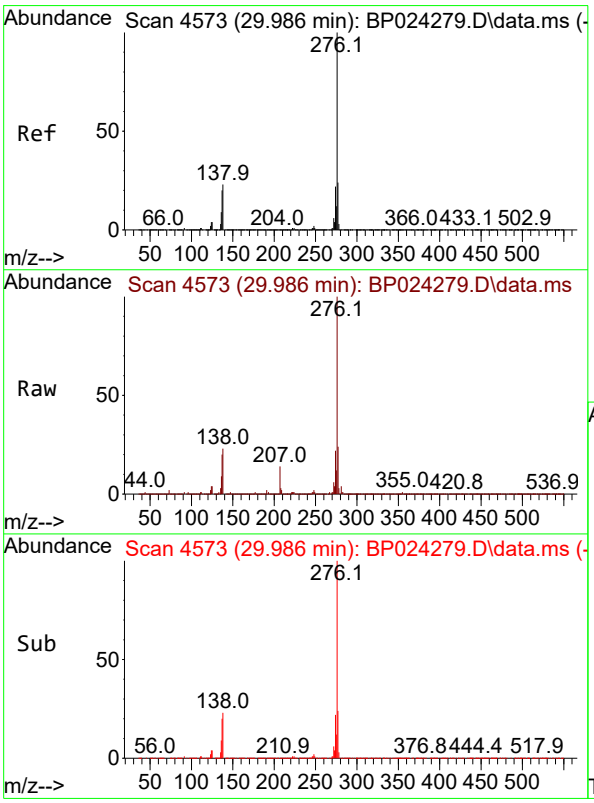
#91
Dibenzo(a,h)anthracene
Concen: 42.061 ng
RT: 28.904 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 3573562

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.6	19.0
279	23.1	18.5	27.7

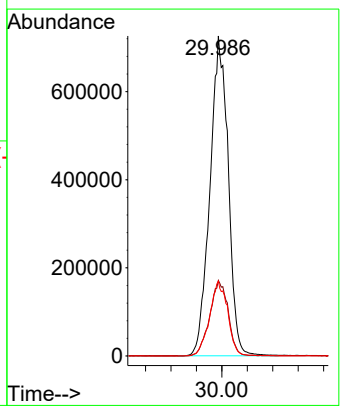




#92
Benzo(g,h,i)perylene
Concen: 41.826 ng
RT: 29.986 min Scan# 4573
Delta R.T. 0.000 min
Lab File: BP024279.D
Acq: 14 Apr 2025 13:49

Tgt Ion:276 Resp: 3617069

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	23.4	18.7	28.1



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	277364	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1176925	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	760235	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	1505097	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1527193	20.000	ng		0.00
86) Perylene-d12	24.986	264	1706545	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	1677842	99.834	ng		0.00
7) Phenol-d6	6.916	99	2353543	102.366	ng		0.00
23) Nitrobenzene-d5	8.881	82	2100100	101.588	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1098486	105.521	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	4800845	95.877	ng		0.00
79) Terphenyl-d14	19.898	244	7671902	100.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	333474	46.479	ng		100
3) Pyridine	3.687	79	924382m	49.495	ng		
4) n-Nitrosodimethylamine	3.593	42	306279	49.180	ng		99
6) Aniline	7.075	93	972988	46.879	ng		100
8) 2-Chlorophenol	7.310	128	942078	50.160	ng		99
9) Benzaldehyde	6.887	77	507606	42.627	ng		97
10) Phenol	6.946	94	1177623	51.012	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	915679	49.085	ng		100
12) 1,3-Dichlorobenzene	7.622	146	972089	47.770	ng		100
13) 1,4-Dichlorobenzene	7.769	146	995872	48.262	ng		99
14) 1,2-Dichlorobenzene	8.087	146	944314	47.327	ng		99
15) Benzyl Alcohol	7.975	79	791998	53.745	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	973910	47.988	ng		99
17) 2-Methylphenol	8.175	107	766536	51.526	ng		100
18) Hexachloroethane	8.805	117	360999	48.472	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	722064	50.562	ng		98
20) 3+4-Methylphenols	8.505	107	1086273	52.718	ng		99
22) Acetophenone	8.546	105	1441728	49.289	ng	#	99
24) Nitrobenzene	8.922	77	1025983	50.074	ng		99
25) Isophorone	9.446	82	1913172	51.264	ng		99
26) 2-Nitrophenol	9.622	139	541332	55.024	ng		98
27) 2,4-Dimethylphenol	9.687	122	662183	53.106	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1265001	49.803	ng		100
29) 2,4-Dichlorophenol	10.157	162	904519	53.225	ng		100
30) 1,2,4-Trichlorobenzene	10.369	180	908732	49.426	ng		98
31) Naphthalene	10.557	128	3049887	48.957	ng		100
32) Benzoic acid	9.851	122	794832	58.988	ng		99
33) 4-Chloroaniline	10.669	127	1110772	51.030	ng		99
34) Hexachlorobutadiene	10.840	225	533336	49.450	ng		99
35) Caprolactam	11.463	113	339834	54.466	ng		100
36) 4-Chloro-3-methylphenol	11.798	107	1046795	52.860	ng		99
37) 2-Methylnaphthalene	12.169	142	2156247	49.942	ng		99
38) 1-Methylnaphthalene	12.393	142	2095184	49.538	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	1034638	49.522	ng		99
41) Hexachlorocyclopentadiene	12.522	237	378578	51.614	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	732902	53.315	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

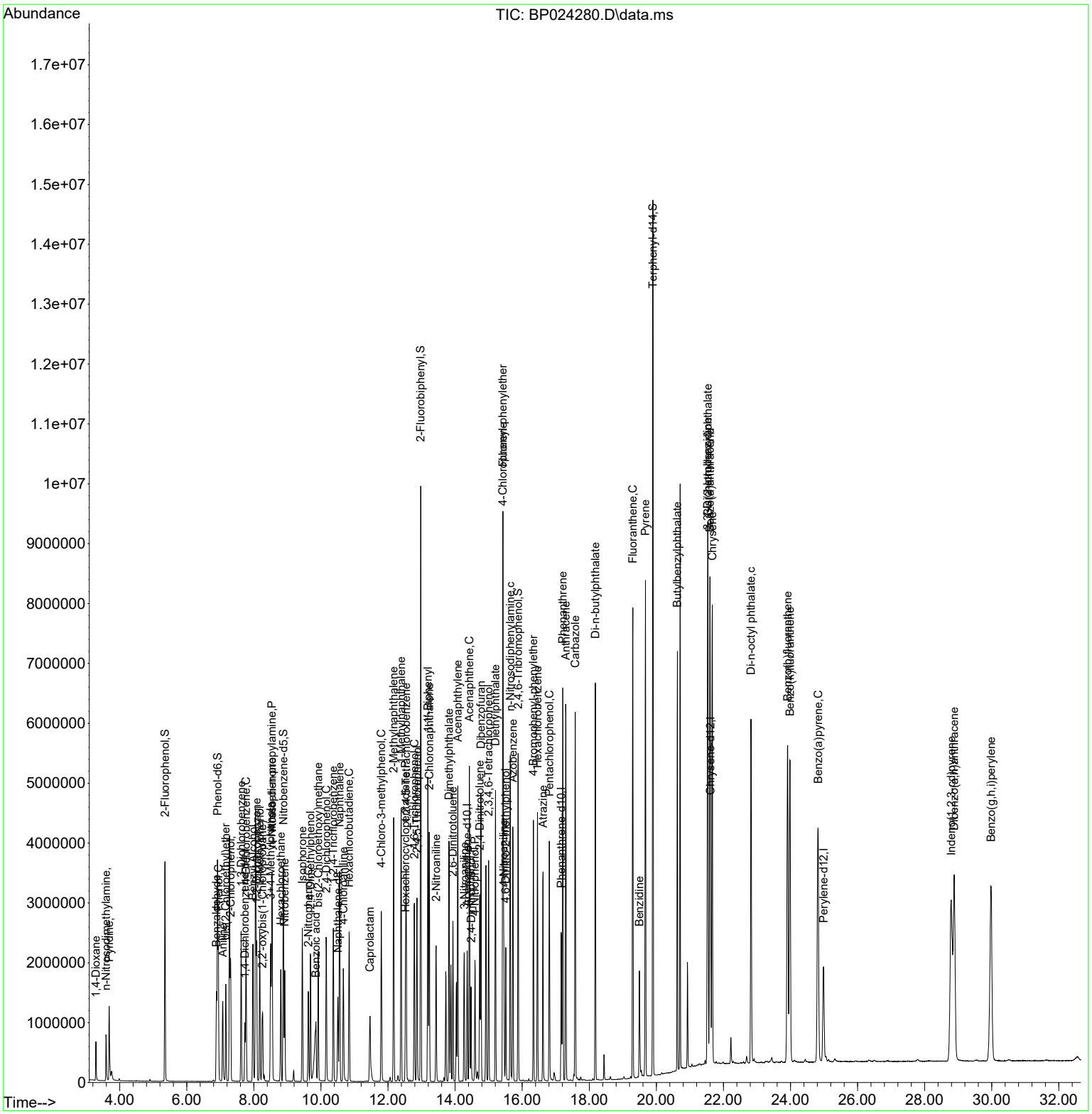
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	814885	53.491	ng	98
46) 1,1'-Biphenyl	13.187	154	2725840	48.551	ng	99
47) 2-Chloronaphthalene	13.234	162	2062098	49.220	ng	100
48) 2-Nitroaniline	13.434	65	616599	53.282	ng	98
49) Acenaphthylene	14.081	152	3279666	49.877	ng	100
50) Dimethylphthalate	13.822	163	2775759	50.046	ng	100
51) 2,6-Dinitrotoluene	13.934	165	606525	51.903	ng	98
52) Acenaphthene	14.428	154	2054333	49.128	ng	100
53) 3-Nitroaniline	14.275	138	649071	53.536	ng	98
54) 2,4-Dinitrophenol	14.481	184	373165	59.640	ng	99
55) Dibenzofuran	14.769	168	3318798	48.392	ng	100
56) 4-Nitrophenol	14.592	139	581023	55.750	ng	97
57) 2,4-Dinitrotoluene	14.734	165	839701	53.160	ng	99
58) Fluorene	15.428	166	2599105	49.085	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	734741	52.128	ng	100
60) Diethylphthalate	15.204	149	2849294	49.914	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	1267291	49.287	ng	99
62) 4-Nitroaniline	15.451	138	691081	53.764	ng	96
63) Azobenzene	15.722	77	2632843	50.076	ng	99
65) 4,6-Dinitro-2-methylph...	15.510	198	503765	57.285	ng	97
66) n-Nitrosodiphenylamine	15.645	169	2225475	49.312	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	827245	50.389	ng	99
68) Hexachlorobenzene	16.457	284	983768	50.405	ng	98
69) Atrazine	16.622	200	610479	53.356	ng	100
70) Pentachlorophenol	16.810	266	739779	55.203	ng	99
71) Phenanthrene	17.210	178	4024282	48.768	ng	100
72) Anthracene	17.298	178	3960913	49.883	ng	100
73) Carbazole	17.581	167	3814743	49.364	ng	100
74) Di-n-butylphthalate	18.180	149	4930617	51.208	ng	100
75) Fluoranthene	19.298	202	4815021	49.160	ng	99
77) Benzidine	19.498	184	1272924	67.525	ng	99
78) Pyrene	19.675	202	4942328	50.577	ng	100
80) Butylbenzylphthalate	20.627	149	2215843	53.788	ng	97
81) Benzo(a)anthracene	21.598	228	4711301	49.485	ng	99
82) 3,3'-Dichlorobenzidine	21.527	252	1768950	53.582	ng	99
83) Chrysene	21.669	228	4480150	49.099	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	3256722	53.679	ng	99
85) Di-n-octyl phthalate	22.821	149	5458484	56.166	ng	99
87) Indeno(1,2,3-cd)pyrene	28.792	276	5977144m	50.926	ng	
88) Benzo(b)fluoranthene	23.915	252	5102465	49.975	ng	99
89) Benzo(k)fluoranthene	23.986	252	4923203	49.683	ng	99
90) Benzo(a)pyrene	24.821	252	4490517	51.093	ng	100
91) Dibenzo(a,h)anthracene	28.880	278	4987219	51.084	ng	98
92) Benzo(g,h,i)perylene	29.980	276	5033807	50.656	ng	99

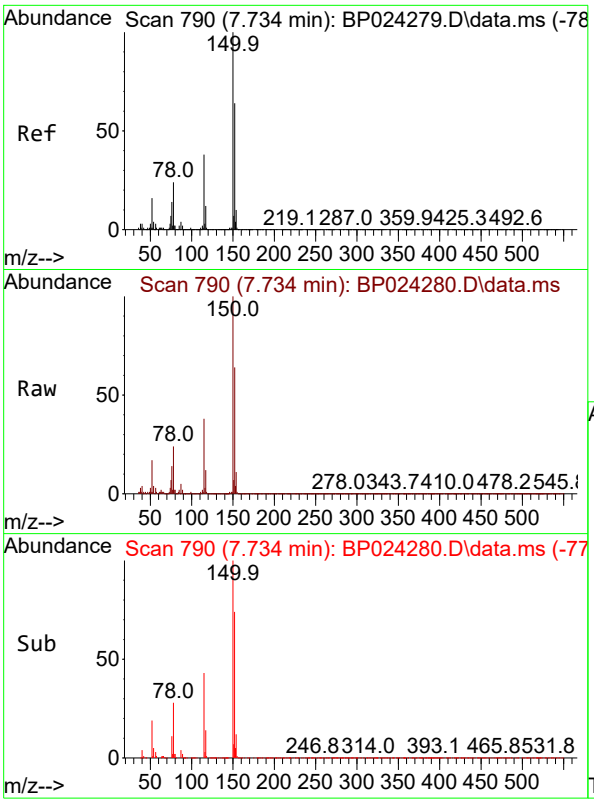
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP024280.D
Acq On : 14 Apr 2025 15:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Apr 14 17:26:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



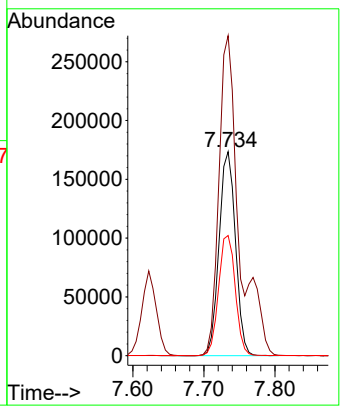


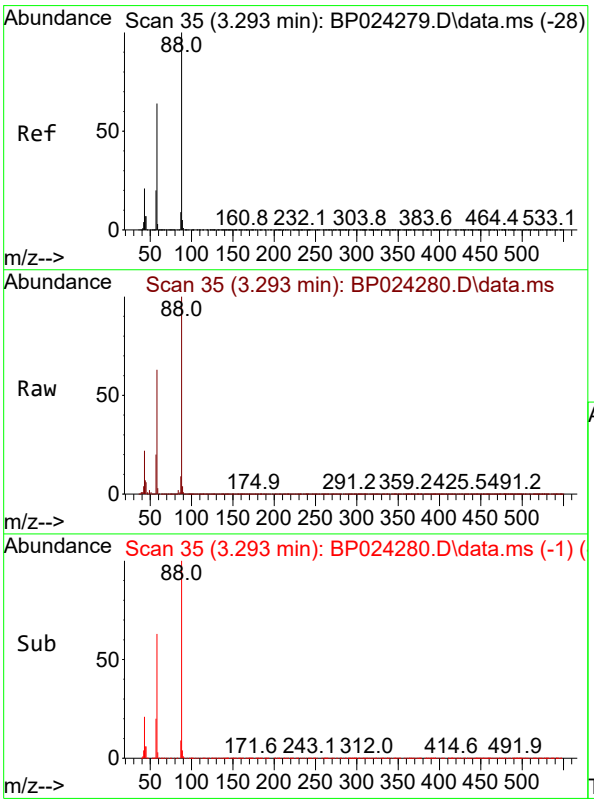
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 277364

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	58.9	47.7	71.5

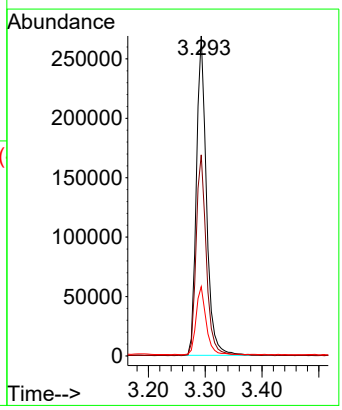


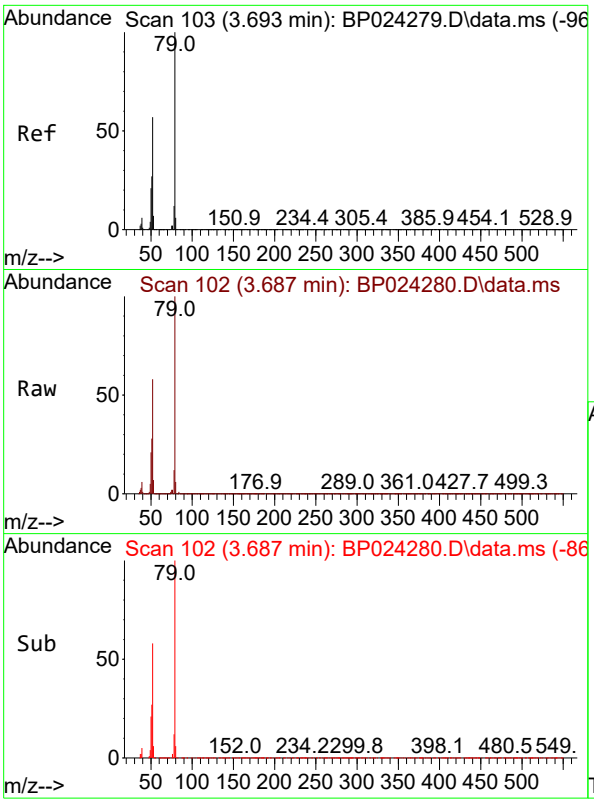


#2
1,4-Dioxane
Concen: 46.479 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 88 Resp: 333474

Ion	Ratio	Lower	Upper
88	100		
58	64.0	51.4	77.2
43	21.2	17.1	25.7



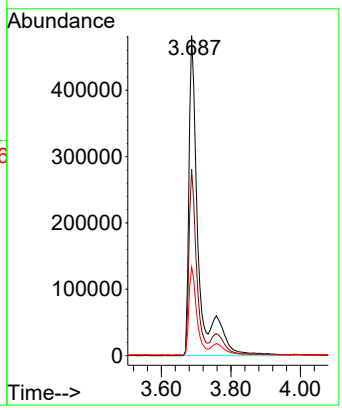


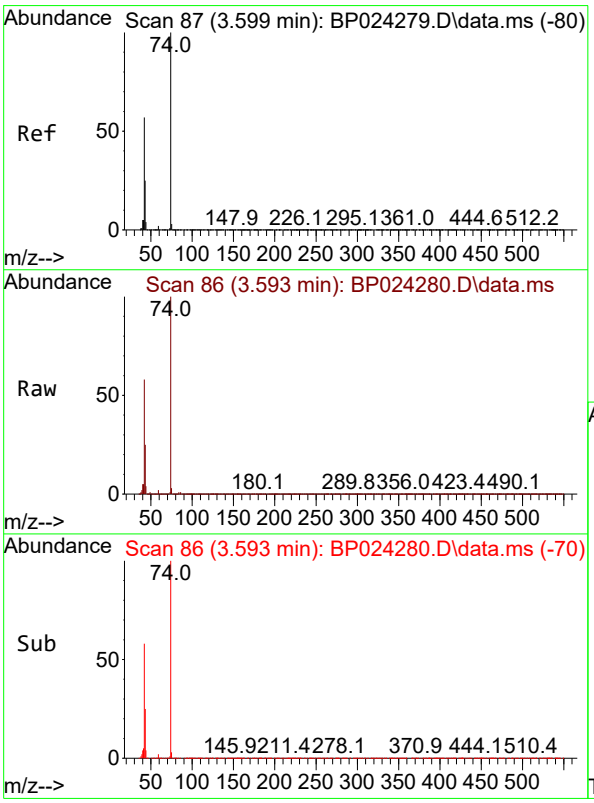
#3
Pyridine
Concen: 49.495 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 924382

Ion	Ratio	Lower	Upper
79	100		
52	58.2	45.4	68.2
51	27.7	22.6	33.8

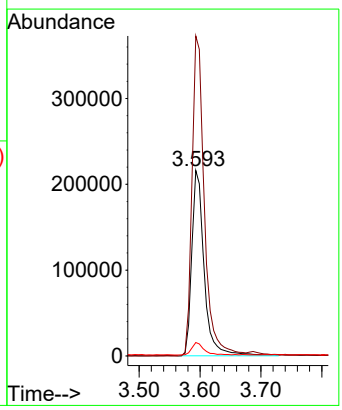


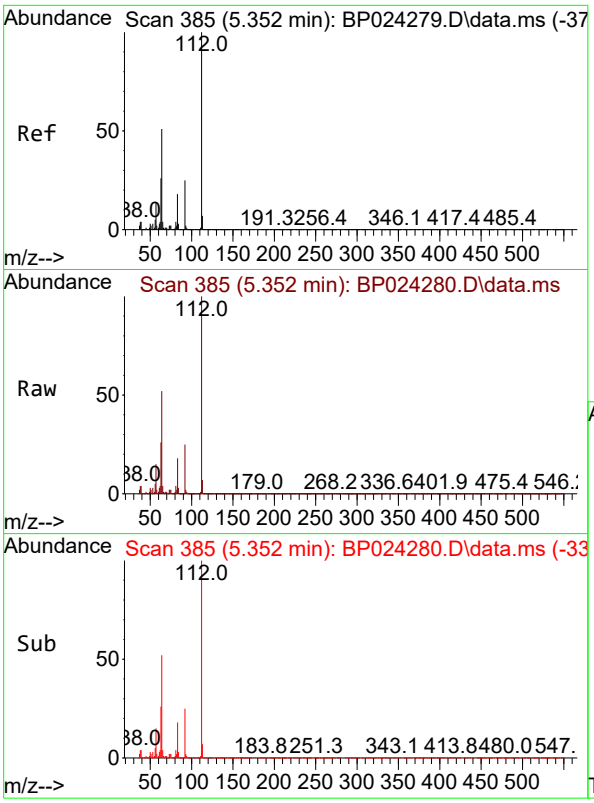


#4
n-Nitrosodimethylamine
Concen: 49.180 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 42 Resp: 306279

Ion	Ratio	Lower	Upper
42	100		
74	172.6	139.5	209.3
44	7.3	5.8	8.8



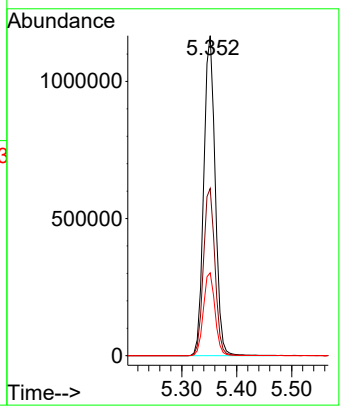


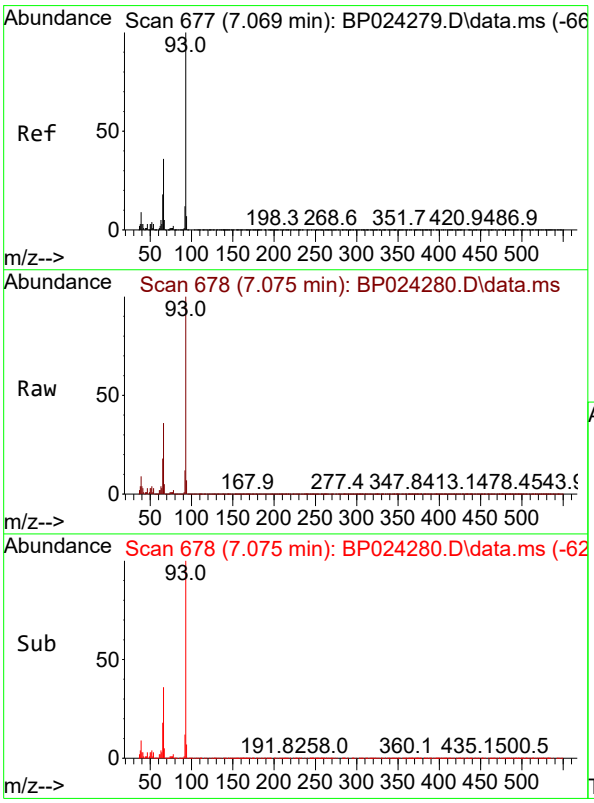
#5
2-Fluorophenol
Concen: 99.834 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 1677842

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.1	61.7
63	25.9	20.6	30.8

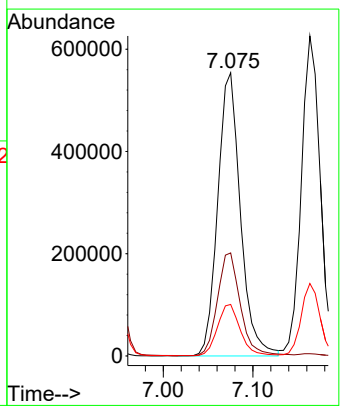


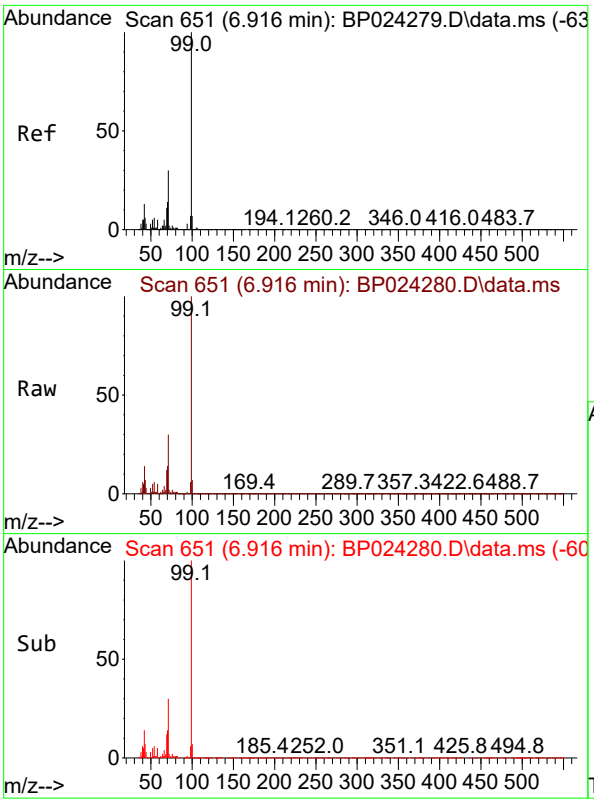


#6
Aniline
Concen: 46.879 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 972988

Ion	Ratio	Lower	Upper
93	100		
66	36.4	29.1	43.7
65	18.2	14.7	22.1



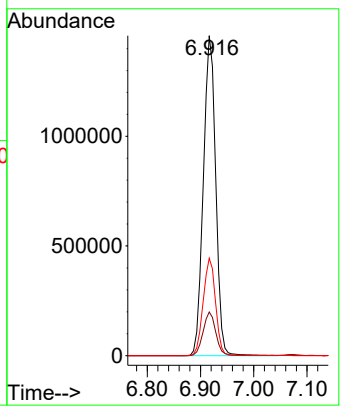


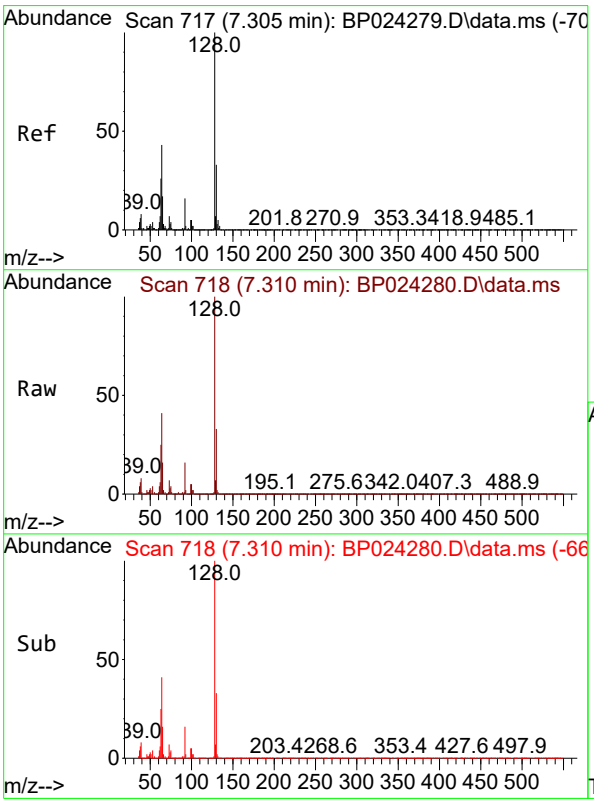
#7
Phenol-d6
Concen: 102.366 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 2353543

Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.6	16.0
71	30.4	23.7	35.5

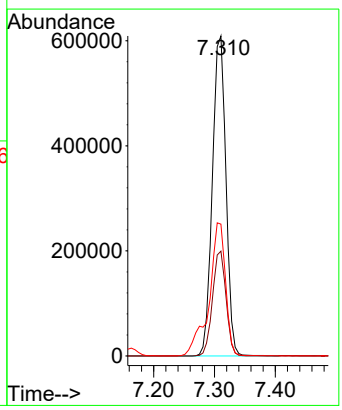


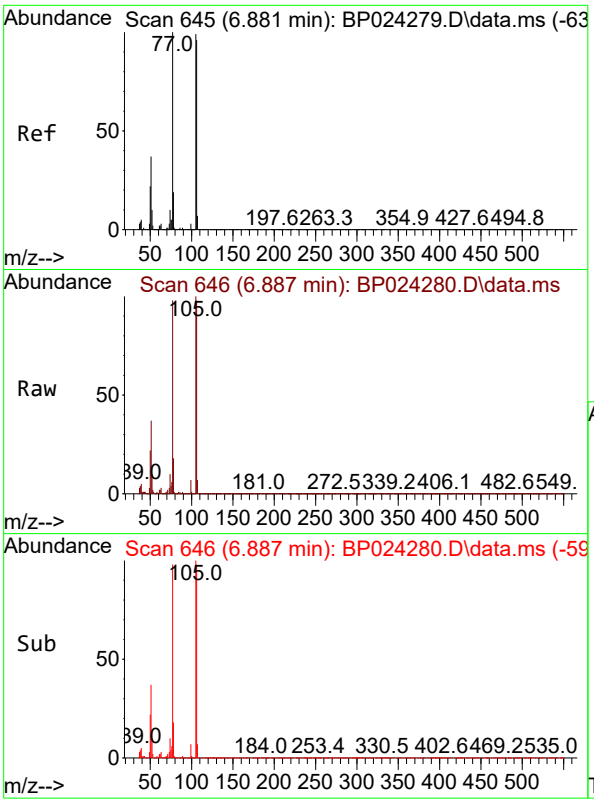


#8
2-Chlorophenol
Concen: 50.160 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:128 Resp: 942078

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	41.2	22.7	62.7



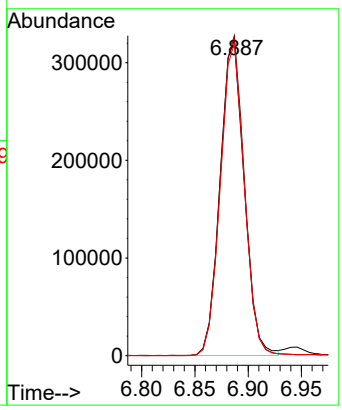


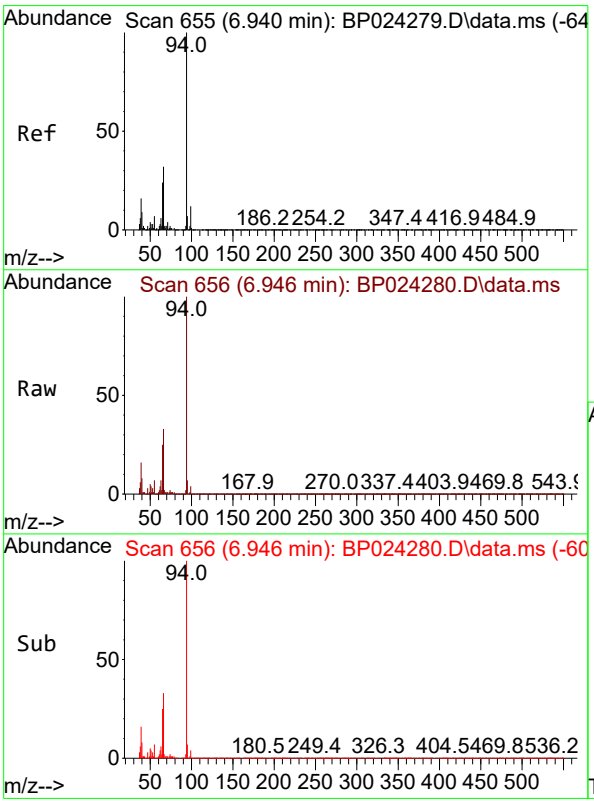
#9
Benzaldehyde
Concen: 42.627 ng
RT: 6.887 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 507606

Ion	Ratio	Lower	Upper
77	100		
105	101.5	79.2	119.2
106	99.2	76.2	116.2

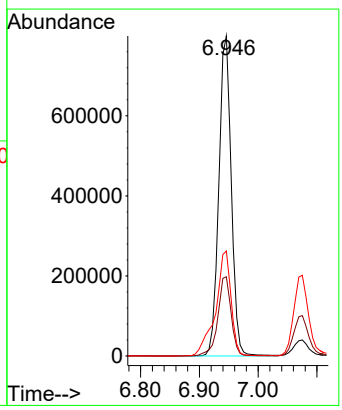


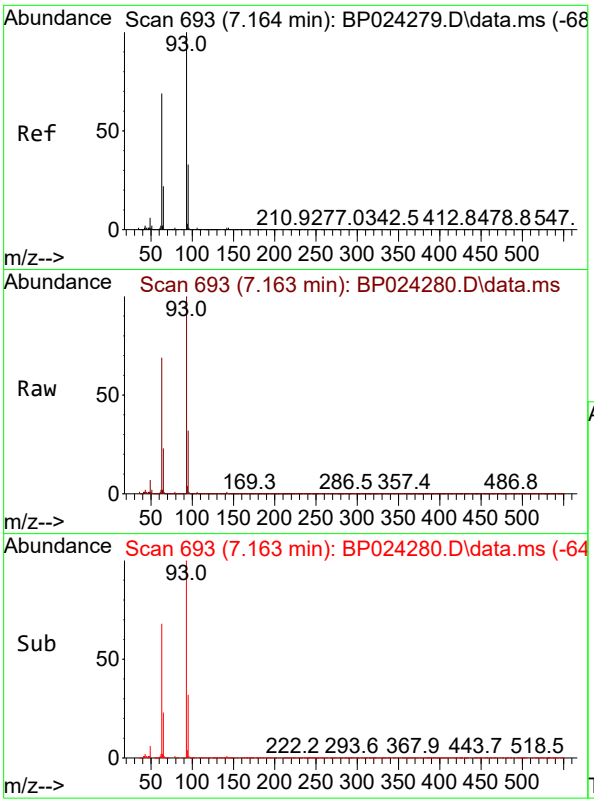


#10
Phenol
Concen: 51.012 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 94 Resp: 1177623

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



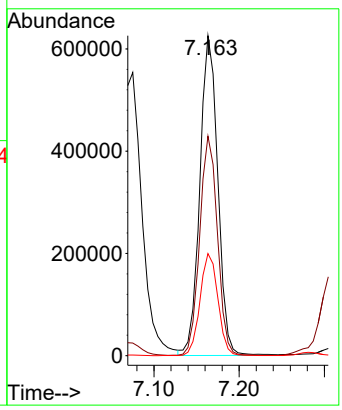


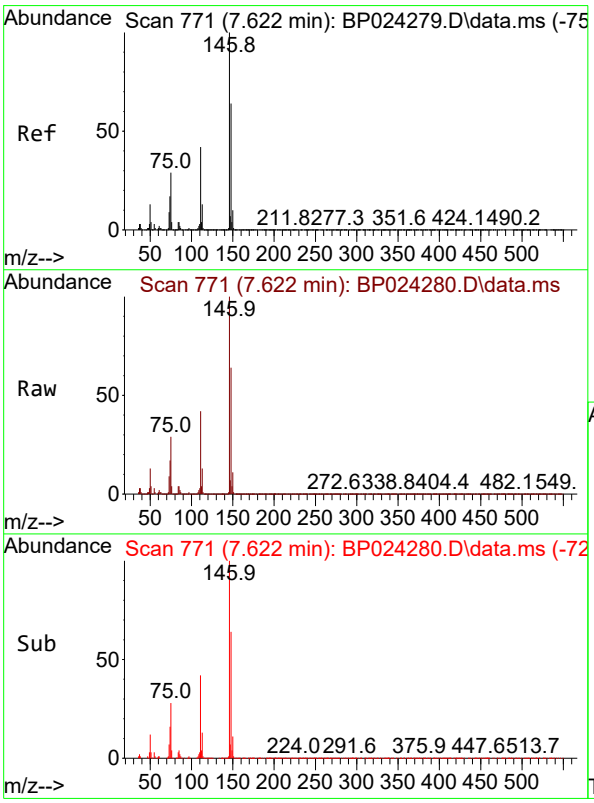
#11
bis(2-Chloroethyl)ether
Concen: 49.085 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 915679

Ion	Ratio	Lower	Upper
93	100		
63	68.6	48.6	88.6
95	31.9	12.3	52.3

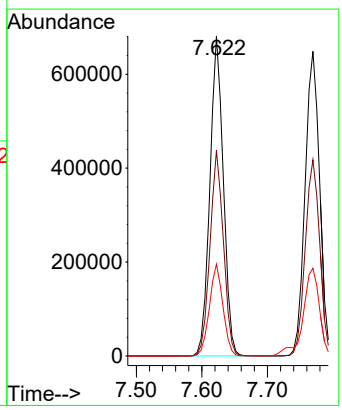


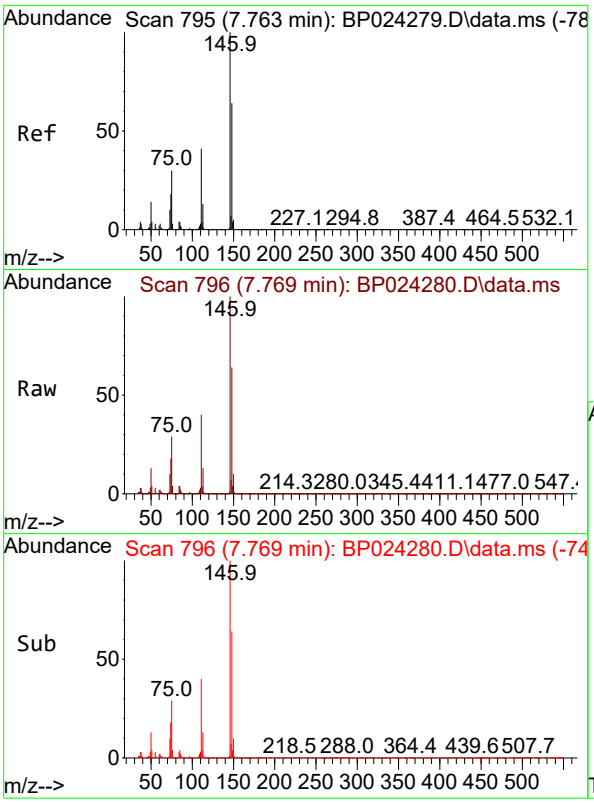


#12
1,3-Dichlorobenzene
Concen: 47.770 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 972089

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
75	28.7	22.9	34.3



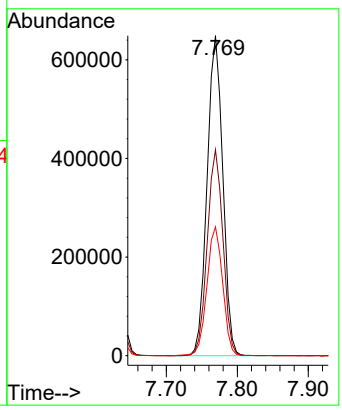


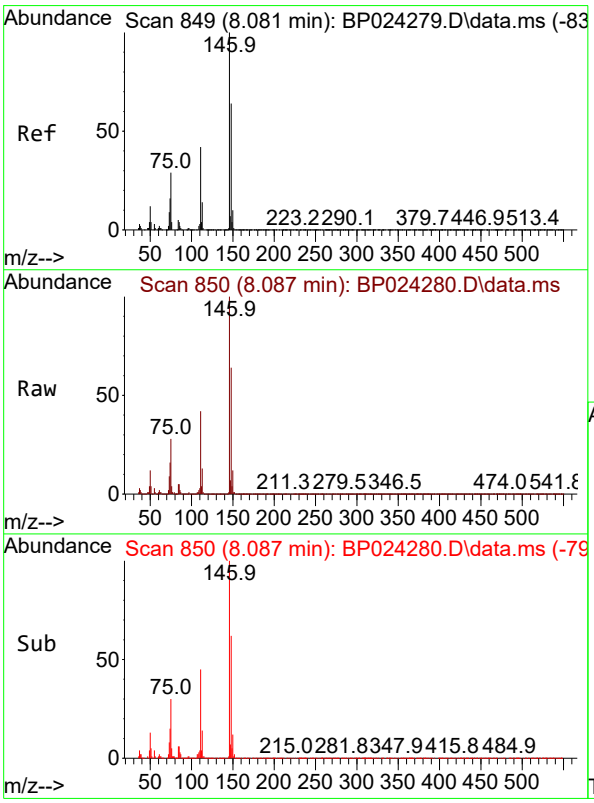
#13
1,4-Dichlorobenzene
Concen: 48.262 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 995872

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.1	76.7
111	40.3	32.6	48.8

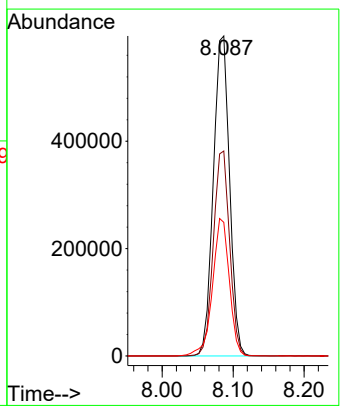


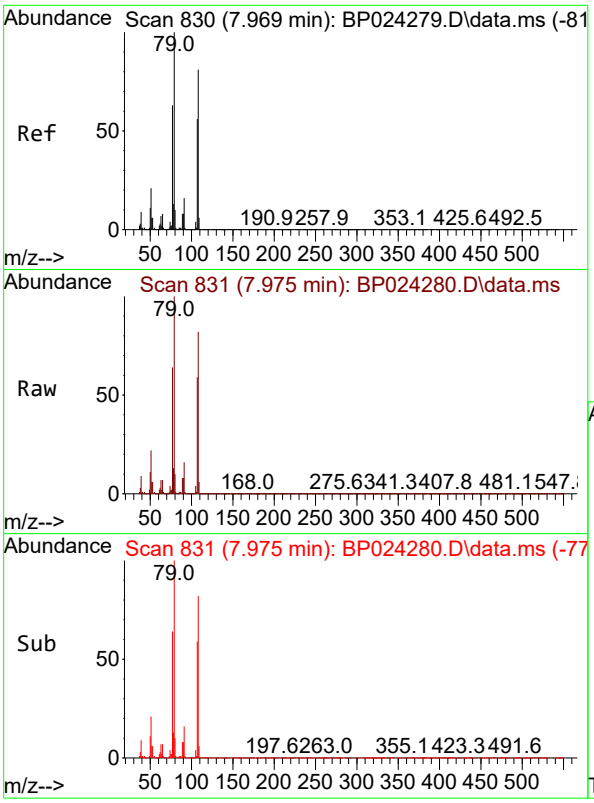


#14
1,2-Dichlorobenzene
Concen: 47.327 ng
RT: 8.087 min Scan# 850
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:146 Resp: 944314

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
111	41.8	33.8	50.8



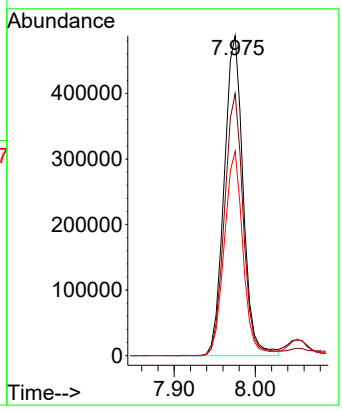


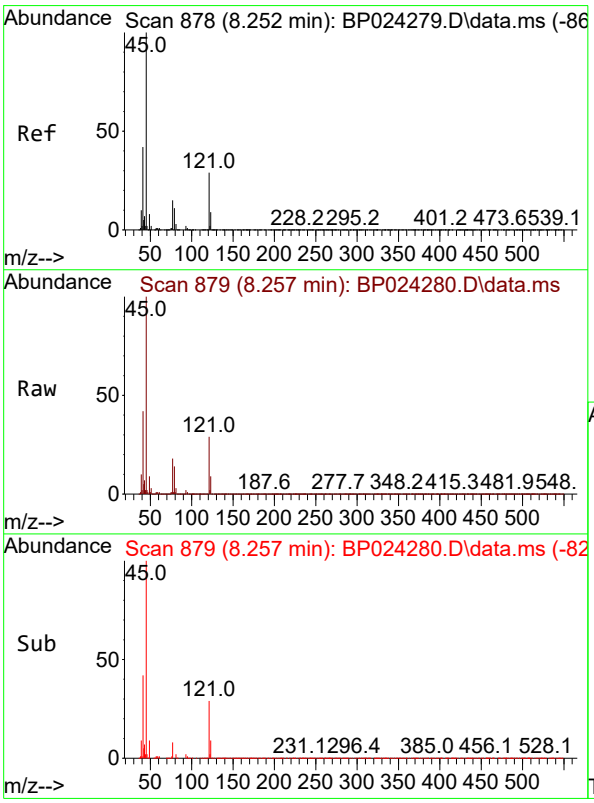
#15
Benzyl Alcohol
Concen: 53.745 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 791998

Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.1	97.7
77	63.9	50.7	76.1

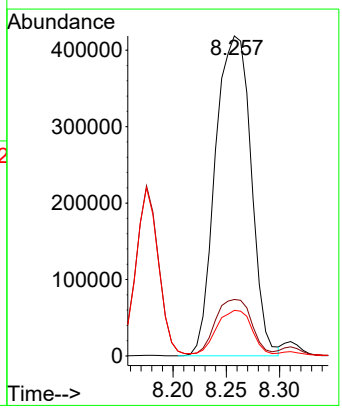


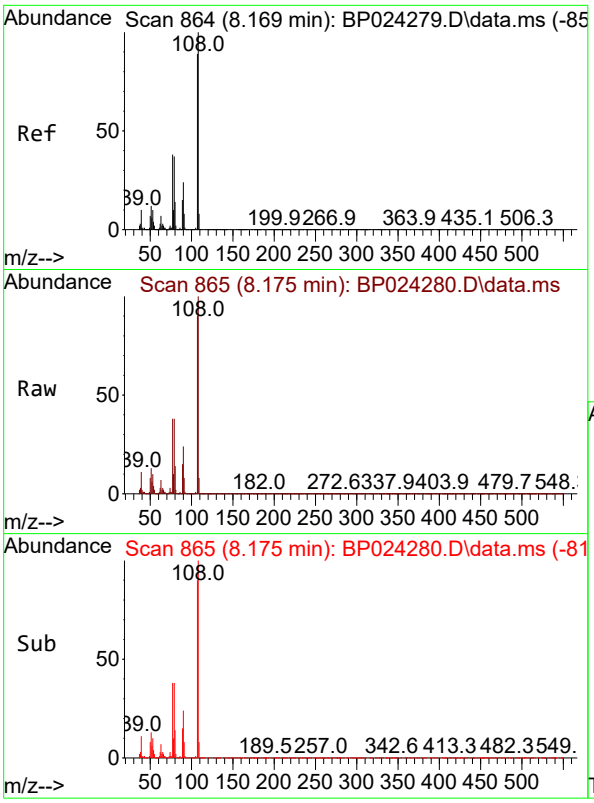


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.988 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 45 Resp: 973910

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	14.2	0.0	33.5



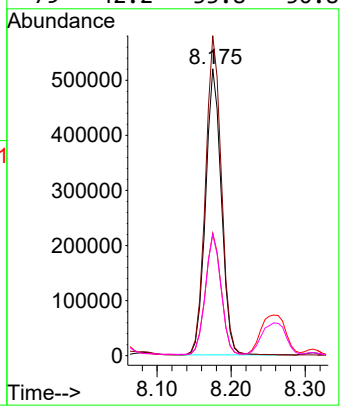


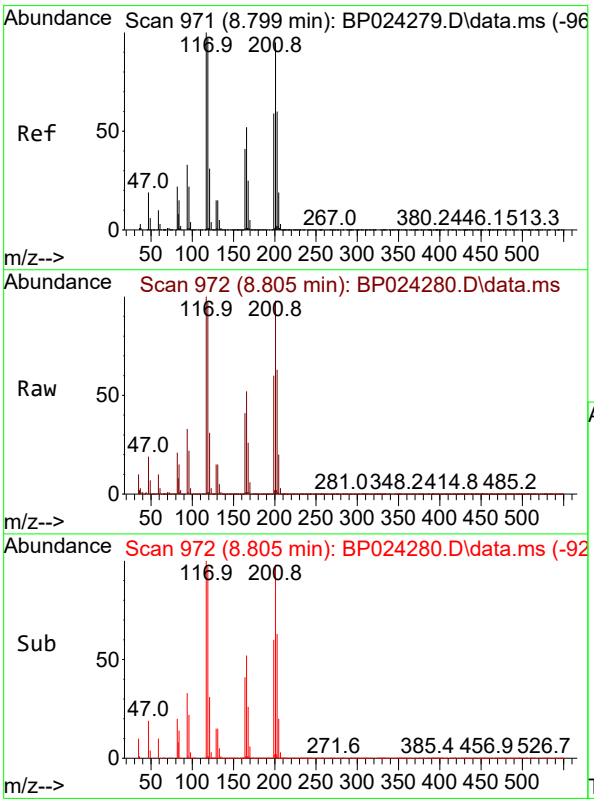
#17
2-Methylphenol
Concen: 51.526 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 766536

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	42.7	34.2	51.4
79	42.2	33.8	50.8

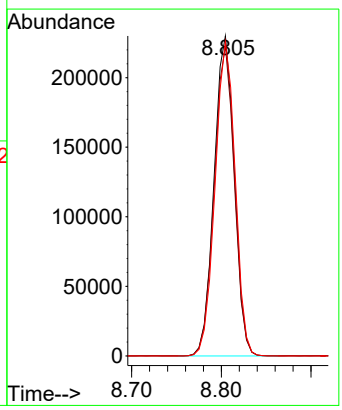


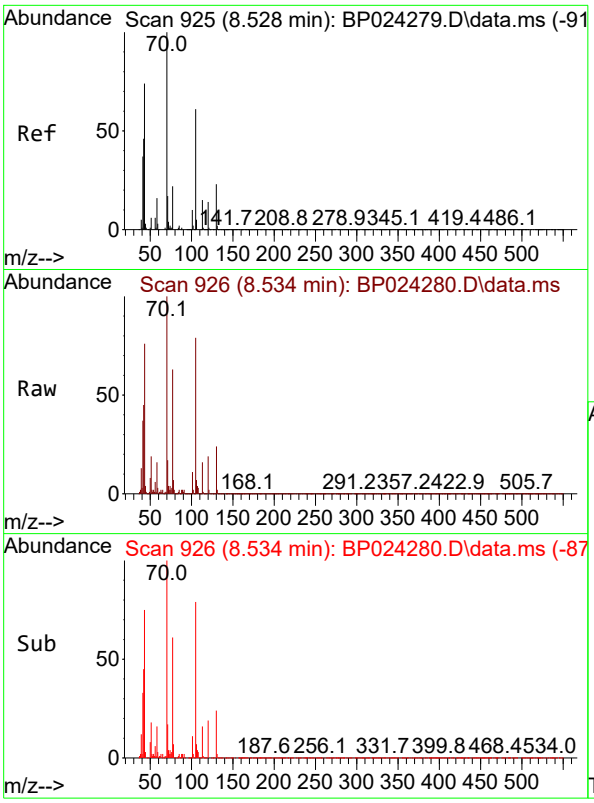


#18
Hexachloroethane
Concen: 48.472 ng
RT: 8.805 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:117 Resp: 360999

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.6
201	98.2	75.9	113.9



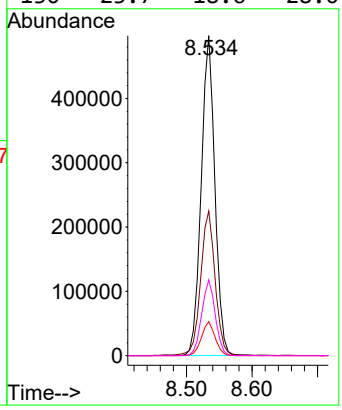


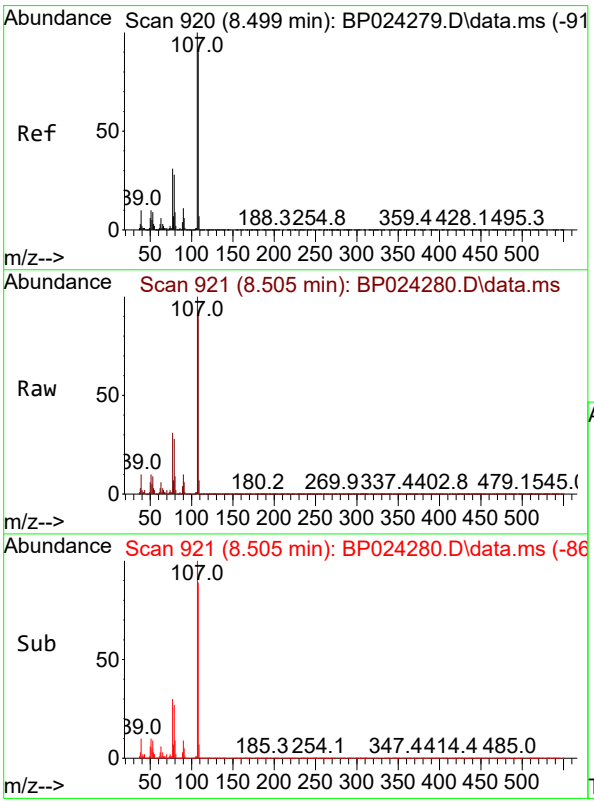
#19
n-Nitroso-di-n-propylamine
Concen: 50.562 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 722064

Ion	Ratio	Lower	Upper
70	100		
42	45.2	37.3	55.9
101	10.6	8.2	12.4
130	23.7	18.6	28.0

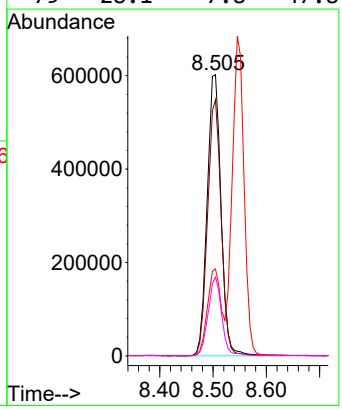


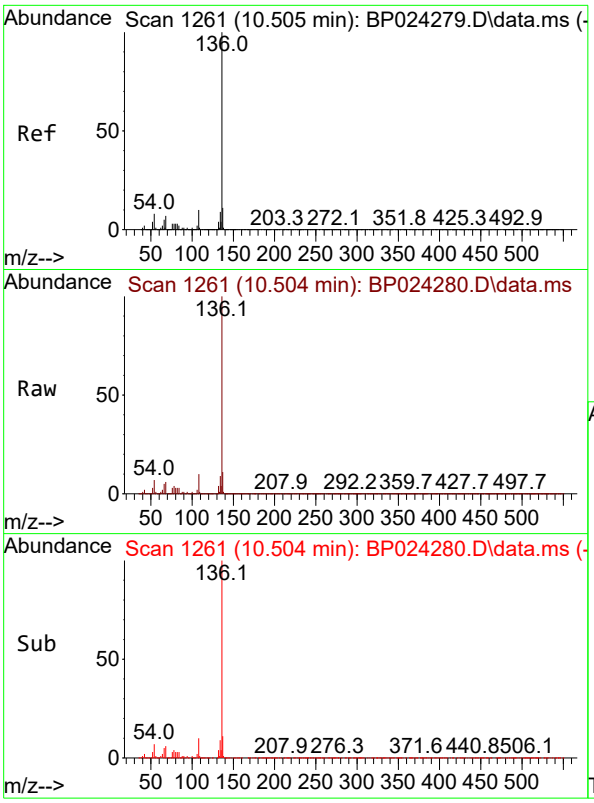


#20
3+4-Methylphenols
Concen: 52.718 ng
RT: 8.505 min Scan# 921
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1086273

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.8	109.8
77	31.0	11.5	51.5
79	28.1	7.8	47.8



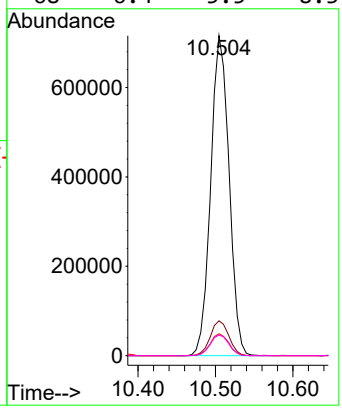


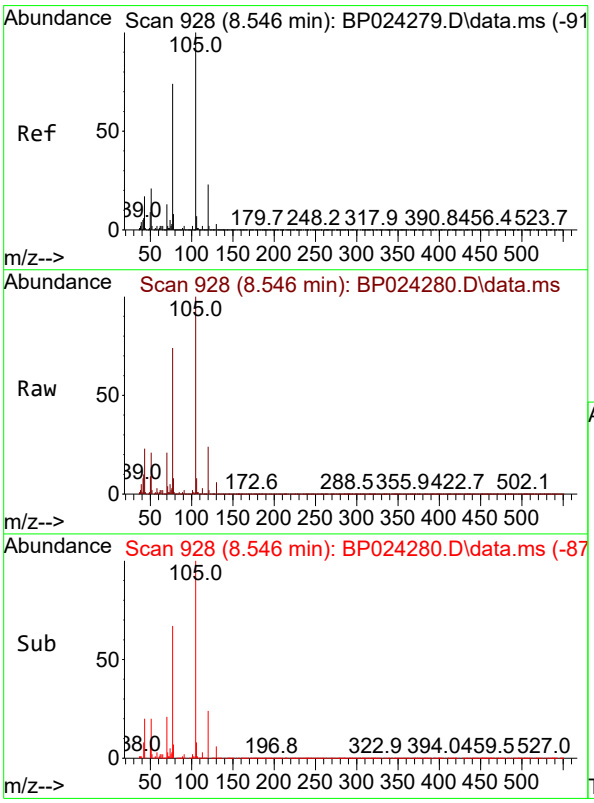
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 1176925

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.9	6.0	9.0
68	6.4	5.5	8.3

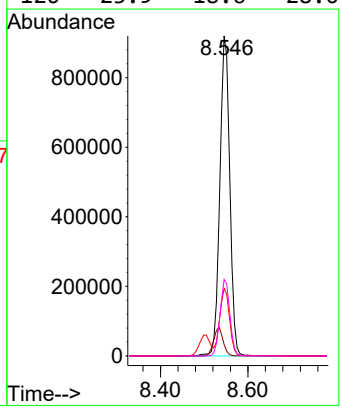


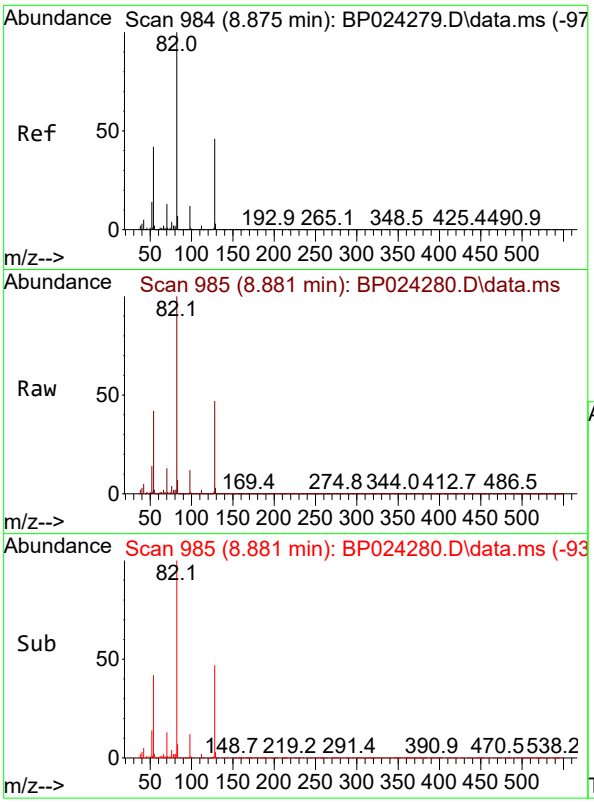


#22
Acetophenone
Concen: 49.289 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:105 Resp: 1441728

Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.7	2.5#
51	21.1	16.9	25.3
120	23.9	18.6	28.0



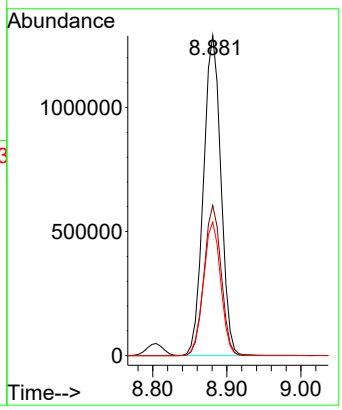


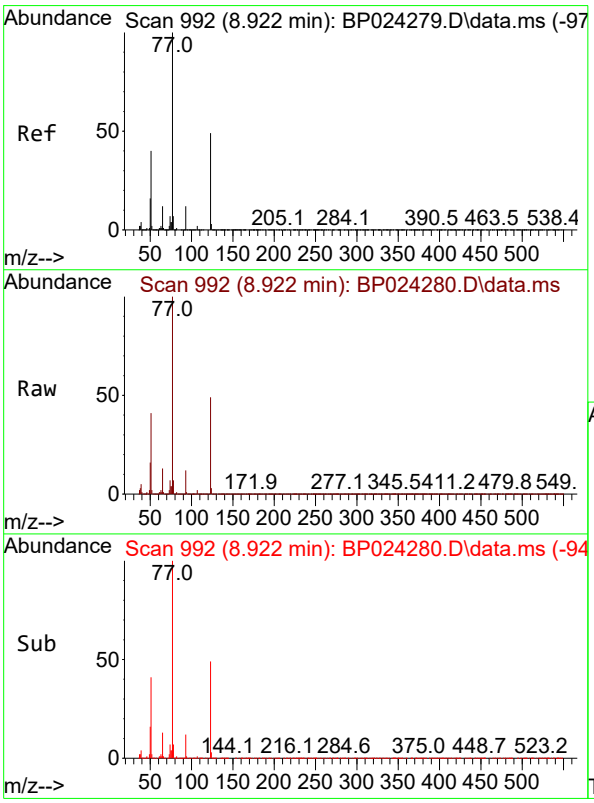
#23
Nitrobenzene-d5
Concen: 101.588 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 2100100

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.5	54.7
54	41.8	33.4	50.2

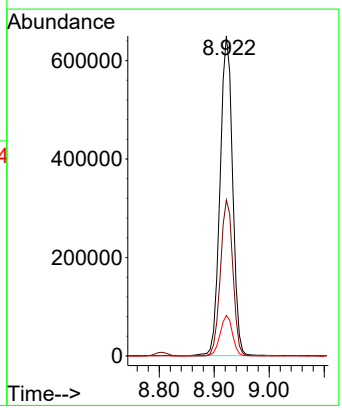


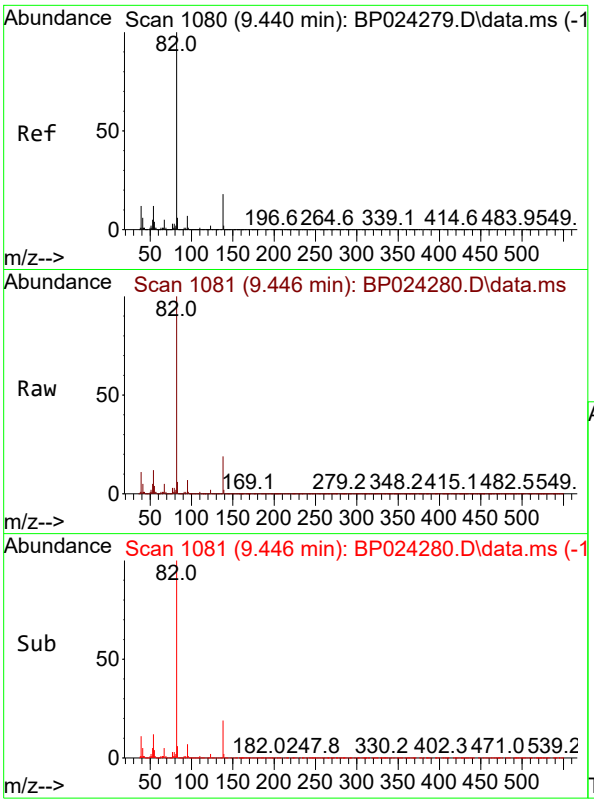


#24
Nitrobenzene
Concen: 50.074 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 77 Resp: 1025983

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.7	9.8	14.6



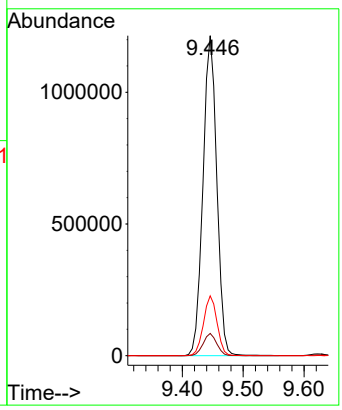


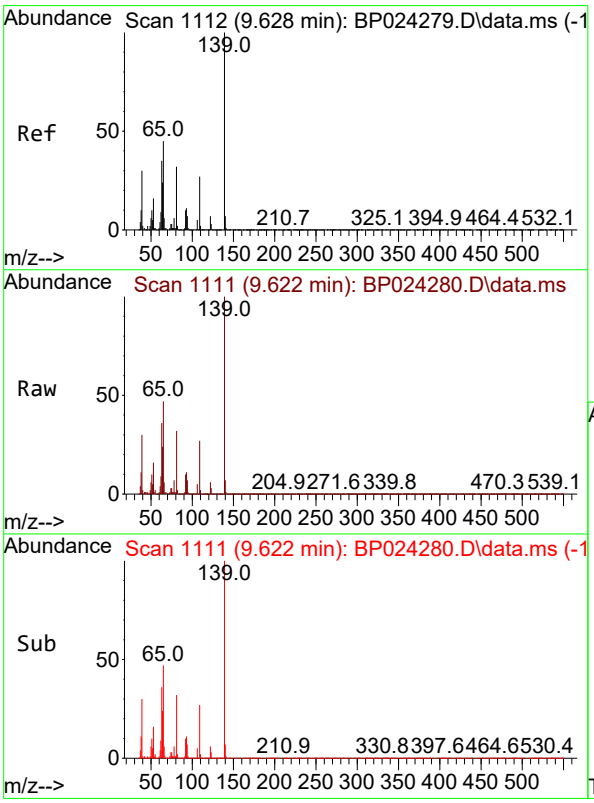
#25
Isophorone
Concen: 51.264 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1913172

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.7	14.4	21.6

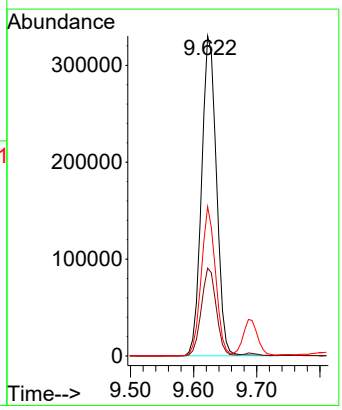


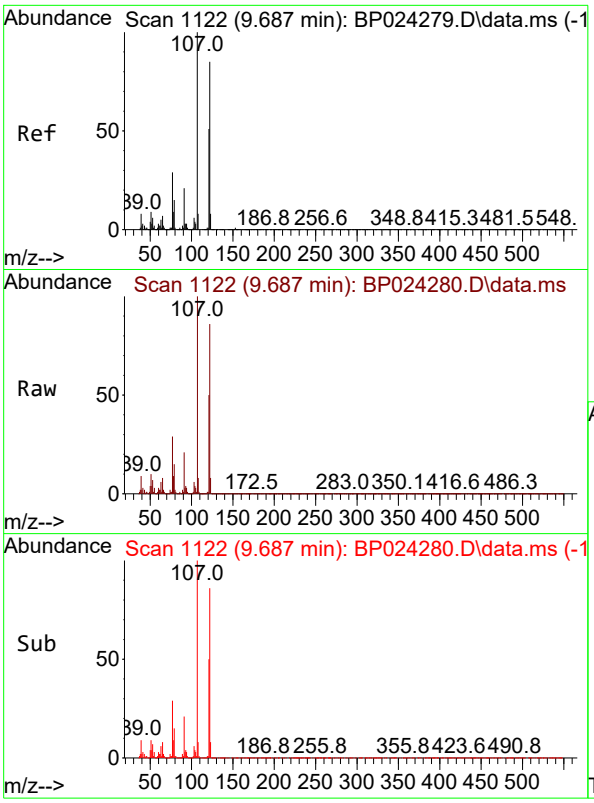


#26
2-Nitrophenol
Concen: 55.024 ng
RT: 9.622 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 541332

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	46.7	36.2	54.2



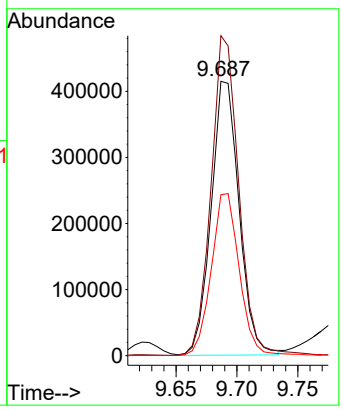


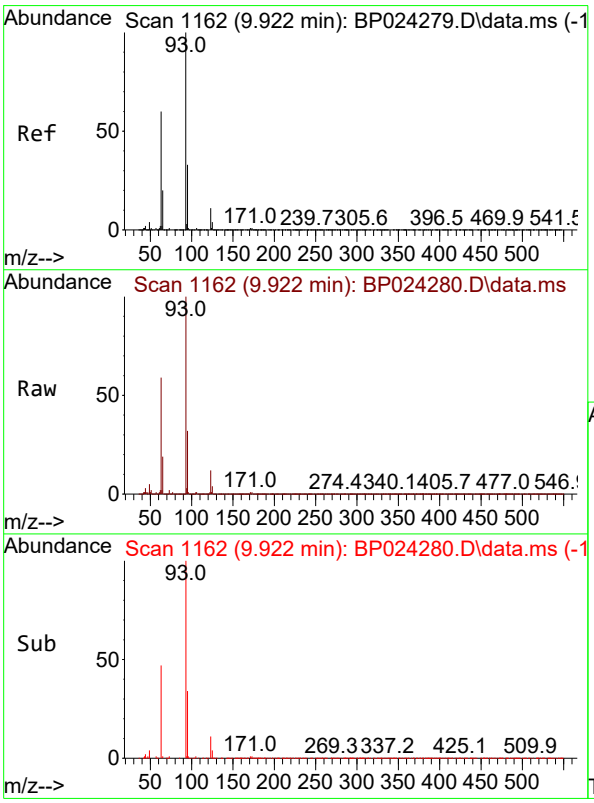
#27
2,4-Dimethylphenol
Concen: 53.106 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 662183

Ion	Ratio	Lower	Upper
122	100		
107	116.6	93.7	140.5
121	58.7	48.2	72.2

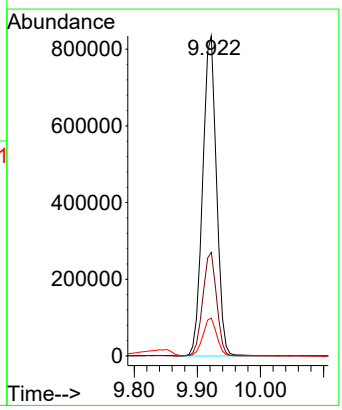


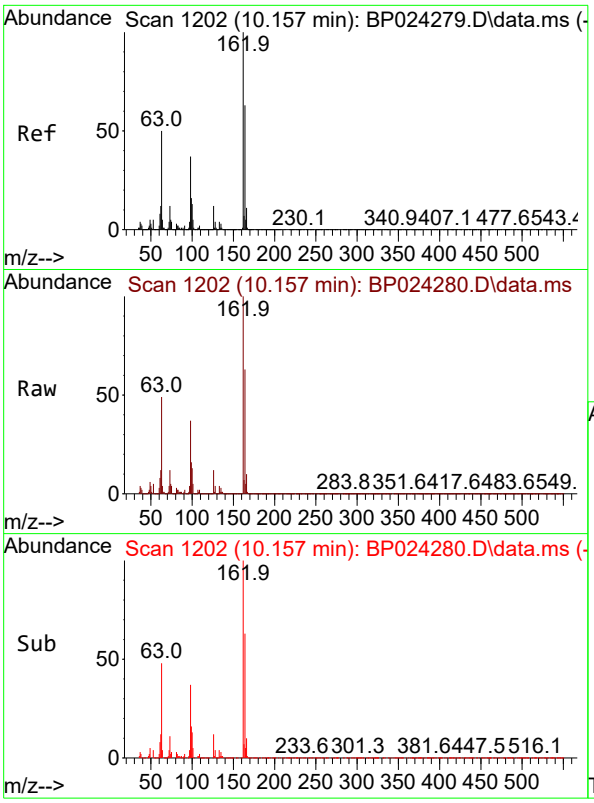


#28
bis(2-Chloroethoxy)methane
Concen: 49.803 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 93 Resp: 1265001

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	11.8	9.1	13.7



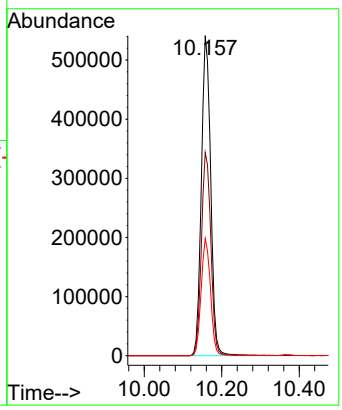


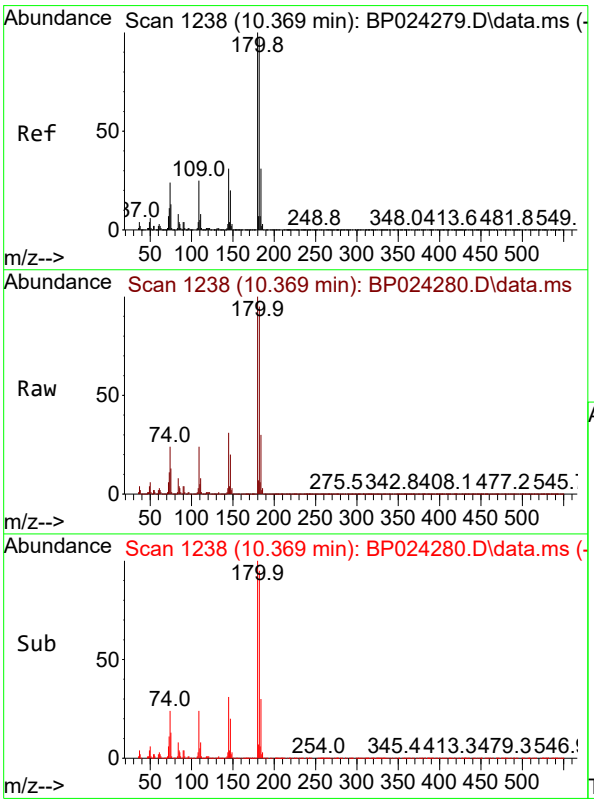
#29
2,4-Dichlorophenol
Concen: 53.225 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 904519

Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.3	83.3
98	36.6	16.6	56.6

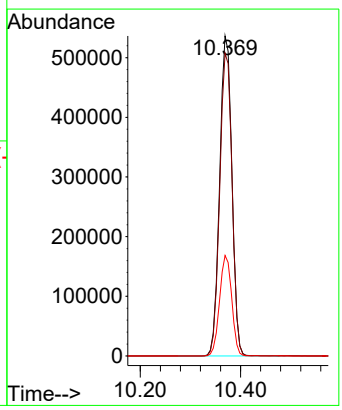


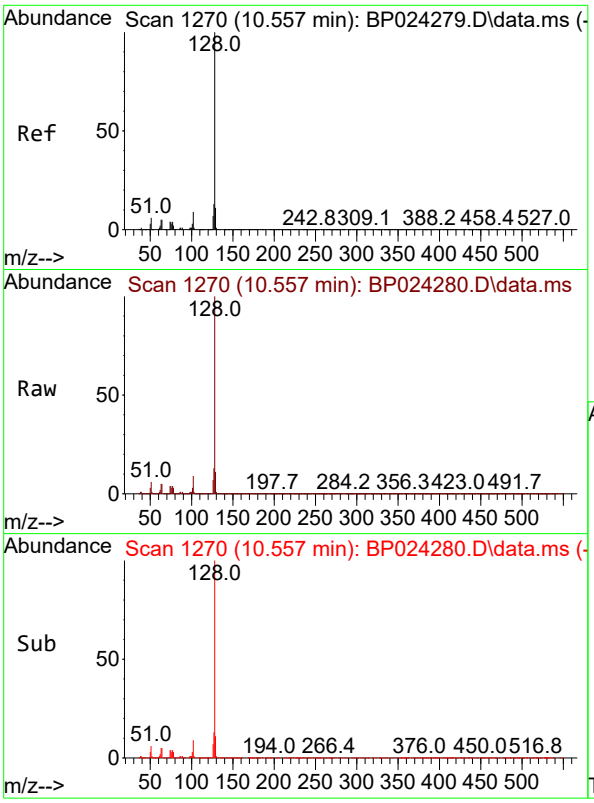


#30
1,2,4-Trichlorobenzene
Concen: 49.426 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:180 Resp: 908732

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.3	115.9
145	31.4	25.1	37.7



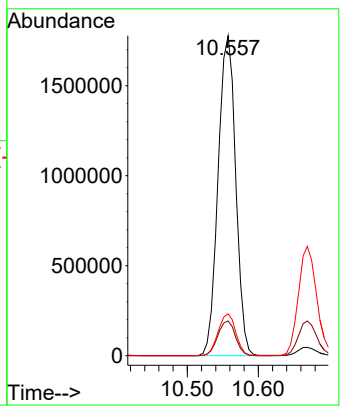


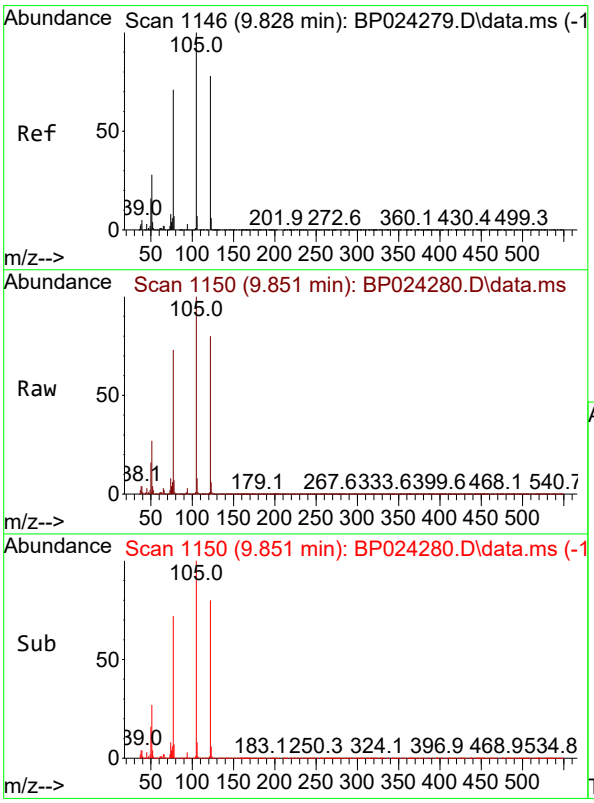
#31
Naphthalene
Concen: 48.957 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 3049887

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.1	10.3	15.5

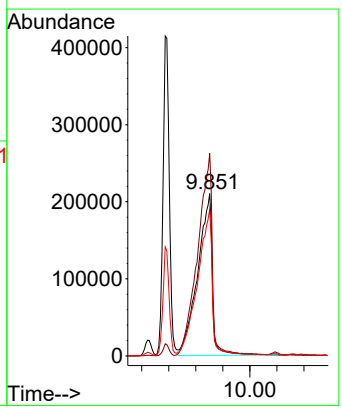


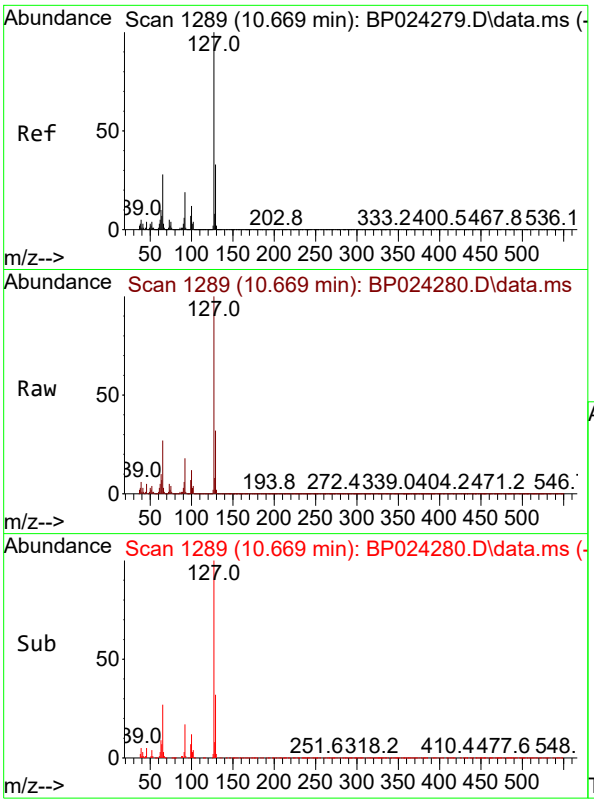


#32
Benzoic acid
Concen: 58.988 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.023 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:122 Resp: 794832

Ion	Ratio	Lower	Upper
122	100		
105	124.7	104.8	144.8
77	90.5	69.2	109.2



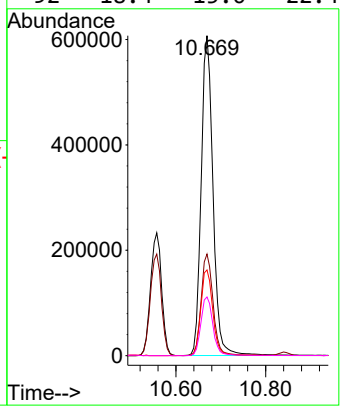


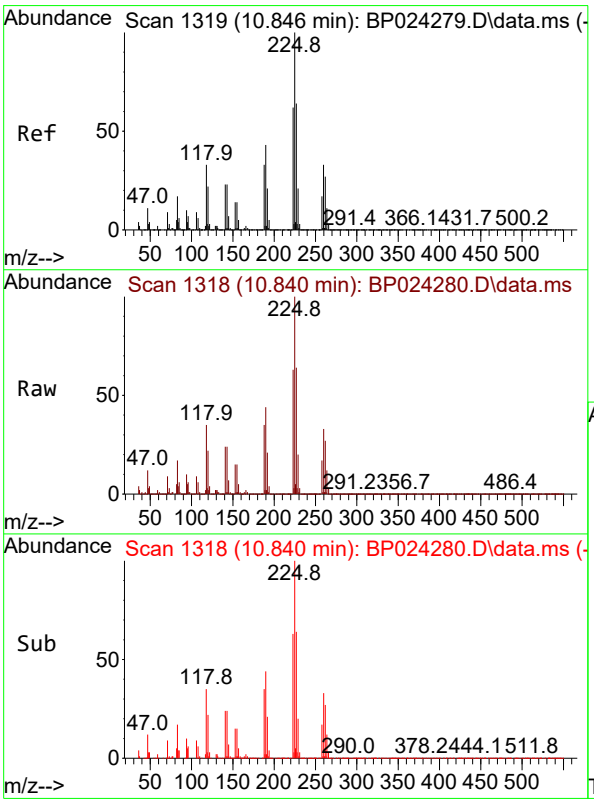
#33
4-Chloroaniline
Concen: 51.030 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 1110772

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	26.8	22.1	33.1
92	18.4	15.0	22.4

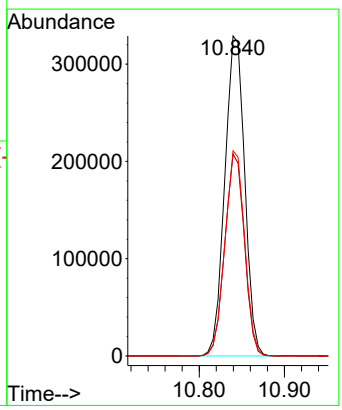


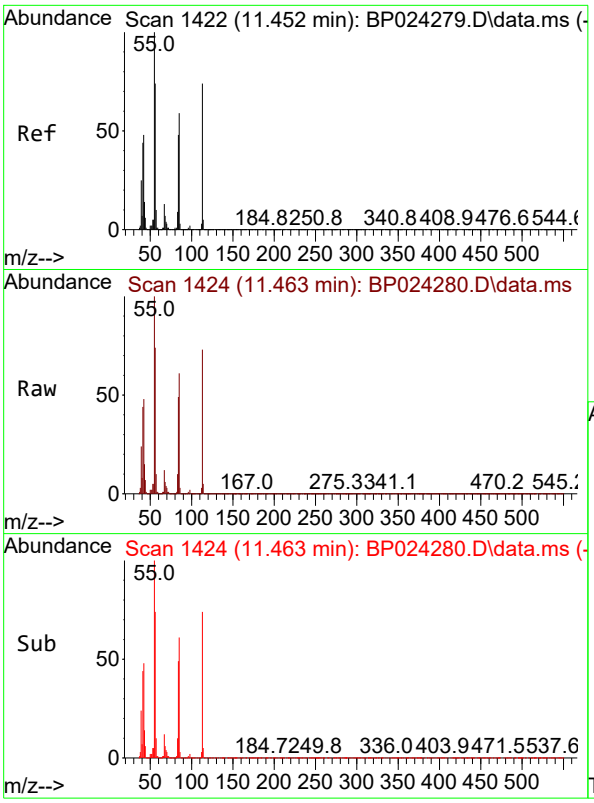


#34
Hexachlorobutadiene
Concen: 49.450 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:225 Resp: 533336

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	64.1	50.9	76.3



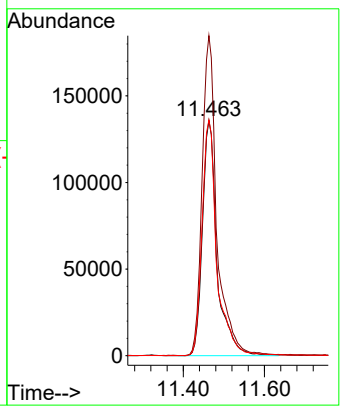


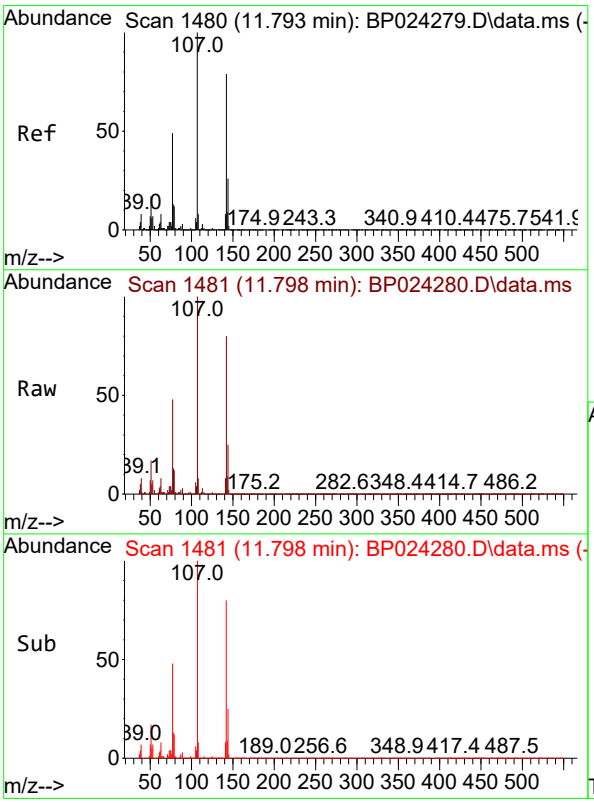
#35
Caprolactam
Concen: 54.466 ng
RT: 11.463 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 339834

Ion	Ratio	Lower	Upper
113	100		
55	136.1	115.9	155.9
56	100.2	81.1	121.1

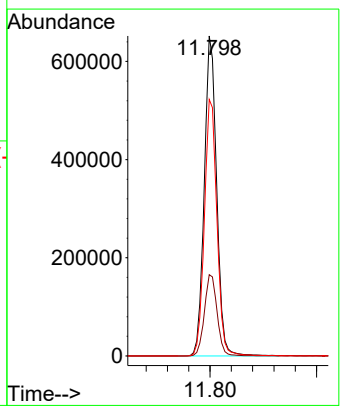


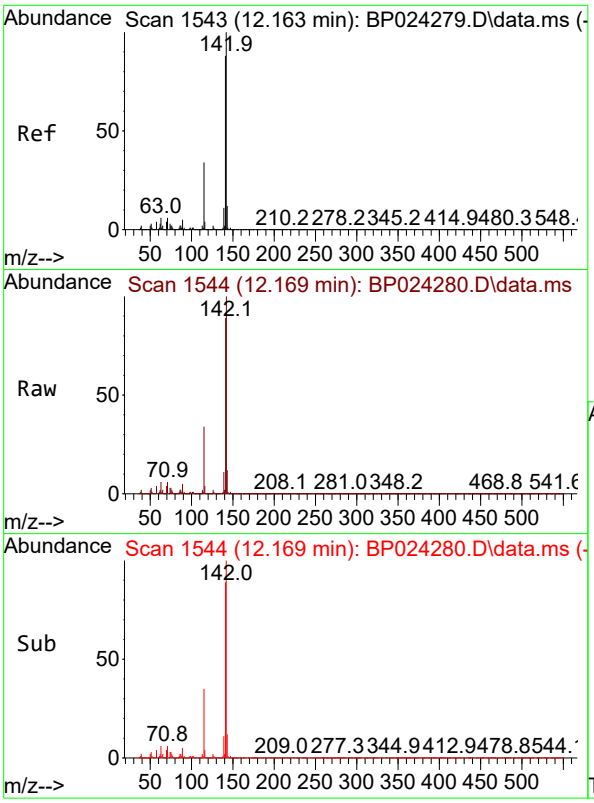


#36
4-Chloro-3-methylphenol
Concen: 52.860 ng
RT: 11.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:107 Resp: 1046795

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.5	30.7
142	80.1	63.4	95.2



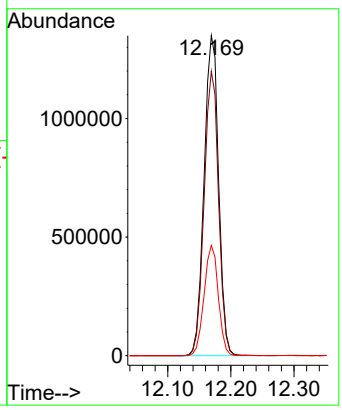


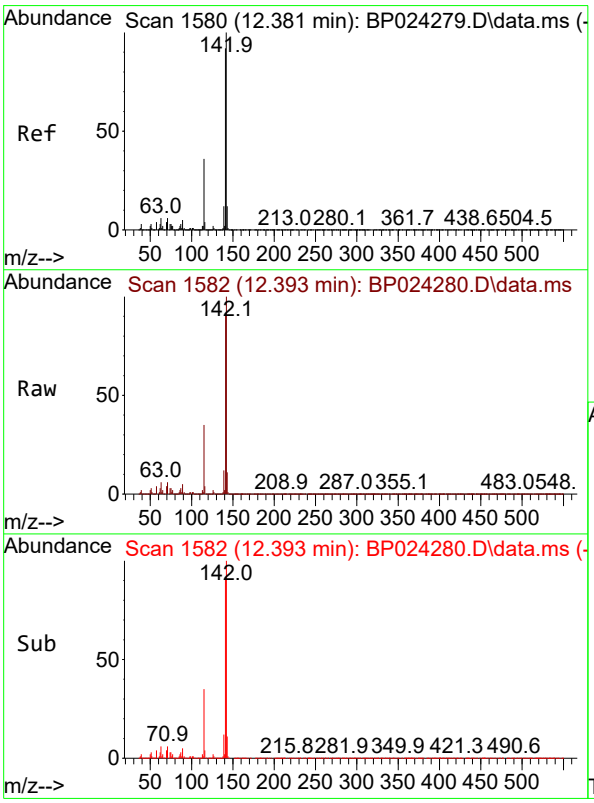
#37
2-Methylnaphthalene
Concen: 49.942 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2156247

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	34.5	26.9	40.3

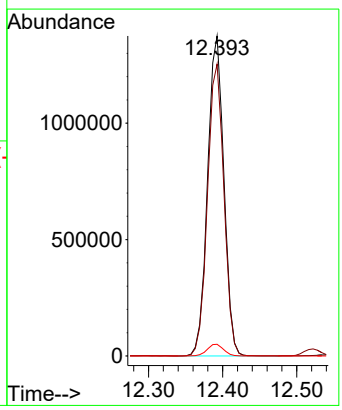


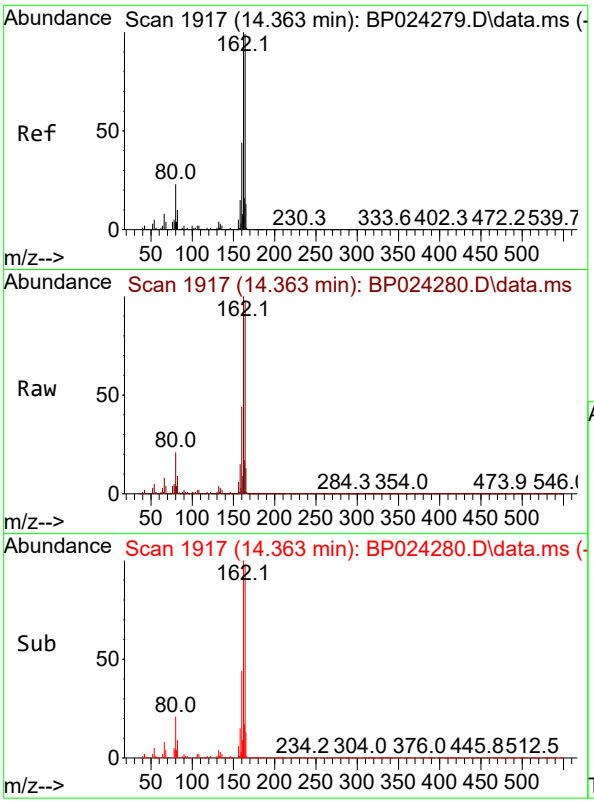


#38
1-Methylnaphthalene
Concen: 49.538 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:142 Resp: 2095184

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.6	110.4
116	3.7	3.0	4.6



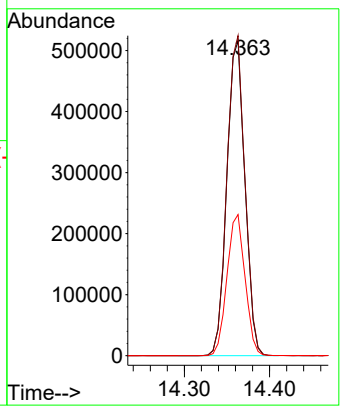


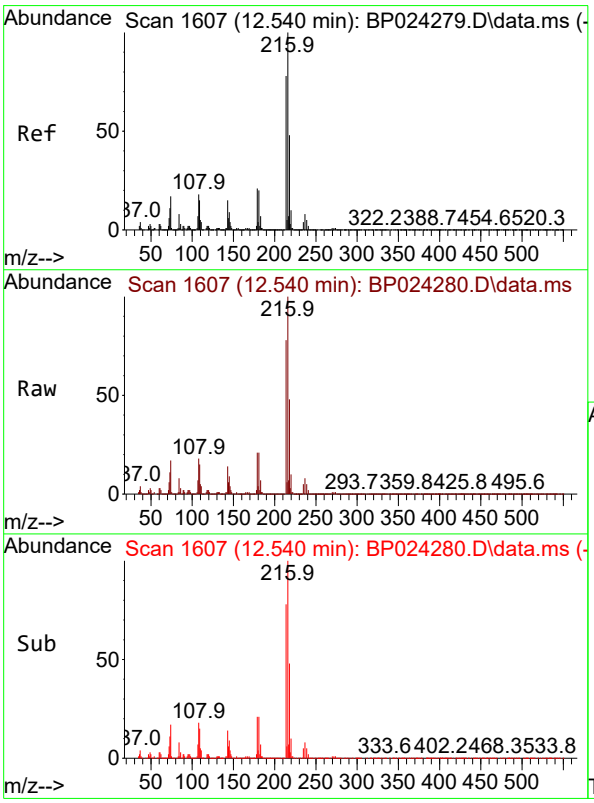
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 760235

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	44.8	35.3	52.9

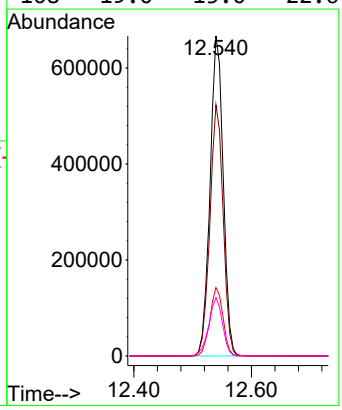


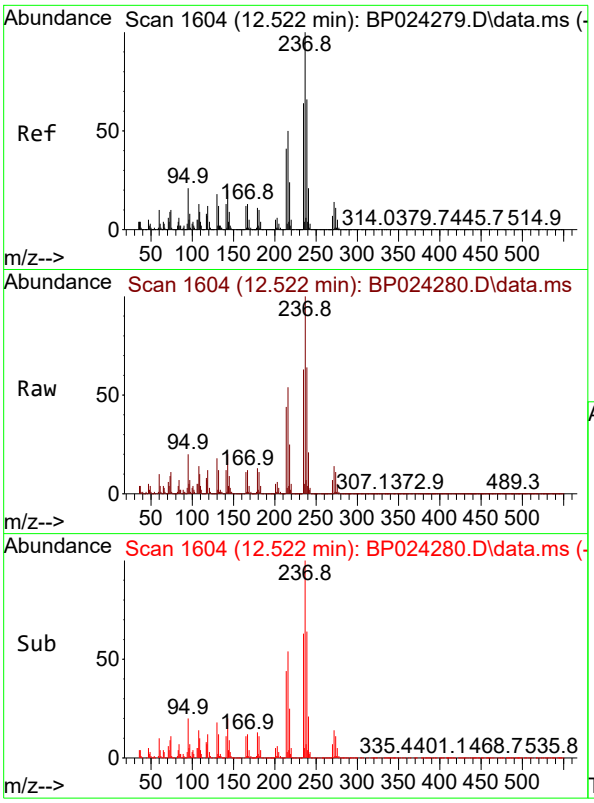


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.522 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:216 Resp: 1034638

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	21.4	17.2	25.8
108	19.0	15.0	22.6



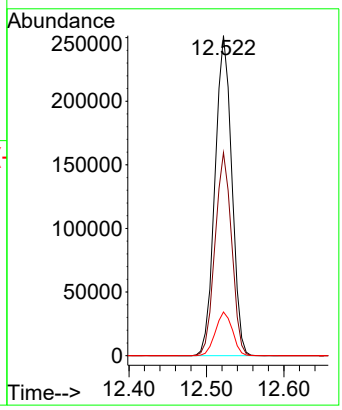


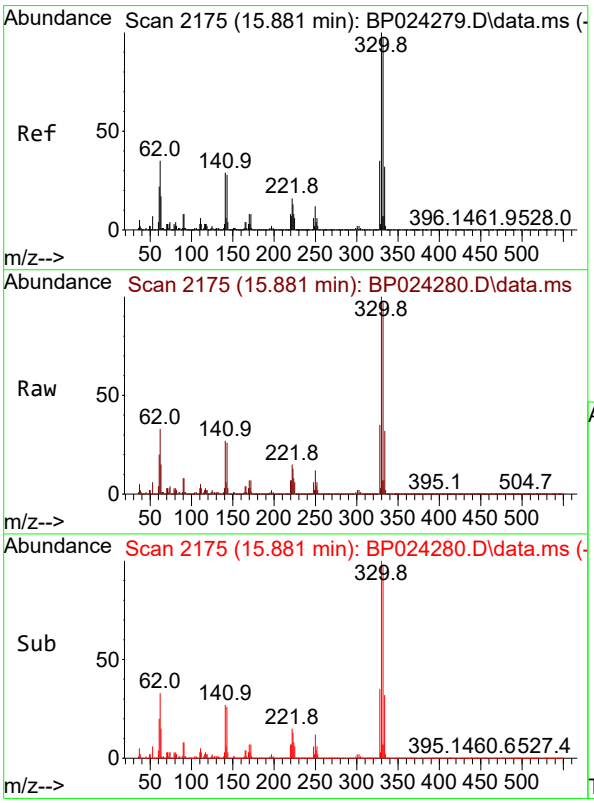
#41
Hexachlorocyclopentadiene
Concen: 51.614 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 378578

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	13.7	0.0	33.6

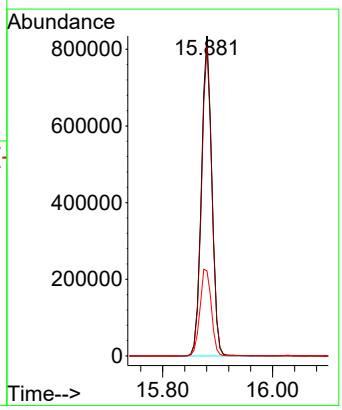


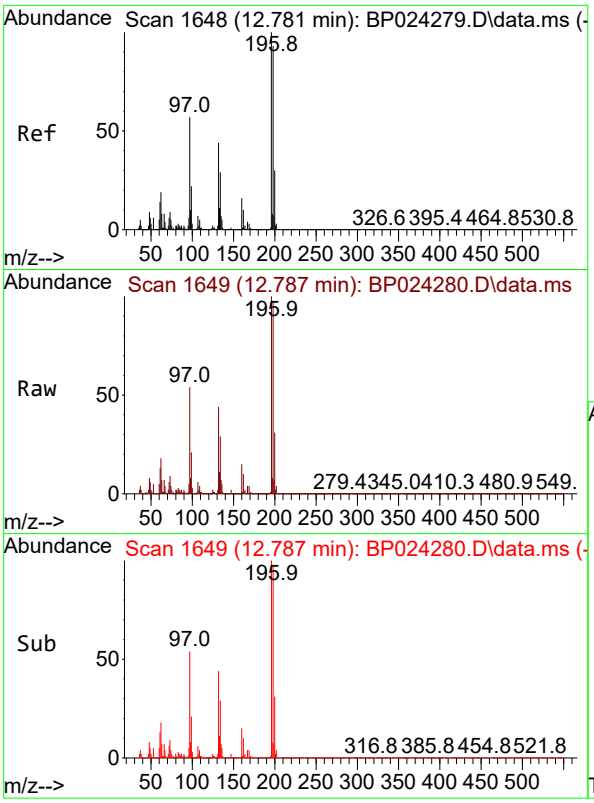


#42
2,4,6-Tribromophenol
Concen: 105.521 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:330 Resp: 1098486

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	29.5	24.7	37.1



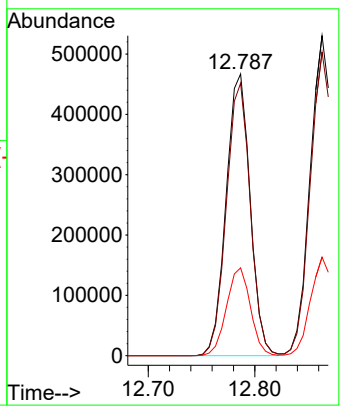


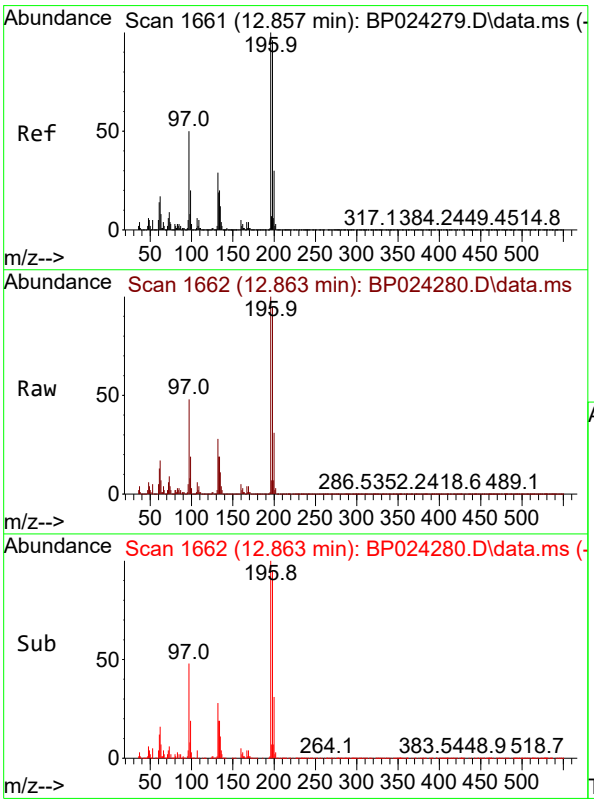
#43
2,4,6-Trichlorophenol
Concen: 53.315 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 732902

Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.3	111.5
200	31.2	24.0	36.0

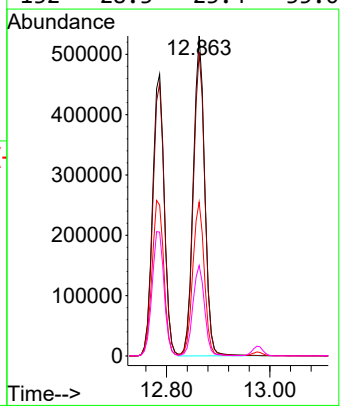


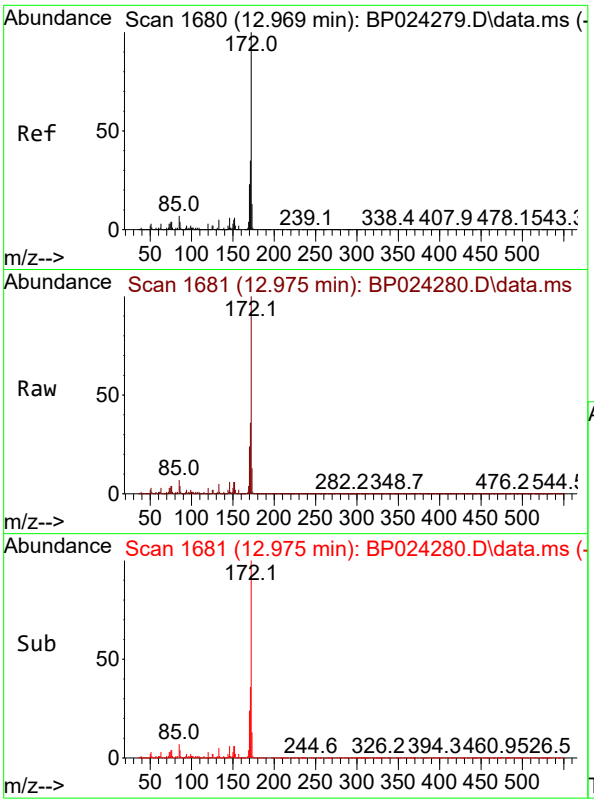


#44
2,4,5-Trichlorophenol
Concen: 53.491 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:196 Resp: 814885

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.3	115.9
97	48.1	40.4	60.6
132	28.3	23.4	35.0



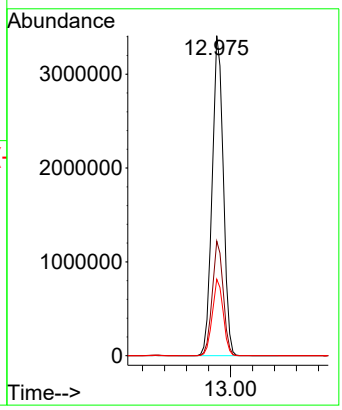


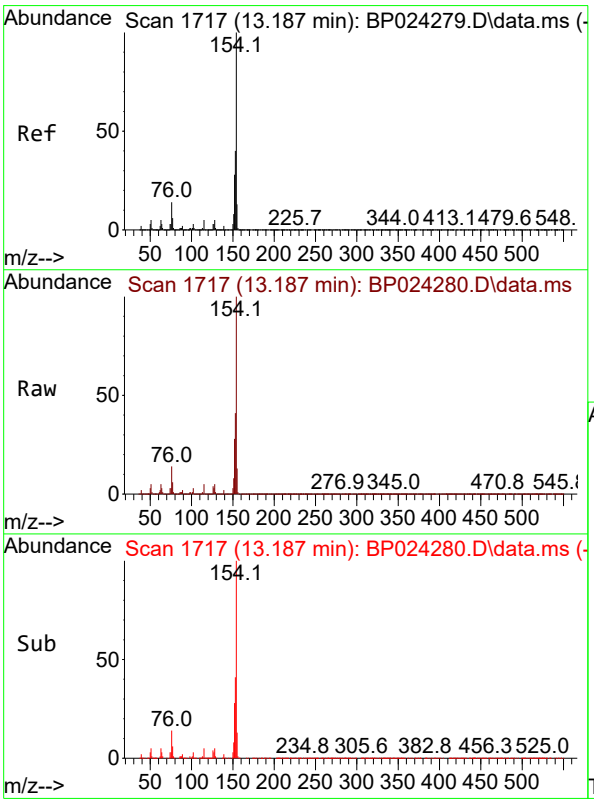
#45
2-Fluorobiphenyl
Concen: 95.877 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 4800845

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.9	18.6	27.8

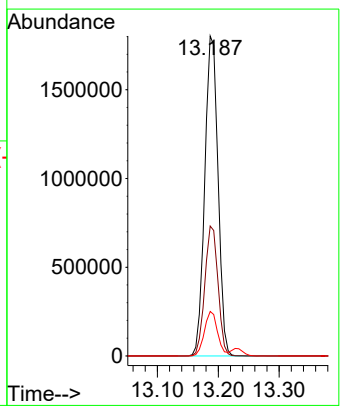


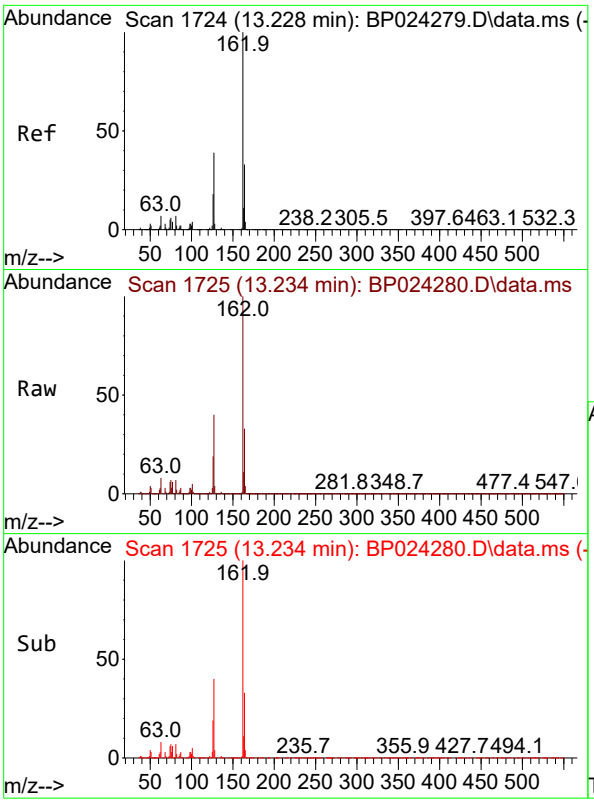


#46
1,1'-Biphenyl
Concen: 48.551 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2725840

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.9	0.0	33.5



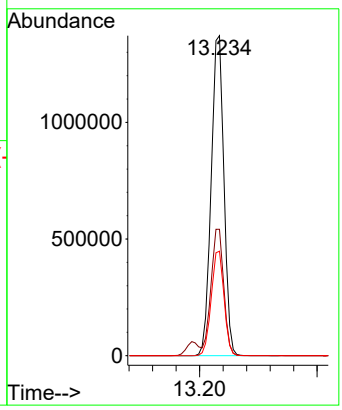


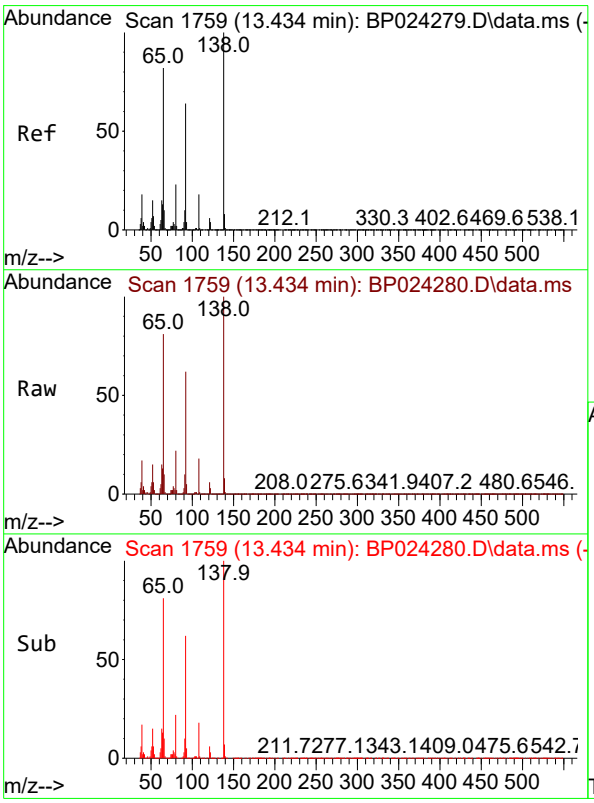
#47
2-Chloronaphthalene
Concen: 49.220 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 2062098

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.9	47.9
164	32.7	26.2	39.4

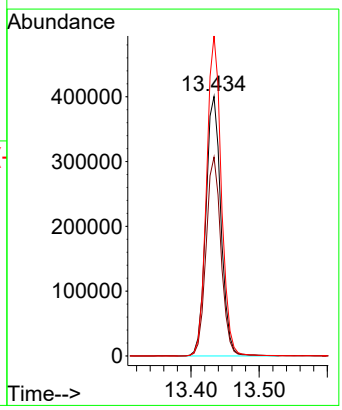


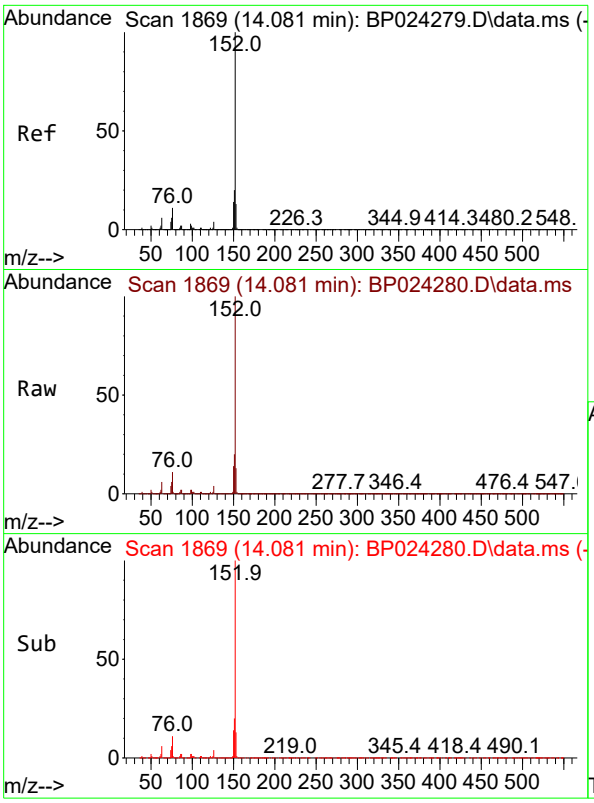


#48
2-Nitroaniline
Concen: 53.282 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion: 65 Resp: 616599

Ion	Ratio	Lower	Upper
65	100		
92	76.6	62.3	93.5
138	123.3	97.2	145.8



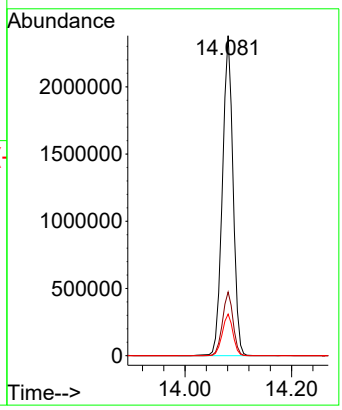


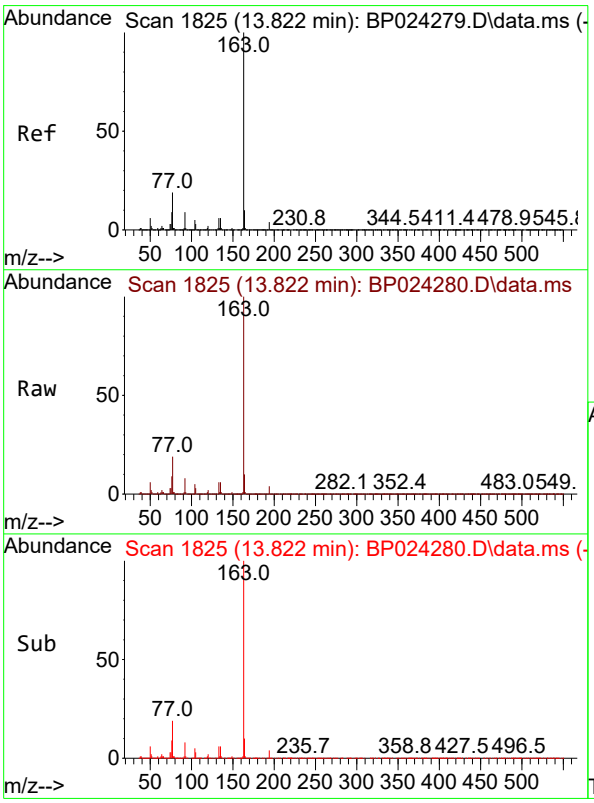
#49
Acenaphthylene
Concen: 49.877 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 3279666

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.0	10.6	15.8

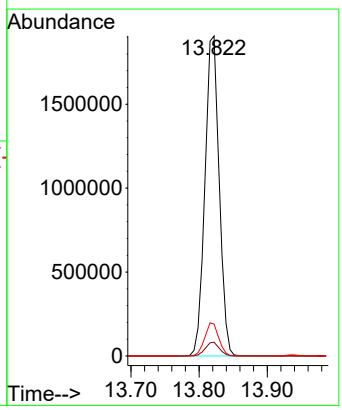


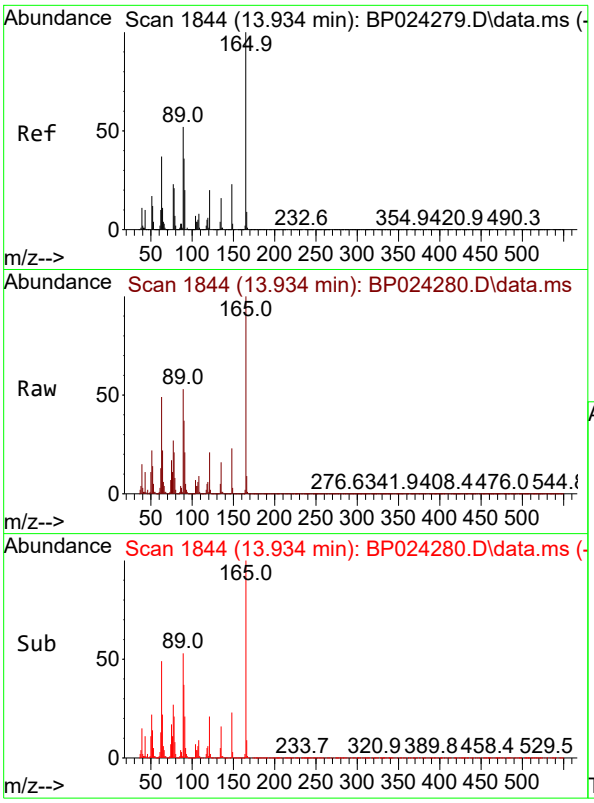


#50
Dimethylphthalate
Concen: 50.046 ng
RT: 13.822 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:163 Resp: 2775759

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.0	12.0



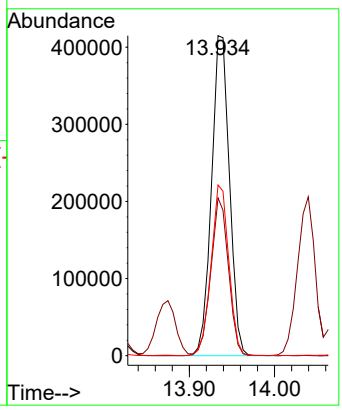


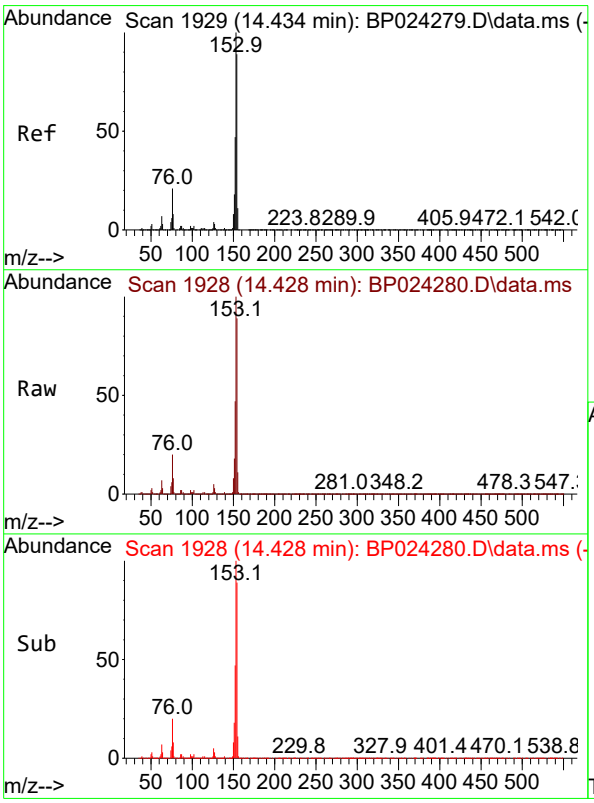
#51
2,6-Dinitrotoluene
Concen: 51.903 ng
RT: 13.934 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 606525

Ion	Ratio	Lower	Upper
165	100		
63	49.3	38.0	57.0
89	53.4	41.7	62.5

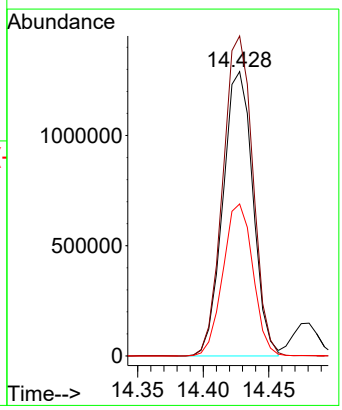


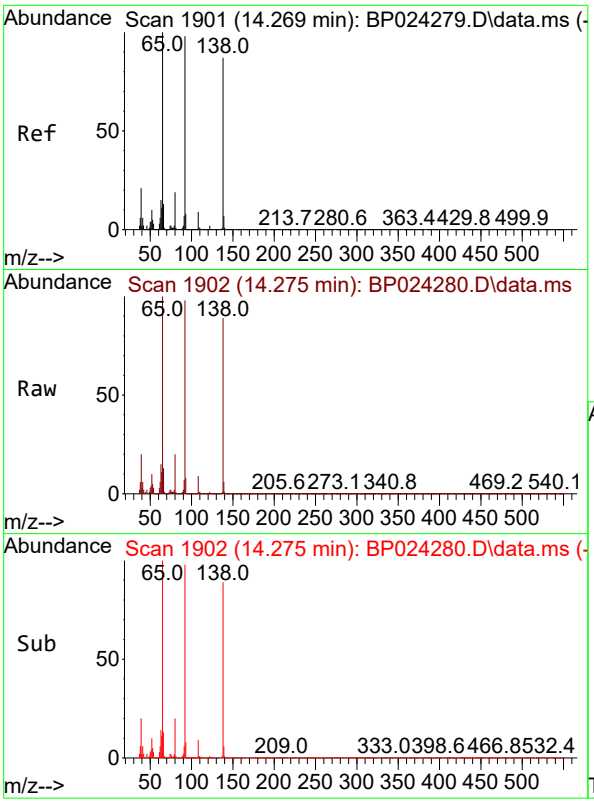


#52
Acenaphthene
Concen: 49.128 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:154 Resp: 2054333

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.8	134.6
152	53.4	42.6	63.8



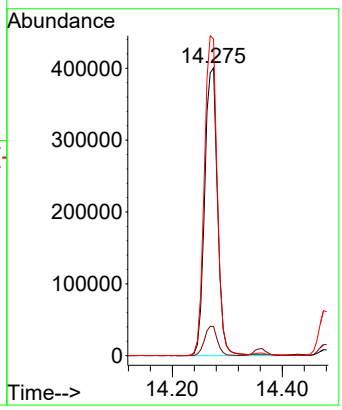


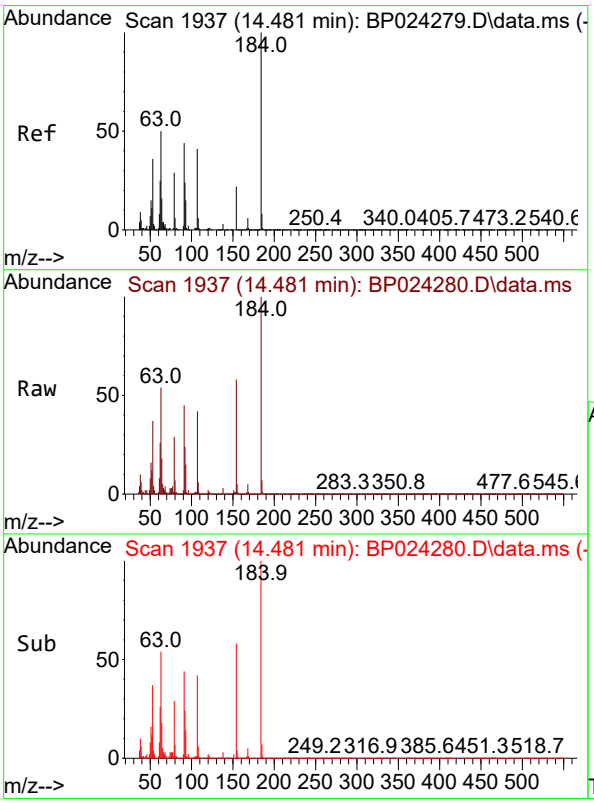
#53
3-Nitroaniline
Concen: 53.536 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 649071

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.3	12.5
92	110.0	89.8	134.8

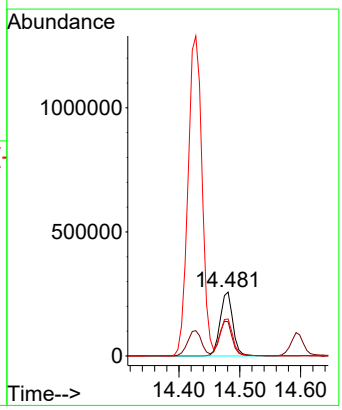


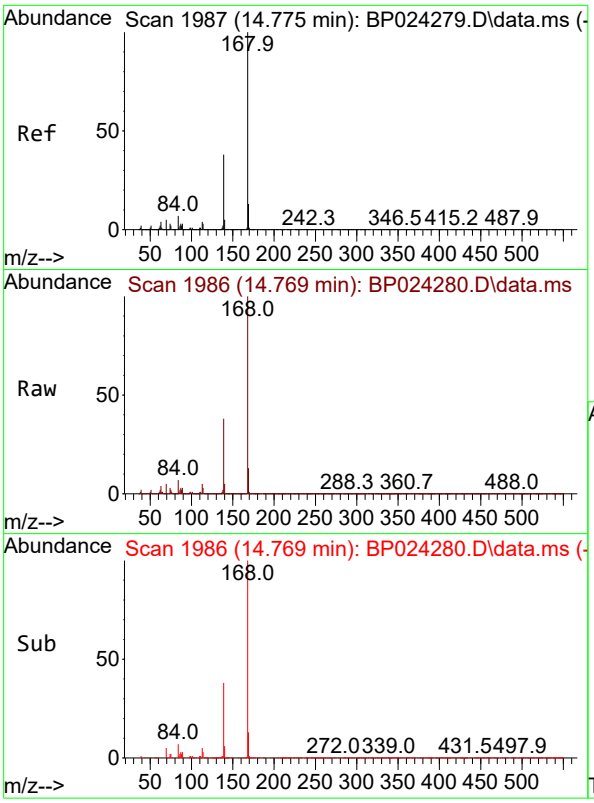


#54
2,4-Dinitrophenol
Concen: 59.640 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:184 Resp: 373165

Ion	Ratio	Lower	Upper
184	100		
63	53.7	42.6	64.0
154	57.8	47.2	70.8



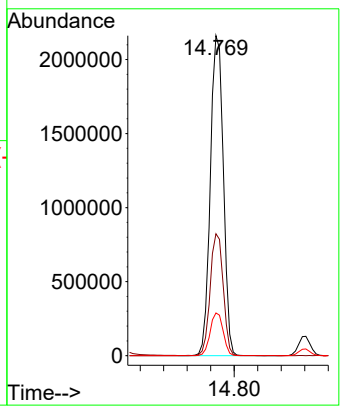


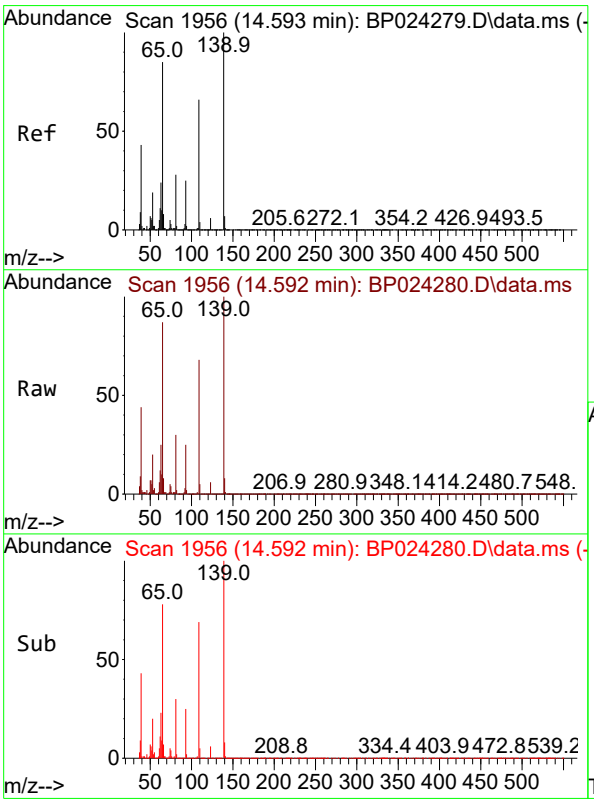
#55
Dibenzofuran
Concen: 48.392 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 3318798

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5
169	13.4	10.6	16.0

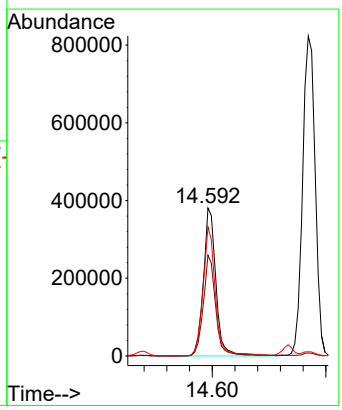


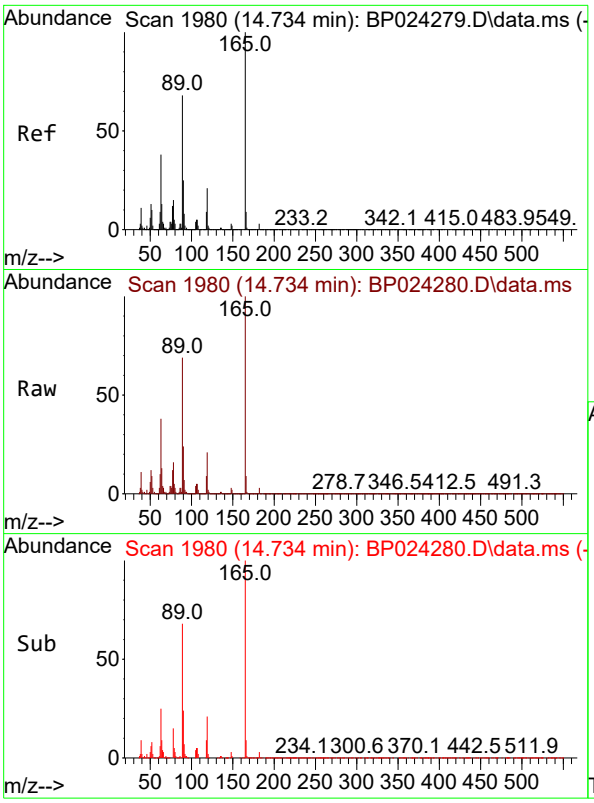


#56
4-Nitrophenol
Concen: 55.750 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:139 Resp: 581023

Ion	Ratio	Lower	Upper
139	100		
109	68.1	46.1	86.1
65	87.3	65.0	105.0



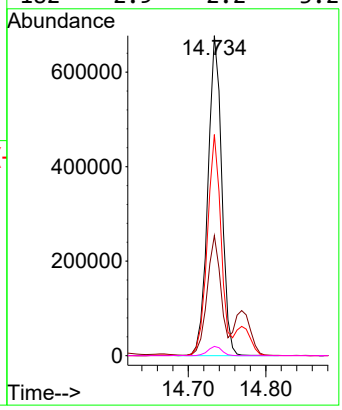


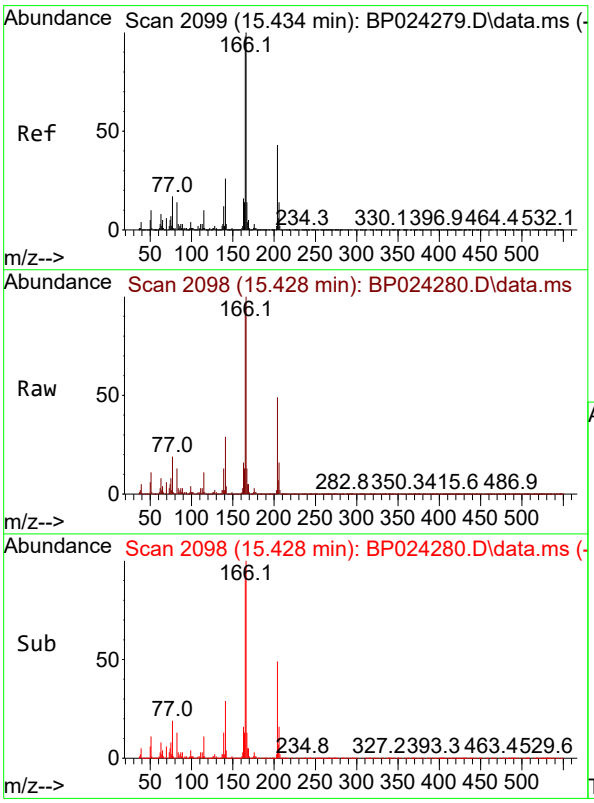
#57
2,4-Dinitrotoluene
Concen: 53.160 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 839701

Ion	Ratio	Lower	Upper
165	100		
63	37.5	30.4	45.6
89	69.1	54.6	82.0
182	2.9	2.2	3.2

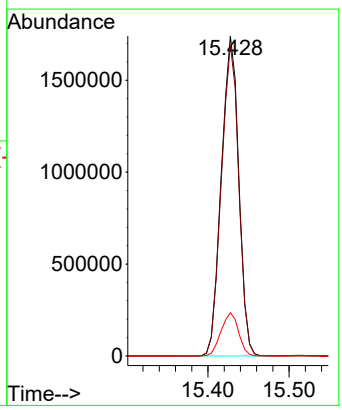


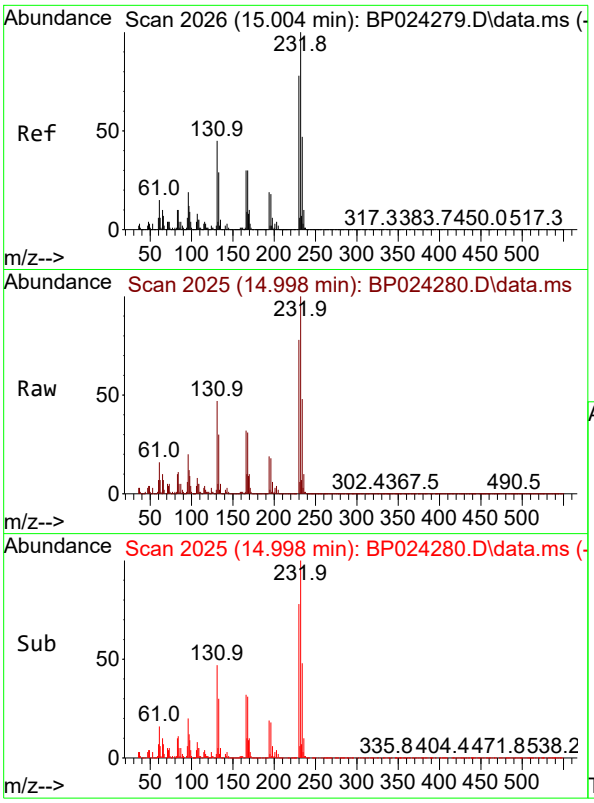


#58
Fluorene
Concen: 49.085 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:166 Resp: 2599105

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.5	10.9	16.3



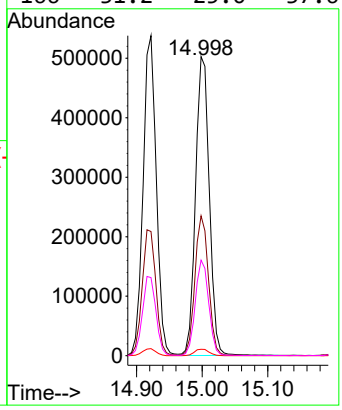


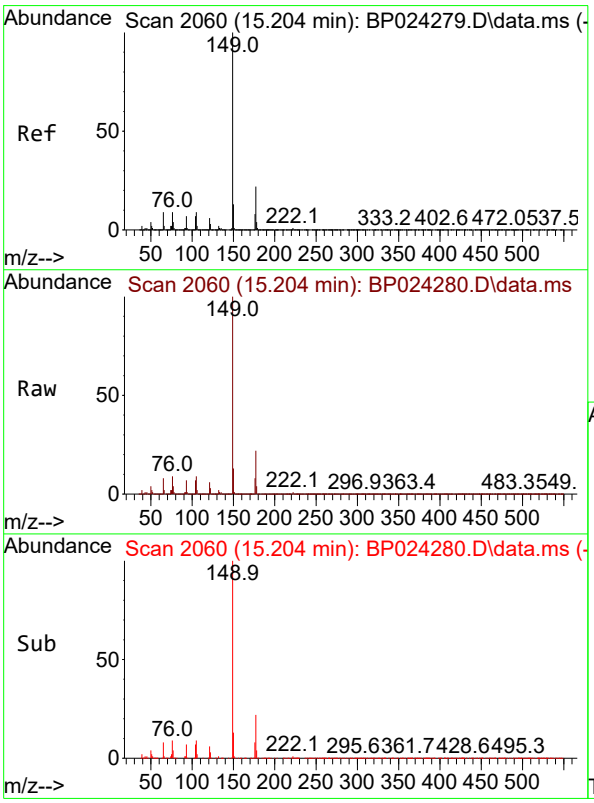
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.128 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 734741

Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.3	1.9	2.9
166	31.2	25.0	37.6

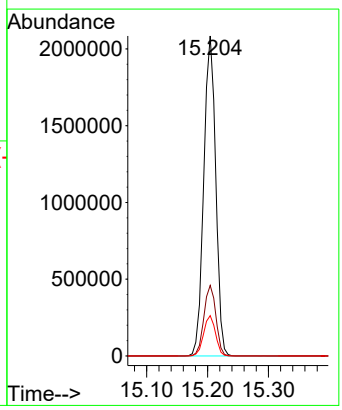


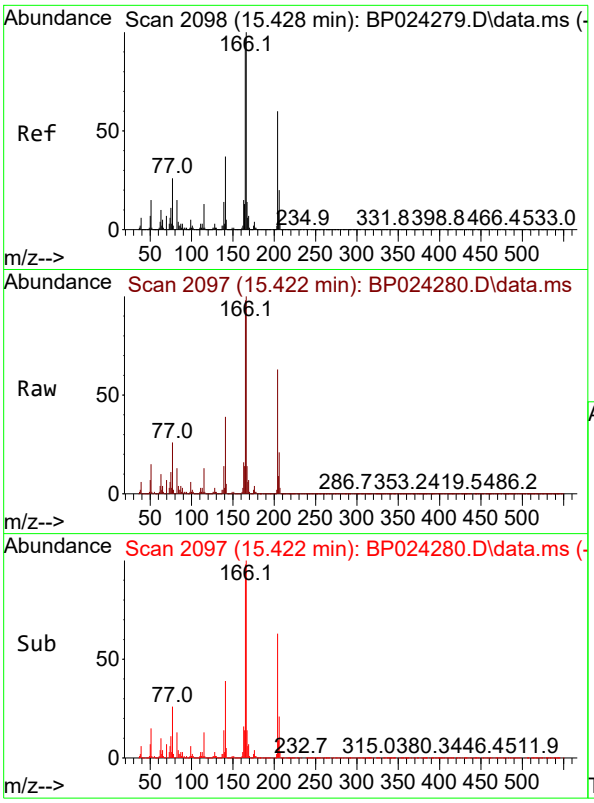


#60
Diethylphthalate
Concen: 49.914 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2849294

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.6	10.1	15.1



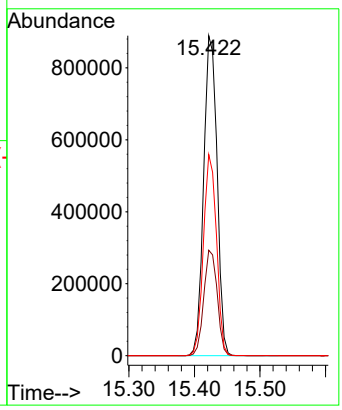


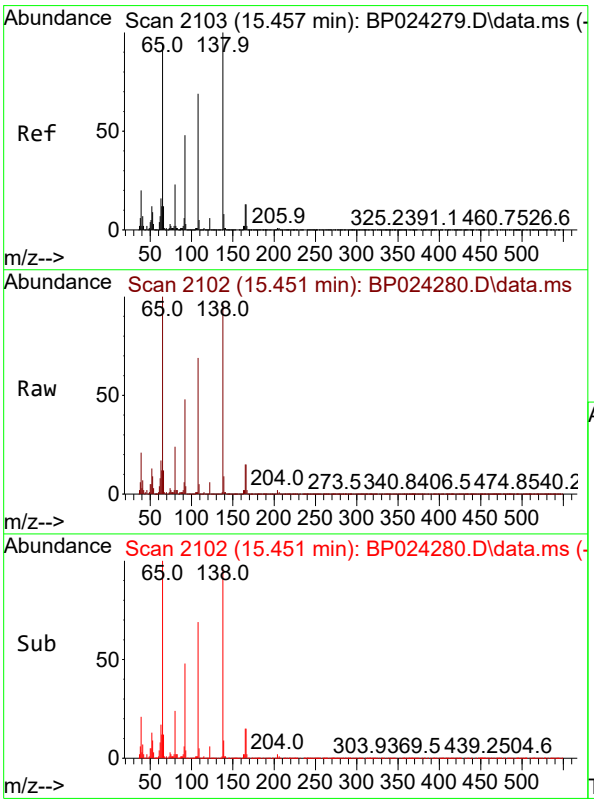
#61
4-Chlorophenyl-phenylether
Concen: 49.287 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 1267291

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	62.8	49.4	74.0

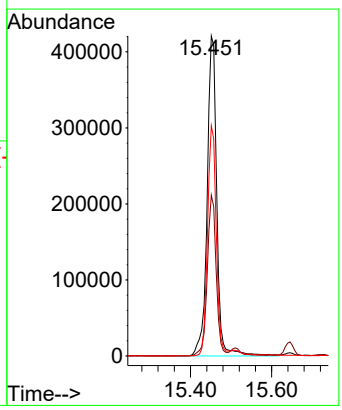


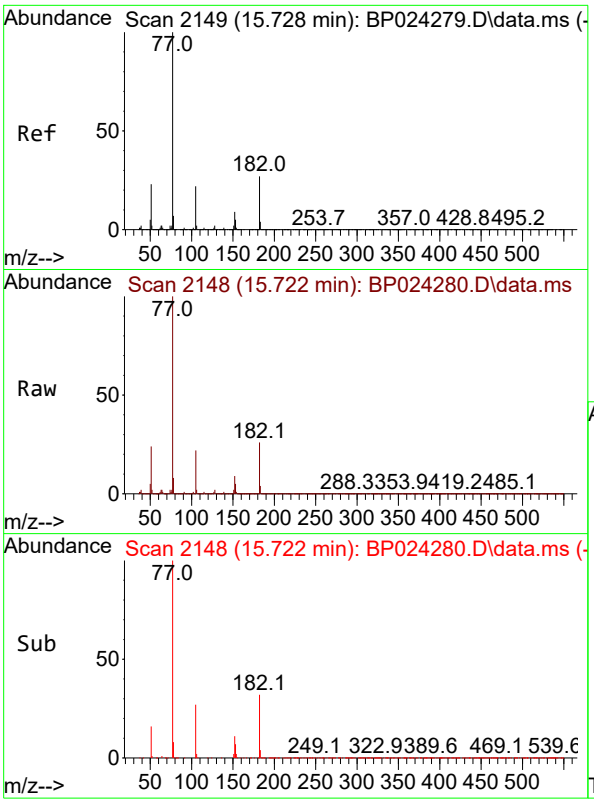


#62
4-Nitroaniline
Concen: 53.764 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:138 Resp: 691081

Ion	Ratio	Lower	Upper
138	100		
92	50.2	27.8	67.8
108	72.0	48.9	88.9



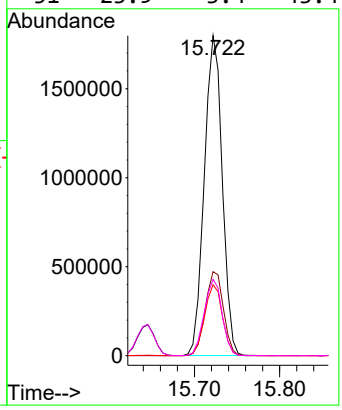


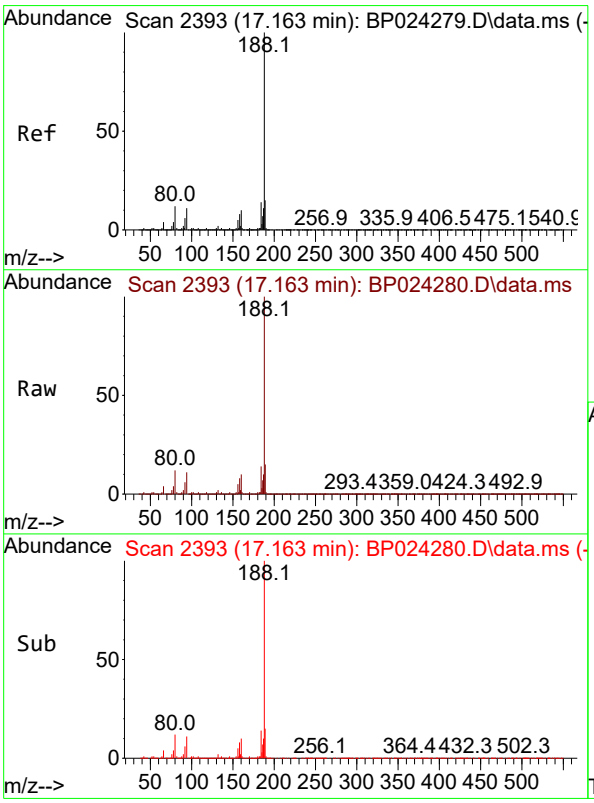
#63
Azobenzene
Concen: 50.076 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 2632843

Ion	Ratio	Lower	Upper
77	100		
182	26.3	7.3	47.3
105	22.1	2.3	42.3
51	23.9	3.4	43.4

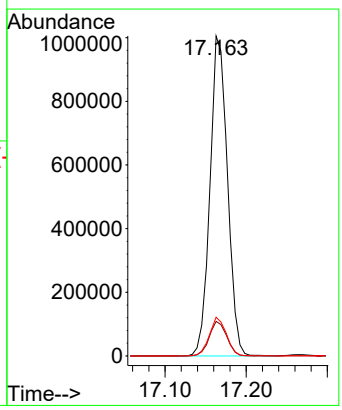


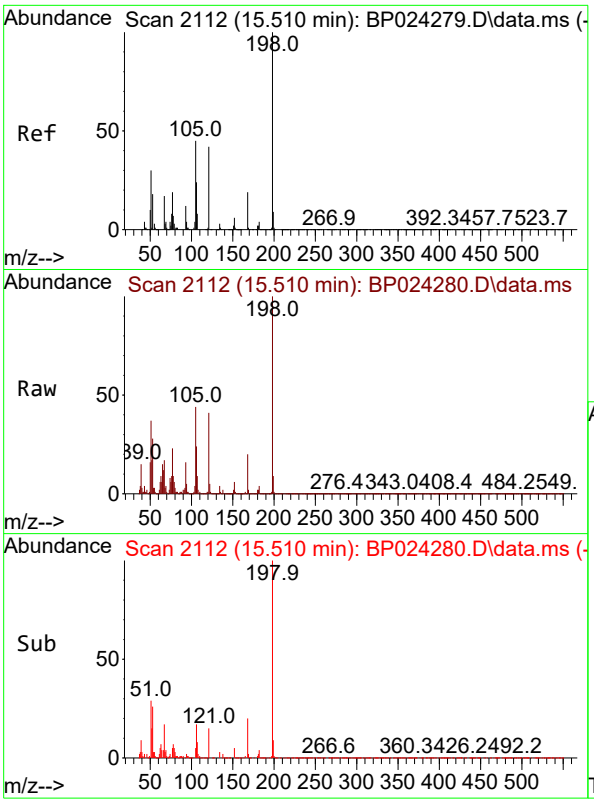


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:188 Resp: 1505097

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.6	13.0
80	12.1	9.8	14.6



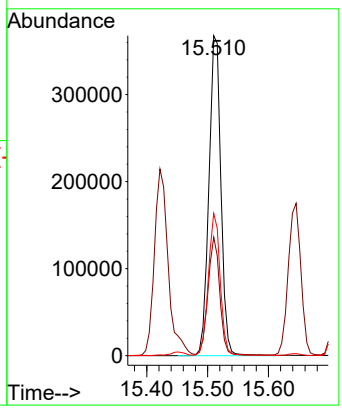


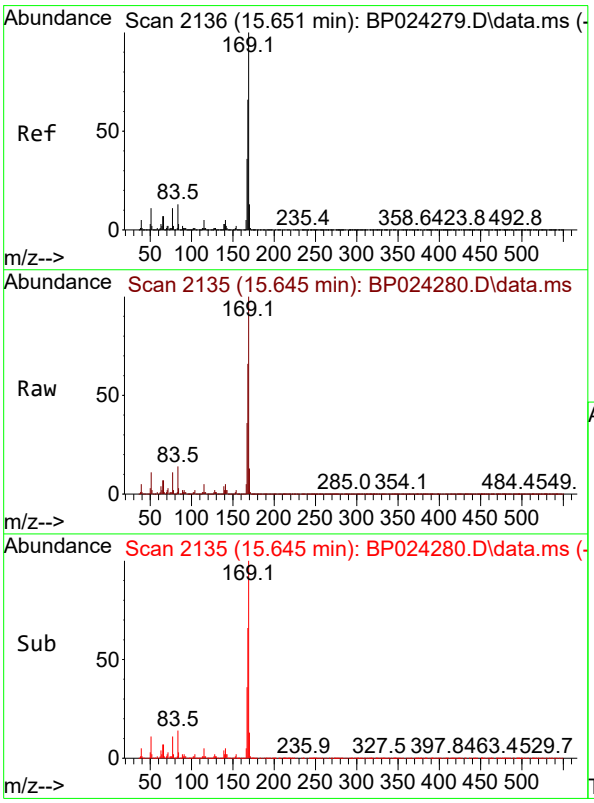
#65
4,6-Dinitro-2-methylphenol
Concen: 57.285 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 503765

Ion	Ratio	Lower	Upper
198	100		
51	37.1	18.4	58.4
105	44.5	26.5	66.5

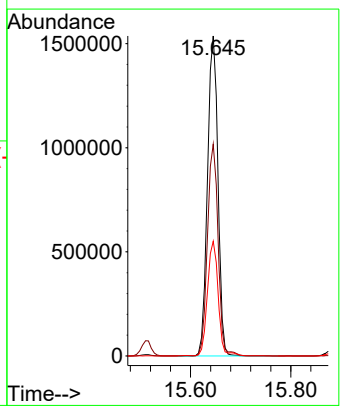


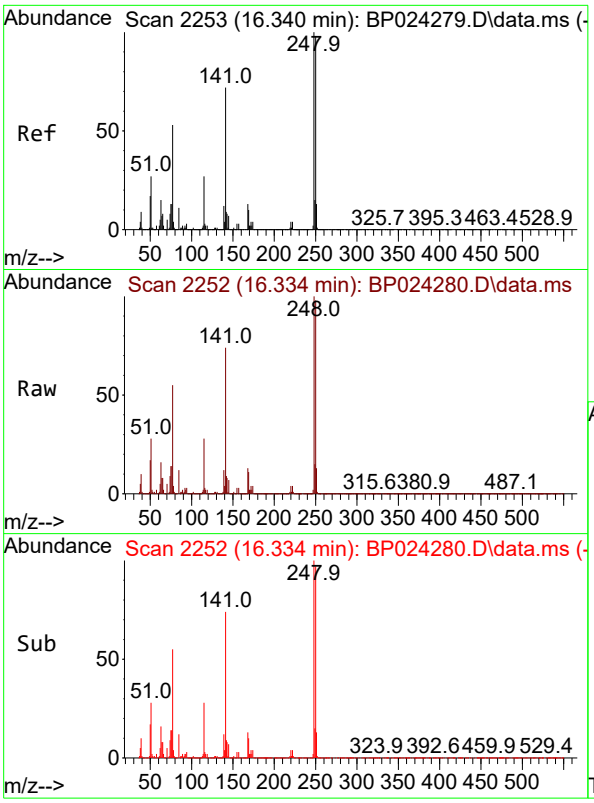


#66
n-Nitrosodiphenylamine
Concen: 49.312 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:169 Resp: 2225475

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	35.9	28.9	43.3



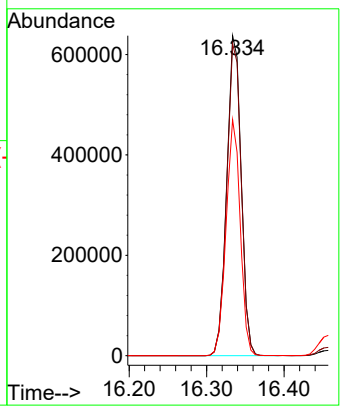


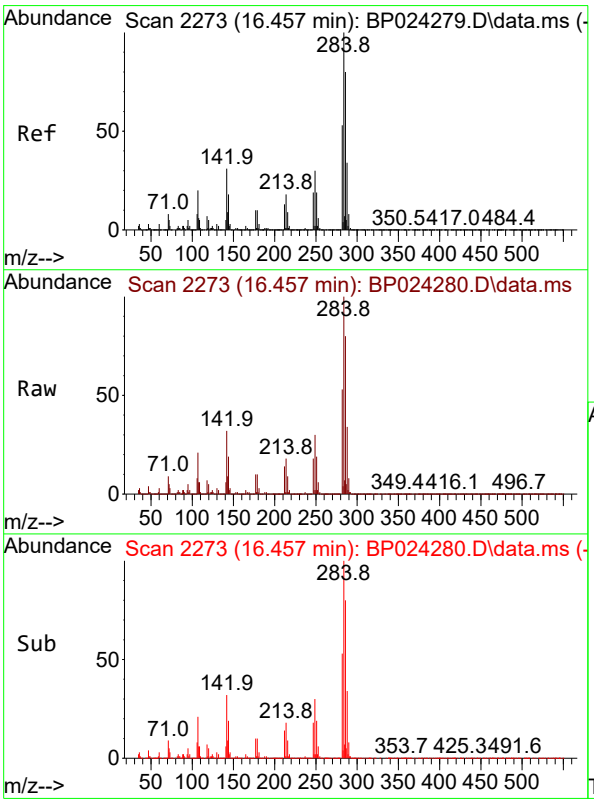
#67
4-Bromophenyl-phenylether
Concen: 50.389 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 827245

Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.2	117.4
141	73.8	57.7	86.5

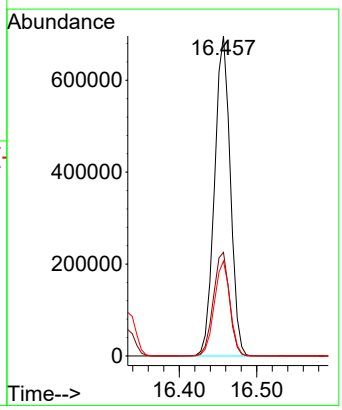


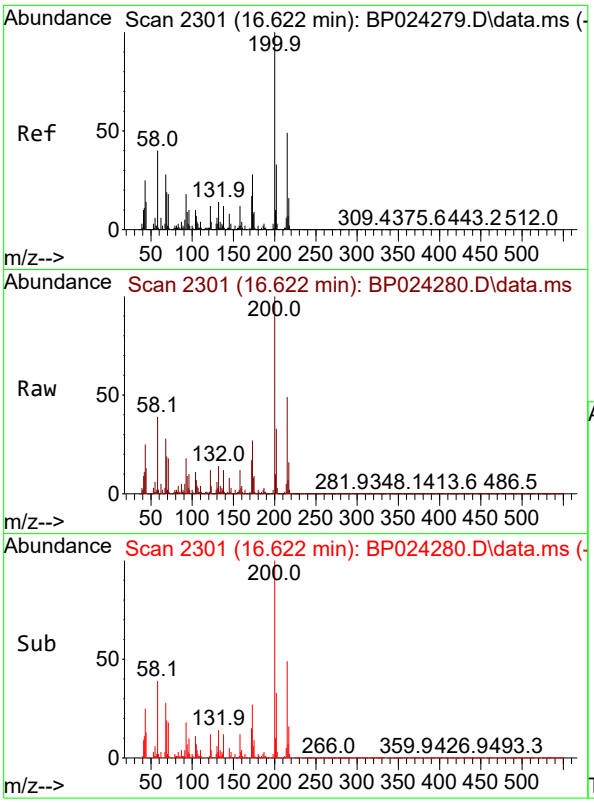


#68
Hexachlorobenzene
Concen: 50.405 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:284 Resp: 983768

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	29.7	23.8	35.6



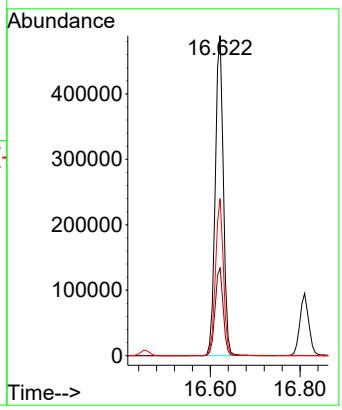


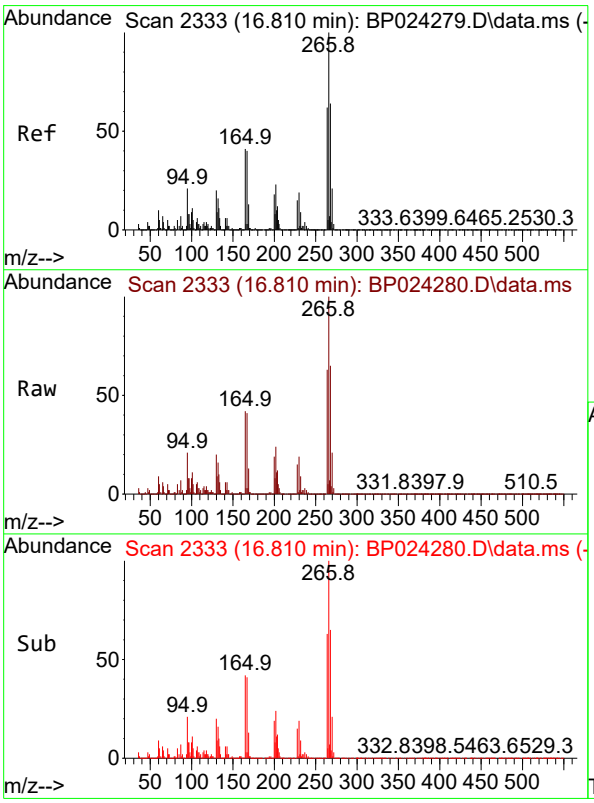
#69
Atrazine
Concen: 53.356 ng
RT: 16.622 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 610479

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.5	47.5
215	49.1	28.8	68.8

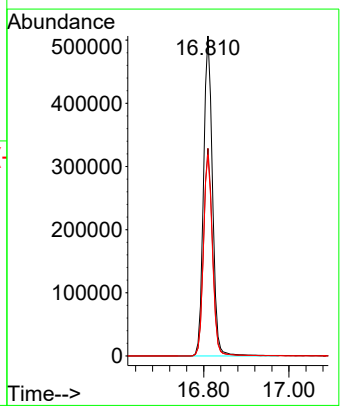


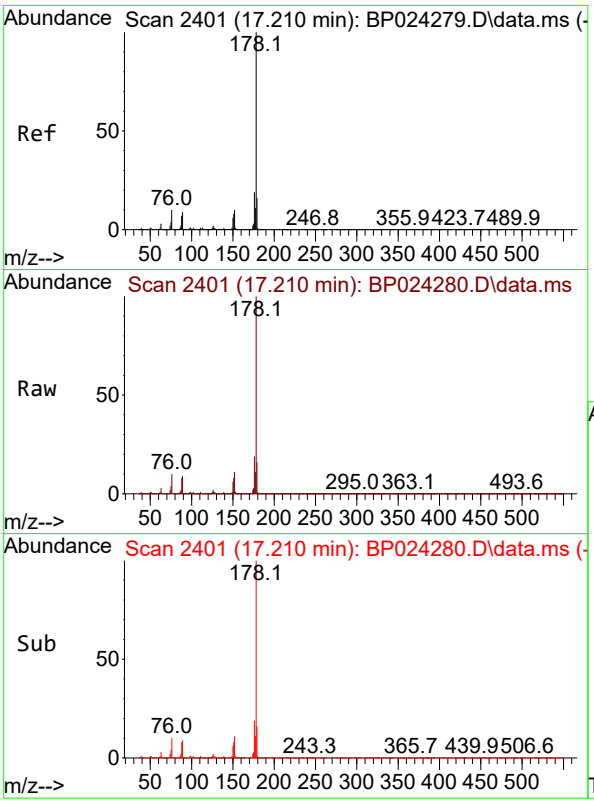


#70
Pentachlorophenol
Concen: 55.203 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:266 Resp: 739779

Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.0	76.6
264	62.9	49.8	74.6



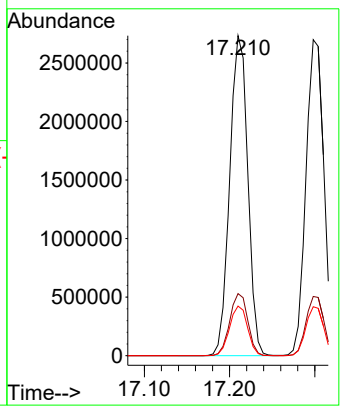


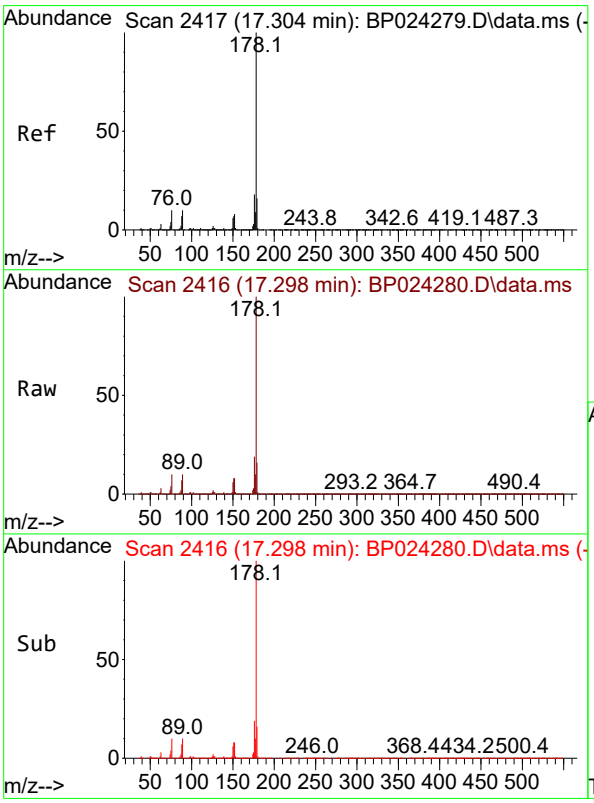
#71
Phenanthrene
Concen: 48.768 ng
RT: 17.210 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 4024282

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.5	18.7

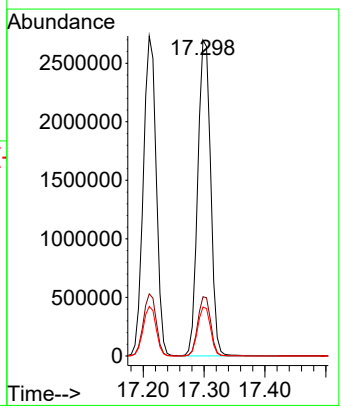


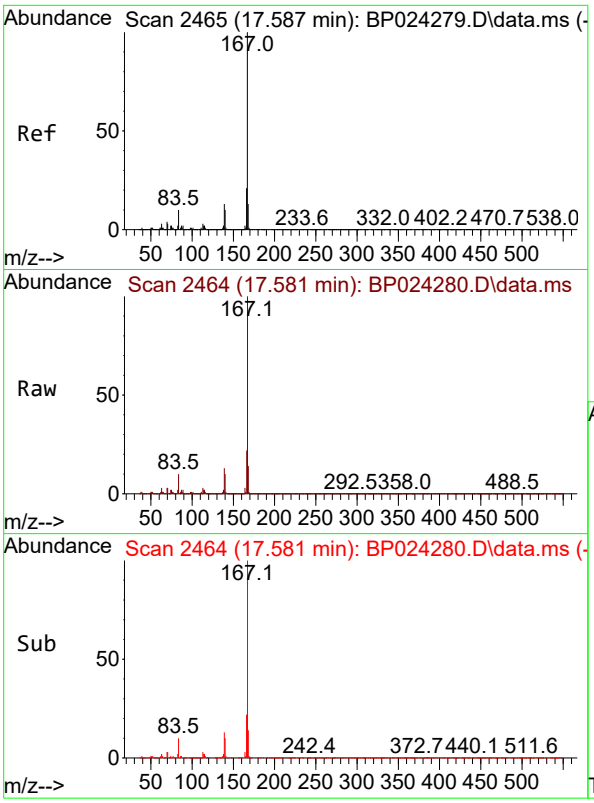


#72
Anthracene
Concen: 49.883 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:178 Resp: 3960913

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.5	12.4	18.6



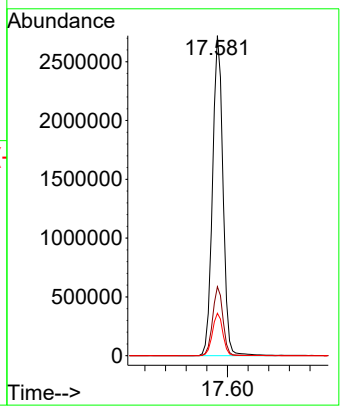


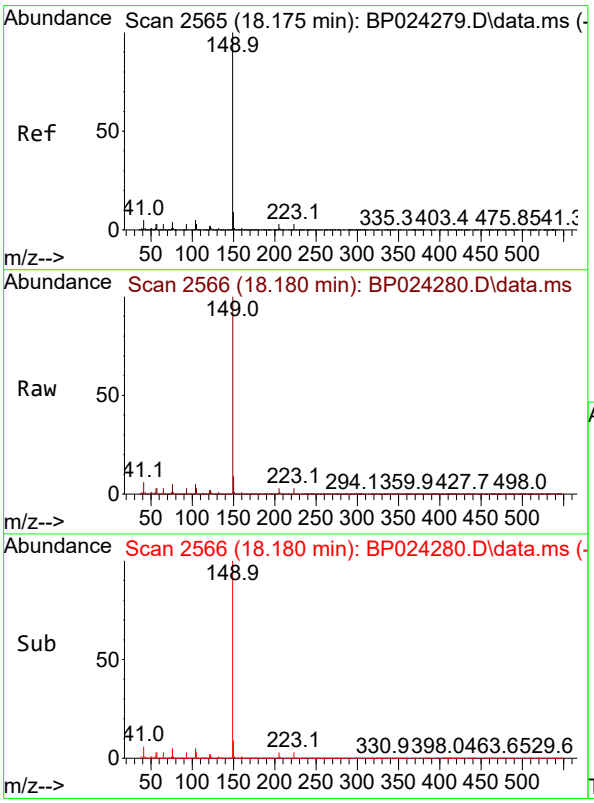
#73
Carbazole
Concen: 49.364 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 3814743

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.3	10.6	16.0

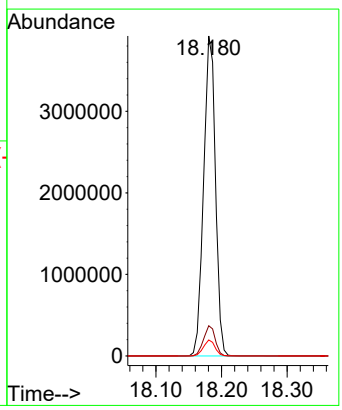


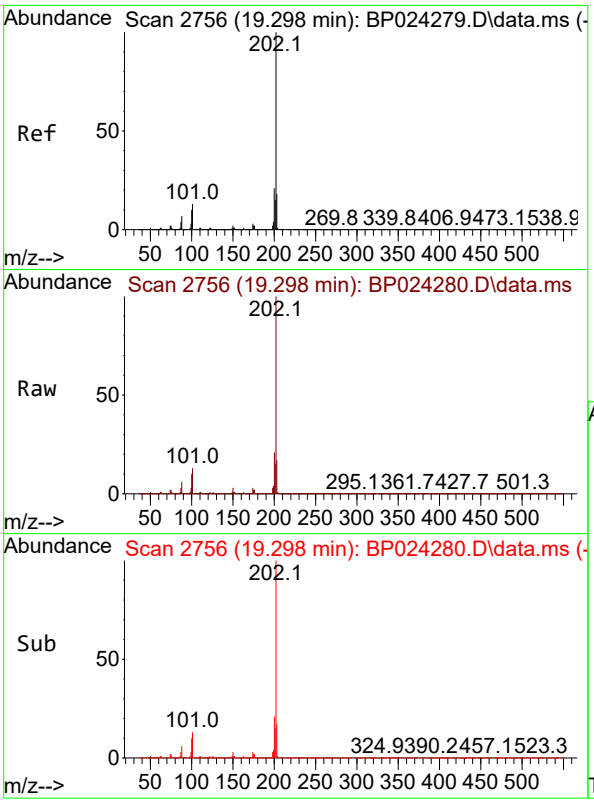


#74
Di-n-butylphthalate
Concen: 51.208 ng
RT: 18.180 min Scan# 2566
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 4930617

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	3.9	5.9



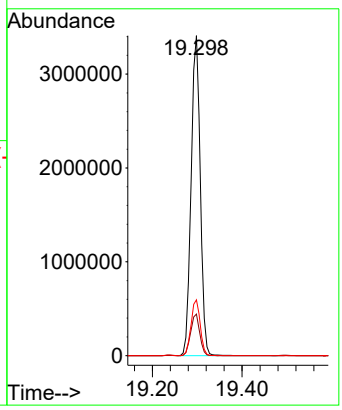


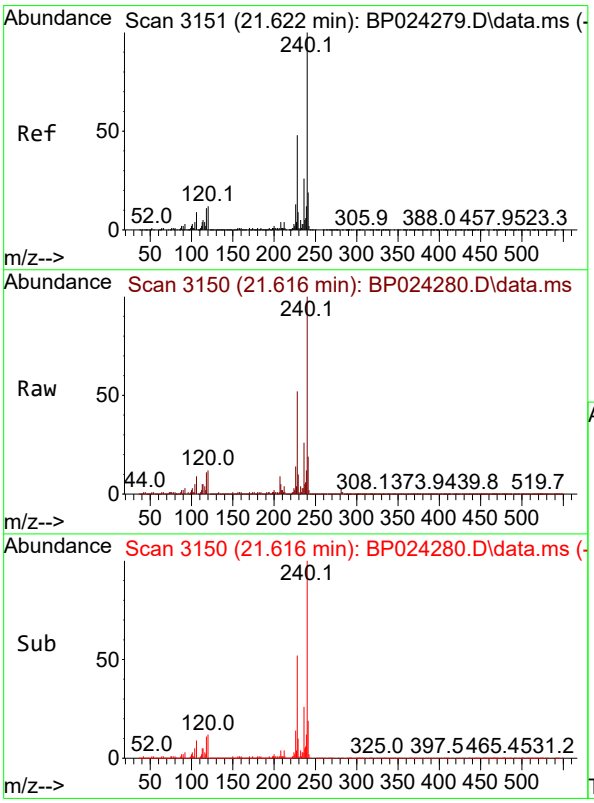
#75
Fluoranthene
Concen: 49.160 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 4815021

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.4	0.0	37.7

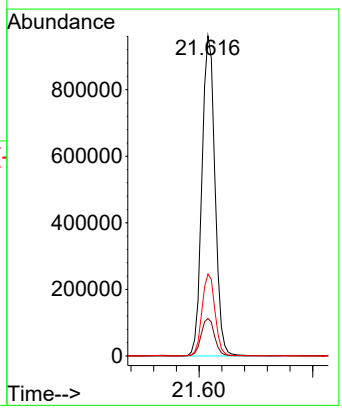


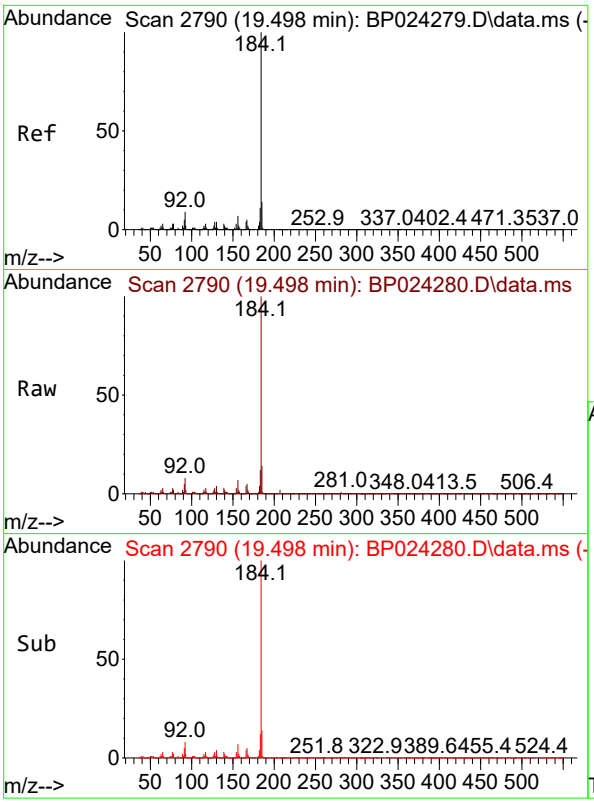


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:240 Resp: 1527193

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.8	14.8
236	25.6	20.9	31.3



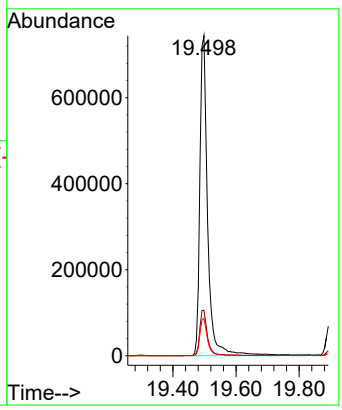


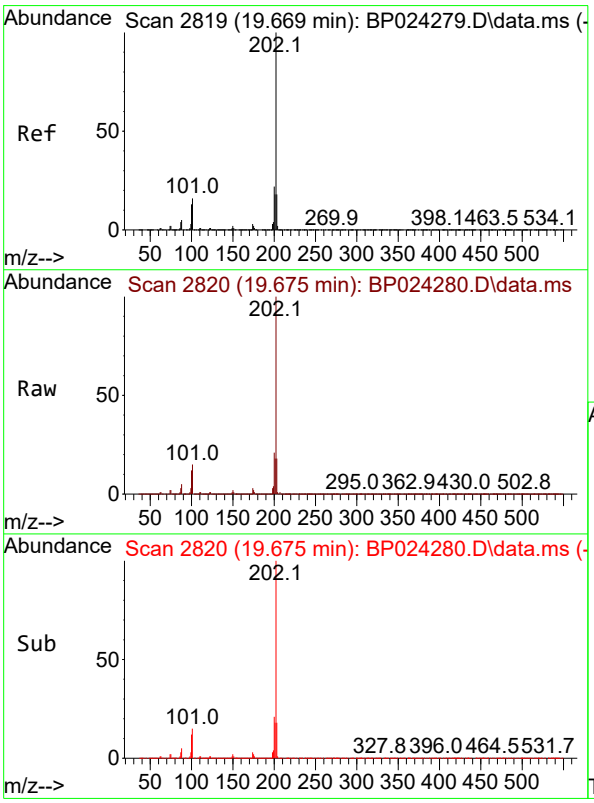
#77
Benzidine
Concen: 67.525 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1272924

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	11.7	9.2	13.8

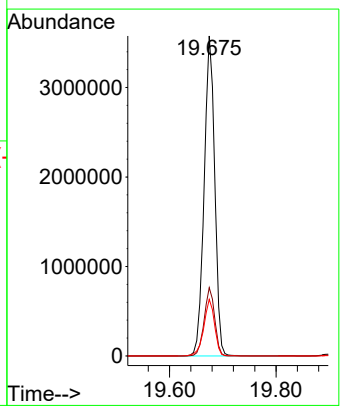


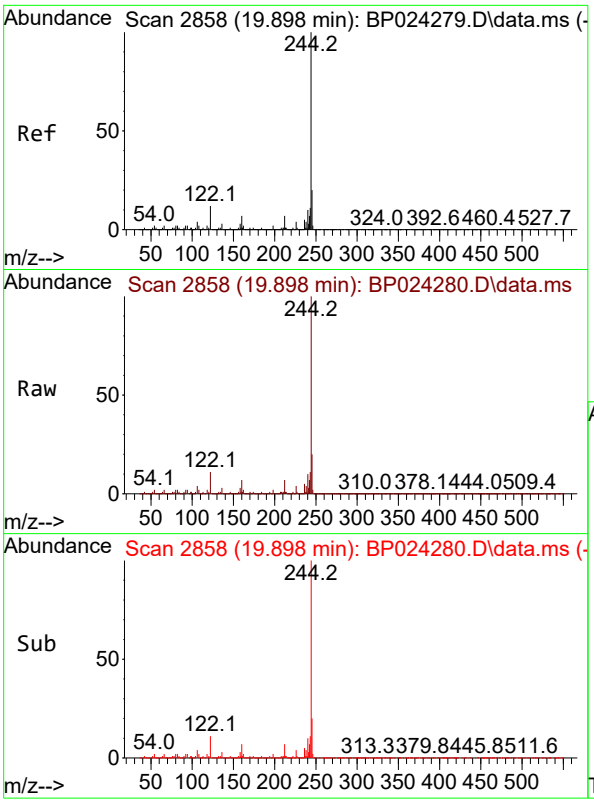


#78
Pyrene
Concen: 50.577 ng
RT: 19.675 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:202 Resp: 4942328

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.4	21.6



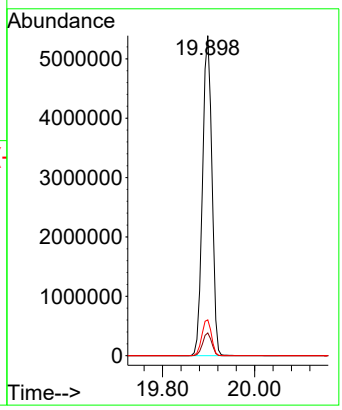


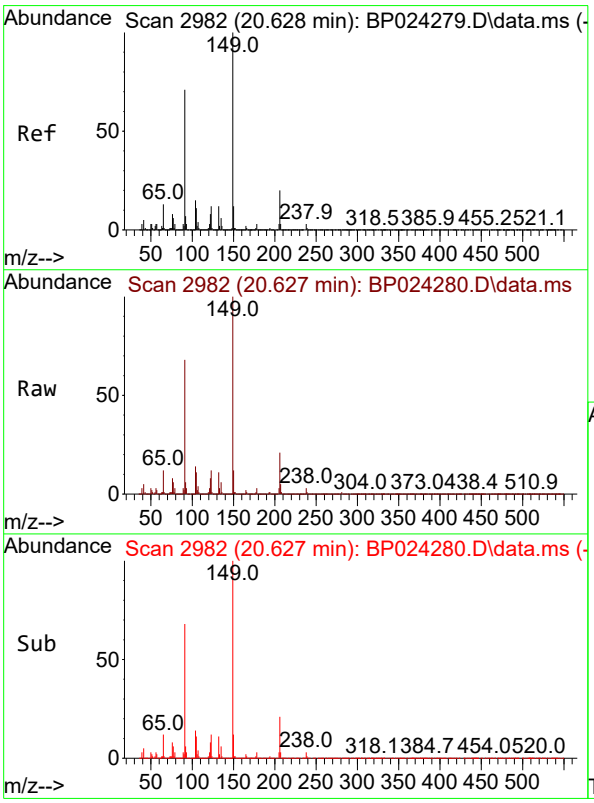
#79
Terphenyl-d14
Concen: 100.142 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 7671902

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.4	14.0

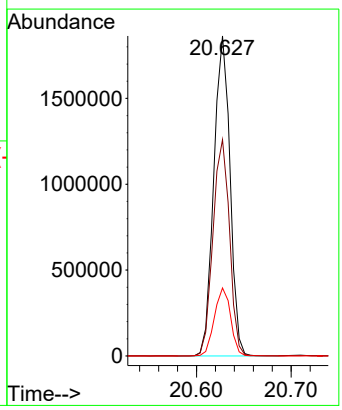


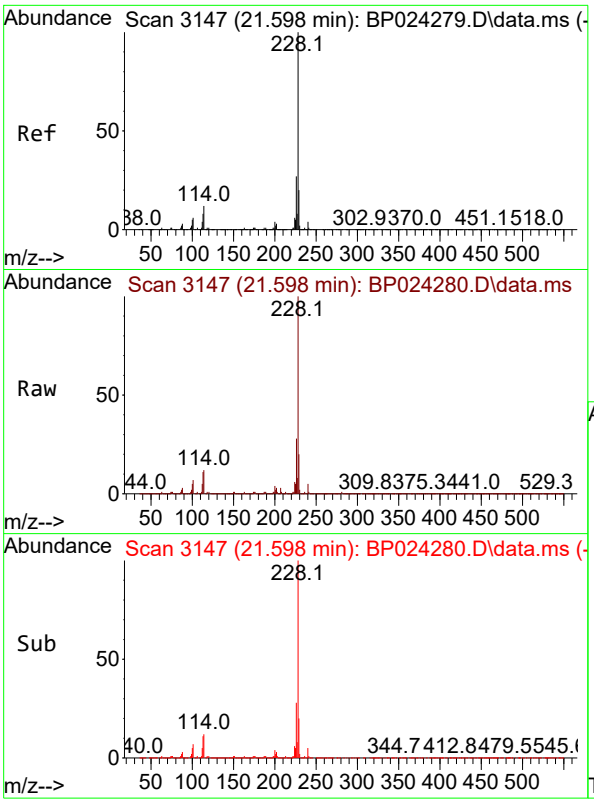


#80
Butylbenzylphthalate
Concen: 53.788 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 2215843

Ion	Ratio	Lower	Upper
149	100		
91	67.6	56.4	84.6
206	21.3	16.3	24.5



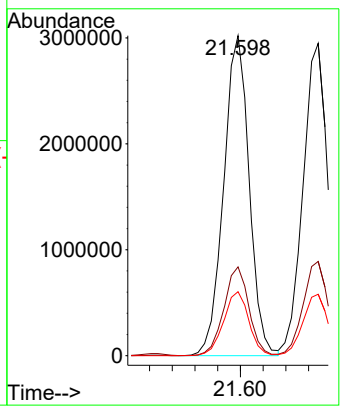


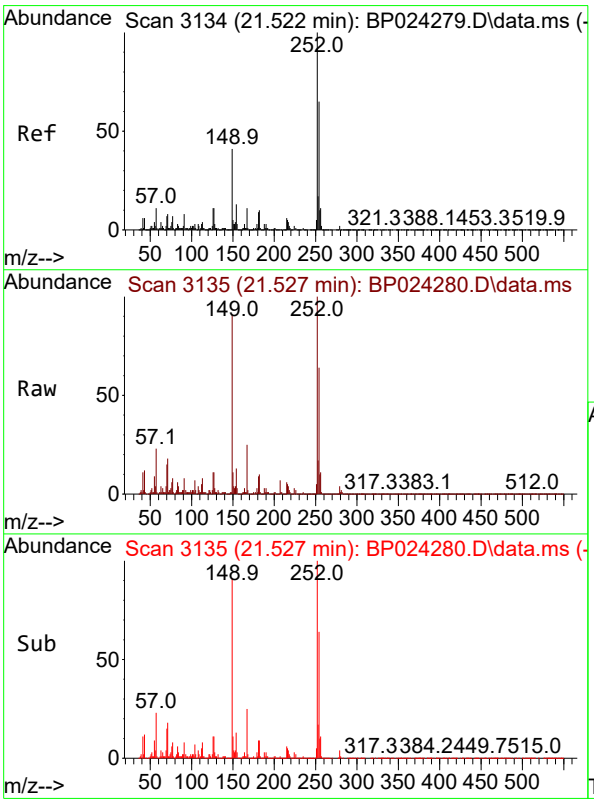
#81
Benzo(a)anthracene
Concen: 49.485 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4711301

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	15.9	23.9

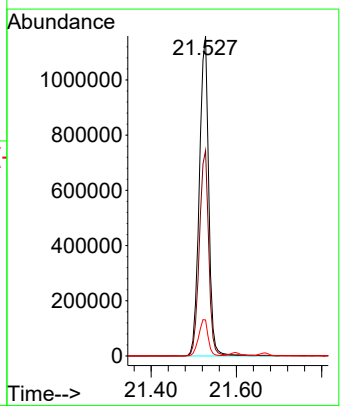


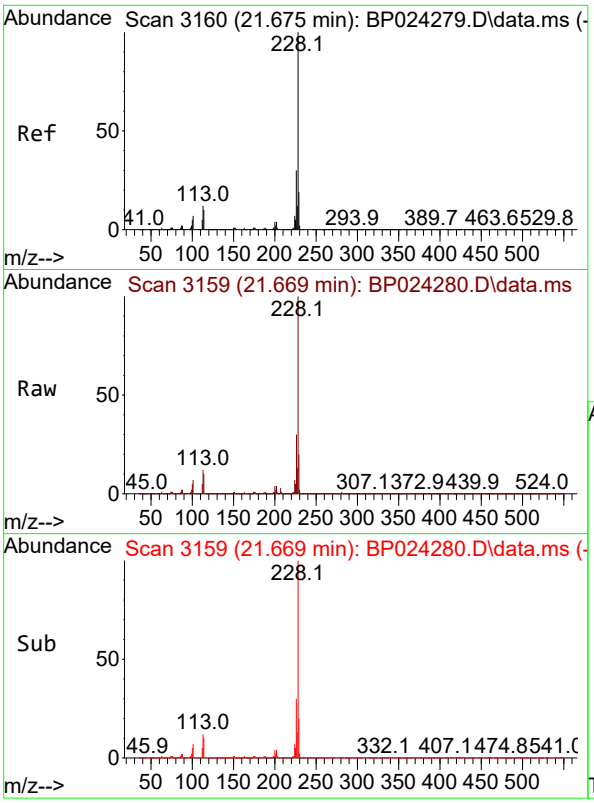


#82
3,3'-Dichlorobenzidine
Concen: 53.582 ng
RT: 21.527 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 1768950

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.7	77.5
126	11.3	8.8	13.2



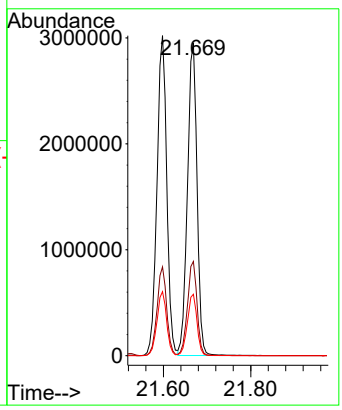


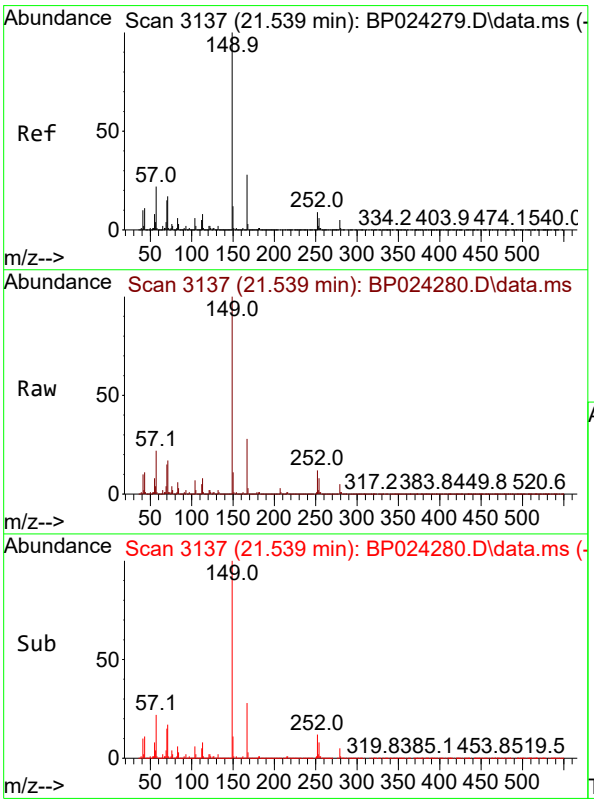
#83
Chrysene
Concen: 49.099 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 4480150

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	19.7	15.6	23.4

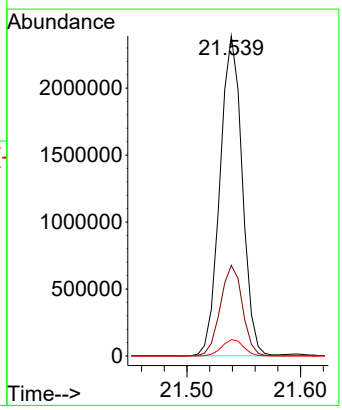


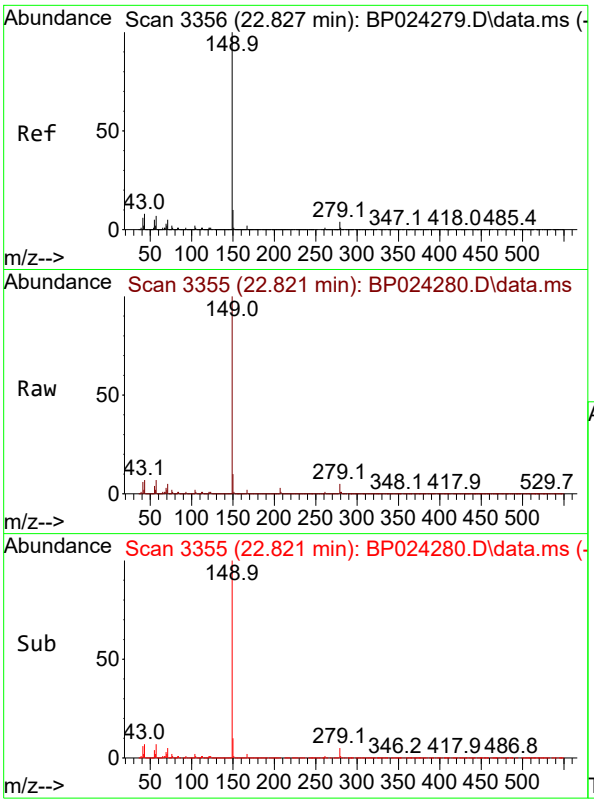


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.679 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:149 Resp: 3256722

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	5.1	4.0	6.0



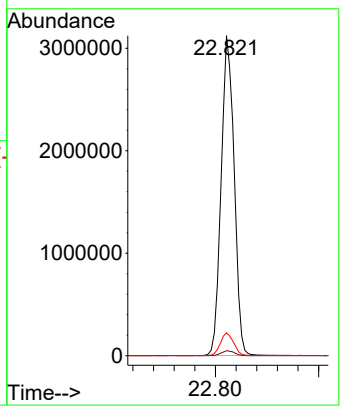


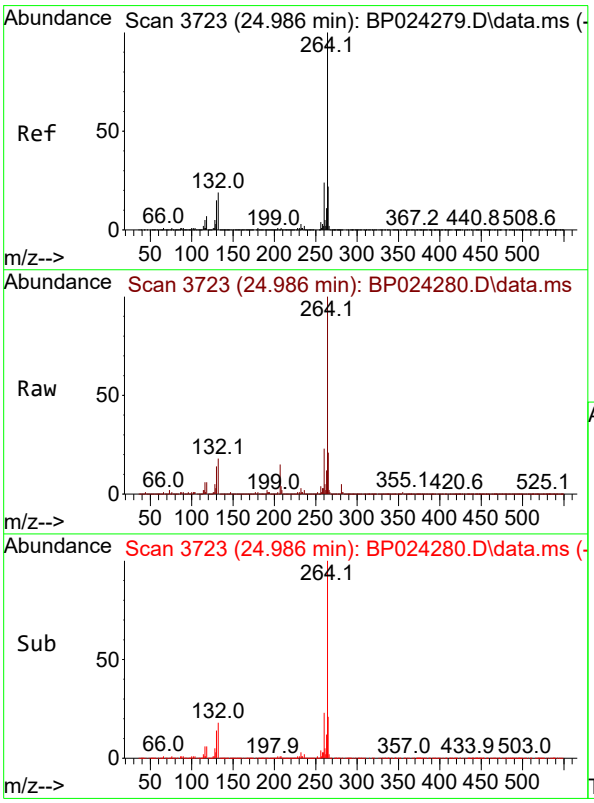
#85
Di-n-octyl phthalate
Concen: 56.166 ng
RT: 22.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 5458484

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0

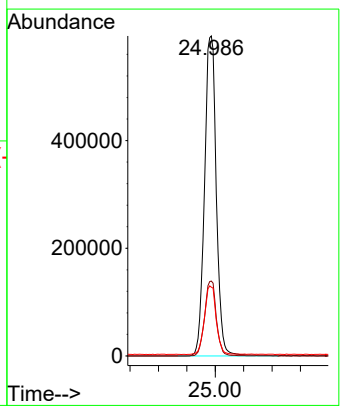


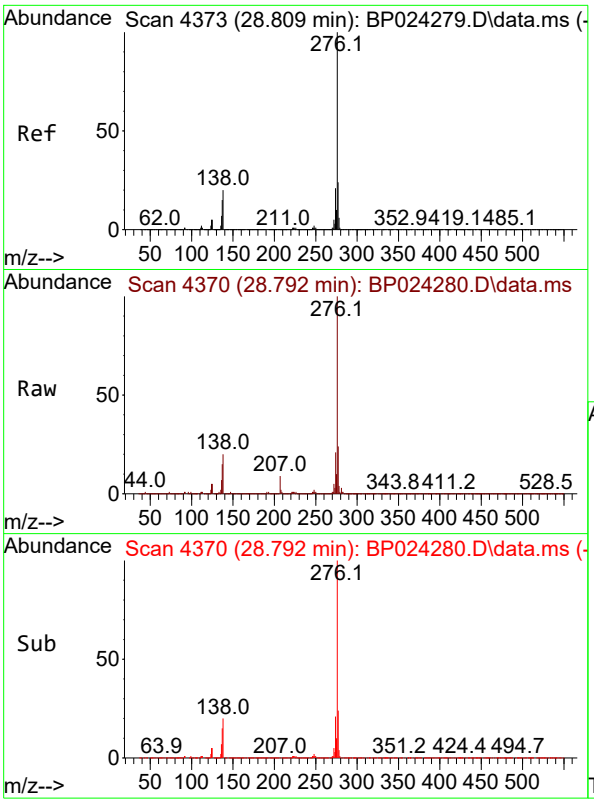


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. -0.000 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:264 Resp: 1706545

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.5	17.8	26.6



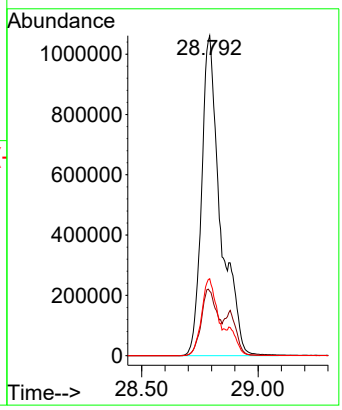


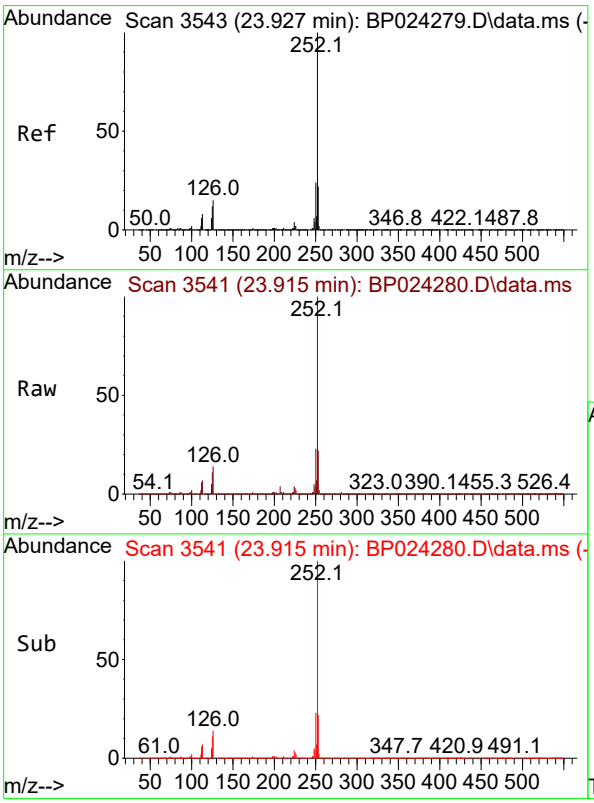
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.926 ng m
RT: 28.792 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 5977144

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.5	21.7
277	20.8	20.2	30.2

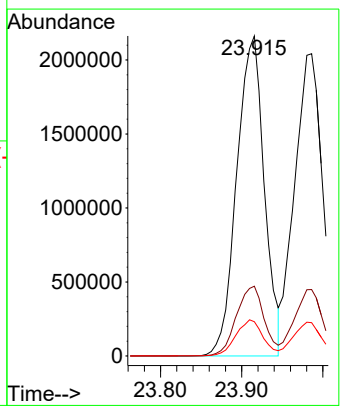


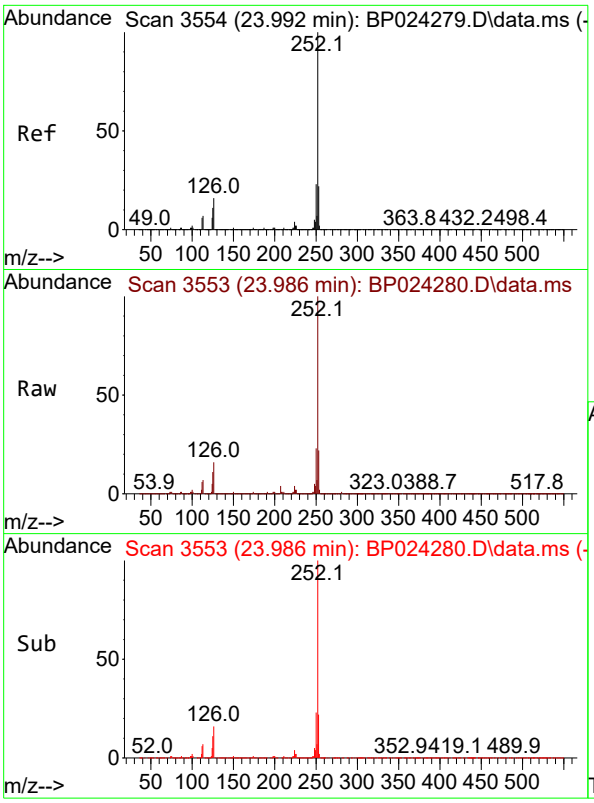


#88
Benzo(b)fluoranthene
Concen: 49.975 ng
RT: 23.915 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 5102465

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.7	9.4	14.0



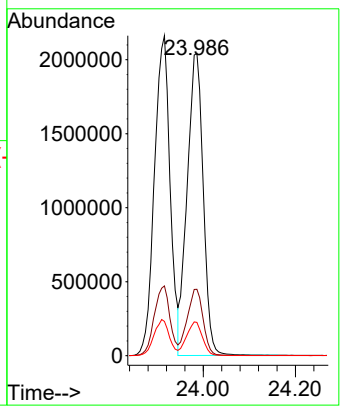


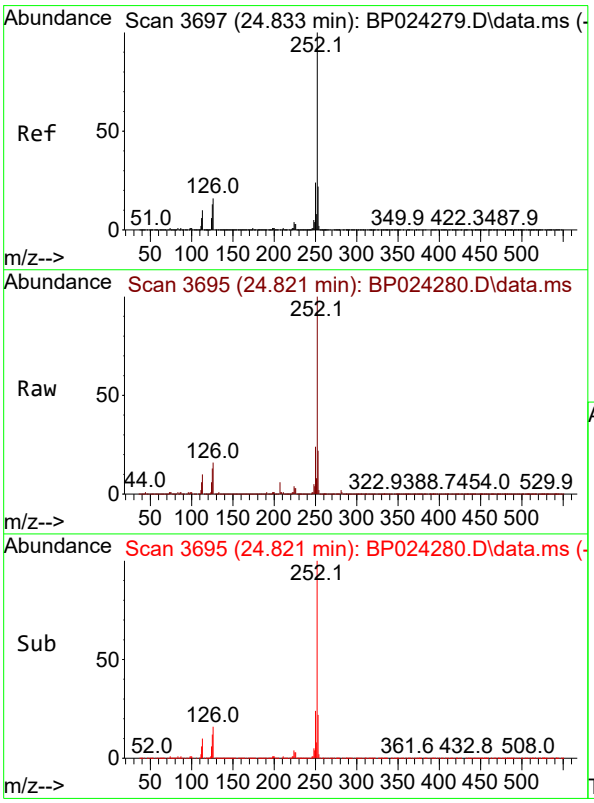
#89
Benzo(k)fluoranthene
Concen: 49.683 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 4923203

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.0	9.1	13.7

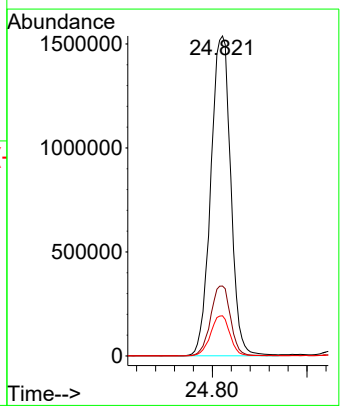


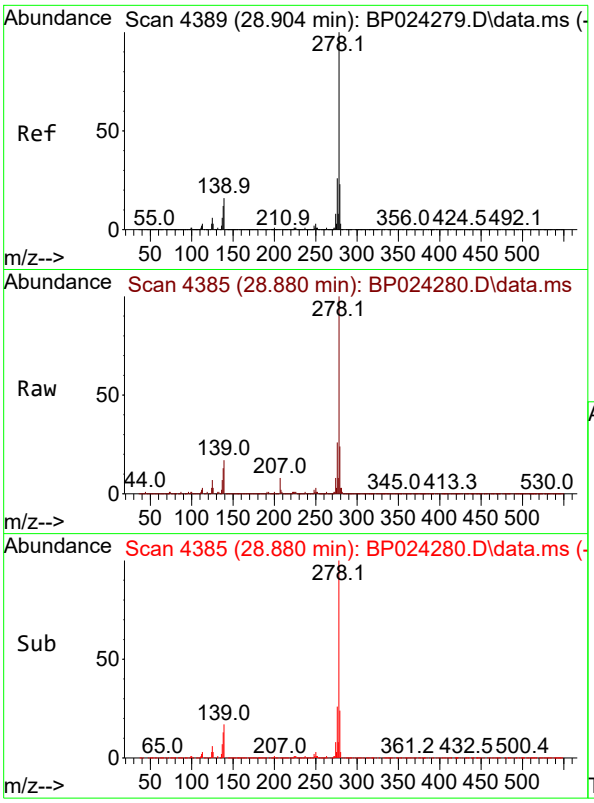


#90
Benzo(a)pyrene
Concen: 51.093 ng
RT: 24.821 min Scan# 3695
Delta R.T. -0.012 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:252 Resp: 4490517

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	12.5	10.1	15.1



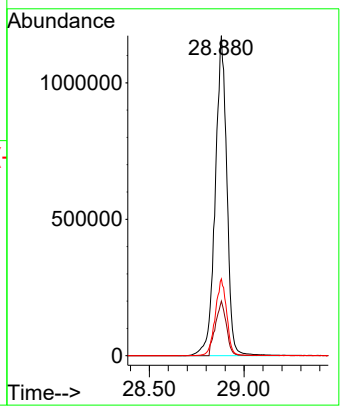


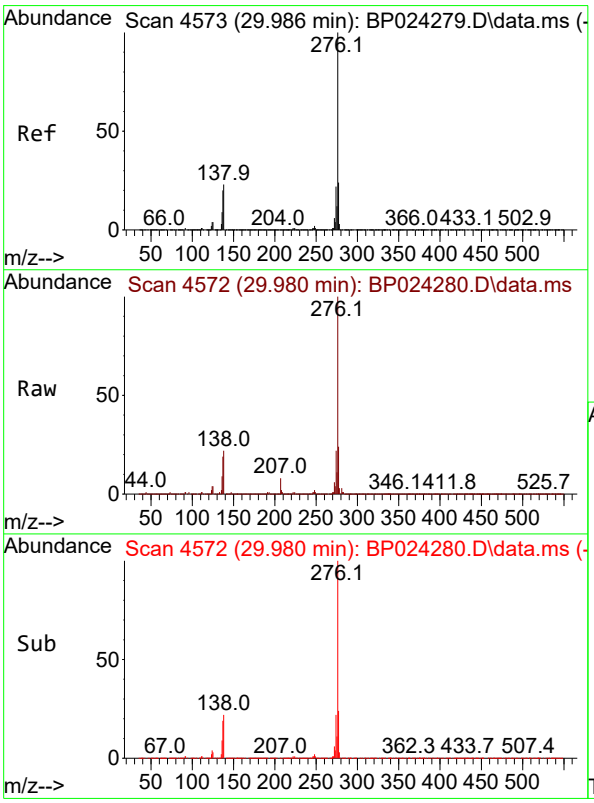
#91
Dibenzo(a,h)anthracene
Concen: 51.084 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 4987219

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.6	19.0
279	24.0	18.5	27.7

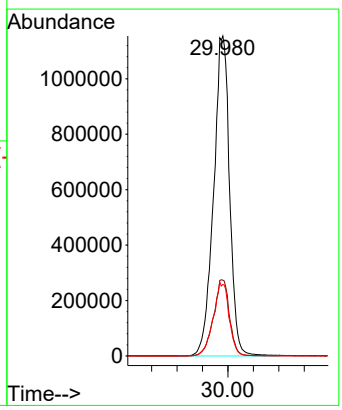




#92
Benzo(g,h,i)perylene
Concen: 50.656 ng
RT: 29.980 min Scan# 4572
Delta R.T. -0.006 min
Lab File: BP024280.D
Acq: 14 Apr 2025 15:10

Tgt Ion:276 Resp: 5033807

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	22.4	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	283549	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1206231	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	777459	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1536805	20.000	ng		0.00
76) Chrysene-d12	21.621	240	1596148	20.000	ng		0.00
86) Perylene-d12	24.986	264	1858365	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2173071	126.481	ng		0.00
7) Phenol-d6	6.916	99	3009690	128.049	ng		0.00
23) Nitrobenzene-d5	8.881	82	2579126	121.729	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	1382037	129.818	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	5835791	113.964	ng		0.00
79) Terphenyl-d14	19.898	244	9228969	115.262	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	417124	56.869	ng		100
3) Pyridine	3.687	79	1176097m	61.599	ng		
4) n-Nitrosodimethylamine	3.599	42	391176	61.443	ng		99
6) Aniline	7.069	93	1214636	57.245	ng		100
8) 2-Chlorophenol	7.305	128	1190812	62.021	ng		99
9) Benzaldehyde	6.881	77	617878	50.755	ng		99
10) Phenol	6.946	94	1513303	64.123	ng		99
11) bis(2-Chloroethyl)ether	7.163	93	1155297	60.579	ng		100
12) 1,3-Dichlorobenzene	7.622	146	1218832	58.589	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1244205	58.981	ng		100
14) 1,2-Dichlorobenzene	8.081	146	1199988	58.830	ng		100
15) Benzyl Alcohol	7.975	79	1002308	66.533	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1187992	57.259	ng		99
17) 2-Methylphenol	8.175	107	978531	64.342	ng		99
18) Hexachloroethane	8.804	117	453349	59.545	ng		98
19) n-Nitroso-di-n-propyla...	8.534	70	883042	60.486	ng		99
20) 3+4-Methylphenols	8.499	107	1367005	64.895	ng		99
22) Acetophenone	8.546	105	1792666	59.797	ng	#	99
24) Nitrobenzene	8.922	77	1276229	60.775	ng		100
25) Isophorone	9.446	82	2365423	61.842	ng		99
26) 2-Nitrophenol	9.628	139	690735	68.504	ng		99
27) 2,4-Dimethylphenol	9.693	122	826335	64.660	ng		98
28) bis(2-Chloroethoxy)met...	9.922	93	1539129	59.124	ng		99
29) 2,4-Dichlorophenol	10.157	162	1124170	64.543	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1138896	60.440	ng		99
31) Naphthalene	10.557	128	3790924	59.373	ng		99
32) Benzoic acid	9.869	122	1032910m	74.795	ng		
33) 4-Chloroaniline	10.675	127	1372601	61.527	ng		100
34) Hexachlorobutadiene	10.845	225	660129	59.719	ng		99
35) Caprolactam	11.475	113	437691	68.445	ng		99
36) 4-Chloro-3-methylphenol	11.804	107	1314421	64.762	ng		98
37) 2-Methylnaphthalene	12.169	142	2676555	60.487	ng		99
38) 1-Methylnaphthalene	12.387	142	2599119	59.960	ng		100
40) 1,2,4,5-Tetrachloroben...	12.540	216	1281552	59.981	ng		100
41) Hexachlorocyclopentadiene	12.522	237	459486	61.257	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	909999	64.732	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	1017414	65.306	ng	99
46) 1,1'-Biphenyl	13.187	154	3330176	58.001	ng	99
47) 2-Chloronaphthalene	13.228	162	2542212	59.336	ng	99
48) 2-Nitroaniline	13.439	65	781584	66.042	ng	98
49) Acenaphthylene	14.087	152	4111553	61.143	ng	99
50) Dimethylphthalate	13.828	163	3404463	60.022	ng	100
51) 2,6-Dinitrotoluene	13.939	165	764810	63.998	ng	98
52) Acenaphthene	14.434	154	2516981	58.858	ng	99
53) 3-Nitroaniline	14.275	138	793796	64.022	ng	99
54) 2,4-Dinitrophenol	14.486	184	490497	76.655	ng	97
55) Dibenzofuran	14.775	168	4124640	58.810	ng	100
56) 4-Nitrophenol	14.598	139	754038	70.748	ng	99
57) 2,4-Dinitrotoluene	14.739	165	1079633	66.836	ng	98
58) Fluorene	15.434	166	3184960	58.817	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	909497	63.097	ng	100
60) Diethylphthalate	15.204	149	3495577	59.879	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	1563042	59.442	ng	99
62) 4-Nitroaniline	15.457	138	886163	67.414	ng	98
63) Azobenzene	15.728	77	3229873	60.070	ng	98
65) 4,6-Dinitro-2-methylph...	15.516	198	647253	72.083	ng	94
66) n-Nitrosodiphenylamine	15.651	169	2805137	60.874	ng	100
67) 4-Bromophenyl-phenylether	16.339	248	1038071	61.926	ng	98
68) Hexachlorobenzene	16.457	284	1239550	62.200	ng	97
70) Pentachlorophenol	16.816	266	936562	68.445	ng	100
71) Phenanthrene	17.222	178	4988840	59.209	ng	99
72) Anthracene	17.310	178	4938117	60.907	ng	99
73) Carbazole	17.592	167	4780408	60.584	ng	99
74) Di-n-butylphthalate	18.186	149	6167206	62.730	ng	100
75) Fluoranthene	19.304	202	6009748	60.092	ng	98
77) Benzidine	19.504	184	1446166	73.401	ng	100
78) Pyrene	19.680	202	6250781	61.204	ng	100
80) Butylbenzylphthalate	20.621	149	2840001	65.961	ng	98
81) Benzo(a)anthracene	21.604	228	6002059	60.318	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	2323294	67.333	ng	100
83) Chrysene	21.674	228	5714775	59.924	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4153128	65.497	ng	99
85) Di-n-octyl phthalate	22.839	149	7116217	70.060	ng	99
87) Indeno(1,2,3-cd)pyrene	28.821	276	8057576m	63.043	ng	
88) Benzo(b)fluoranthene	23.927	252	6715444	60.400	ng	99
89) Benzo(k)fluoranthene	24.004	252	6500782	60.244	ng	99
90) Benzo(a)pyrene	24.827	252	5964163	62.316	ng	99
91) Dibenzo(a,h)anthracene	28.892	278	6614173	62.214	ng	98
92) Benzo(g,h,i)perylene	30.003	276	6740929	62.294	ng	98

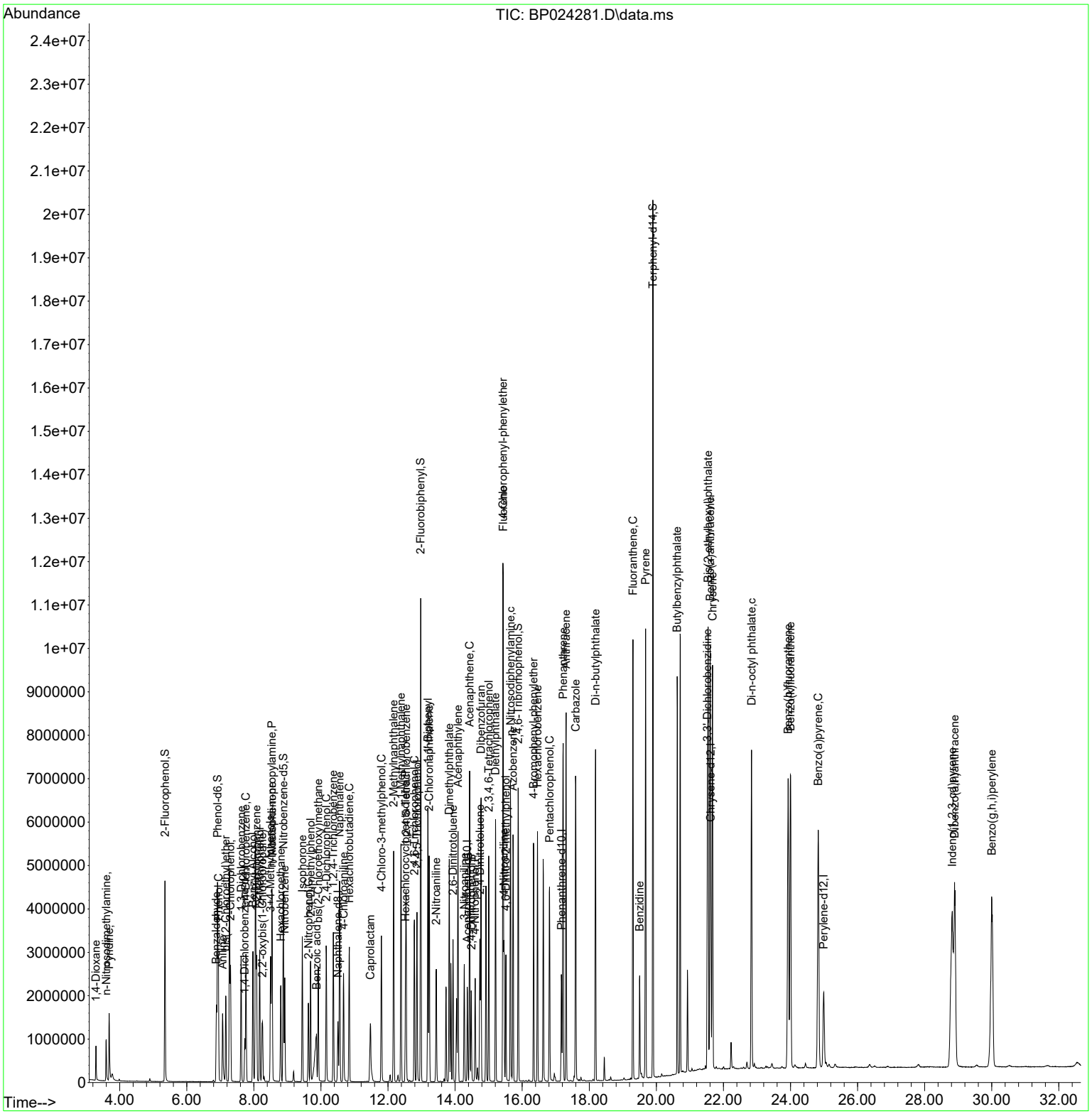
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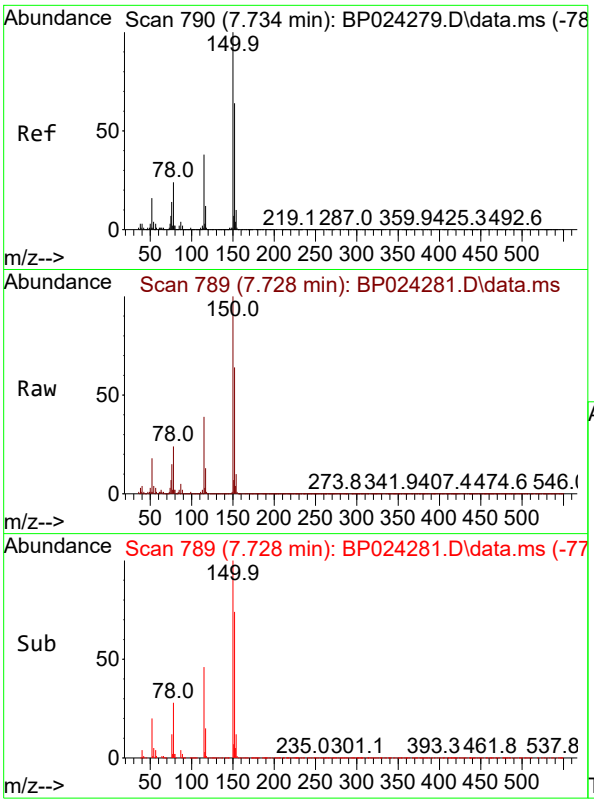
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024281.D
Acq On : 14 Apr 2025 16:32
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Apr 14 17:27:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



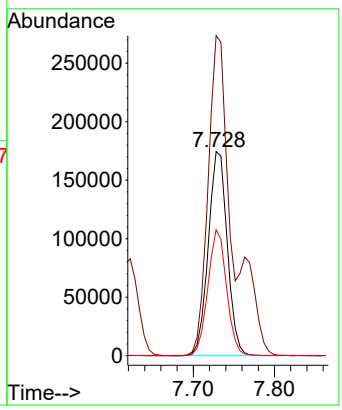


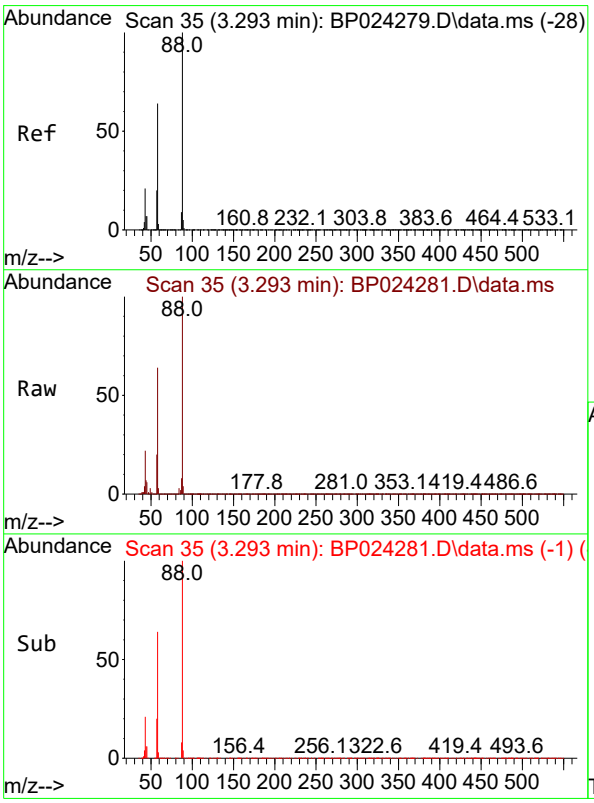
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 283549

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	61.7	47.7	71.5

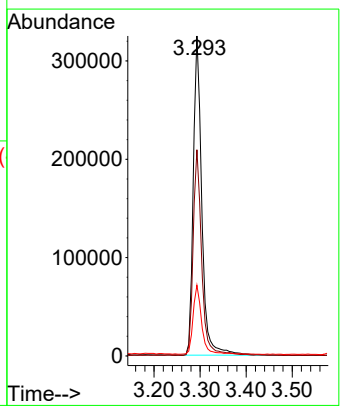


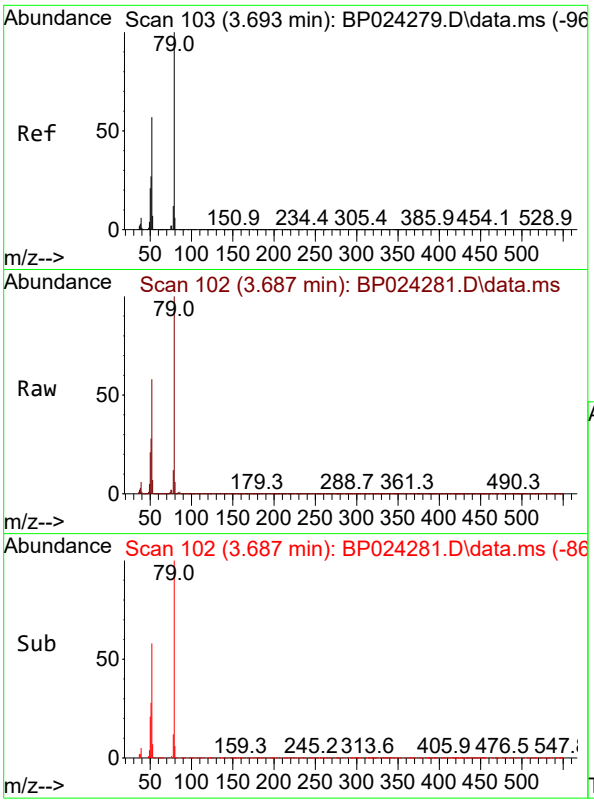


#2
1,4-Dioxane
Concen: 56.869 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 88 Resp: 417124

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.4	17.1	25.7



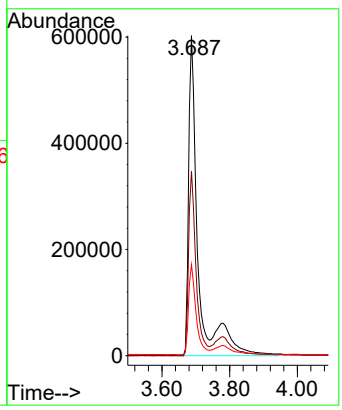


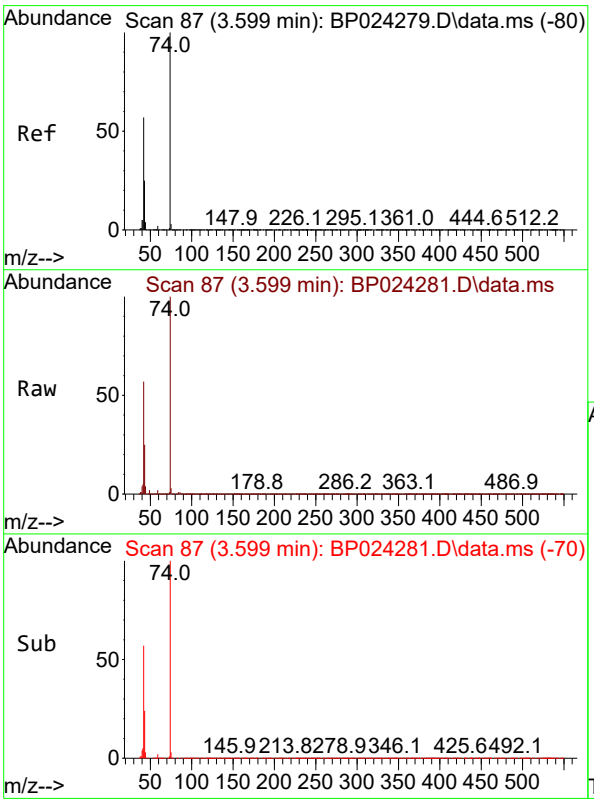
#3
Pyridine
Concen: 61.599 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1176097

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.4	22.6	33.8

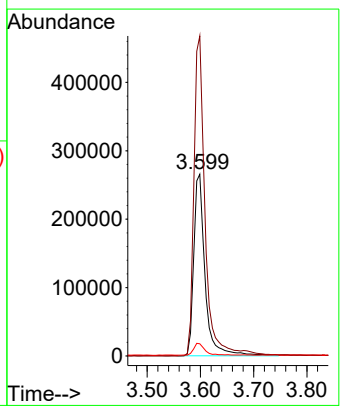


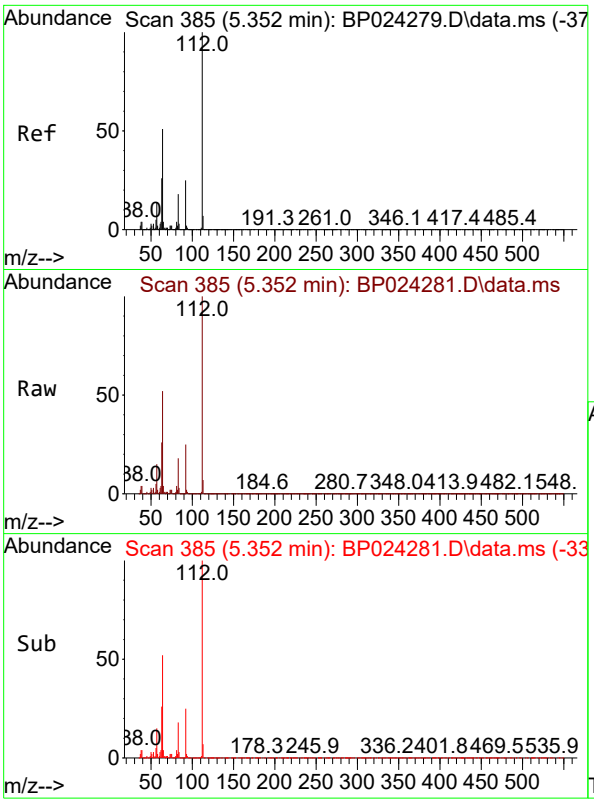


#4
n-Nitrosodimethylamine
Concen: 61.443 ng
RT: 3.599 min Scan# 87
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 42 Resp: 391176

Ion	Ratio	Lower	Upper
42	100		
74	176.0	139.5	209.3
44	6.7	5.8	8.8



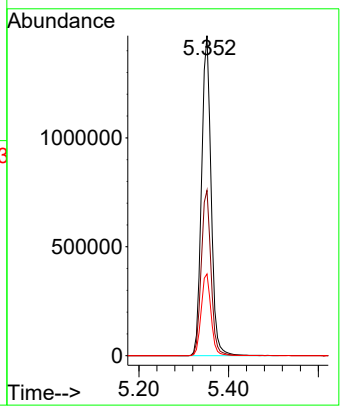


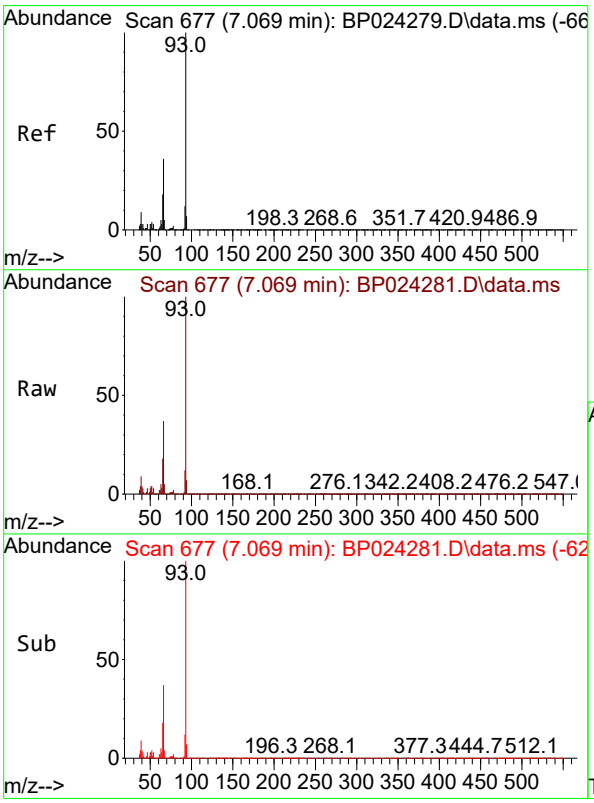
#5
2-Fluorophenol
Concen: 126.481 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 2173071

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	25.5	20.6	30.8

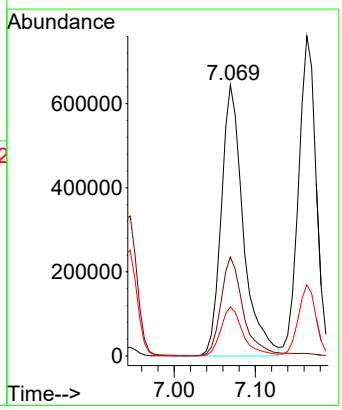


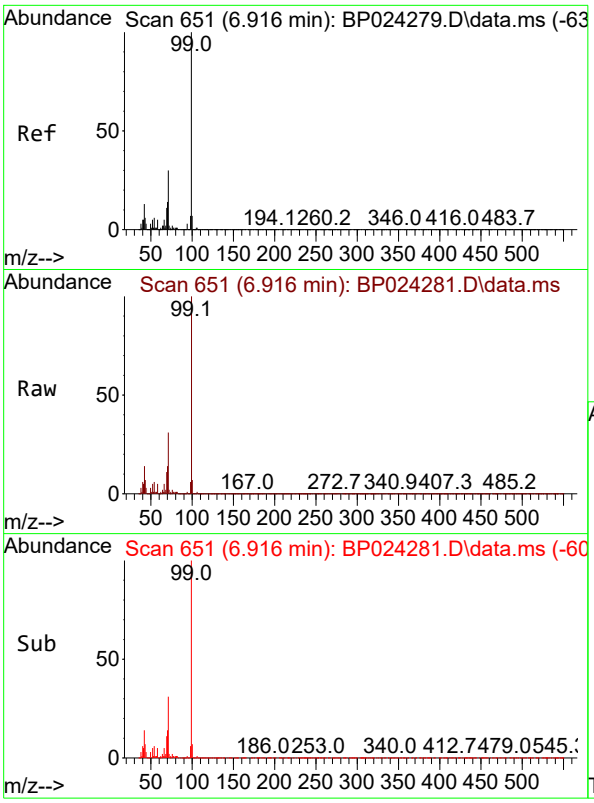


#6
Aniline
Concen: 57.245 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1214636

Ion	Ratio	Lower	Upper
93	100		
66	36.6	29.1	43.7
65	18.1	14.7	22.1



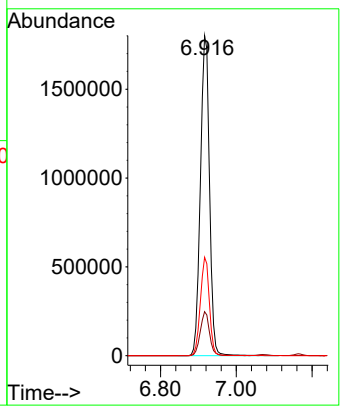


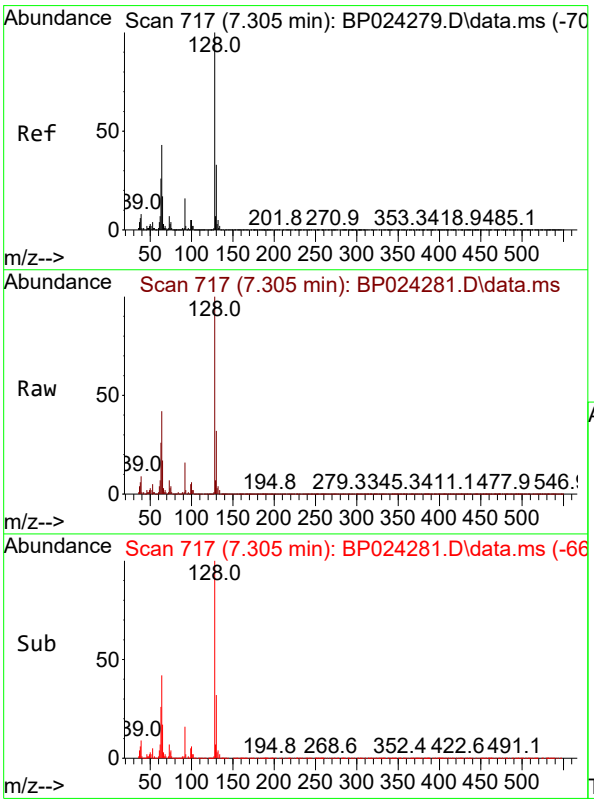
#7
Phenol-d6
Concen: 128.049 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 3009690

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	16.0
71	30.8	23.7	35.5

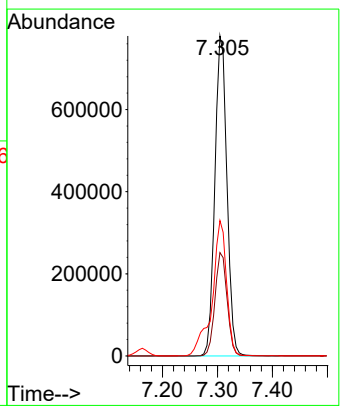


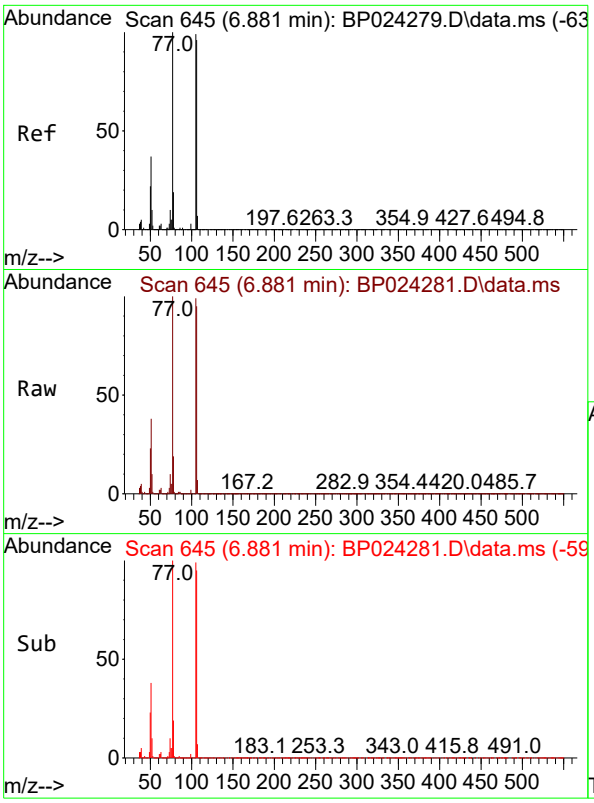


#8
2-Chlorophenol
Concen: 62.021 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:128 Resp: 1190812

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	42.3	22.7	62.7



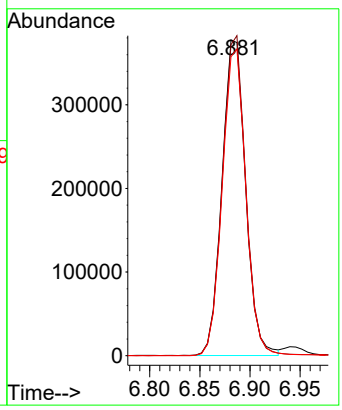


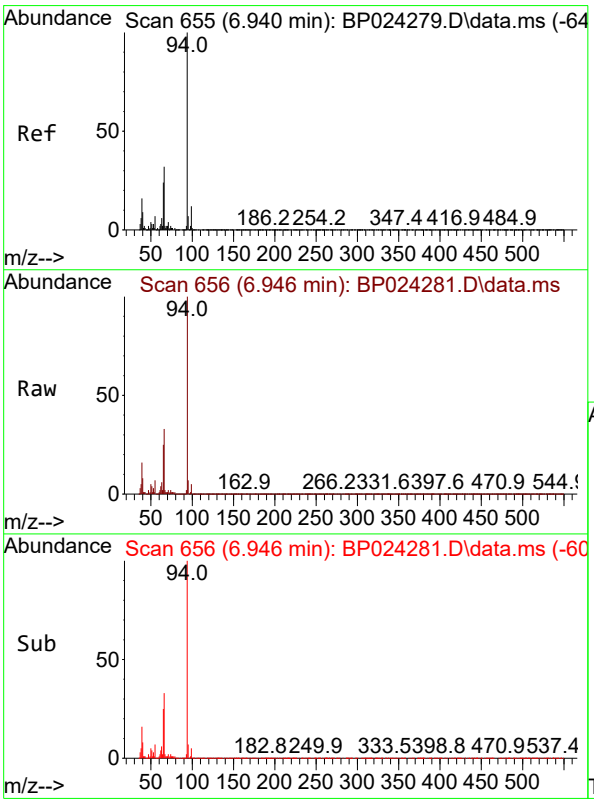
#9
Benzaldehyde
Concen: 50.755 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 617878

Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.2	119.2
106	94.7	76.2	116.2

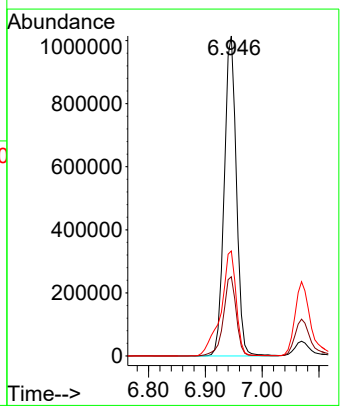


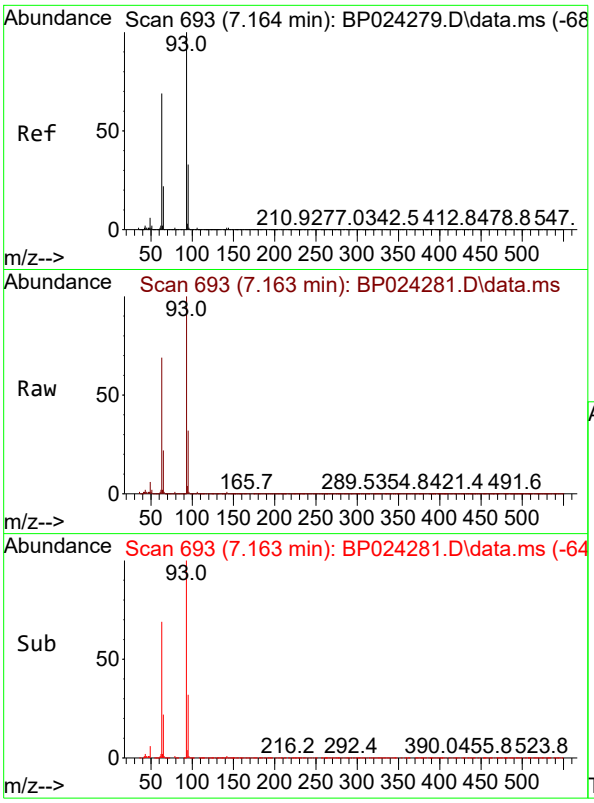


#10
Phenol
Concen: 64.123 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 94 Resp: 1513303

Ion	Ratio	Lower	Upper
94	100		
65	24.8	4.5	44.5
66	32.8	12.4	52.4



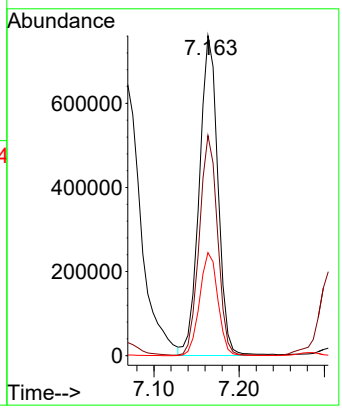


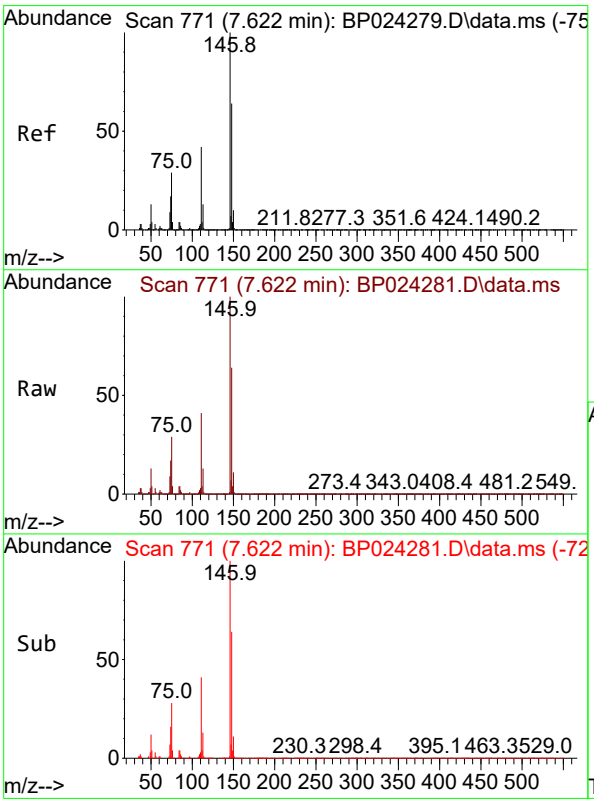
#11
bis(2-Chloroethyl)ether
Concen: 60.579 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1155297

Ion	Ratio	Lower	Upper
93	100		
63	68.8	48.6	88.6
95	32.2	12.3	52.3

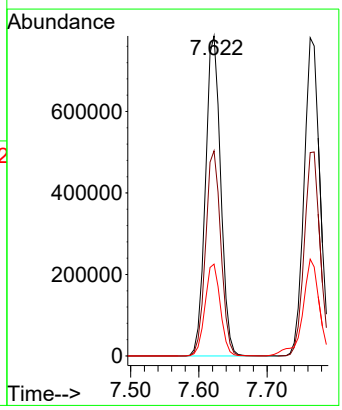


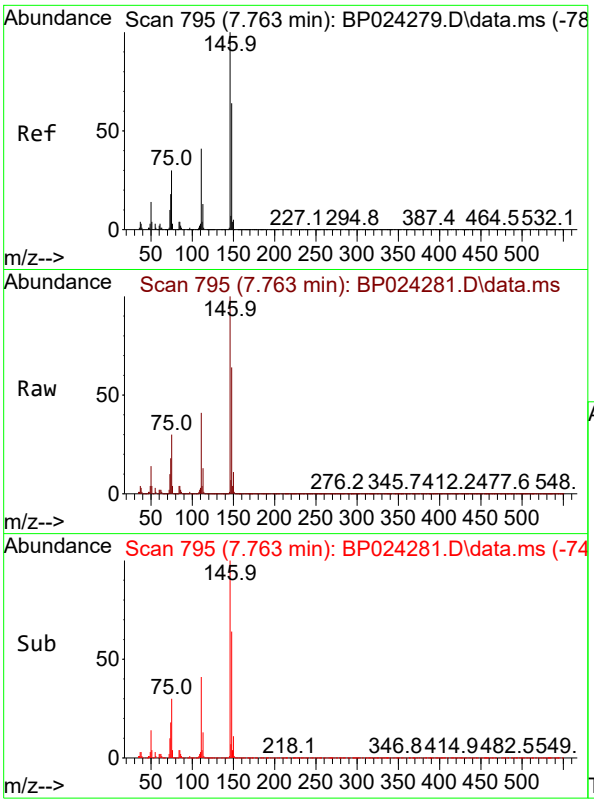


#12
1,3-Dichlorobenzene
Concen: 58.589 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1218832

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	28.7	22.9	34.3



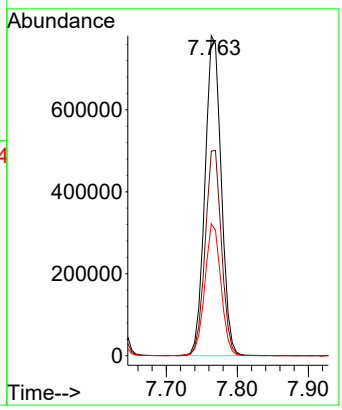


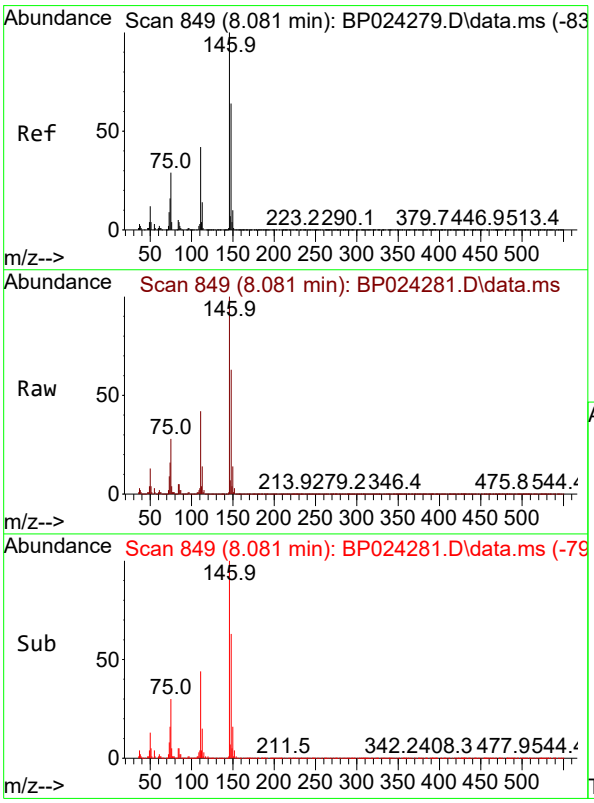
#13
1,4-Dichlorobenzene
Concen: 58.981 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 1244205

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	41.2	32.6	48.8

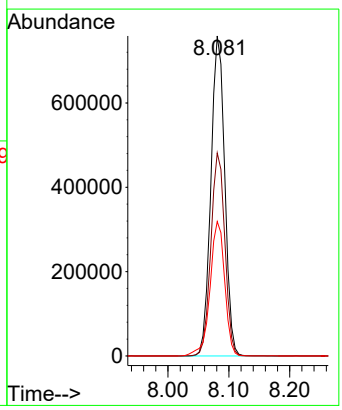


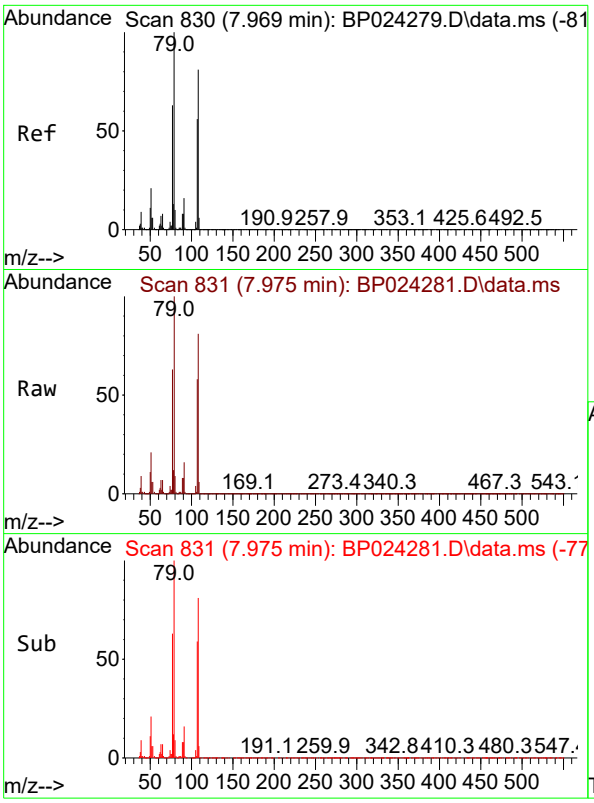


#14
1,2-Dichlorobenzene
Concen: 58.830 ng
RT: 8.081 min Scan# 849
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:146 Resp: 1199988

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.4
111	42.0	33.8	50.8



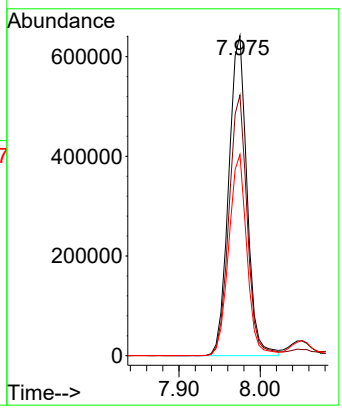


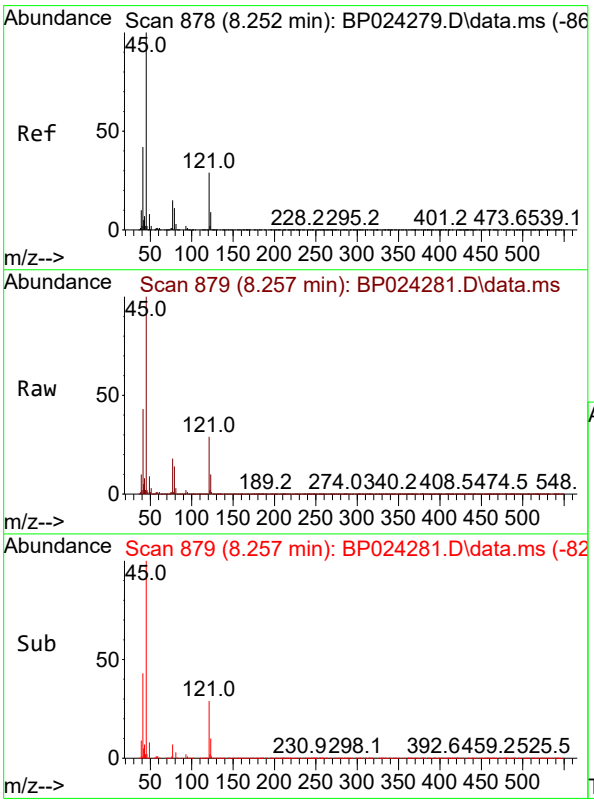
#15
Benzyl Alcohol
Concen: 66.533 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 1002308

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	62.9	50.7	76.1

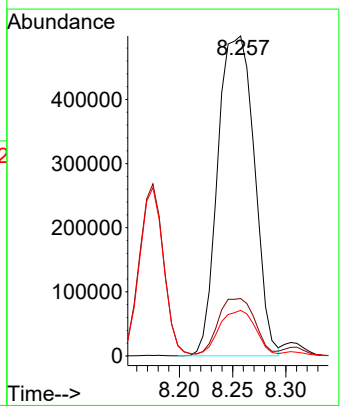


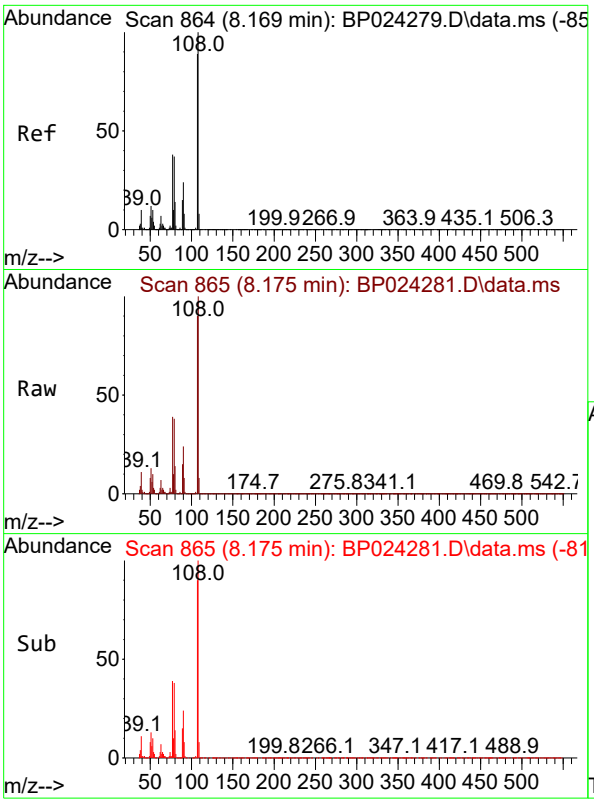


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.259 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 45 Resp: 1187992

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.7
79	14.3	0.0	33.5



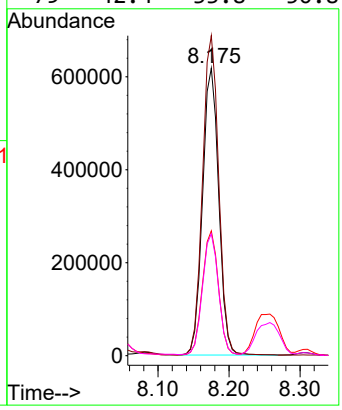


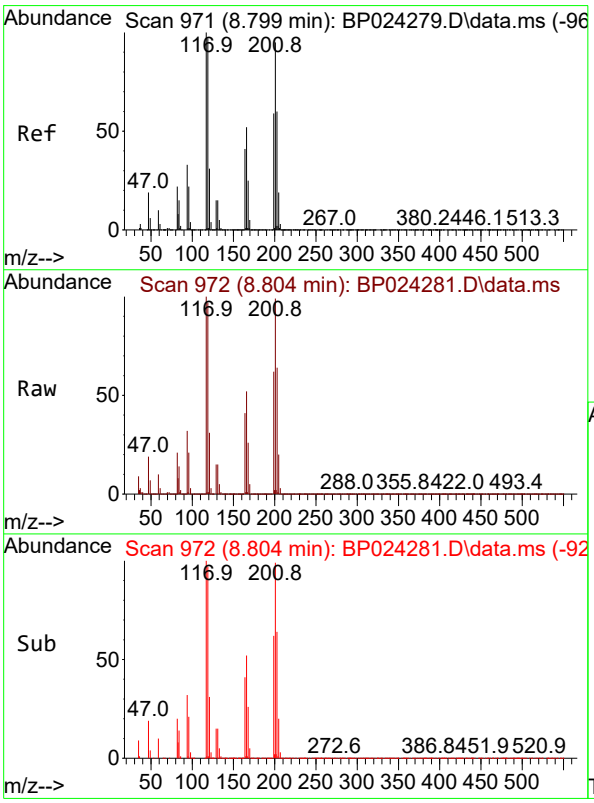
#17
2-Methylphenol
Concen: 64.342 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 978531

Ion	Ratio	Lower	Upper
107	100		
108	111.3	89.8	134.6
77	43.4	34.2	51.4
79	42.4	33.8	50.8

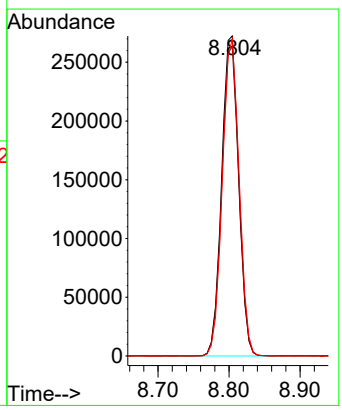


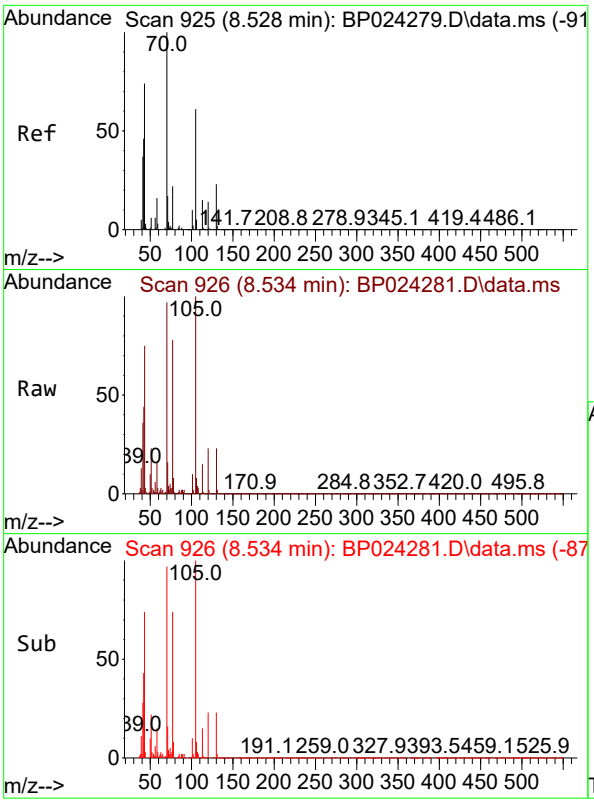


#18
Hexachloroethane
Concen: 59.545 ng
RT: 8.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:117 Resp: 453349

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
201	99.1	75.9	113.9



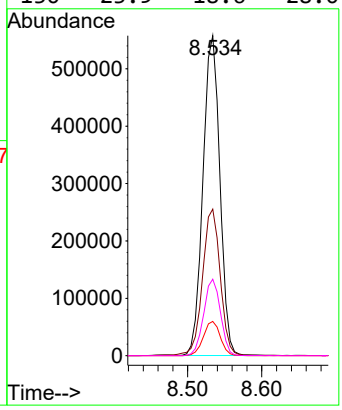


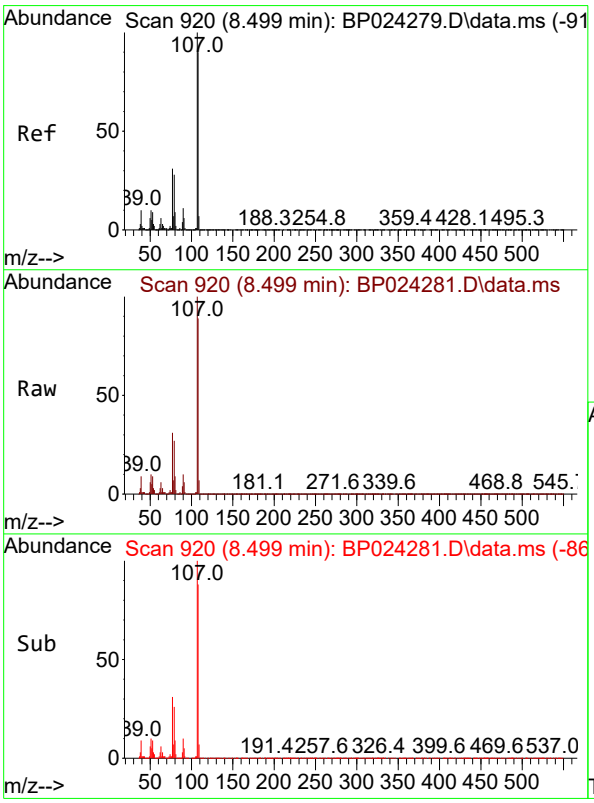
#19
n-Nitroso-di-n-propylamine
Concen: 60.486 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 883042

Ion	Ratio	Lower	Upper
70	100		
42	45.8	37.3	55.9
101	10.7	8.2	12.4
130	23.9	18.6	28.0

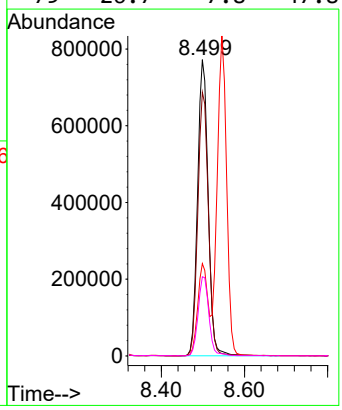


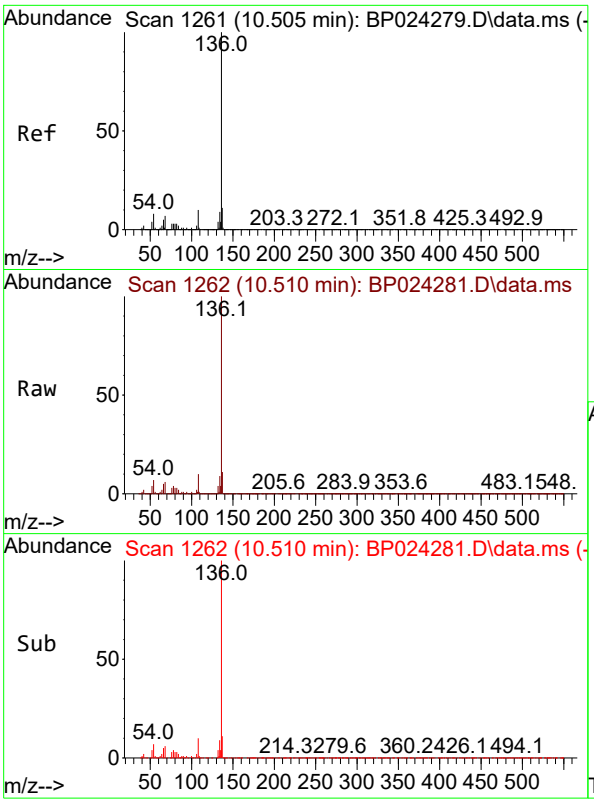


#20
3+4-Methylphenols
Concen: 64.895 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1367005

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	31.1	11.5	51.5
79	26.7	7.8	47.8



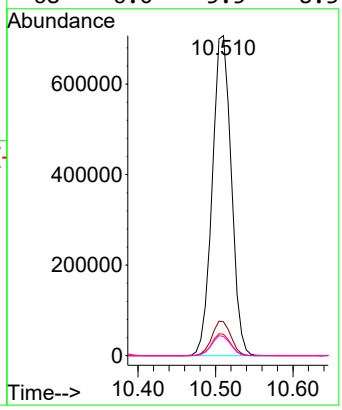


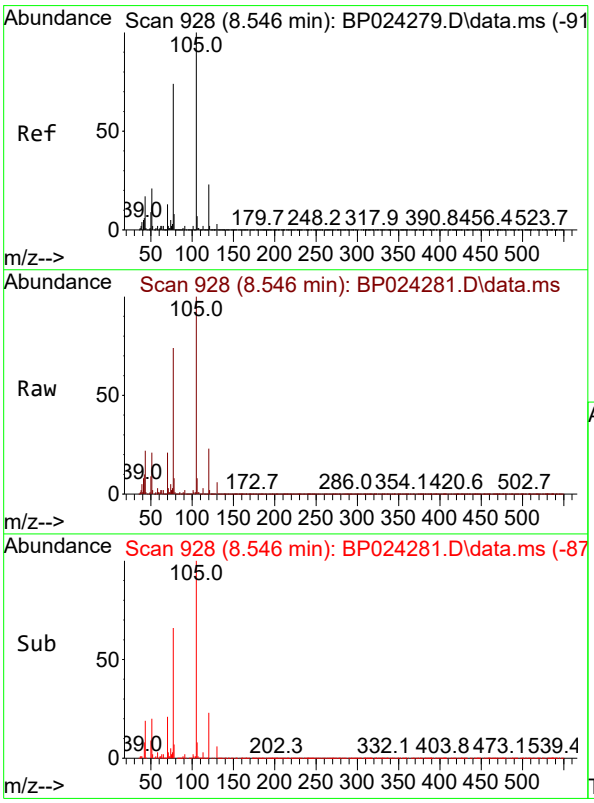
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 1206231

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.7	6.0	9.0
68	6.0	5.5	8.3

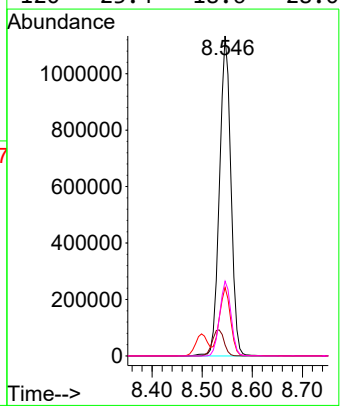


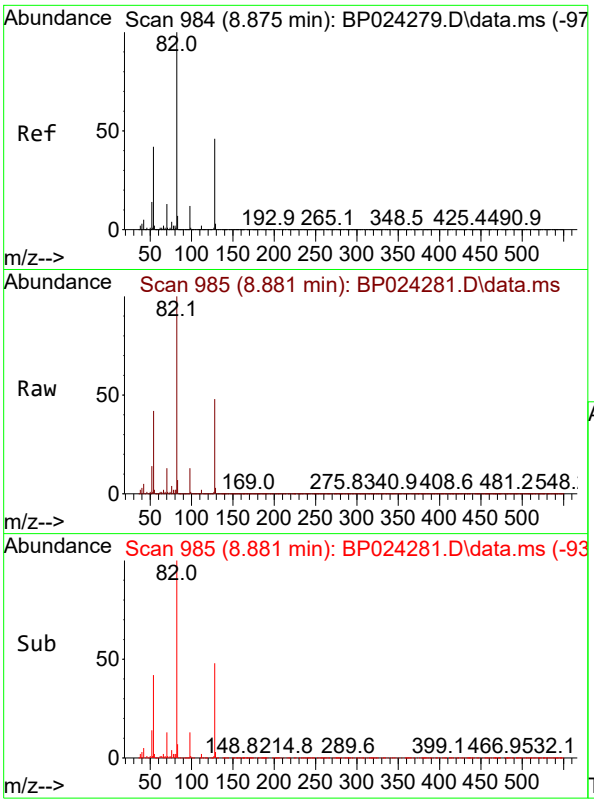


#22
Acetophenone
Concen: 59.797 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:105 Resp: 1792666

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.7	2.5#
51	21.4	16.9	25.3
120	23.4	18.6	28.0



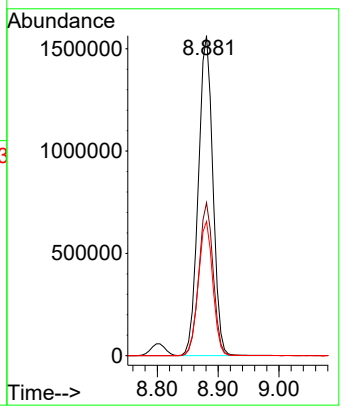


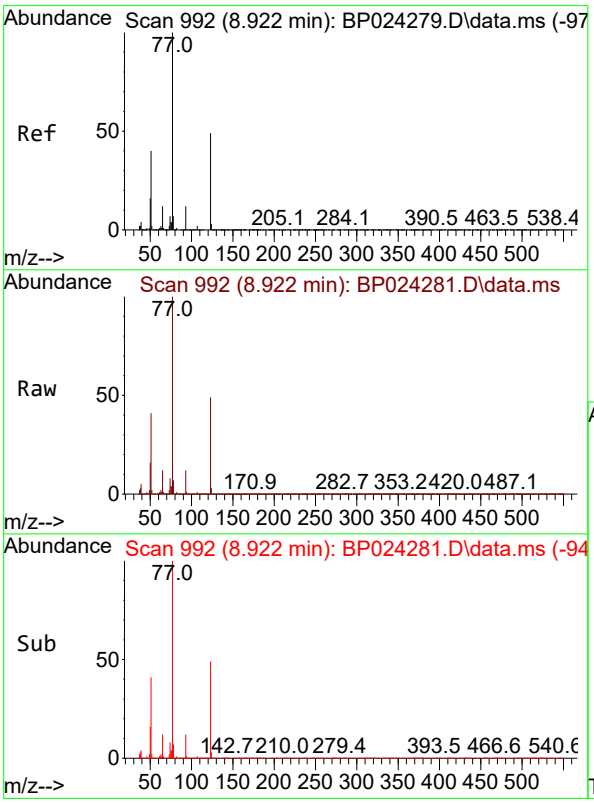
#23
Nitrobenzene-d5
Concen: 121.729 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2579126

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.5	54.7
54	41.9	33.4	50.2

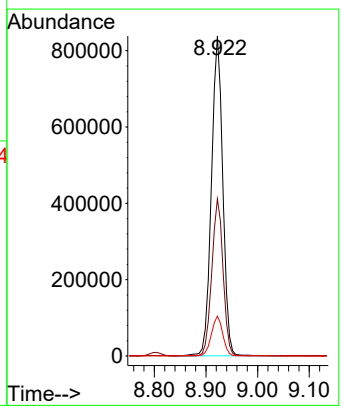


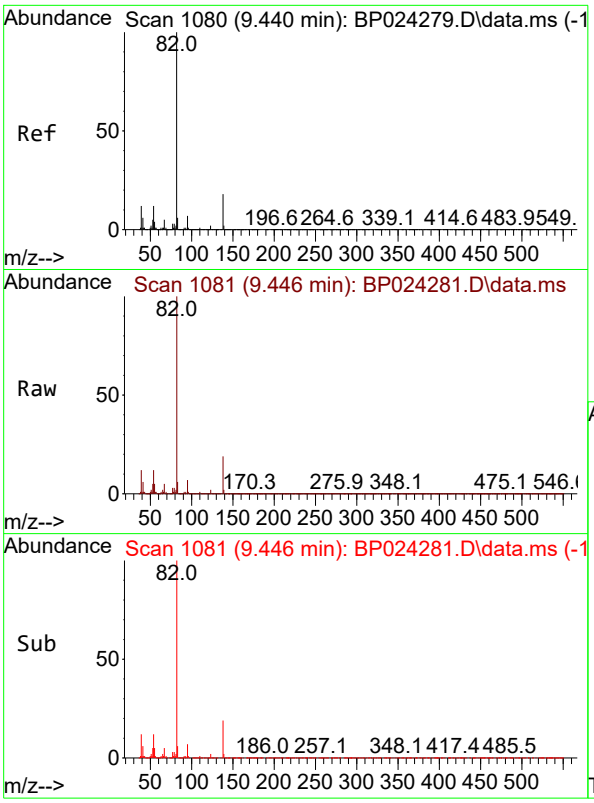


#24
Nitrobenzene
Concen: 60.775 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 77 Resp: 1276229

Ion	Ratio	Lower	Upper
77	100		
123	49.1	39.2	58.8
65	12.4	9.8	14.6



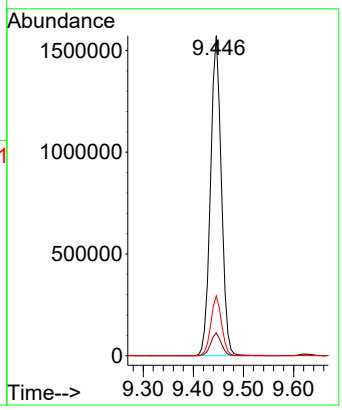


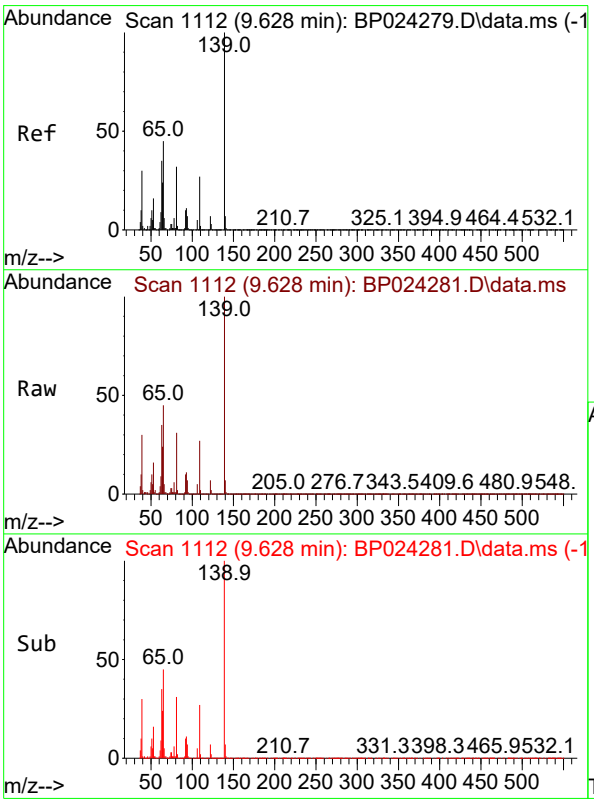
#25
Isophorone
Concen: 61.842 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 2365423

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.7	14.4	21.6

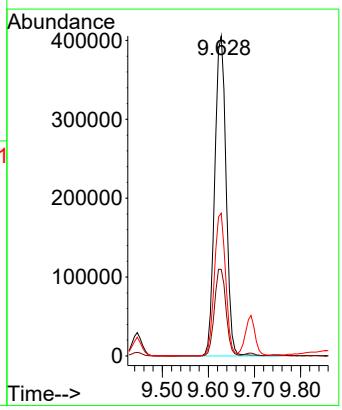


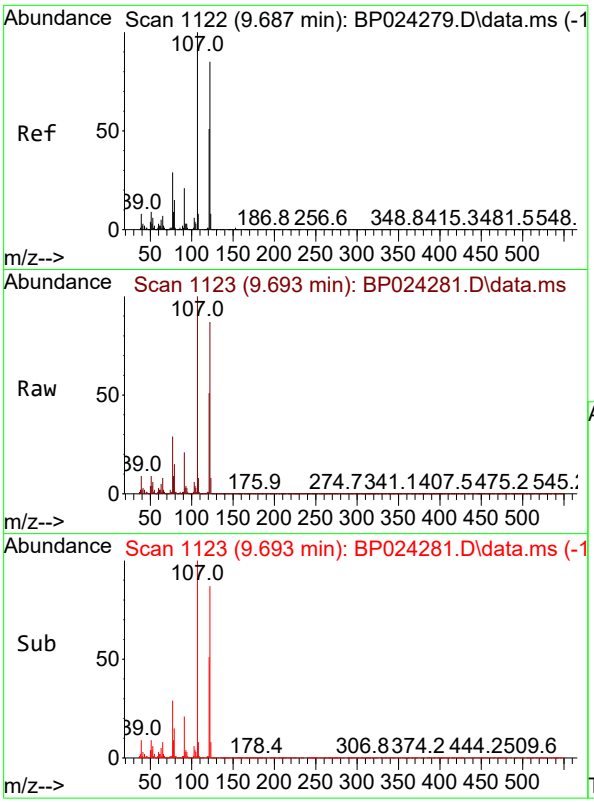


#26
2-Nitrophenol
Concen: 68.504 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 690735

Ion	Ratio	Lower	Upper
139	100		
109	27.1	21.8	32.6
65	44.6	36.2	54.2



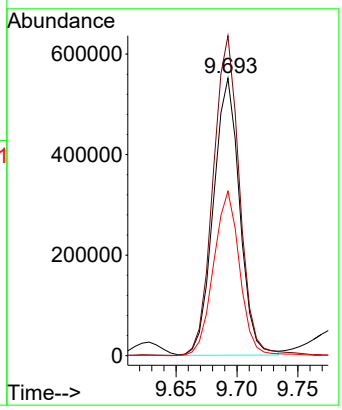


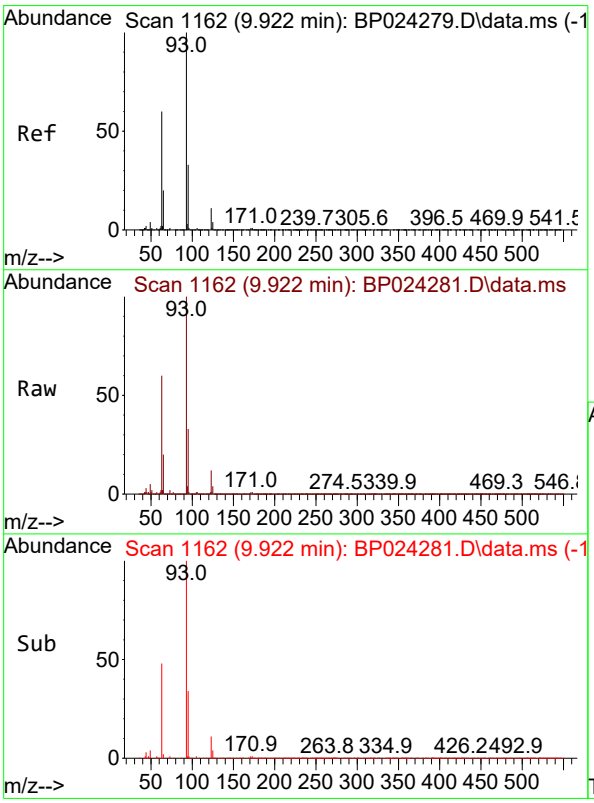
#27
2,4-Dimethylphenol
Concen: 64.660 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 826335

Ion	Ratio	Lower	Upper
122	100		
107	115.3	93.7	140.5
121	59.3	48.2	72.2

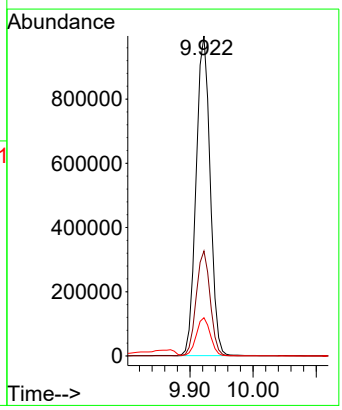


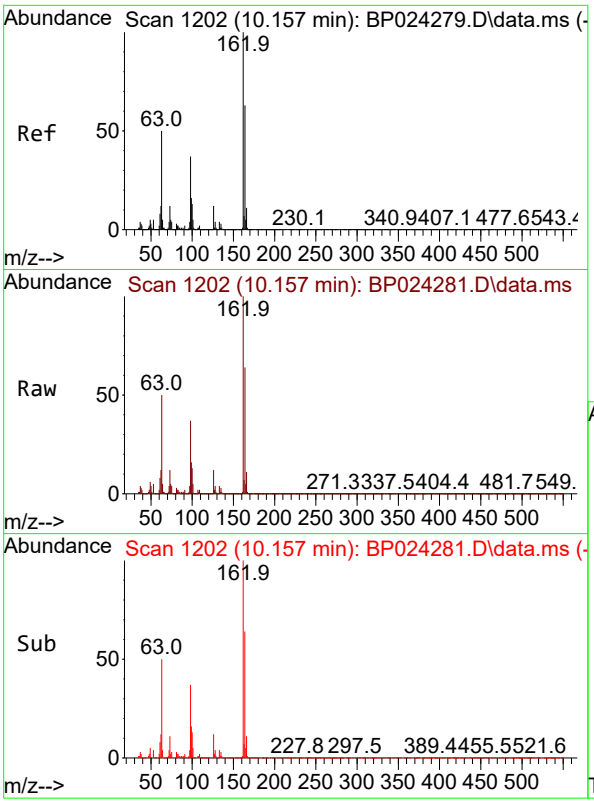


#28
bis(2-Chloroethoxy)methane
Concen: 59.124 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 93 Resp: 1539129

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.9	9.1	13.7



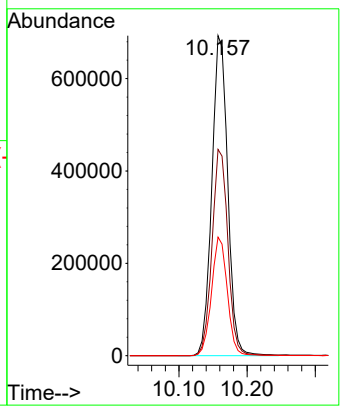


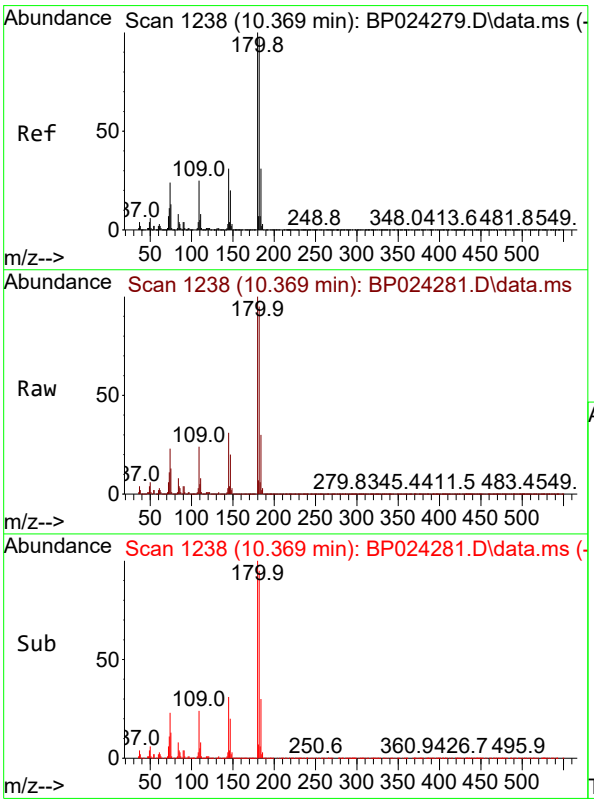
#29
2,4-Dichlorophenol
Concen: 64.543 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1124170

Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.3	83.3
98	37.0	16.6	56.6

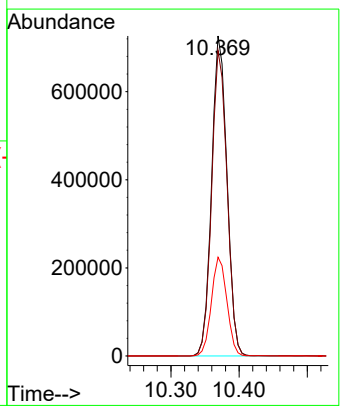


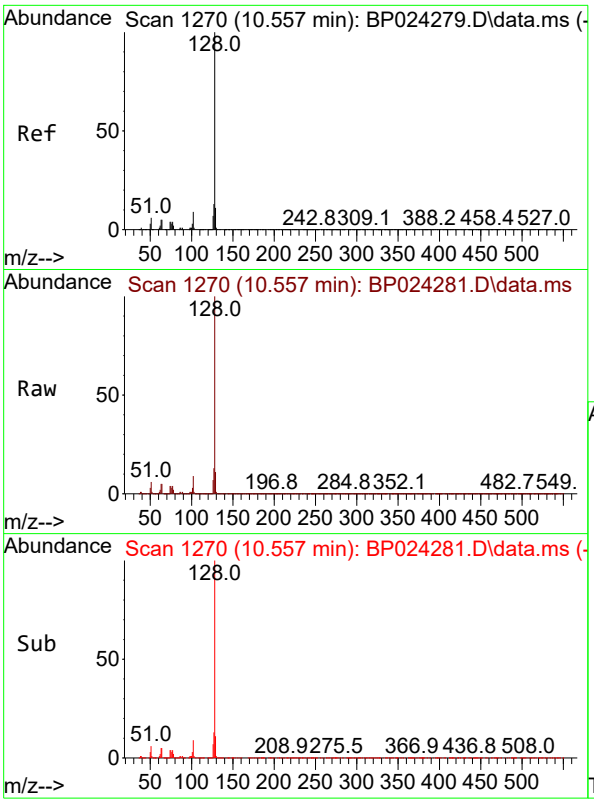


#30
1,2,4-Trichlorobenzene
Concen: 60.440 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:180 Resp: 1138896

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.8	25.1	37.7



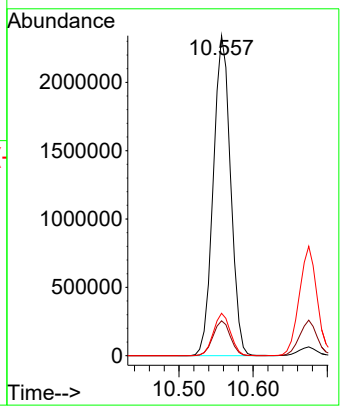


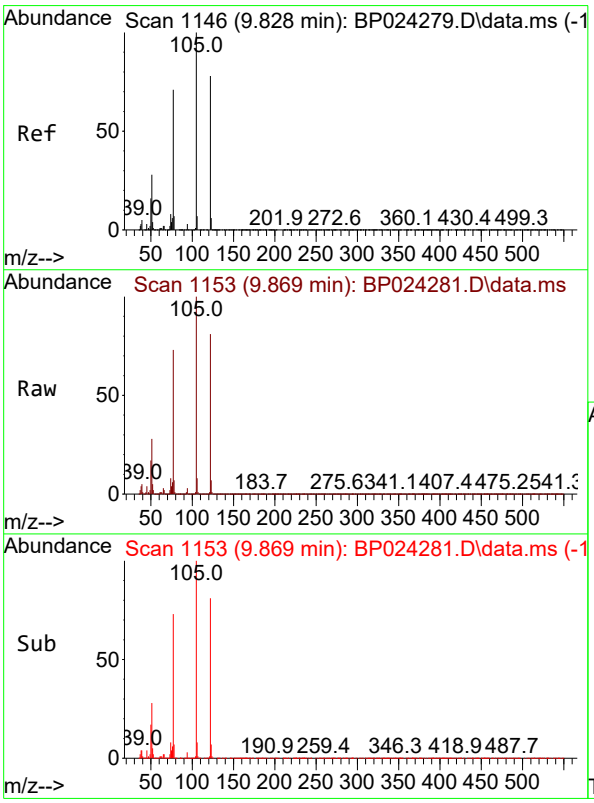
#31
Naphthalene
Concen: 59.373 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 3790924

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.2	10.3	15.5

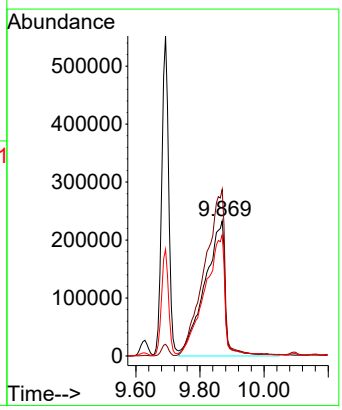


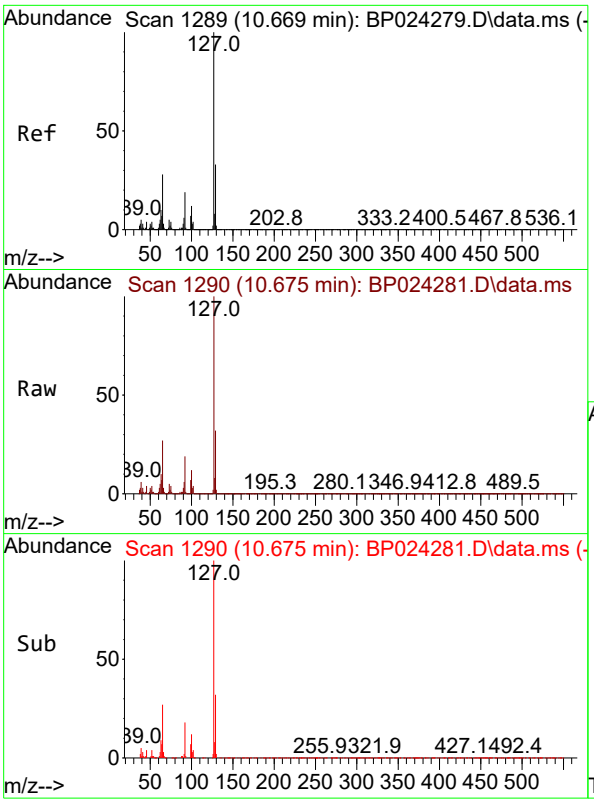


#32
Benzoic acid
Concen: 74.795 ng m
RT: 9.869 min Scan# 1153
Delta R.T. 0.041 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:122 Resp: 1032910

Ion	Ratio	Lower	Upper
122	100		
105	123.4	104.8	144.8
77	89.7	69.2	109.2



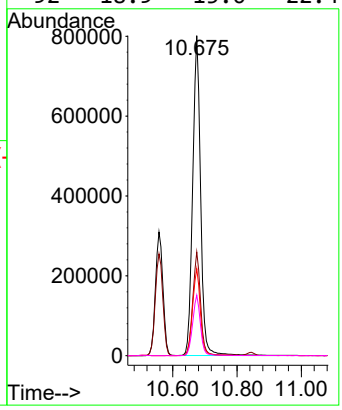


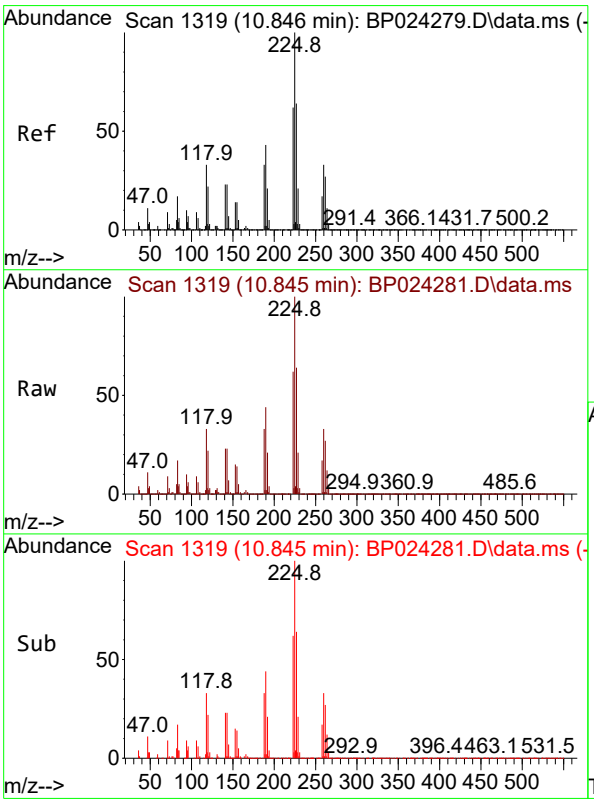
#33
4-Chloroaniline
Concen: 61.527 ng
RT: 10.675 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 1372601

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.2	22.1	33.1
92	18.9	15.0	22.4

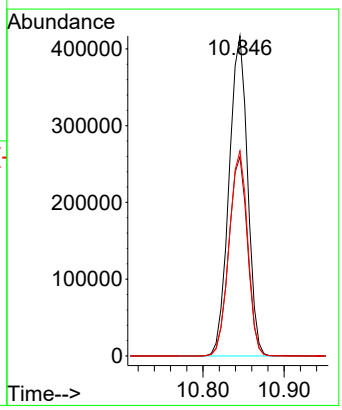


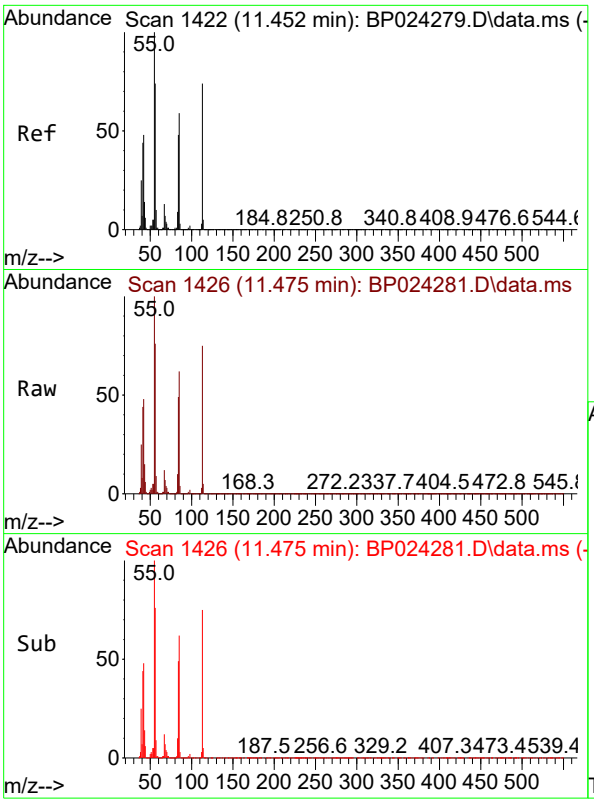


#34
Hexachlorobutadiene
Concen: 59.719 ng
RT: 10.845 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:225 Resp: 660129

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.1	50.9	76.3



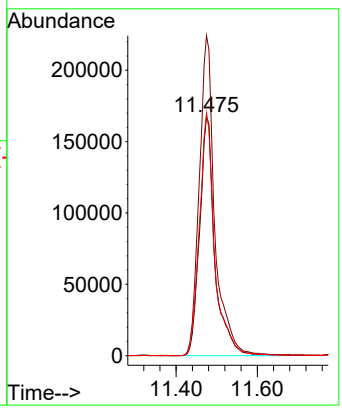


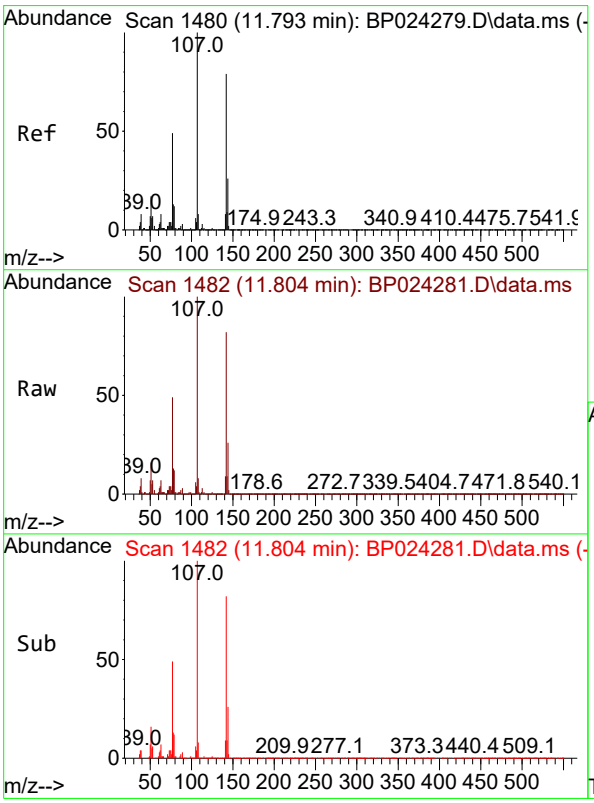
#35
Caprolactam
Concen: 68.445 ng
RT: 11.475 min Scan# 14
Delta R.T. 0.023 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 437691

Ion	Ratio	Lower	Upper
113	100		
55	134.0	115.9	155.9
56	101.6	81.1	121.1

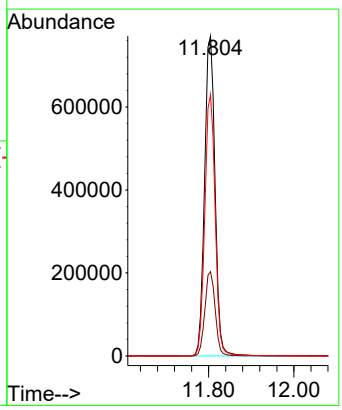


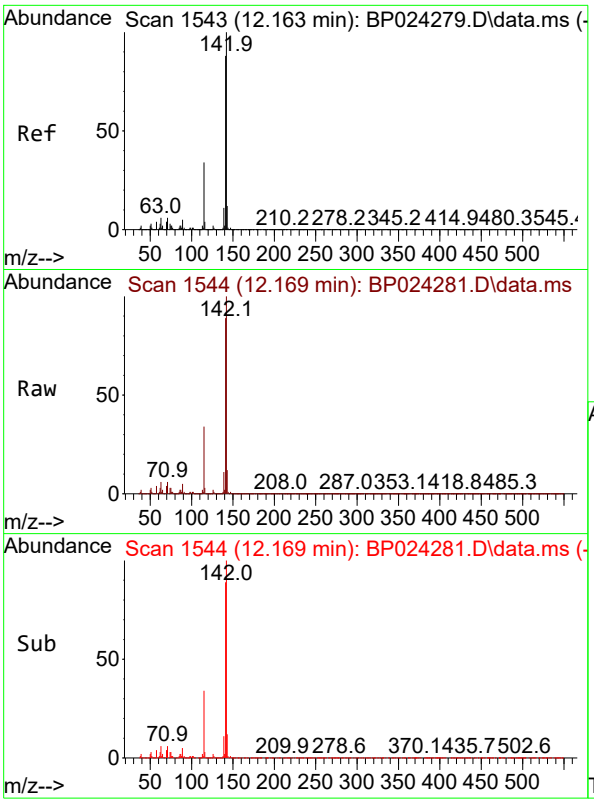


#36
4-Chloro-3-methylphenol
Concen: 64.762 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:107 Resp: 1314421

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	81.7	63.4	95.2



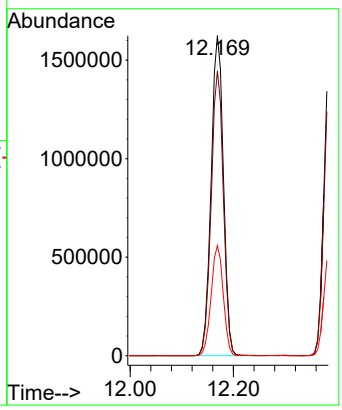


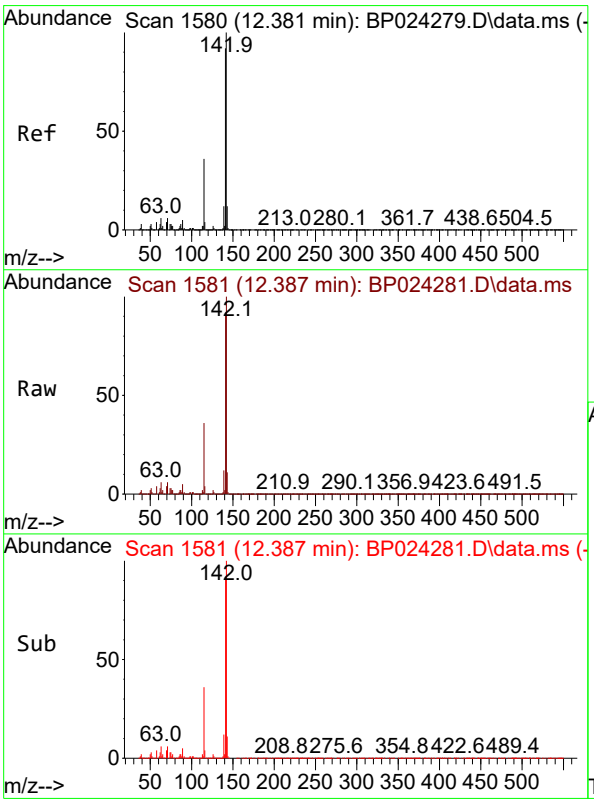
#37
2-Methylnaphthalene
Concen: 60.487 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2676555

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5
115	34.4	26.9	40.3

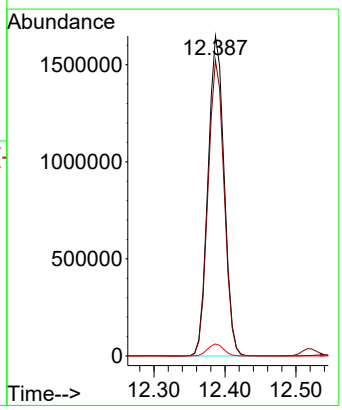


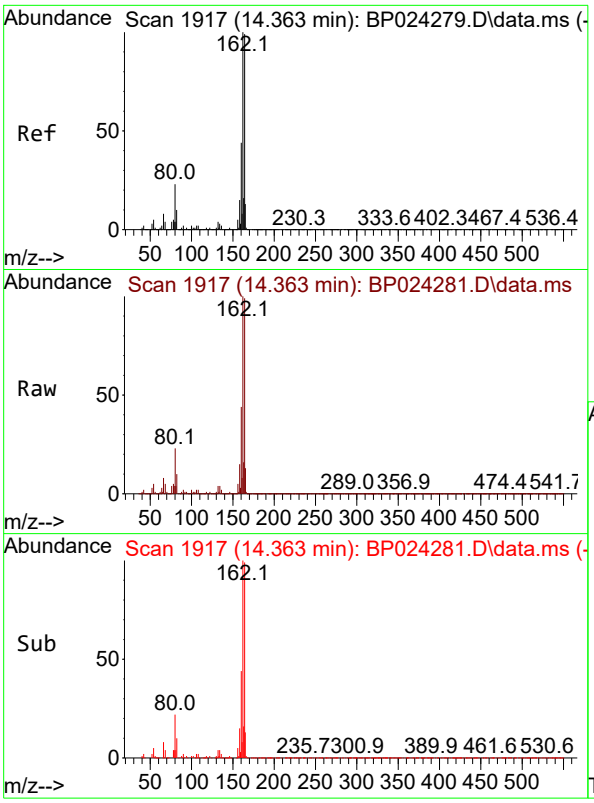


#38
1-Methylnaphthalene
Concen: 59.960 ng
RT: 12.387 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:142 Resp: 2599119

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.6	110.4
116	3.7	3.0	4.6



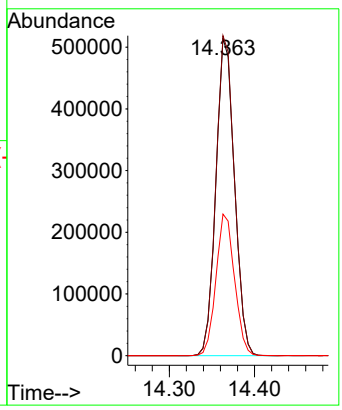


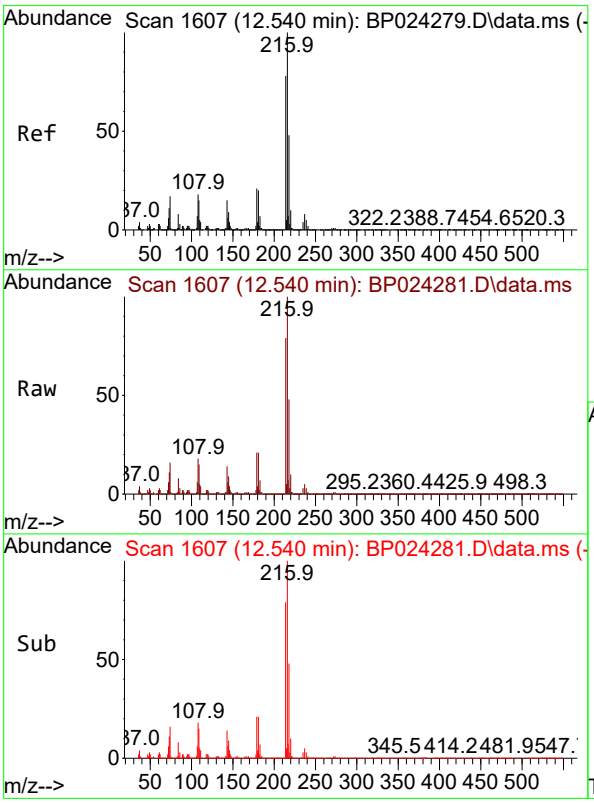
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 777459

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	44.6	35.3	52.9

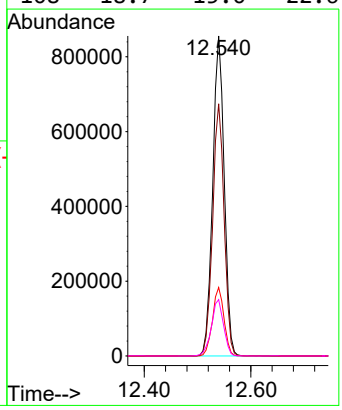


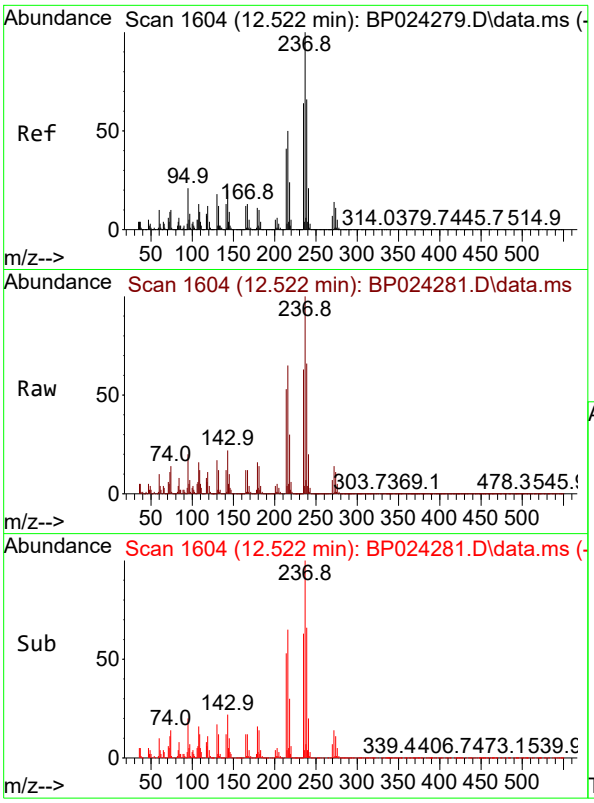


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.981 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:216 Resp: 1281552

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	21.4	17.2	25.8
108	18.7	15.0	22.6



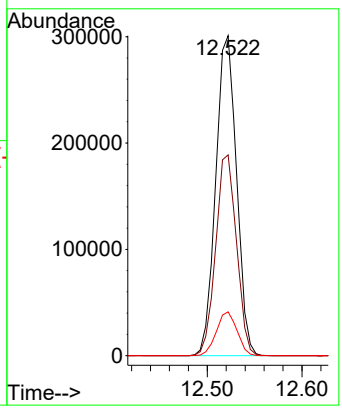


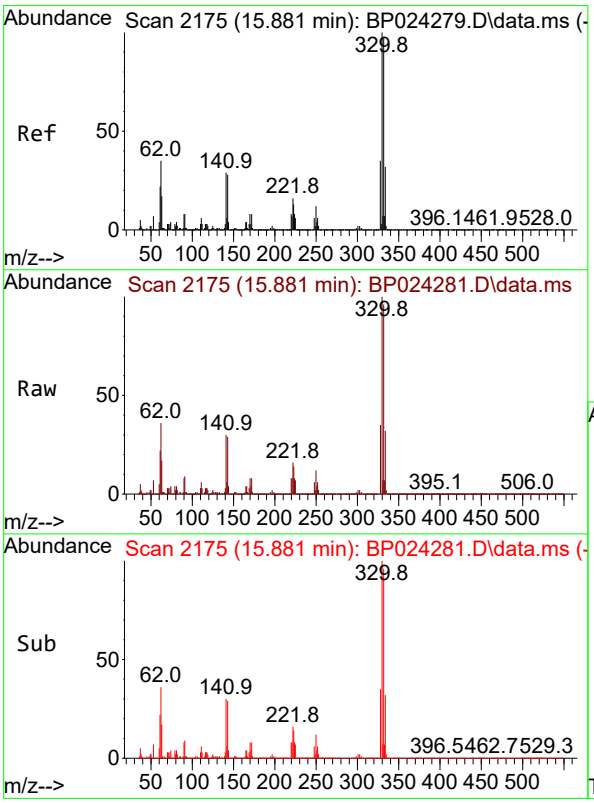
#41
Hexachlorocyclopentadiene
Concen: 61.257 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 459486

Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.9	83.9
272	13.7	0.0	33.6

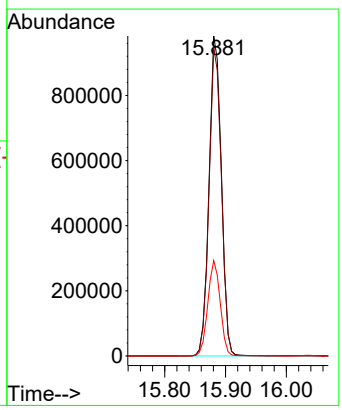


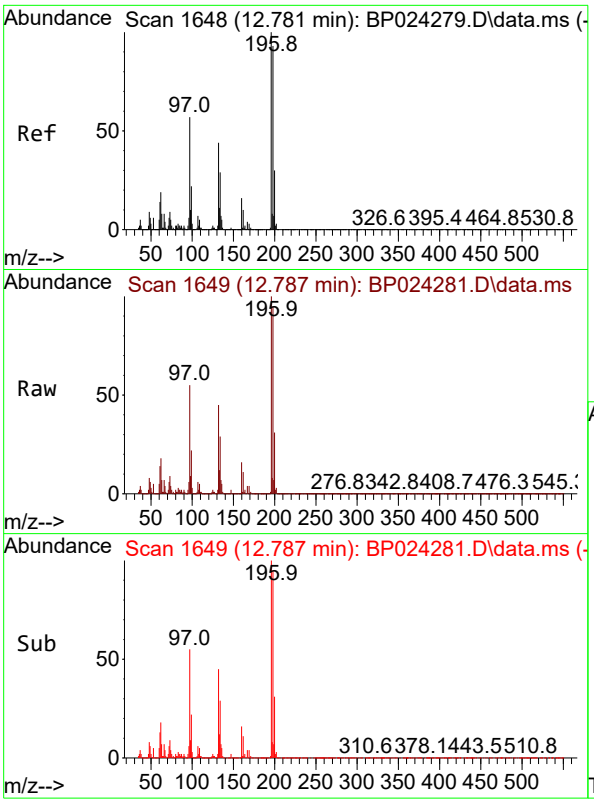


#42
2,4,6-Tribromophenol
Concen: 129.818 ng
RT: 15.881 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:330 Resp: 1382037

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.0	24.7	37.1



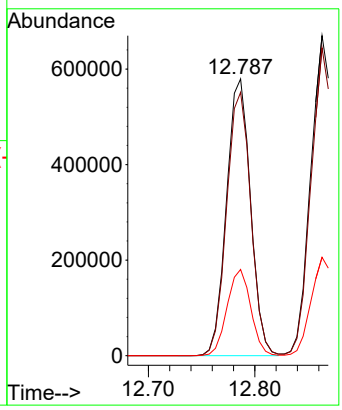


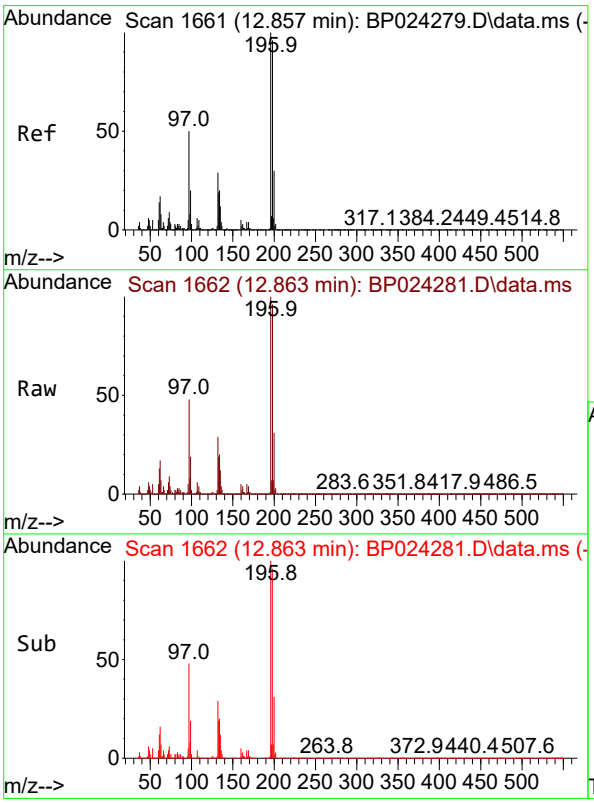
#43
2,4,6-Trichlorophenol
Concen: 64.732 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 909999

Ion	Ratio	Lower	Upper
196	100		
198	95.1	74.3	111.5
200	31.2	24.0	36.0

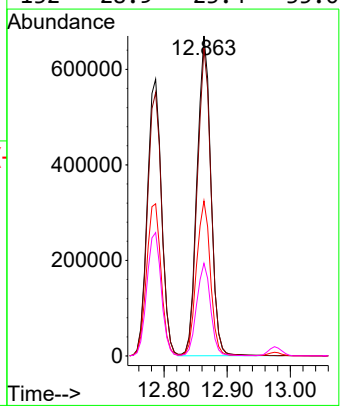


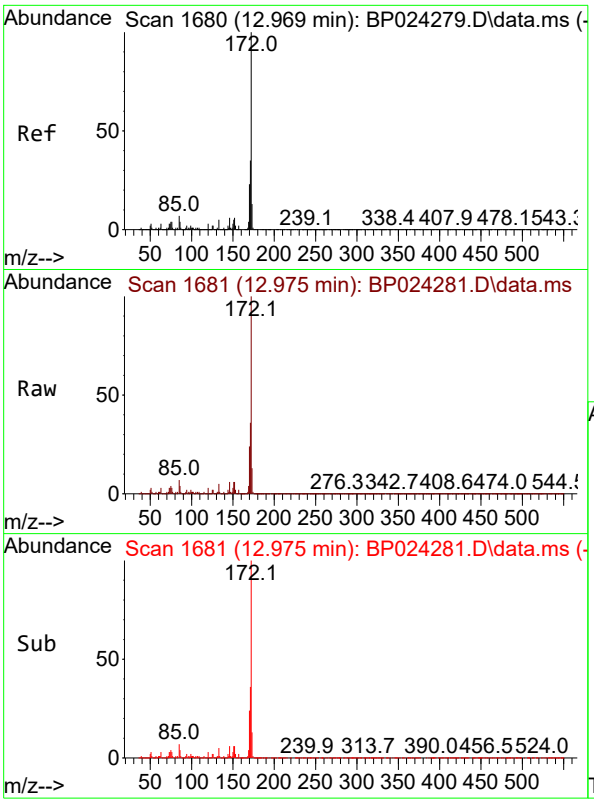


#44
2,4,5-Trichlorophenol
Concen: 65.306 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:196 Resp: 1017414

Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
97	48.5	40.4	60.6
132	28.9	23.4	35.0



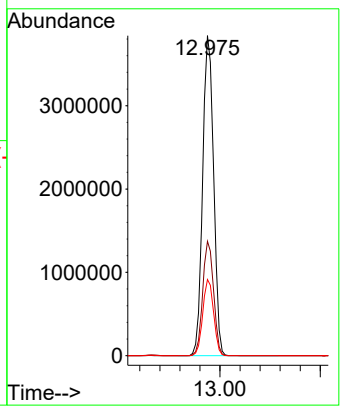


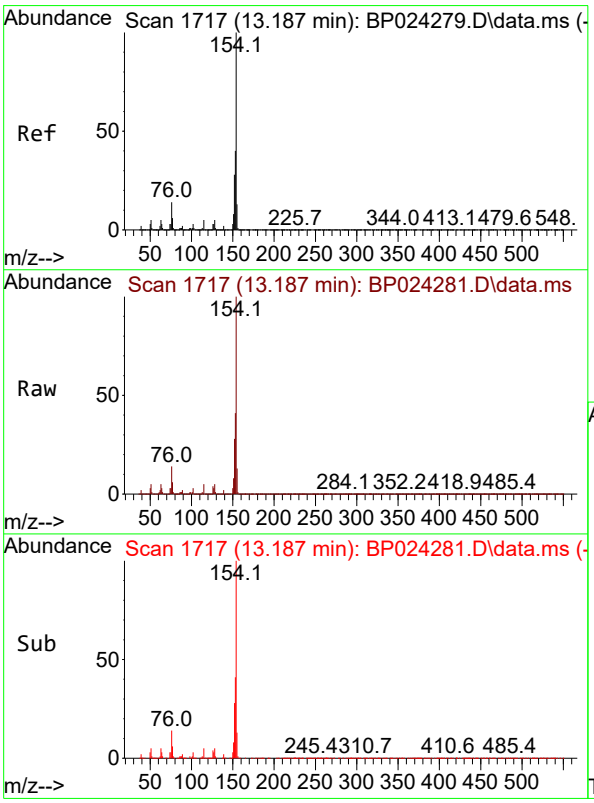
#45
2-Fluorobiphenyl
Concen: 113.964 ng
RT: 12.975 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 5835791

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.8	18.6	27.8

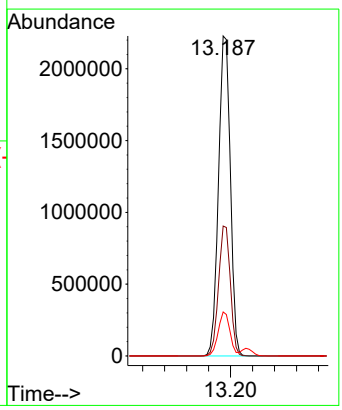


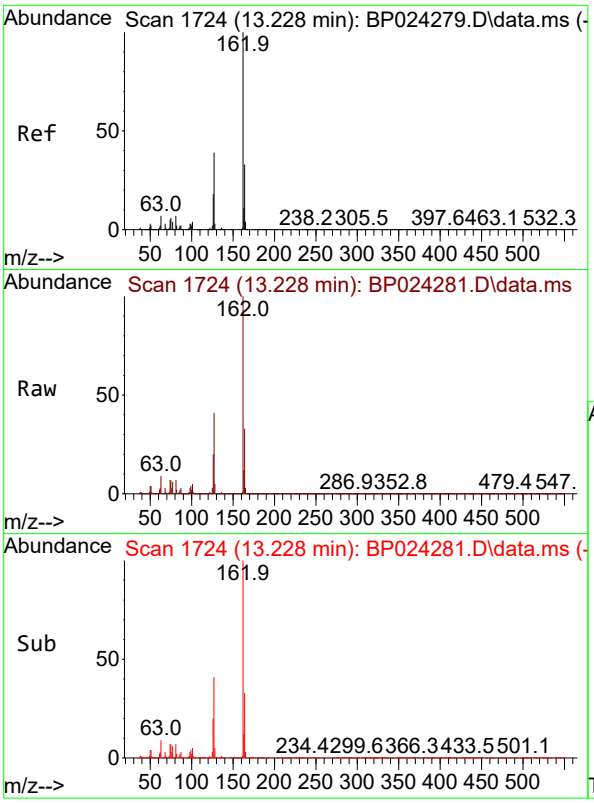


#46
1,1'-Biphenyl
Concen: 58.001 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 3330176

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.3	60.3
76	13.8	0.0	33.5



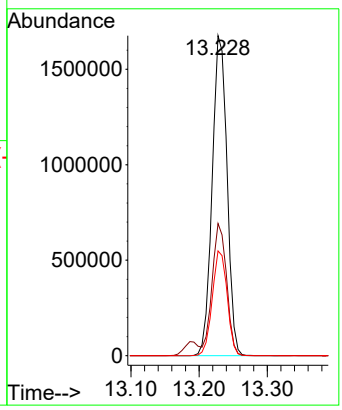


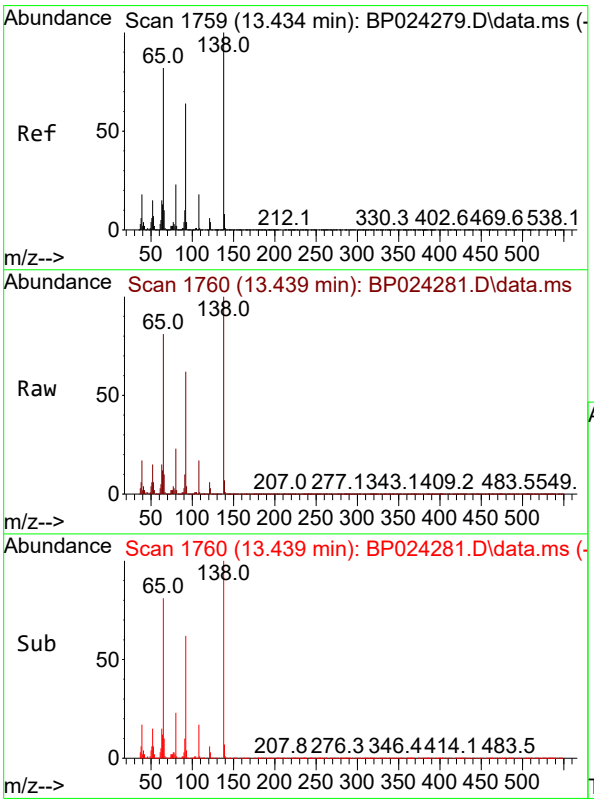
#47
2-Chloronaphthalene
Concen: 59.336 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 2542212

Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.9	47.9
164	32.8	26.2	39.4

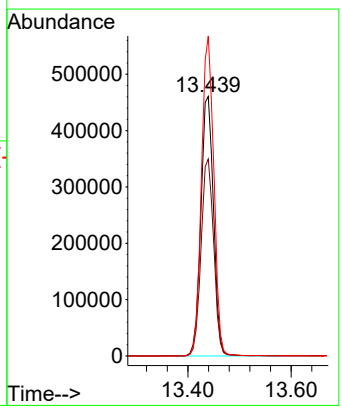


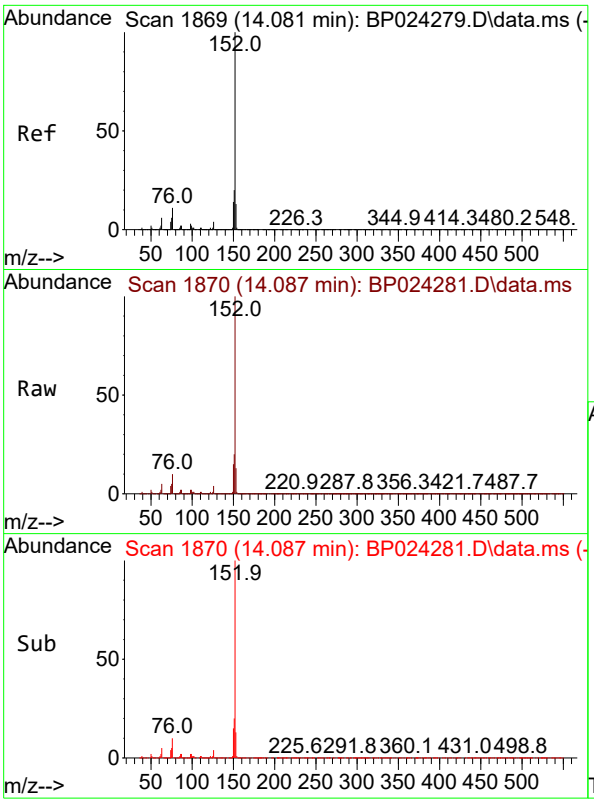


#48
2-Nitroaniline
Concen: 66.042 ng
RT: 13.439 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion: 65 Resp: 781584

Ion	Ratio	Lower	Upper
65	100		
92	75.9	62.3	93.5
138	123.3	97.2	145.8



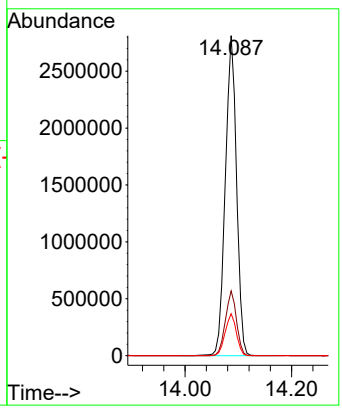


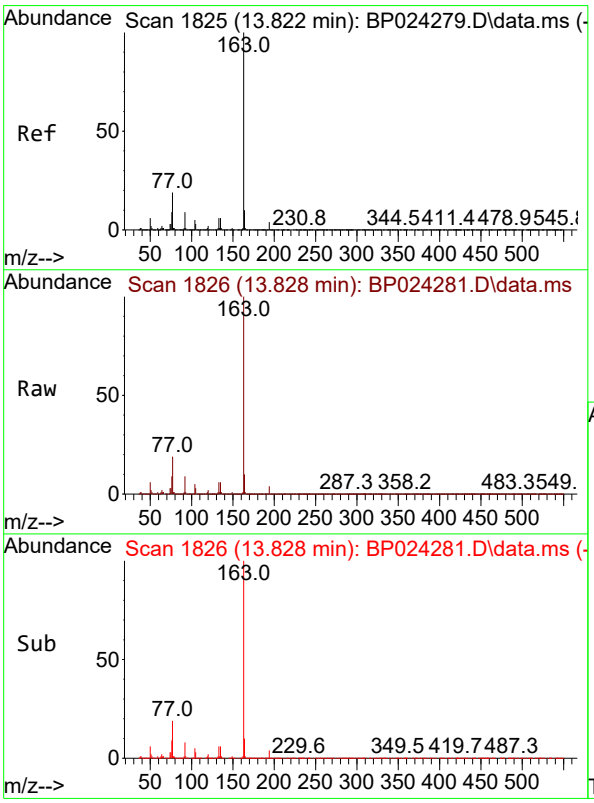
#49
Acenaphthylene
Concen: 61.143 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 4111553

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.1	10.6	15.8

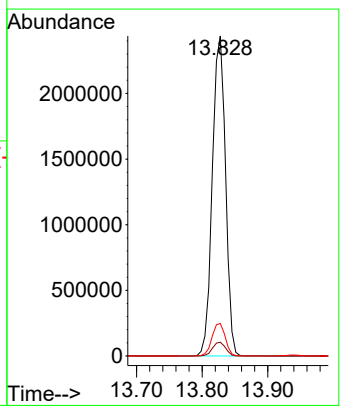


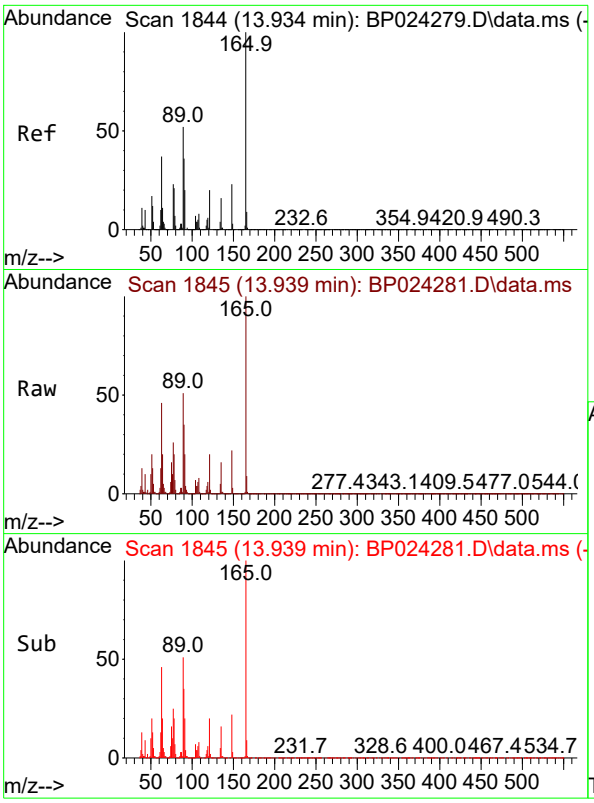


#50
Dimethylphthalate
Concen: 60.022 ng
RT: 13.828 min Scan# 1826
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:163 Resp: 3404463

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.0	12.0



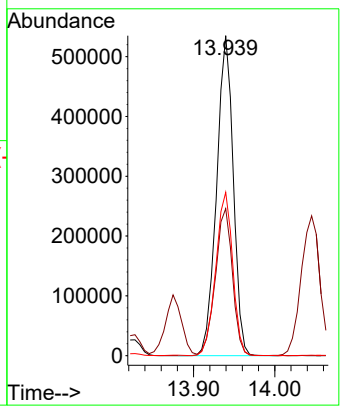


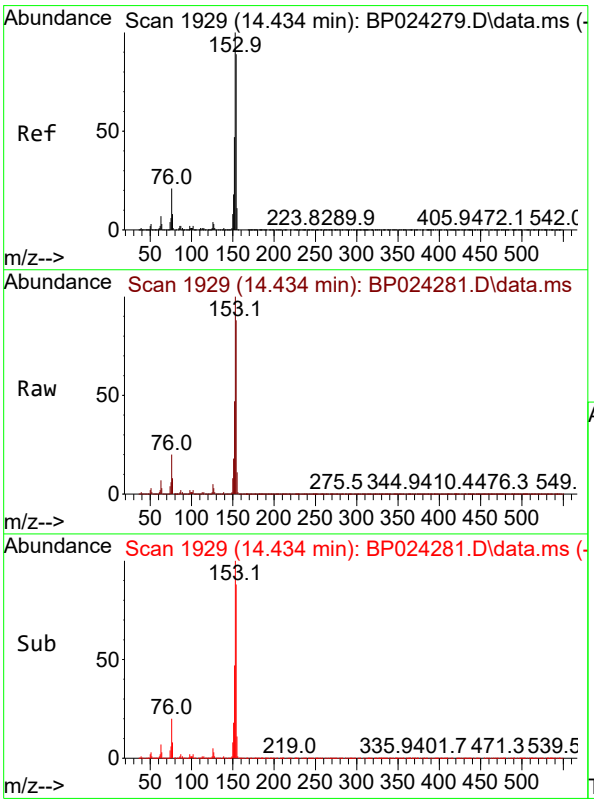
#51
2,6-Dinitrotoluene
Concen: 63.998 ng
RT: 13.939 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 764810

Ion	Ratio	Lower	Upper
165	100		
63	45.9	38.0	57.0
89	51.1	41.7	62.5

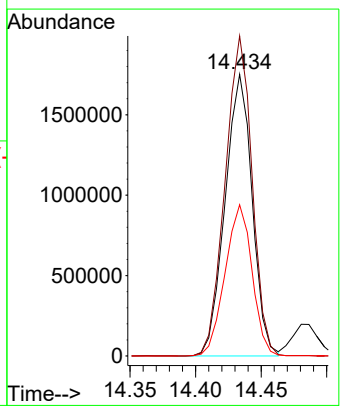


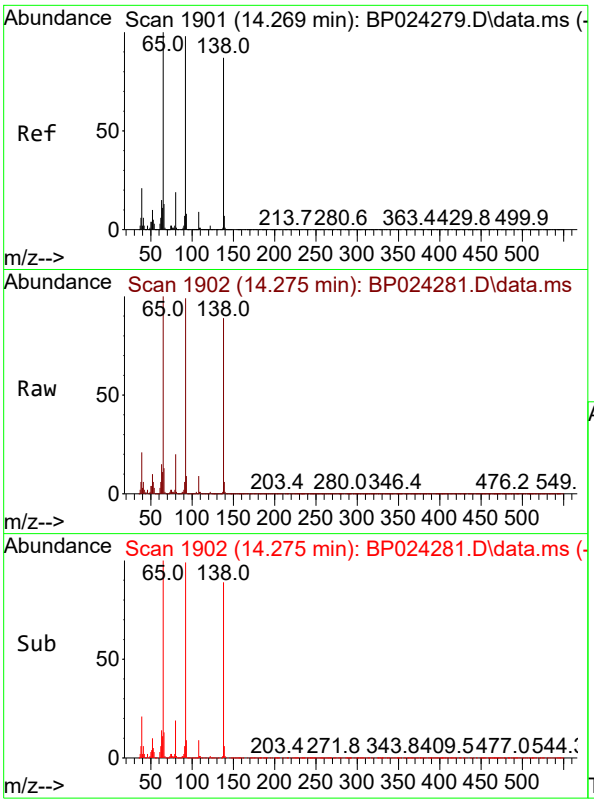


#52
Acenaphthene
Concen: 58.858 ng
RT: 14.434 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:154 Resp: 2516981

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.8	134.6
152	53.7	42.6	63.8



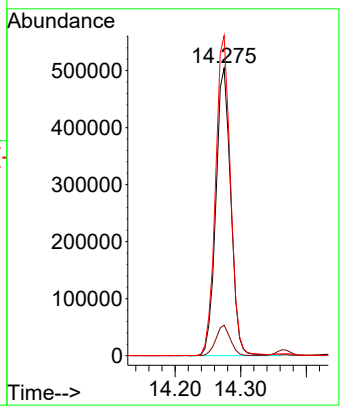


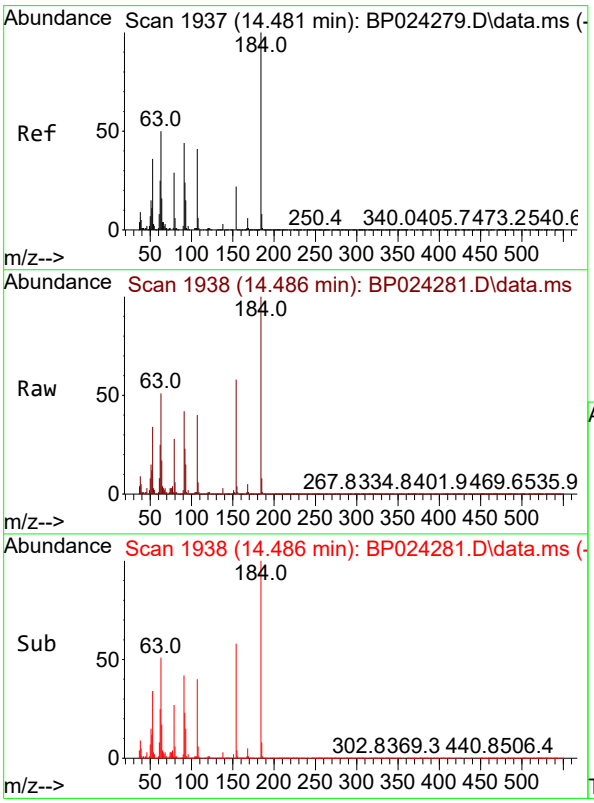
#53
3-Nitroaniline
Concen: 64.022 ng
RT: 14.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 793796

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.3	12.5
92	111.3	89.8	134.8

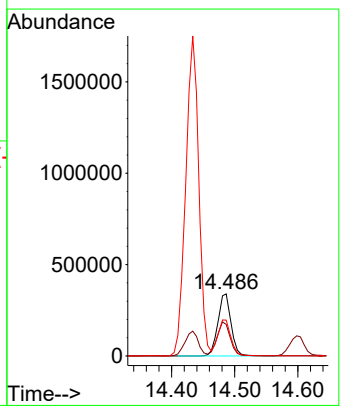


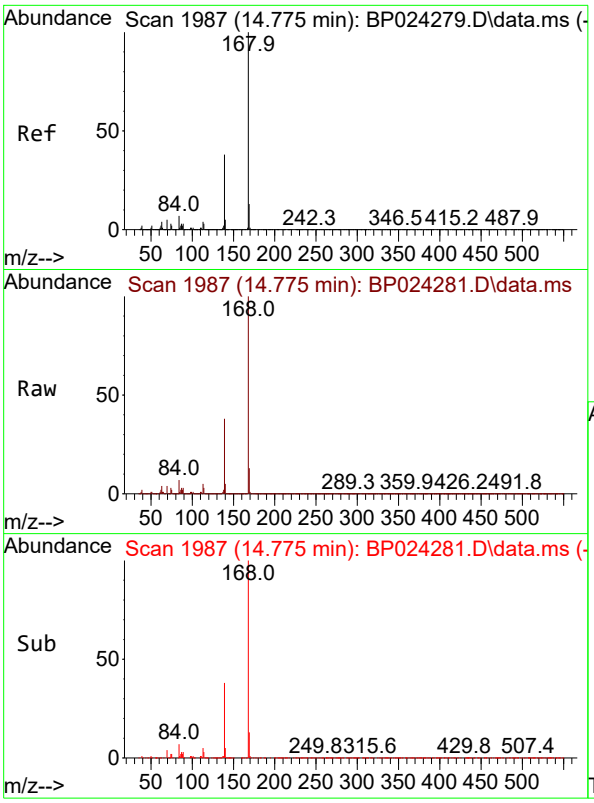


#54
2,4-Dinitrophenol
Concen: 76.655 ng
RT: 14.486 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 490497

Ion	Ratio	Lower	Upper
184	100		
63	50.8	42.6	64.0
154	57.7	47.2	70.8



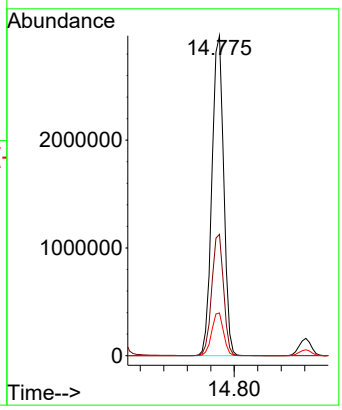


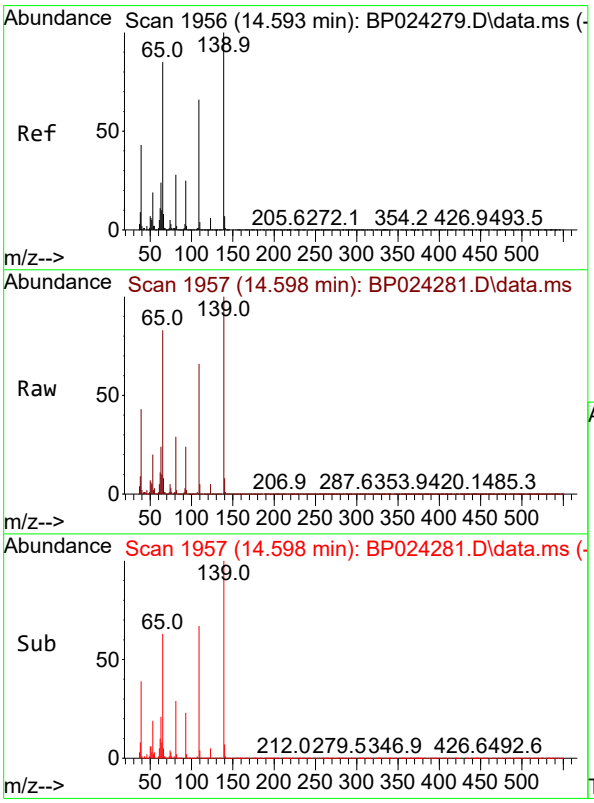
#55
Dibenzofuran
Concen: 58.810 ng
RT: 14.775 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 4124640

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.3	45.5
169	13.3	10.6	16.0

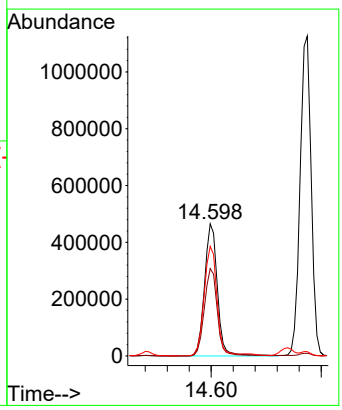


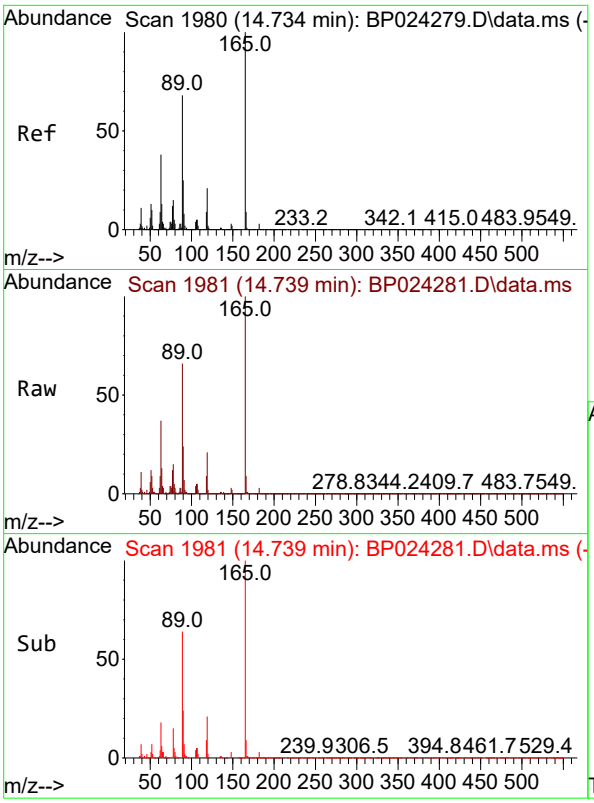


#56
4-Nitrophenol
Concen: 70.748 ng
RT: 14.598 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:139 Resp: 754038

Ion	Ratio	Lower	Upper
139	100		
109	66.1	46.1	86.1
65	82.9	65.0	105.0



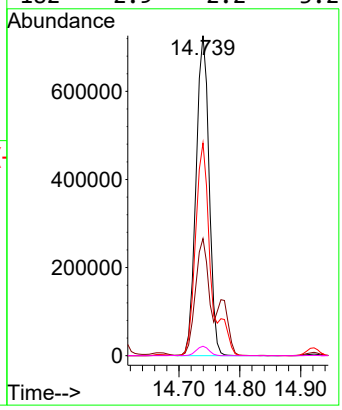


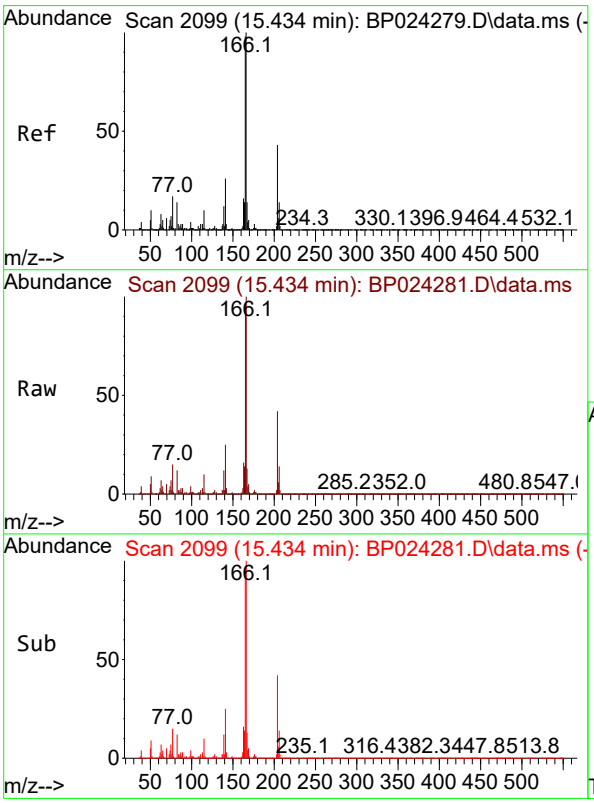
#57
2,4-Dinitrotoluene
Concen: 66.836 ng
RT: 14.739 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 1079633

Ion	Ratio	Lower	Upper
165	100		
63	36.6	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

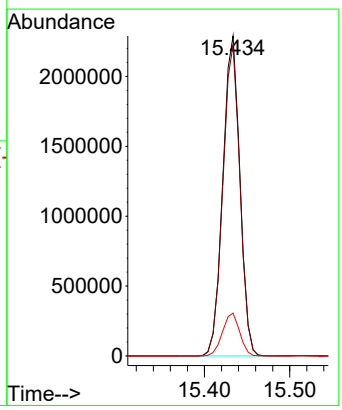


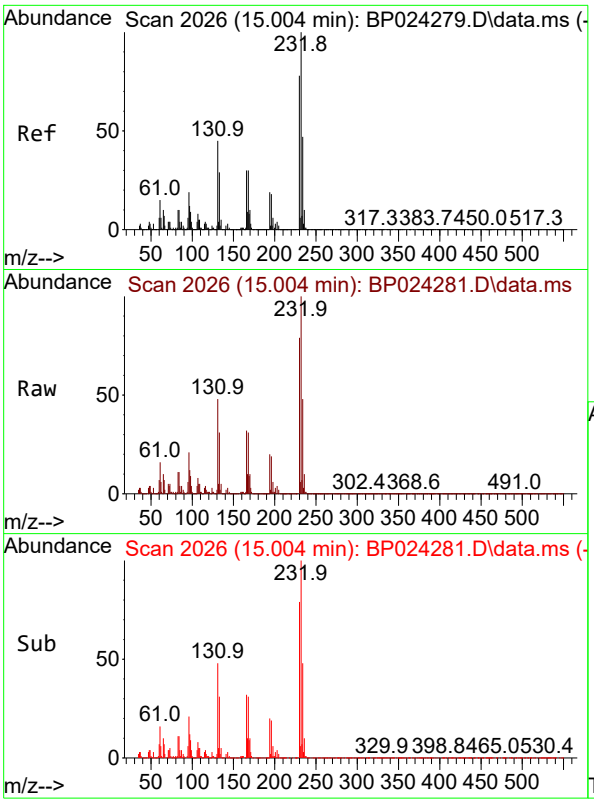


#58
Fluorene
Concen: 58.817 ng
RT: 15.434 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:166 Resp: 3184960

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.1	117.1
167	13.4	10.9	16.3



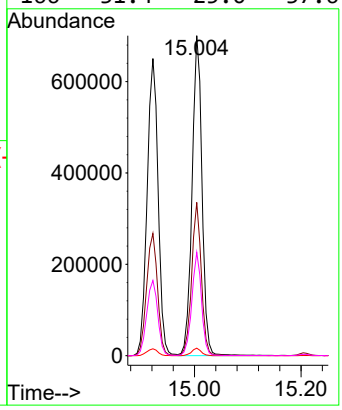


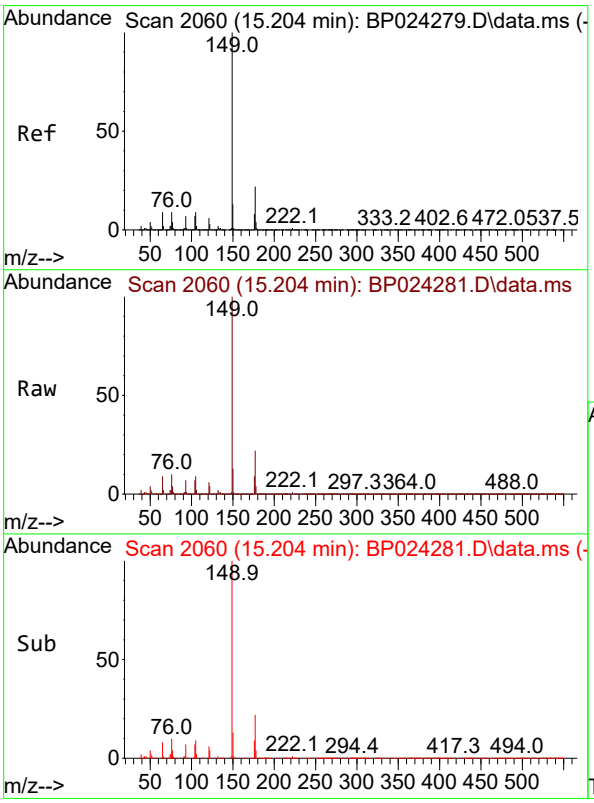
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.097 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 909497

Ion	Ratio	Lower	Upper
232	100		
131	46.4	36.8	55.2
130	2.3	1.9	2.9
166	31.4	25.0	37.6

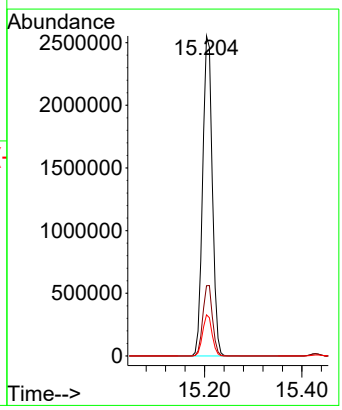


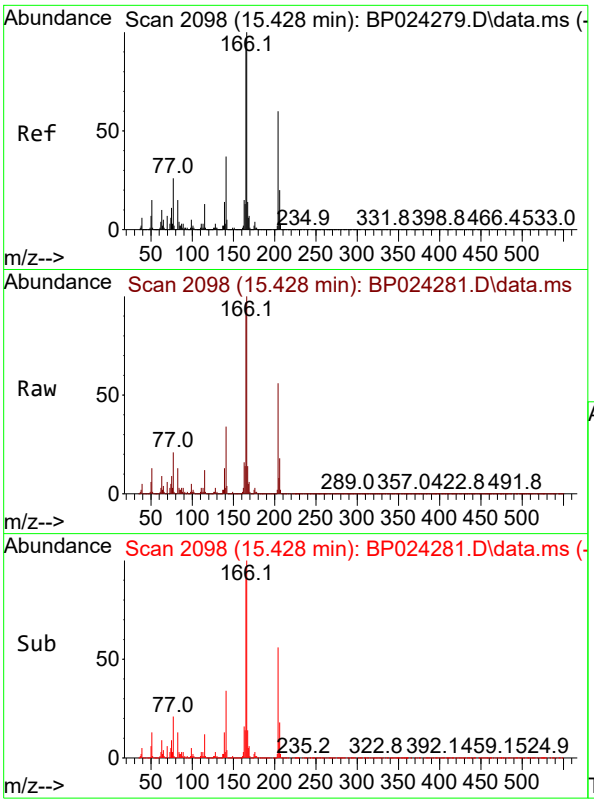


#60
Diethylphthalate
Concen: 59.879 ng
RT: 15.204 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 3495577

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.9	10.1	15.1



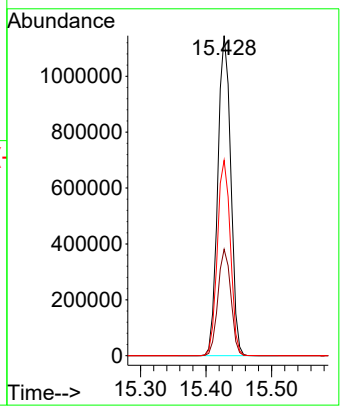


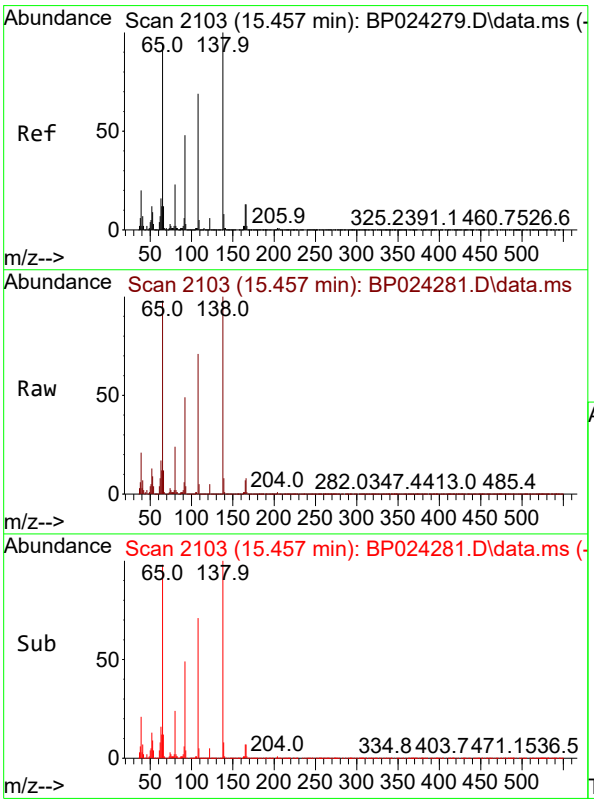
#61
4-Chlorophenyl-phenylether
Concen: 59.442 ng
RT: 15.428 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 1563042

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.1	49.4	74.0

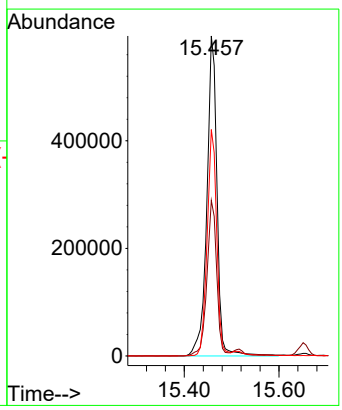


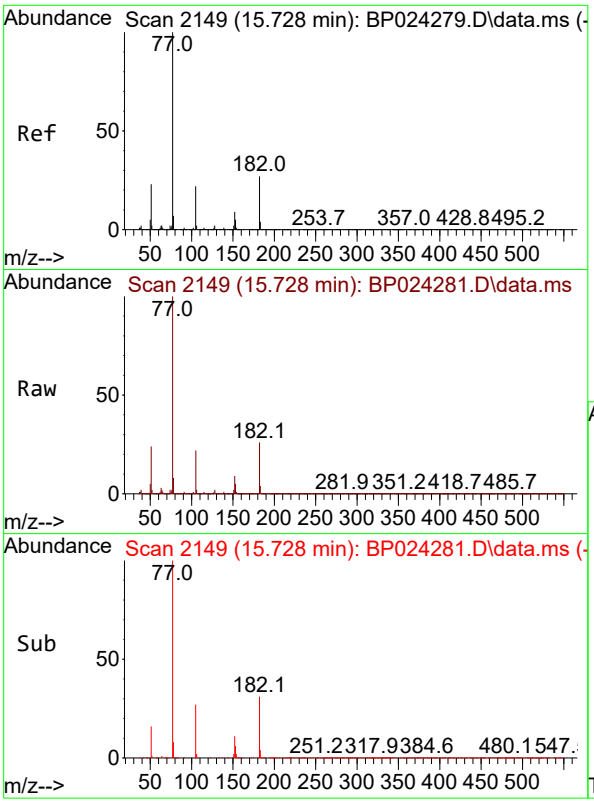


#62
4-Nitroaniline
Concen: 67.414 ng
RT: 15.457 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:138 Resp: 886163

Ion	Ratio	Lower	Upper
138	100		
92	48.6	27.8	67.8
108	70.7	48.9	88.9



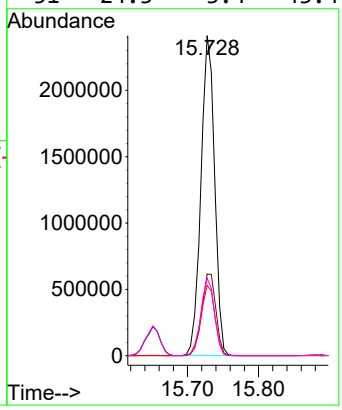


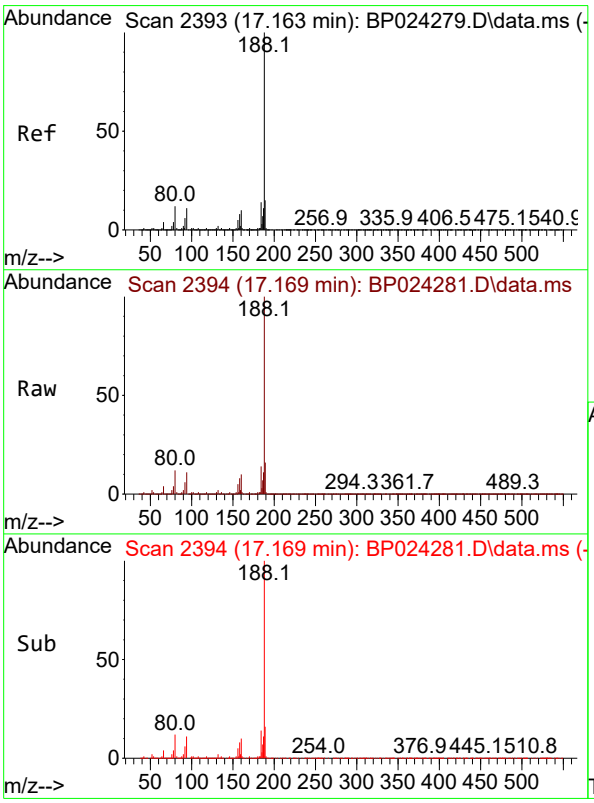
#63
Azobenzene
Concen: 60.070 ng
RT: 15.728 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 3229873

Ion	Ratio	Lower	Upper
77	100		
182	25.5	7.3	47.3
105	22.1	2.3	42.3
51	24.3	3.4	43.4

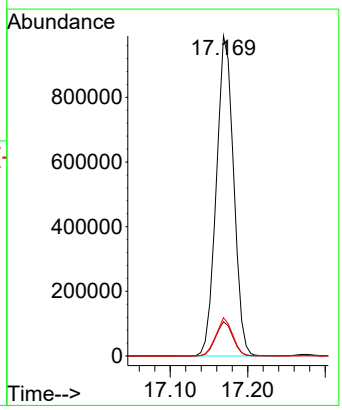


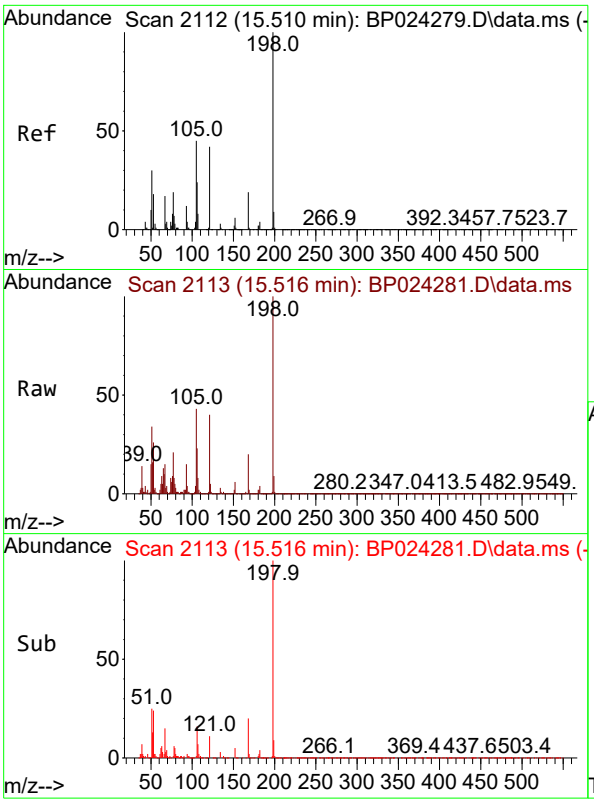


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2394
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:188 Resp: 1536805

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.6	13.0
80	12.0	9.8	14.6



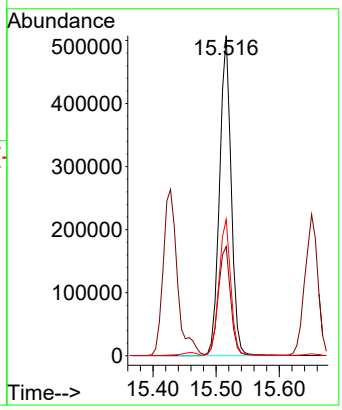


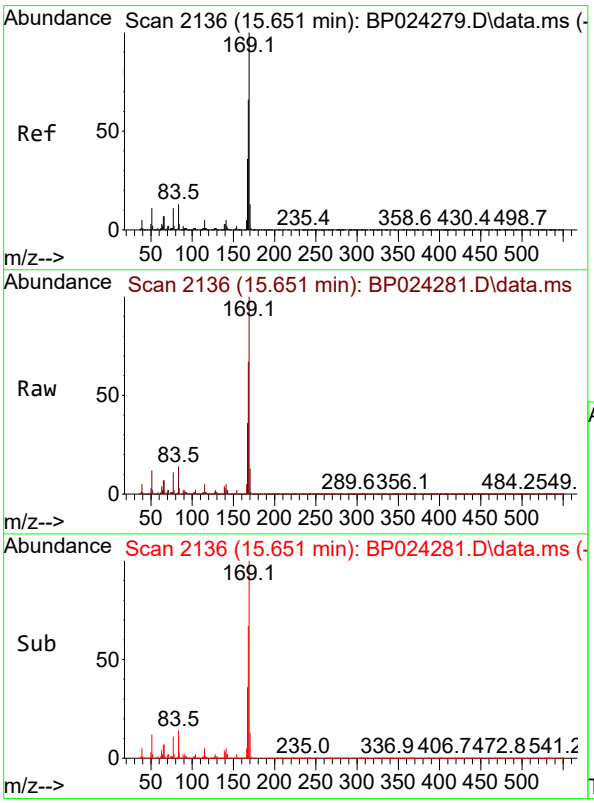
#65
4,6-Dinitro-2-methylphenol
Concen: 72.083 ng
RT: 15.516 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 647253

Ion	Ratio	Lower	Upper
198	100		
51	34.1	18.4	58.4
105	42.6	26.5	66.5

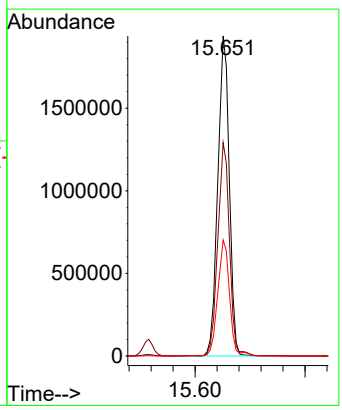


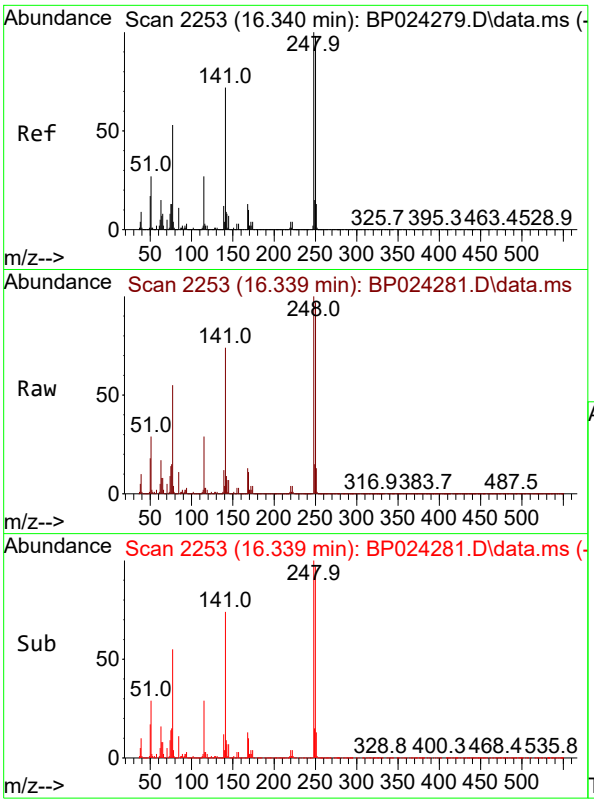


#66
n-Nitrosodiphenylamine
Concen: 60.874 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:169 Resp: 2805137

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.3	28.9	43.3



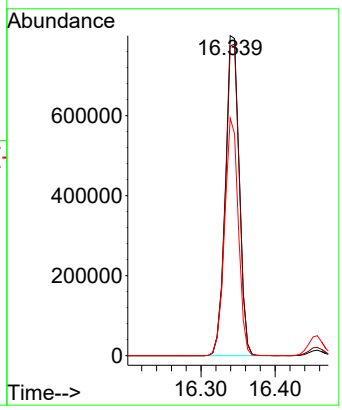


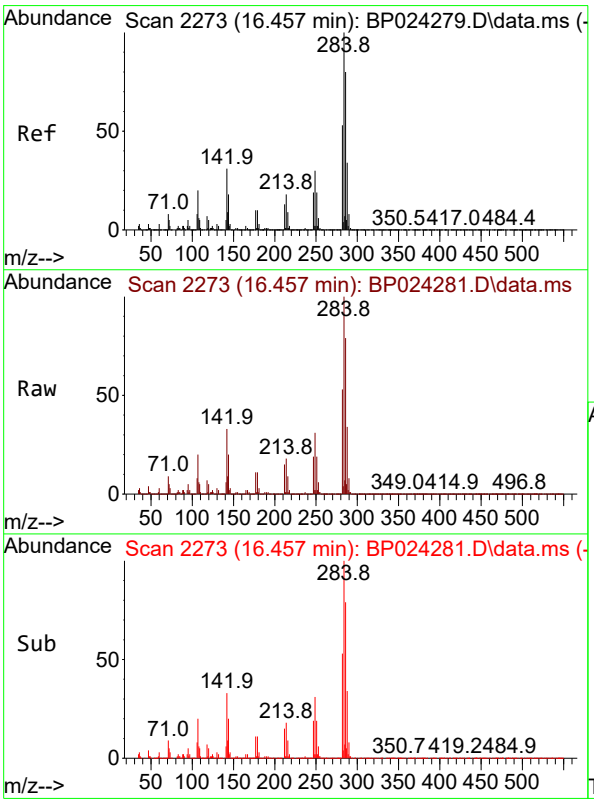
#67
4-Bromophenyl-phenylether
Concen: 61.926 ng
RT: 16.339 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 1038071

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.2	117.4
141	74.2	57.7	86.5

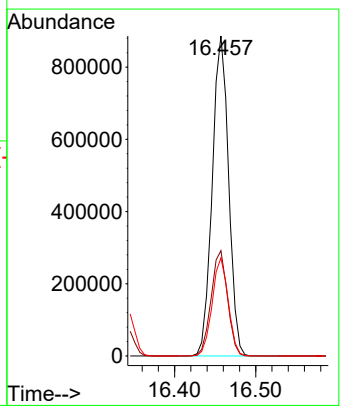


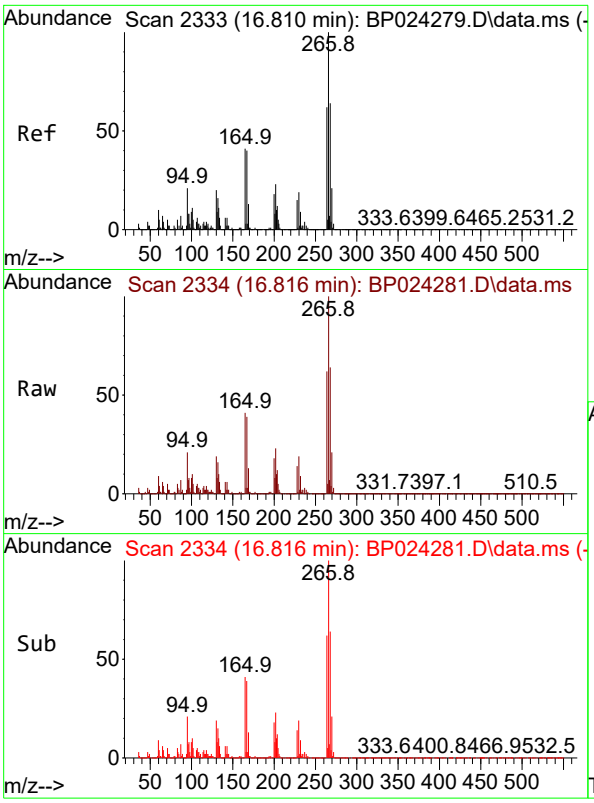


#68
Hexachlorobenzene
Concen: 62.200 ng
RT: 16.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:284 Resp: 1239550

Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.6	37.0
249	30.7	23.8	35.6



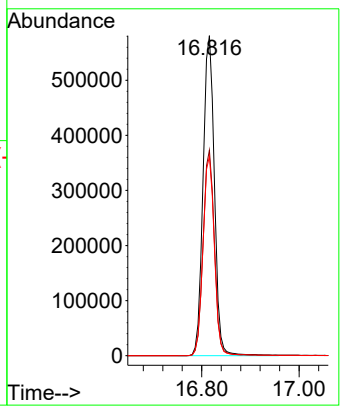


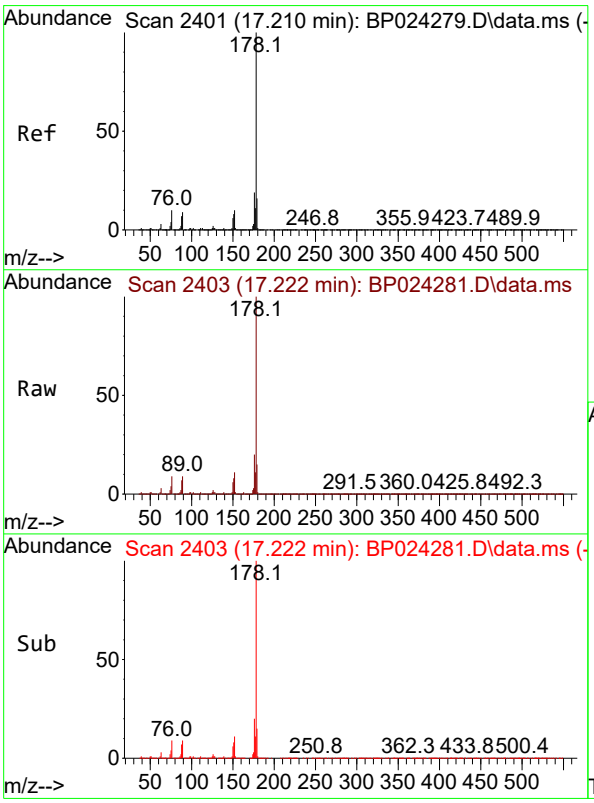
#70
Pentachlorophenol
Concen: 68.445 ng
RT: 16.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:266 Resp: 936562

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.6
264	62.3	49.8	74.6

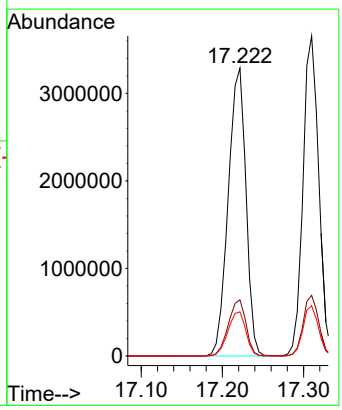


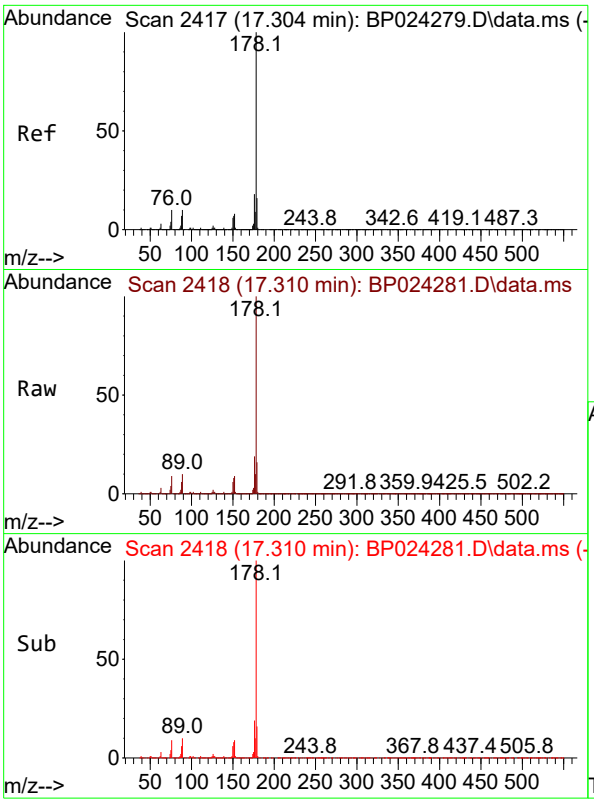


#71
Phenanthrene
Concen: 59.209 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:178 Resp: 4988840

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.3	12.5	18.7



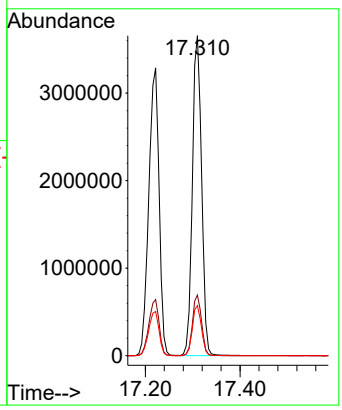


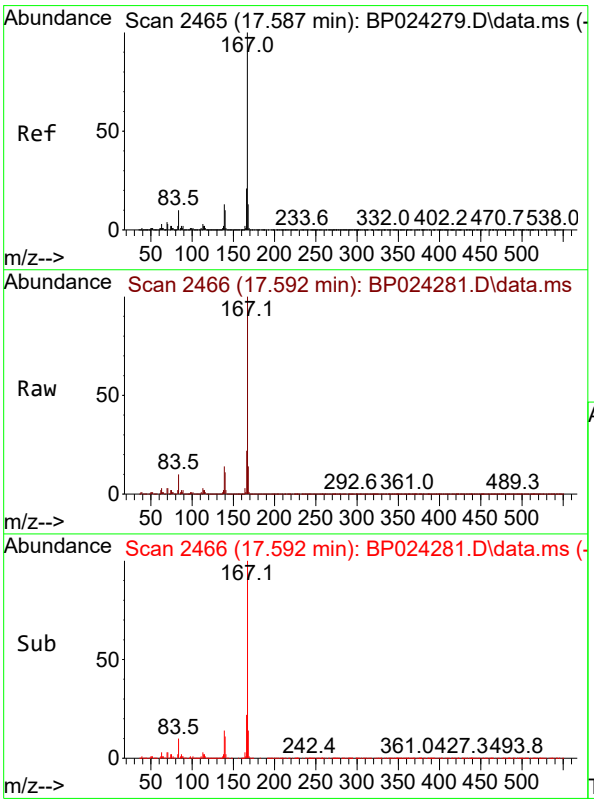
#72
Anthracene
Concen: 60.907 ng
RT: 17.310 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 4938117

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.7	12.4	18.6

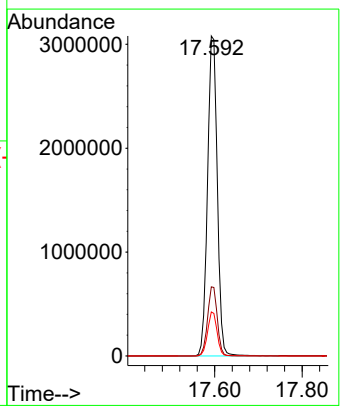


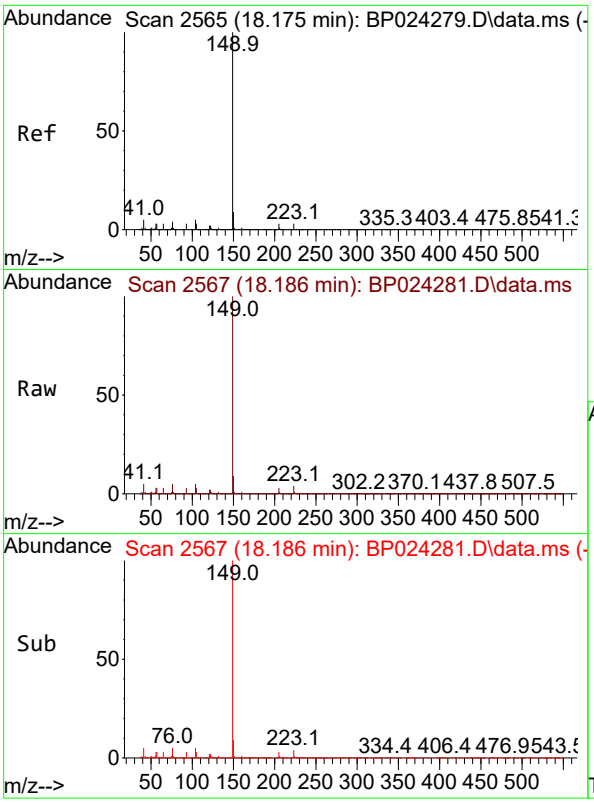


#73
Carbazole
Concen: 60.584 ng
RT: 17.592 min Scan# 2466
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:167 Resp: 4780408

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.7	10.6	16.0



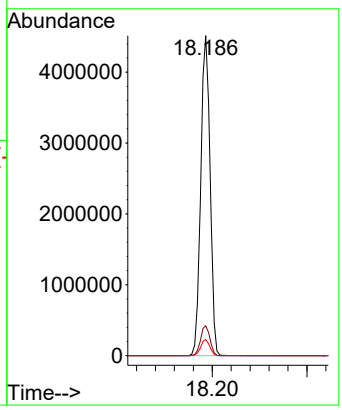


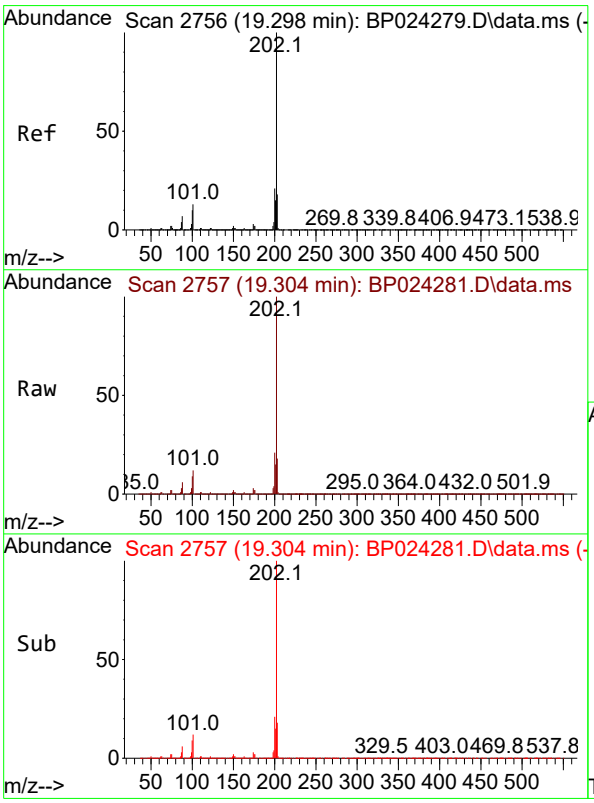
#74
Di-n-butylphthalate
Concen: 62.730 ng
RT: 18.186 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 6167206

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

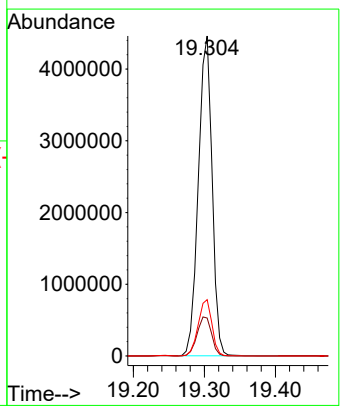


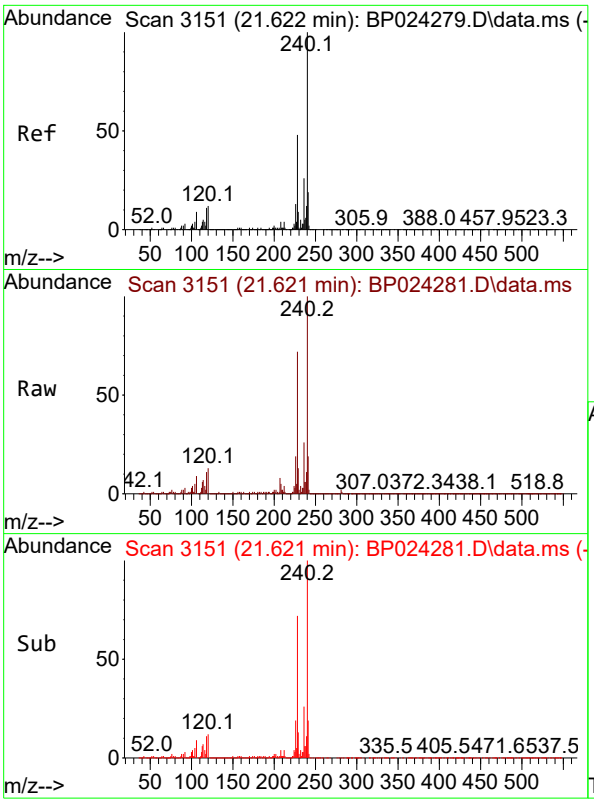


#75
Fluoranthene
Concen: 60.092 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:202 Resp: 6009748

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.2
203	17.6	0.0	37.7



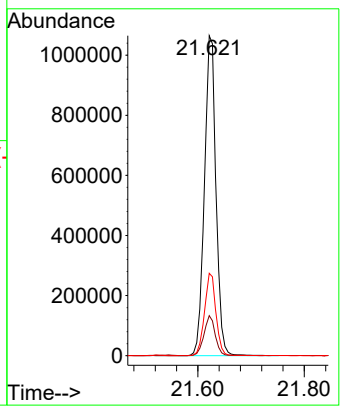


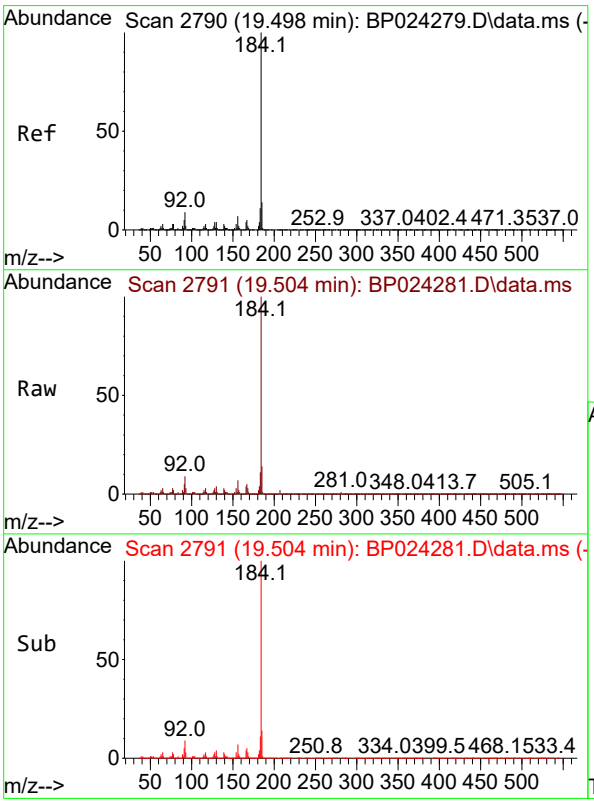
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:240 Resp: 1596148

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.8	14.8
236	25.8	20.9	31.3

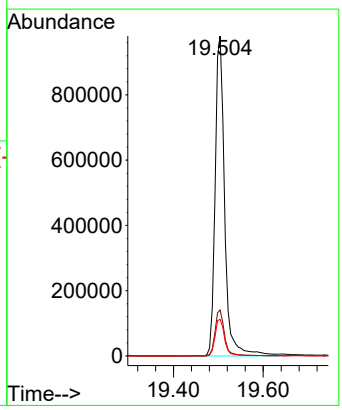


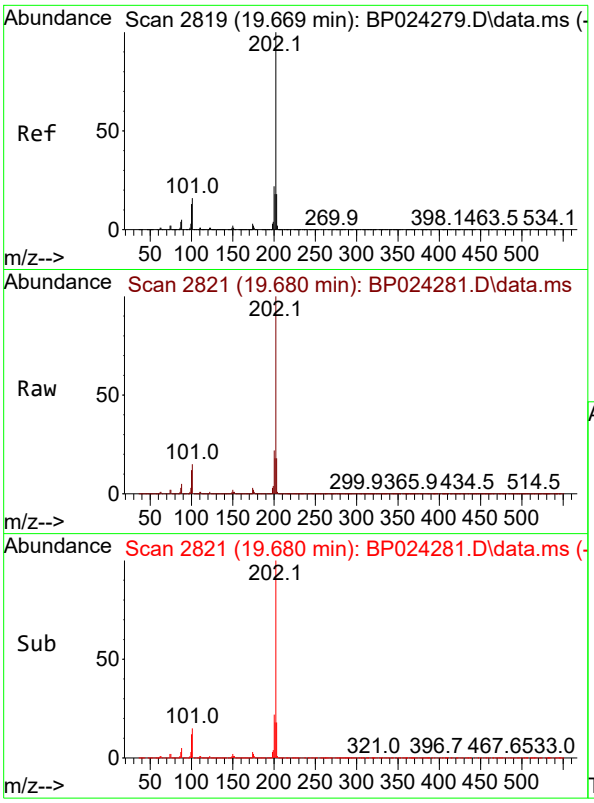


#77
Benzidine
Concen: 73.401 ng
RT: 19.504 min Scan# 2791
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:184 Resp: 1446166

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	11.5	9.2	13.8



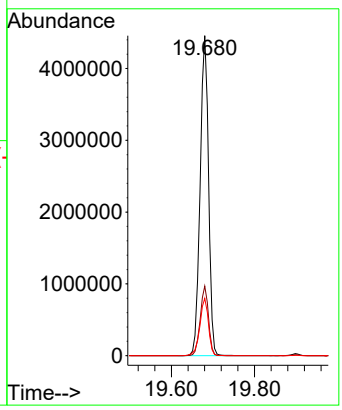


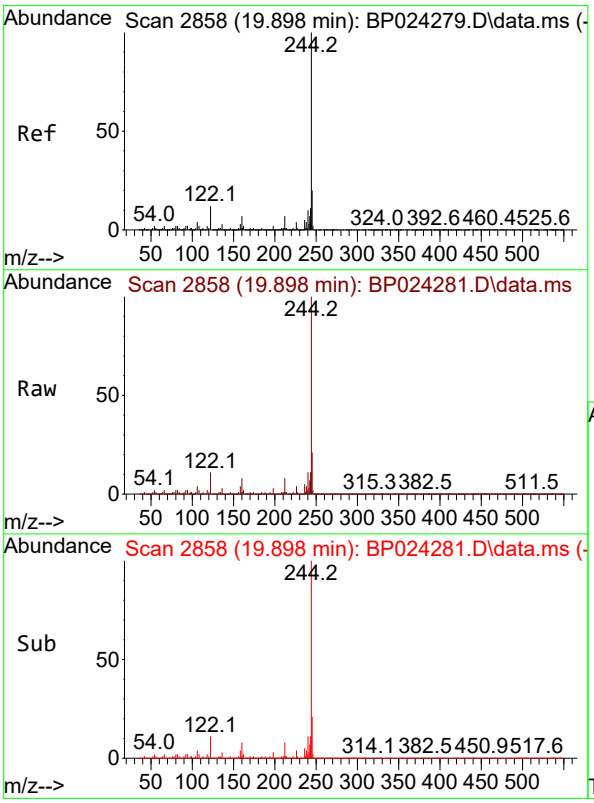
#78
Pyrene
Concen: 61.204 ng
RT: 19.680 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 6250781

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	17.9	14.4	21.6

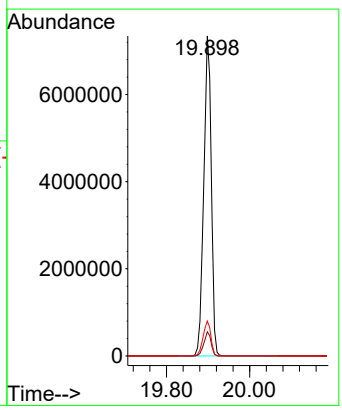


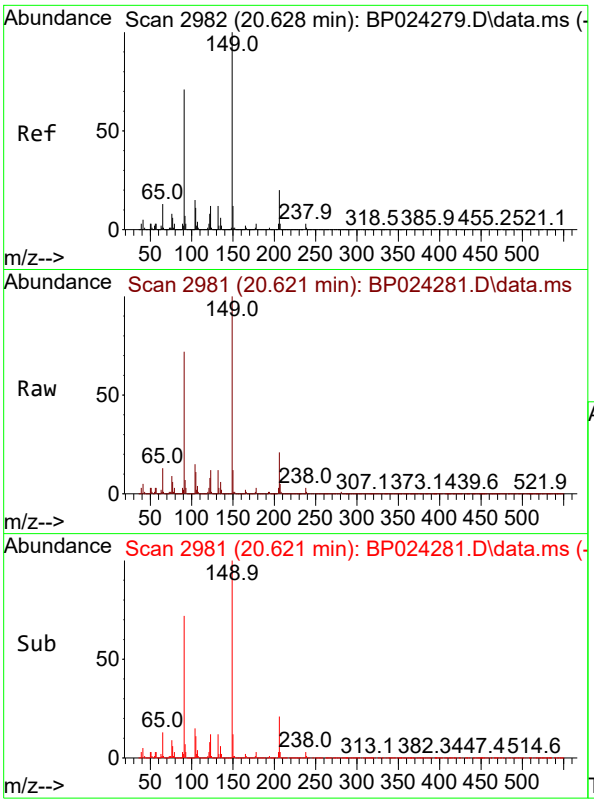


#79
Terphenyl-d14
Concen: 115.262 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:244 Resp: 9228969

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.6	8.4
122	10.9	9.4	14.0



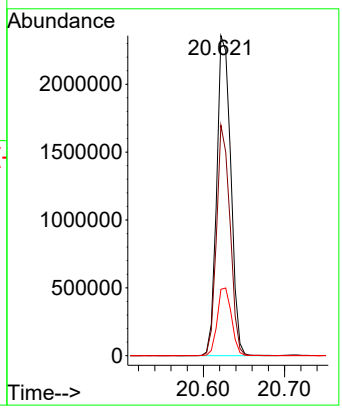


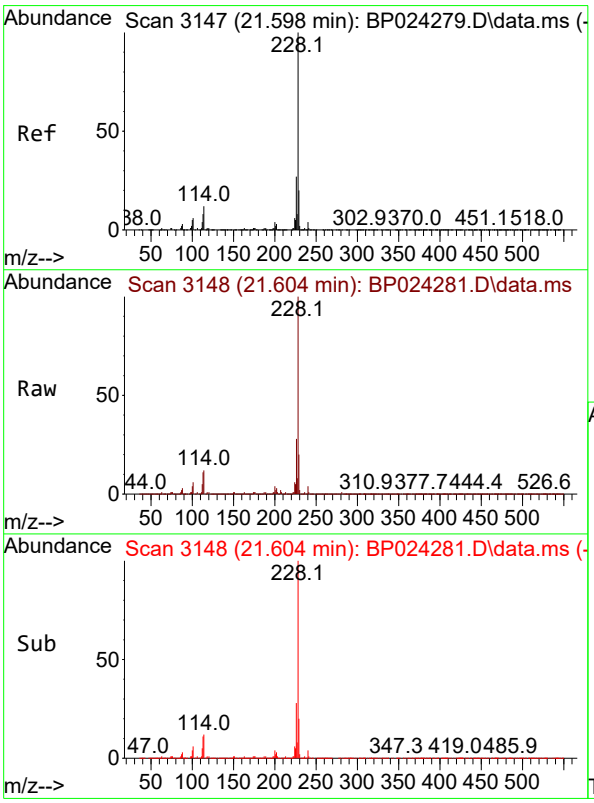
#80
Butylbenzylphthalate
Concen: 65.961 ng
RT: 20.621 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2840001

Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.4	84.6
206	20.7	16.3	24.5

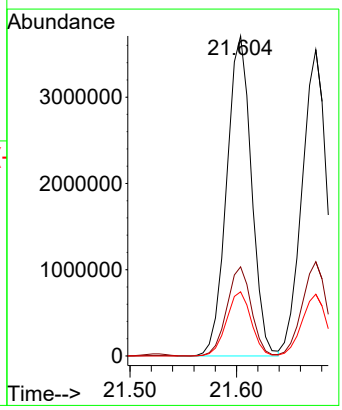


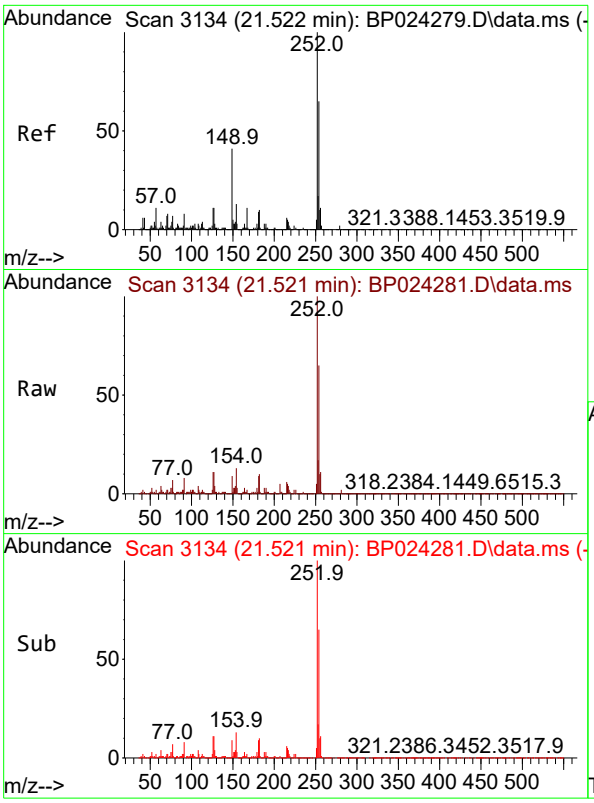


#81
Benzo(a)anthracene
Concen: 60.318 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 6002059

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.8
229	20.1	15.9	23.9



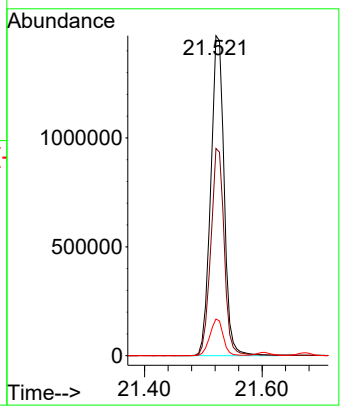


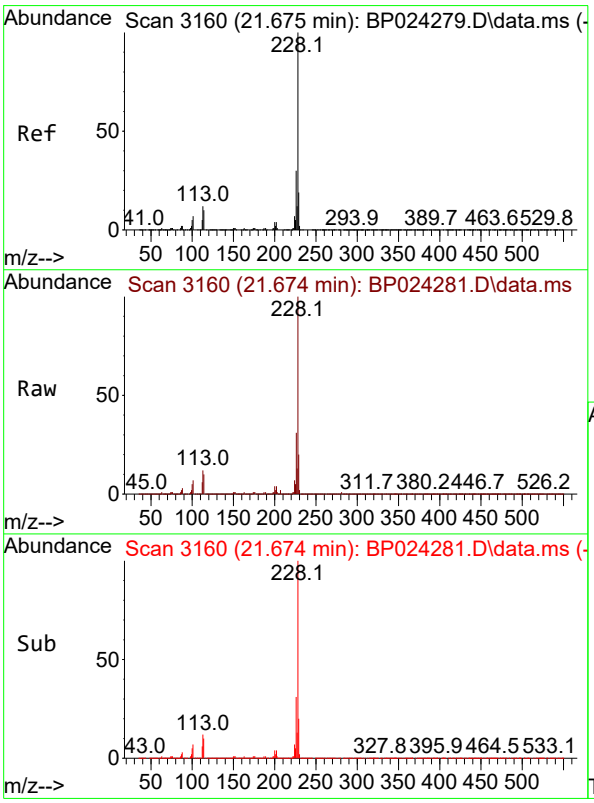
#82
3,3'-Dichlorobenzidine
Concen: 67.333 ng
RT: 21.521 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 2323294

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	11.5	8.8	13.2

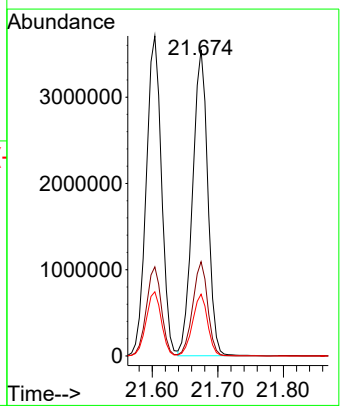


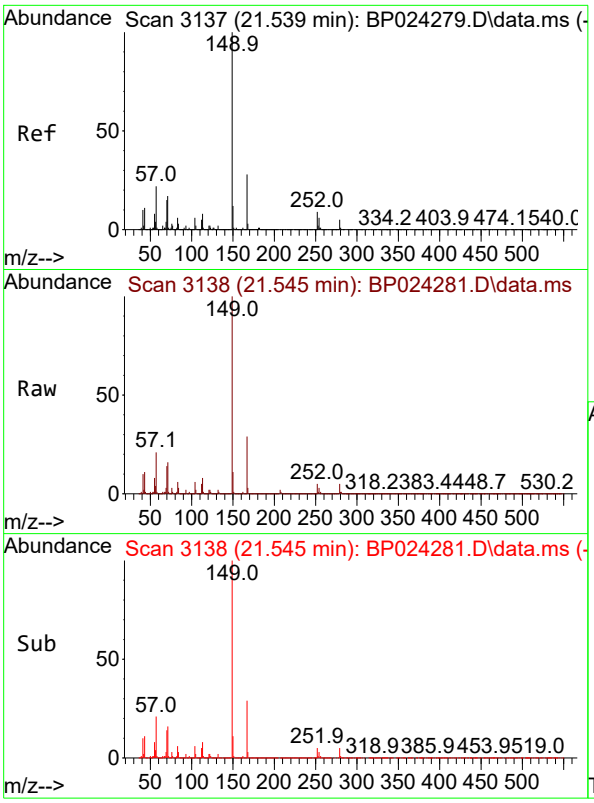


#83
Chrysene
Concen: 59.924 ng
RT: 21.674 min Scan# 3160
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:228 Resp: 5714775

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	20.2	15.6	23.4



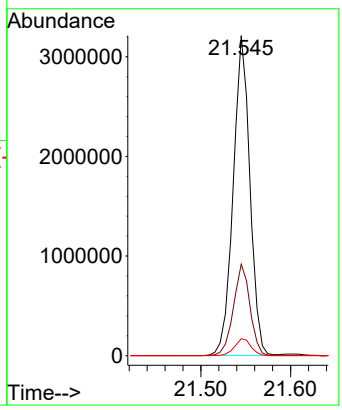


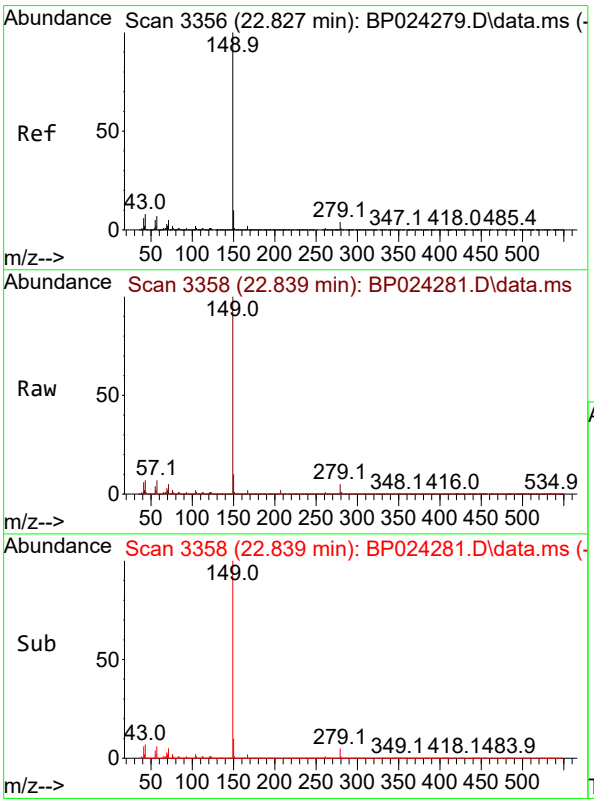
#84
Bis(2-ethylhexyl)phthalate
Concen: 65.497 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 4153128

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.4	33.6
279	5.3	4.0	6.0

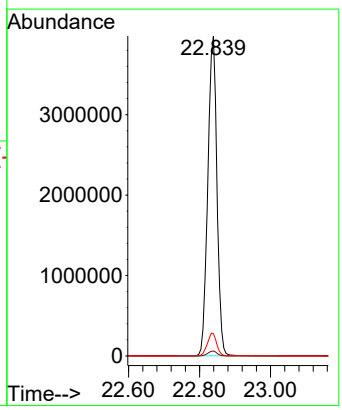


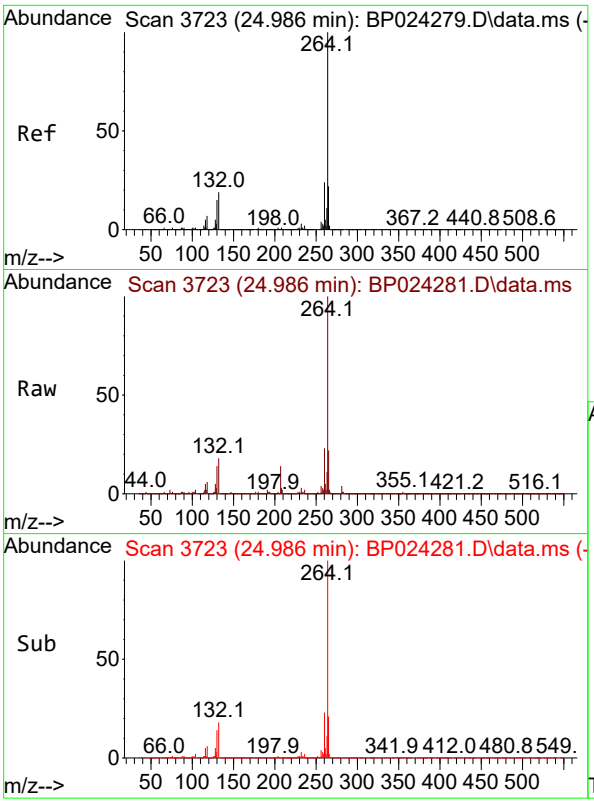


#85
Di-n-octyl phthalate
Concen: 70.060 ng
RT: 22.839 min Scan# 3358
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:149 Resp: 7116217

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.2	6.0	9.0



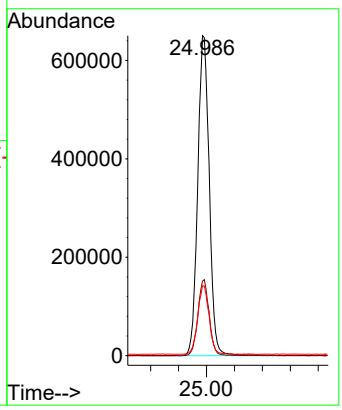


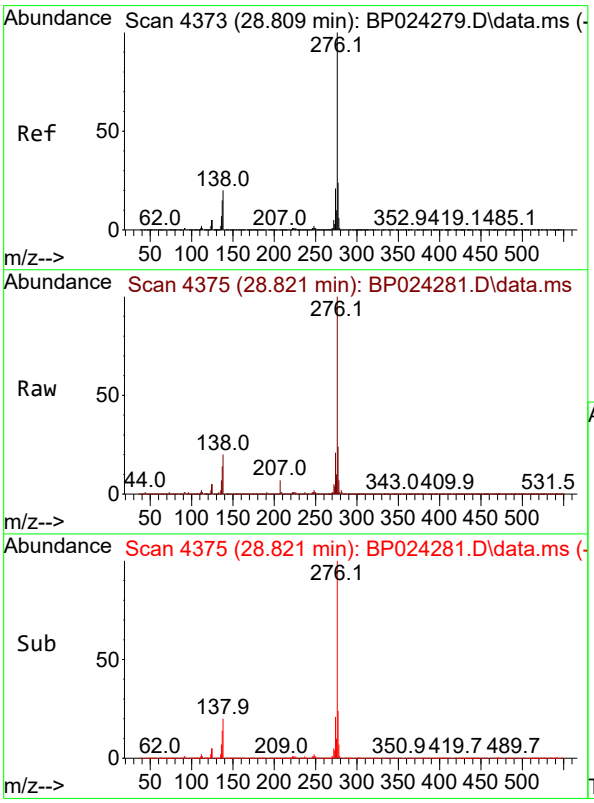
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:264 Resp: 1858365

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.8	17.8	26.6

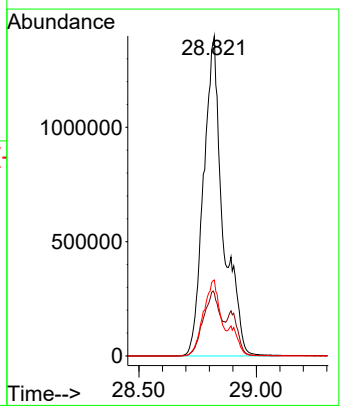


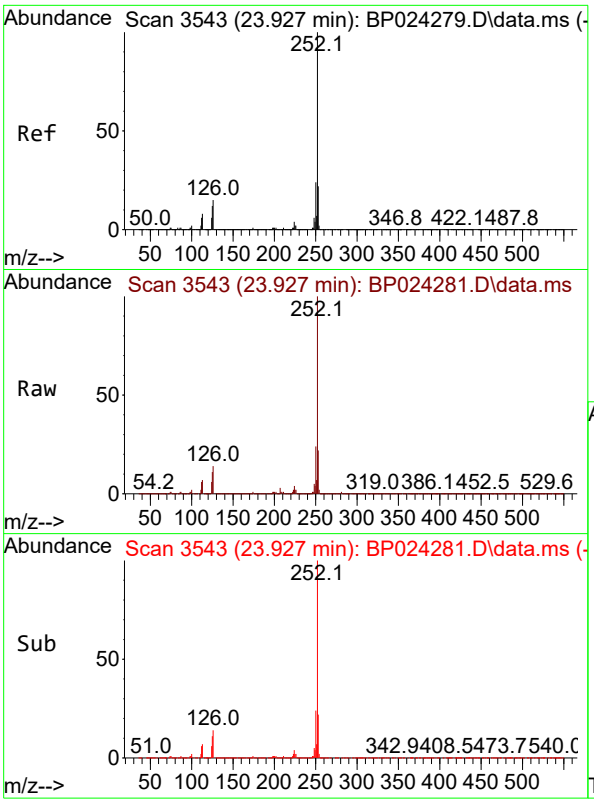


#87
Indeno(1,2,3-cd)pyrene
Concen: 63.043 ng m
RT: 28.821 min Scan# 4375
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:276 Resp: 8057576

Ion	Ratio	Lower	Upper
276	100		
138	18.2	14.5	21.7
277	20.7	20.2	30.2



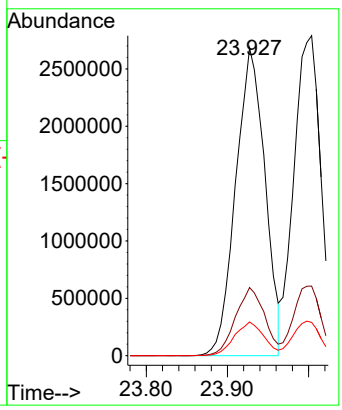


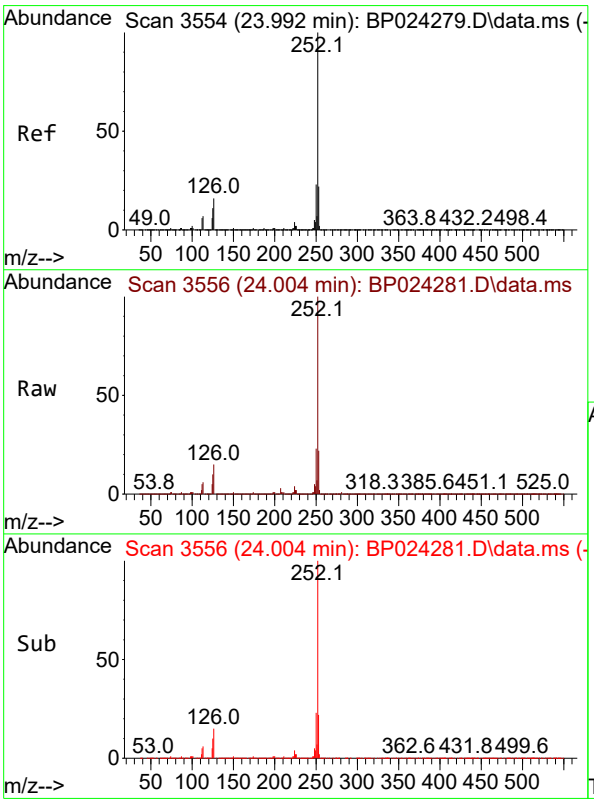
#88
Benzo(b)fluoranthene
Concen: 60.400 ng
RT: 23.927 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 6715444

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.0	9.4	14.0

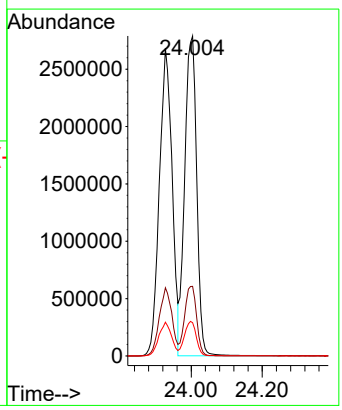


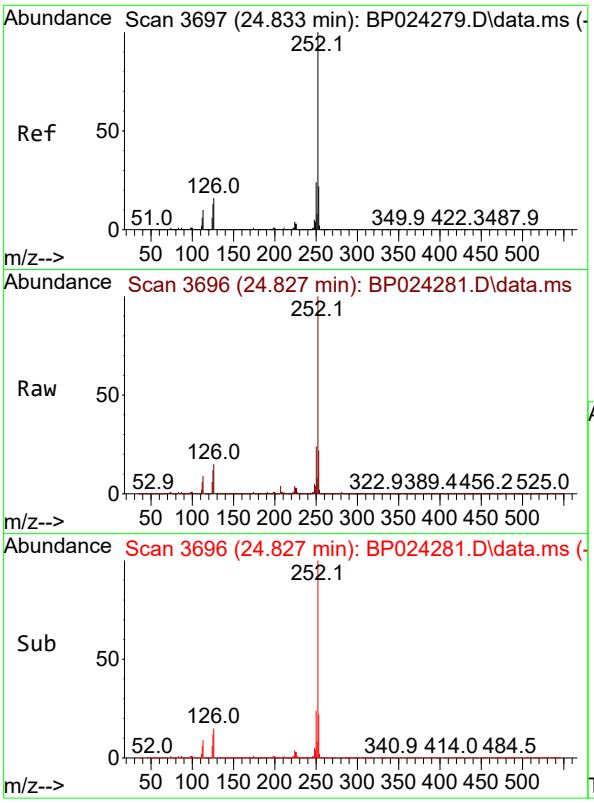


#89
Benzo(k)fluoranthene
Concen: 60.244 ng
RT: 24.004 min Scan# 3556
Delta R.T. 0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:252 Resp: 6500782

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.4	9.1	13.7



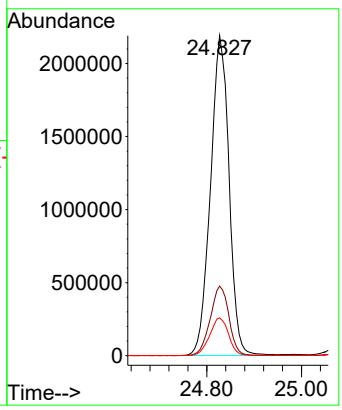


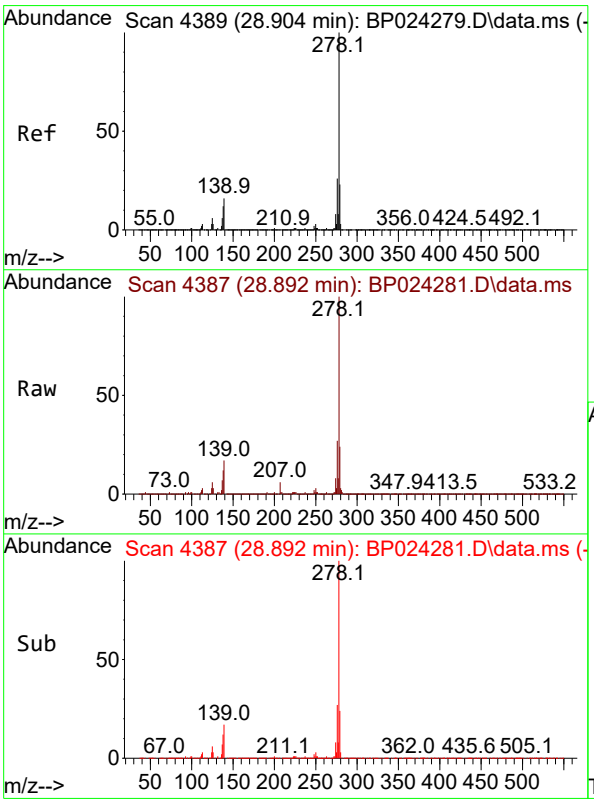
#90
Benzo(a)pyrene
Concen: 62.316 ng
RT: 24.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 5964163

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

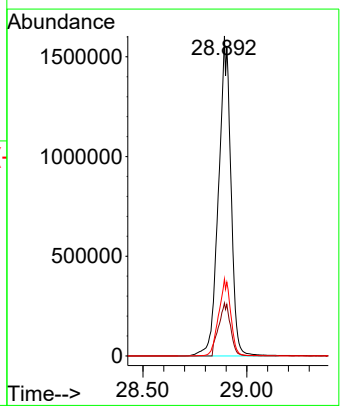


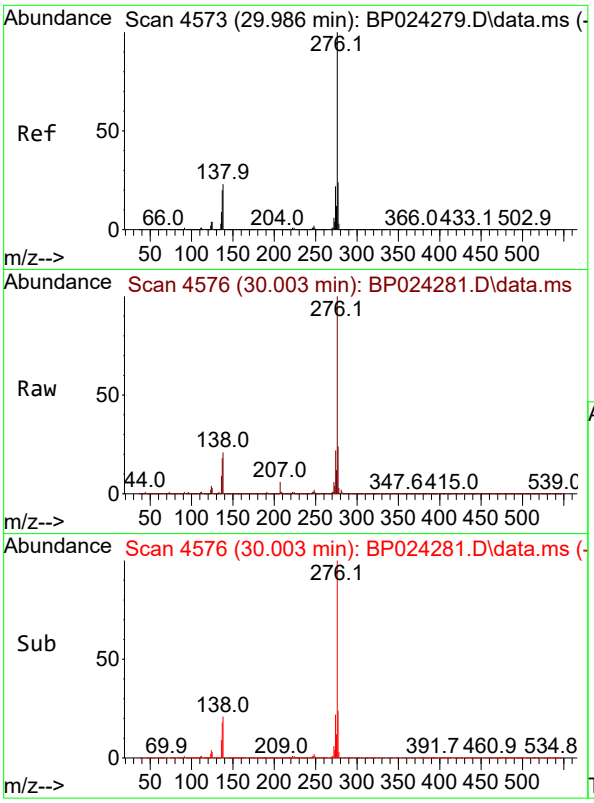


#91
Dibenzo(a,h)anthracene
Concen: 62.214 ng
RT: 28.892 min Scan# 4387
Delta R.T. -0.012 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Tgt Ion:278 Resp: 6614173

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.6	19.0
279	24.1	18.5	27.7



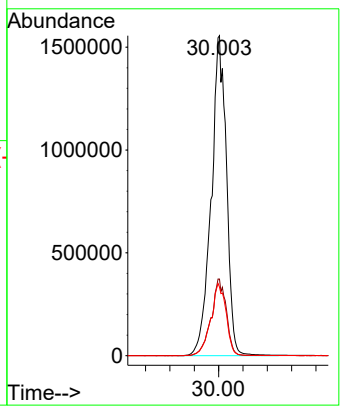


#92
Benzo(g,h,i)perylene
Concen: 62.294 ng
RT: 30.003 min Scan# 4
Delta R.T. 0.017 min
Lab File: BP024281.D
Acq: 14 Apr 2025 16:32

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 6740929

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.5	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	244732	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1024316	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	641442	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1279313	20.000	ng		0.02
76) Chrysene-d12	21.621	240	1378105	20.000	ng		0.00
86) Perylene-d12	24.986	264	1583281	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	2341577	157.905	ng		0.00
7) Phenol-d6	6.916	99	3224074	158.927	ng		0.00
23) Nitrobenzene-d5	8.881	82	2847003	158.236	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	1507534	171.633	ng		0.01
45) 2-Fluorobiphenyl	12.981	172	6362479	150.596	ng		0.01
79) Terphenyl-d14	19.922	244	10209149	147.678	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	467234	73.805	ng		99
3) Pyridine	3.687	79	1349044m	81.864	ng		
4) n-Nitrosodimethylamine	3.593	42	434861	79.138	ng		97
6) Aniline	7.069	93	1351337	73.789	ng		100
8) 2-Chlorophenol	7.305	128	1299769	78.433	ng		99
9) Benzaldehyde	6.881	77	608272	57.891	ng		99
10) Phenol	6.946	94	1608027	78.944	ng		98
11) bis(2-Chloroethyl)ether	7.163	93	1272327	77.297	ng		99
12) 1,3-Dichlorobenzene	7.622	146	1344292	74.869	ng		100
13) 1,4-Dichlorobenzene	7.763	146	1369087	75.195	ng		99
14) 1,2-Dichlorobenzene	8.075	146	1310407	74.432	ng		100
15) Benzyl Alcohol	7.975	79	1098602	84.492	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1319830	73.704	ng		98
17) 2-Methylphenol	8.175	107	1064555	81.101	ng		100
18) Hexachloroethane	8.799	117	498897	75.920	ng		99
19) n-Nitroso-di-n-propyla...	8.534	70	968278	76.844	ng		99
20) 3+4-Methylphenols	8.499	107	1492527	82.092	ng		99
22) Acetophenone	8.546	105	1977578	77.680	ng	#	100
24) Nitrobenzene	8.922	77	1392093	78.066	ng		98
25) Isophorone	9.446	82	2617853	80.596	ng		99
26) 2-Nitrophenol	9.628	139	760077	88.768	ng		98
27) 2,4-Dimethylphenol	9.693	122	905891	83.475	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1689686	76.434	ng		99
29) 2,4-Dichlorophenol	10.157	162	1238253	83.719	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	1252476	78.272	ng		99
31) Naphthalene	10.557	128	4190486	77.287	ng		100
32) Benzoic acid	9.875	122	1154243m	98.425	ng		
33) 4-Chloroaniline	10.669	127	1547427	81.682	ng		99
34) Hexachlorobutadiene	10.840	225	743811	79.240	ng		99
35) Caprolactam	11.481	113	469910	86.534	ng		98
36) 4-Chloro-3-methylphenol	11.804	107	1438601	83.468	ng		98
37) 2-Methylnaphthalene	12.169	142	2918685	77.673	ng		99
38) 1-Methylnaphthalene	12.393	142	2831173	76.912	ng		100
40) 1,2,4,5-Tetrachloroben...	12.545	216	1416894	80.378	ng		100
41) Hexachlorocyclopentadiene	12.528	237	523136	84.532	ng		99
43) 2,4,6-Trichlorophenol	12.787	196	1000309	86.244	ng		97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration

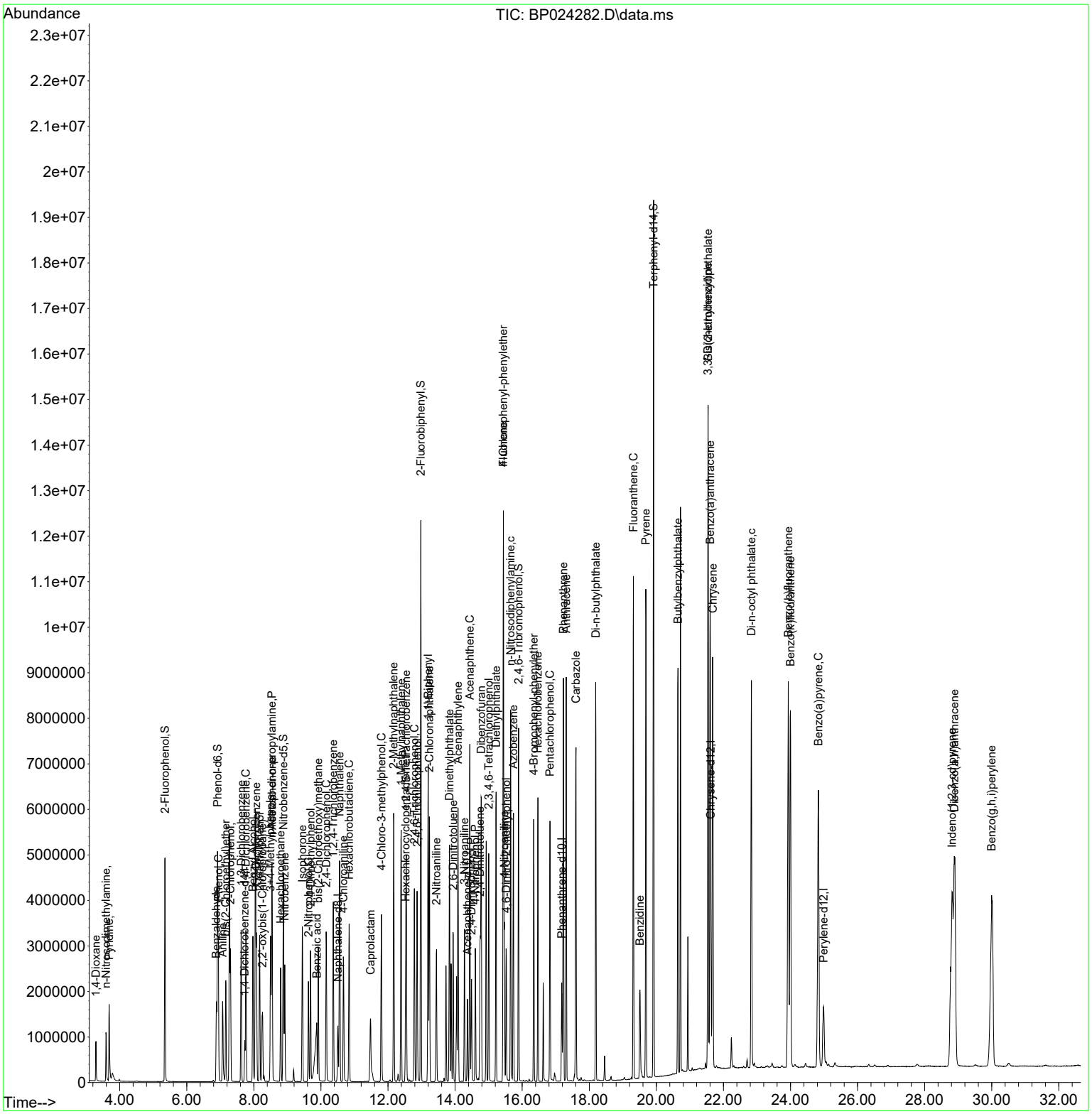
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	1103073	85.819	ng	98
46) 1,1'-Biphenyl	13.198	154	3665607	77.381	ng	99
47) 2-Chloronaphthalene	13.234	162	2766302	78.257	ng	99
48) 2-Nitroaniline	13.445	65	848619	86.912	ng	98
49) Acenaphthylene	14.087	152	4438648	80.004	ng	100
50) Dimethylphthalate	13.834	163	3659579	78.201	ng	99
51) 2,6-Dinitrotoluene	13.945	165	814314	82.589	ng	98
52) Acenaphthene	14.439	154	2761536	78.270	ng	100
53) 3-Nitroaniline	14.281	138	919775	89.913	ng	99
54) 2,4-Dinitrophenol	14.492	184	541483	102.567	ng	99
55) Dibenzofuran	14.781	168	4420987	76.402	ng	99
56) 4-Nitrophenol	14.604	139	814261	92.599	ng	98
57) 2,4-Dinitrotoluene	14.745	165	1169554	87.755	ng	98
58) Fluorene	15.439	166	3479094	77.873	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	999335	84.031	ng	100
60) Diethylphthalate	15.222	149	3800651	78.910	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	1689620	77.881	ng	100
62) 4-Nitroaniline	15.469	138	965926	89.063	ng	98
63) Azobenzene	15.739	77	3448680	77.741	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	705506	94.385	ng	92
66) n-Nitrosodiphenylamine	15.657	169	2970516	77.438	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	1137128	81.488	ng	99
68) Hexachlorobenzene	16.469	284	1347567	81.231	ng	97
70) Pentachlorophenol	16.828	266	1027691	90.221	ng	99
71) Phenanthrene	17.228	178	5415046	77.203	ng	100
72) Anthracene	17.316	178	5270987	78.097	ng	99
73) Carbazole	17.604	167	5275449	80.314	ng	100
74) Di-n-butylphthalate	18.192	149	6569078	80.266	ng	100
75) Fluoranthene	19.316	202	6520527	78.322	ng	99
77) Benzidine	19.510	184	1694694m	99.624	ng	
78) Pyrene	19.686	202	6718789	76.195	ng	100
80) Butylbenzylphthalate	20.645	149	3163633	85.104	ng	96
81) Benzo(a)anthracene	21.604	228	6729971	78.335	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	2536509	85.143	ng	99
83) Chrysene	21.680	228	6433173	78.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.545	149	4516949	82.506	ng	98
85) Di-n-octyl phthalate	22.833	149	7969779	90.878	ng	99
87) Indeno(1,2,3-cd)pyrene	28.815	276	9286186	85.280	ng	99
88) Benzo(b)fluoranthene	23.933	252	7677613	81.051	ng	98
89) Benzo(k)fluoranthene	23.998	252	7207214	78.395	ng	100
90) Benzo(a)pyrene	24.833	252	6703562	82.211	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	7614901	84.071	ng	98
92) Benzo(g,h,i)perylene	29.997	276	7750941	84.072	ng	99

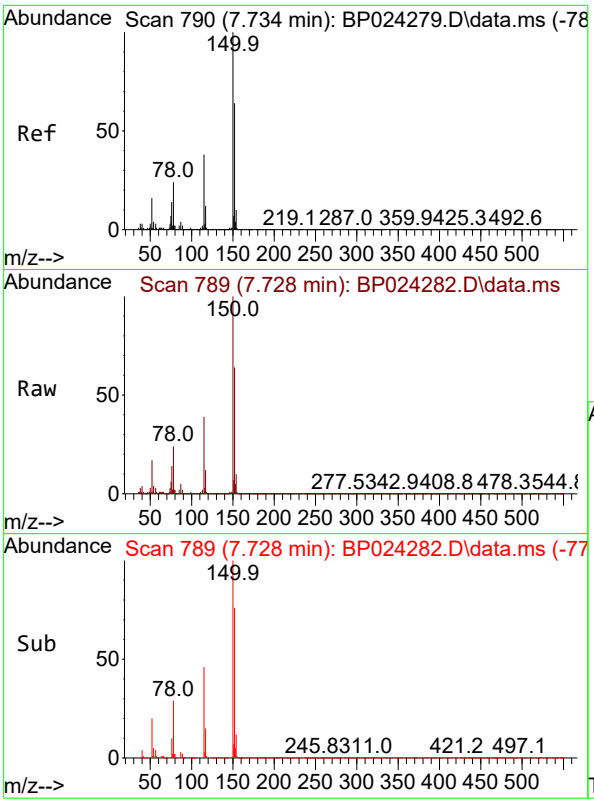
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024282.D
Acq On : 14 Apr 2025 17:13
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Apr 14 18:14:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 17:03:26 2025
Response via : Initial Calibration



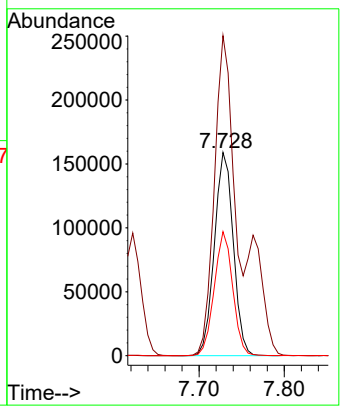


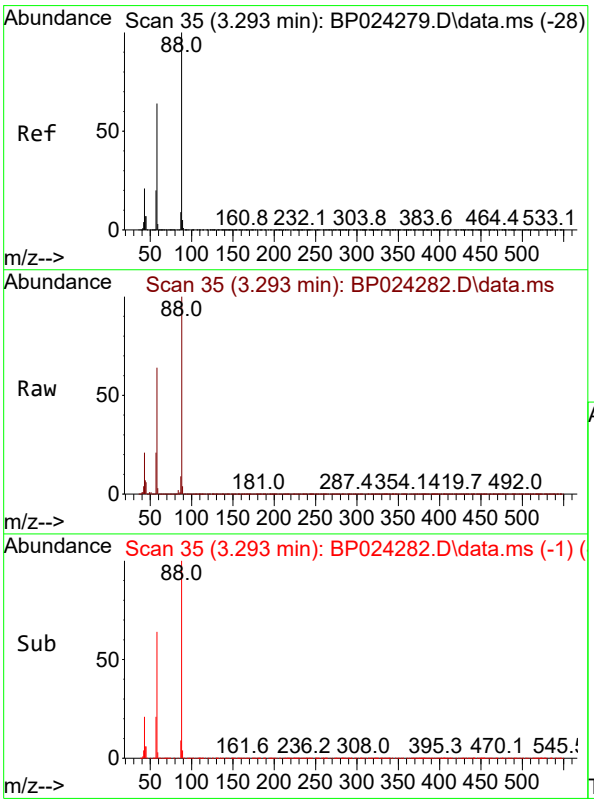
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 244732

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.9	187.3
115	61.0	47.7	71.5

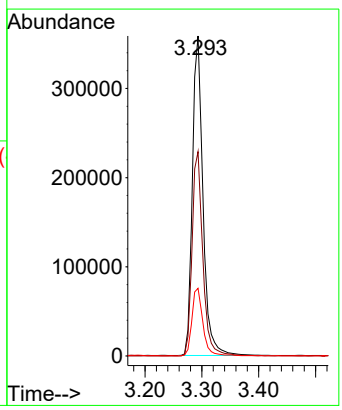


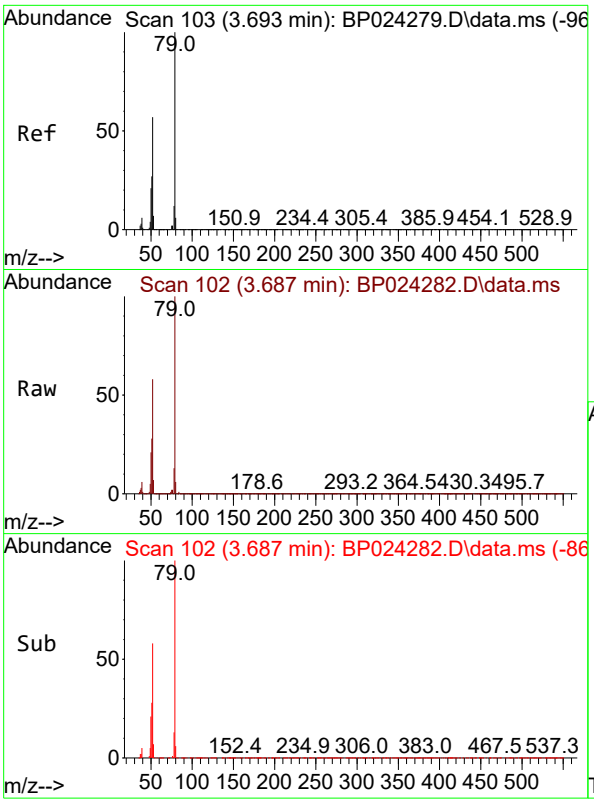


#2
1,4-Dioxane
Concen: 73.805 ng
RT: 3.293 min Scan# 35
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 88 Resp: 467234

Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.4	77.2
43	21.7	17.1	25.7



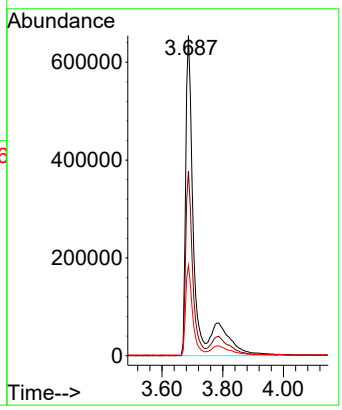


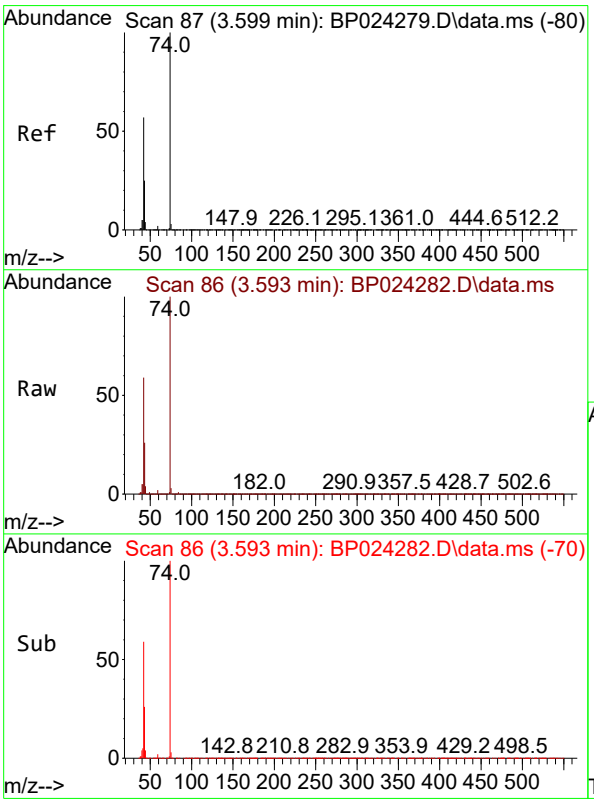
#3
Pyridine
Concen: 81.864 ng m
RT: 3.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1349044

Ion	Ratio	Lower	Upper
79	100		
52	57.7	45.4	68.2
51	28.3	22.6	33.8

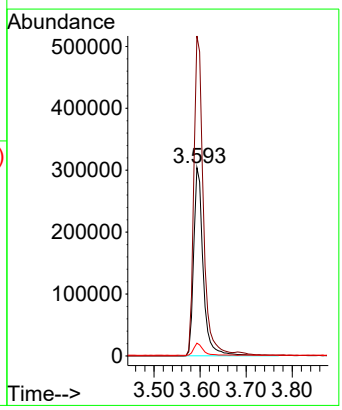


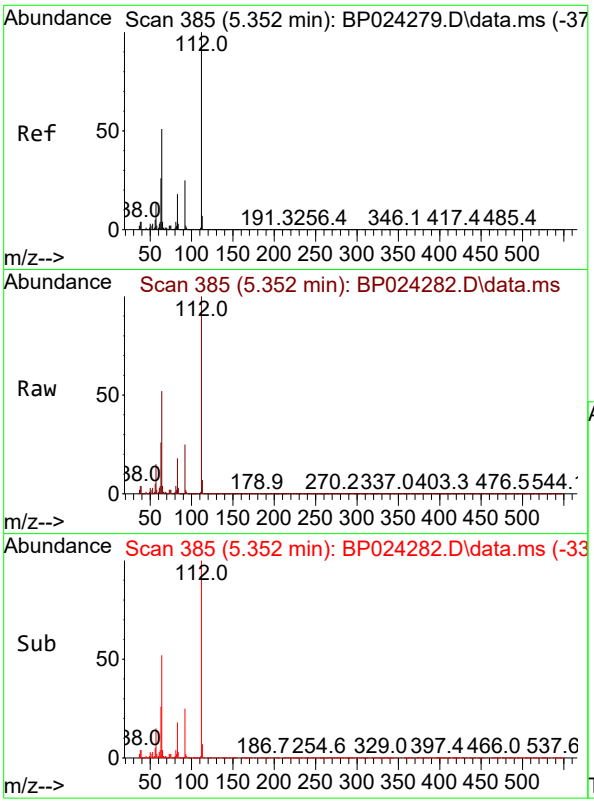


#4
n-Nitrosodimethylamine
Concen: 79.138 ng
RT: 3.593 min Scan# 86
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 42 Resp: 434861

Ion	Ratio	Lower	Upper
42	100		
74	170.0	139.5	209.3
44	6.8	5.8	8.8



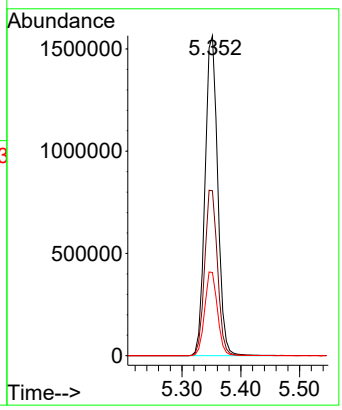


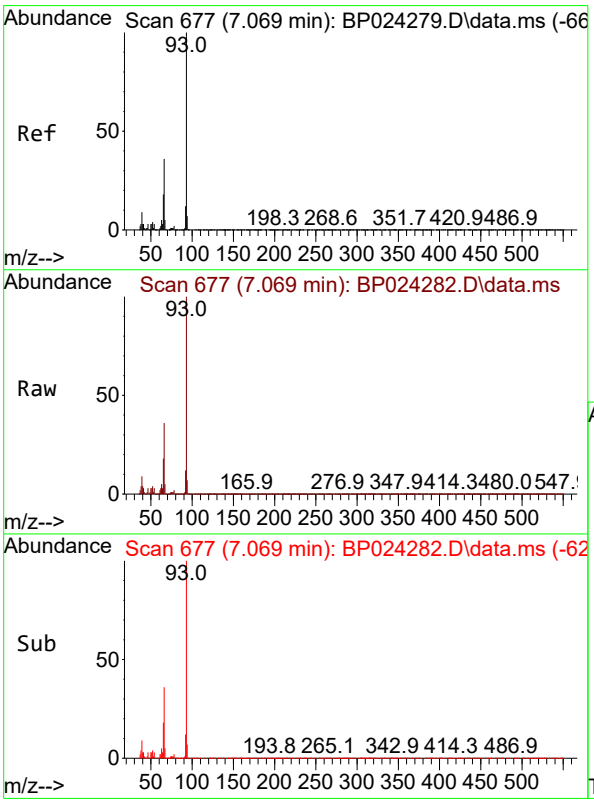
#5
2-Fluorophenol
Concen: 157.905 ng
RT: 5.352 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 2341577

Ion	Ratio	Lower	Upper
112	100		
64	51.6	41.1	61.7
63	26.0	20.6	30.8

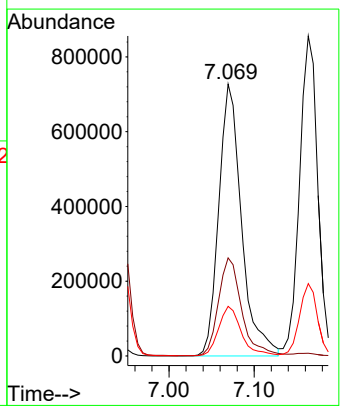


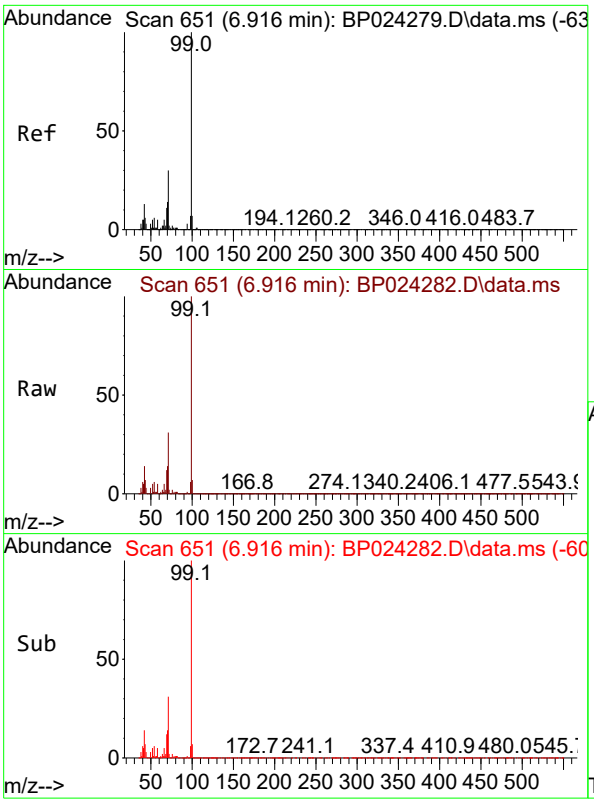


#6
Aniline
Concen: 73.789 ng
RT: 7.069 min Scan# 677
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1351337

Ion	Ratio	Lower	Upper
93	100		
66	36.1	29.1	43.7
65	18.2	14.7	22.1



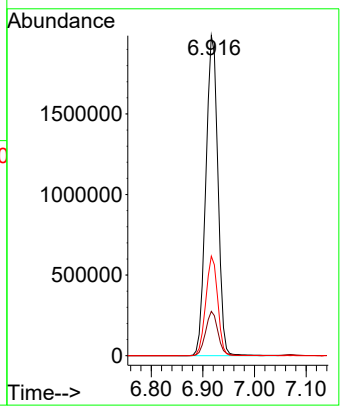


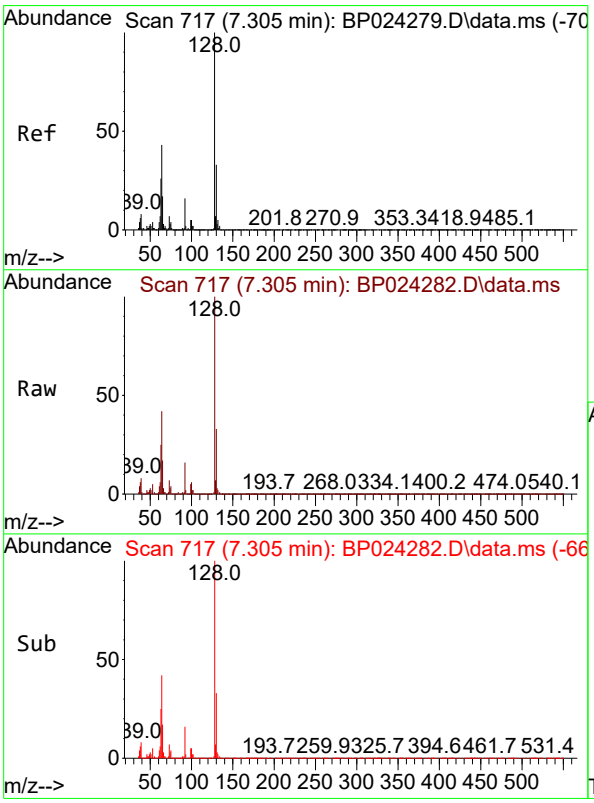
#7
Phenol-d6
Concen: 158.927 ng
RT: 6.916 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 3224074

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.6	16.0
71	31.1	23.7	35.5

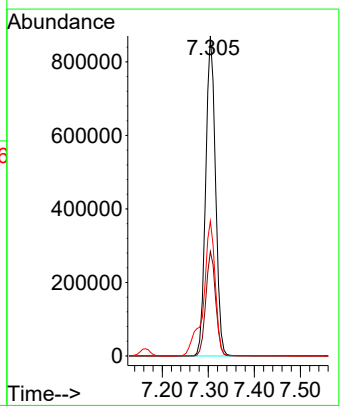


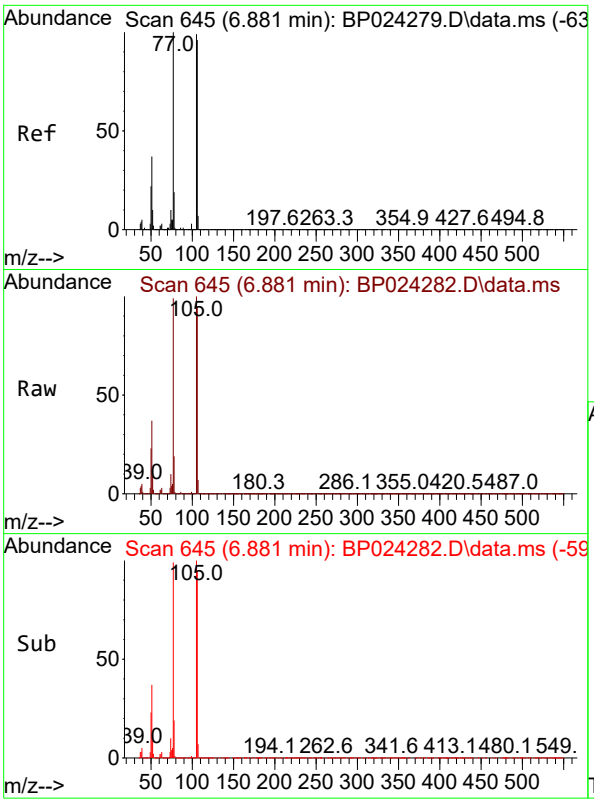


#8
2-Chlorophenol
Concen: 78.433 ng
RT: 7.305 min Scan# 717
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:128 Resp: 1299769

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	42.1	22.7	62.7



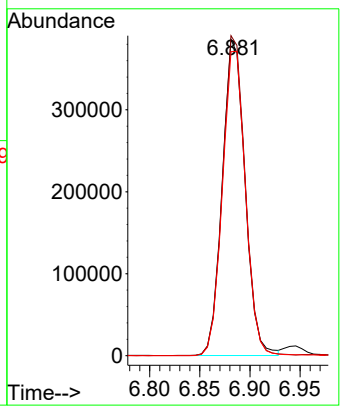


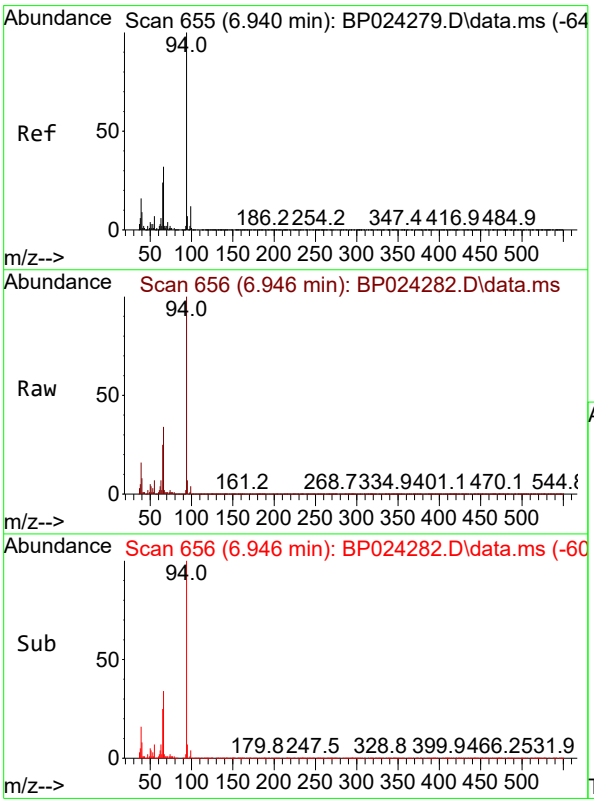
#9
Benzaldehyde
Concen: 57.891 ng
RT: 6.881 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 608272

Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.2	119.2
106	96.2	76.2	116.2

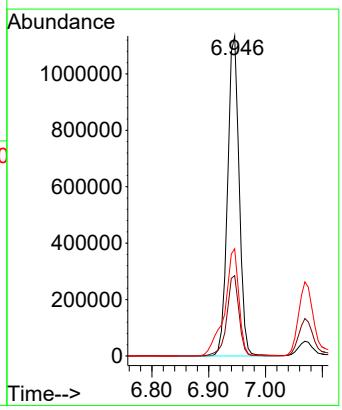


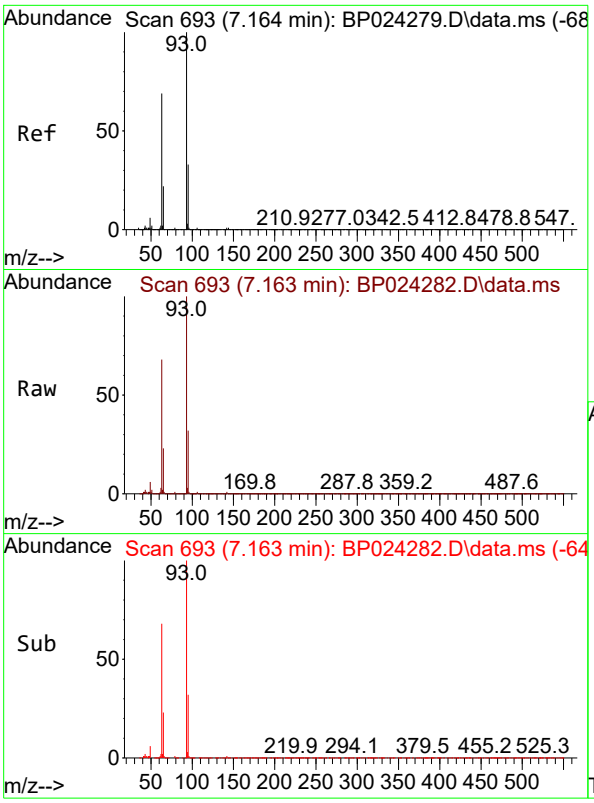


#10
Phenol
Concen: 78.944 ng
RT: 6.946 min Scan# 656
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 94 Resp: 1608027

Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.5	44.5
66	33.5	12.4	52.4



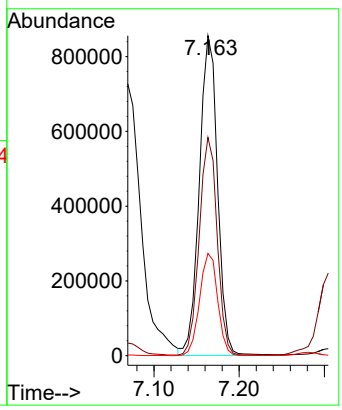


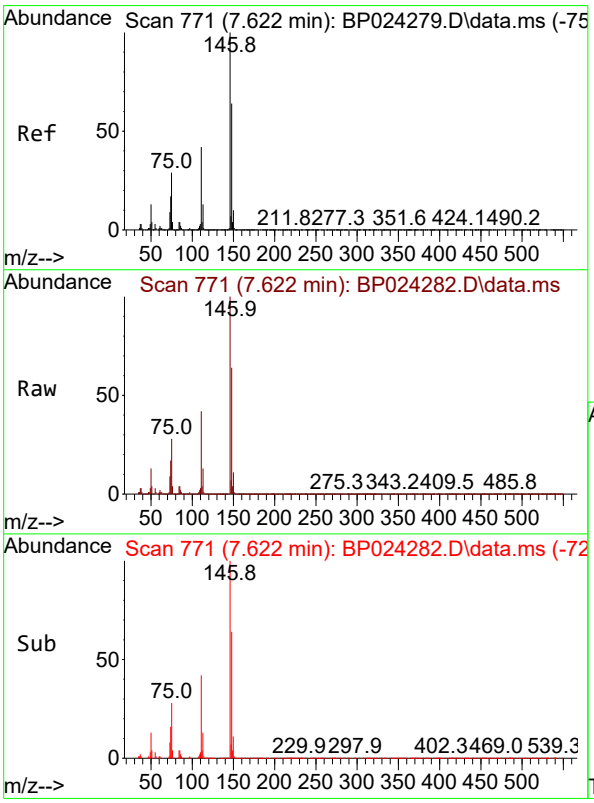
#11
bis(2-Chloroethyl)ether
Concen: 77.297 ng
RT: 7.163 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 1272327

Ion	Ratio	Lower	Upper
93	100		
63	68.2	48.6	88.6
95	31.9	12.3	52.3

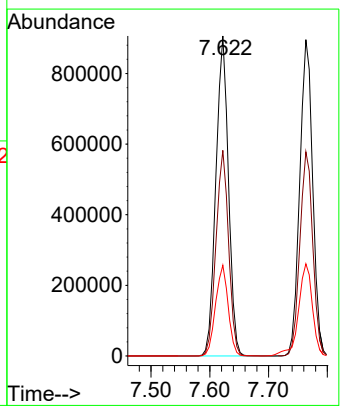


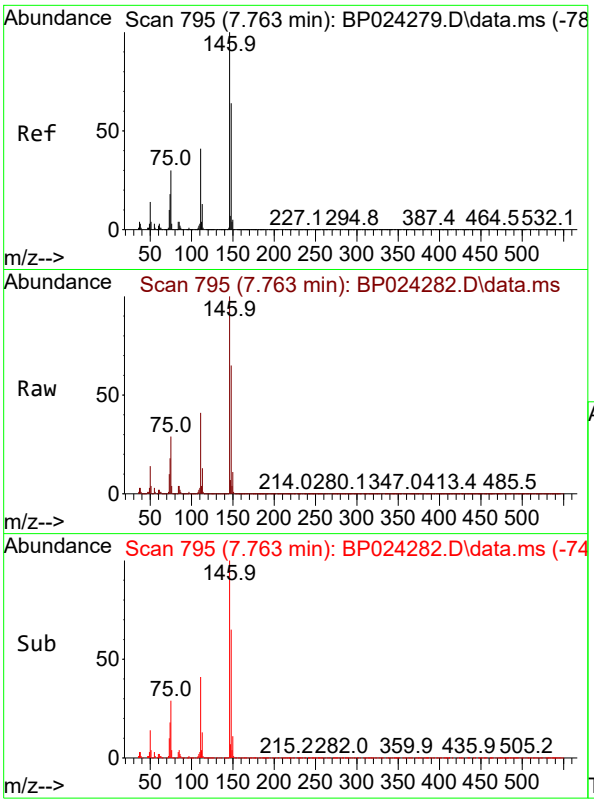


#12
1,3-Dichlorobenzene
Concen: 74.869 ng
RT: 7.622 min Scan# 771
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1344292

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	28.4	22.9	34.3



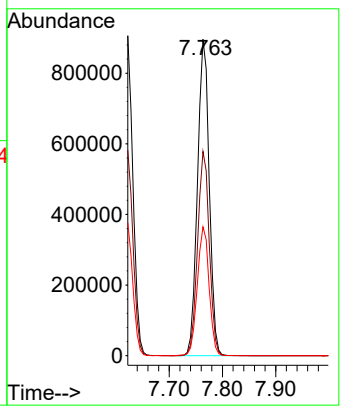


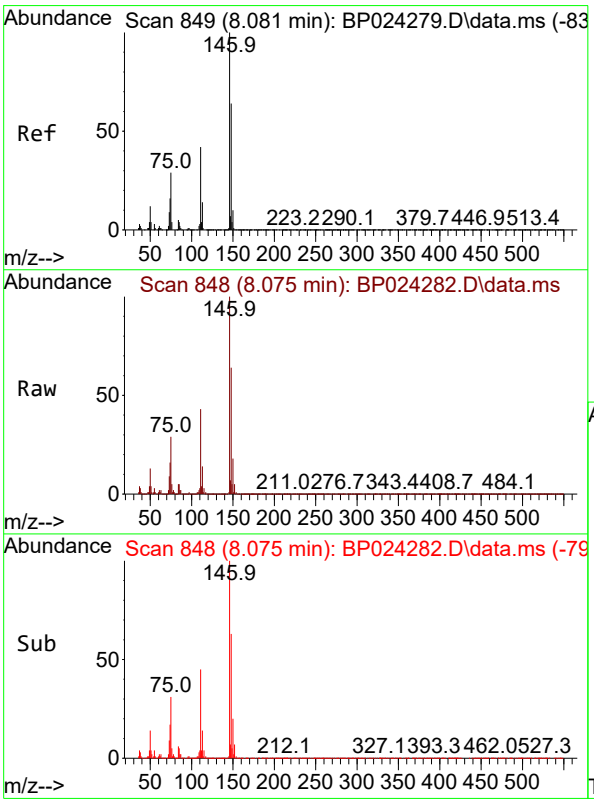
#13
1,4-Dichlorobenzene
Concen: 75.195 ng
RT: 7.763 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 1369087

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	40.7	32.6	48.8

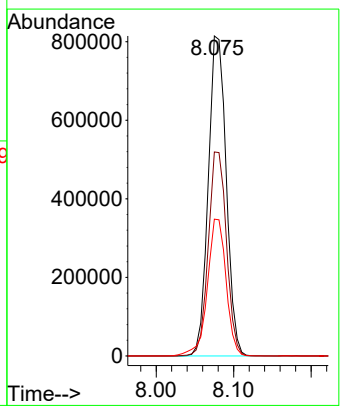


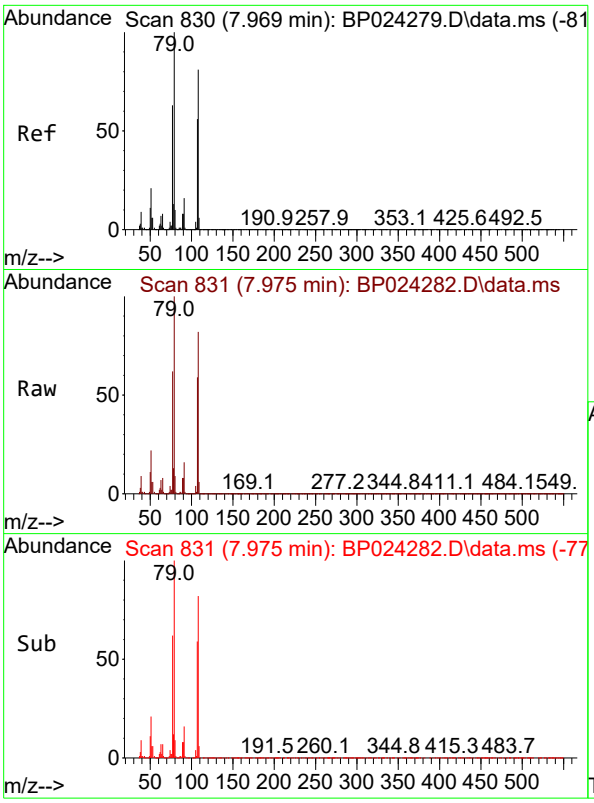


#14
1,2-Dichlorobenzene
Concen: 74.432 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:146 Resp: 1310407

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	42.7	33.8	50.8



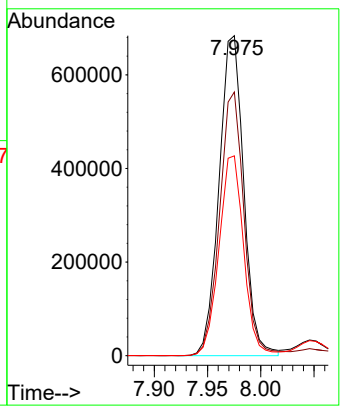


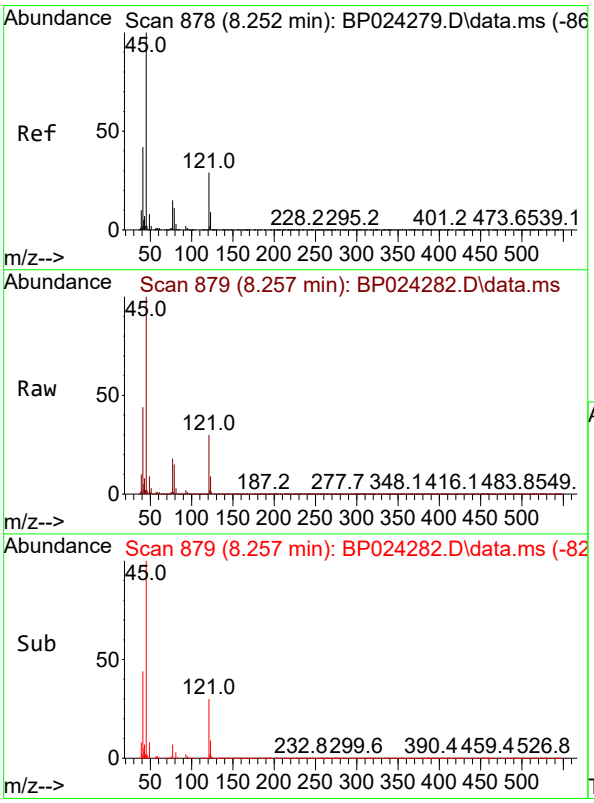
#15
Benzyl Alcohol
Concen: 84.492 ng
RT: 7.975 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 1098602

Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.1	97.7
77	62.4	50.7	76.1

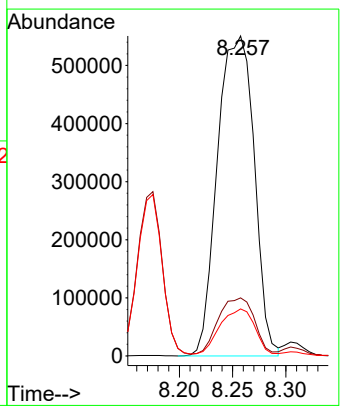


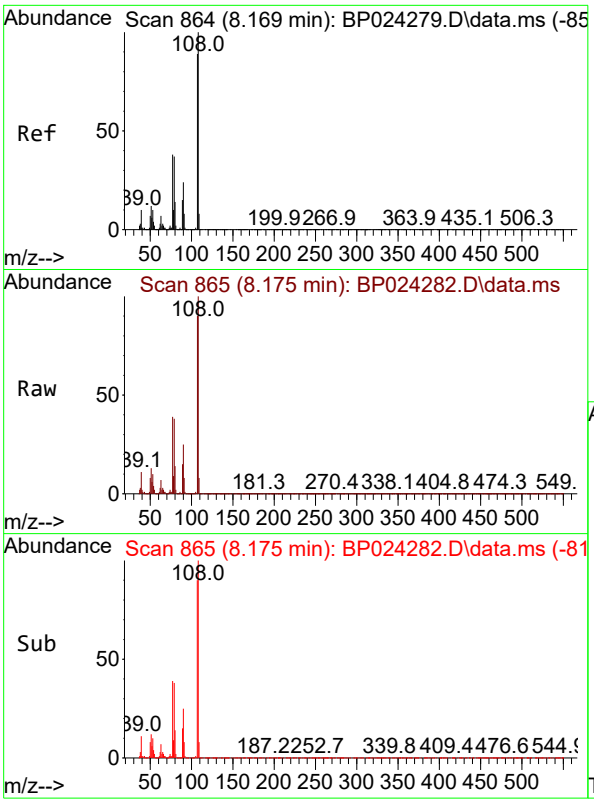


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.704 ng
RT: 8.257 min Scan# 879
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 45 Resp: 1319830

Ion	Ratio	Lower	Upper
45	100		
77	18.1	0.0	37.7
79	14.7	0.0	33.5



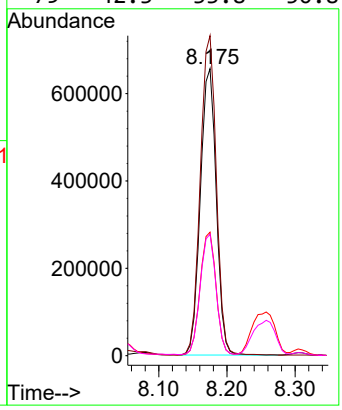


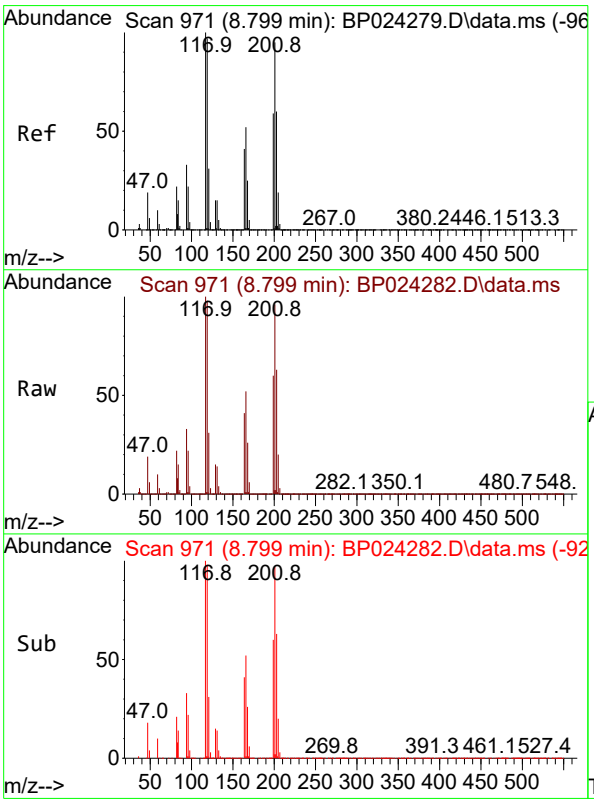
#17
2-Methylphenol
Concen: 81.101 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 1064555

Ion	Ratio	Lower	Upper
107	100		
108	111.5	89.8	134.6
77	43.0	34.2	51.4
79	42.3	33.8	50.8

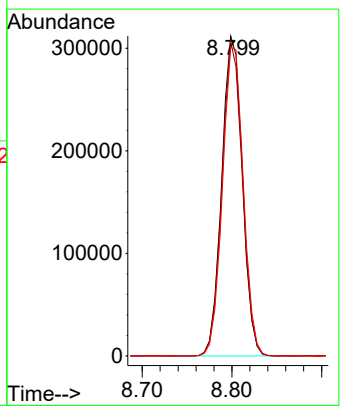


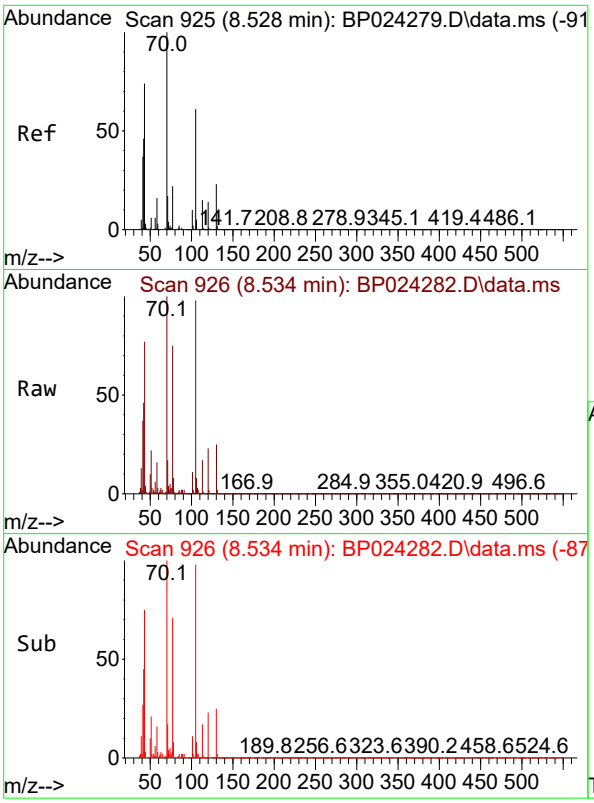


#18
Hexachloroethane
Concen: 75.920 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:117 Resp: 498897

Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.8	116.6
201	96.5	75.9	113.9



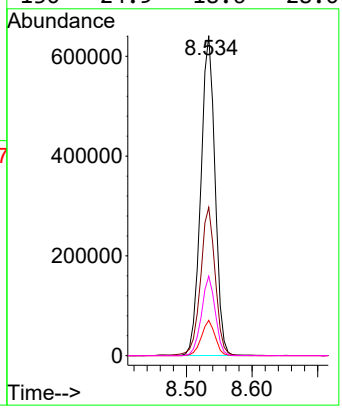


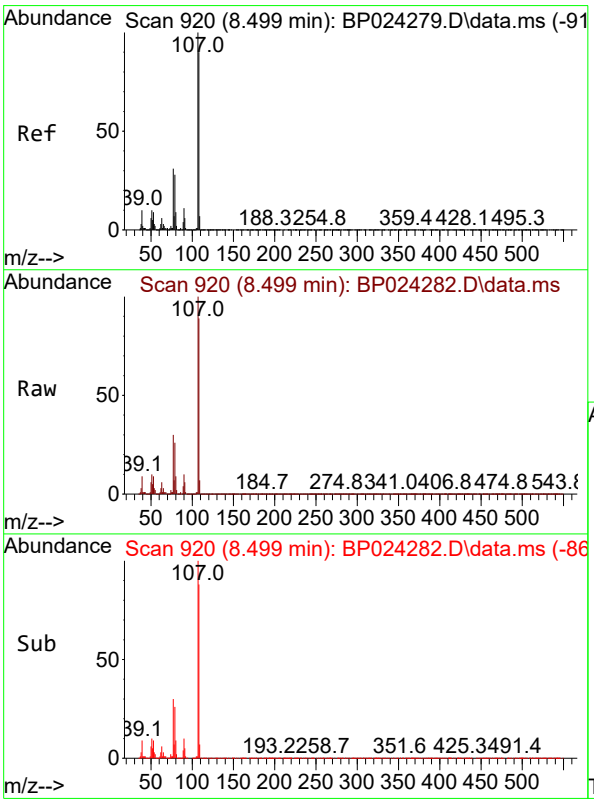
#19
n-Nitroso-di-n-propylamine
Concen: 76.844 ng
RT: 8.534 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 968278

Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	11.0	8.2	12.4
130	24.9	18.6	28.0

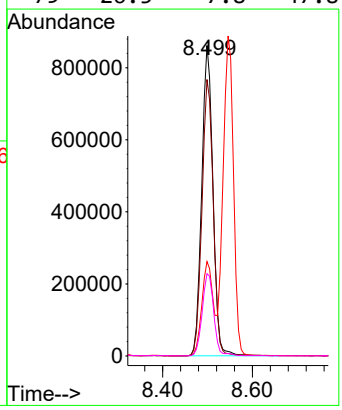


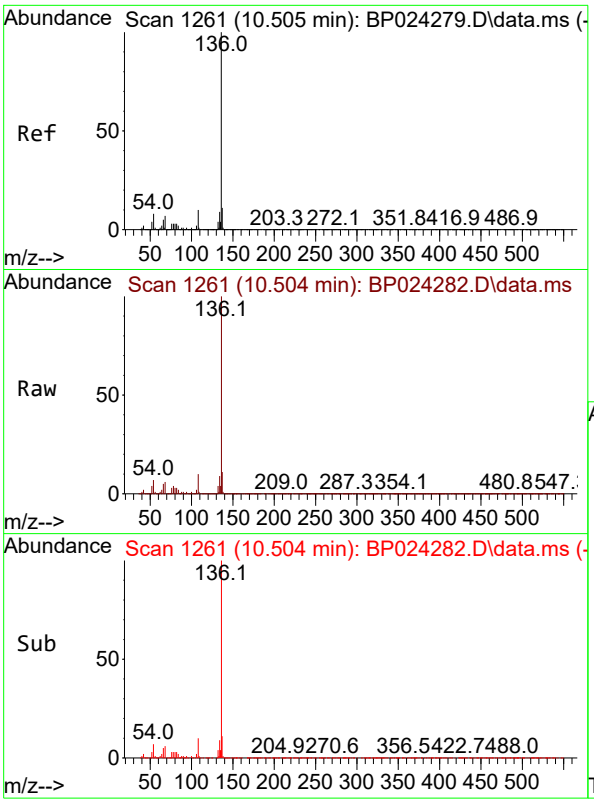


#20
3+4-Methylphenols
Concen: 82.092 ng
RT: 8.499 min Scan# 920
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1492527

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	30.4	11.5	51.5
79	26.5	7.8	47.8



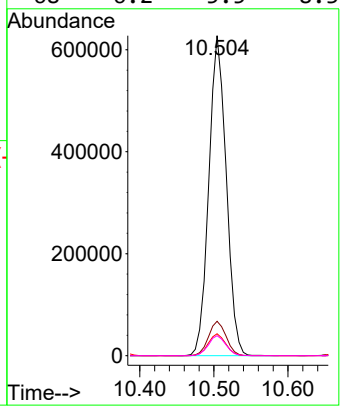


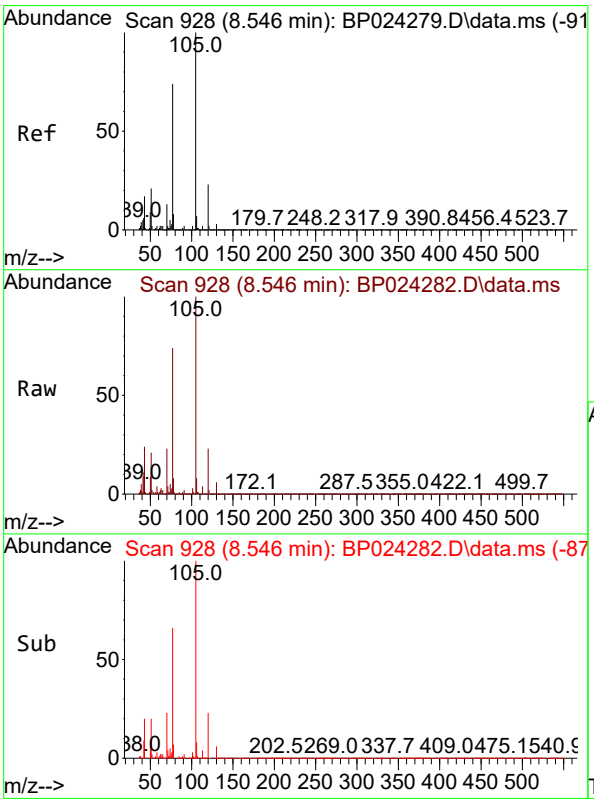
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 1024316

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.9	6.0	9.0
68	6.2	5.5	8.3

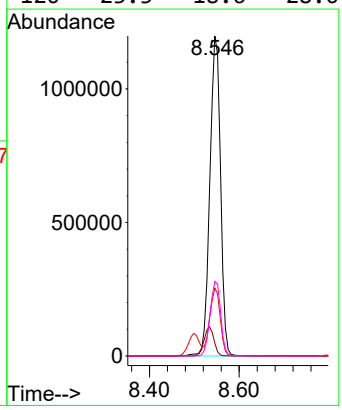


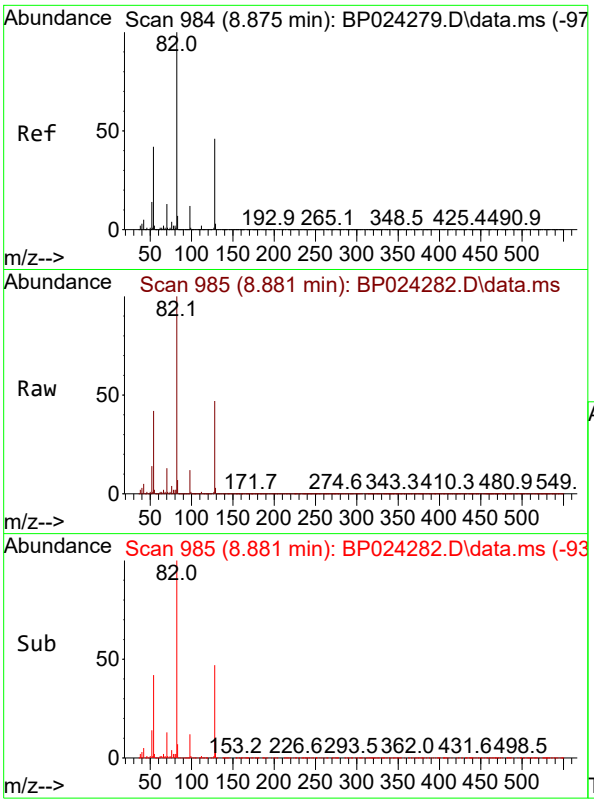


#22
Acetophenone
Concen: 77.680 ng
RT: 8.546 min Scan# 928
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:105 Resp: 1977578

Ion	Ratio	Lower	Upper
105	100		
71	4.0	1.7	2.5#
51	21.2	16.9	25.3
120	23.3	18.6	28.0



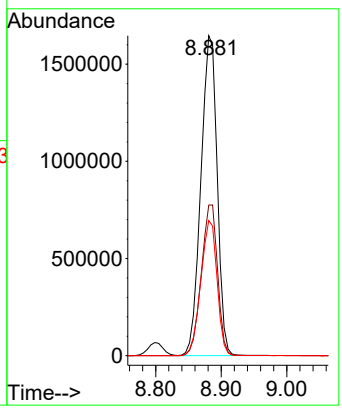


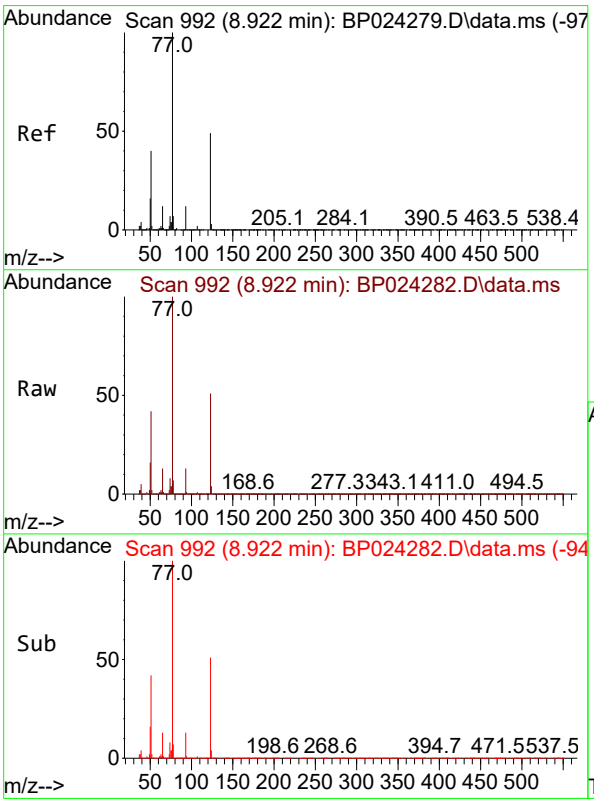
#23
Nitrobenzene-d5
Concen: 158.236 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2847003

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.3	33.4	50.2

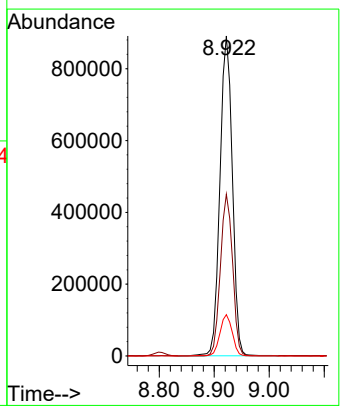


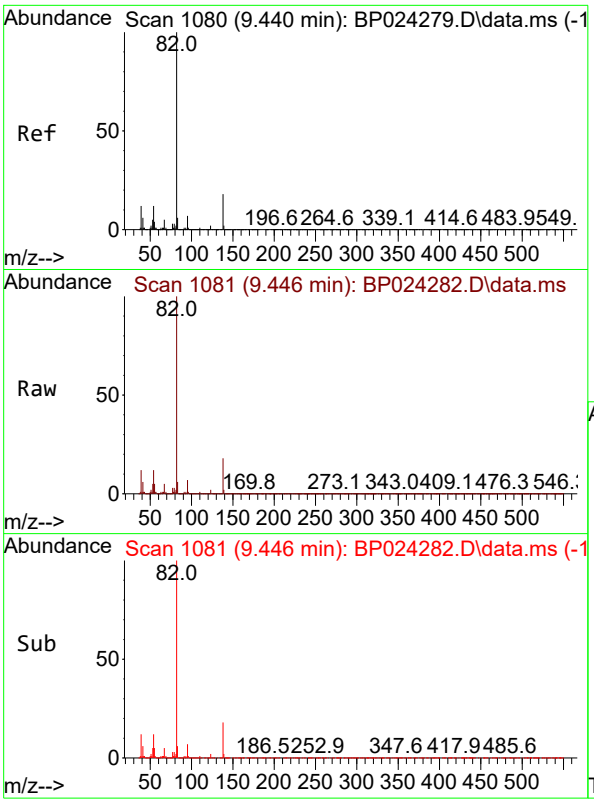


#24
Nitrobenzene
Concen: 78.066 ng
RT: 8.922 min Scan# 992
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 77 Resp: 1392093

Ion	Ratio	Lower	Upper
77	100		
123	50.5	39.2	58.8
65	12.9	9.8	14.6



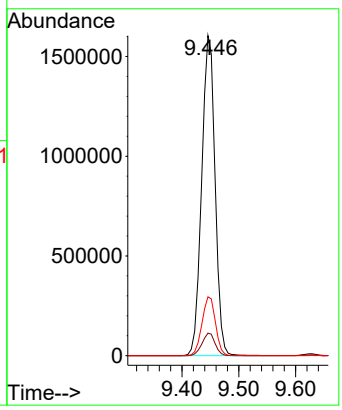


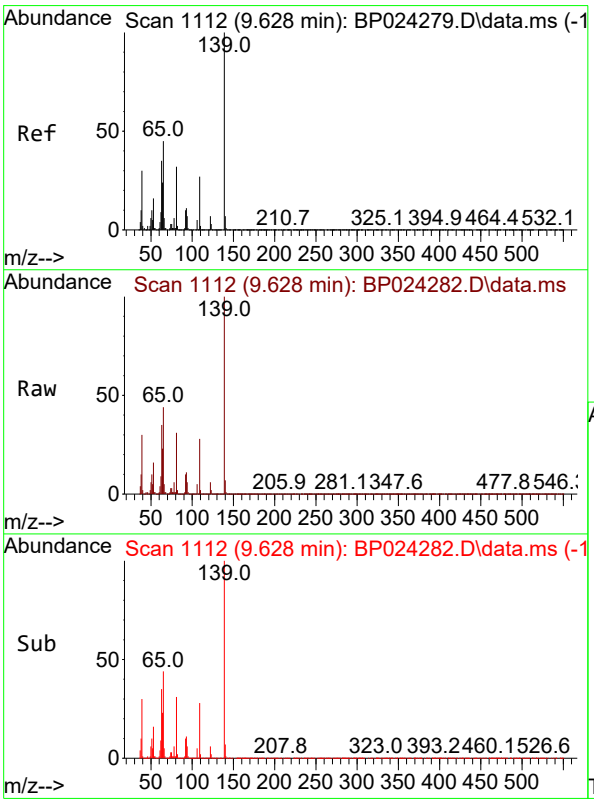
#25
Isophorone
Concen: 80.596 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 2617853

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.2
138	18.4	14.4	21.6

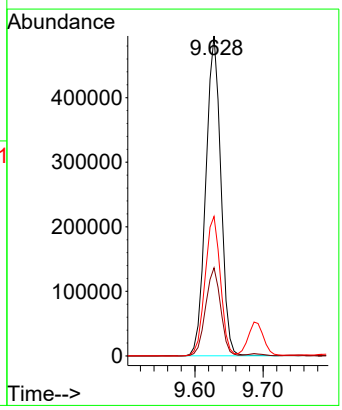


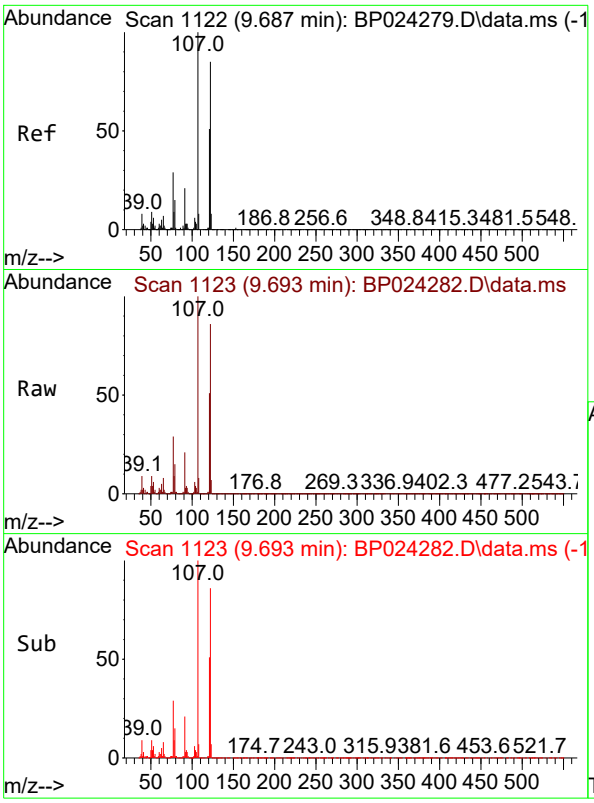


#26
2-Nitrophenol
Concen: 88.768 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 760077

Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	43.6	36.2	54.2



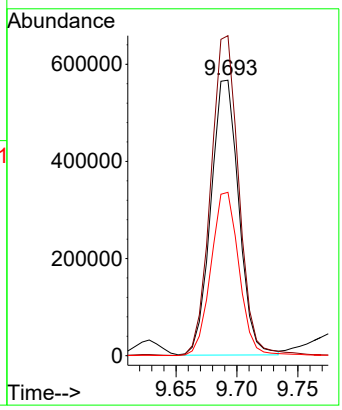


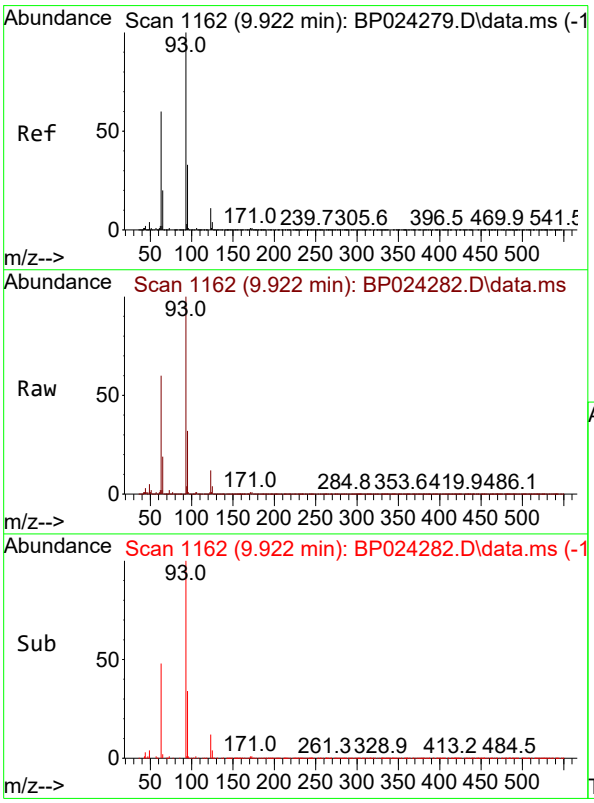
#27
2,4-Dimethylphenol
Concen: 83.475 ng
RT: 9.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 905891

Ion	Ratio	Lower	Upper
122	100		
107	116.1	93.7	140.5
121	59.3	48.2	72.2

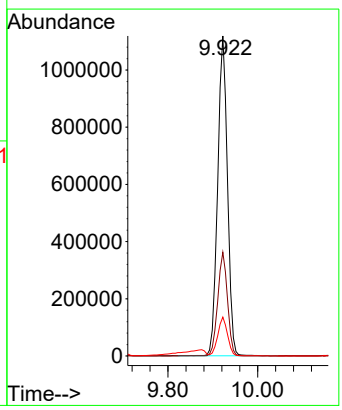


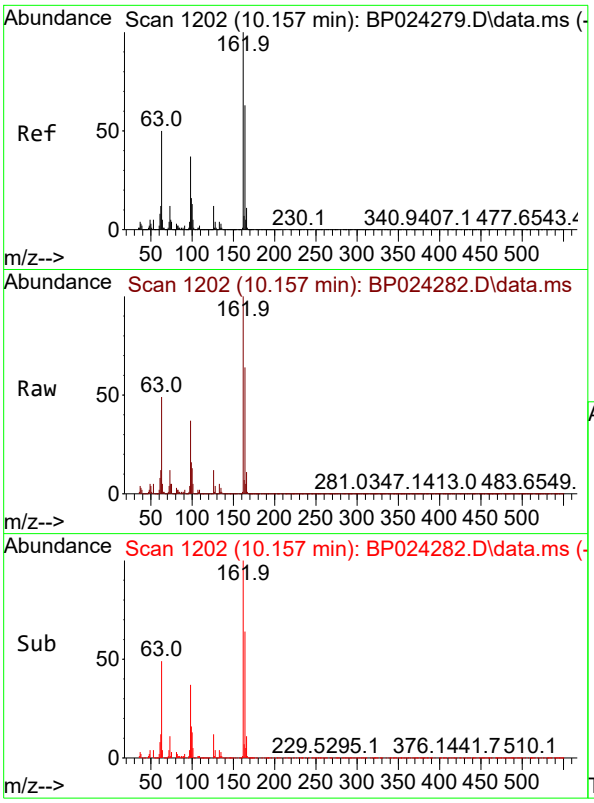


#28
bis(2-Chloroethoxy)methane
Concen: 76.434 ng
RT: 9.922 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 93 Resp: 1689686

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.0	39.0
123	12.2	9.1	13.7



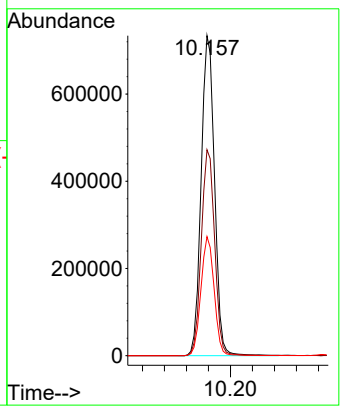


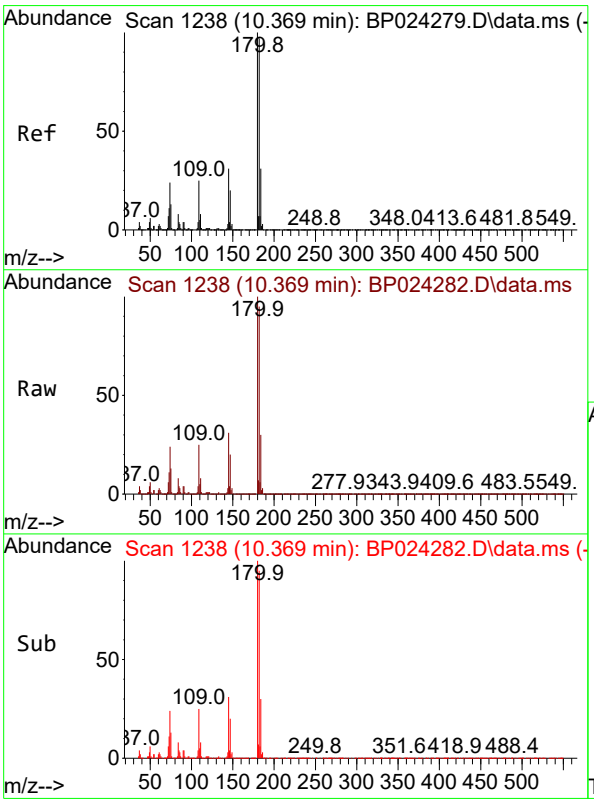
#29
2,4-Dichlorophenol
Concen: 83.719 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1238253

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	37.2	16.6	56.6

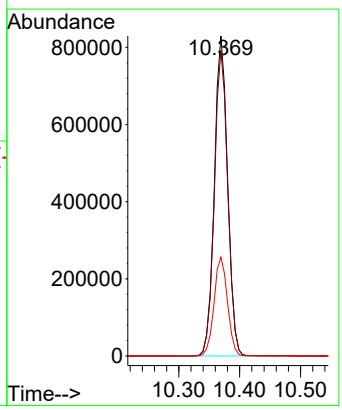


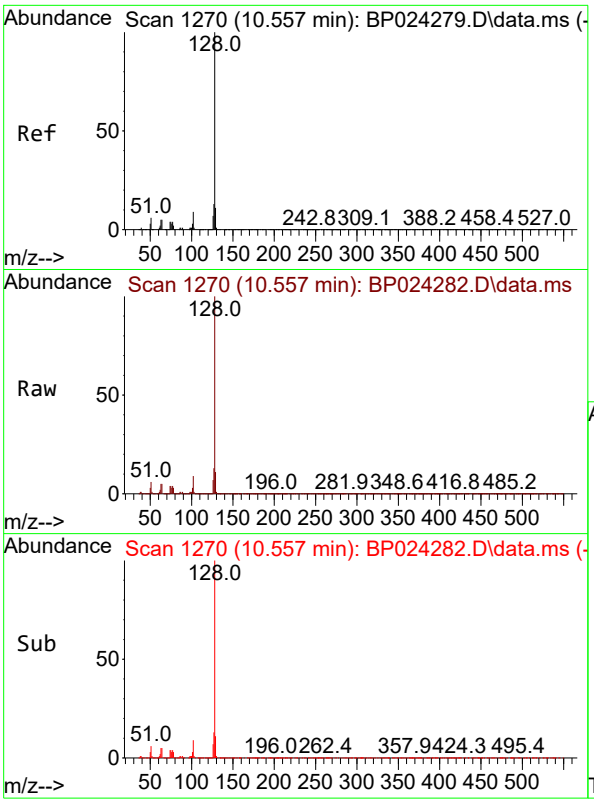


#30
1,2,4-Trichlorobenzene
Concen: 78.272 ng
RT: 10.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:180 Resp: 1252476

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
145	30.9	25.1	37.7



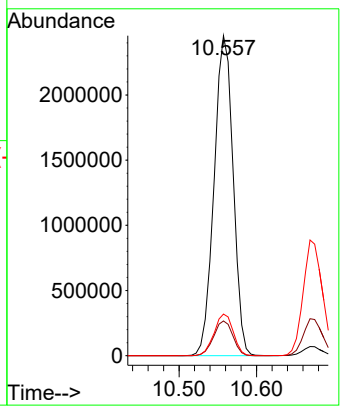


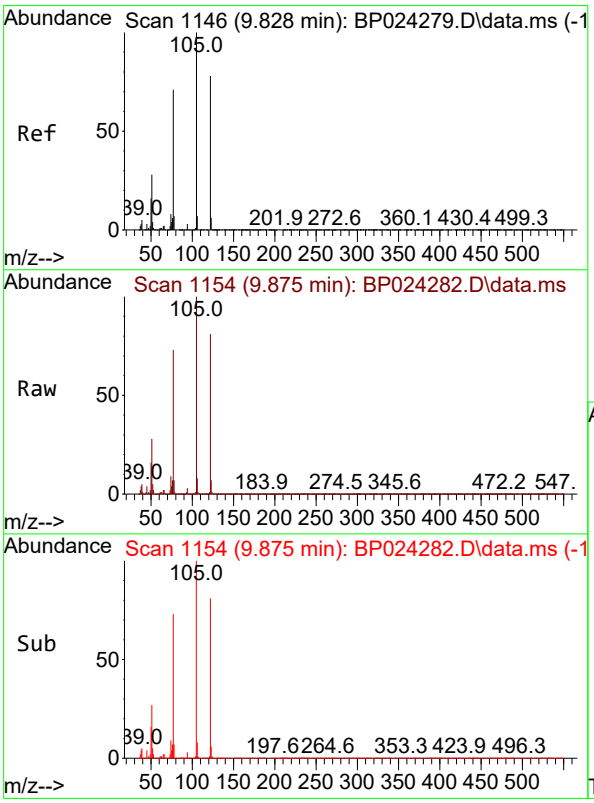
#31
Naphthalene
Concen: 77.287 ng
RT: 10.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 4190486

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.0	10.3	15.5

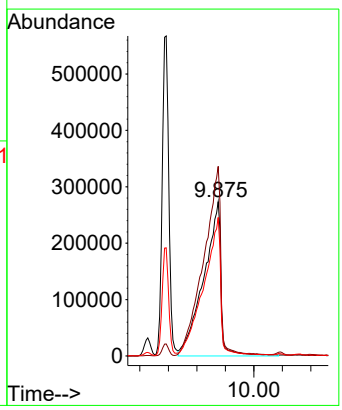


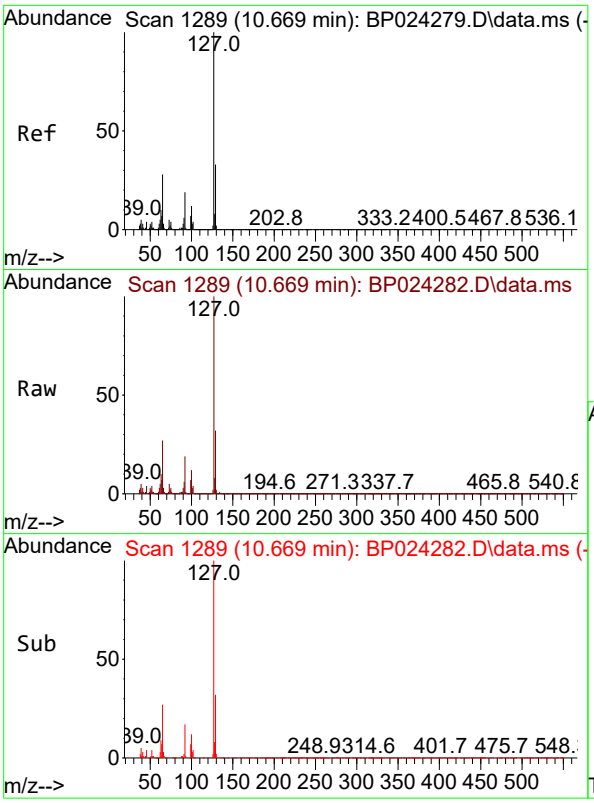


#32
Benzoic acid
Concen: 98.425 ng m
RT: 9.875 min Scan# 1154
Delta R.T. 0.047 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:122 Resp: 1154243

Ion	Ratio	Lower	Upper
122	100		
105	122.9	104.8	144.8
77	89.8	69.2	109.2



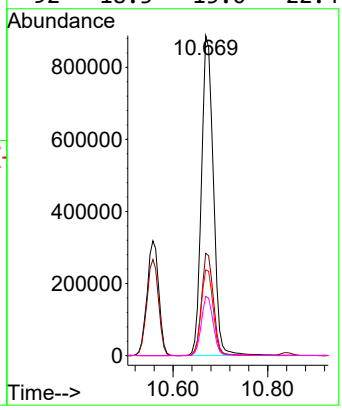


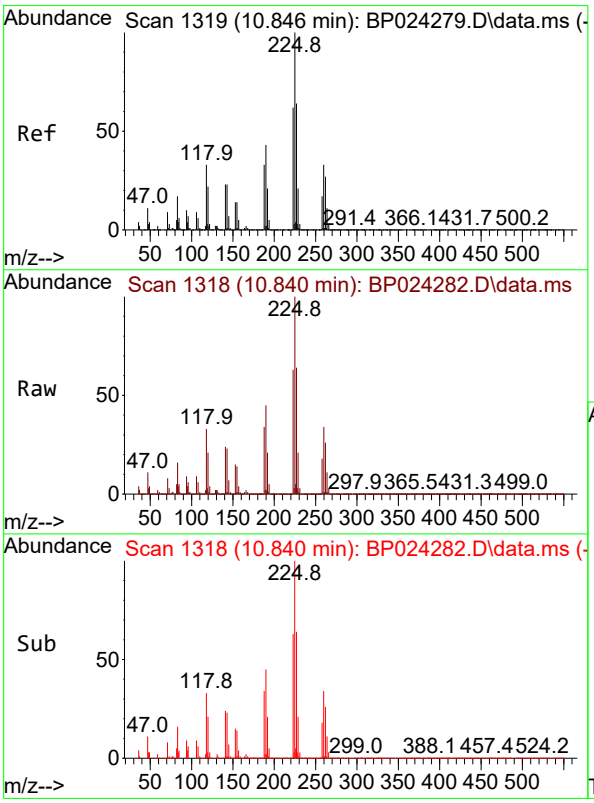
#33
4-Chloroaniline
Concen: 81.682 ng
RT: 10.669 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1547427

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	26.8	22.1	33.1
92	18.5	15.0	22.4

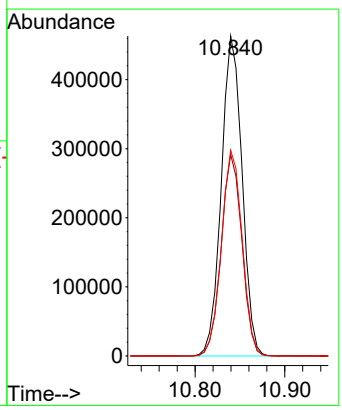


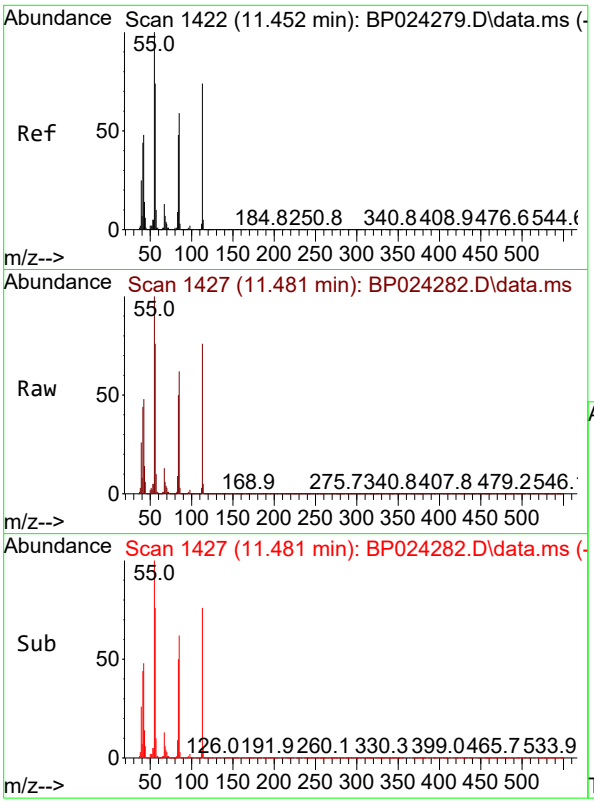


#34
Hexachlorobutadiene
Concen: 79.240 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:225 Resp: 743811

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	64.3	50.9	76.3



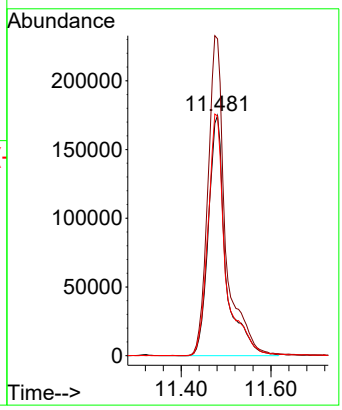


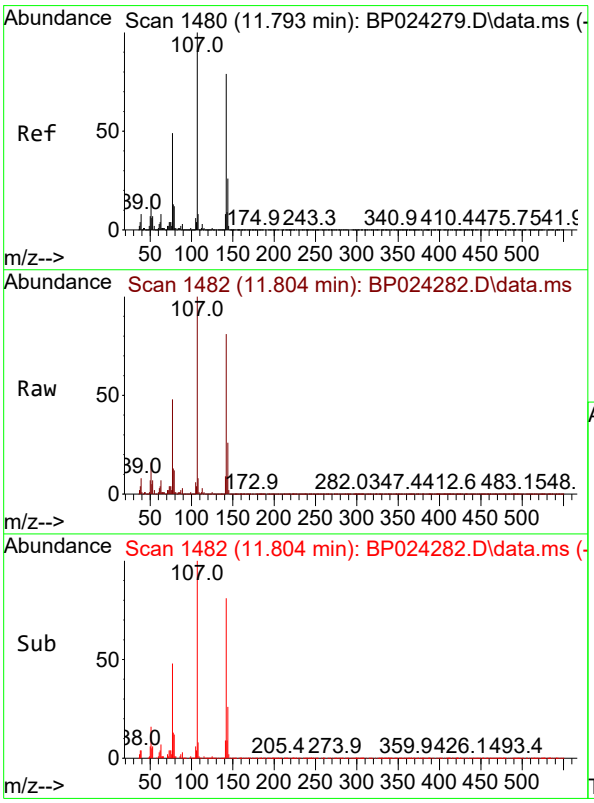
#35
Caprolactam
Concen: 86.534 ng
RT: 11.481 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 469910

Ion	Ratio	Lower	Upper
113	100		
55	131.9	115.9	155.9
56	99.8	81.1	121.1

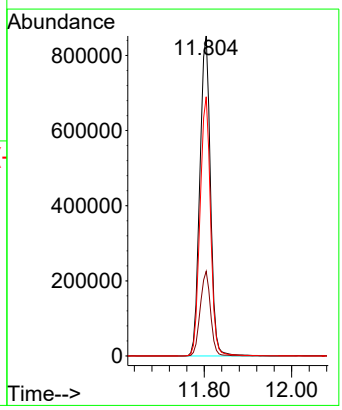


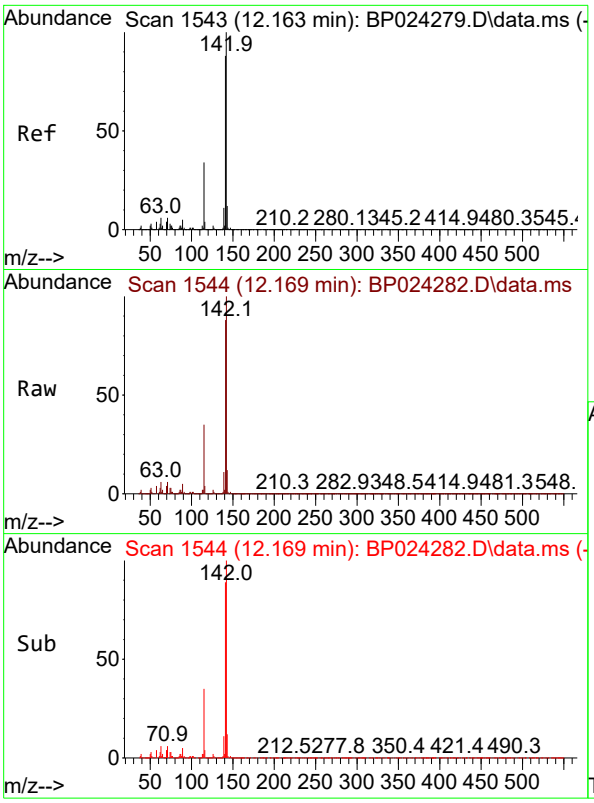


#36
4-Chloro-3-methylphenol
Concen: 83.468 ng
RT: 11.804 min Scan# 1482
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:107 Resp: 1438601

Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.0	63.4	95.2



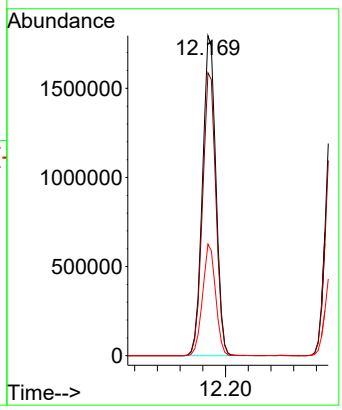


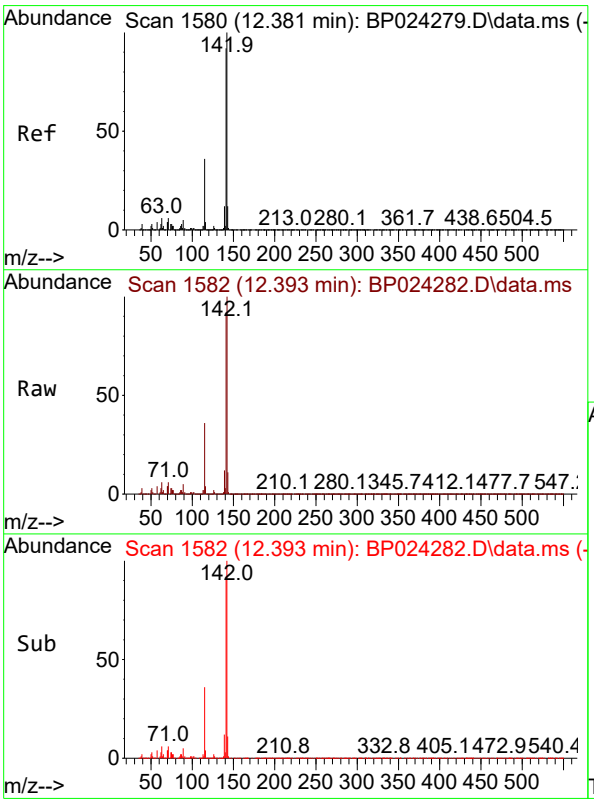
#37
2-Methylnaphthalene
Concen: 77.673 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 2918685

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	34.9	26.9	40.3

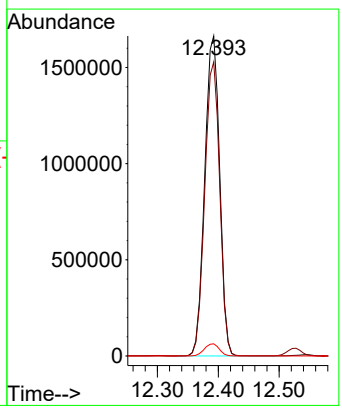


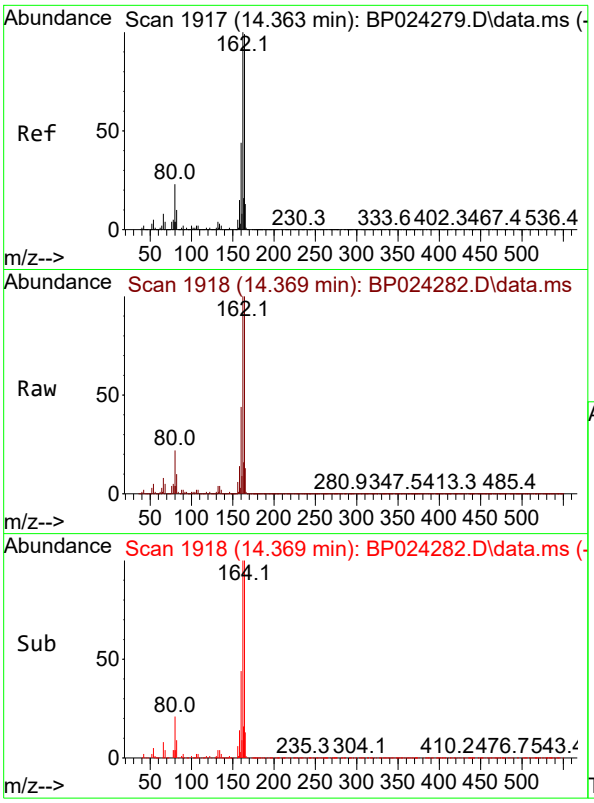


#38
1-Methylnaphthalene
Concen: 76.912 ng
RT: 12.393 min Scan# 1582
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:142 Resp: 2831173

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.6	110.4
116	3.8	3.0	4.6



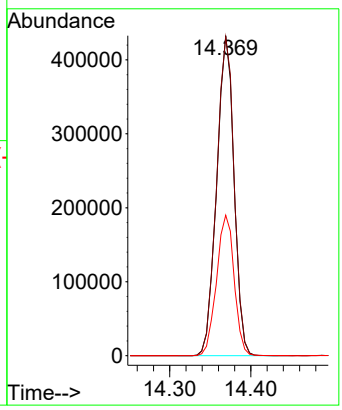


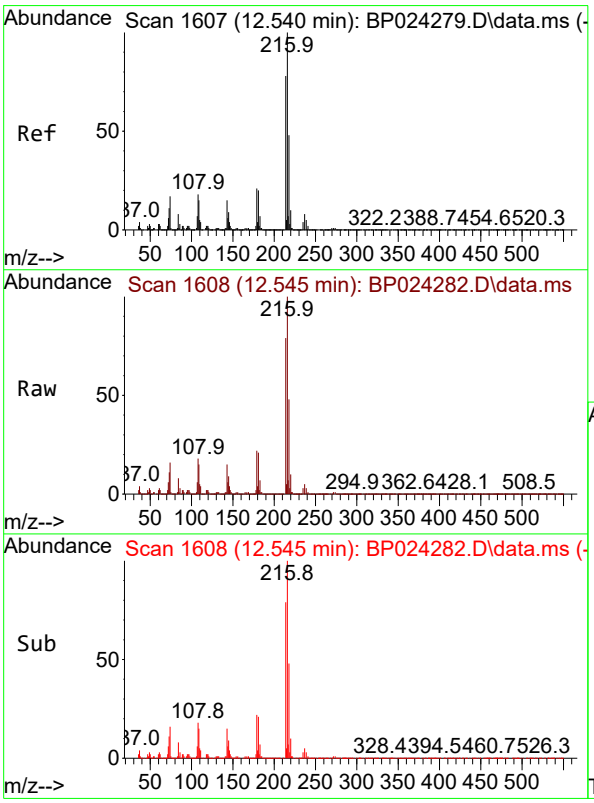
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 641442

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.9	35.3	52.9

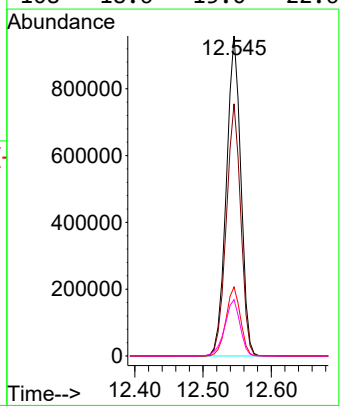


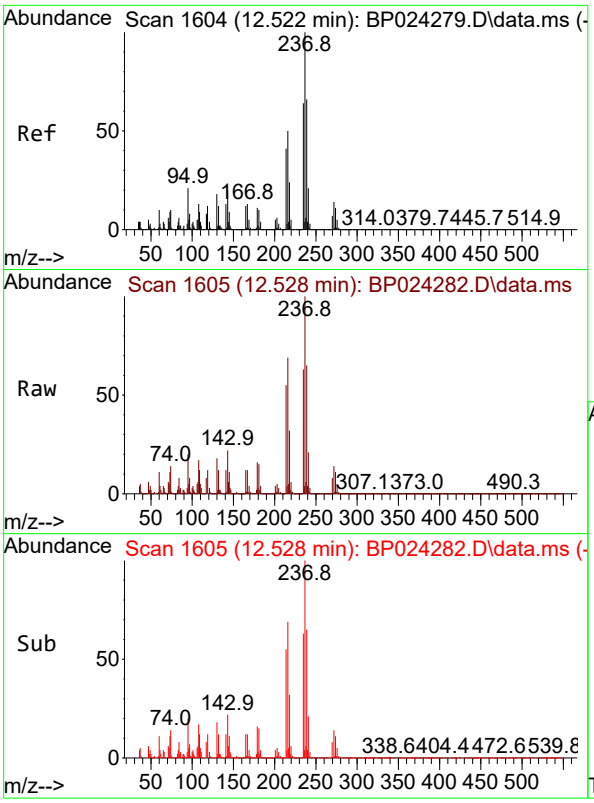


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.378 ng
RT: 12.545 min Scan# 1608
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:216 Resp: 1416894

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	21.5	17.2	25.8
108	18.6	15.0	22.6



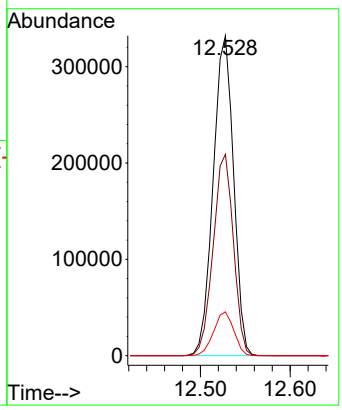


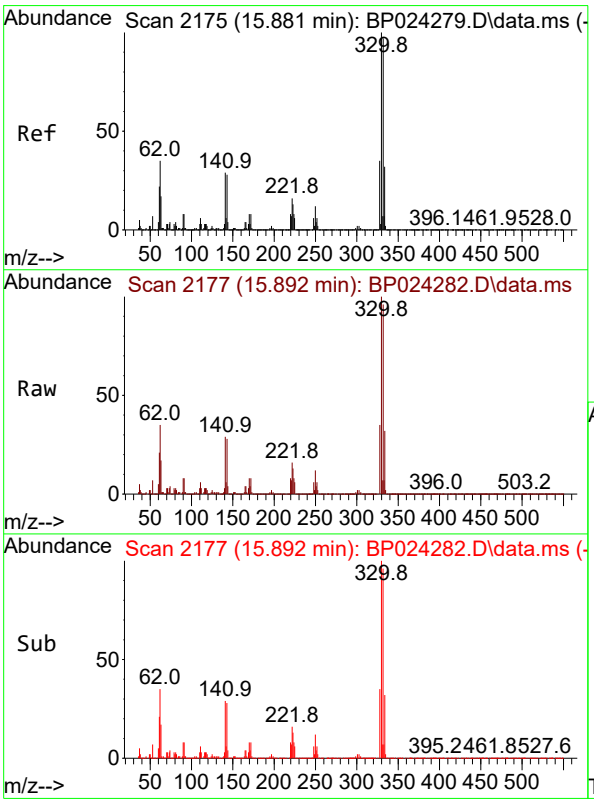
#41
Hexachlorocyclopentadiene
Concen: 84.532 ng
RT: 12.528 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 523136

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.9	83.9
272	13.7	0.0	33.6

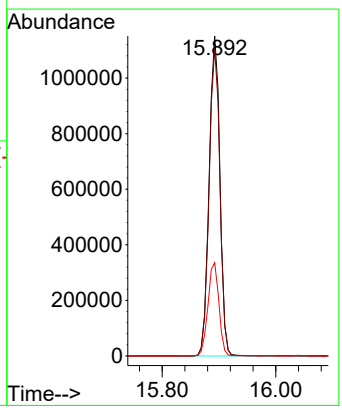


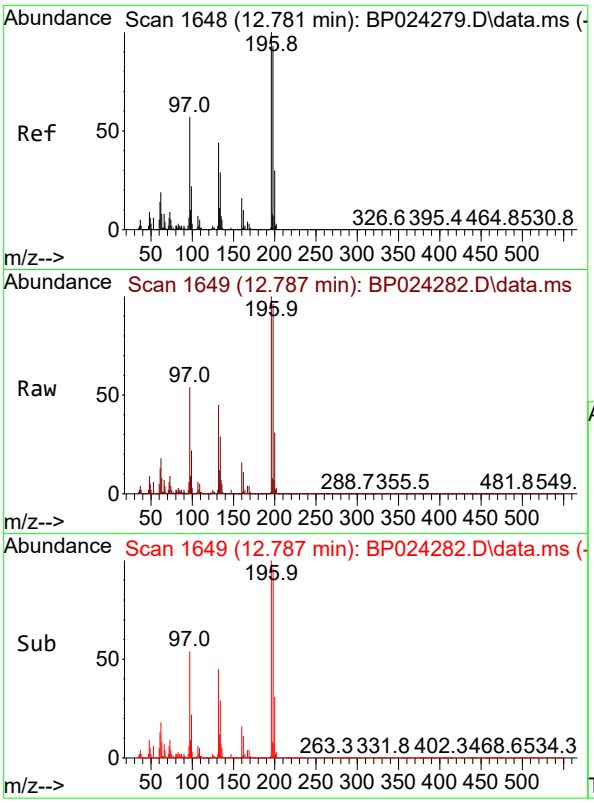


#42
2,4,6-Tribromophenol
Concen: 171.633 ng
RT: 15.892 min Scan# 2177
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:330 Resp: 1507534

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	29.7	24.7	37.1



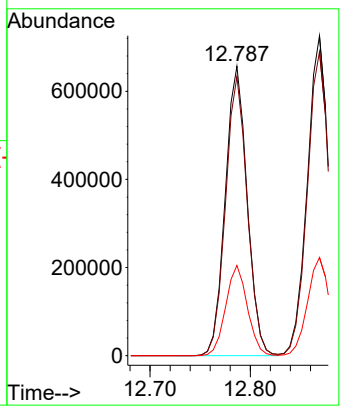


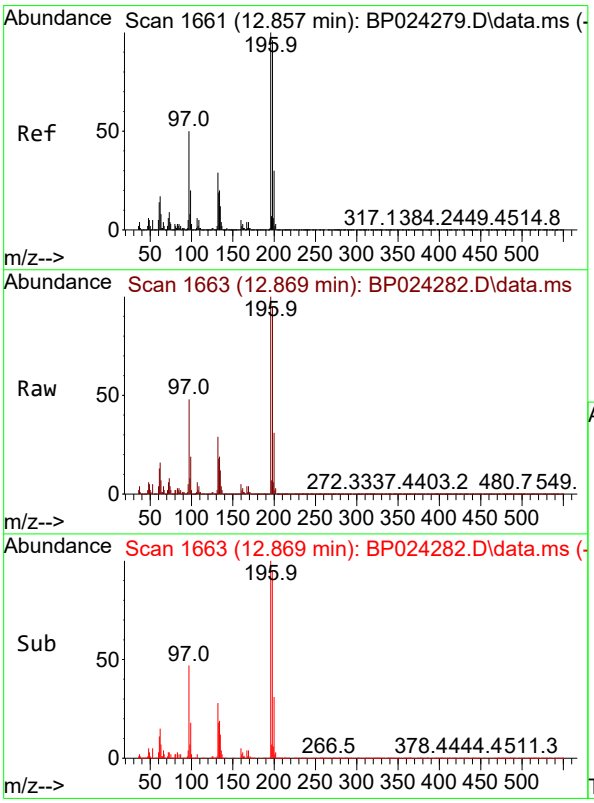
#43
2,4,6-Trichlorophenol
Concen: 86.244 ng
RT: 12.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 1000309

Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.3	111.5
200	31.2	24.0	36.0

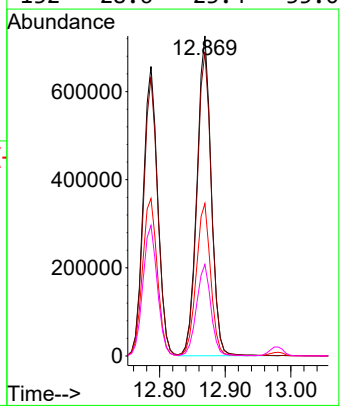


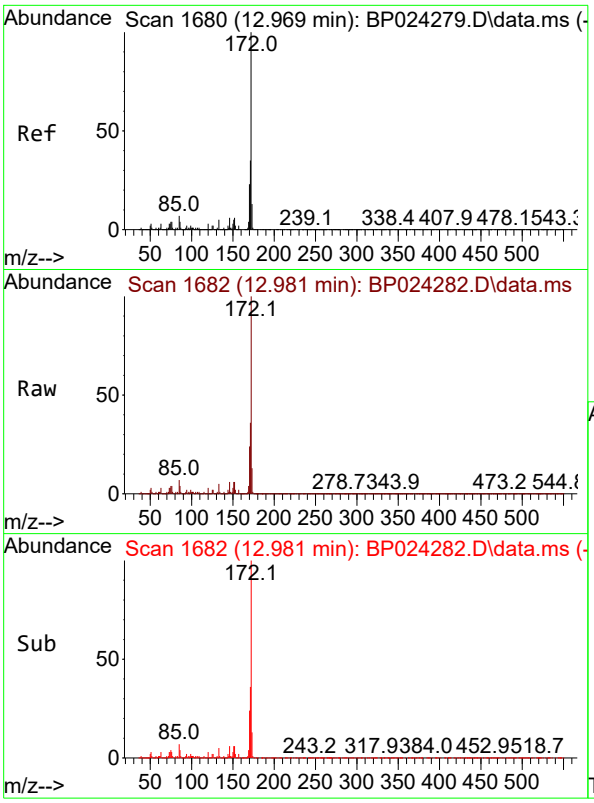


#44
2,4,5-Trichlorophenol
Concen: 85.819 ng
RT: 12.869 min Scan# 1663
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:196 Resp: 1103073

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.7	40.4	60.6
132	28.6	23.4	35.0



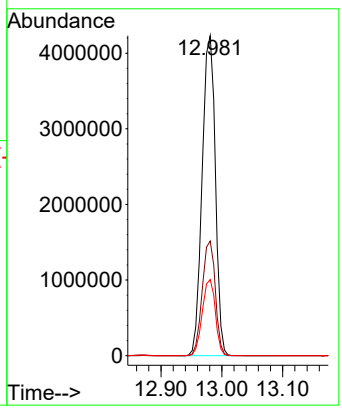


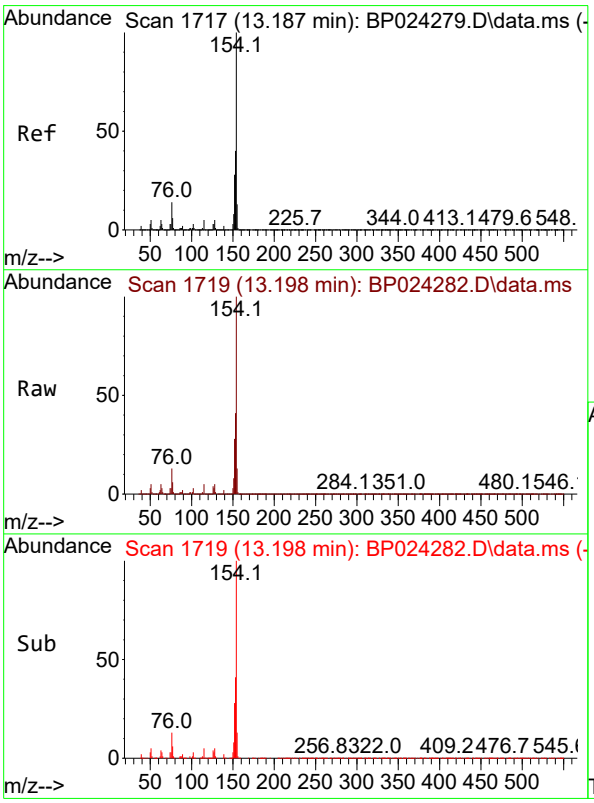
#45
2-Fluorobiphenyl
Concen: 150.596 ng
RT: 12.981 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 6362479

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.8	18.6	27.8

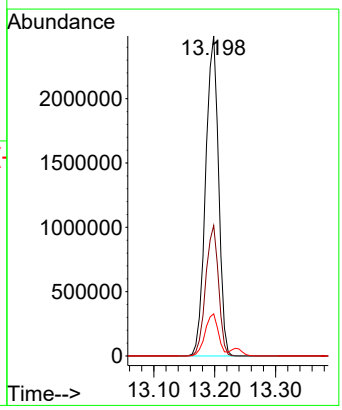


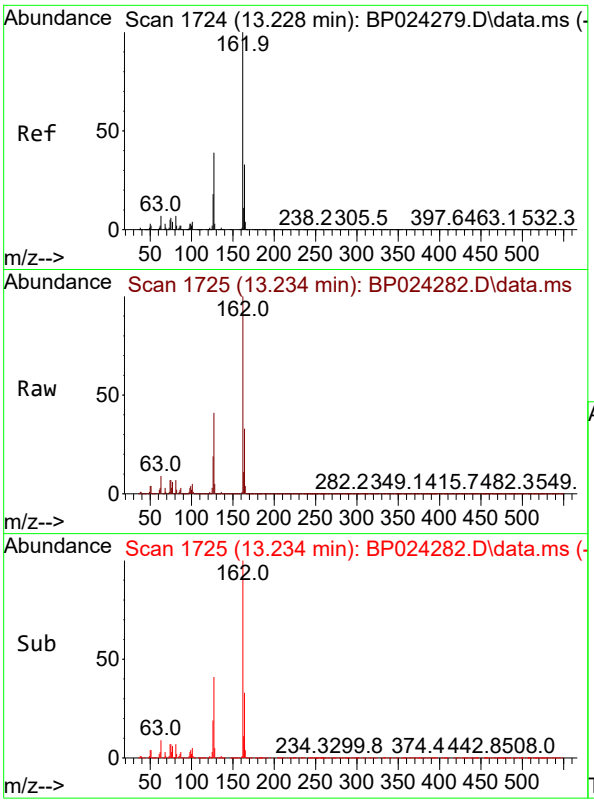


#46
1,1'-Biphenyl
Concen: 77.381 ng
RT: 13.198 min Scan# 1719
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 3665607

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	13.2	0.0	33.5



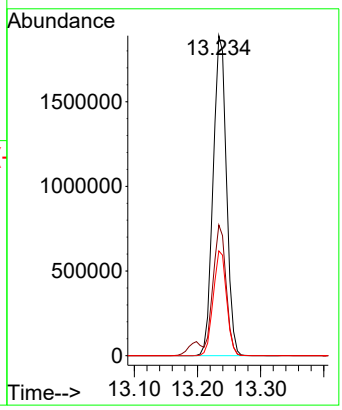


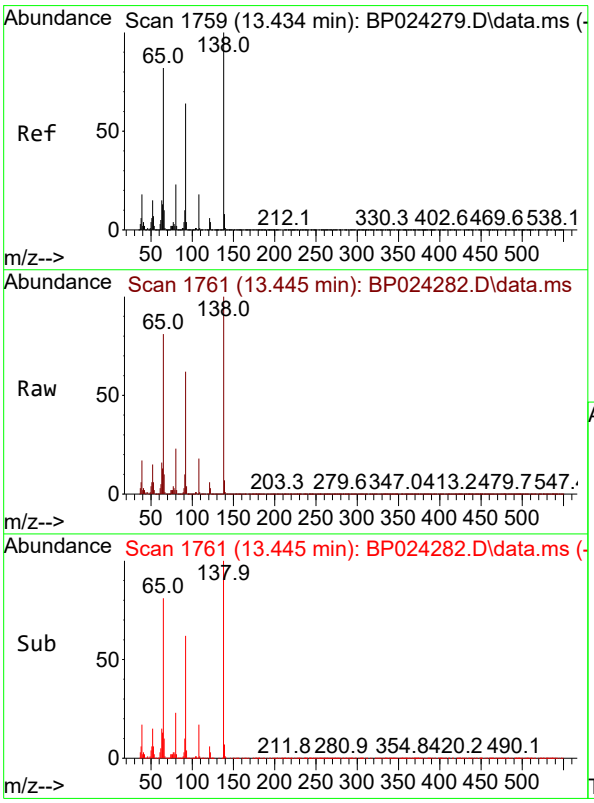
#47
2-Chloronaphthalene
Concen: 78.257 ng
RT: 13.234 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 2766302

Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	32.8	26.2	39.4

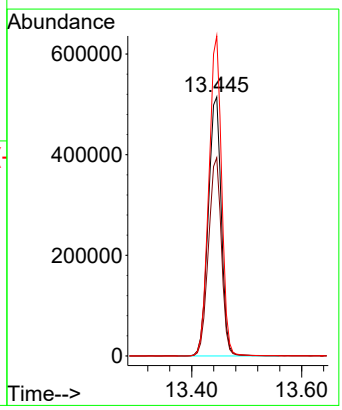


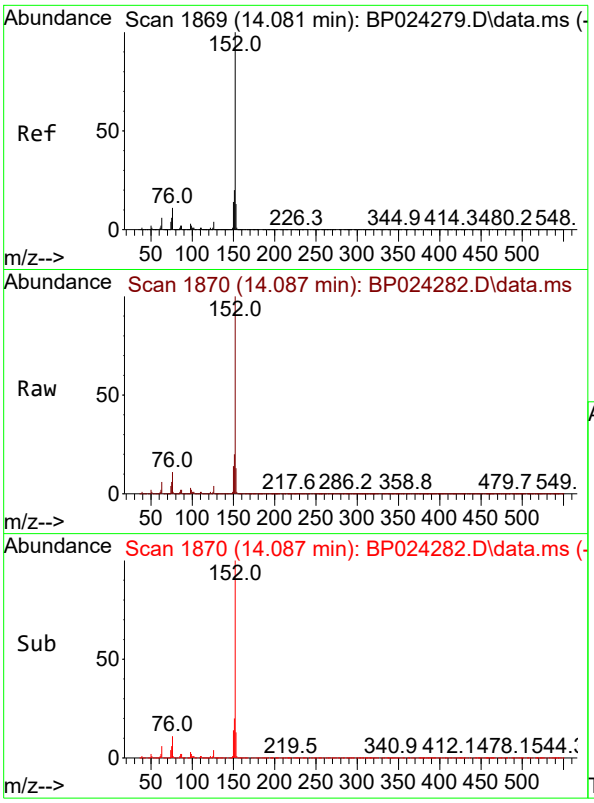


#48
2-Nitroaniline
Concen: 86.912 ng
RT: 13.445 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion: 65 Resp: 848619

Ion	Ratio	Lower	Upper
65	100		
92	76.5	62.3	93.5
138	123.5	97.2	145.8



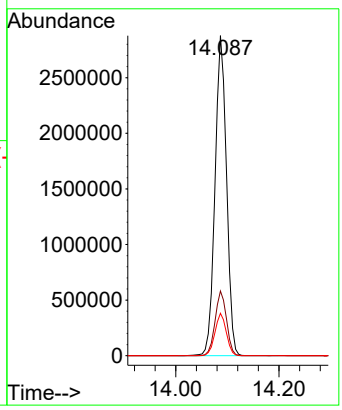


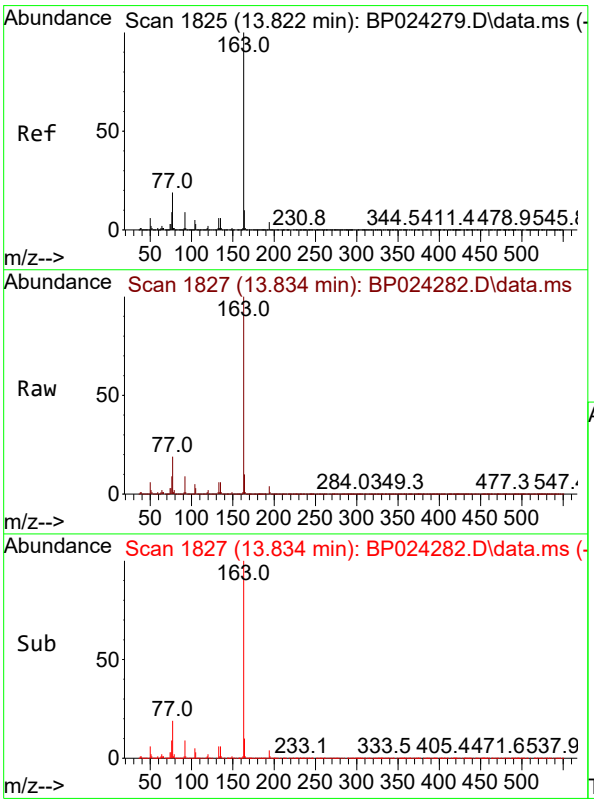
#49
Acenaphthylene
Concen: 80.004 ng
RT: 14.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 4438648

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	15.8

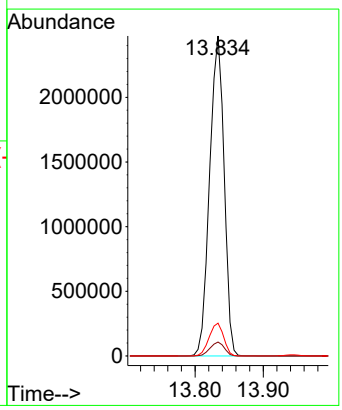


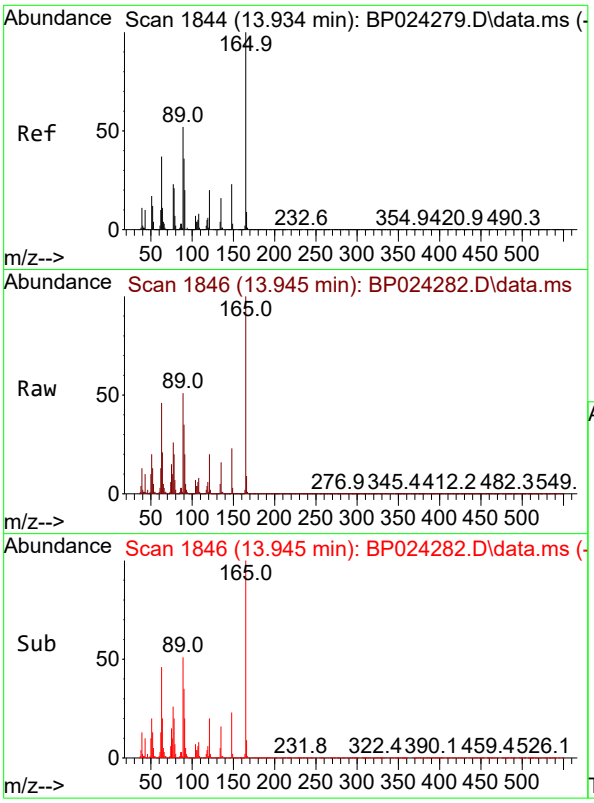


#50
Dimethylphthalate
Concen: 78.201 ng
RT: 13.834 min Scan# 1827
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:163 Resp: 3659579

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.0	12.0



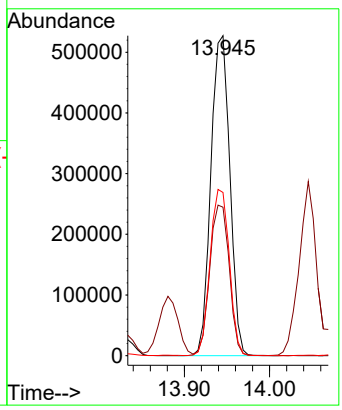


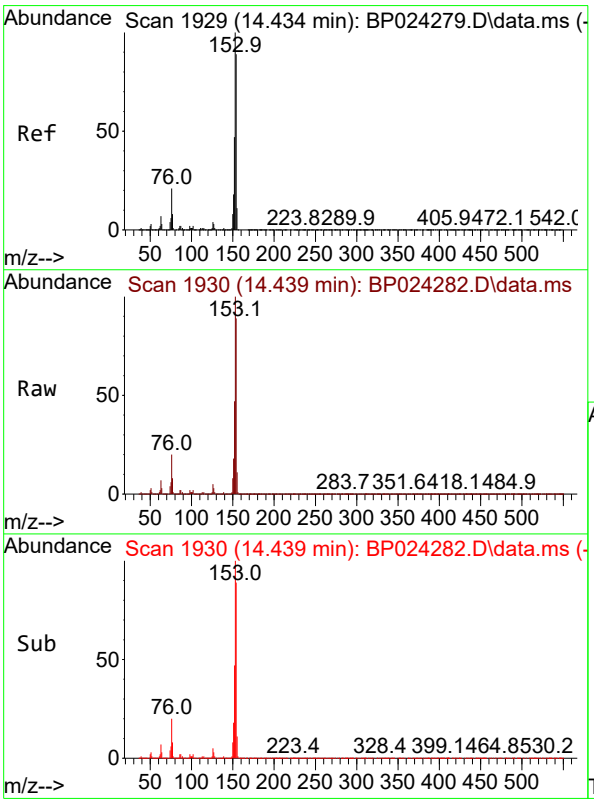
#51
2,6-Dinitrotoluene
Concen: 82.589 ng
RT: 13.945 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 814314

Ion	Ratio	Lower	Upper
165	100		
63	46.4	38.0	57.0
89	51.0	41.7	62.5

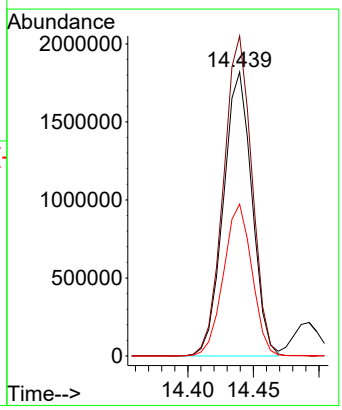


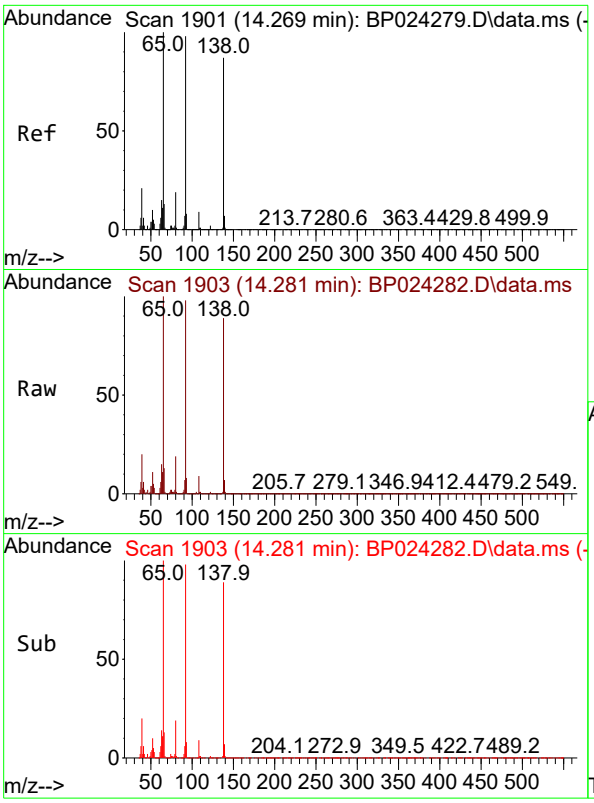


#52
Acenaphthene
Concen: 78.270 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:154 Resp: 2761536

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.6
152	53.5	42.6	63.8



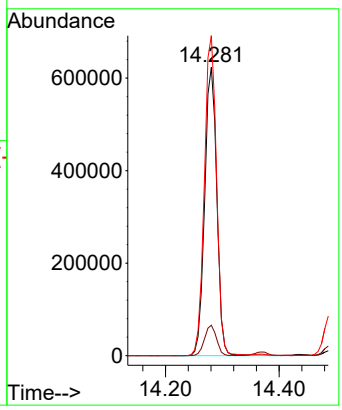


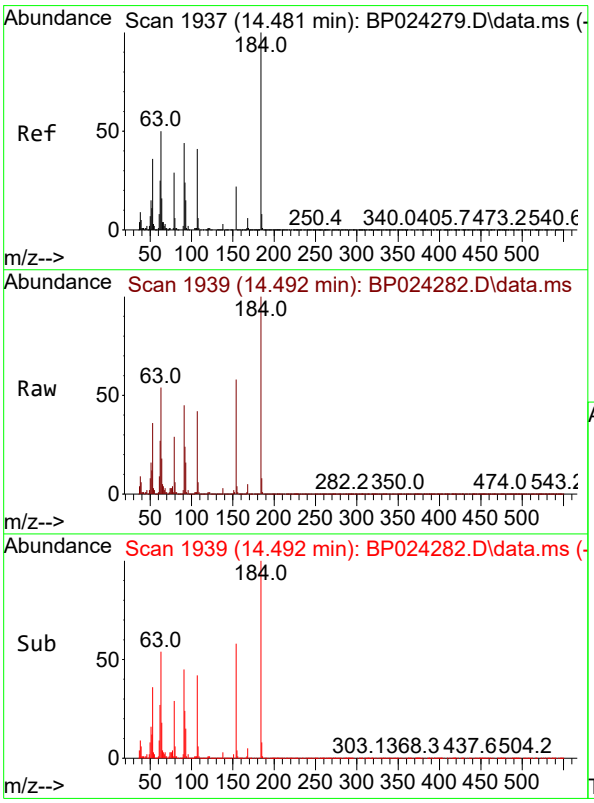
#53
3-Nitroaniline
Concen: 89.913 ng
RT: 14.281 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 919775

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.3	12.5
92	111.0	89.8	134.8

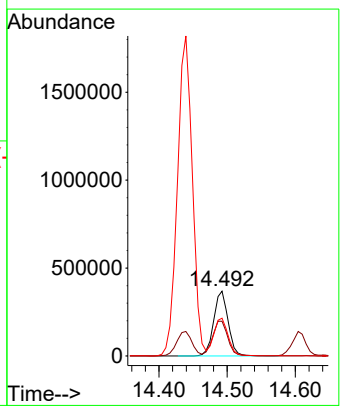


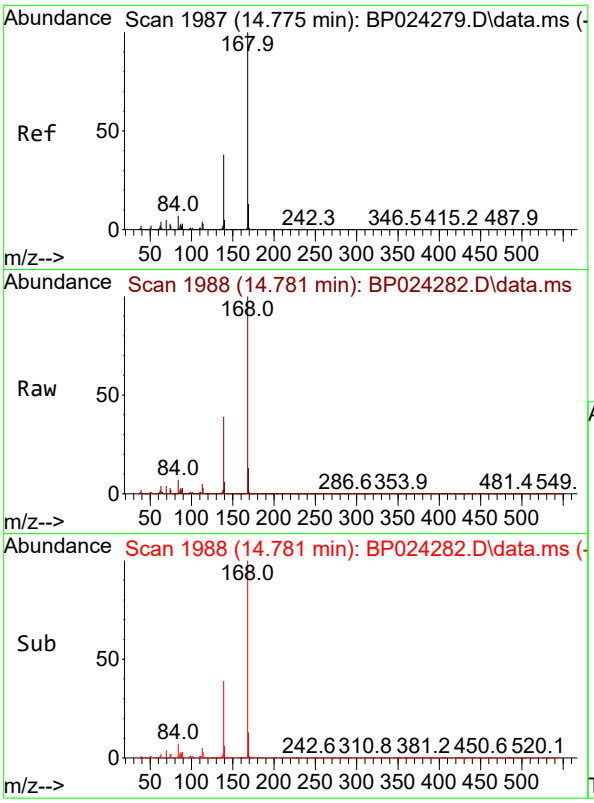


#54
2,4-Dinitrophenol
Concen: 102.567 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 541483

Ion	Ratio	Lower	Upper
184	100		
63	53.6	42.6	64.0
154	58.2	47.2	70.8



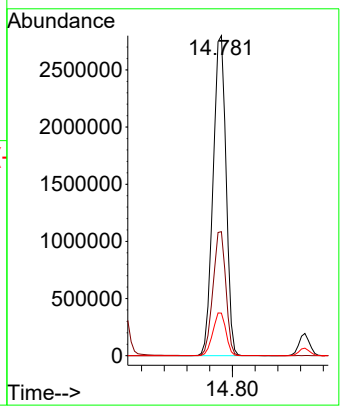


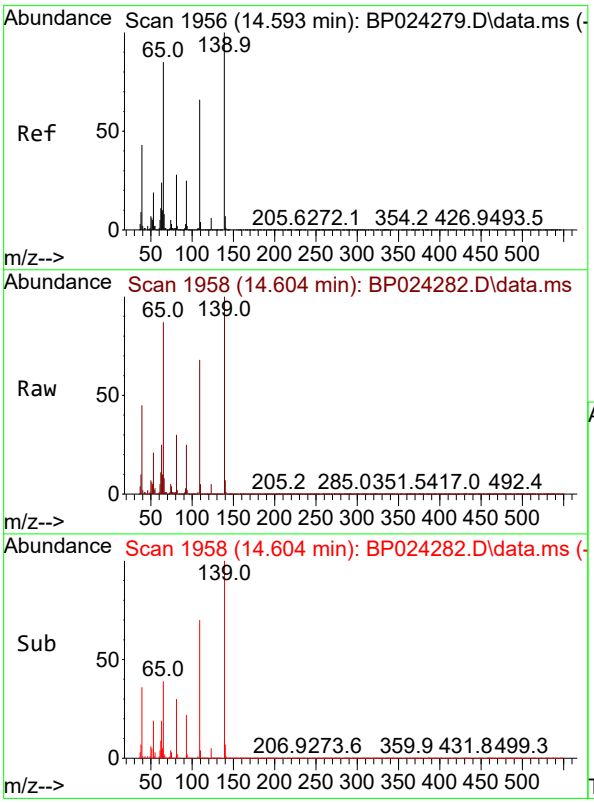
#55
Dibenzofuran
Concen: 76.402 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 4420987

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.3	10.6	16.0

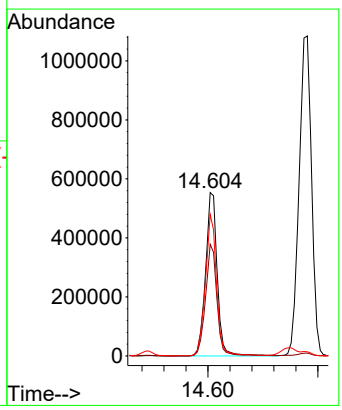


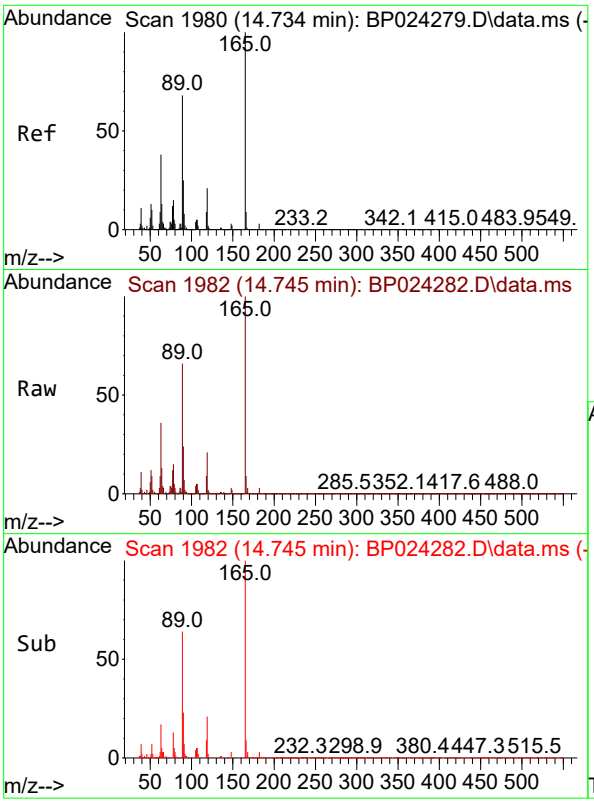


#56
4-Nitrophenol
Concen: 92.599 ng
RT: 14.604 min Scan# 1958
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:139 Resp: 814261

Ion	Ratio	Lower	Upper
139	100		
109	68.4	46.1	86.1
65	86.6	65.0	105.0



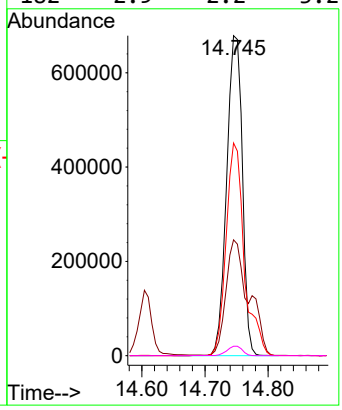


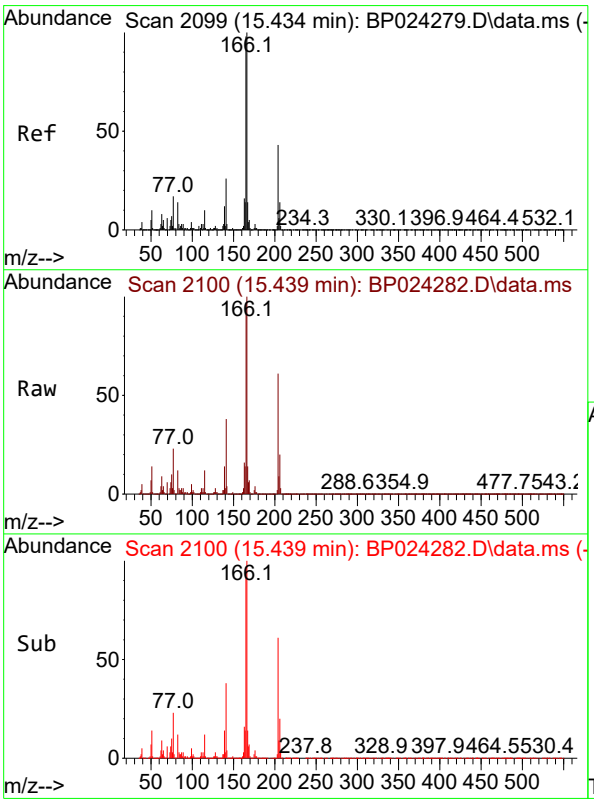
#57
2,4-Dinitrotoluene
Concen: 87.755 ng
RT: 14.745 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 1169554

Ion	Ratio	Lower	Upper
165	100		
63	36.2	30.4	45.6
89	66.4	54.6	82.0
182	2.9	2.2	3.2

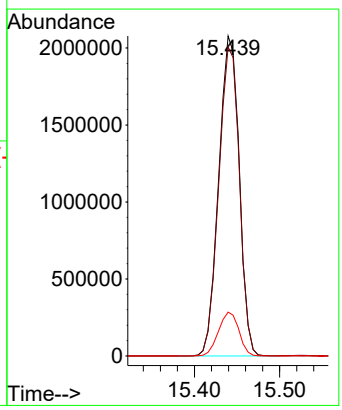


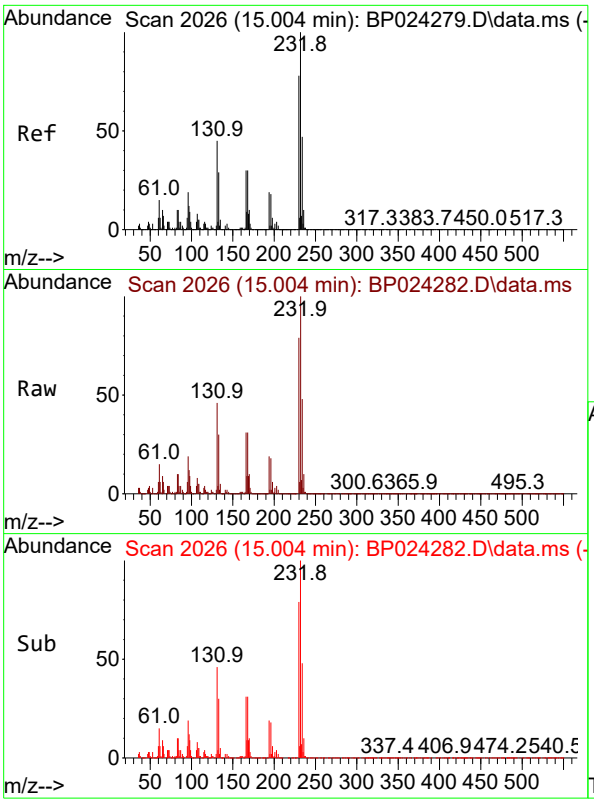


#58
Fluorene
Concen: 77.873 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:166 Resp: 3479094

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.1	117.1
167	13.7	10.9	16.3



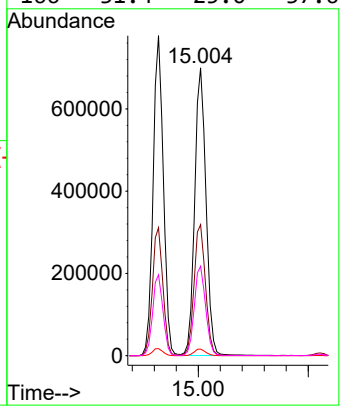


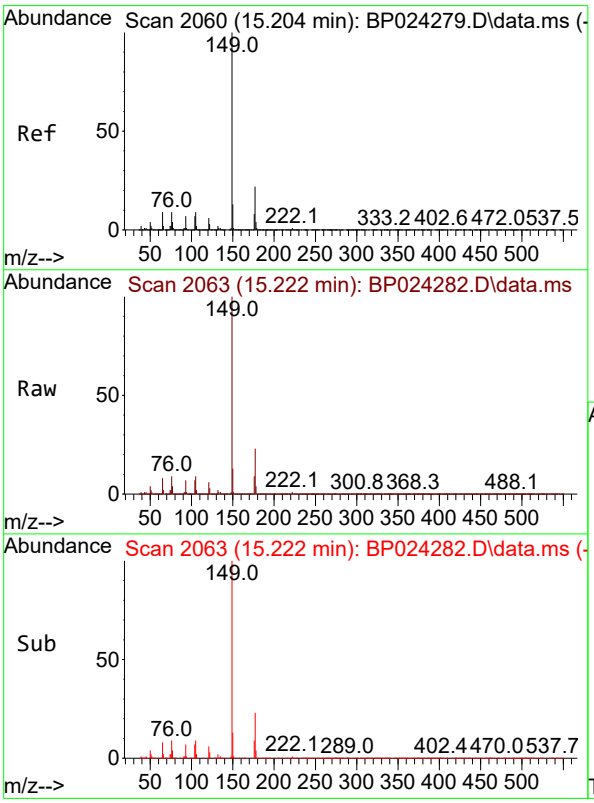
#59
2,3,4,6-Tetrachlorophenol
Concen: 84.031 ng
RT: 15.004 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 999335

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.8	55.2
130	2.4	1.9	2.9
166	31.4	25.0	37.6

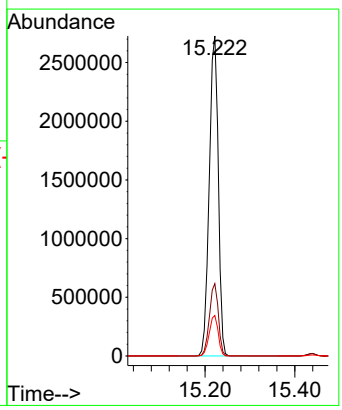


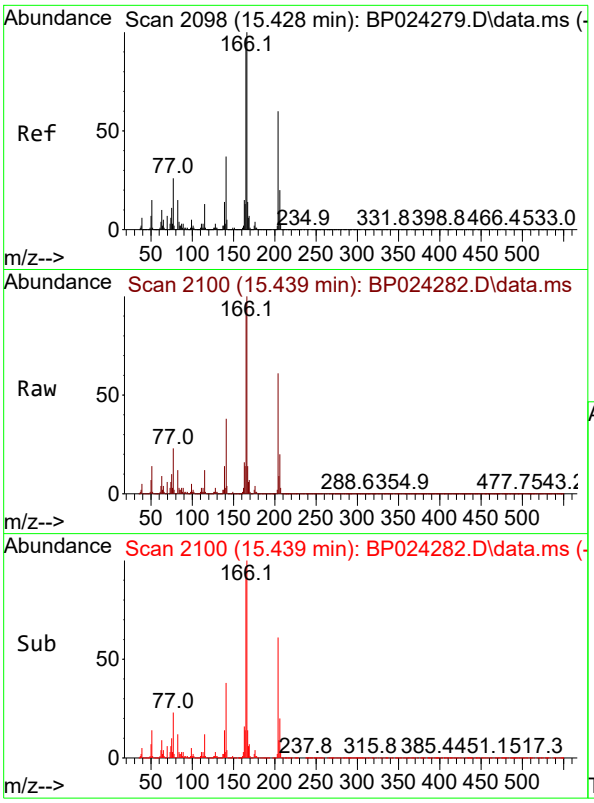


#60
Diethylphthalate
Concen: 78.910 ng
RT: 15.222 min Scan# 2063
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 3800651

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.6	10.1	15.1



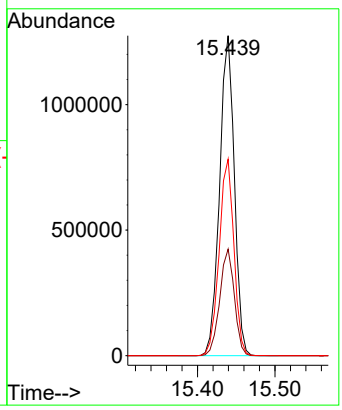


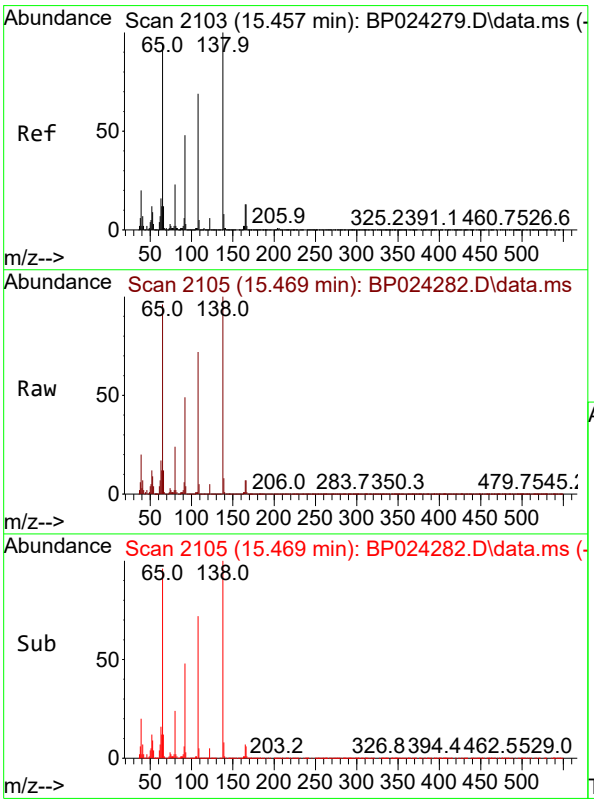
#61
4-Chlorophenyl-phenylether
Concen: 77.881 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 1689620

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	61.4	49.4	74.0

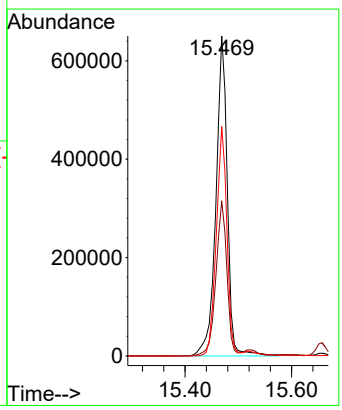


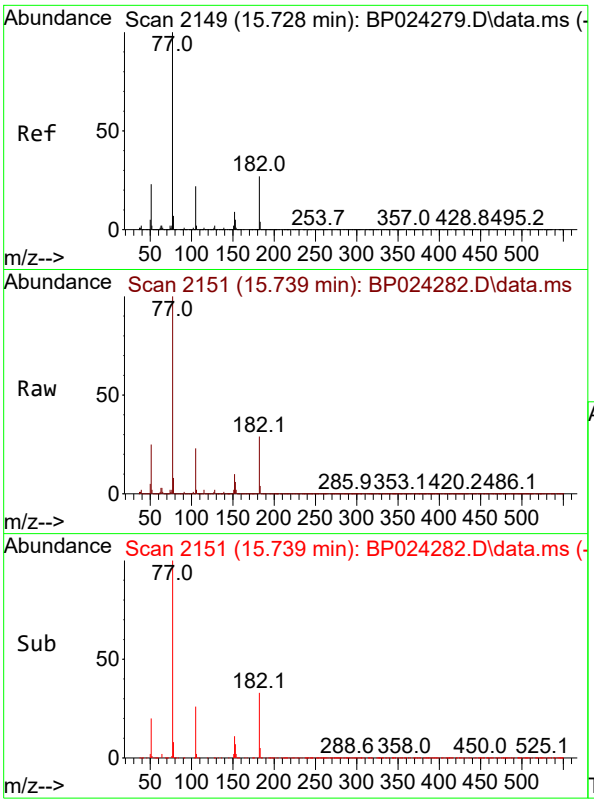


#62
4-Nitroaniline
Concen: 89.063 ng
RT: 15.469 min Scan# 2105
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:138 Resp: 965926

Ion	Ratio	Lower	Upper
138	100		
92	48.5	27.8	67.8
108	71.7	48.9	88.9



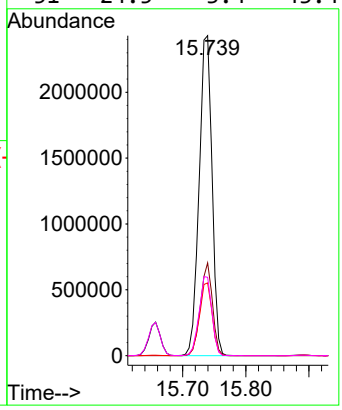


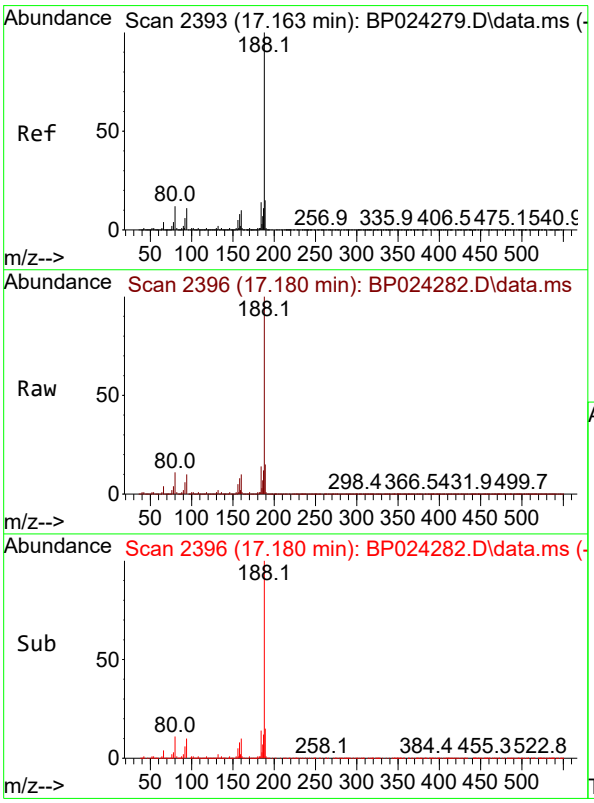
#63
Azobenzene
Concen: 77.741 ng
RT: 15.739 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 3448680

Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.3	47.3
105	22.7	2.3	42.3
51	24.5	3.4	43.4

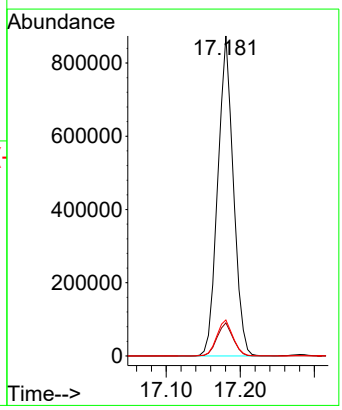


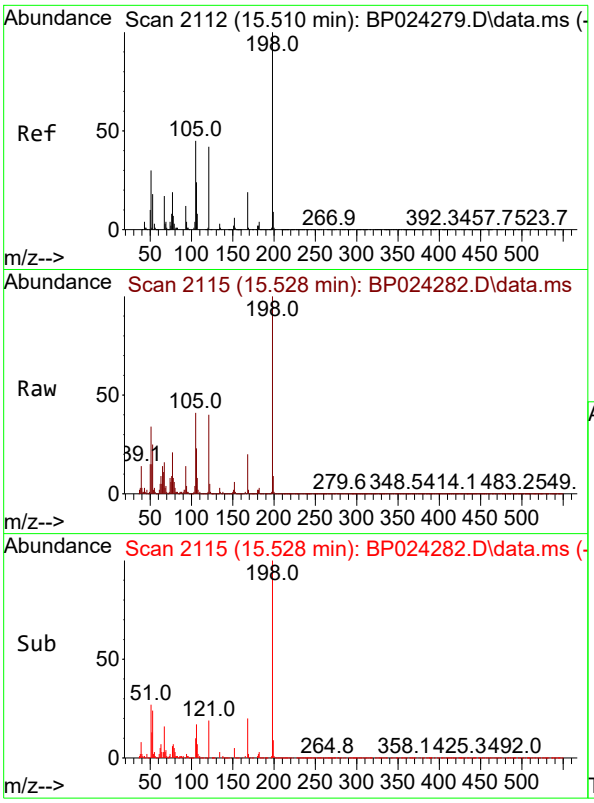


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2396
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:188 Resp: 1279313

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.6	13.0
80	11.2	9.8	14.6



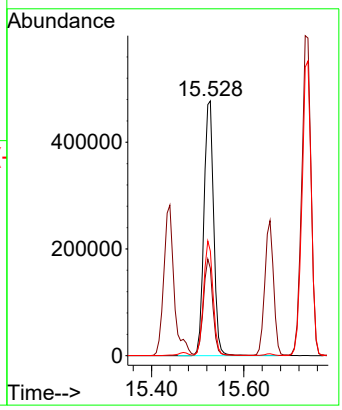


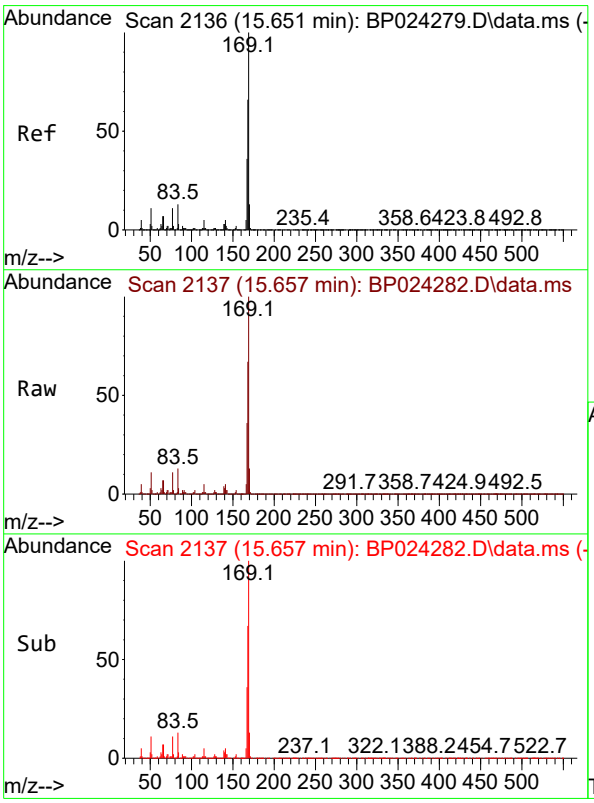
#65
4,6-Dinitro-2-methylphenol
Concen: 94.385 ng
RT: 15.528 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 705506

Ion	Ratio	Lower	Upper
198	100		
51	34.3	18.4	58.4
105	41.0	26.5	66.5

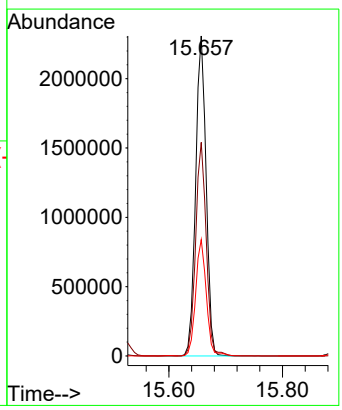


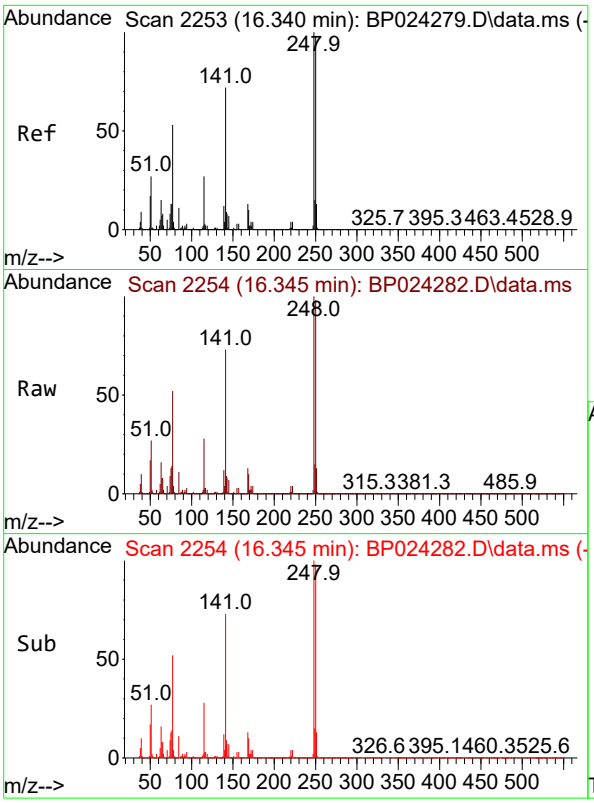


#66
n-Nitrosodiphenylamine
Concen: 77.438 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:169 Resp: 2970516

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.3	28.9	43.3



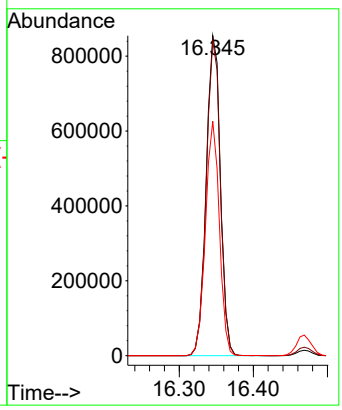


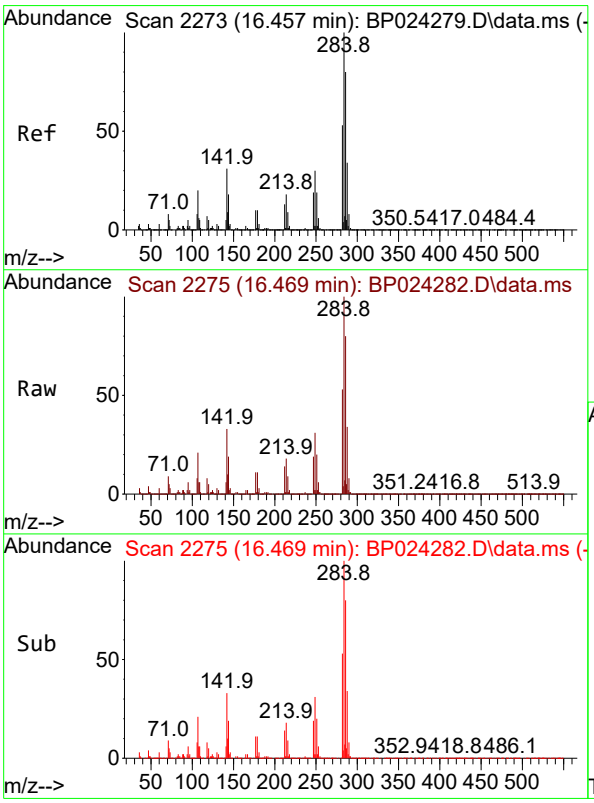
#67
4-Bromophenyl-phenylether
Concen: 81.488 ng
RT: 16.345 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 1137128

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.4
141	73.2	57.7	86.5

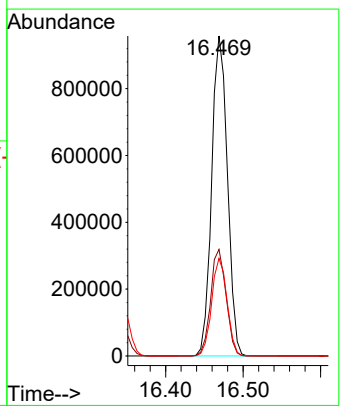


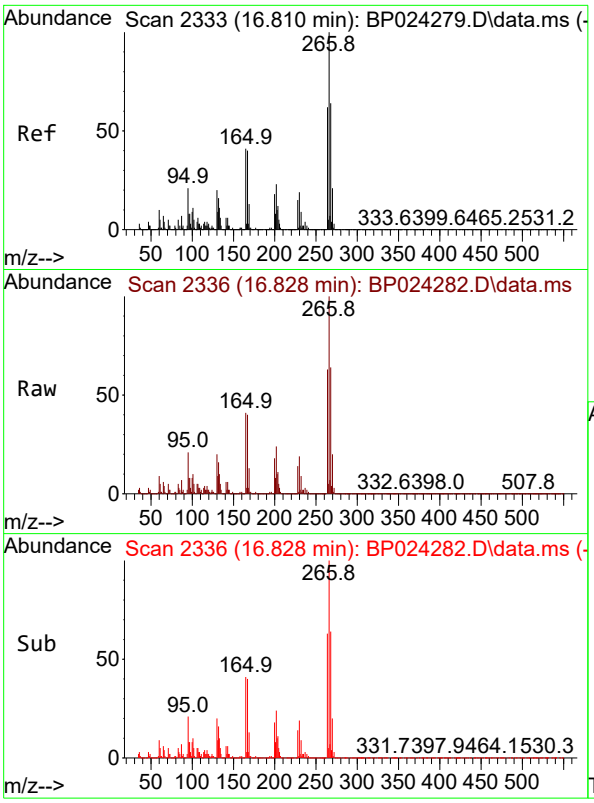


#68
Hexachlorobenzene
Concen: 81.231 ng
RT: 16.469 min Scan# 2275
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:284 Resp: 1347567

Ion	Ratio	Lower	Upper
284	100		
142	33.3	24.6	37.0
249	30.5	23.8	35.6



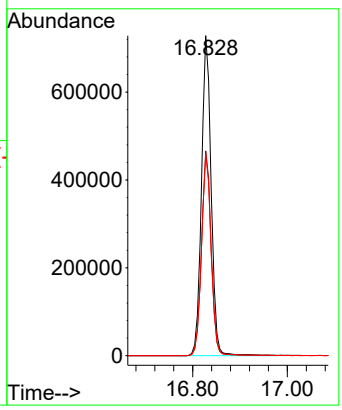


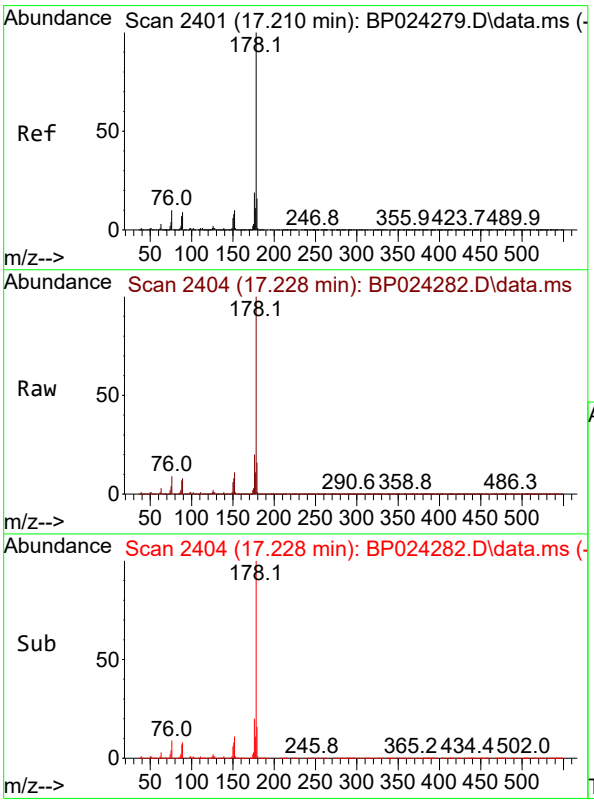
#70
Pentachlorophenol
Concen: 90.221 ng
RT: 16.828 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:266 Resp: 1027691

Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.0	76.6
264	63.1	49.8	74.6

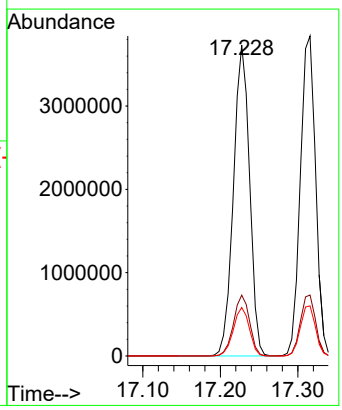


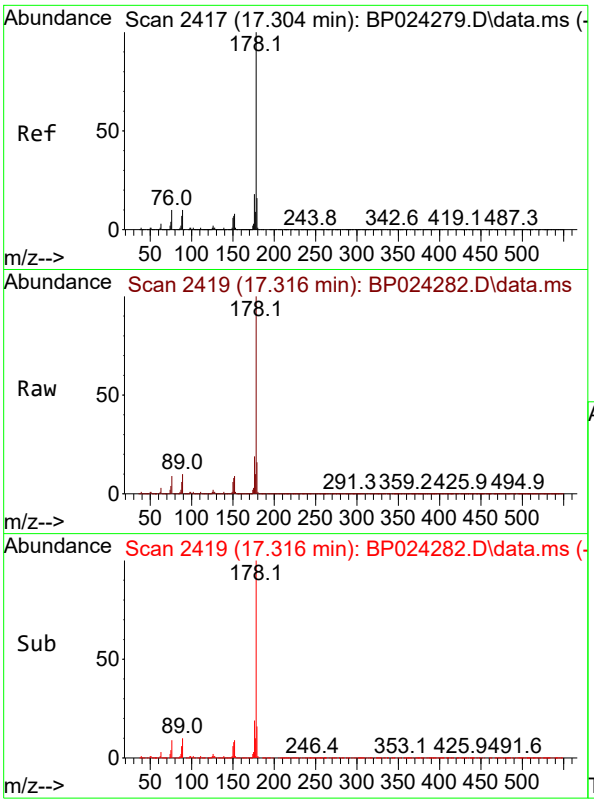


#71
Phenanthrene
Concen: 77.203 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:178 Resp: 5415046

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.5	18.7



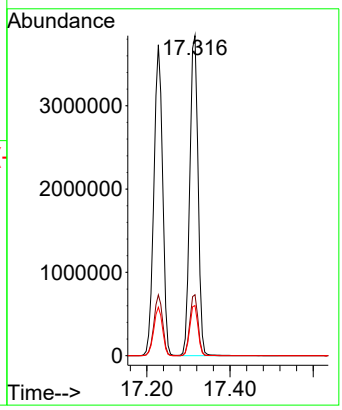


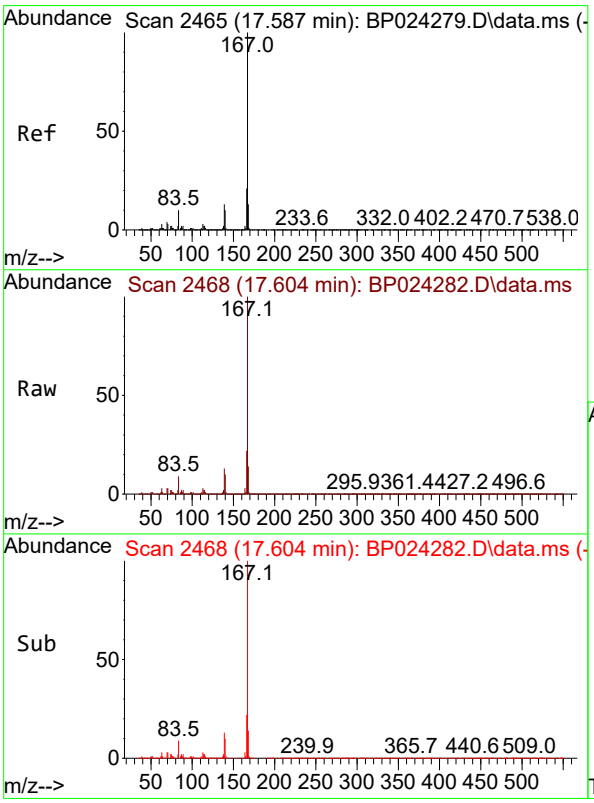
#72
Anthracene
Concen: 78.097 ng
RT: 17.316 min Scan# 24
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 5270987

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.6	12.4	18.6

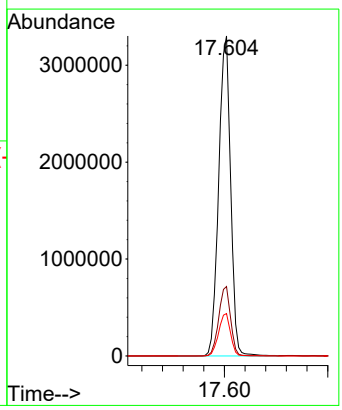


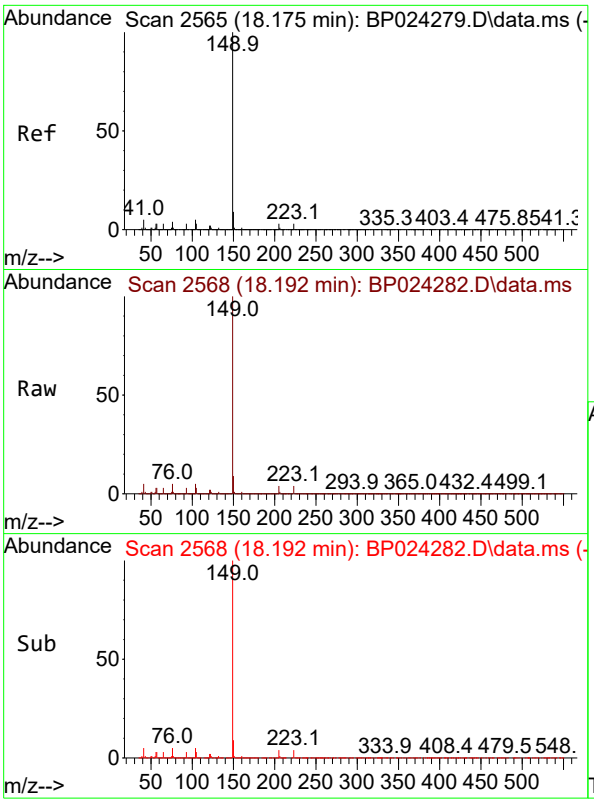


#73
Carbazole
Concen: 80.314 ng
RT: 17.604 min Scan# 2468
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:167 Resp: 5275449

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.2	10.6	16.0



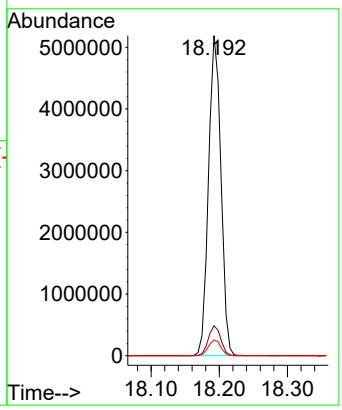


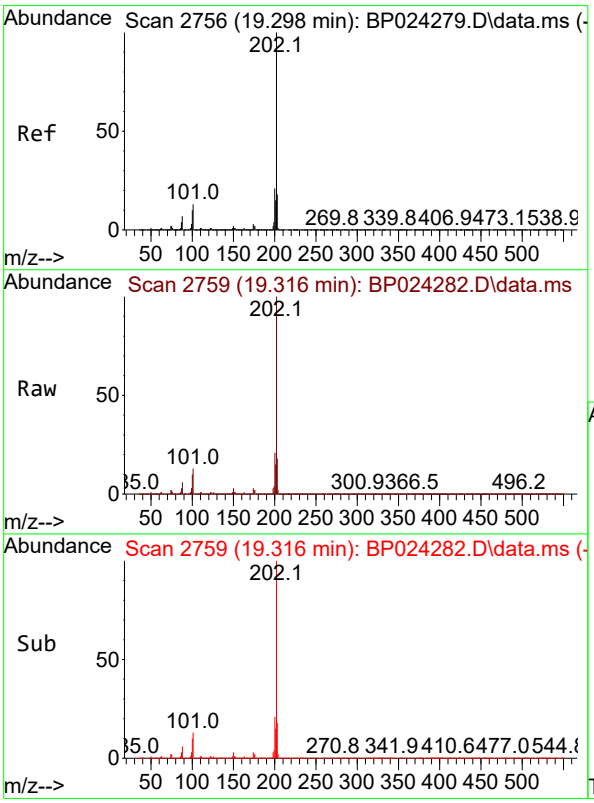
#74
Di-n-butylphthalate
Concen: 80.266 ng
RT: 18.192 min Scan# 2
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 6569078

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.9	5.9

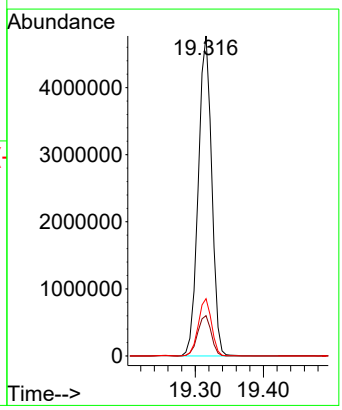


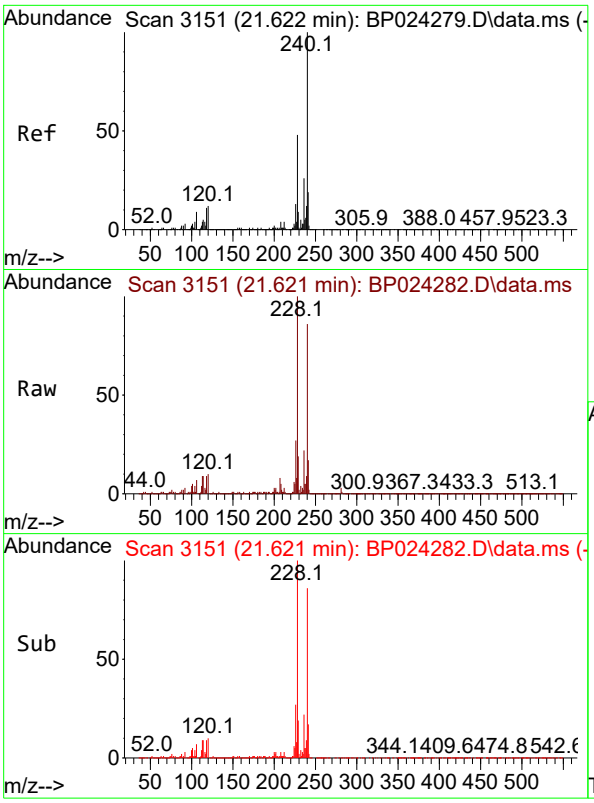


#75
Fluoranthene
Concen: 78.322 ng
RT: 19.316 min Scan# 2759
Delta R.T. 0.017 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:202 Resp: 6520527

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.9	0.0	37.7



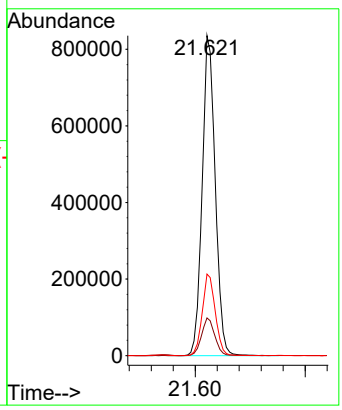


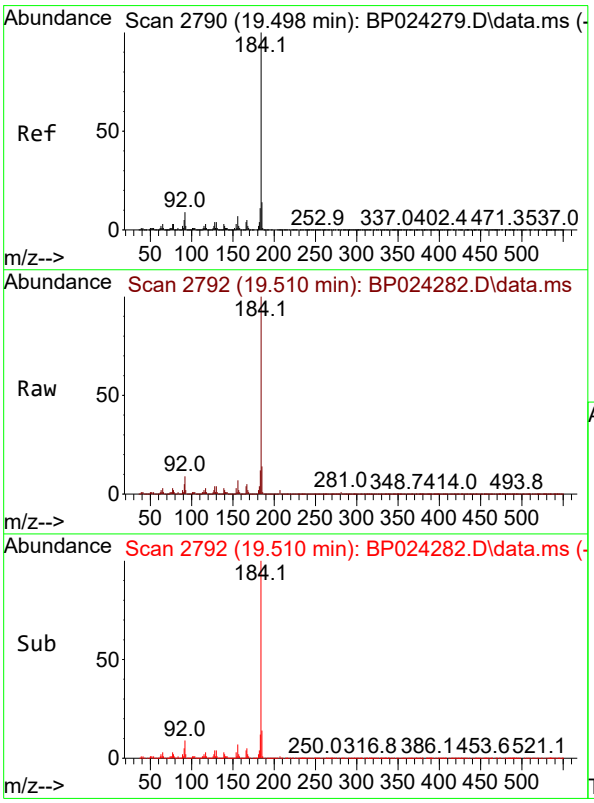
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.621 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:240 Resp: 1378105

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.8	14.8
236	25.5	20.9	31.3

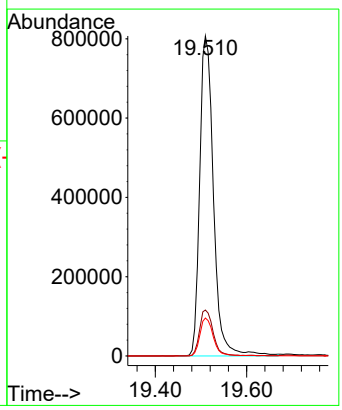


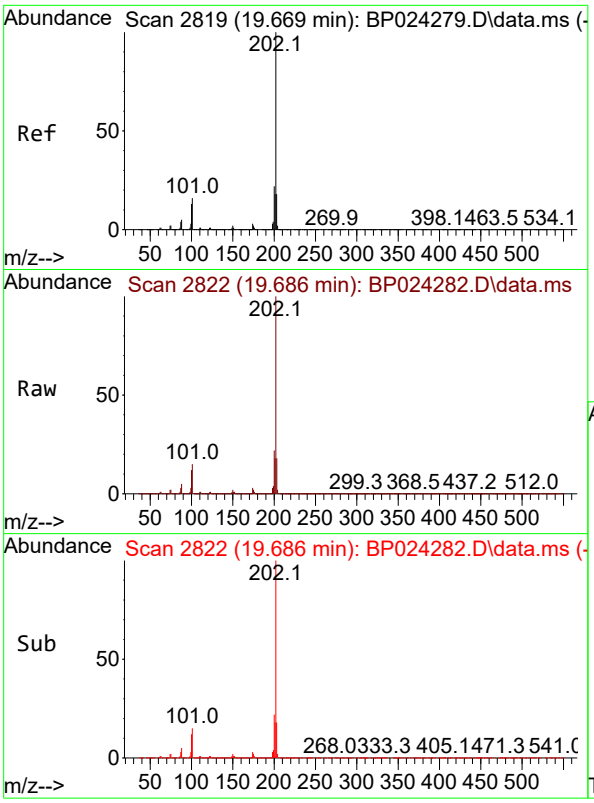


#77
Benzidine
Concen: 99.624 ng m
RT: 19.510 min Scan# 2792
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:184 Resp: 1694694

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.8	9.2	13.8



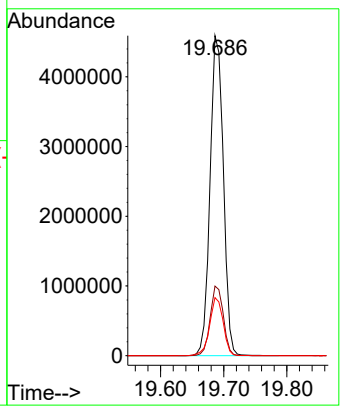


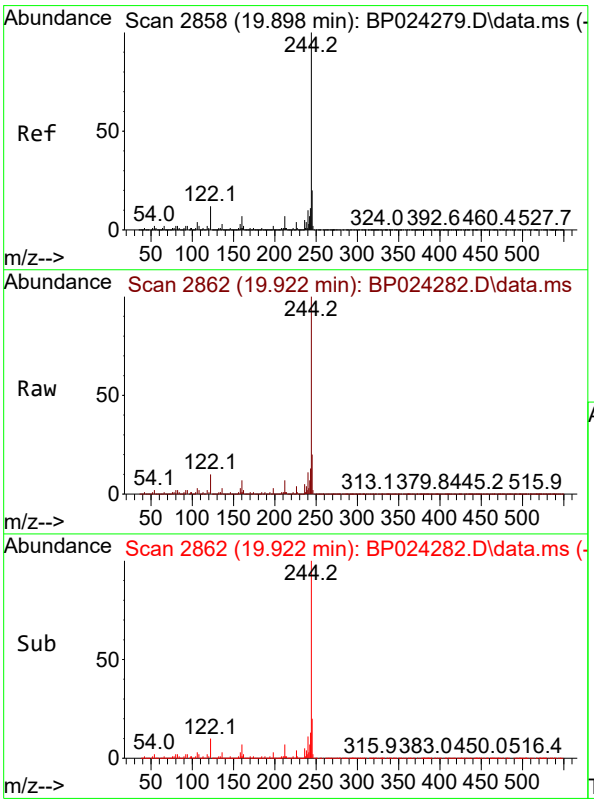
#78
Pyrene
Concen: 76.195 ng
RT: 19.686 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 6718789

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.1	14.4	21.6

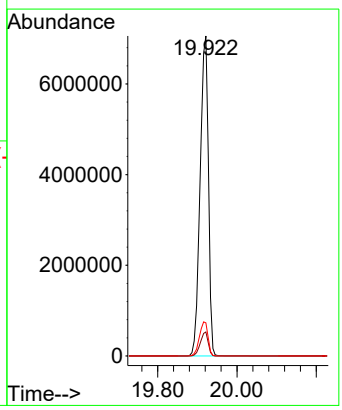


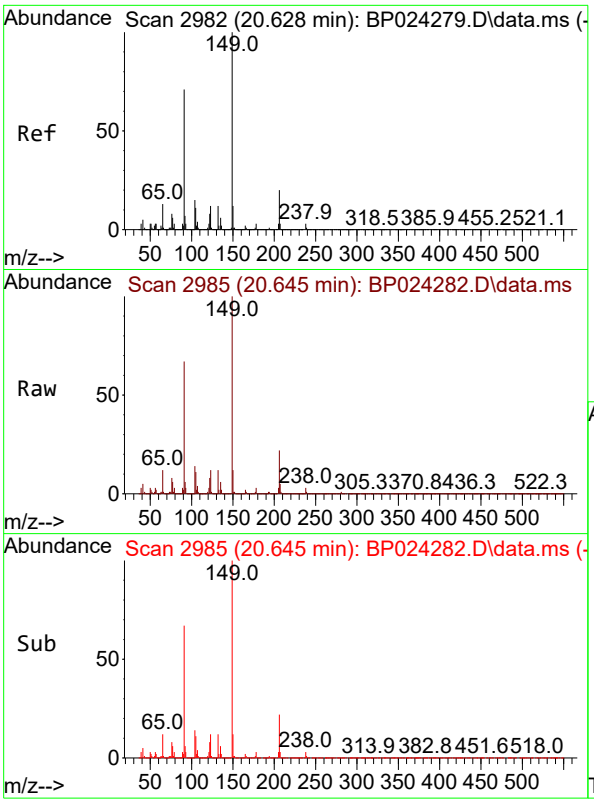


#79
Terphenyl-d14
Concen: 147.678 ng
RT: 19.922 min Scan# 2862
Delta R.T. 0.023 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:244 Resp:10209149

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.6	8.4
122	10.4	9.4	14.0



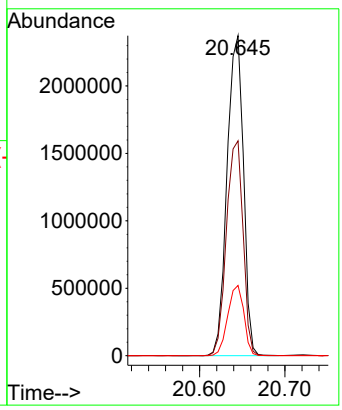


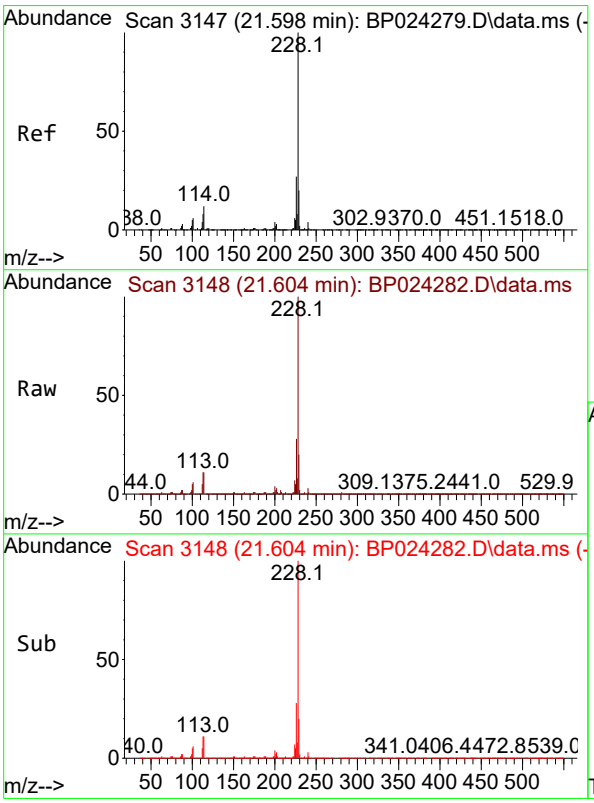
#80
Butylbenzylphthalate
Concen: 85.104 ng
RT: 20.645 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 3163633

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.4	84.6
206	22.0	16.3	24.5

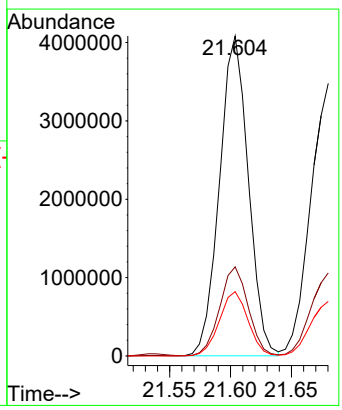


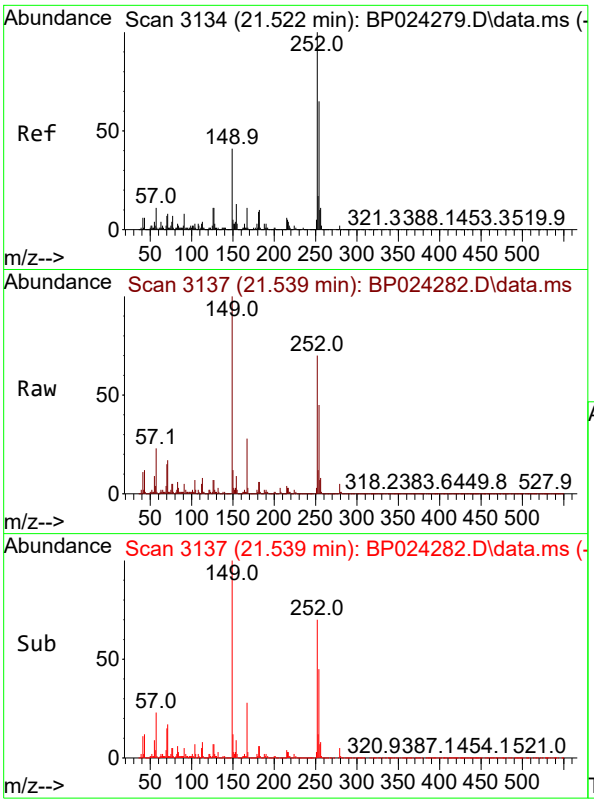


#81
Benzo(a)anthracene
Concen: 78.335 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6729971

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.8
229	20.1	15.9	23.9



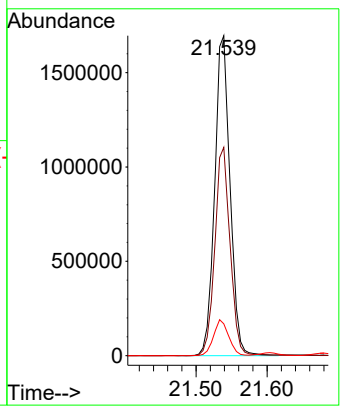


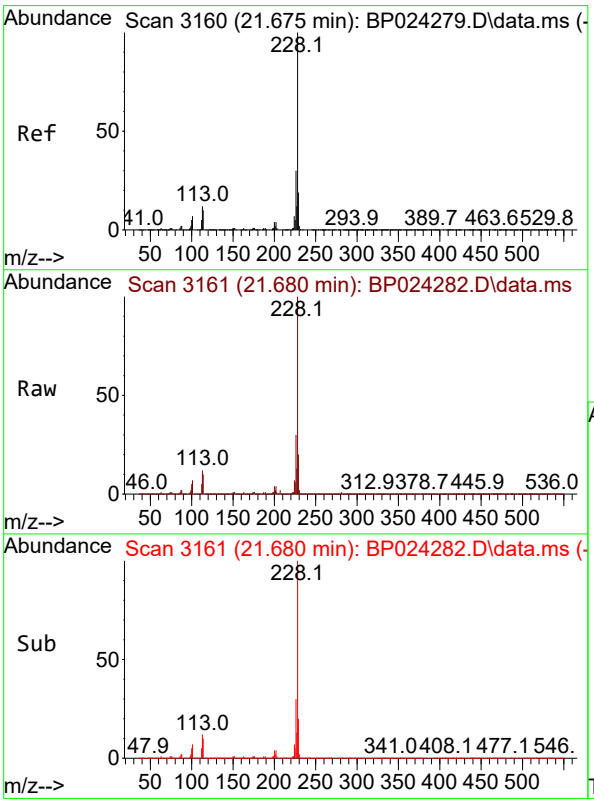
#82
3,3'-Dichlorobenzidine
Concen: 85.143 ng
RT: 21.539 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 2536509

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	10.0	8.8	13.2

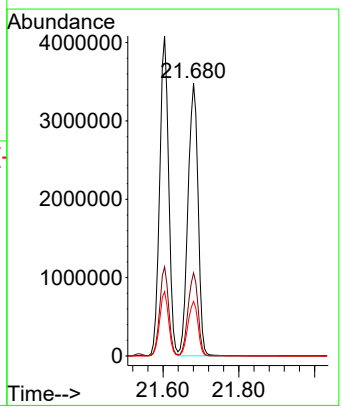


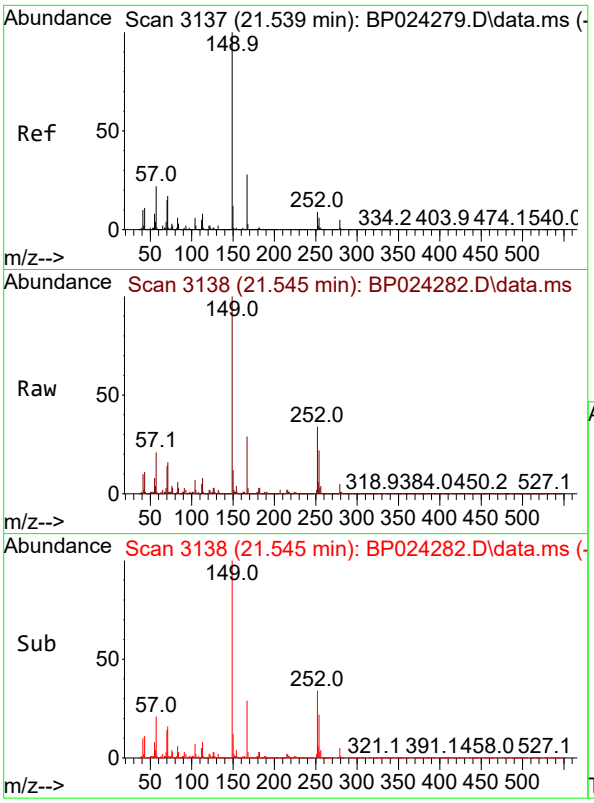


#83
Chrysene
Concen: 78.130 ng
RT: 21.680 min Scan# 3161
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:228 Resp: 6433173

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	20.0	15.6	23.4



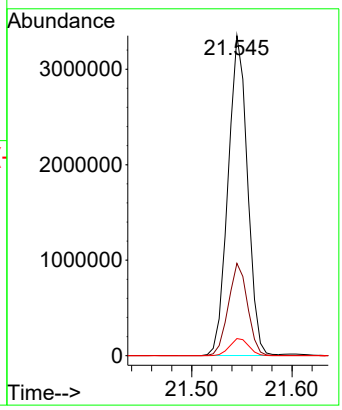


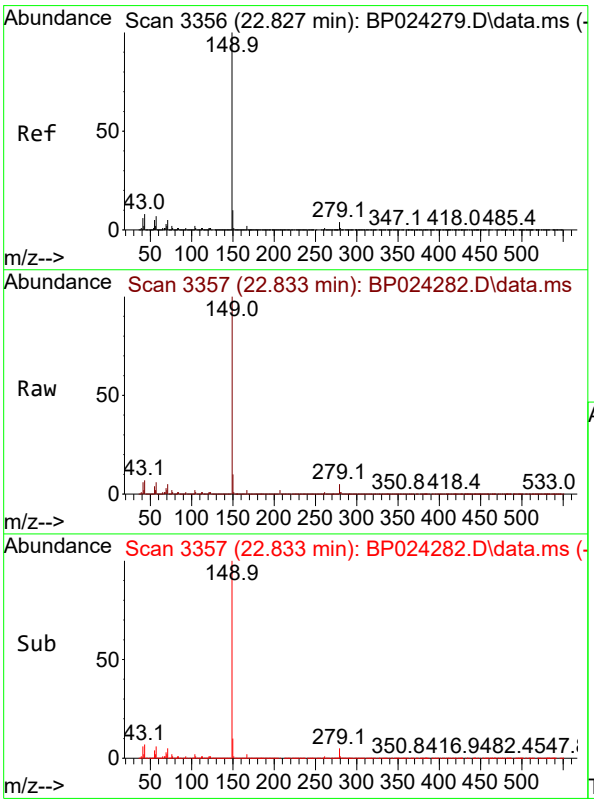
#84
Bis(2-ethylhexyl)phthalate
Concen: 82.506 ng
RT: 21.545 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 4516949

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	5.4	4.0	6.0

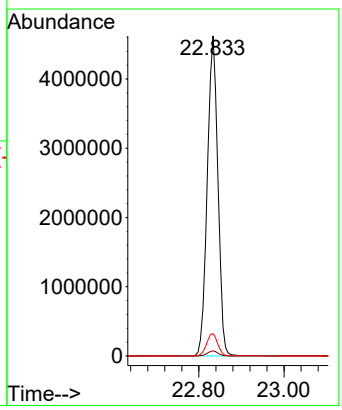


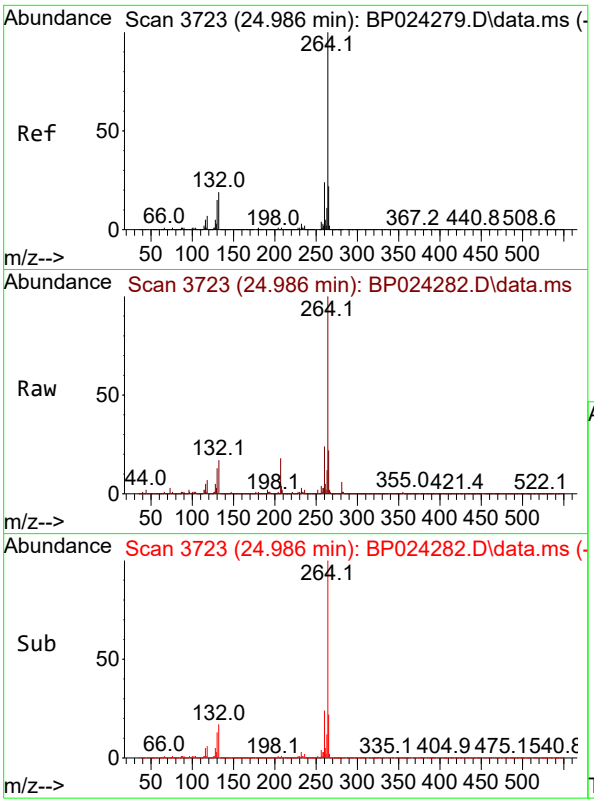


#85
Di-n-octyl phthalate
Concen: 90.878 ng
RT: 22.833 min Scan# 3357
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:149 Resp: 7969779

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.3	6.0	9.0



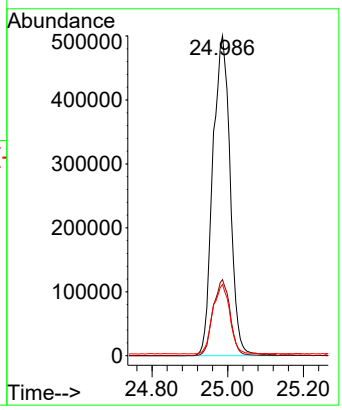


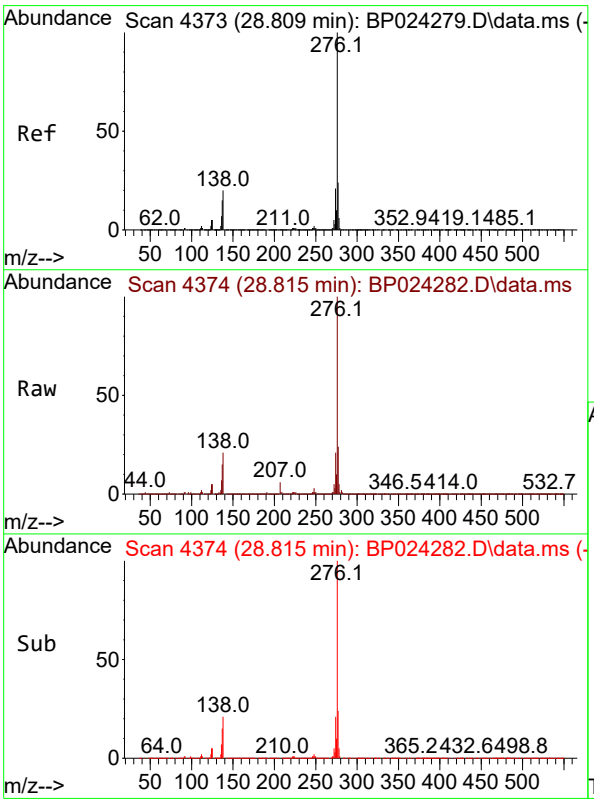
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:264 Resp: 1583281

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.3	17.8	26.6

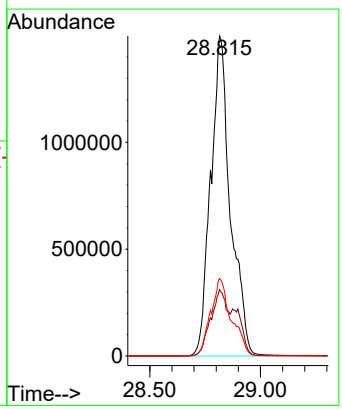


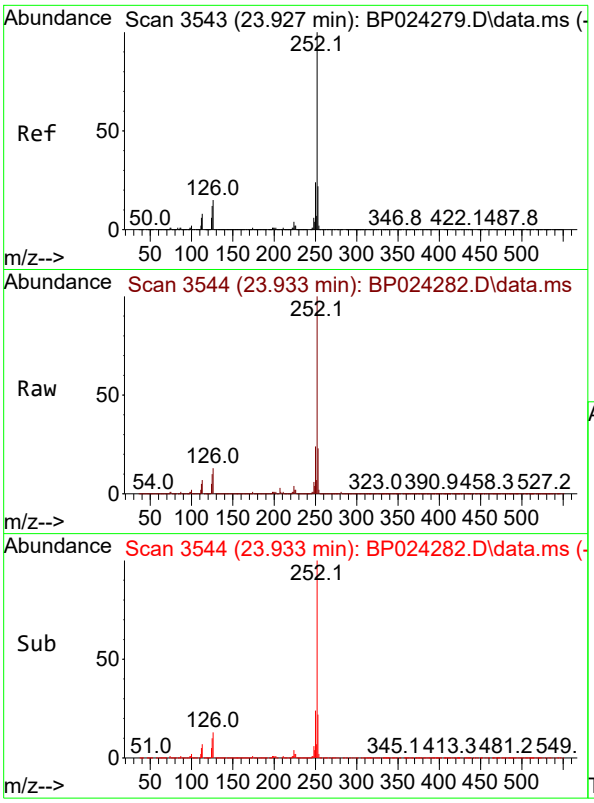


#87
Indeno(1,2,3-cd)pyrene
Concen: 85.280 ng
RT: 28.815 min Scan# 4374
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:276 Resp: 9286186

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.5	21.7
277	25.4	20.2	30.2



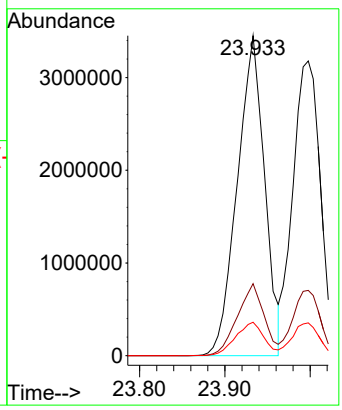


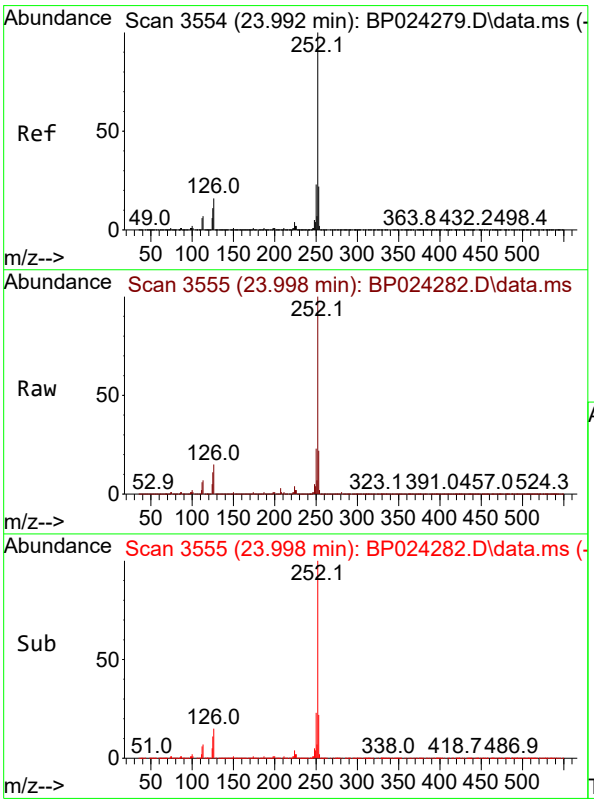
#88
Benzo(b)fluoranthene
Concen: 81.051 ng
RT: 23.933 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 7677613

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.4	9.4	14.0

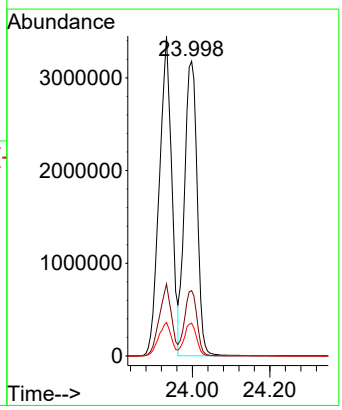


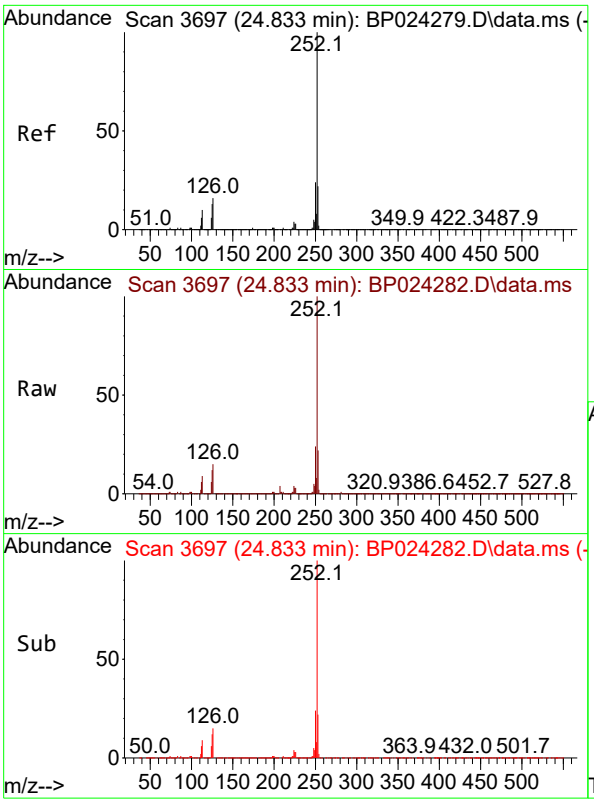


#89
Benzo(k)fluoranthene
Concen: 78.395 ng
RT: 23.998 min Scan# 3555
Delta R.T. 0.006 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:252 Resp: 7207214

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7



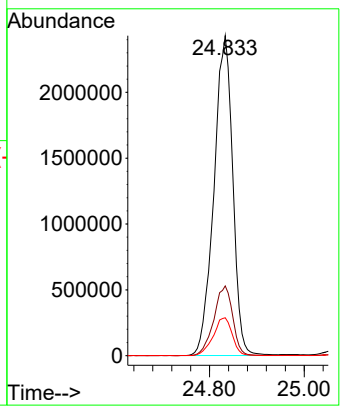


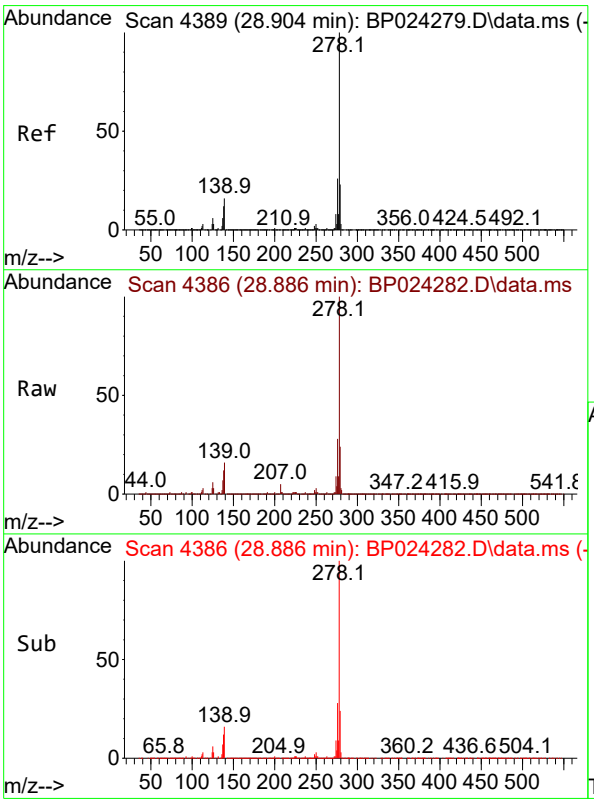
#90
Benzo(a)pyrene
Concen: 82.211 ng
RT: 24.833 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 6703562

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.8	10.1	15.1

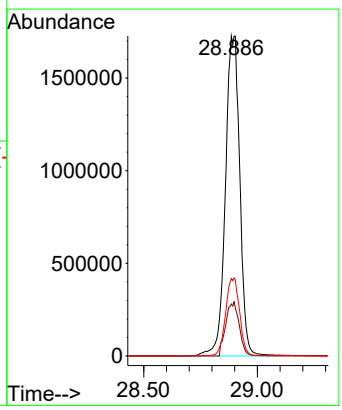


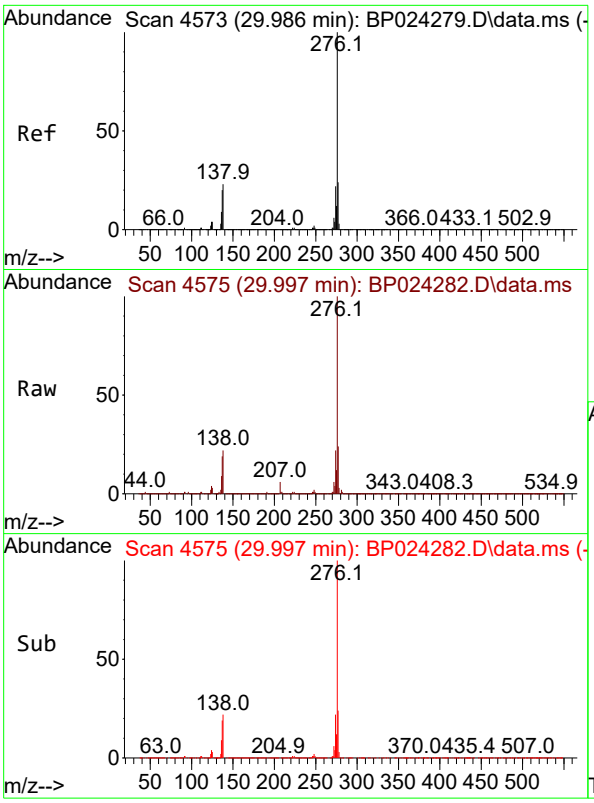


#91
Dibenzo(a,h)anthracene
Concen: 84.071 ng
RT: 28.886 min Scan# 4386
Delta R.T. -0.018 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Tgt Ion:278 Resp: 7614901

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	24.2	18.5	27.7



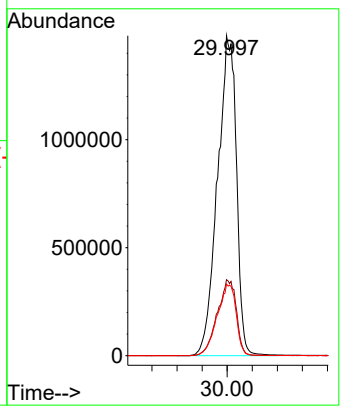


#92
Benzo(g,h,i)perylene
Concen: 84.072 ng
RT: 29.997 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024282.D
Acq: 14 Apr 2025 17:13

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 7750941

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.4	18.7	28.1



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	232241	20.000	ng	0.00
21) Naphthalene-d8	10.504	136	956448	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	600031	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1178916	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1288125	20.000	ng	0.00
86) Perylene-d12	24.986	264	1476872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1141956	81.302	ng	0.00
7) Phenol-d6	6.911	99	1559050	81.063	ng	0.00
23) Nitrobenzene-d5	8.881	82	1401115	83.531	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	709703	85.488	ng	-0.02
45) 2-Fluorobiphenyl	12.975	172	3319933	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5217888	81.649	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	240091	40.412	ng	100
3) Pyridine	3.687	79	626813	39.955	ng	99
4) n-Nitrosodimethylamine	3.593	42	209326	40.205	ng	98
6) Aniline	7.069	93	710981	41.370	ng	100
8) 2-Chlorophenol	7.305	128	632515	40.334	ng	99
9) Benzaldehyde	6.881	77	399803	42.024	ng	98
10) Phenol	6.940	94	777631	40.306	ng	100
11) bis(2-Chloroethyl)ether	7.163	93	620261	39.902	ng	99
12) 1,3-Dichlorobenzene	7.622	146	680343	40.298	ng	100
13) 1,4-Dichlorobenzene	7.769	146	694020	40.516	ng	99
14) 1,2-Dichlorobenzene	8.081	146	659947	39.898	ng	99
15) Benzyl Alcohol	7.969	79	517678	41.621	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.258	45	674999	40.173	ng	99
17) 2-Methylphenol	8.175	107	512292	41.046	ng	100
18) Hexachloroethane	8.799	117	250852	40.522	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	481540	40.471	ng	99
20) 3+4-Methylphenols	8.499	107	706733	40.810	ng	99
22) Acetophenone	8.546	105	986019	41.652	ng	100
24) Nitrobenzene	8.922	77	689231	41.537	ng	100
25) Isophorone	9.446	82	1264480	41.648	ng	99
26) 2-Nitrophenol	9.628	139	352229	43.376	ng	99
27) 2,4-Dimethylphenol	9.687	122	425062	41.689	ng	99
28) bis(2-Chloroethoxy)met...	9.922	93	849161	41.402	ng	99
29) 2,4-Dichlorophenol	10.163	162	590306	42.461	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	619818	41.612	ng	99
31) Naphthalene	10.557	128	2085090	41.386	ng	99
32) Benzoic acid	9.834	122	486627	40.959	ng	98
33) 4-Chloroaniline	10.669	127	761817	42.937	ng	99
34) Hexachlorobutadiene	10.846	225	367684	42.007	ng	100
35) Caprolactam	11.457	113	216229	42.152	ng	99
36) 4-Chloro-3-methylphenol	11.799	107	675857	41.737	ng	98
37) 2-Methylnaphthalene	12.169	142	1446647	41.403	ng	100
38) 1-Methylnaphthalene	12.387	142	1408633	41.210	ng	99
40) 1,2,4,5-Tetrachloroben...	12.540	216	697580	42.275	ng	100
41) Hexachlorocyclopentadiene	12.516	237	254676	43.639	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	475349	43.329	ng	97

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	520298	42.828	ng	97
46) 1,1'-Biphenyl	13.187	154	1834570	41.595	ng	99
47) 2-Chloronaphthalene	13.228	162	1377424	41.786	ng	100
48) 2-Nitroaniline	13.434	65	392742	42.475	ng	98
49) Acenaphthylene	14.081	152	2168474	41.783	ng	99
50) Dimethylphthalate	13.816	163	1809923	41.478	ng	99
51) 2,6-Dinitrotoluene	13.940	165	398345	42.990	ng	97
52) Acenaphthene	14.428	154	1344151	40.853	ng	99
53) 3-Nitroaniline	14.275	138	427828	43.931	ng	98
54) 2,4-Dinitrophenol	14.481	184	231882	42.485	ng	98
55) Dibenzofuran	14.763	168	2187786	40.679	ng	99
56) 4-Nitrophenol	14.592	139	378214	44.968	ng	99
57) 2,4-Dinitrotoluene	14.734	165	550175	43.527	ng	97
58) Fluorene	15.428	166	1738215	41.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	470547	41.995	ng	99
60) Diethylphthalate	15.198	149	1869274	41.570	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	844629	41.777	ng	99
62) 4-Nitroaniline	15.451	138	444482	43.114	ng	96
63) Azobenzene	15.722	77	1722900	41.686	ng	98
65) 4,6-Dinitro-2-methylph...	15.510	198	317548	42.724	ng	95
66) n-Nitrosodiphenylamine	15.645	169	1460282	41.500	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	545579	42.314	ng	97
68) Hexachlorobenzene	16.451	284	642095	41.909	ng	96
69) Atrazine	16.622	200	282908	31.567	ng	98
70) Pentachlorophenol	16.810	266	458529	42.900	ng	99
71) Phenanthrene	17.204	178	2612052	40.615	ng	100
72) Anthracene	17.298	178	2606508	42.051	ng	100
73) Carbazole	17.581	167	2564955	42.351	ng	99
74) Di-n-butylphthalate	18.175	149	3360635	44.539	ng	100
75) Fluoranthene	19.298	202	3195045	41.771	ng	99
77) Benzidine	19.492	184	588487	36.041	ng	100
78) Pyrene	19.675	202	3276290	40.022	ng	99
80) Butylbenzylphthalate	20.627	149	1511473	43.107	ng	97
81) Benzo(a)anthracene	21.598	228	3299250	41.207	ng	99
82) 3,3'-Dichlorobenzidine	21.516	252	1212290	43.139	ng	99
83) Chrysene	21.669	228	3136332	40.888	ng	100
84) Bis(2-ethylhexyl)phtha...	21.539	149	2282222	44.400	ng	100
85) Di-n-octyl phthalate	22.827	149	3803266	45.513	ng	100
87) Indeno(1,2,3-cd)pyrene	28.798	276	4313548m	42.071	ng	
88) Benzo(b)fluoranthene	23.933	252	3654984	41.288	ng	99
89) Benzo(k)fluoranthene	23.998	252	3512834	41.081	ng	100
90) Benzo(a)pyrene	24.833	252	3196130	41.855	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3566000	41.902	ng	98
92) Benzo(g,h,i)perylene	29.992	276	3590938	41.455	ng	98

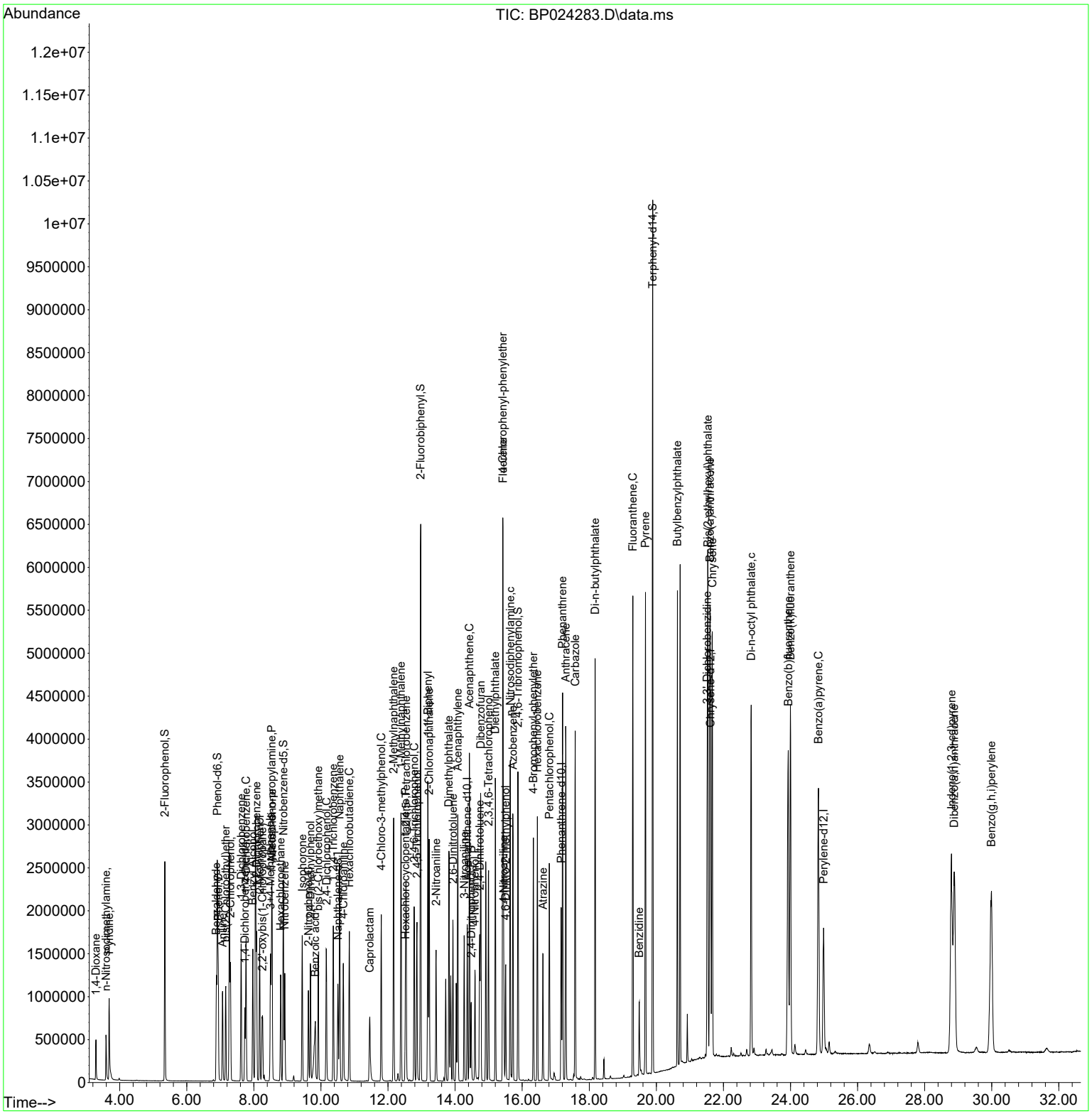
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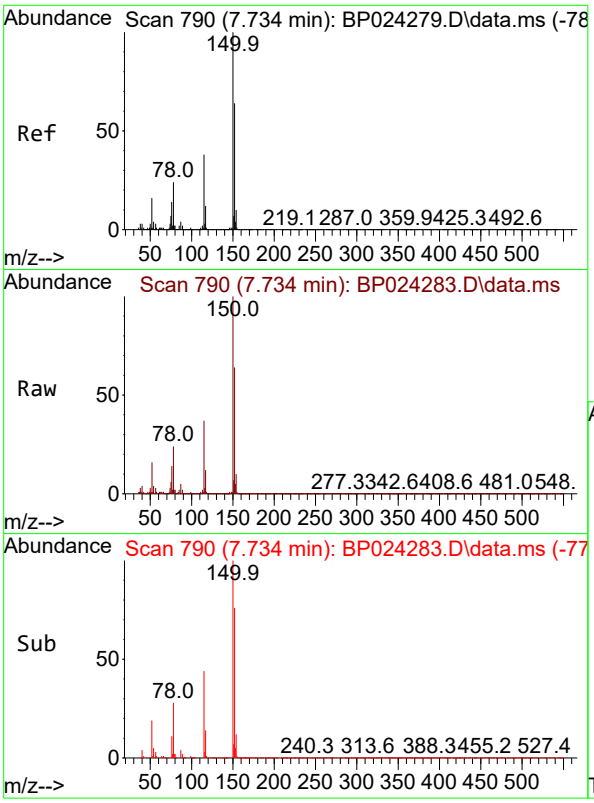
ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration



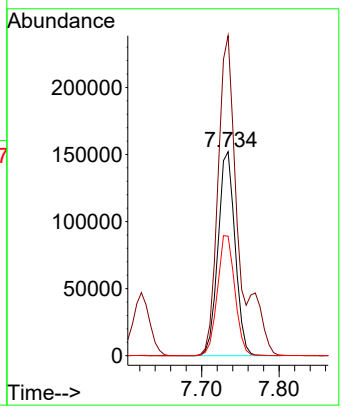


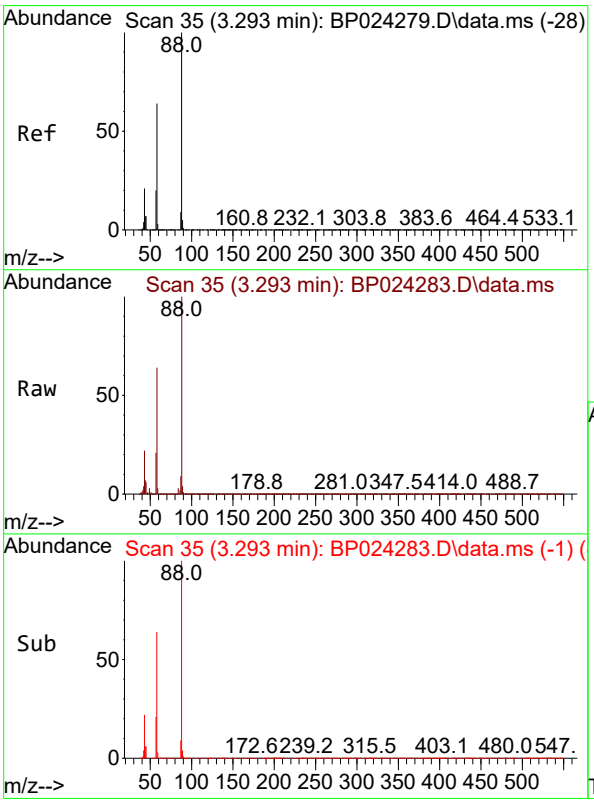
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 232241

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	58.6	47.7	71.5

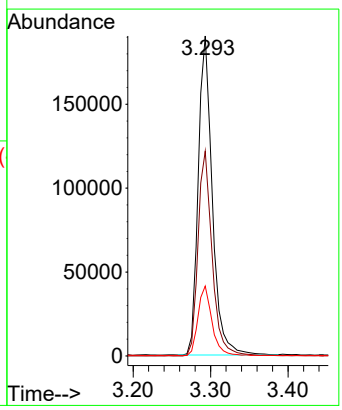


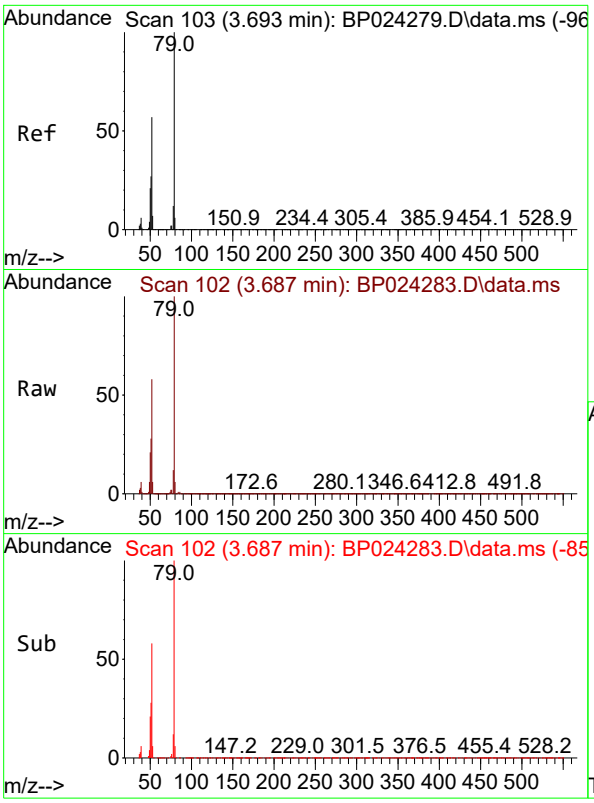


#2
1,4-Dioxane
Concen: 40.412 ng
RT: 3.293 min Scan# 35
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 88 Resp: 240091

Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.4	77.2
43	21.7	17.1	25.7



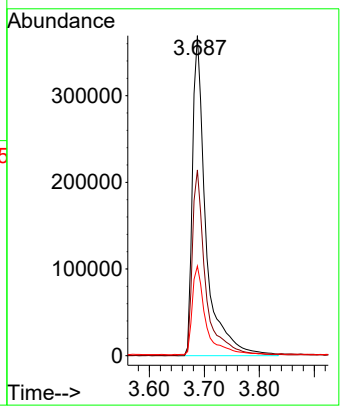


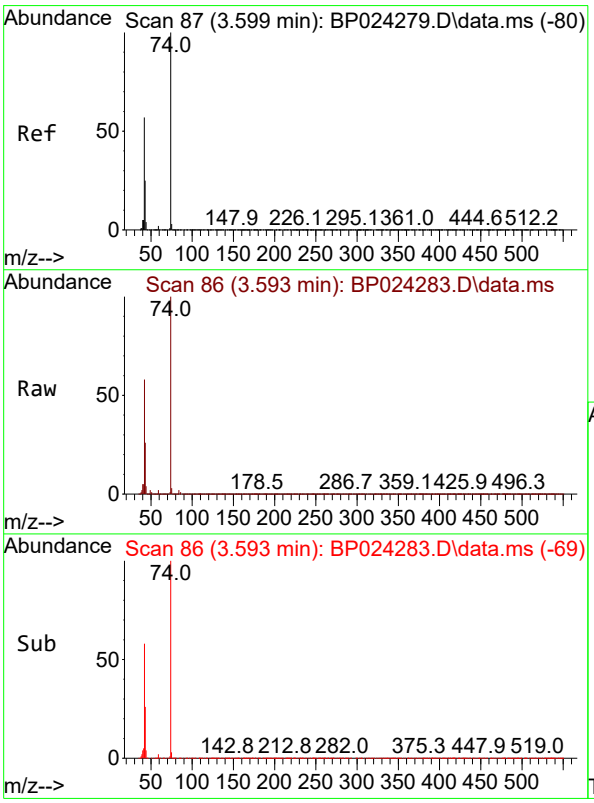
#3
Pyridine
Concen: 39.955 ng
RT: 3.687 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 626813

Ion	Ratio	Lower	Upper
79	100		
52	58.1	45.4	68.2
51	28.0	22.6	33.8

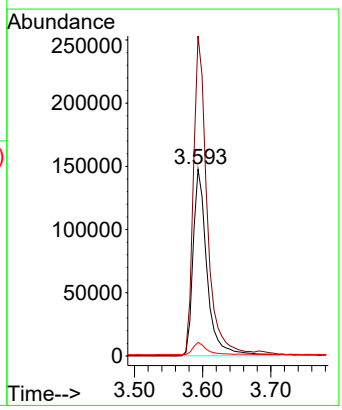


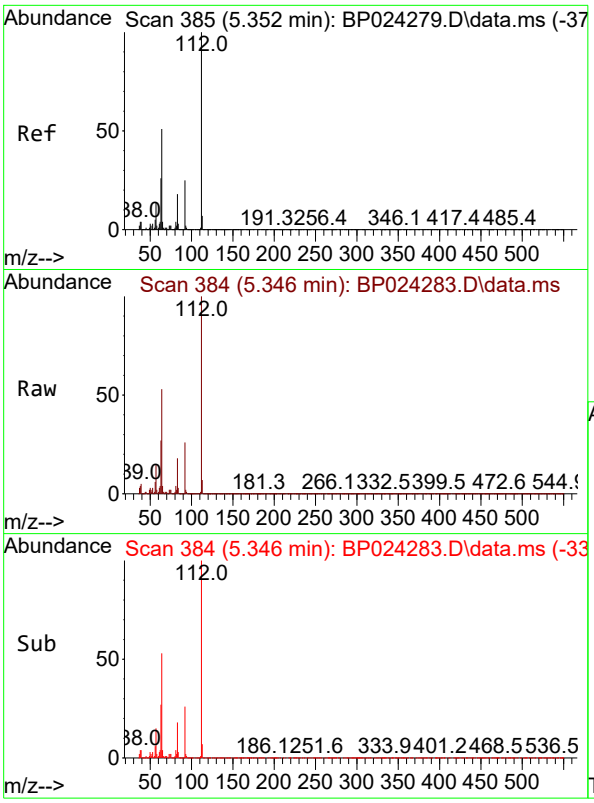


#4
n-Nitrosodimethylamine
Concen: 40.205 ng
RT: 3.593 min Scan# 86
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 42 Resp: 209326

Ion	Ratio	Lower	Upper
42	100		
74	171.4	139.5	209.3
44	7.3	5.8	8.8



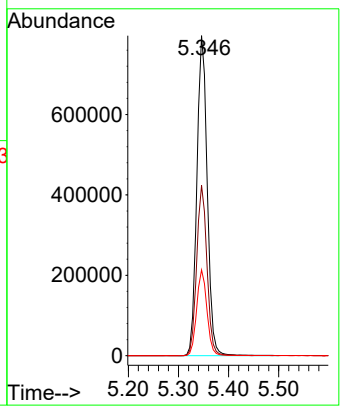


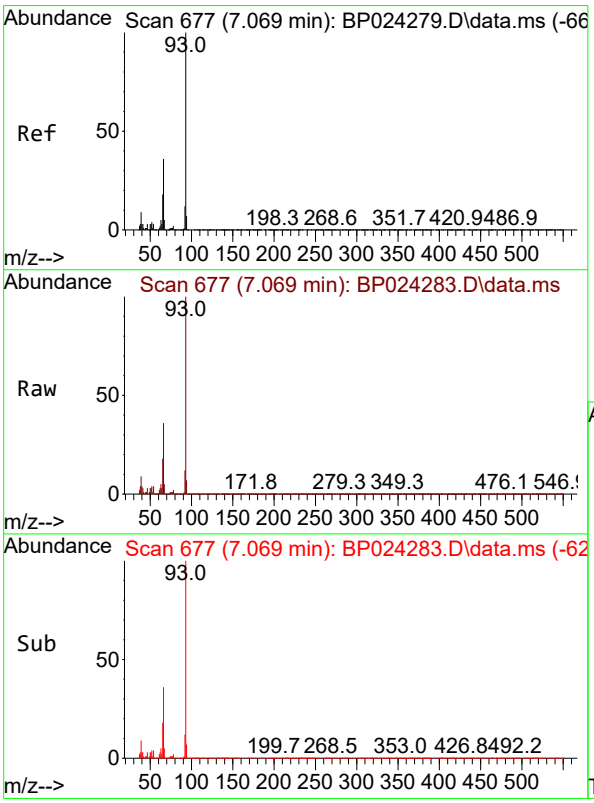
#5
2-Fluorophenol
Concen: 81.302 ng
RT: 5.346 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:112 Resp: 1141956

Ion	Ratio	Lower	Upper
112	100		
64	53.2	41.1	61.7
63	26.8	20.6	30.8

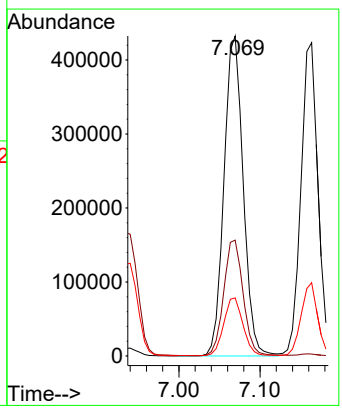


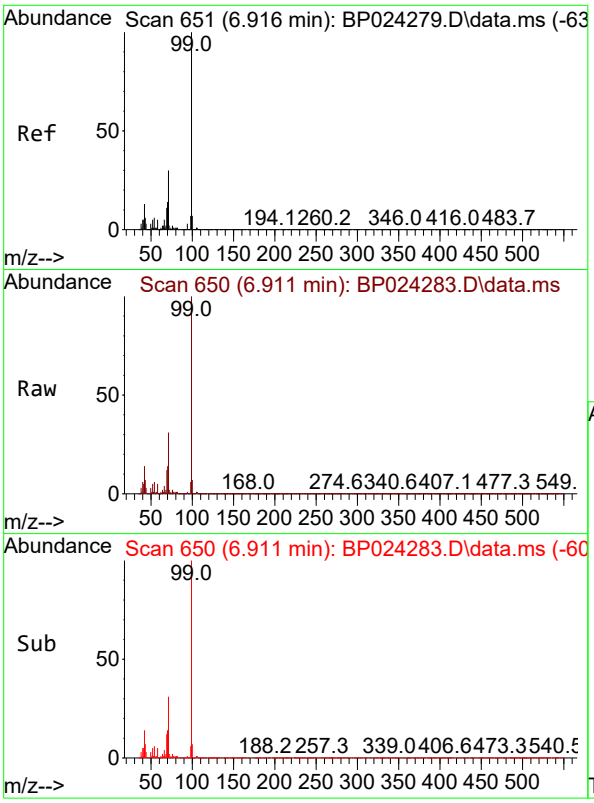


#6
Aniline
Concen: 41.370 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 710981

Ion	Ratio	Lower	Upper
93	100		
66	36.2	29.1	43.7
65	18.2	14.7	22.1



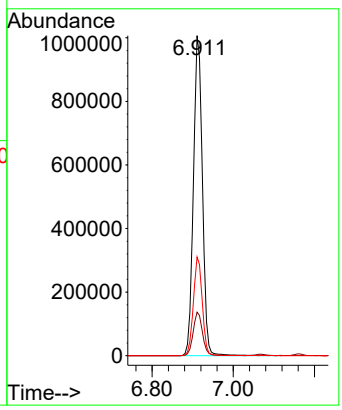


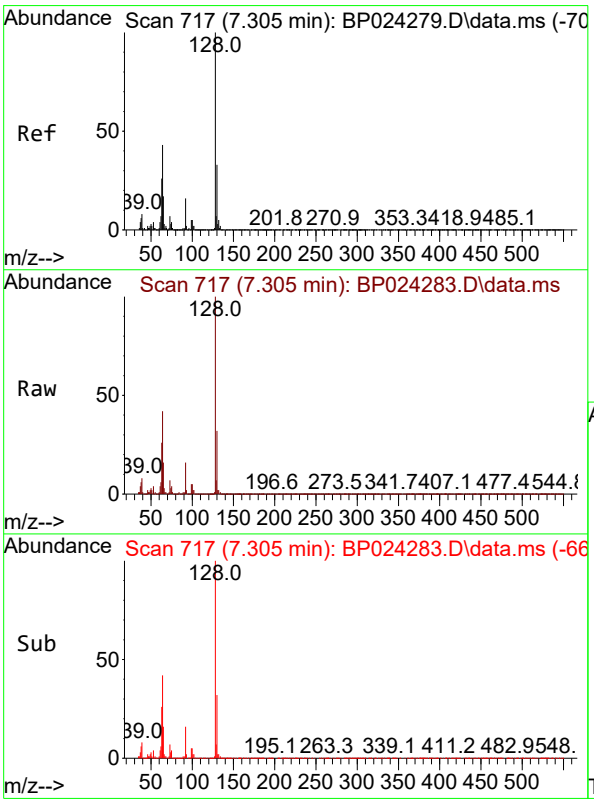
#7
Phenol-d6
Concen: 81.063 ng
RT: 6.911 min Scan# 6
Delta R.T. -0.005 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 99 Resp: 1559050

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	16.0
71	30.9	23.7	35.5

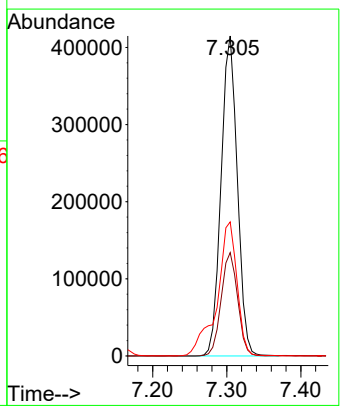


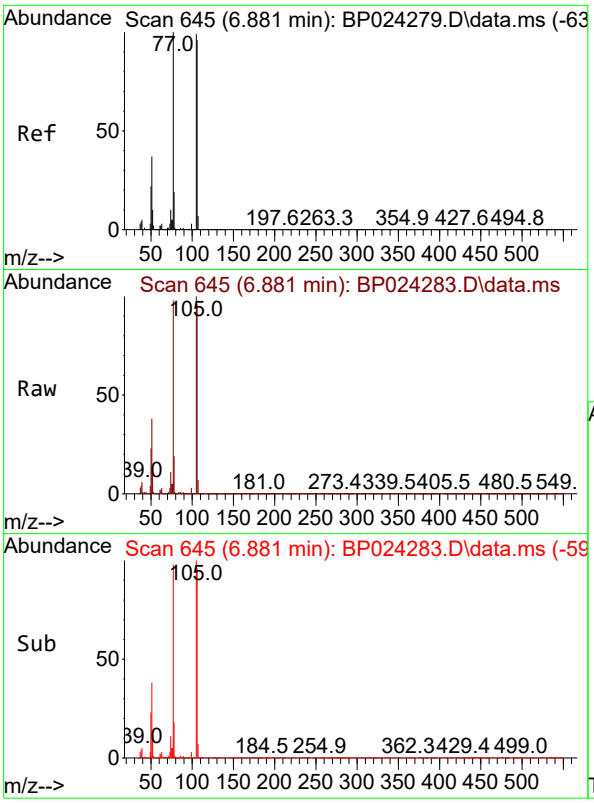


#8
2-Chlorophenol
Concen: 40.334 ng
RT: 7.305 min Scan# 717
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:128 Resp: 632515

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	41.9	22.7	62.7



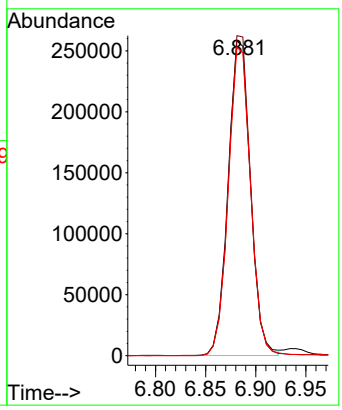


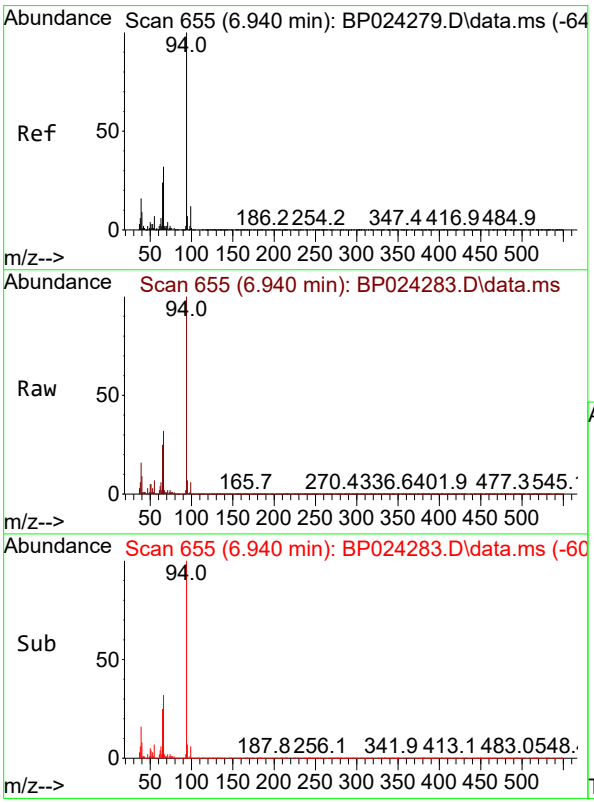
#9
Benzaldehyde
Concen: 42.024 ng
RT: 6.881 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 399803

Ion	Ratio	Lower	Upper
77	100		
105	101.7	79.2	119.2
106	98.0	76.2	116.2

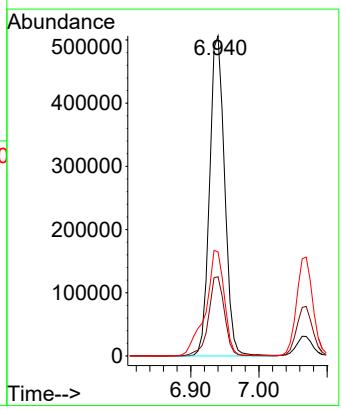


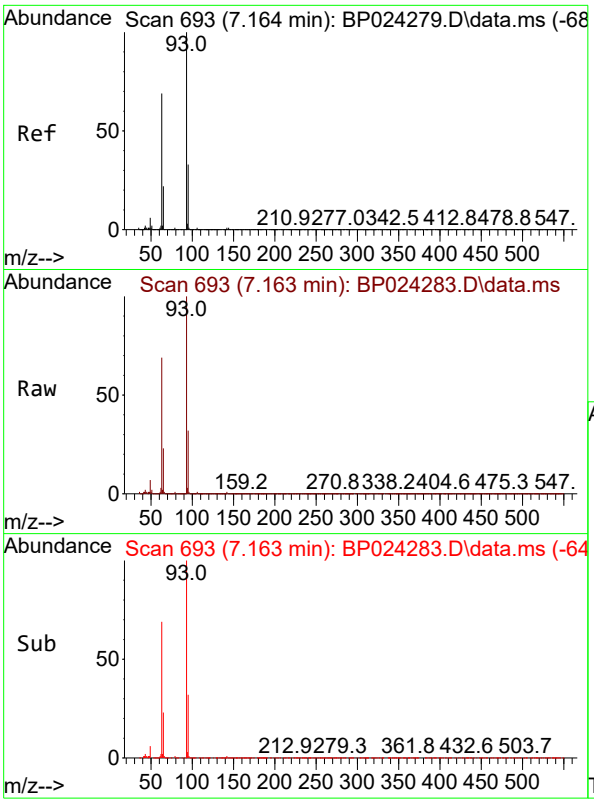


#10
Phenol
Concen: 40.306 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 94 Resp: 777631

Ion	Ratio	Lower	Upper
94	100		
65	24.7	4.5	44.5
66	32.5	12.4	52.4



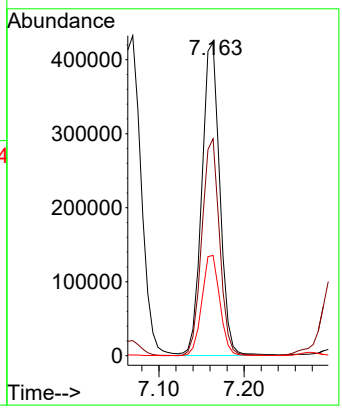


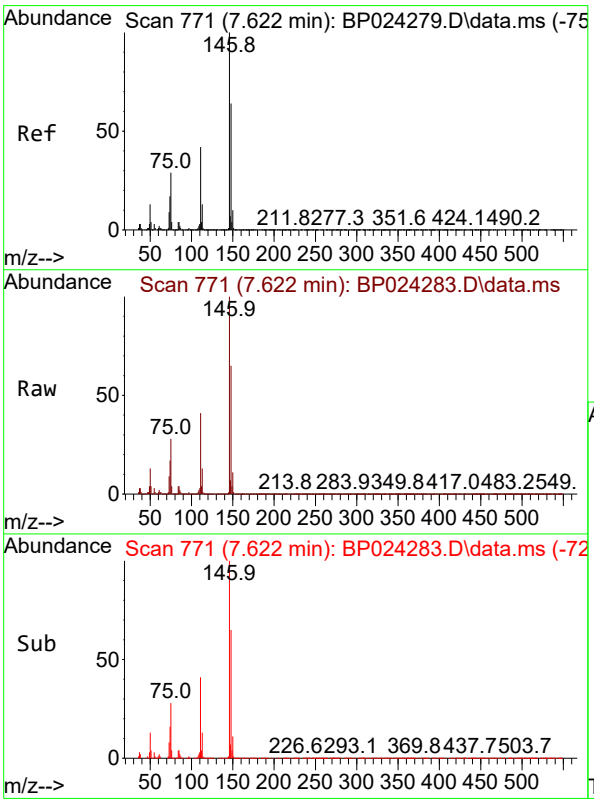
#11
bis(2-Chloroethyl)ether
Concen: 39.902 ng
RT: 7.163 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 93 Resp: 620261

Ion	Ratio	Lower	Upper
93	100		
63	69.2	48.6	88.6
95	32.0	12.3	52.3

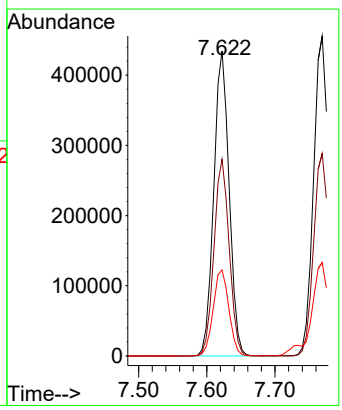


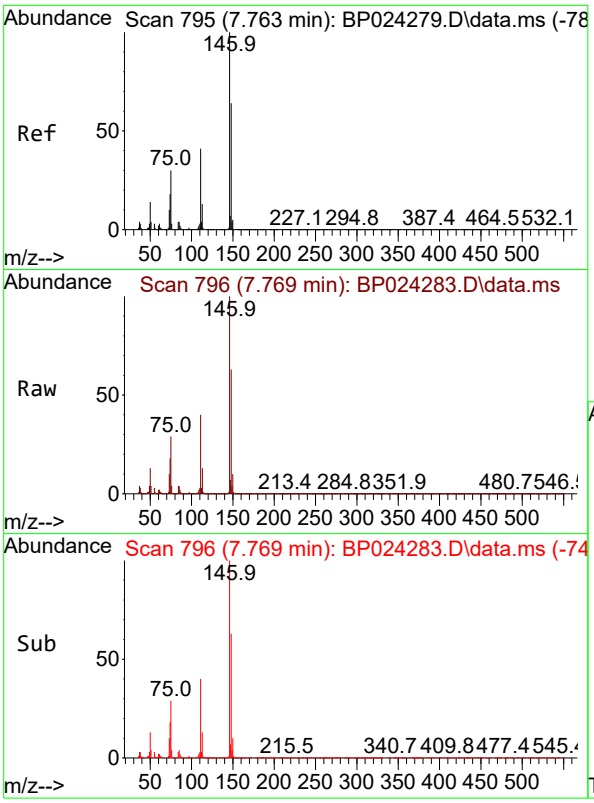


#12
1,3-Dichlorobenzene
Concen: 40.298 ng
RT: 7.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 680343

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	28.2	22.9	34.3



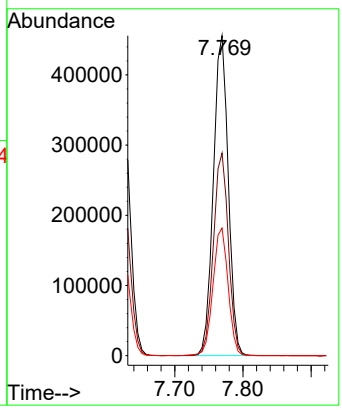


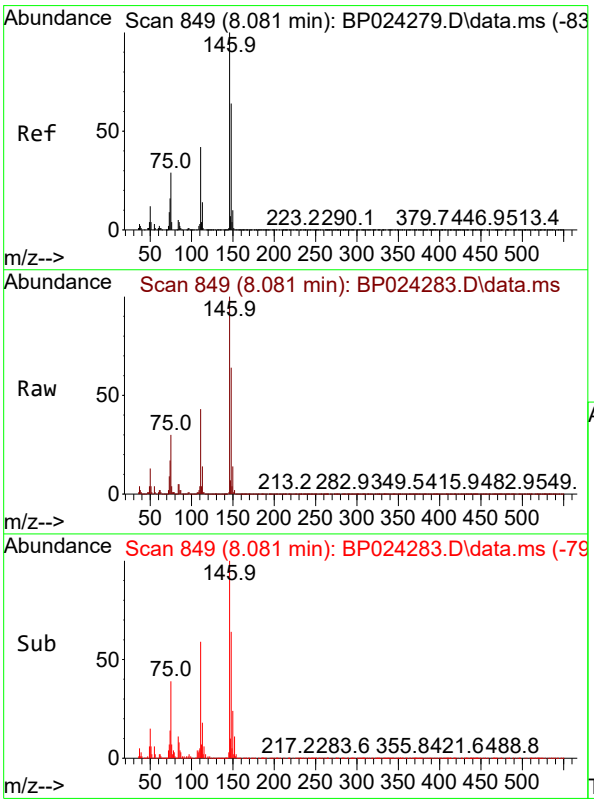
#13
1,4-Dichlorobenzene
Concen: 40.516 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:146 Resp: 694020

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	39.9	32.6	48.8

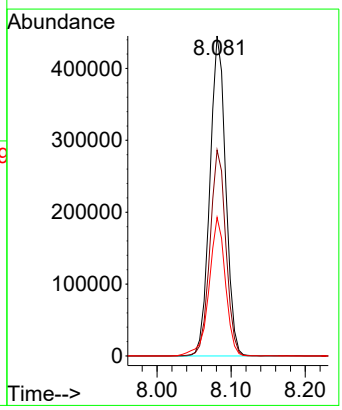


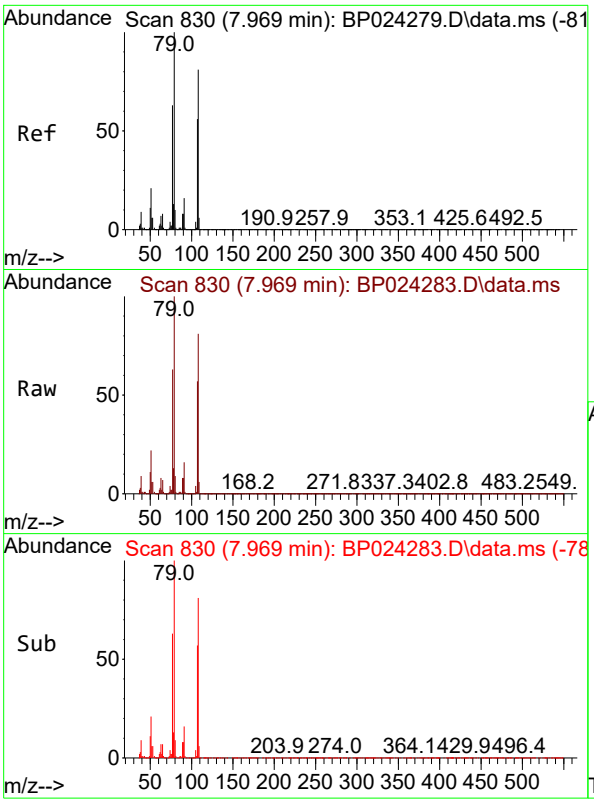


#14
1,2-Dichlorobenzene
Concen: 39.898 ng
RT: 8.081 min Scan# 849
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:146 Resp: 659947

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	43.3	33.8	50.8



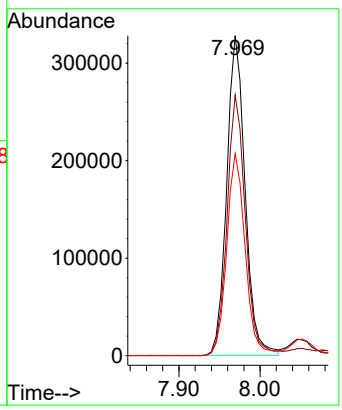


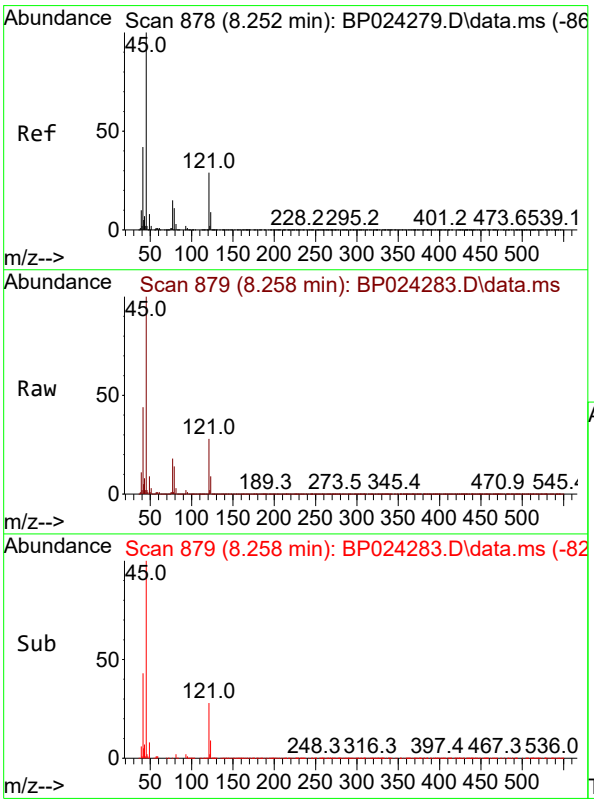
#15
Benzyl Alcohol
Concen: 41.621 ng
RT: 7.969 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 79 Resp: 517678

Ion	Ratio	Lower	Upper
79	100		
108	81.4	65.1	97.7
77	63.1	50.7	76.1

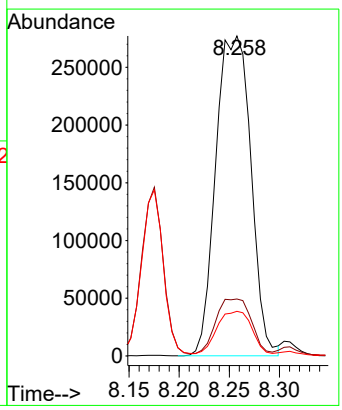


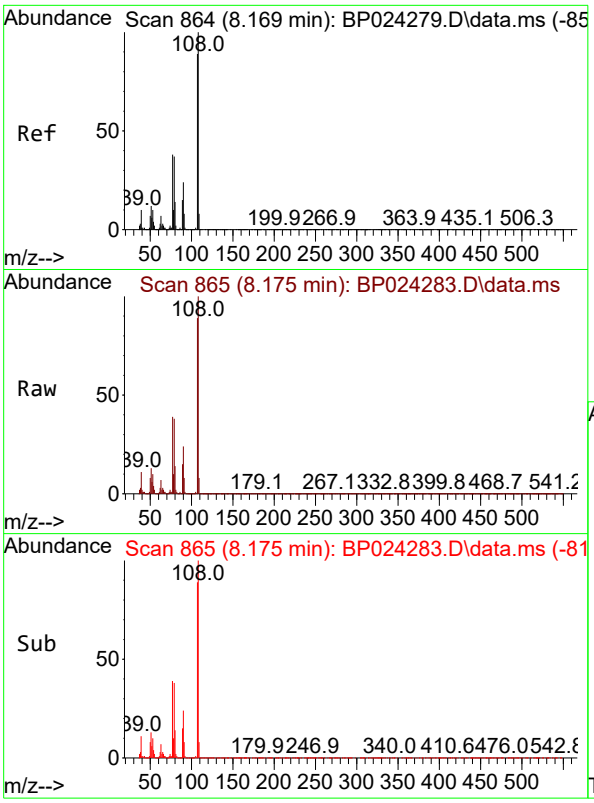


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.173 ng
RT: 8.258 min Scan# 879
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 45 Resp: 674999

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.9	0.0	33.5



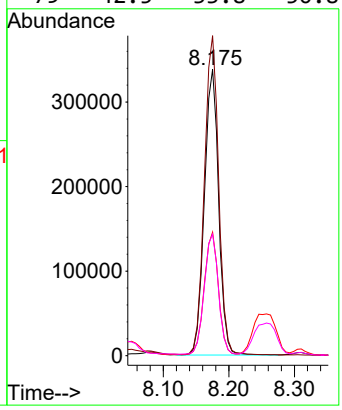


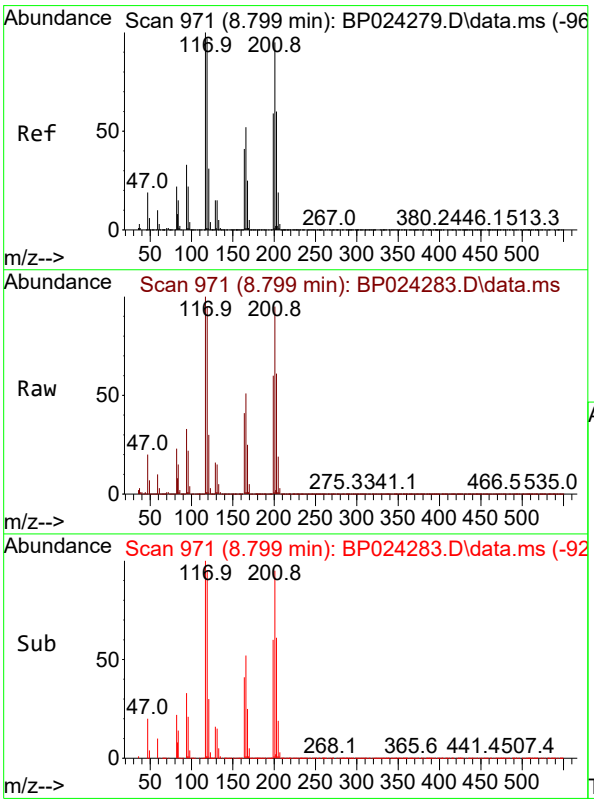
#17
2-Methylphenol
Concen: 41.046 ng
RT: 8.175 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:107 Resp: 512292

Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.8	134.6
77	43.2	34.2	51.4
79	42.5	33.8	50.8

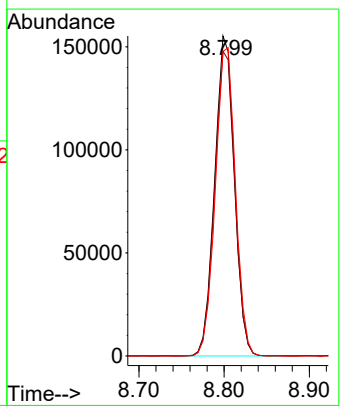


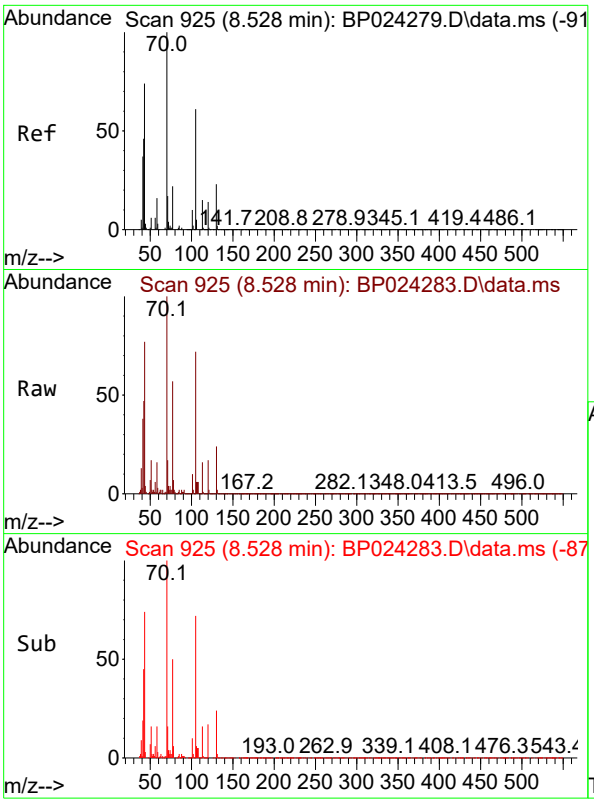


#18
Hexachloroethane
Concen: 40.522 ng
RT: 8.799 min Scan# 971
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:117 Resp: 250852

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6
201	95.1	75.9	113.9



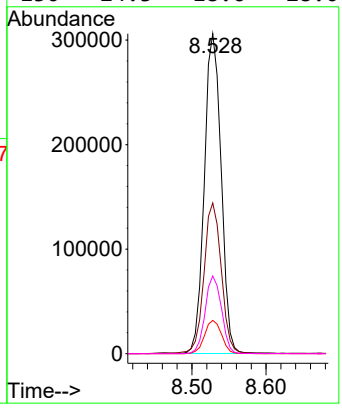


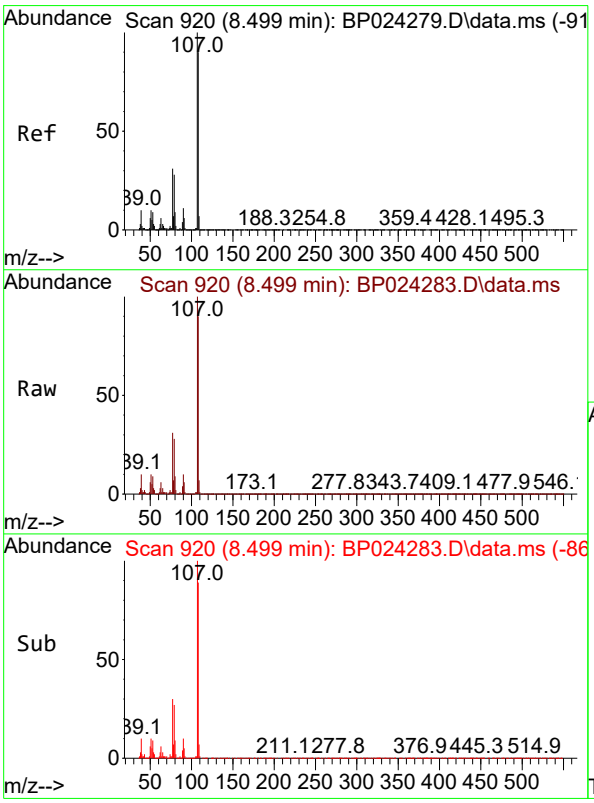
#19
n-Nitroso-di-n-propylamine
Concen: 40.471 ng
RT: 8.528 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 70 Resp: 481540

Ion	Ratio	Lower	Upper
70	100		
42	47.1	37.3	55.9
101	10.4	8.2	12.4
130	24.3	18.6	28.0

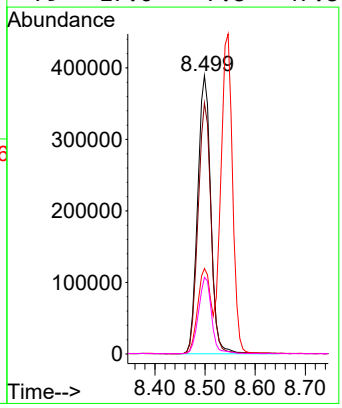


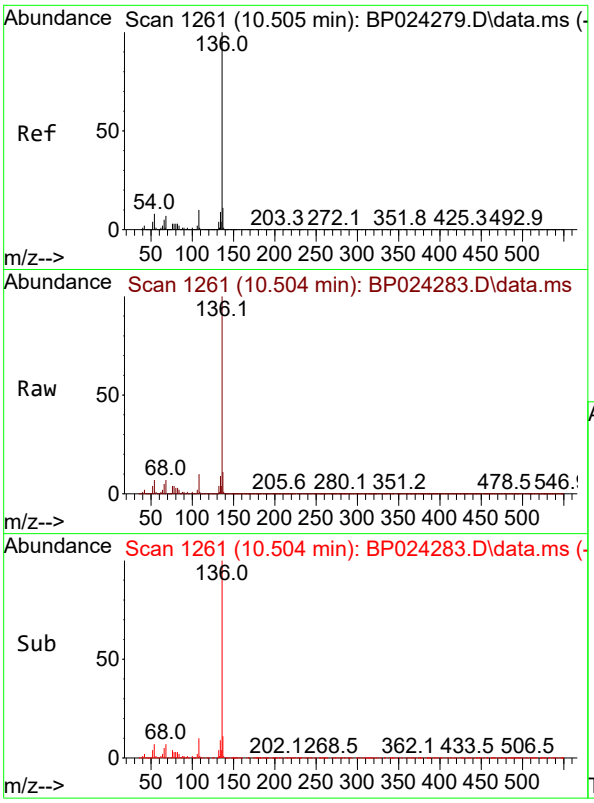


#20
3+4-Methylphenols
Concen: 40.810 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 706733

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.8	109.8
77	30.7	11.5	51.5
79	27.6	7.8	47.8



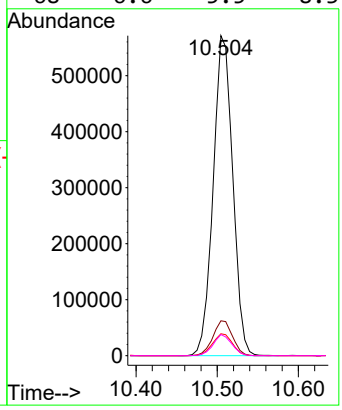


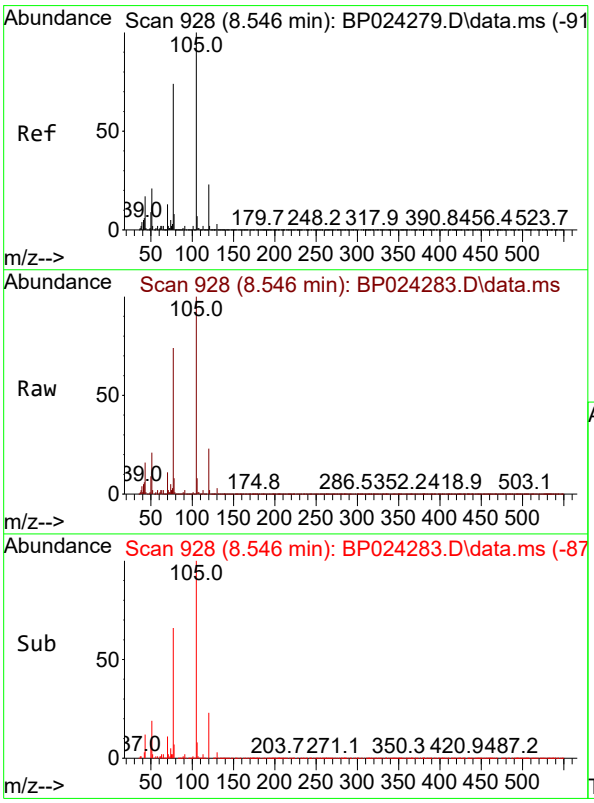
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.504 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:136 Resp: 956448

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	6.0	9.0
68	6.6	5.5	8.3

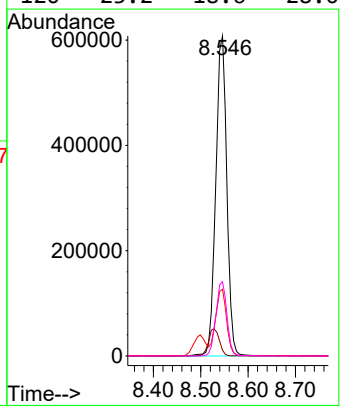


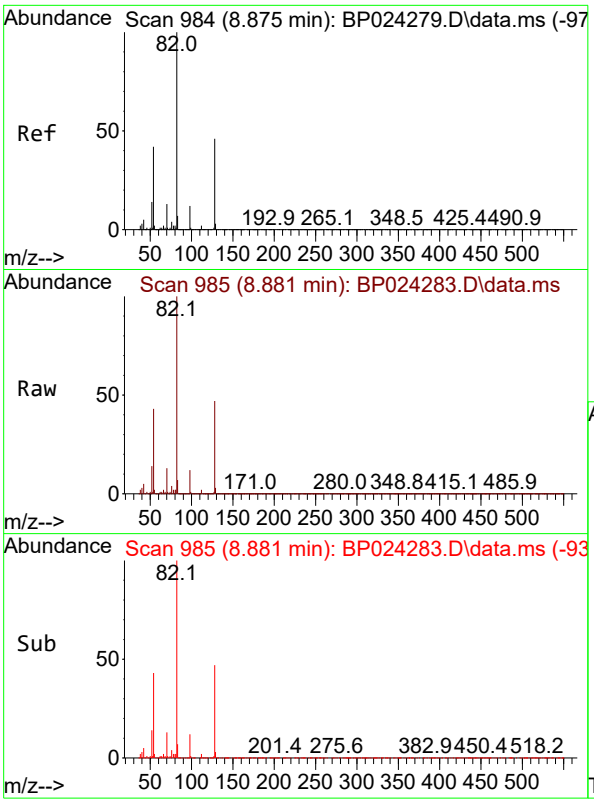


#22
Acetophenone
Concen: 41.652 ng
RT: 8.546 min Scan# 928
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:105 Resp: 986019

Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.7	2.5
51	20.8	16.9	25.3
120	23.2	18.6	28.0



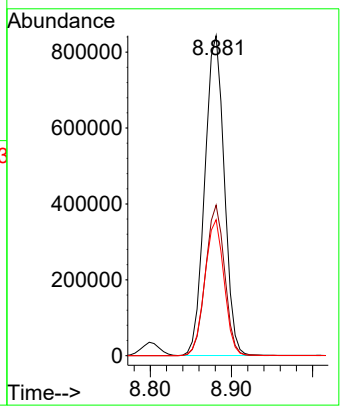


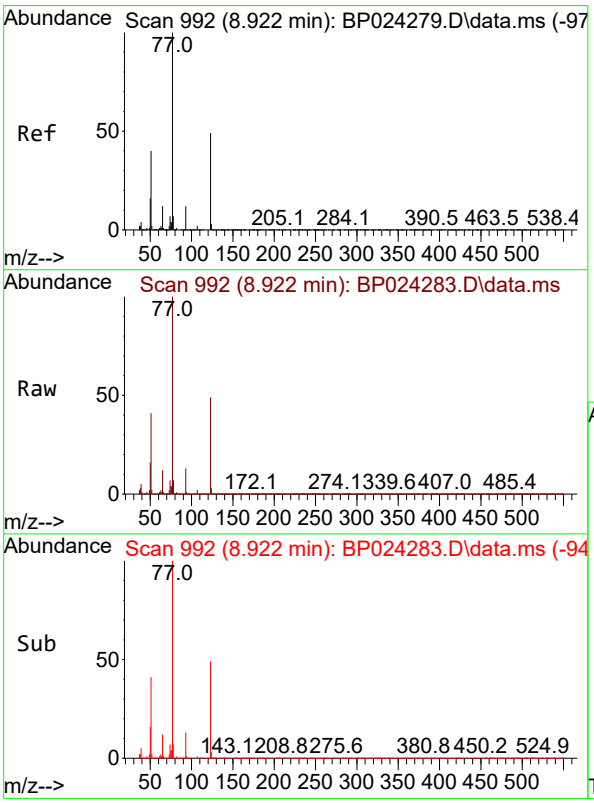
#23
Nitrobenzene-d5
Concen: 83.531 ng
RT: 8.881 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1401115

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	42.5	33.4	50.2

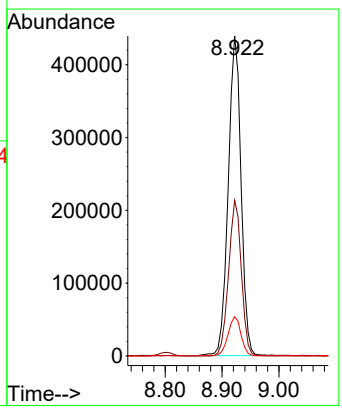


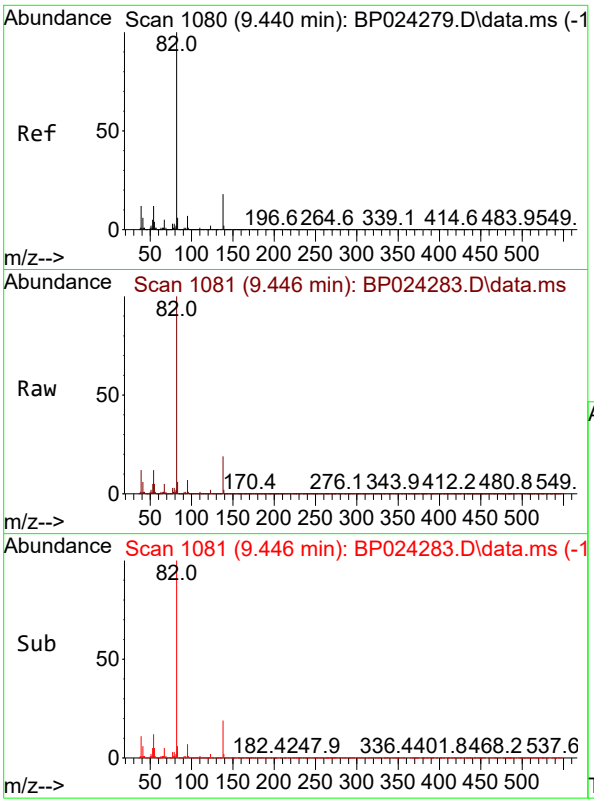


#24
Nitrobenzene
Concen: 41.537 ng
RT: 8.922 min Scan# 992
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 77 Resp: 689231

Ion	Ratio	Lower	Upper
77	100		
123	48.7	39.2	58.8
65	12.2	9.8	14.6



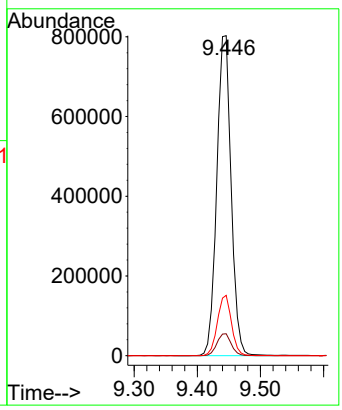


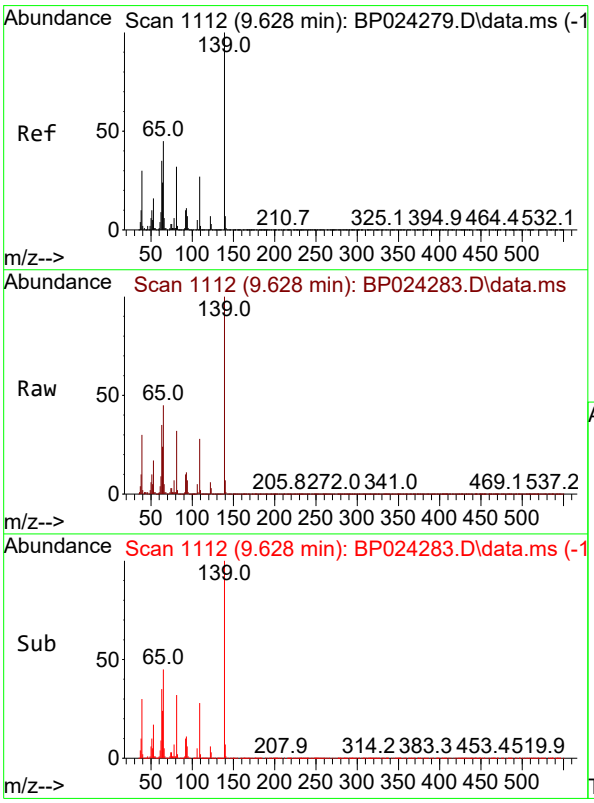
#25
Isophorone
Concen: 41.648 ng
RT: 9.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 82 Resp: 1264480

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.8	14.4	21.6

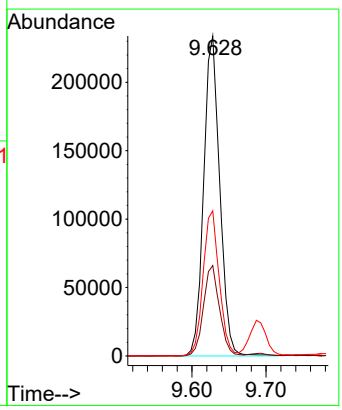


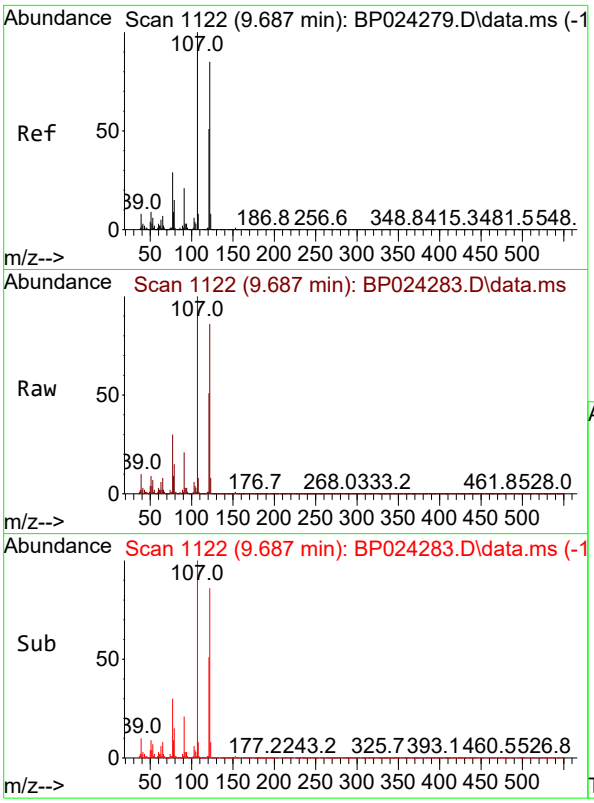


#26
2-Nitrophenol
Concen: 43.376 ng
RT: 9.628 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 352229

Ion	Ratio	Lower	Upper
139	100		
109	28.2	21.8	32.6
65	45.3	36.2	54.2



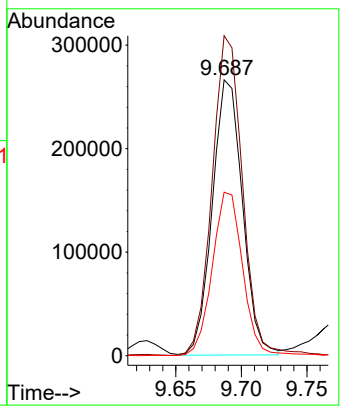


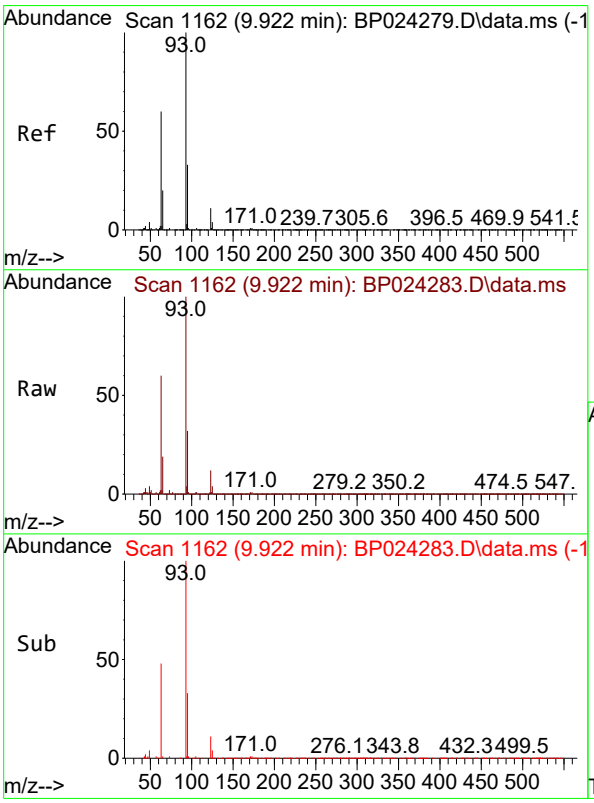
#27
2,4-Dimethylphenol
Concen: 41.689 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:122 Resp: 425062

Ion	Ratio	Lower	Upper
122	100		
107	116.0	93.7	140.5
121	59.3	48.2	72.2

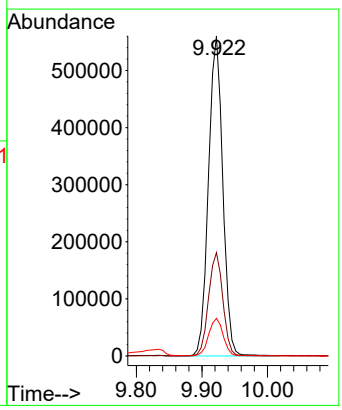


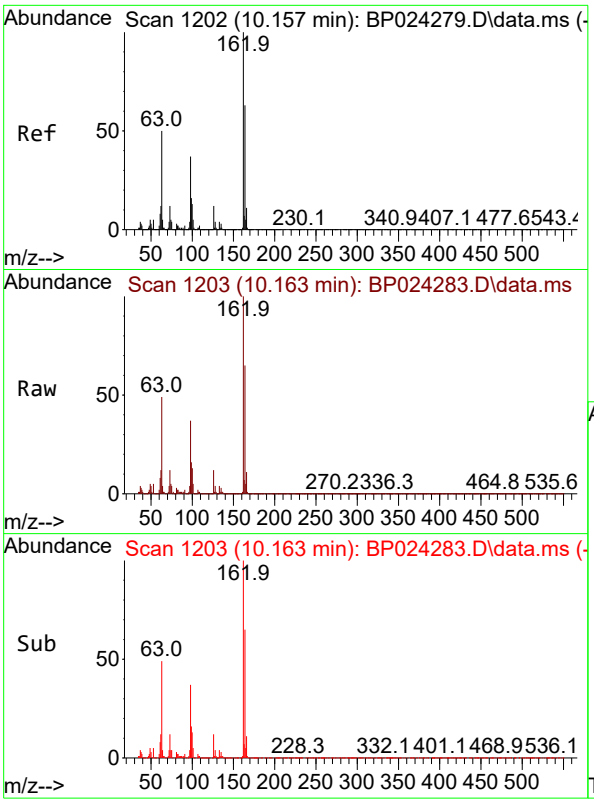


#28
bis(2-Chloroethoxy)methane
Concen: 41.402 ng
RT: 9.922 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 93 Resp: 849161

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.7	9.1	13.7



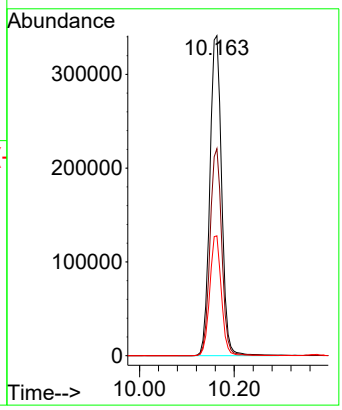


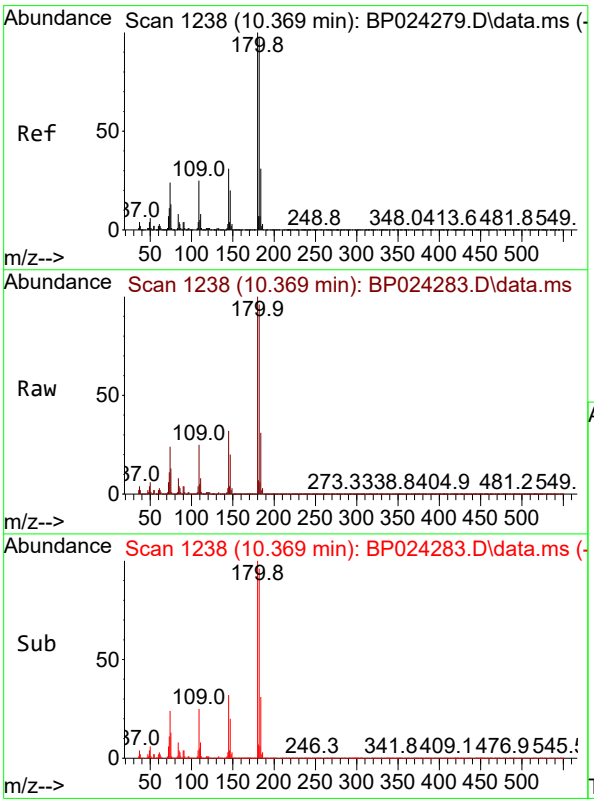
#29
2,4-Dichlorophenol
Concen: 42.461 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 590306

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.3	83.3
98	37.4	16.6	56.6

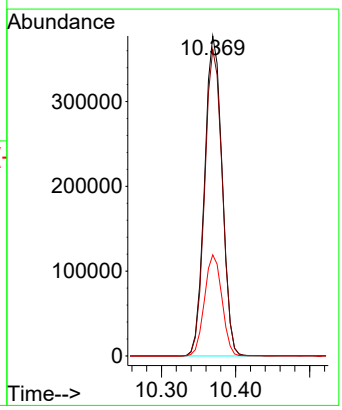


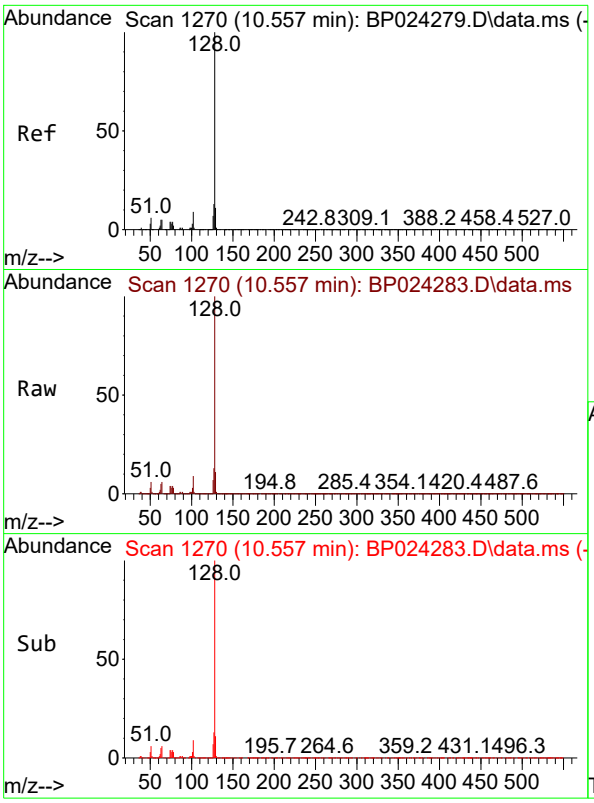


#30
1,2,4-Trichlorobenzene
Concen: 41.612 ng
RT: 10.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:180 Resp: 619818

Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.3	115.9
145	31.6	25.1	37.7



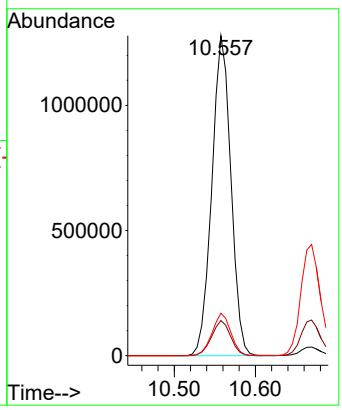


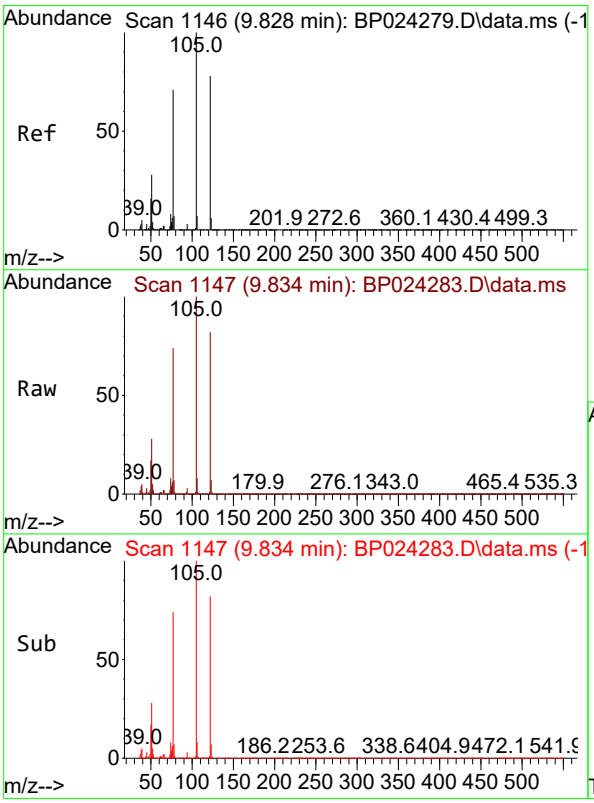
#31
Naphthalene
Concen: 41.386 ng
RT: 10.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:128 Resp: 2085090

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.2	10.3	15.5

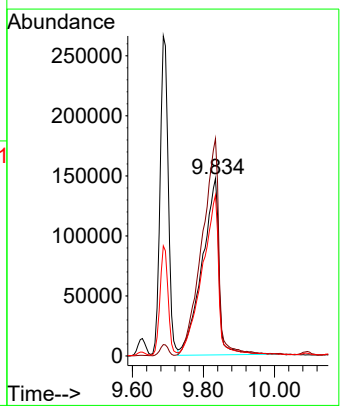


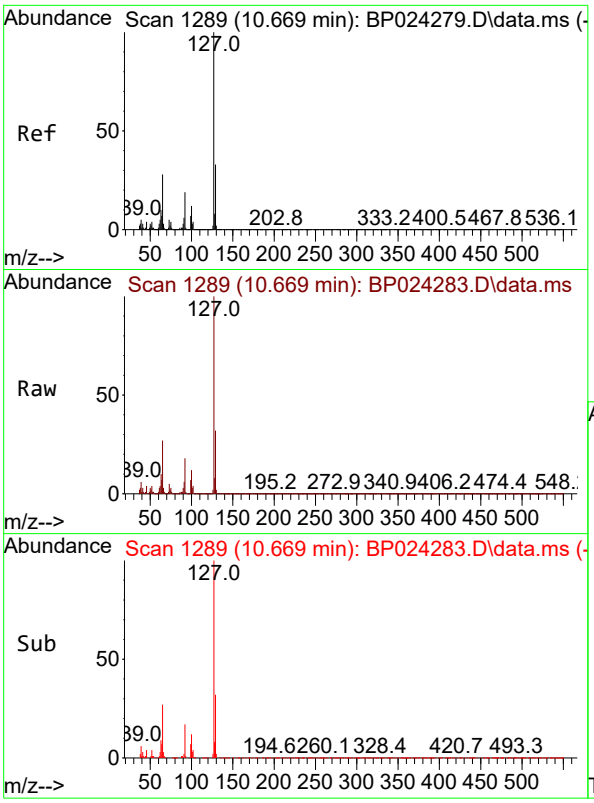


#32
Benzoic acid
Concen: 40.959 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.041 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:122 Resp: 486627

Ion	Ratio	Lower	Upper
122	100		
105	122.5	104.8	144.8
77	90.6	69.2	109.2



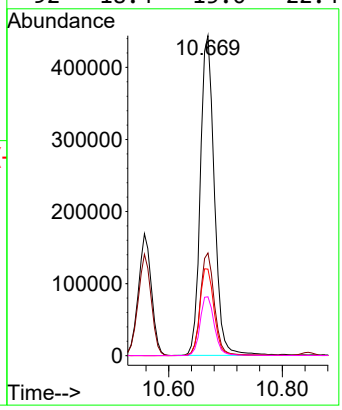


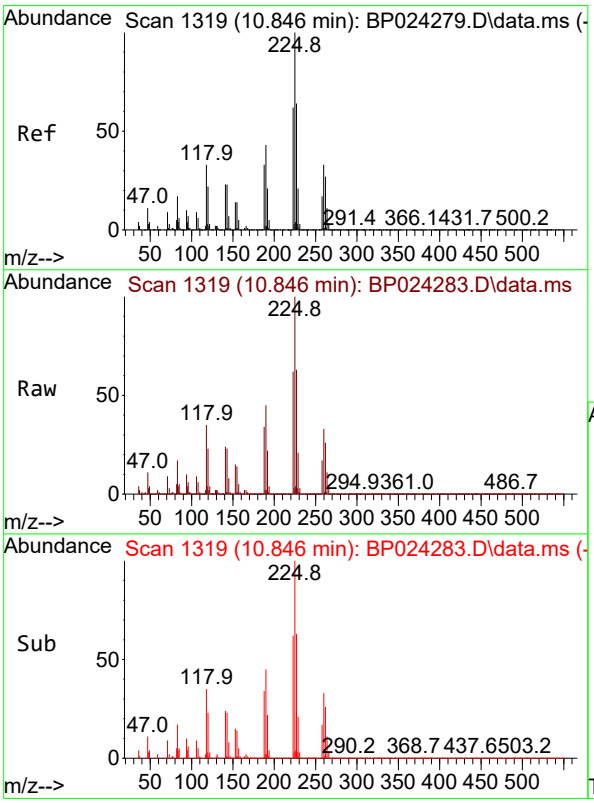
#33
4-Chloroaniline
Concen: 42.937 ng
RT: 10.669 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:127 Resp: 761817

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	27.1	22.1	33.1
92	18.4	15.0	22.4

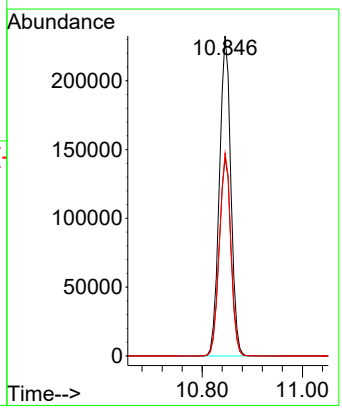


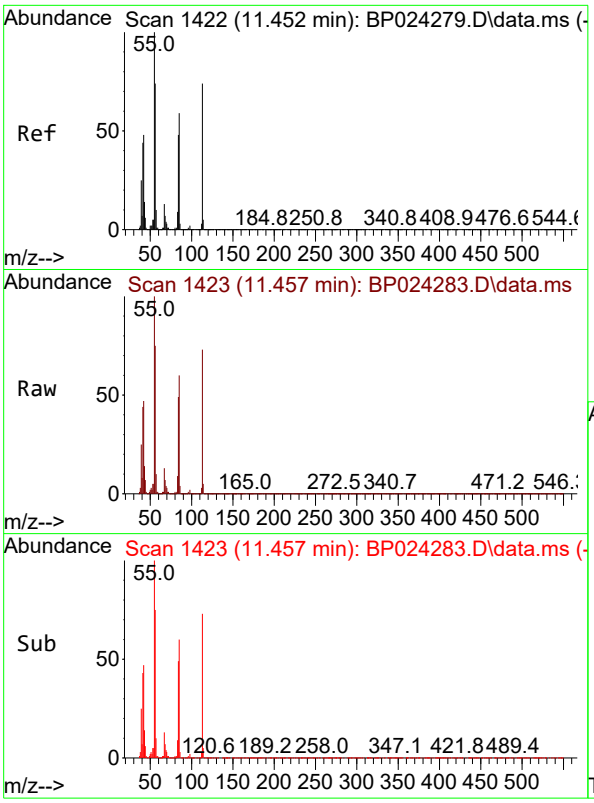


#34
Hexachlorobutadiene
Concen: 42.007 ng
RT: 10.846 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:225 Resp: 367684

Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.5	74.3
227	63.4	50.9	76.3



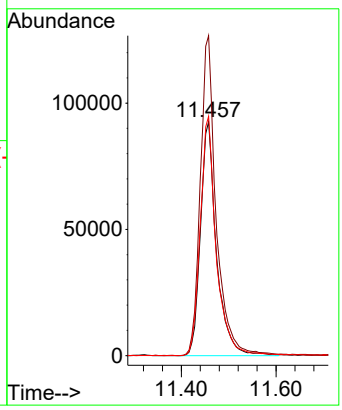


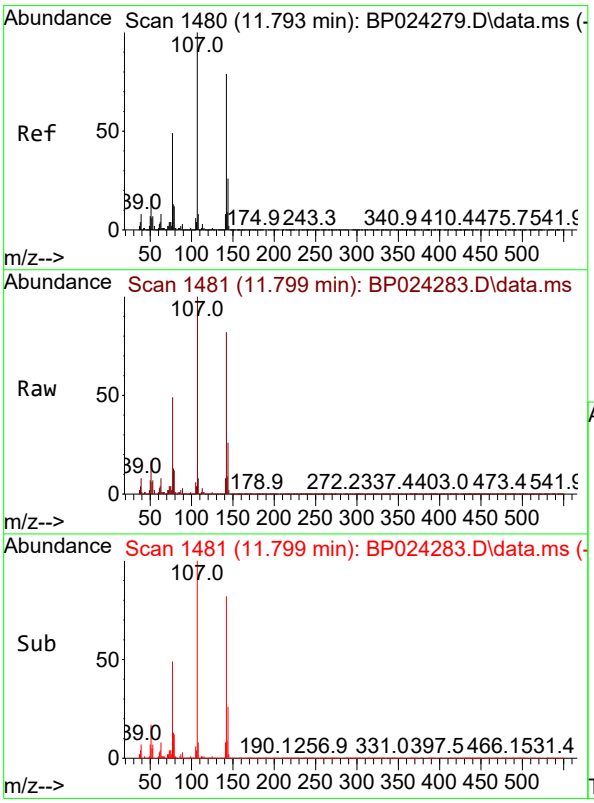
#35
Caprolactam
Concen: 42.152 ng
RT: 11.457 min Scan# 14
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:113 Resp: 216229

Ion	Ratio	Lower	Upper
113	100		
55	136.8	115.9	155.9
56	102.3	81.1	121.1

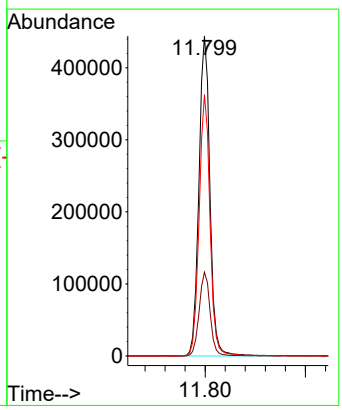


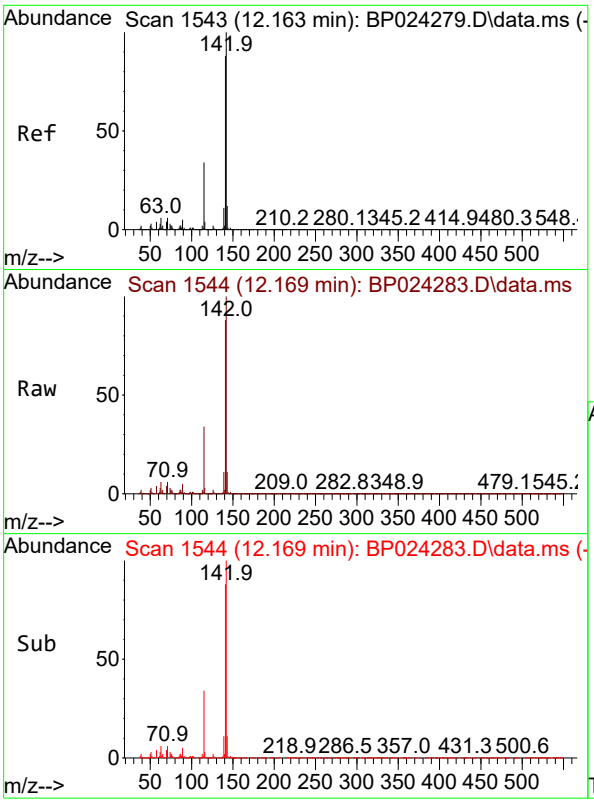


#36
4-Chloro-3-methylphenol
Concen: 41.737 ng
RT: 11.799 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:107 Resp: 675857

Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.5	30.7
142	81.6	63.4	95.2



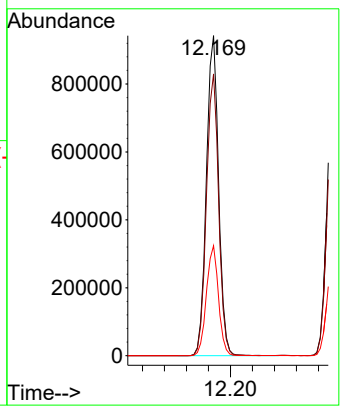


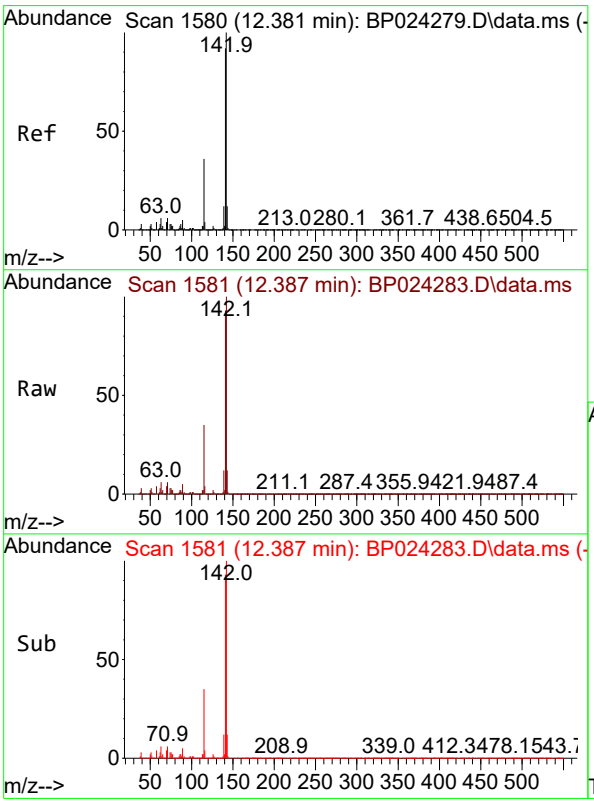
#37
2-Methylnaphthalene
Concen: 41.403 ng
RT: 12.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:142 Resp: 1446647

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	34.4	26.9	40.3

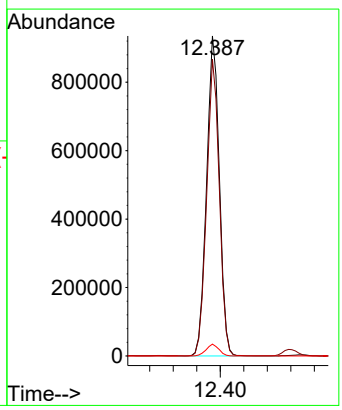


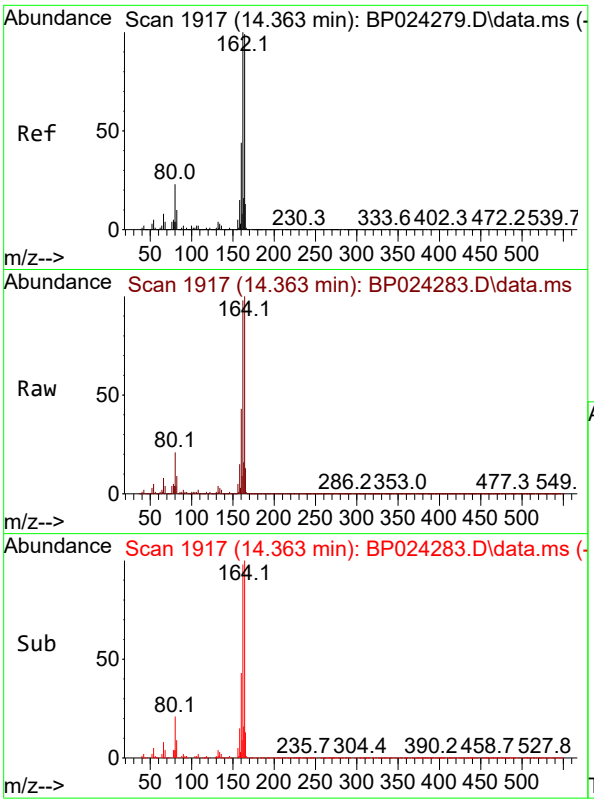


#38
1-Methylnaphthalene
Concen: 41.210 ng
RT: 12.387 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:142 Resp: 1408633

Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.6	110.4
116	3.7	3.0	4.6



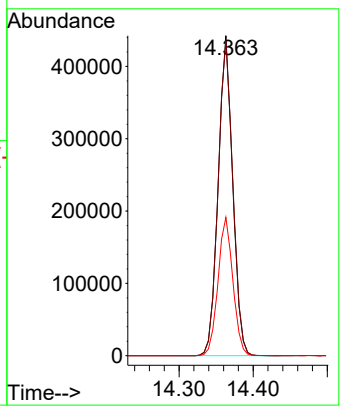


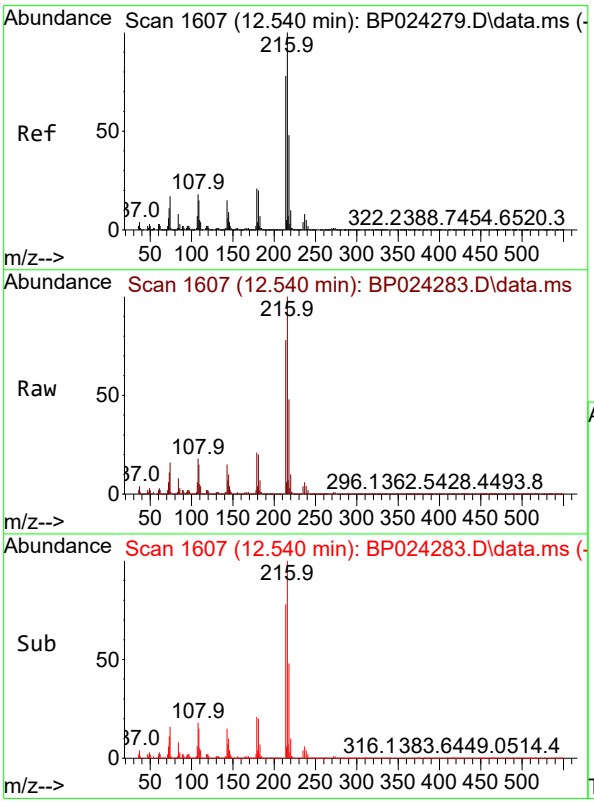
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:164 Resp: 600031

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.6	120.8
160	43.2	35.3	52.9

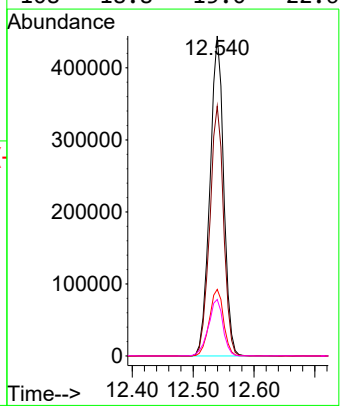


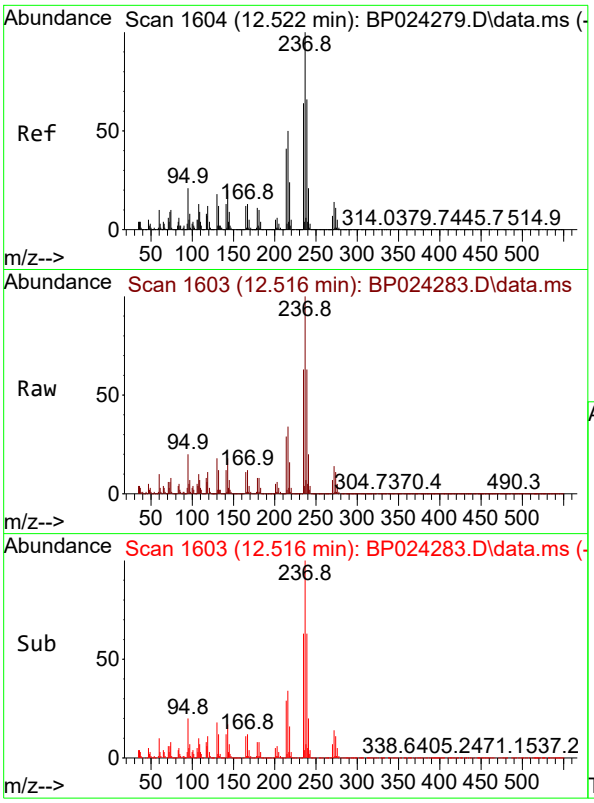


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.275 ng
RT: 12.540 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:216 Resp: 697580

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.6	93.8
179	21.5	17.2	25.8
108	18.8	15.0	22.6



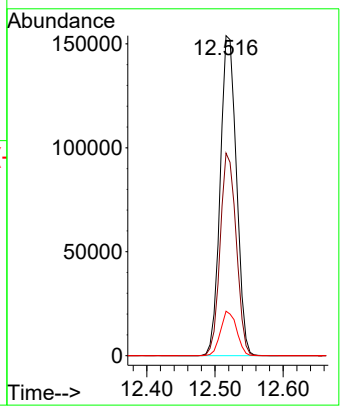


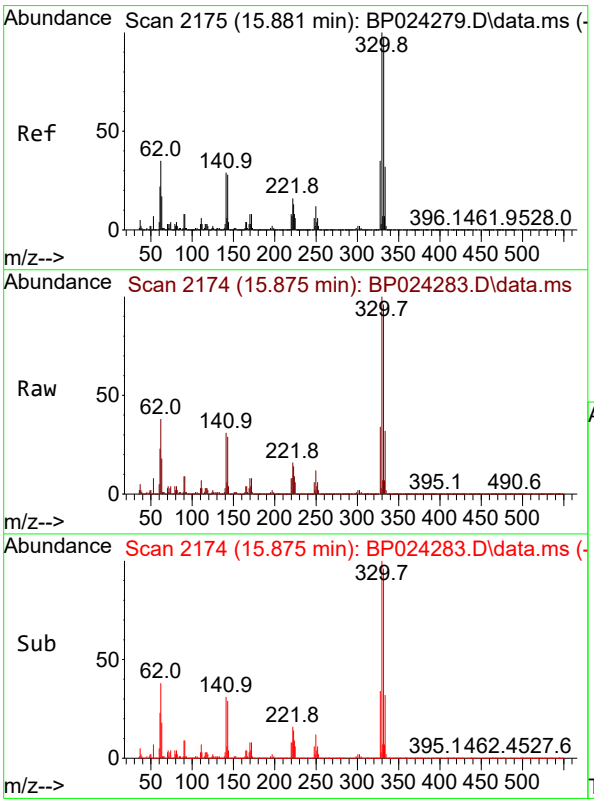
#41
Hexachlorocyclopentadiene
Concen: 43.639 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:237 Resp: 254676

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	13.9	0.0	33.6

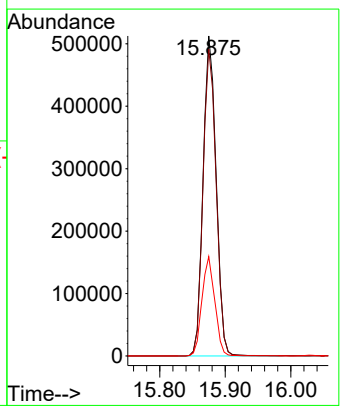


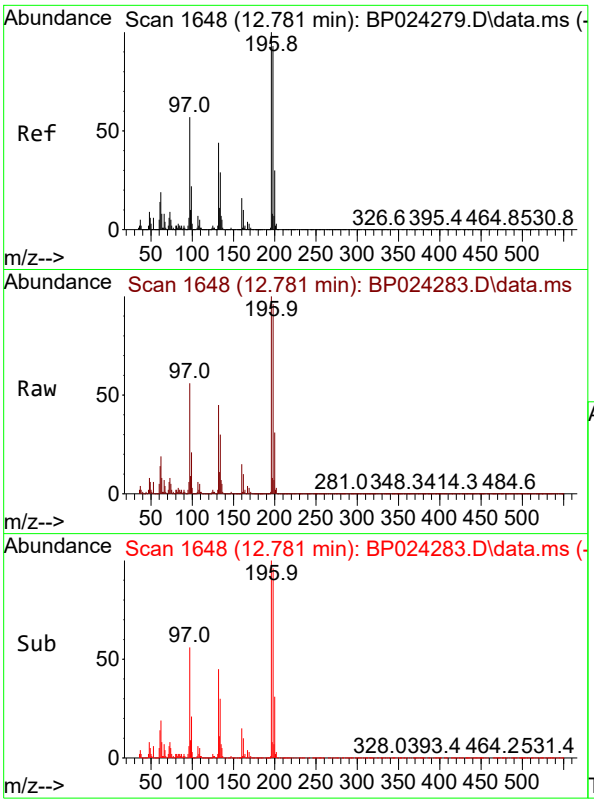


#42
2,4,6-Tribromophenol
Concen: 85.488 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:330 Resp: 709703

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	30.7	24.7	37.1



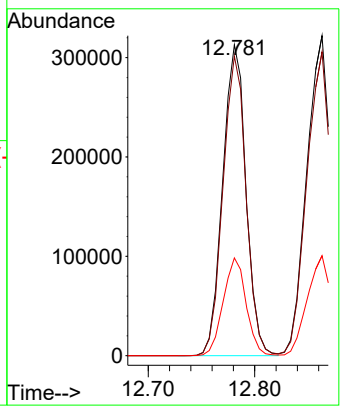


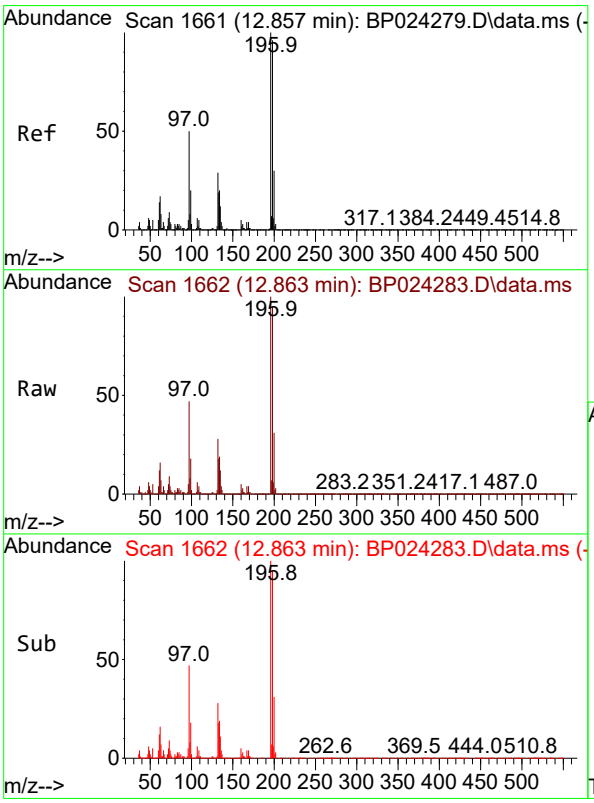
#43
2,4,6-Trichlorophenol
Concen: 43.329 ng
RT: 12.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:196 Resp: 475349

Ion	Ratio	Lower	Upper
196	100		
198	96.3	74.3	111.5
200	31.4	24.0	36.0

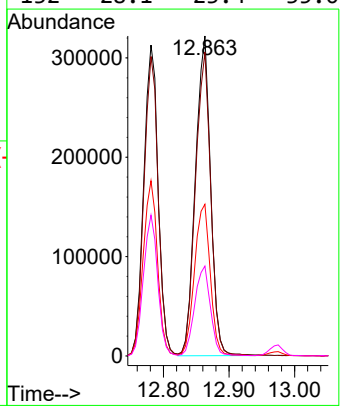


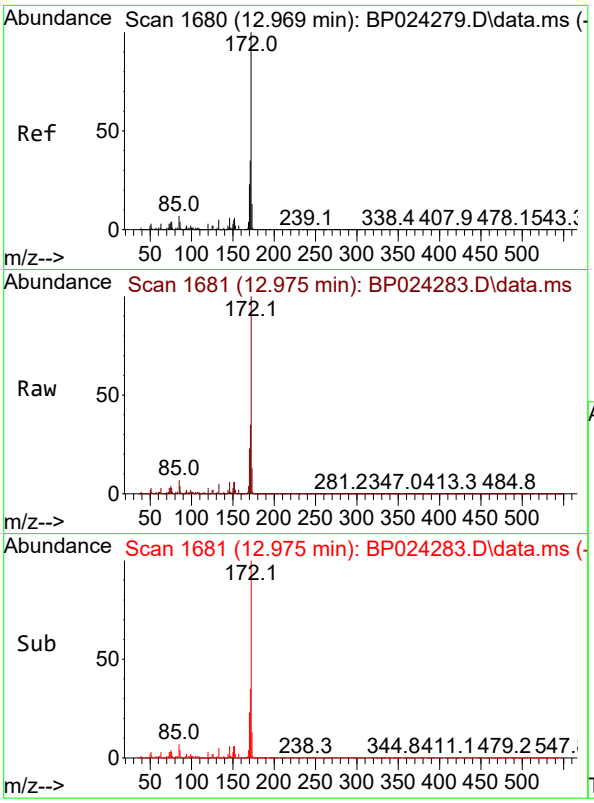


#44
2,4,5-Trichlorophenol
Concen: 42.828 ng
RT: 12.863 min Scan# 1662
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:196 Resp: 520298

Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.3	115.9
97	47.4	40.4	60.6
132	28.1	23.4	35.0



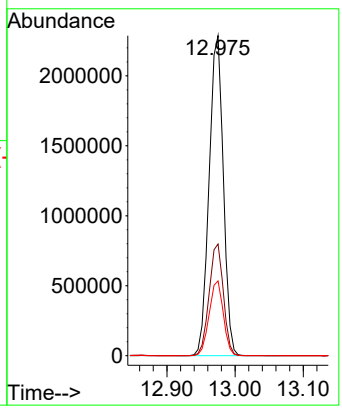


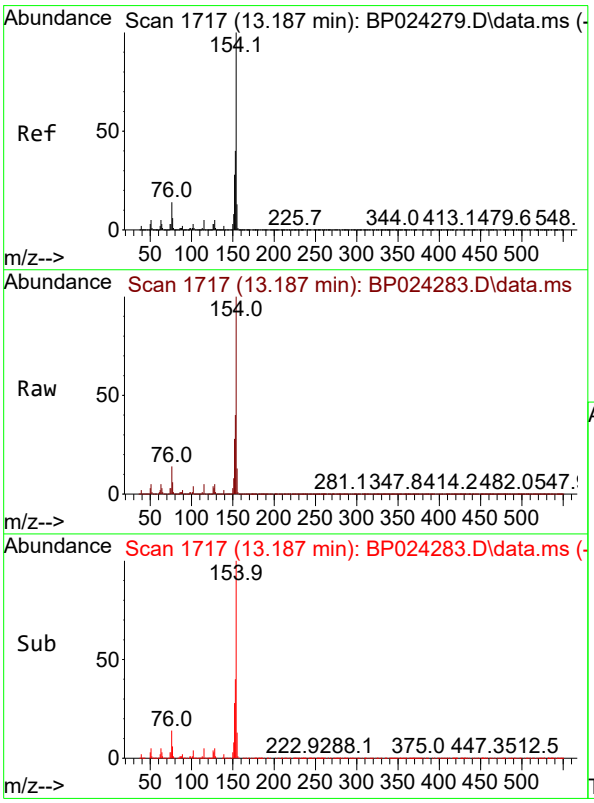
#45
2-Fluorobiphenyl
Concen: 84.715 ng
RT: 12.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:172 Resp: 3319933

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.3	18.6	27.8

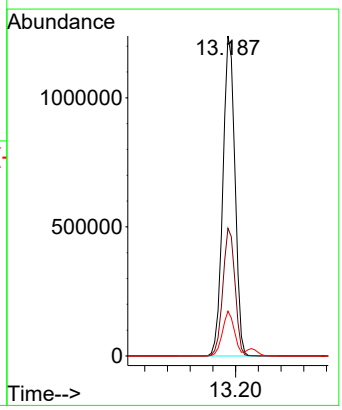


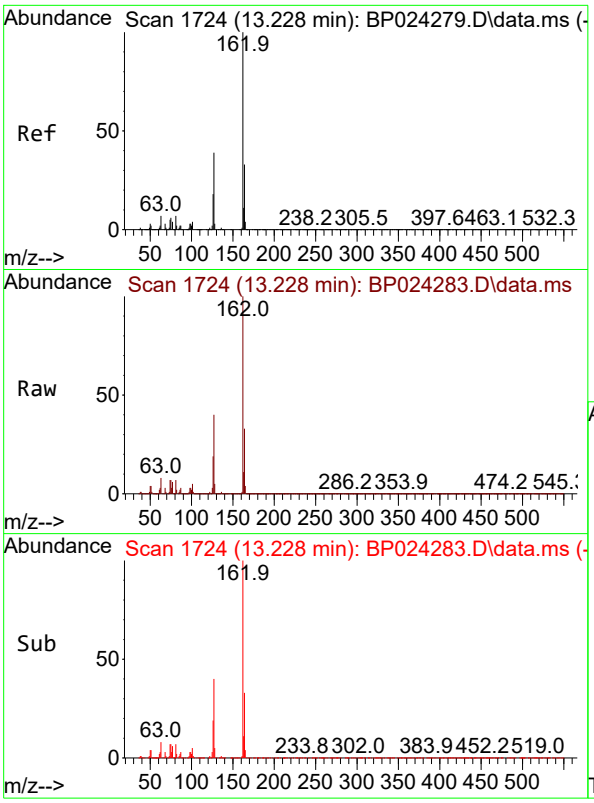


#46
1,1'-Biphenyl
Concen: 41.595 ng
RT: 13.187 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1834570

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.3	60.3
76	14.0	0.0	33.5



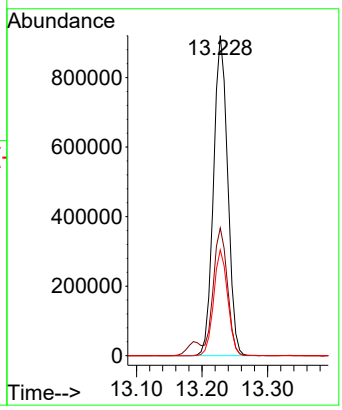


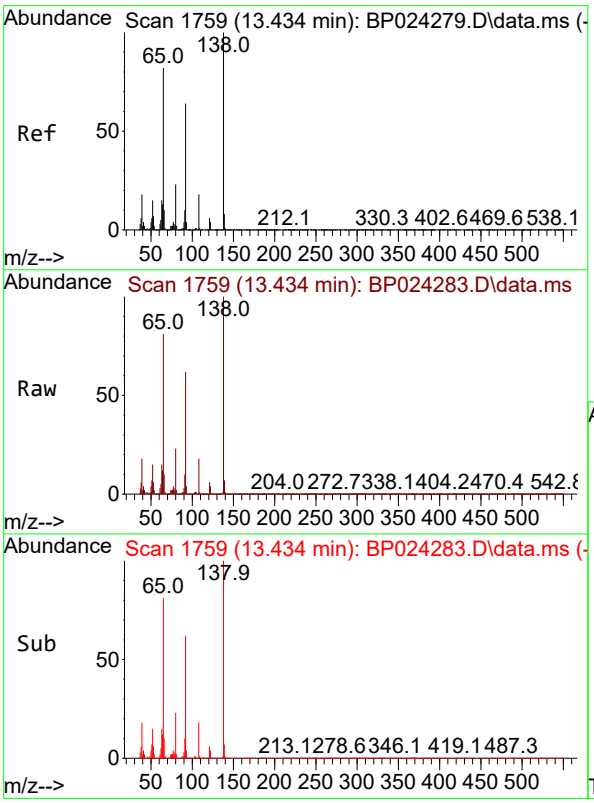
#47
2-Chloronaphthalene
Concen: 41.786 ng
RT: 13.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:162 Resp: 1377424

Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.9	47.9
164	33.0	26.2	39.4

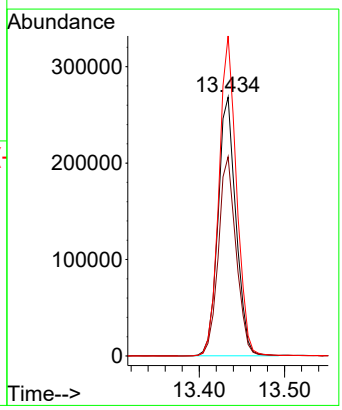


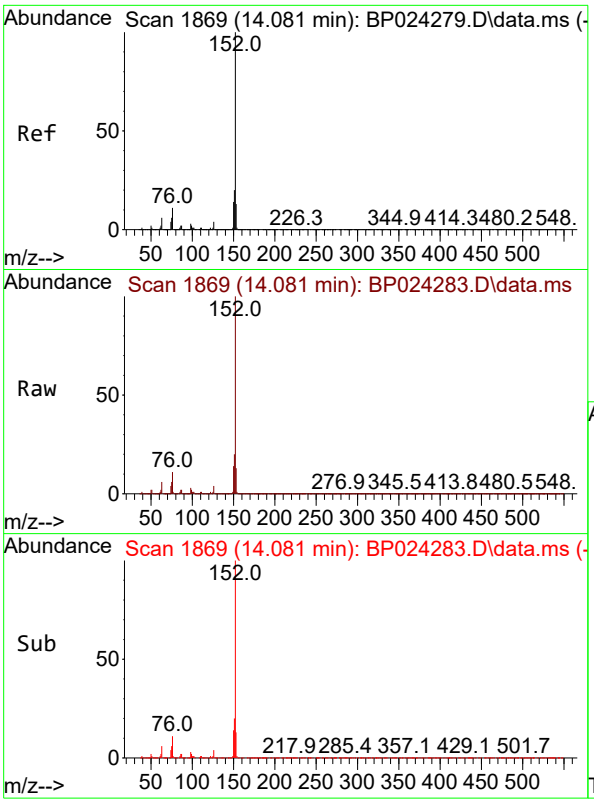


#48
2-Nitroaniline
Concen: 42.475 ng
RT: 13.434 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion: 65 Resp: 392742

Ion	Ratio	Lower	Upper
65	100		
92	77.0	62.3	93.5
138	123.6	97.2	145.8



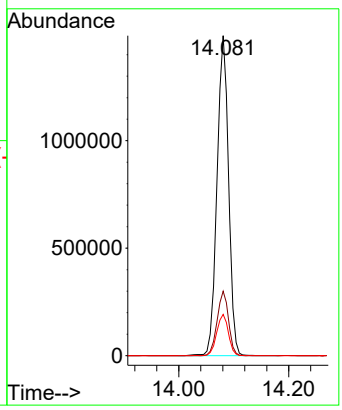


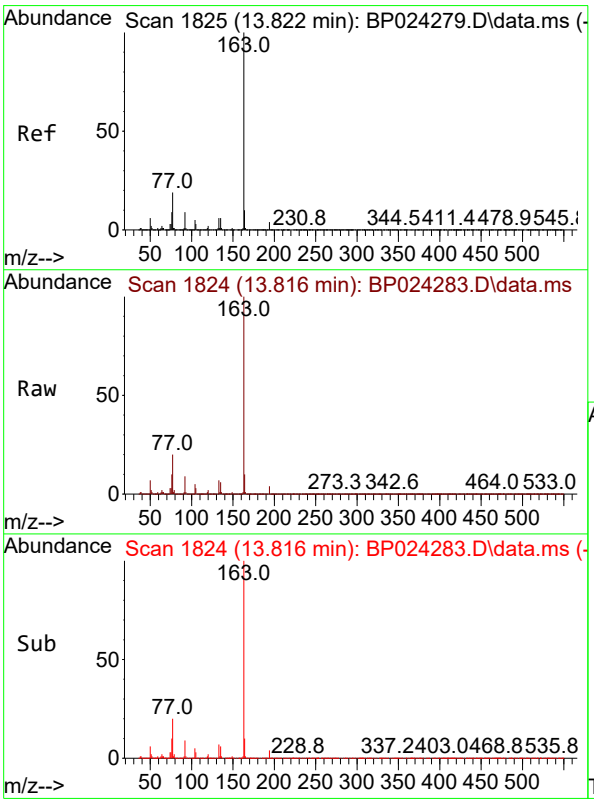
#49
Acenaphthylene
Concen: 41.783 ng
RT: 14.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:152 Resp: 2168474

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.9	10.6	15.8

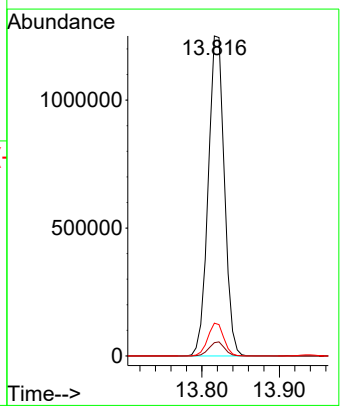


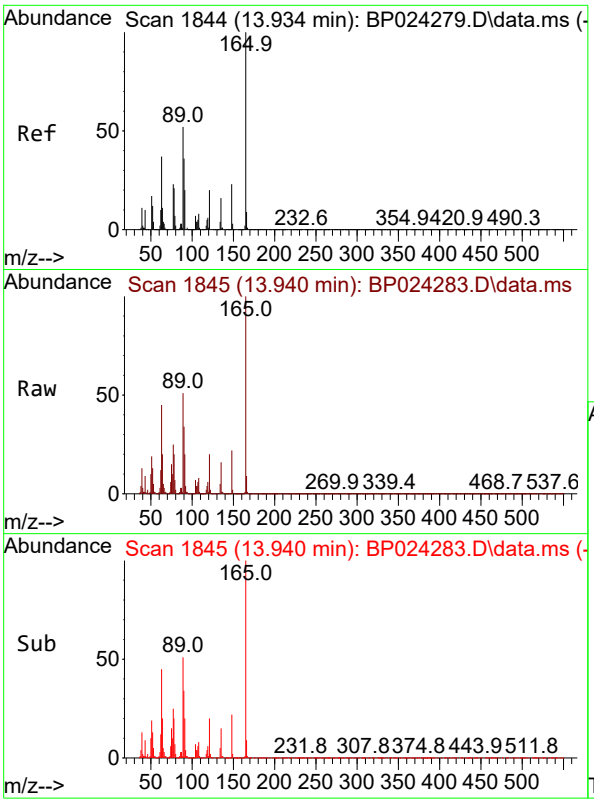


#50
Dimethylphthalate
Concen: 41.478 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:163 Resp: 1809923

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.2	8.0	12.0



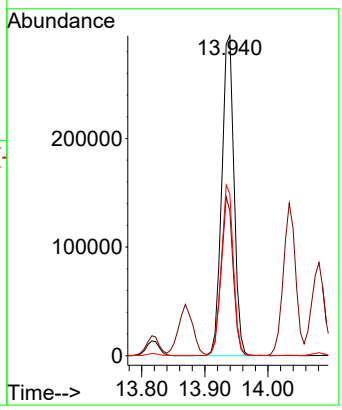


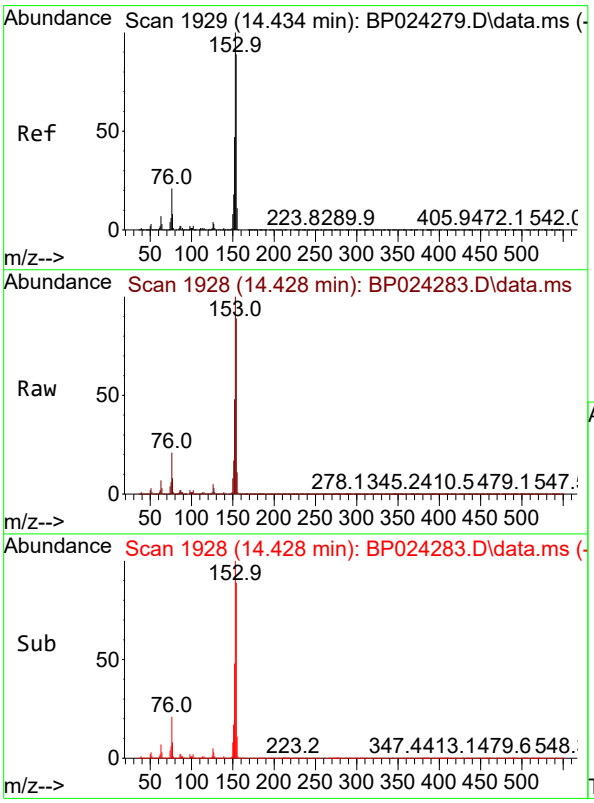
#51
2,6-Dinitrotoluene
Concen: 42.990 ng
RT: 13.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 398345

Ion	Ratio	Lower	Upper
165	100		
63	45.1	38.0	57.0
89	50.5	41.7	62.5

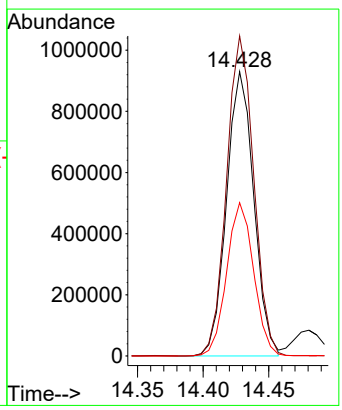


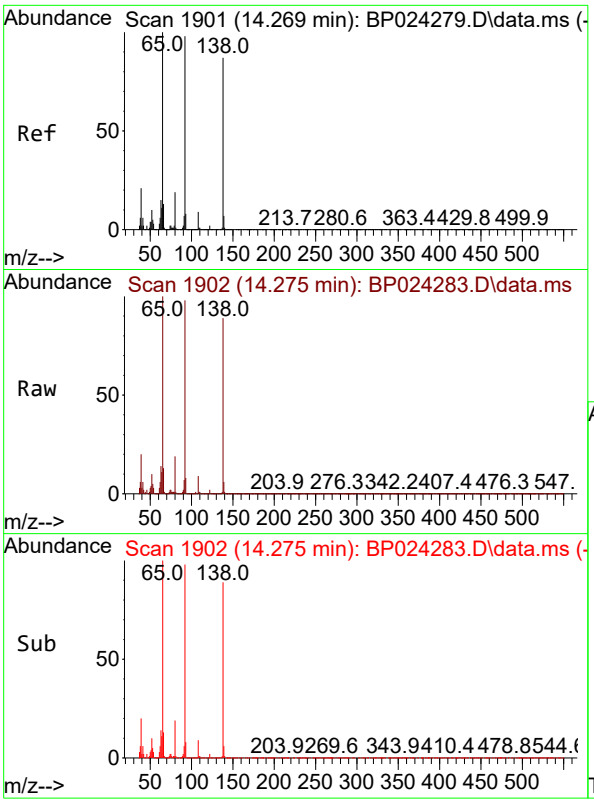


#52
Acenaphthene
Concen: 40.853 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:154 Resp: 1344151

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.6
152	53.9	42.6	63.8



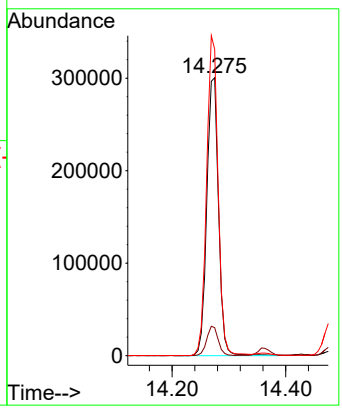


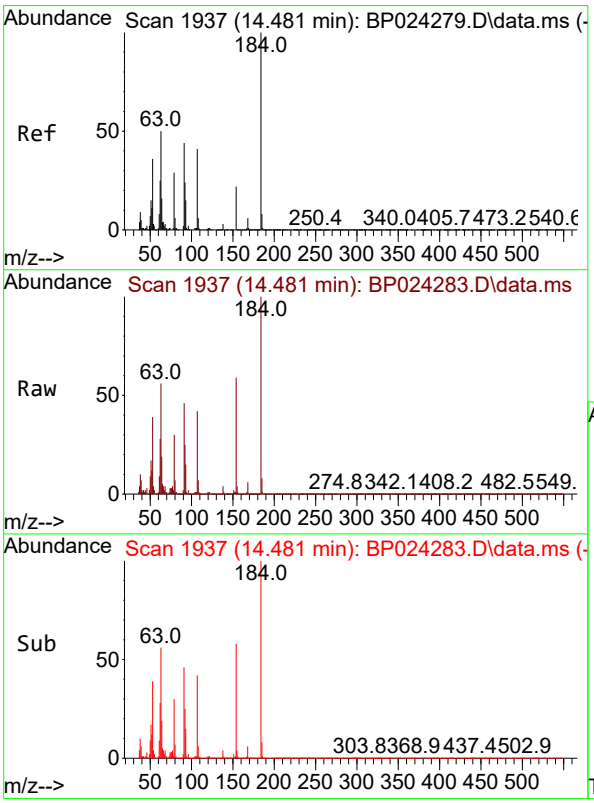
#53
3-Nitroaniline
Concen: 43.931 ng
RT: 14.275 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:138 Resp: 427828

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	110.2	89.8	134.8

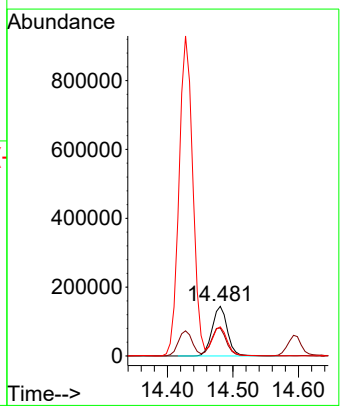


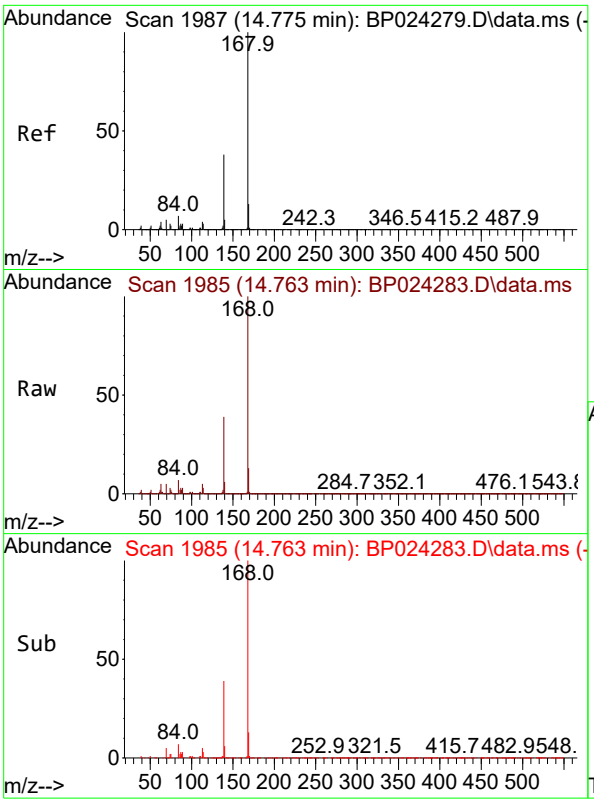


#54
2,4-Dinitrophenol
Concen: 42.485 ng
RT: 14.481 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:184 Resp: 231882

Ion	Ratio	Lower	Upper
184	100		
63	56.3	42.6	64.0
154	58.5	47.2	70.8



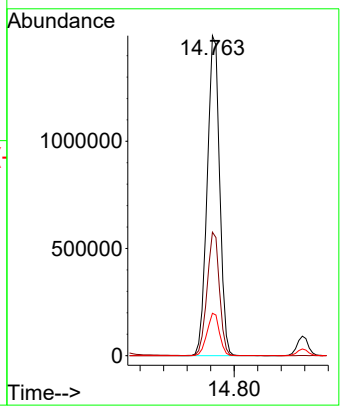


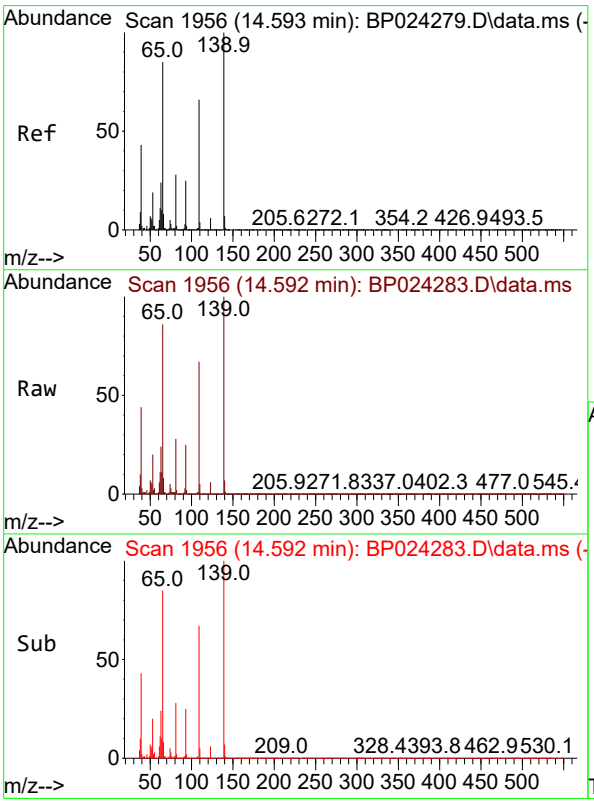
#55
Dibenzofuran
Concen: 40.679 ng
RT: 14.763 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:168 Resp: 2187786

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.3	45.5
169	13.3	10.6	16.0

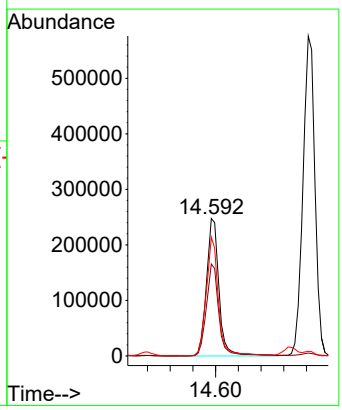


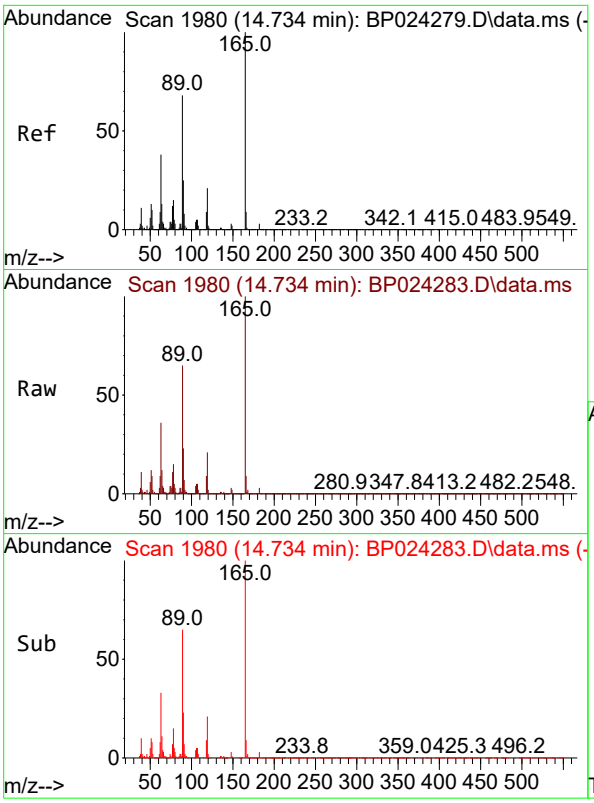


#56
4-Nitrophenol
Concen: 44.968 ng
RT: 14.592 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:139 Resp: 378214

Ion	Ratio	Lower	Upper
139	100		
109	66.9	46.1	86.1
65	86.3	65.0	105.0



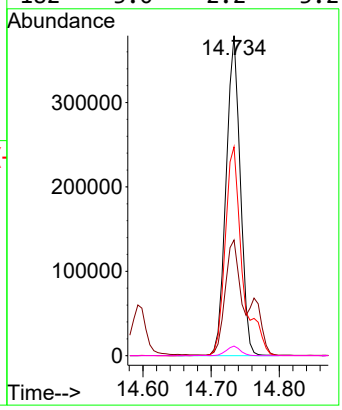


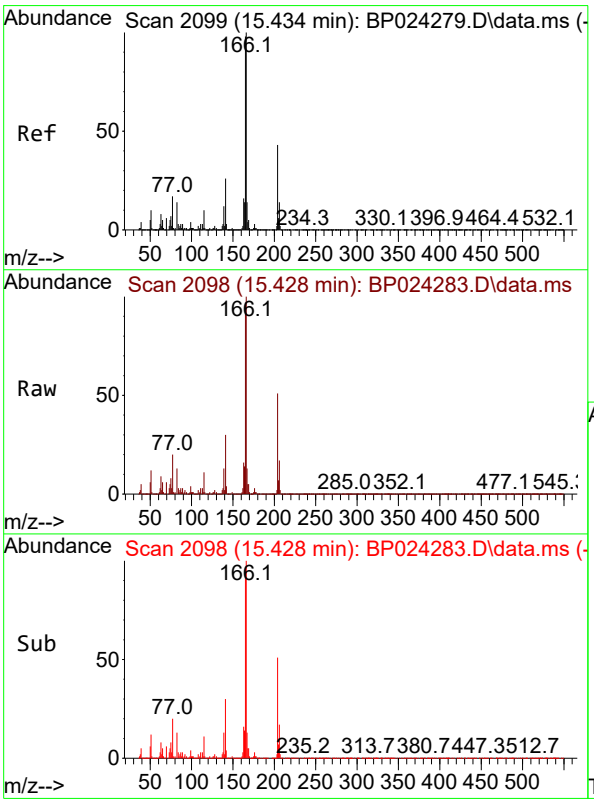
#57
2,4-Dinitrotoluene
Concen: 43.527 ng
RT: 14.734 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:165 Resp: 550175

Ion	Ratio	Lower	Upper
165	100		
63	36.1	30.4	45.6
89	65.2	54.6	82.0
182	3.0	2.2	3.2

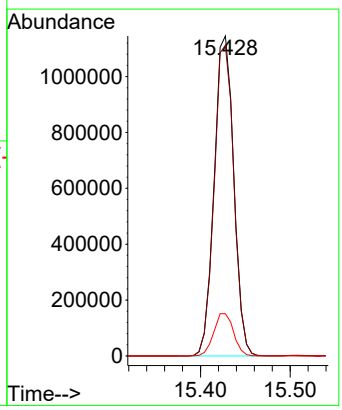


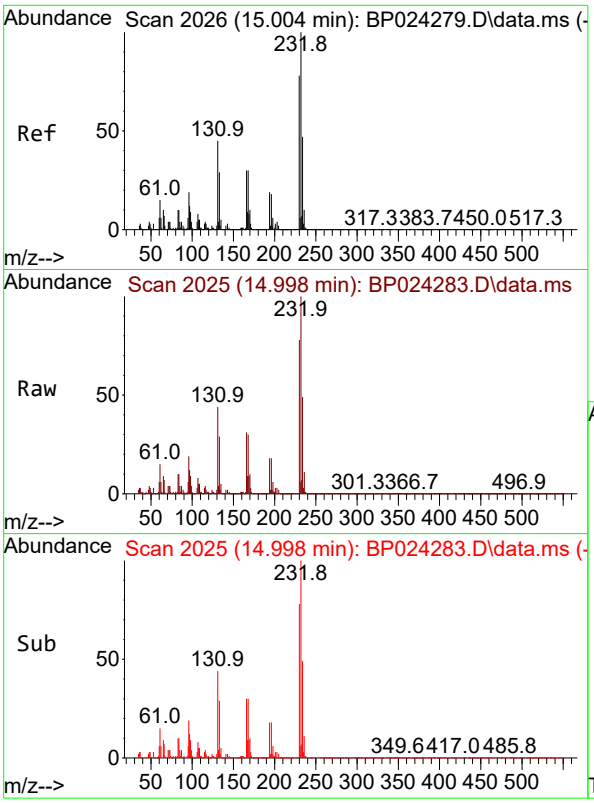


#58
Fluorene
Concen: 41.750 ng
RT: 15.428 min Scan# 2098
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:166 Resp: 1738215

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.2	10.9	16.3



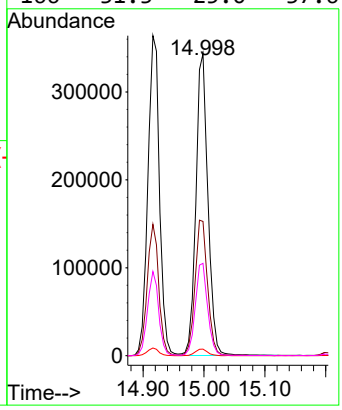


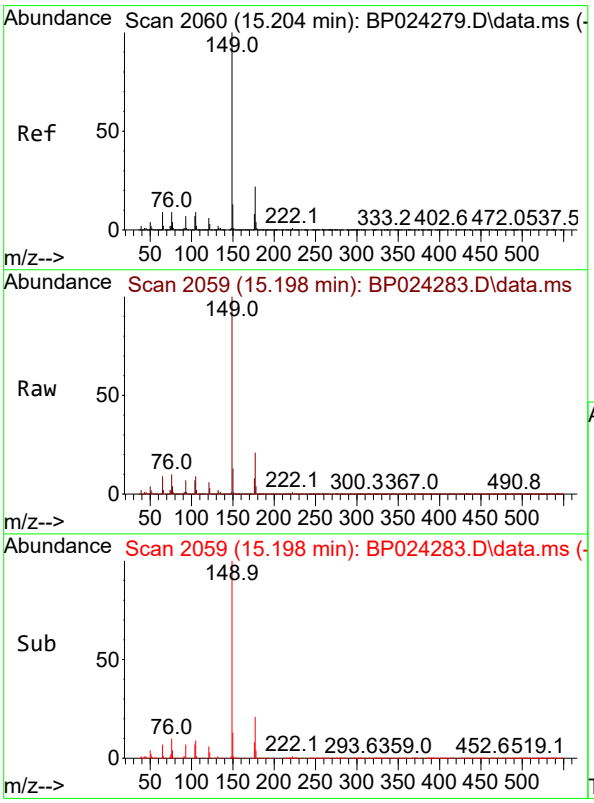
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.995 ng
RT: 14.998 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:232 Resp: 470547

Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.8	55.2
130	2.3	1.9	2.9
166	31.3	25.0	37.6

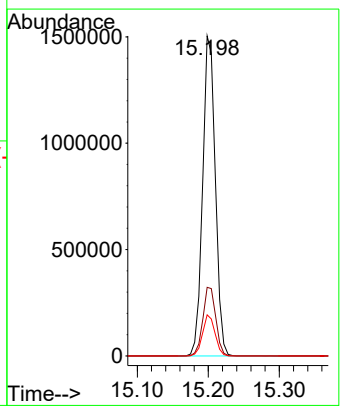


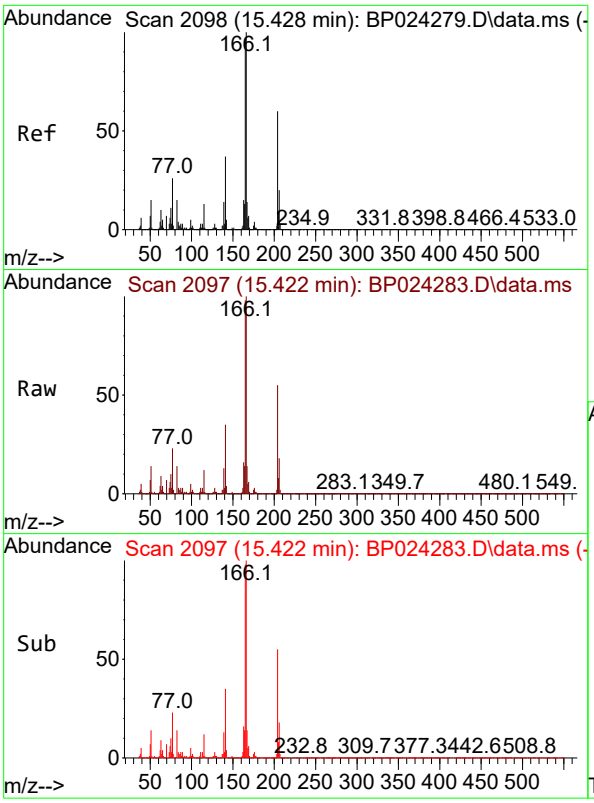


#60
Diethylphthalate
Concen: 41.570 ng
RT: 15.198 min Scan# 2059
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1869274

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	12.8	10.1	15.1



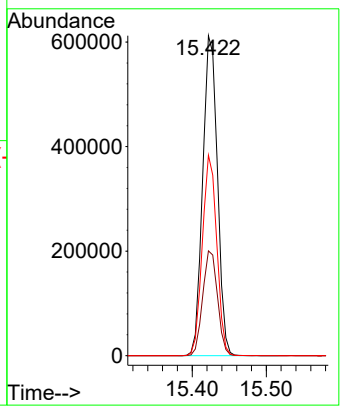


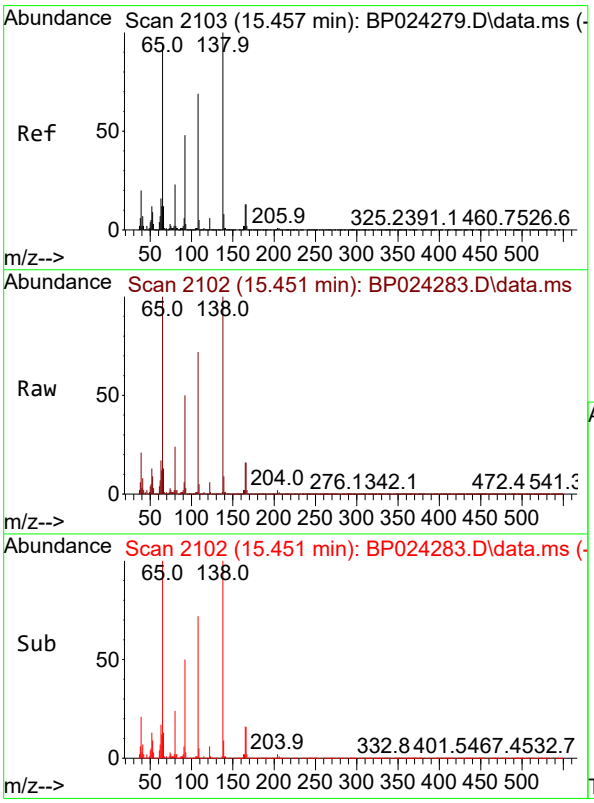
#61
4-Chlorophenyl-phenylether
Concen: 41.777 ng
RT: 15.422 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:204 Resp: 844629

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	62.6	49.4	74.0

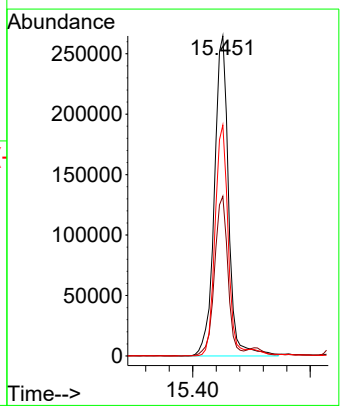


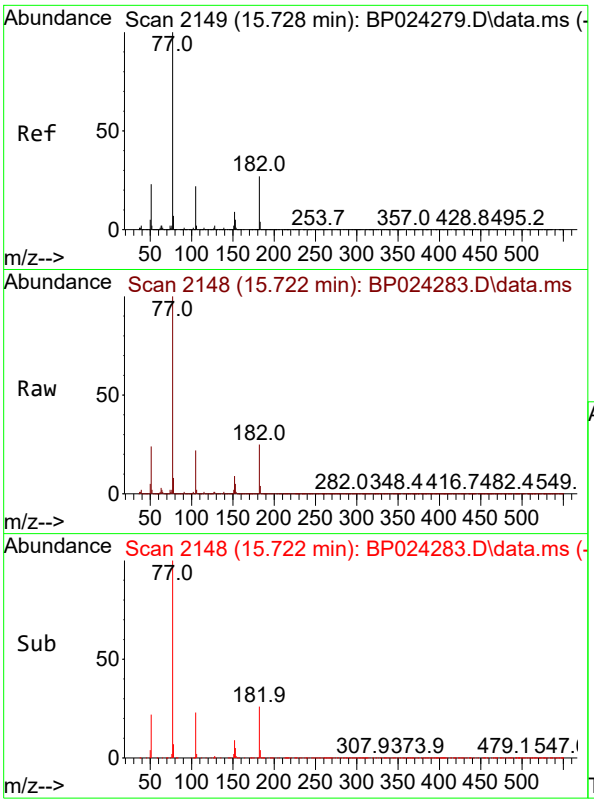


#62
4-Nitroaniline
Concen: 43.114 ng
RT: 15.451 min Scan# 2102
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:138 Resp: 444482

Ion	Ratio	Lower	Upper
138	100		
92	49.9	27.8	67.8
108	72.1	48.9	88.9



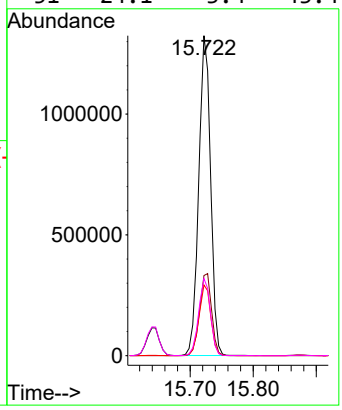


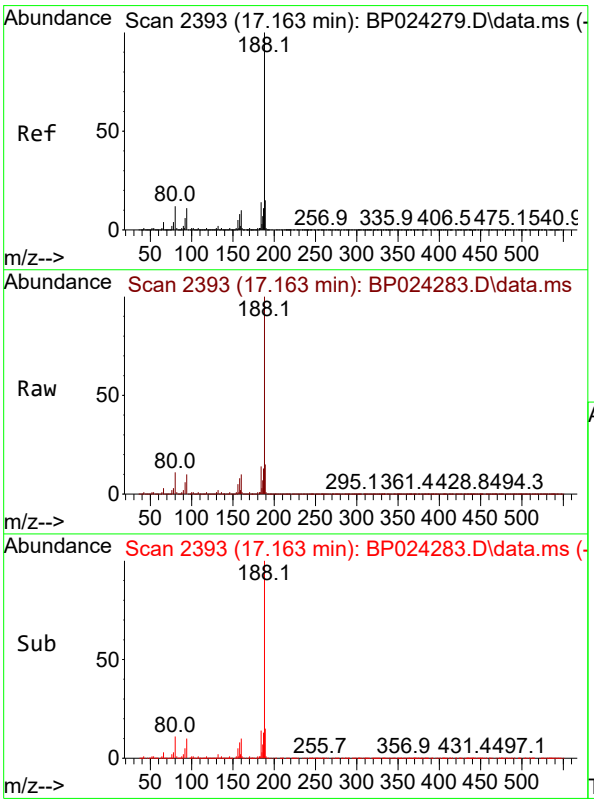
#63
Azobenzene
Concen: 41.686 ng
RT: 15.722 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion: 77 Resp: 1722900

Ion	Ratio	Lower	Upper
77	100		
182	25.1	7.3	47.3
105	22.1	2.3	42.3
51	24.1	3.4	43.4

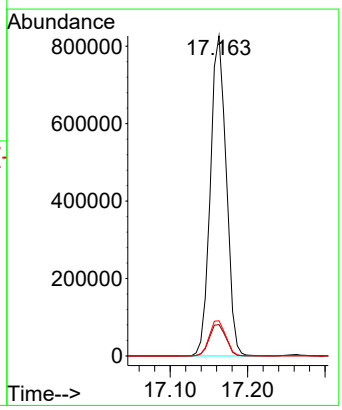


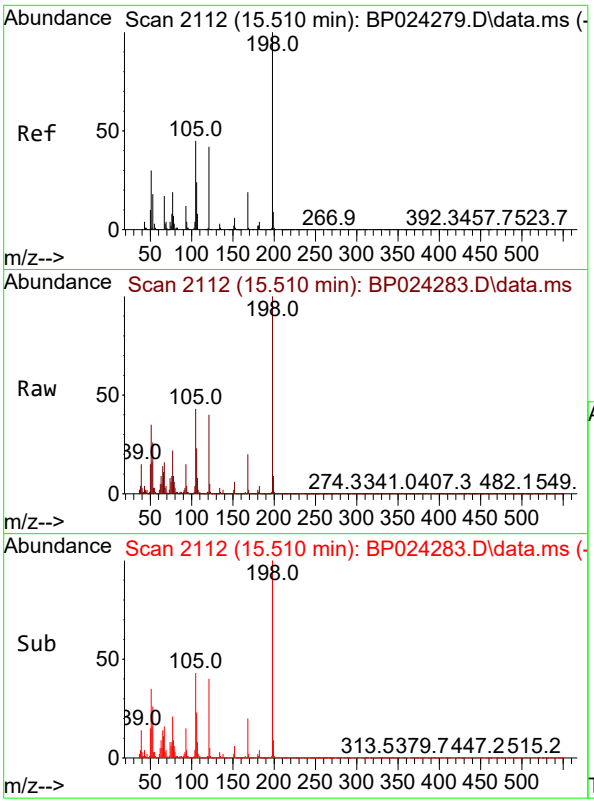


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:188 Resp: 1178916

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	13.0
80	11.0	9.8	14.6



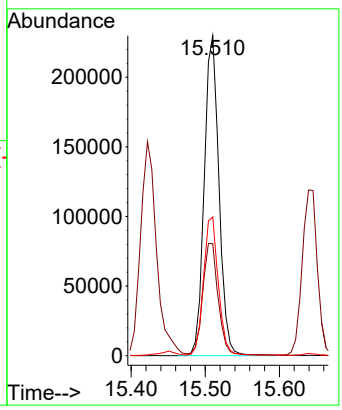


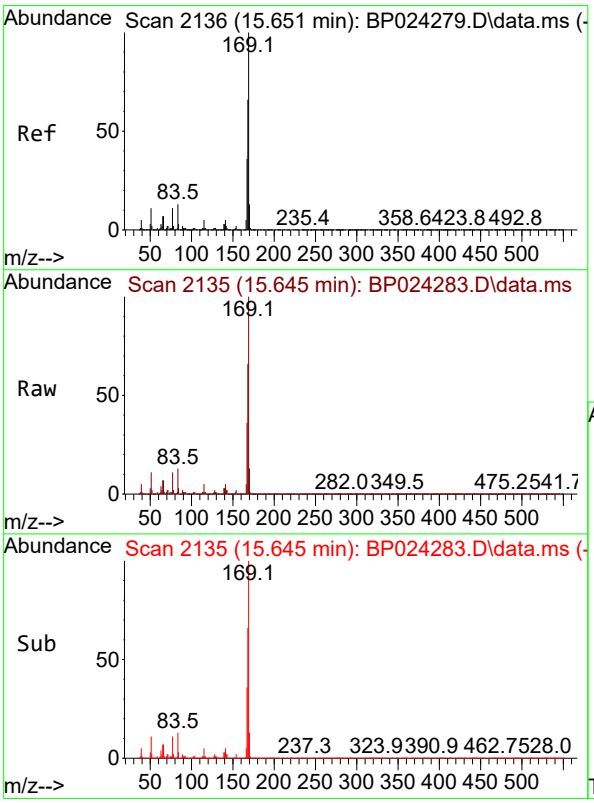
#65
4,6-Dinitro-2-methylphenol
Concen: 42.724 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:198 Resp: 317548

Ion	Ratio	Lower	Upper
198	100		
51	35.0	18.4	58.4
105	43.4	26.5	66.5

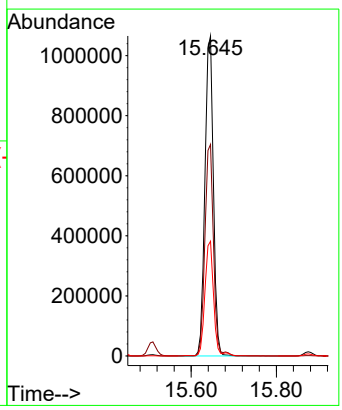


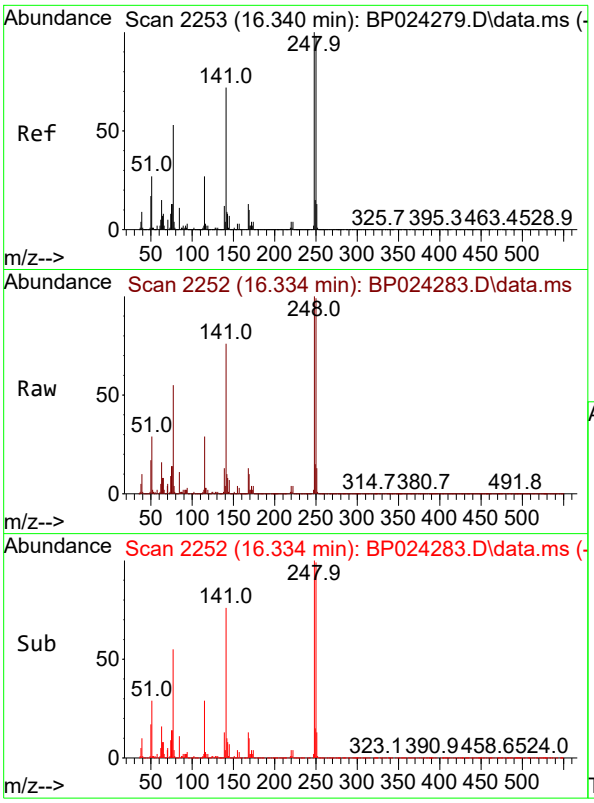


#66
n-Nitrosodiphenylamine
Concen: 41.500 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:169 Resp: 1460282

Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.0	79.4
167	35.8	28.9	43.3



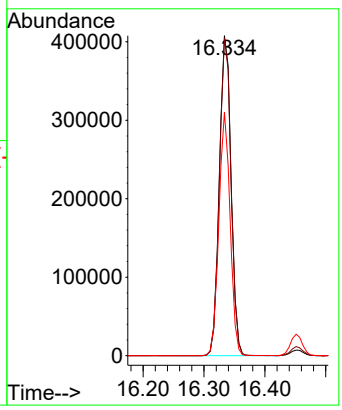


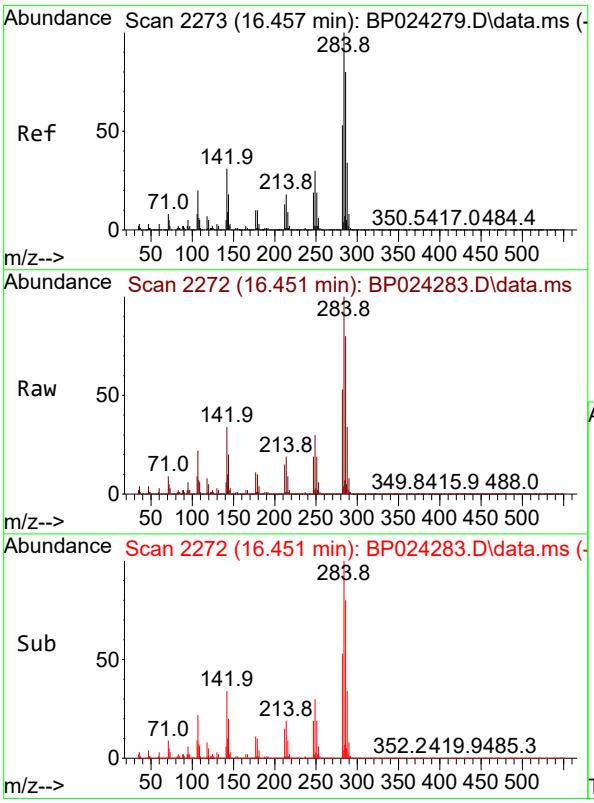
#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 16.334 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:248 Resp: 545579

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	76.1	57.7	86.5

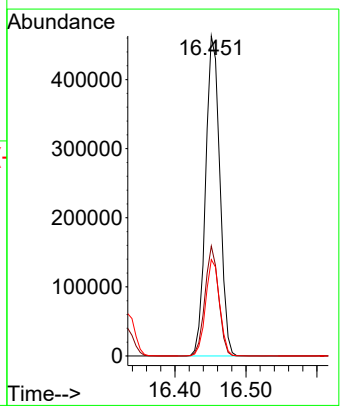


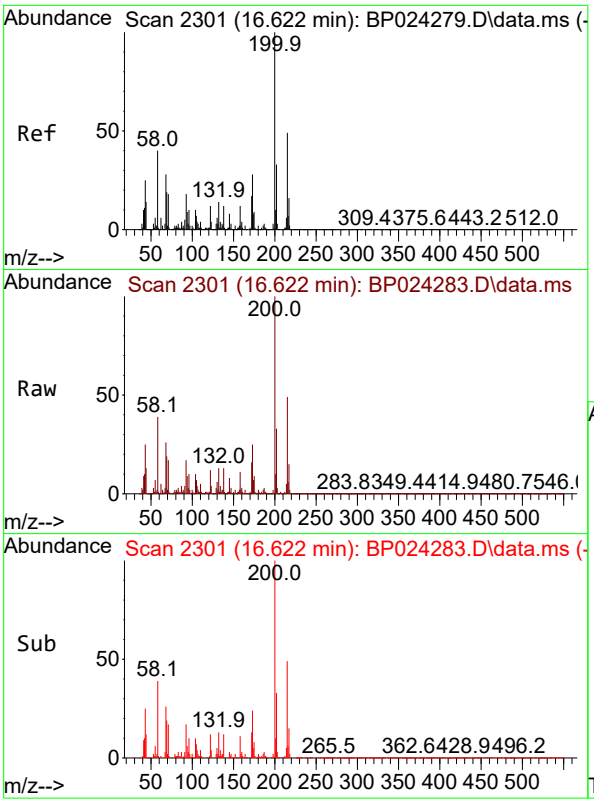


#68
Hexachlorobenzene
Concen: 41.909 ng
RT: 16.451 min Scan# 2272
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:284 Resp: 642095

Ion	Ratio	Lower	Upper
284	100		
142	34.3	24.6	37.0
249	30.1	23.8	35.6



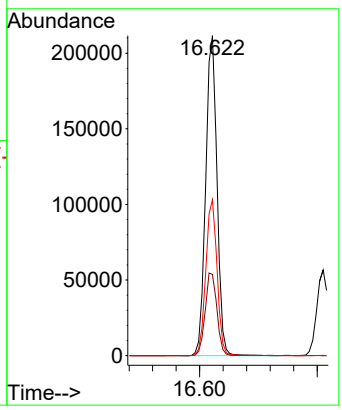


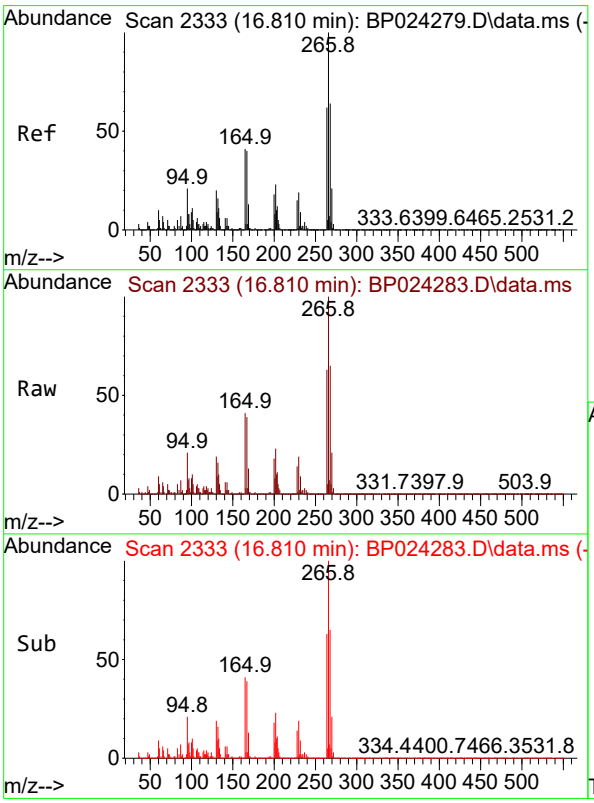
#69
Atrazine
Concen: 31.567 ng
RT: 16.622 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:200 Resp: 282908

Ion	Ratio	Lower	Upper
200	100		
173	25.4	7.5	47.5
215	48.7	28.8	68.8

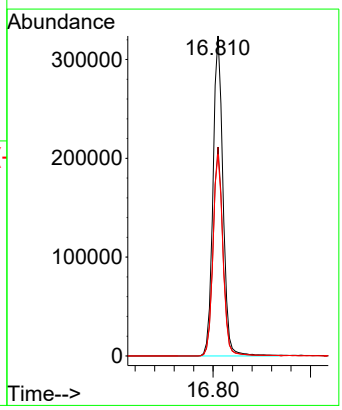


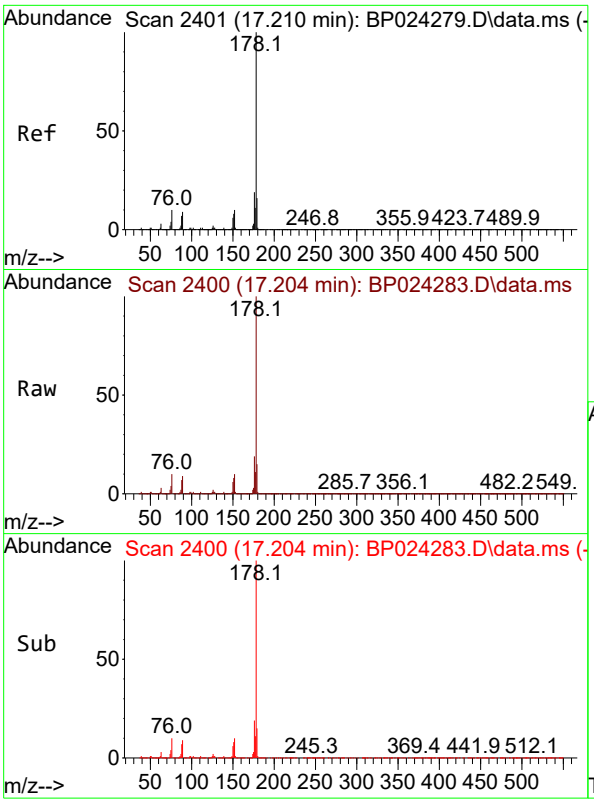


#70
Pentachlorophenol
Concen: 42.900 ng
RT: 16.810 min Scan# 2333
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:266 Resp: 458529

Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.0	76.6
264	63.0	49.8	74.6



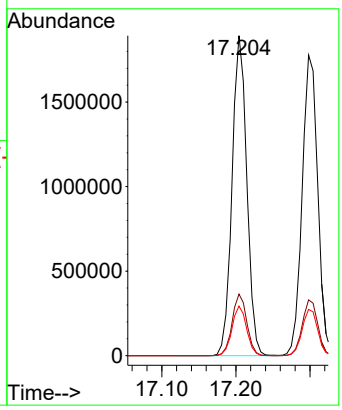


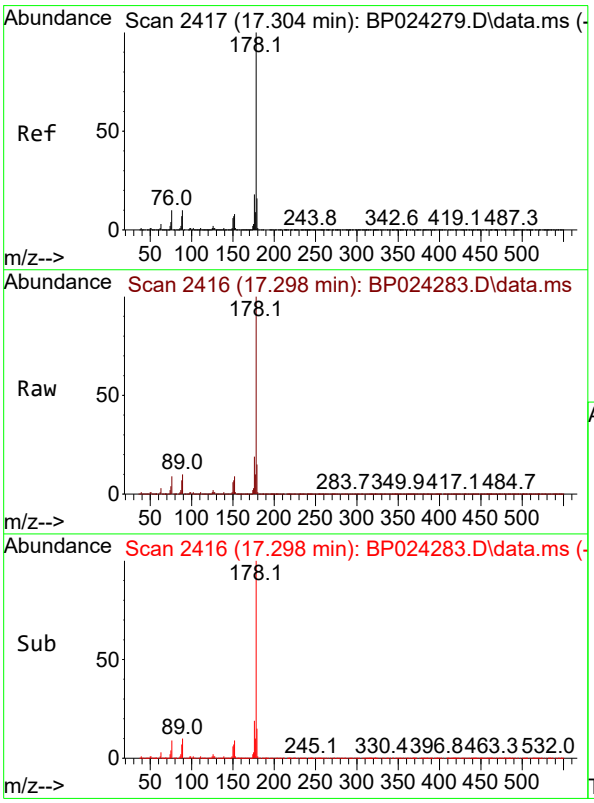
#71
Phenanthrene
Concen: 40.615 ng
RT: 17.204 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:178 Resp: 2612052

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.5	18.7

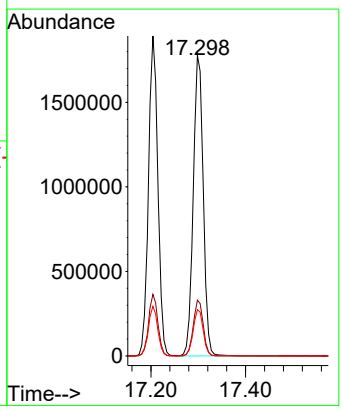


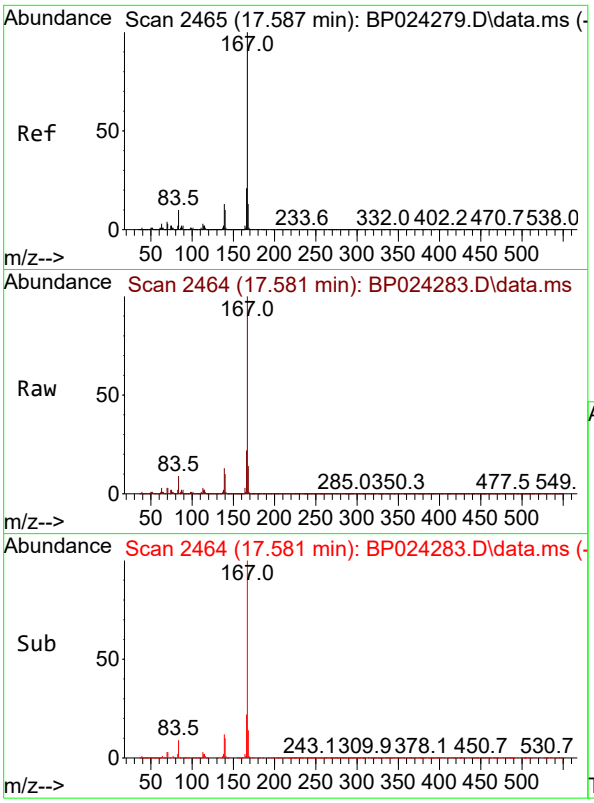


#72
Anthracene
Concen: 42.051 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:178 Resp: 2606508

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.7	22.1
179	15.4	12.4	18.6



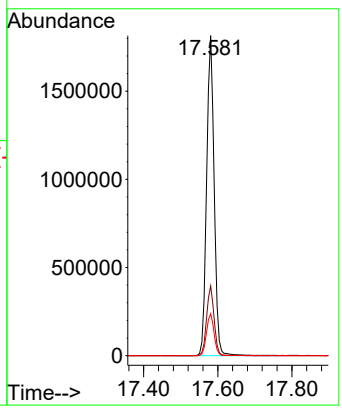


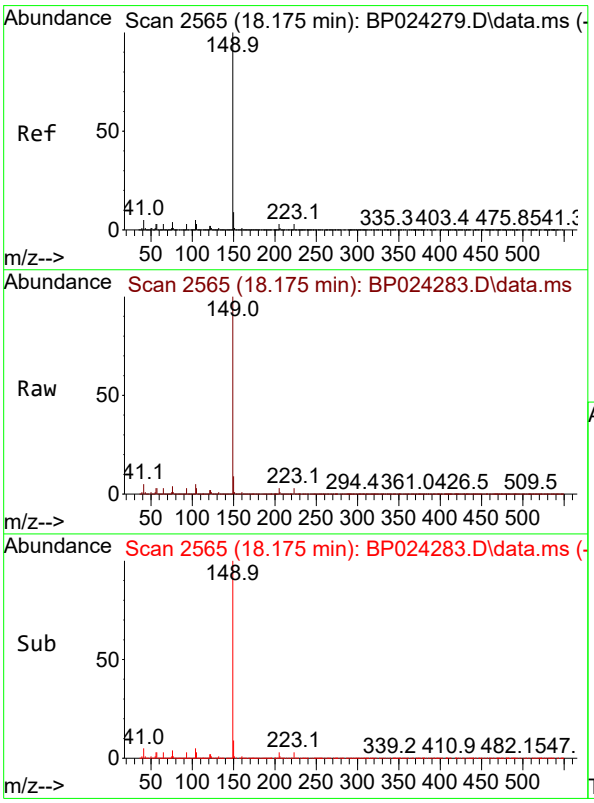
#73
Carbazole
Concen: 42.351 ng
RT: 17.581 min Scan# 24
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:167 Resp: 2564955

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	13.1	10.6	16.0

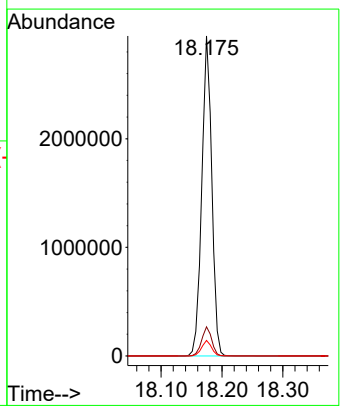


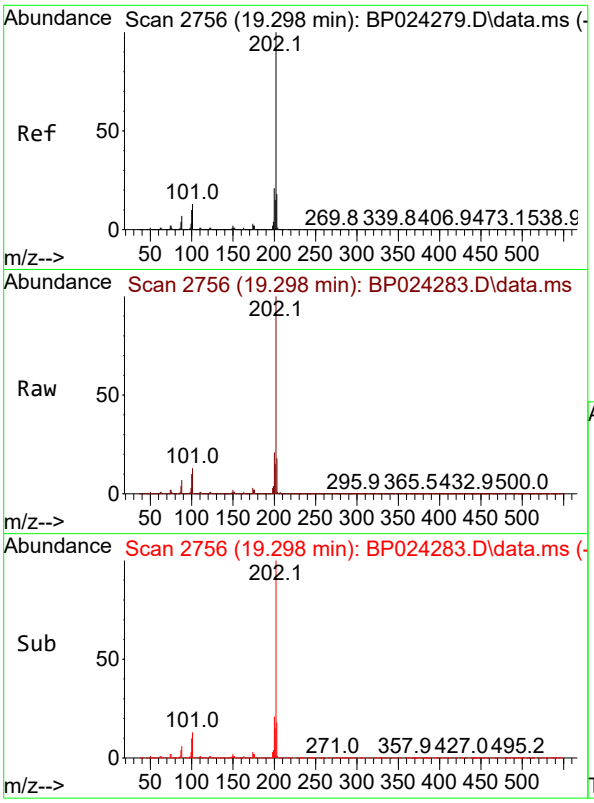


#74
Di-n-butylphthalate
Concen: 44.539 ng
RT: 18.175 min Scan# 2565
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 3360635

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.9	3.9	5.9



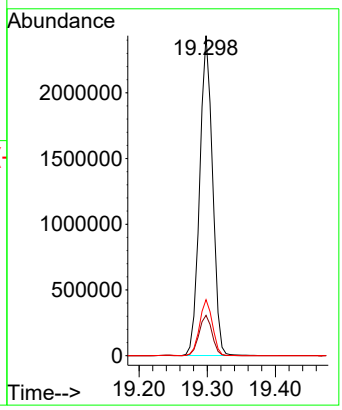


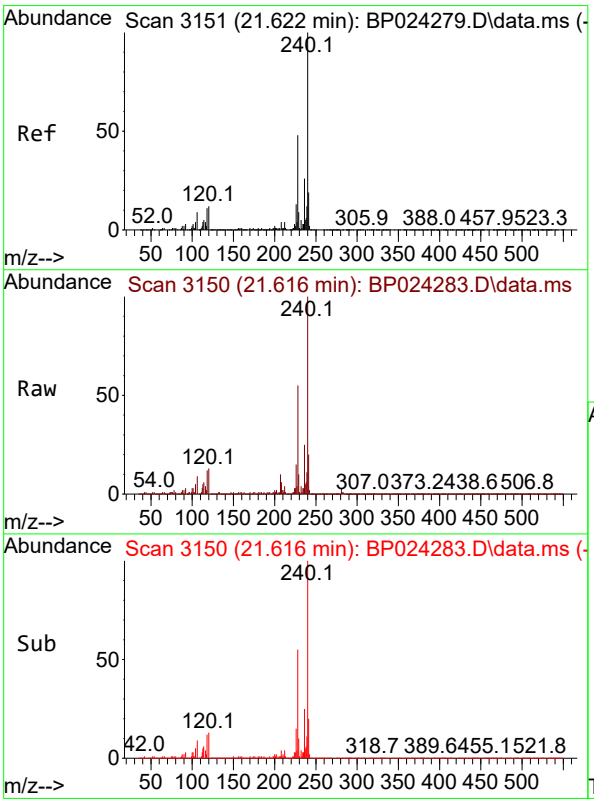
#75
Fluoranthene
Concen: 41.771 ng
RT: 19.298 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:202 Resp: 3195045

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	37.7

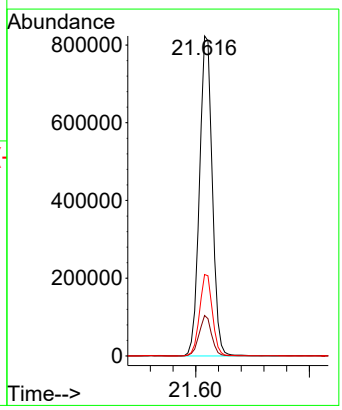


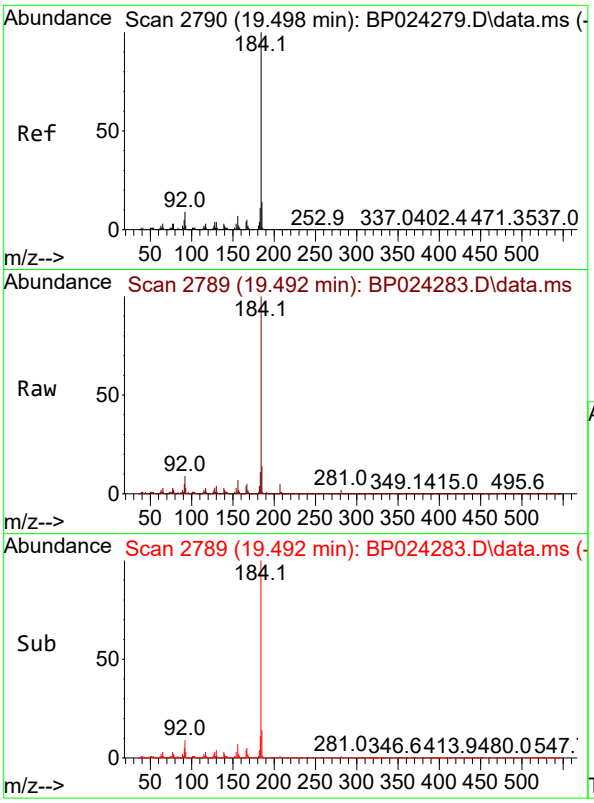


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:240 Resp: 1288125

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.8	14.8
236	25.5	20.9	31.3



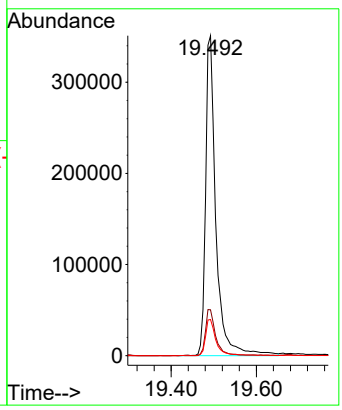


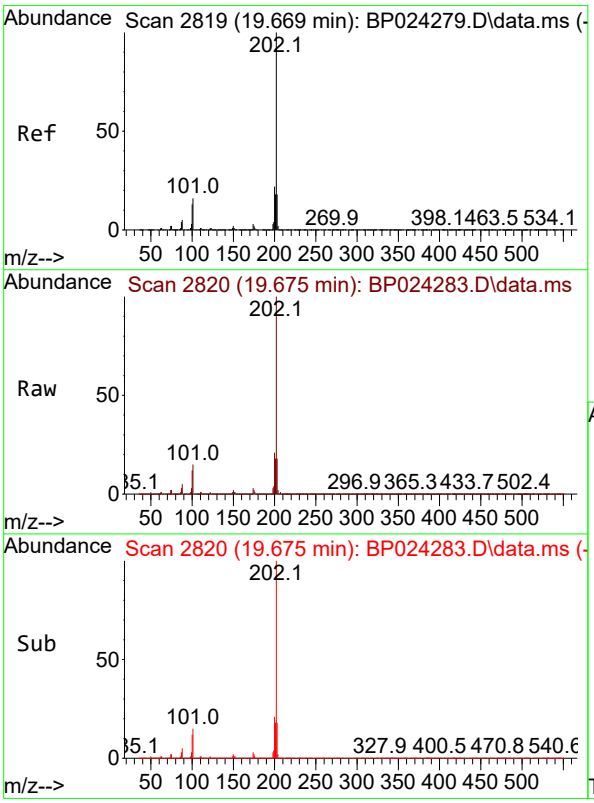
#77
Benzidine
Concen: 36.041 ng
RT: 19.492 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:184 Resp: 588487

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	11.3	9.2	13.8

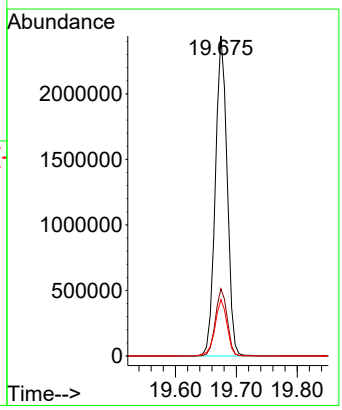


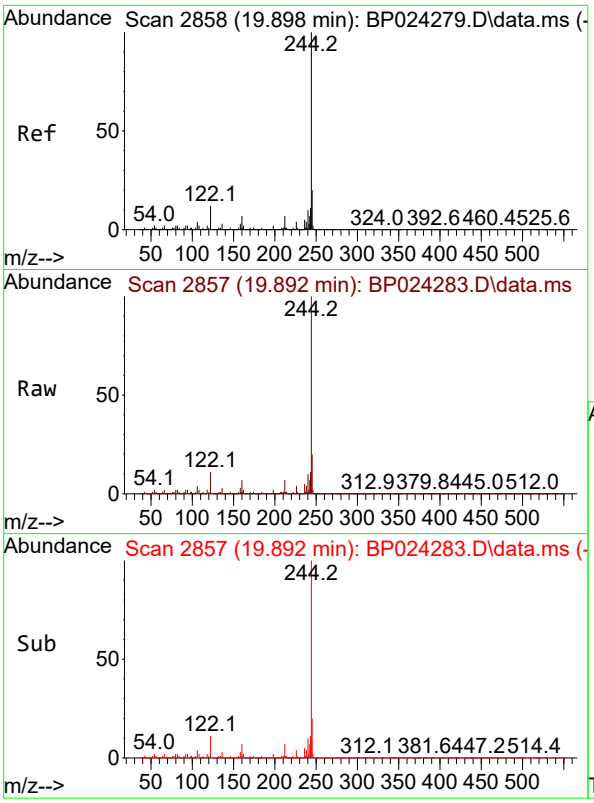


#78
Pyrene
Concen: 40.022 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:202 Resp: 3276290

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.6	14.4	21.6



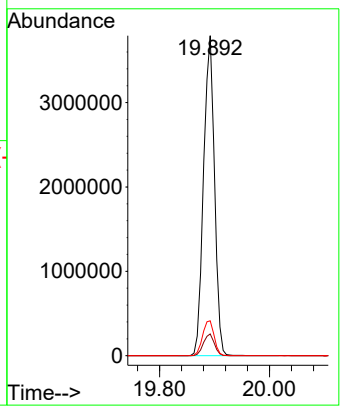


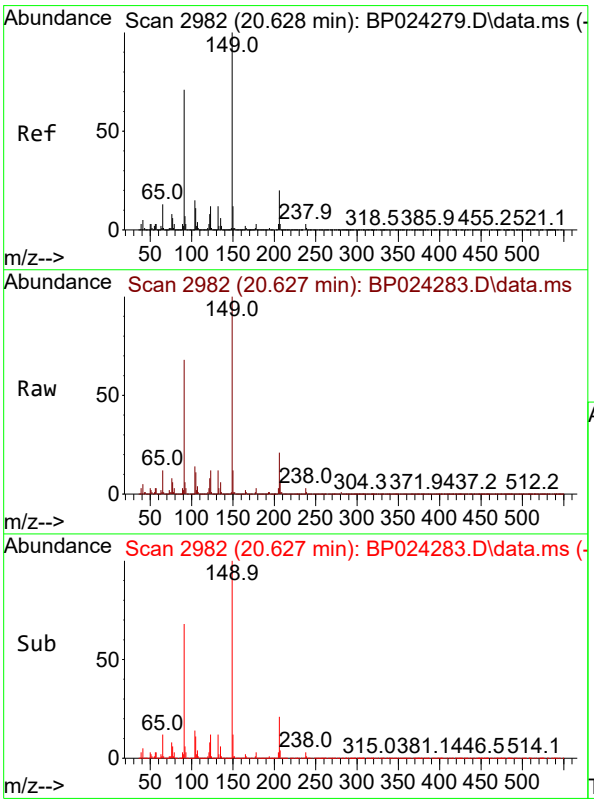
#79
Terphenyl-d14
Concen: 81.649 ng
RT: 19.892 min Scan# 2
Delta R.T. -0.029 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:244 Resp: 5217888

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.9	9.4	14.0

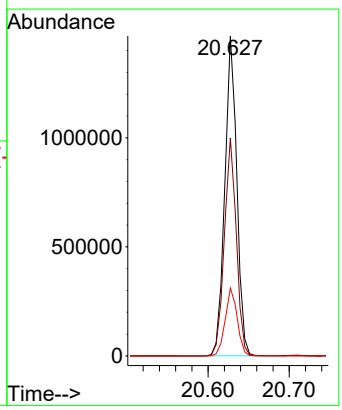


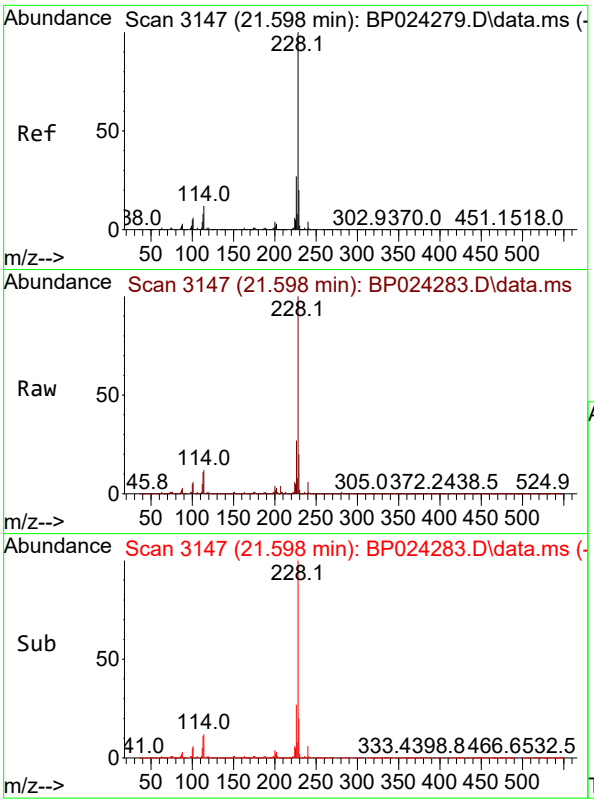


#80
Butylbenzylphthalate
Concen: 43.107 ng
RT: 20.627 min Scan# 2982
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 1511473

Ion	Ratio	Lower	Upper
149	100		
91	68.1	56.4	84.6
206	21.2	16.3	24.5



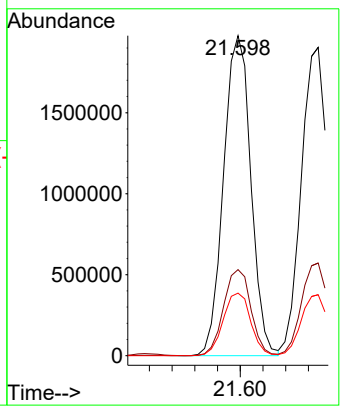


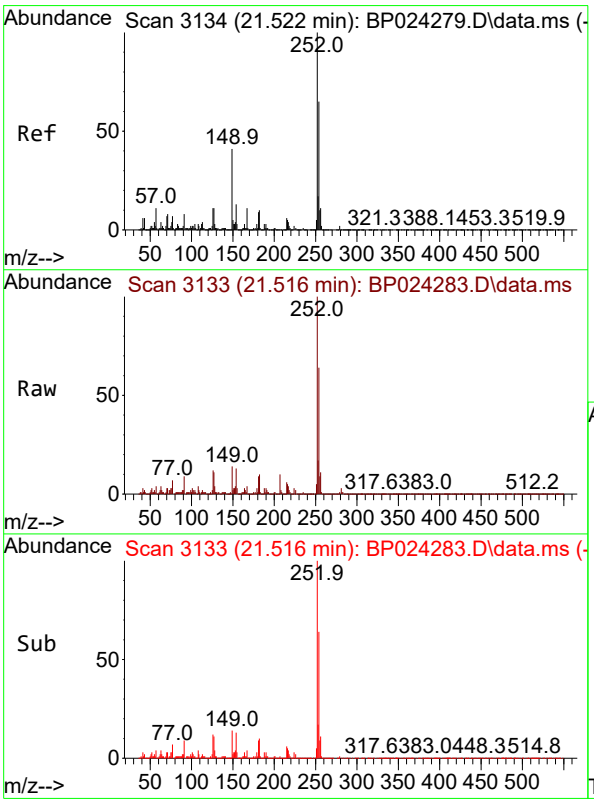
#81
Benzo(a)anthracene
Concen: 41.207 ng
RT: 21.598 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3299250

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.6	15.9	23.9

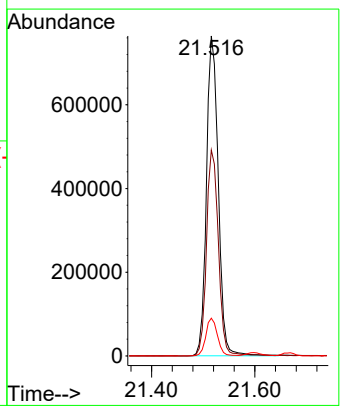


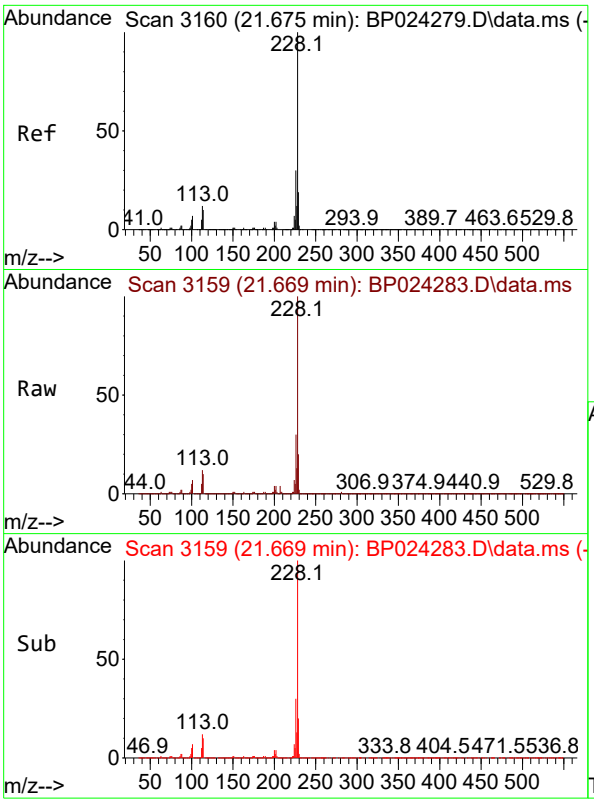


#82
3,3'-Dichlorobenzidine
Concen: 43.139 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.023 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 1212290

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	11.8	8.8	13.2



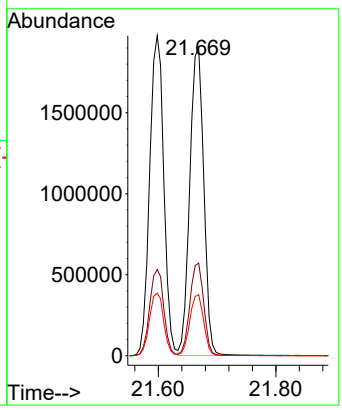


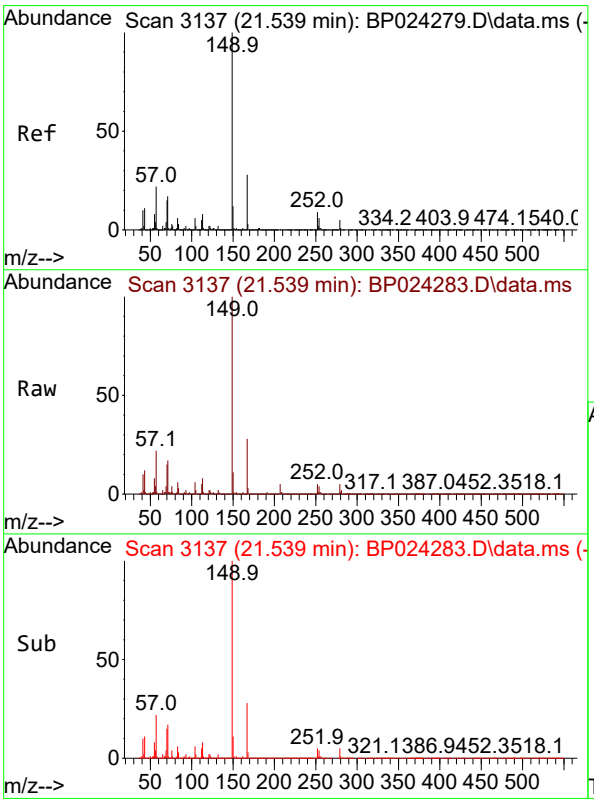
#83
Chrysene
Concen: 40.888 ng
RT: 21.669 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:228 Resp: 3136332

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.6	23.4

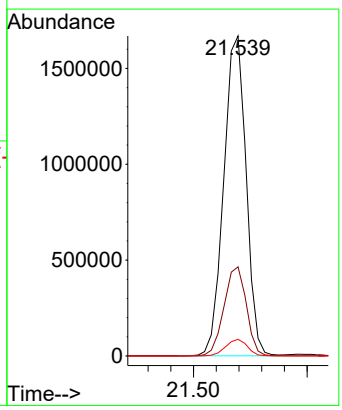


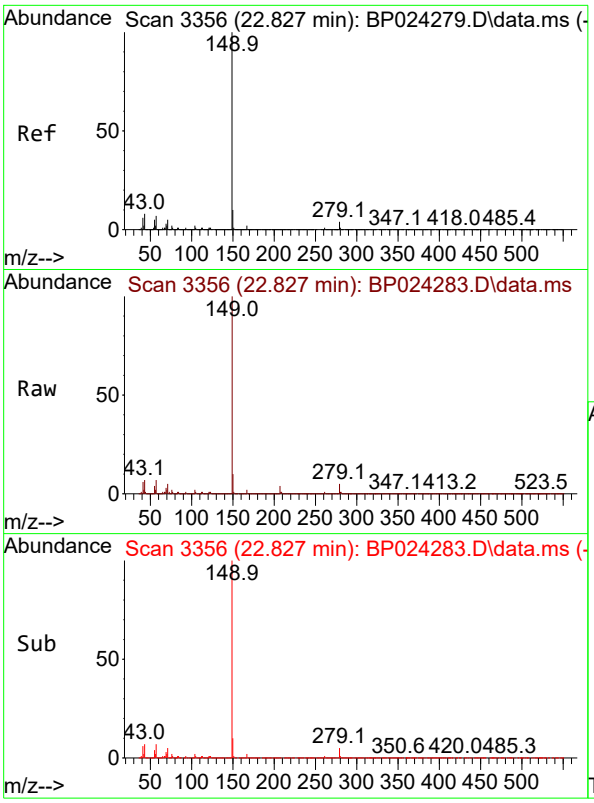


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.400 ng
RT: 21.539 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:149 Resp: 2282222

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.2	4.0	6.0



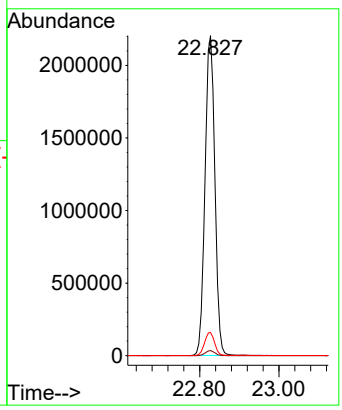


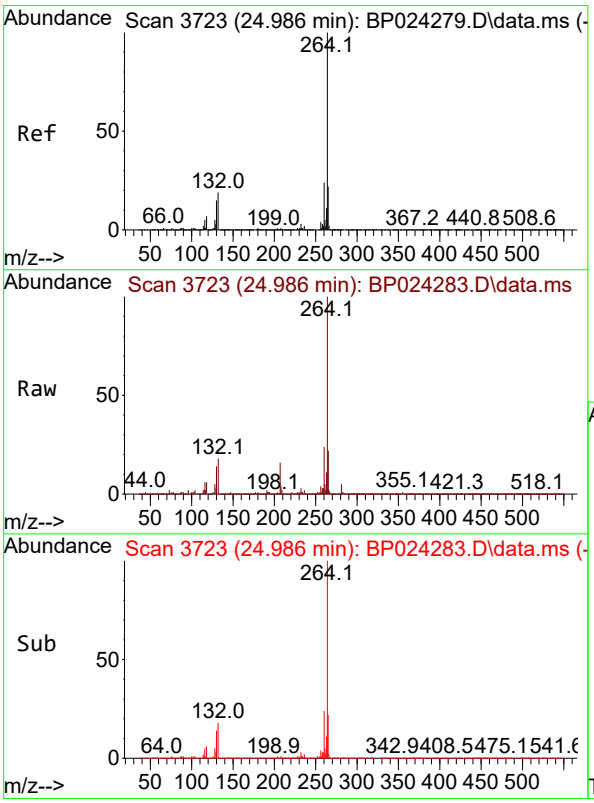
#85
Di-n-octyl phthalate
Concen: 45.513 ng
RT: 22.827 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:149 Resp: 3803266

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	6.0	9.0

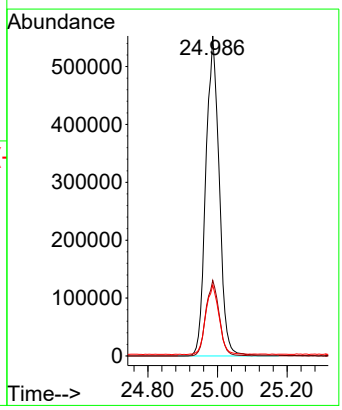


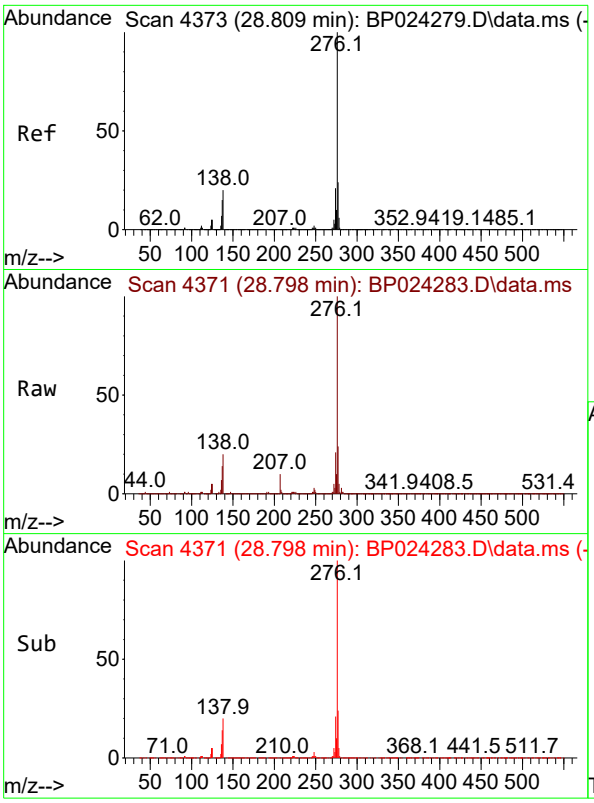


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.986 min Scan# 3723
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:264 Resp: 1476872

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.1	17.8	26.6



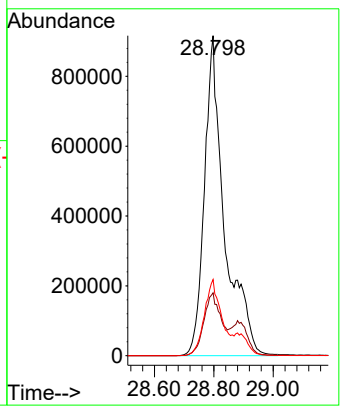


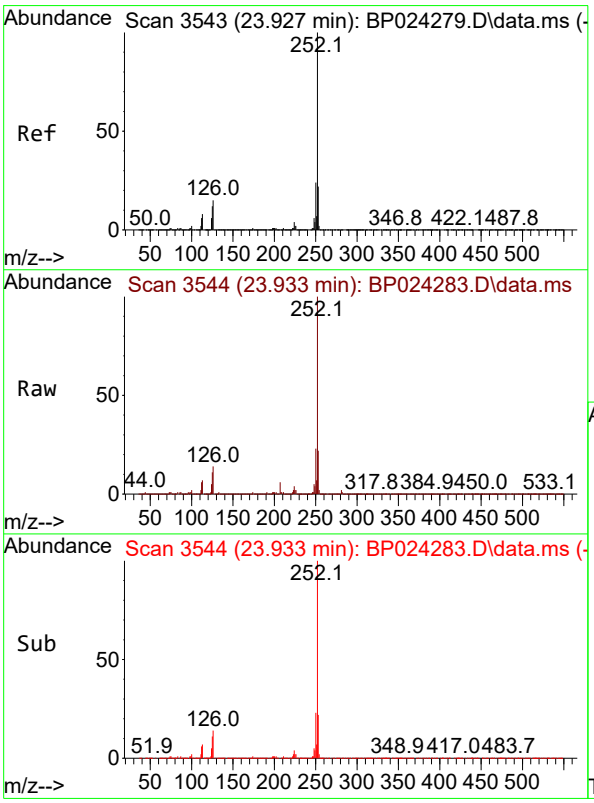
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.071 ng m
RT: 28.798 min Scan# 4
Delta R.T. -0.018 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:276 Resp: 4313548

Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.5	21.7
277	20.9	20.2	30.2

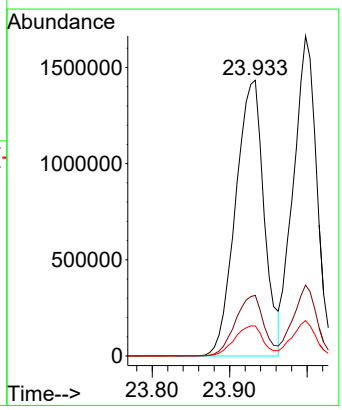


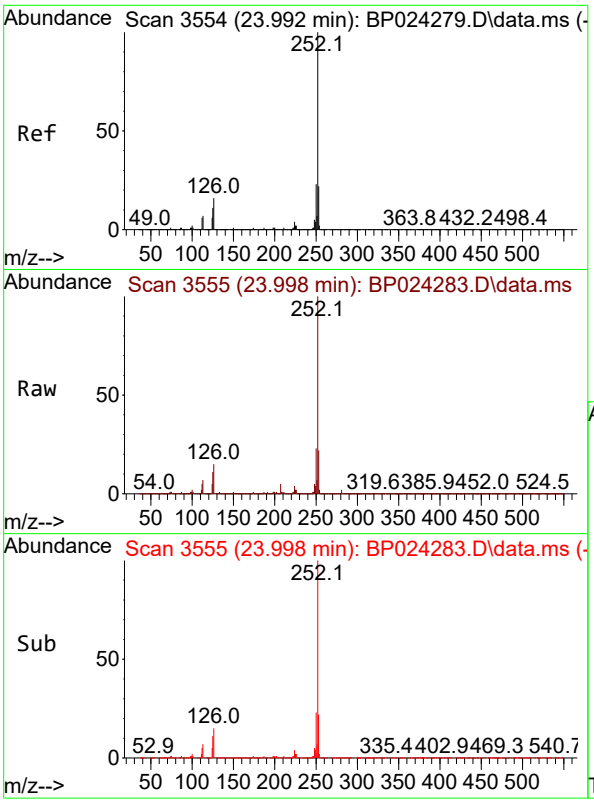


#88
Benzo(b)fluoranthene
Concen: 41.288 ng
RT: 23.933 min Scan# 3544
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3654984

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.8	9.4	14.0



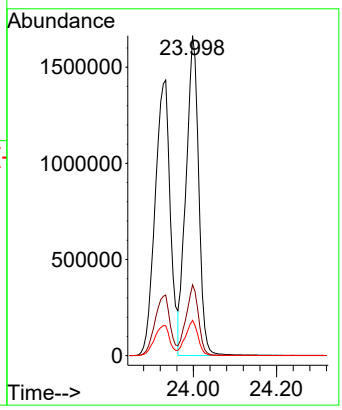


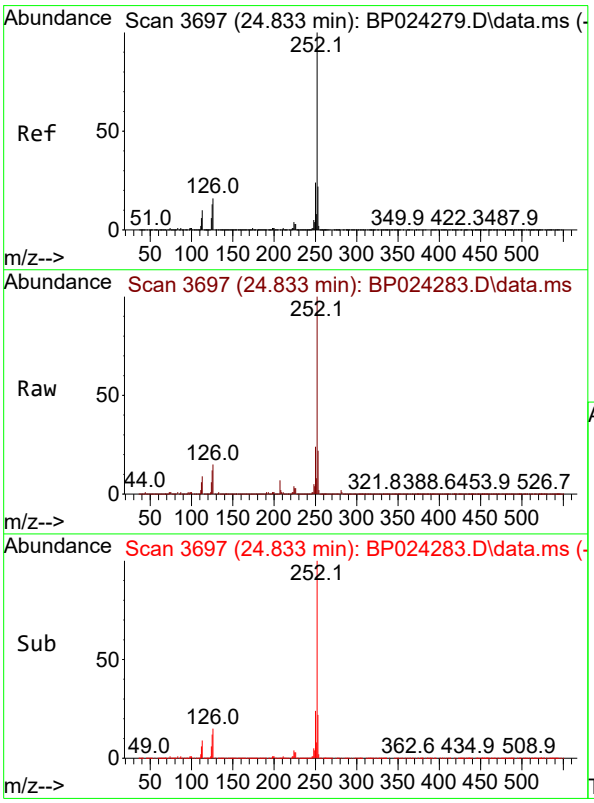
#89
Benzo(k)fluoranthene
Concen: 41.081 ng
RT: 23.998 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:252 Resp: 3512834

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	9.1	13.7

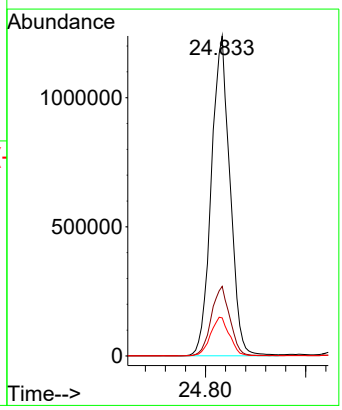


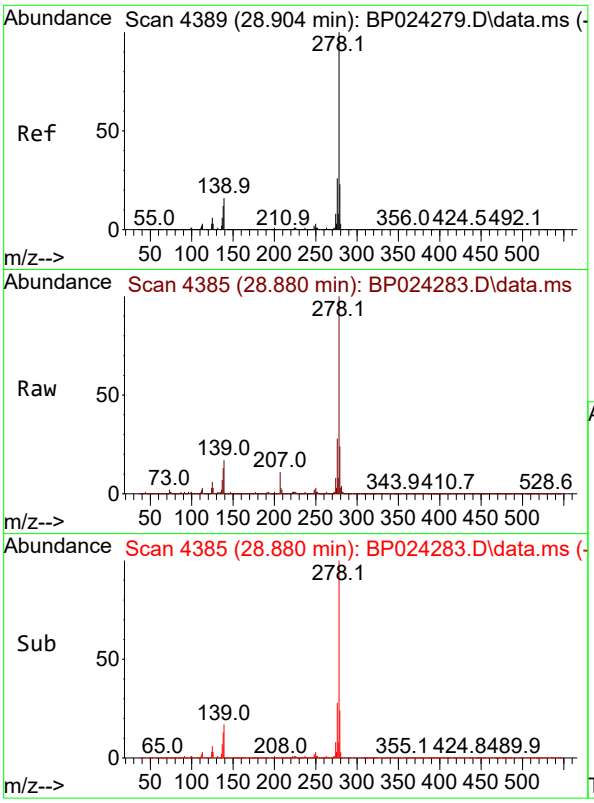


#90
Benzo(a)pyrene
Concen: 41.855 ng
RT: 24.833 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:252 Resp: 3196130

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	11.9	10.1	15.1



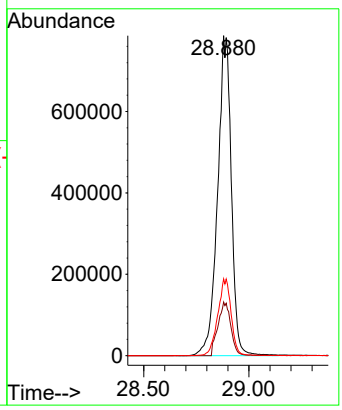


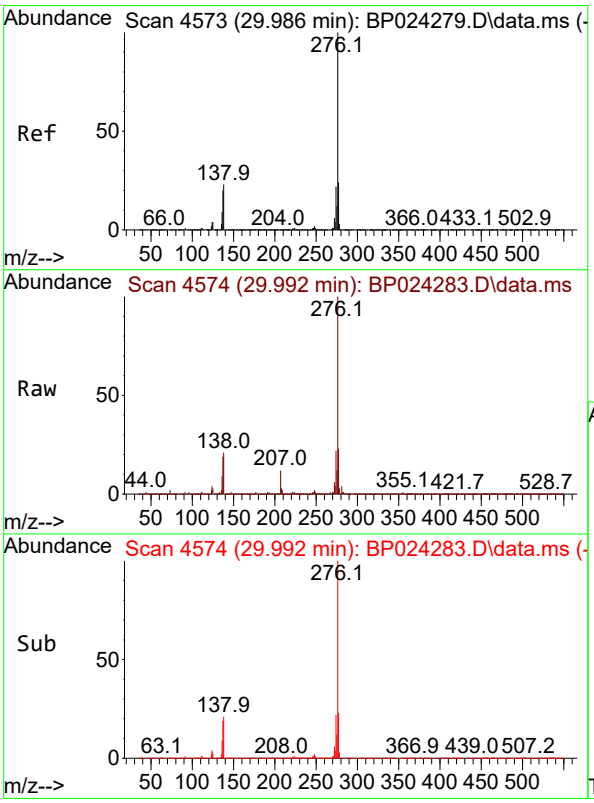
#91
Dibenzo(a,h)anthracene
Concen: 41.902 ng
RT: 28.880 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Tgt Ion:278 Resp: 3566000

Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.0	18.5	27.7

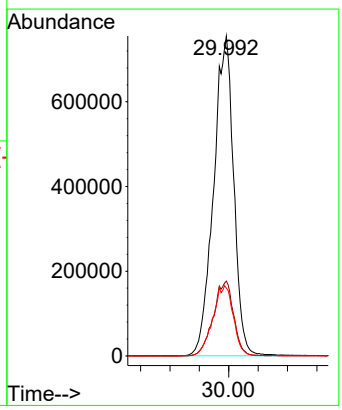




#92
Benzo(g,h,i)perylene
Concen: 41.455 ng
RT: 29.992 min Scan# 4574
Delta R.T. -0.006 min
Lab File: BP024283.D
Acq: 14 Apr 2025 18:35

Tgt Ion:276 Resp: 3590938

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	21.2	18.7	28.1



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
2		1,4-Dioxane	0.512	0.517	-1.0	95	0.00
3		Pyridine	1.351	1.349	0.1	91	0.00
4		n-Nitrosodimethylamine	0.448	0.451	-0.7	93	0.00
5	S	2-Fluorophenol	1.210	1.229	-1.6	92	0.00
6		Aniline	1.480	1.531	-3.4	91	0.00
7	S	Phenol-d6	1.656	1.678	-1.3	91	0.00
8		2-Chlorophenol	1.350	1.362	-0.9	92	0.00
9		Benzaldehyde	0.819	0.861	-5.1	97	0.00
10	C	Phenol	1.661	1.674	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	1.339	1.335	0.3	90	0.00
12		1,3-Dichlorobenzene	1.454	1.465	-0.8	93	0.00
13	C	1,4-Dichlorobenzene	1.475	1.494	-1.3	94	0.00
14		1,2-Dichlorobenzene	1.424	1.421	0.2	93	0.00
15		Benzyl Alcohol	1.071	1.115	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	1.447	1.453	-0.4	90	0.00
17		2-Methylphenol	1.075	1.103	-2.6	91	0.00
18		Hexachloroethane	0.533	0.540	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	1.025	1.037	-1.2	90	0.00
20		3+4-Methylphenols	1.491	1.522	-2.1	90	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	91	0.00
22		Acetophenone	0.495	0.515	-4.0	91	0.00
23	S	Nitrobenzene-d5	0.351	0.366	-4.3	91	0.00
24		Nitrobenzene	0.347	0.360	-3.7	90	0.00
25		Isophorone	0.635	0.661	-4.1	90	0.00
26	C	2-Nitrophenol	0.170	0.184	-8.2	92	0.00
27		2,4-Dimethylphenol	0.213	0.222	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	0.429	0.444	-3.5	90	0.00
29	C	2,4-Dichlorophenol	0.291	0.309	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	0.311	0.324	-4.2	92	0.00
31		Naphthalene	1.054	1.090	-3.4	92	0.00
32		Benzoic acid	0.248	0.254	-2.4	96	-0.04
33		4-Chloroaniline	0.371	0.398	-7.3	92	0.00
34	C	Hexachlorobutadiene	0.183	0.192	-4.9	93	0.00
35		Caprolactam	0.107	0.113	-5.6	92	-0.02
36	C	4-Chloro-3-methylphenol	0.339	0.353	-4.1	90	0.00
37		2-Methylnaphthalene	0.731	0.756	-3.4	92	0.00
38		1-Methylnaphthalene	0.715	0.736	-2.9	92	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	0.550	0.581	-5.6	92	0.00
41	P	Hexachlorocyclopentadiene	0.195	0.212	-8.7	89	-0.01
42	S	2,4,6-Tribromophenol	0.277	0.296	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	0.366	0.396	-8.2	93	0.00
44		2,4,5-Trichlorophenol	0.405	0.434	-7.2	93	0.00
45	S	2-Fluorobiphenyl	1.306	1.383	-5.9	92	0.00
46		1,1'-Biphenyl	1.470	1.529	-4.0	91	-0.01
47		2-Chloronaphthalene	1.099	1.148	-4.5	92	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.308	0.327	-6.2	90	-0.01
49		Acenaphthylene	1.730	1.807	-4.5	91	0.00
50		Dimethylphthalate	1.454	1.508	-3.7	92	-0.02
51		2,6-Dinitrotoluene	0.309	0.332	-7.4	93	0.00
52	C	Acenaphthene	1.097	1.120	-2.1	91	-0.01
53		3-Nitroaniline	0.325	0.357	-9.8	92	0.00
54	P	2,4-Dinitrophenol	0.182	0.193	-6.0	95	-0.01
55		Dibenzofuran	1.793	1.823	-1.7	91	-0.02
56	P	4-Nitrophenol	0.280	0.315	-12.5	94	-0.01
57		2,4-Dinitrotoluene	0.421	0.458	-8.8	93	-0.01
58		Fluorene	1.388	1.448	-4.3	95	-0.01
59		2,3,4,6-Tetrachlorophenol	0.373	0.392	-5.1	92	0.00
60		Diethylphthalate	1.499	1.558	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	0.674	0.704	-4.5	94	-0.02
62		4-Nitroaniline	0.344	0.370	-7.6	92	-0.02
63		Azobenzene	1.378	1.436	-4.2	92	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	0.126	0.135	-7.1	95	-0.02
66	c	n-Nitrosodiphenylamine	0.597	0.619	-3.7	91	-0.01
67		4-Bromophenyl-phenylether	0.219	0.231	-5.5	93	-0.01
68		Hexachlorobenzene	0.260	0.272	-4.6	93	-0.02
69		Atrazine	0.152	0.120	21.1	92	0.00
70	C	Pentachlorophenol	0.181	0.194	-7.2	92	-0.02
71		Phenanthrene	1.091	1.108	-1.6	91	-0.02
72		Anthracene	1.052	1.105	-5.0	92	-0.02
73		Carbazole	1.027	1.088	-5.9	93	-0.02
74		Di-n-butylphthalate	1.280	1.425	-11.3	94	-0.02
75	C	Fluoranthene	1.298	1.355	-4.4	93	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	95	0.00
77		Benzidine	0.254	0.228	10.2	50#	-0.02
78		Pyrene	1.271	1.272	-0.1	93	-0.01
79	S	Terphenyl-d14	0.992	1.013	-2.1	94	-0.03
80		Butylbenzylphthalate	0.544	0.587	-7.9	94	-0.02
81		Benzo(a)anthracene	1.243	1.281	-3.1	95	0.00
82		3,3'-Dichlorobenzidine	0.436	0.471	-8.0	92	-0.02
83		Chrysene	1.191	1.217	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.886	-11.0	95	0.00
85	c	Di-n-octyl phthalate	1.297	1.476	-13.8	96	0.00
86	I	Perylene-d12	1.000	1.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	1.388	1.460	-5.2	101	-0.02
88		Benzo(b)fluoranthene	1.199	1.237	-3.2	98	0.00
89		Benzo(k)fluoranthene	1.158	1.189	-2.7	98	0.00
90	C	Benzo(a)pyrene	1.034	1.082	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	1.152	1.207	-4.8	100	0.00
92		Benzo(g,h,i)perylene	1.173	1.216	-3.7	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	94	0.00
2		1,4-Dioxane	40.000	40.412	-1.0	95	0.00
3		Pyridine	40.000	39.955	0.1	91	0.00
4		n-Nitrosodimethylamine	40.000	40.205	-0.5	93	0.00
5	S	2-Fluorophenol	80.000	81.302	-1.6	92	0.00
6		Aniline	40.000	41.370	-3.4	91	0.00
7	S	Phenol-d6	80.000	81.063	-1.3	91	0.00
8		2-Chlorophenol	40.000	40.334	-0.8	92	0.00
9		Benzaldehyde	40.000	42.024	-5.1	97	0.00
10	C	Phenol	40.000	40.306	-0.8	90	0.00
11		bis(2-Chloroethyl)ether	40.000	39.902	0.2	90	0.00
12		1,3-Dichlorobenzene	40.000	40.298	-0.7	93	0.00
13	C	1,4-Dichlorobenzene	40.000	40.516	-1.3	94	0.00
14		1,2-Dichlorobenzene	40.000	39.898	0.3	93	0.00
15		Benzyl Alcohol	40.000	41.621	-4.1	91	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.173	-0.4	90	0.00
17		2-Methylphenol	40.000	41.046	-2.6	91	0.00
18		Hexachloroethane	40.000	40.522	-1.3	94	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	40.471	-1.2	90	0.00
20		3+4-Methylphenols	40.000	40.810	-2.0	90	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	91	0.00
22		Acetophenone	40.000	41.652	-4.1	91	0.00
23	S	Nitrobenzene-d5	80.000	83.531	-4.4	91	0.00
24		Nitrobenzene	40.000	41.537	-3.8	90	0.00
25		Isophorone	40.000	41.648	-4.1	90	0.00
26	C	2-Nitrophenol	40.000	43.376	-8.4	92	0.00
27		2,4-Dimethylphenol	40.000	41.689	-4.2	90	0.00
28		bis(2-Chloroethoxy)methane	40.000	41.402	-3.5	90	0.00
29	C	2,4-Dichlorophenol	40.000	42.461	-6.2	91	0.00
30		1,2,4-Trichlorobenzene	40.000	41.612	-4.0	92	0.00
31		Naphthalene	40.000	41.386	-3.5	92	0.00
32		Benzoic acid	40.000	40.959	-2.4	96	-0.04
33		4-Chloroaniline	40.000	42.937	-7.3	92	0.00
34	C	Hexachlorobutadiene	40.000	42.007	-5.0	93	0.00
35		Caprolactam	40.000	42.152	-5.4	92	-0.02
36	C	4-Chloro-3-methylphenol	40.000	41.737	-4.3	90	0.00
37		2-Methylnaphthalene	40.000	41.403	-3.5	92	0.00
38		1-Methylnaphthalene	40.000	41.210	-3.0	92	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	91	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	42.275	-5.7	92	0.00
41	P	Hexachlorocyclopentadiene	40.000	43.639	-9.1	89	-0.01
42	S	2,4,6-Tribromophenol	80.000	85.488	-6.9	93	-0.02
43	C	2,4,6-Trichlorophenol	40.000	43.329	-8.3	93	0.00
44		2,4,5-Trichlorophenol	40.000	42.828	-7.1	93	0.00
45	S	2-Fluorobiphenyl	80.000	84.715	-5.9	92	0.00
46		1,1'-Biphenyl	40.000	41.595	-4.0	91	-0.01
47		2-Chloronaphthalene	40.000	41.786	-4.5	92	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.475	-6.2	90	-0.01
49		Acenaphthylene	40.000	41.783	-4.5	91	0.00
50		Dimethylphthalate	40.000	41.478	-3.7	92	-0.02
51		2,6-Dinitrotoluene	40.000	42.990	-7.5	93	0.00
52	C	Acenaphthene	40.000	40.853	-2.1	91	-0.01
53		3-Nitroaniline	40.000	43.931	-9.8	92	0.00
54	P	2,4-Dinitrophenol	40.000	42.485	-6.2	95	-0.01
55		Dibenzofuran	40.000	40.679	-1.7	91	-0.02
56	P	4-Nitrophenol	40.000	44.968	-12.4	94	-0.01
57		2,4-Dinitrotoluene	40.000	43.527	-8.8	93	-0.01
58		Fluorene	40.000	41.750	-4.4	95	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	41.995	-5.0	92	0.00
60		Diethylphthalate	40.000	41.570	-3.9	92	-0.02
61		4-Chlorophenyl-phenylether	40.000	41.777	-4.4	94	-0.02
62		4-Nitroaniline	40.000	43.114	-7.8	92	-0.02
63		Azobenzene	40.000	41.686	-4.2	92	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	92	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	42.724	-6.8	95	-0.02
66	c	n-Nitrosodiphenylamine	40.000	41.500	-3.8	91	-0.01
67		4-Bromophenyl-phenylether	40.000	42.314	-5.8	93	-0.01
68		Hexachlorobenzene	40.000	41.909	-4.8	93	-0.02
69		Atrazine	40.000	31.567	21.1	92	0.00
70	C	Pentachlorophenol	40.000	42.900	-7.2	92	-0.02
71		Phenanthrene	40.000	40.615	-1.5	91	-0.02
72		Anthracene	40.000	42.051	-5.1	92	-0.02
73		Carbazole	40.000	42.351	-5.9	93	-0.02
74		Di-n-butylphthalate	40.000	44.539	-11.3	94	-0.02
75	C	Fluoranthene	40.000	41.771	-4.4	93	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	95	0.00
77		Benzidine	40.000	36.041	9.9	50	-0.02
78		Pyrene	40.000	40.022	-0.1	93	-0.01
79	S	Terphenyl-d14	80.000	81.649	-2.1	94	-0.03
80		Butylbenzylphthalate	40.000	43.107	-7.8	94	-0.02
81		Benzo(a)anthracene	40.000	41.207	-3.0	95	0.00
82		3,3'-Dichlorobenzidine	40.000	43.139	-7.8	92	-0.02
83		Chrysene	40.000	40.888	-2.2	96	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	44.400	-11.0	95	0.00
85	c	Di-n-octyl phthalate	40.000	45.513	-13.8	96	0.00
86	I	Perylene-d12	20.000	20.000	0.0	99	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	42.071	-5.2	101	-0.02
88		Benzo(b)fluoranthene	40.000	41.288	-3.2	98	0.00
89		Benzo(k)fluoranthene	40.000	41.081	-2.7	98	0.00
90	C	Benzo(a)pyrene	40.000	41.855	-4.6	99	0.00
91		Dibenzo(a,h)anthracene	40.000	41.902	-4.8	100	0.00
92		Benzo(g,h,i)perylene	40.000	41.455	-3.6	99	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024283.D
Acq On : 14 Apr 2025 18:35
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP041425

Quant Time: Apr 15 04:54:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BM050129.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.113		-2.5	
Benzaldehyde	0.961	0.911		-5.2	
Phenol-d6	1.436	1.401		-2.4	
Phenol	1.453	1.425		-1.9	20.0
bis(2-Chloroethyl)ether	1.214	1.149		-5.4	
2-Chlorophenol	1.235	1.194		-3.3	
2-Methylphenol	0.957	0.941		-1.7	
2,2-oxybis(1-Chloropropane)	1.475	1.451		-1.6	
Acetophenone	0.497	0.472		-5.0	
3+4-Methylphenols	1.293	1.266		-2.1	
n-Nitroso-di-n-propylamine	0.921	0.900	0.050	-2.3	
Nitrobenzene-d5	0.406	0.388		-4.4	
Hexachloroethane	0.533	0.501		-6.0	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.664		-4.0	
2-Nitrophenol	0.179	0.179		0.0	20.0
2,4-Dimethylphenol	0.297	0.291		-2.0	
bis(2-Chloroethoxy)methane	0.428	0.407		-4.9	
2,4-Dichlorophenol	0.333	0.323		-3.0	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.401		-3.4	
Hexachlorobutadiene	0.258	0.239		-7.4	20.0
Caprolactam	0.097	0.094		-3.1	
4-Chloro-3-methylphenol	0.308	0.294		-4.5	20.0
2-Methylnaphthalene	0.679	0.636		-6.3	
Hexachlorocyclopentadiene	0.423	0.361	0.050	-14.7	
2,4,6-Trichlorophenol	0.439	0.428		-2.5	20.0
2-Fluorobiphenyl	1.691	1.612		-4.7	
2,4,5-Trichlorophenol	0.474	0.464		-2.1	
1,1-Biphenyl	1.487	1.400		-5.9	
2-Chloronaphthalene	1.177	1.109		-5.8	
2-Nitroaniline	0.276	0.279		1.1	
Dimethylphthalate	1.462	1.370		-6.3	
Acenaphthylene	1.857	1.752		-5.7	
2,6-Dinitrotoluene	0.303	0.297		-2.0	
3-Nitroaniline	0.289	0.290		0.3	
Acenaphthene	1.075	1.006		-6.4	20.0
2,4-Dinitrophenol	0.164	0.160	0.050	-2.4	
4-Nitrophenol	0.205	0.189	0.050	-7.8	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_M Calibration Date/Time: 05/07/2025 09:56

Lab File ID: BM050129.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.788	1.674		-6.4	
2,4-Dinitrotoluene	0.418	0.415		-0.7	
Diethylphthalate	1.377	1.278		-7.2	
4-Chlorophenyl-phenylether	0.804	0.755		-6.1	
Fluorene	1.463	1.378		-5.8	
4-Nitroaniline	0.279	0.284		1.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.583		-5.0	20.0
2,4,6-Tribromophenol	0.296	0.285		-3.7	
4-Bromophenyl-phenylether	0.242	0.230		-5.0	
Hexachlorobenzene	0.279	0.263		-5.7	
Atrazine	0.222	0.211		-5.0	
Pentachlorophenol	0.157	0.144		-8.3	20.0
Phenanthrene	1.128	1.052		-6.7	
Anthracene	1.142	1.076		-5.8	
Carbazole	0.991	0.951		-4.0	
Di-n-butylphthalate	1.180	1.112		-5.8	
Fluoranthene	1.324	1.258		-5.0	20.0
Pyrene	1.404	1.381		-1.6	
Terphenyl-d14	1.352	1.351		-0.1	
Butylbenzylphthalate	0.526	0.517		-1.7	
3,3-Dichlorobenzidine	0.527	0.511		-3.0	
Benzo(a)anthracene	1.377	1.299		-5.7	
Chrysene	1.275	1.183		-7.2	
Bis(2-ethylhexyl)phthalate	0.786	0.740		-5.9	
Di-n-octyl phthalate	1.296	1.213		-6.4	20.0
Benzo(b)fluoranthene	1.301	1.180		-9.3	
Benzo(k)fluoranthene	1.316	1.208		-8.2	
Benzo(a)pyrene	1.218	1.131		-7.1	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.413		-5.2	
Dibenzo(a,h)anthracene	1.215	1.160		-4.5	
Benzo(g,h,i)perylene	1.163	1.102		-5.2	
1,2,4,5-Tetrachlorobenzene	0.692	0.657		-5.1	
1,4-Dioxane	0.490	0.461		-5.9	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.388		-5.4	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	266306	20.000	ng	-0.02
21) Naphthalene-d8	10.534	136	985466	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	648787	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1276061	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1188727	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1179190	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1185161	77.929	ng	-0.02
7) Phenol-d6	6.934	99	1492729	78.093	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1529857	76.498	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	740128	77.152	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	4183725	76.285	ng	-0.02
79) Terphenyl-d14	19.768	244	6425682	79.988	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	245428	37.638	ng	99
3) Pyridine	3.640	79	649387	38.760	ng	98
4) n-Nitrosodimethylamine	3.546	42	251732	38.309	ng	99
6) Aniline	7.075	93	940890	38.981	ng	99
8) 2-Chlorophenol	7.316	128	636062	38.682	ng	98
9) Benzaldehyde	6.887	77	485239	37.934	ng	98
10) Phenol	6.957	94	759102	39.229	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	611928	37.871	ng	99
12) 1,3-Dichlorobenzene	7.634	146	750200	37.769	ng	99
13) 1,4-Dichlorobenzene	7.775	146	751753	37.673	ng	98
14) 1,2-Dichlorobenzene	8.093	146	720747	37.392	ng	99
15) Benzyl Alcohol	7.993	79	534885	40.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	773045	39.358	ng	100
17) 2-Methylphenol	8.204	107	500949	39.297	ng	99
18) Hexachloroethane	8.816	117	266844	37.618	ng	97
19) n-Nitroso-di-n-propyla...	8.551	70	479342	39.100	ng	99
20) 3+4-Methylphenols	8.534	107	674221	39.165	ng	97
22) Acetophenone	8.569	105	930655	37.985	ng	98
24) Nitrobenzene	8.946	77	663350	38.361	ng	99
25) Isophorone	9.475	82	1308322	38.379	ng	99
26) 2-Nitrophenol	9.657	139	353615	40.028	ng	99
27) 2,4-Dimethylphenol	9.728	122	573493	39.146	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	802616	38.093	ng	100
29) 2,4-Dichlorophenol	10.210	162	636422	38.777	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	746754	37.345	ng	98
31) Naphthalene	10.587	128	1869765	37.465	ng	100
32) Benzoic acid	9.904	122	364406	38.892	ng	99
33) 4-Chloroaniline	10.704	127	790719	38.655	ng	99
34) Hexachlorobutadiene	10.869	225	471584	37.153	ng	99
35) Caprolactam	11.504	113	186188	38.907	ng	91
36) 4-Chloro-3-methylphenol	11.857	107	579525	38.219	ng	99
37) 2-Methylnaphthalene	12.204	142	1254166	37.483	ng	99
38) 1-Methylnaphthalene	12.422	142	1324896	37.416	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	852610	37.962	ng	100
41) Hexachlorocyclopentadiene	12.551	237	468351	34.123	ng	100
43) 2,4,6-Trichlorophenol	12.834	196	555916	39.025	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

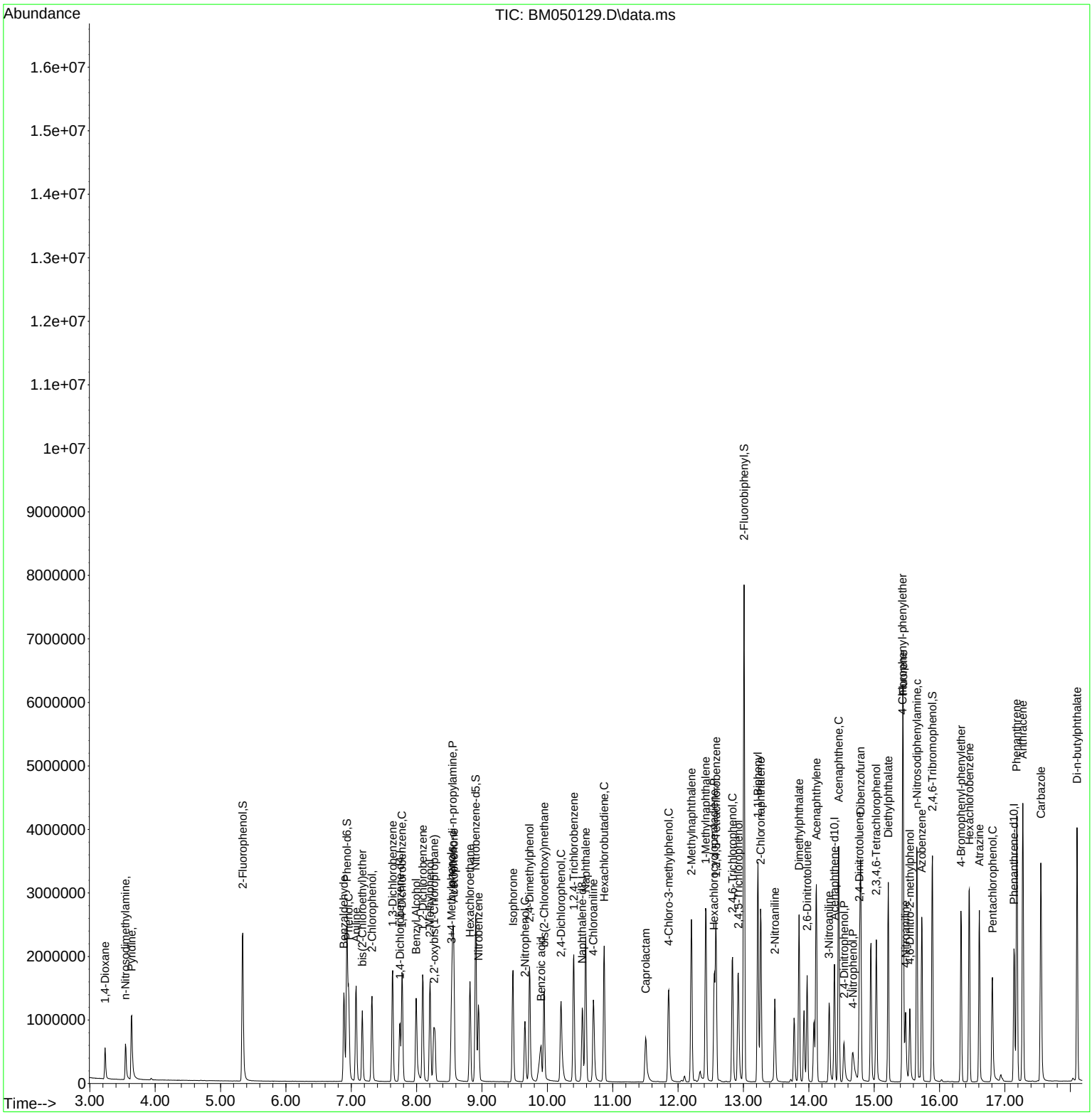
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	602516	39.223	ng	99
46) 1,1'-Biphenyl	13.222	154	1816474	37.665	ng	98
47) 2-Chloronaphthalene	13.263	162	1439265	37.681	ng	100
48) 2-Nitroaniline	13.481	65	362607	40.448	ng	99
49) Acenaphthylene	14.116	152	2273946	37.758	ng	99
50) Dimethylphthalate	13.851	163	1777120	37.481	ng	100
51) 2,6-Dinitrotoluene	13.975	165	384842	39.202	ng	99
52) Acenaphthene	14.457	154	1305026	37.437	ng	99
53) 3-Nitroaniline	14.310	138	376890	40.213	ng	100
54) 2,4-Dinitrophenol	14.539	184	207759	36.439	ng	98
55) Dibenzofuran	14.792	168	2172737	37.462	ng	100
56) 4-Nitrophenol	14.675	139	244642	34.800	ng	98
57) 2,4-Dinitrotoluene	14.775	165	537890	39.653	ng	99
58) Fluorene	15.445	166	1787962	37.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	503890	37.896	ng	99
60) Diethylphthalate	15.216	149	1658728	37.127	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	979216	37.553	ng	97
62) 4-Nitroaniline	15.480	138	368722	40.776	ng	97
63) Azobenzene	15.727	77	1398756	37.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	309774	38.782	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1487921	37.972	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	586846	38.030	ng	99
68) Hexachlorobenzene	16.457	284	671453	37.749	ng	96
69) Atrazine	16.610	200	539064	38.139	ng	99
70) Pentachlorophenol	16.810	266	368173	36.772	ng	100
71) Phenanthrene	17.180	178	2685945	37.320	ng	100
72) Anthracene	17.274	178	2746787	37.713	ng	100
73) Carbazole	17.551	167	2427561	38.410	ng	99
74) Di-n-butylphthalate	18.104	149	2838617	37.714	ng	99
75) Fluoranthene	19.204	202	3209490	37.983	ng	100
77) Benzidine	19.392	184	1655106	39.198	ng	99
78) Pyrene	19.568	202	3284421	39.346	ng	100
80) Butylbenzylphthalate	20.462	149	1229679	39.331	ng	98
81) Benzo(a)anthracene	21.368	228	3088369	37.728	ng	100
82) 3,3'-Dichlorobenzidine	21.286	252	1215688	38.795	ng	99
83) Chrysene	21.427	228	2813027	37.130	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1760201	37.692	ng	99
85) Di-n-octyl phthalate	22.403	149	2883032	37.435	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3332526	37.928	ng	99
88) Benzo(b)fluoranthene	23.433	252	2784029	36.304	ng	100
89) Benzo(k)fluoranthene	23.498	252	2849425	36.733	ng	99
90) Benzo(a)pyrene	24.239	252	2666219	37.121	ng	100
91) Dibenzo(a,h)anthracene	27.815	278	2735436	38.192	ng	99
92) Benzo(g,h,i)perylene	28.827	276	2598984	37.902	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

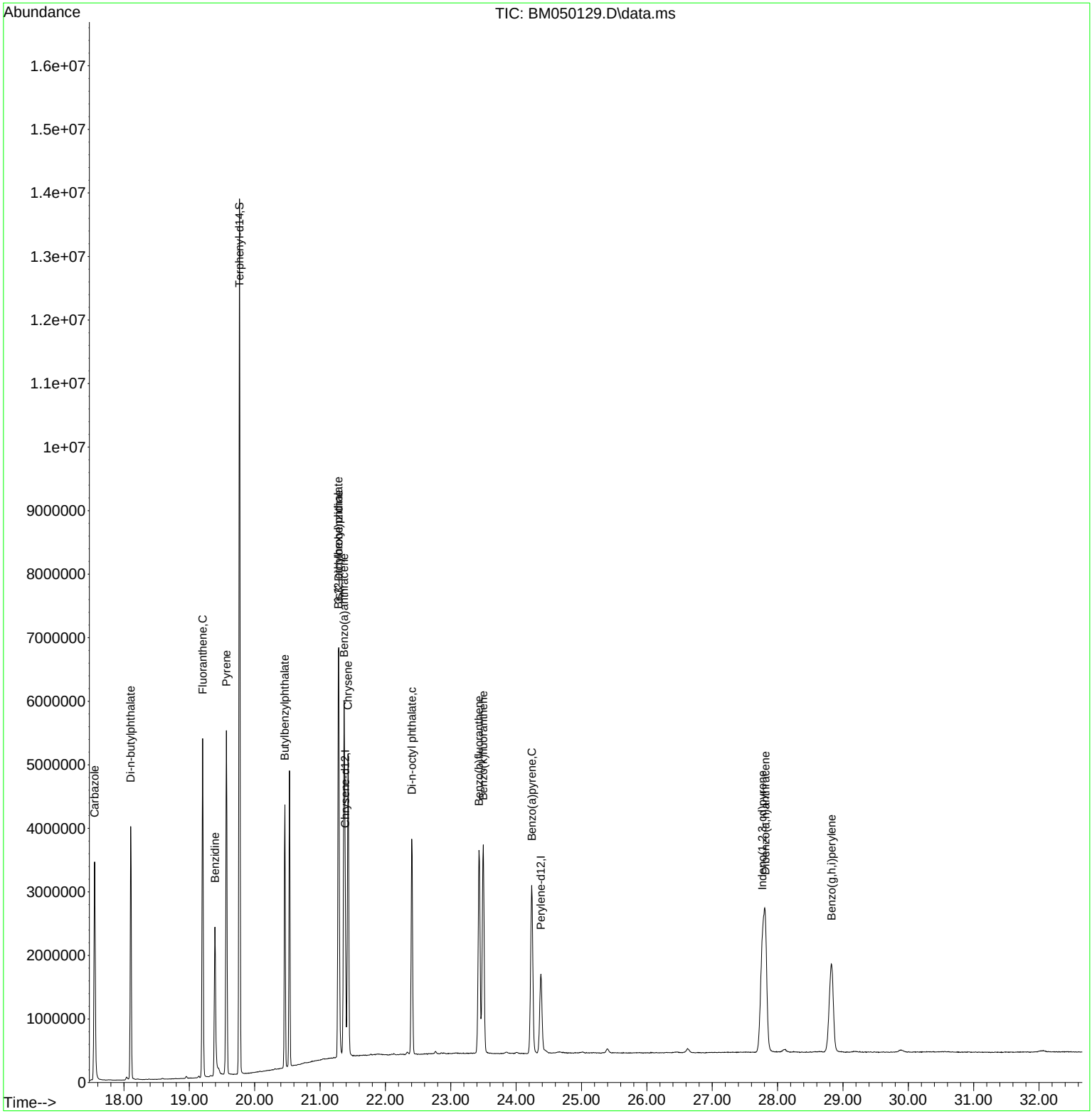
Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

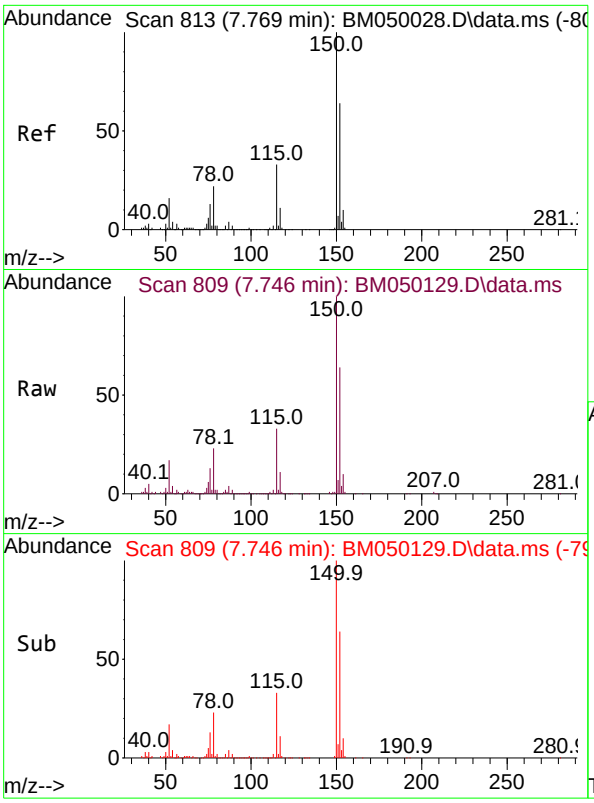


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Data File : BM050129.D
Acq On : 07 May 2025 09:56
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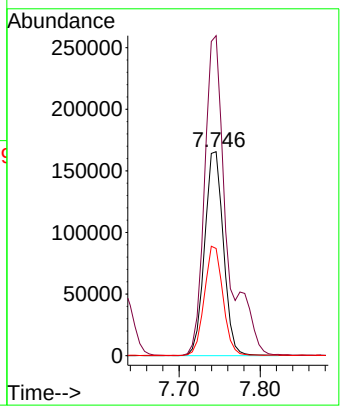


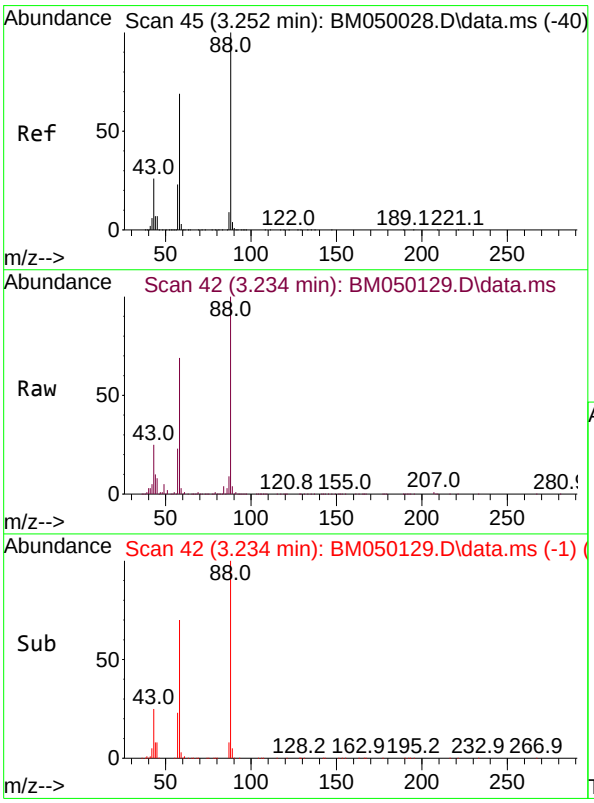
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 8
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 266306

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.1	186.1
115	52.5	41.2	61.8

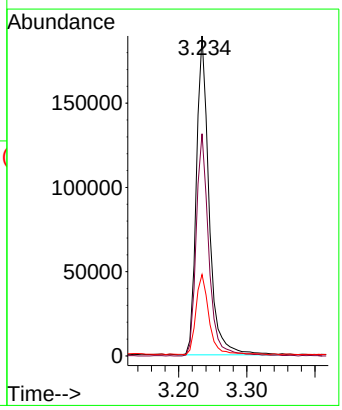


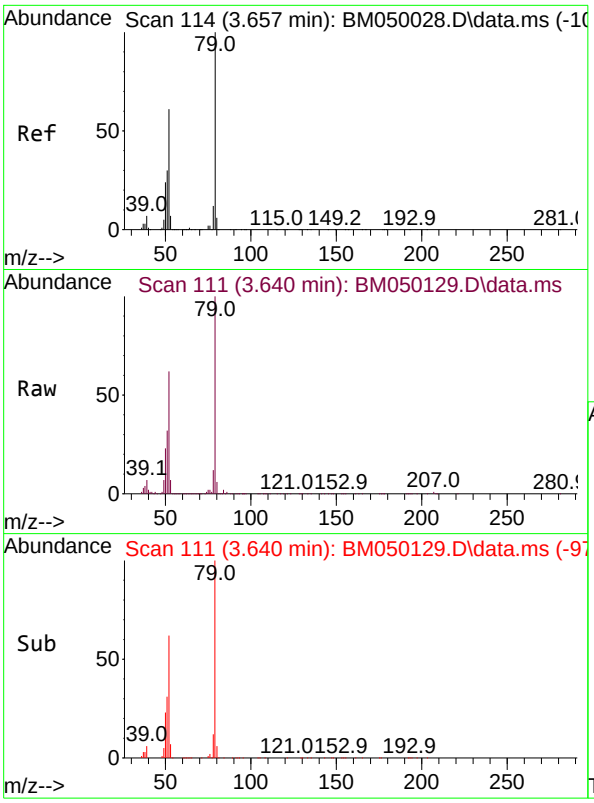


#2
1,4-Dioxane
Concen: 37.638 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 88 Resp: 245428

Ion	Ratio	Lower	Upper
88	100		
58	69.5	55.1	82.7
43	25.3	20.9	31.3



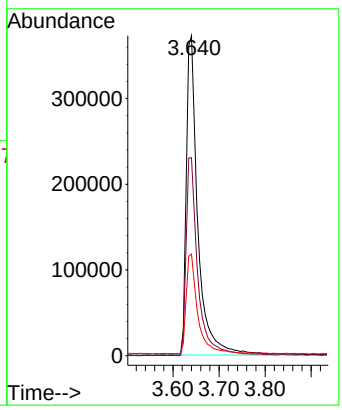


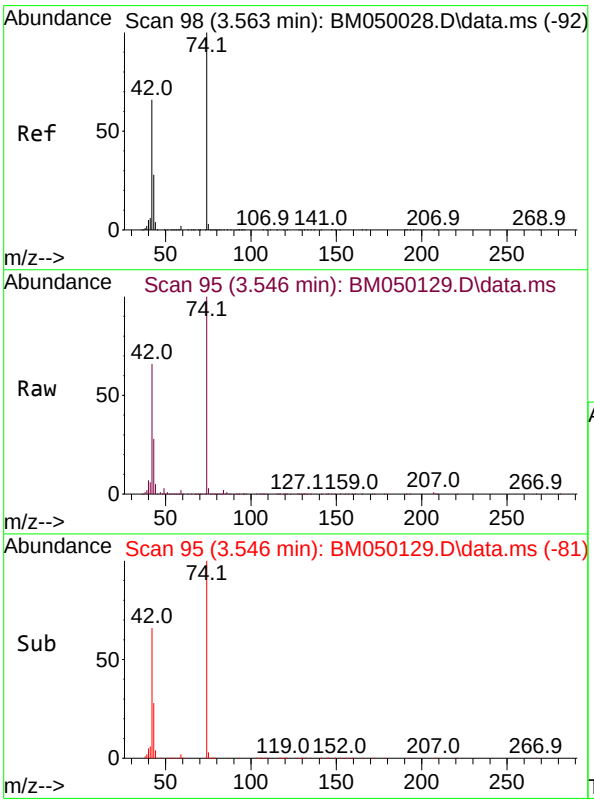
#3
Pyridine
Concen: 38.760 ng
RT: 3.640 min Scan# 11
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 649387

Ion	Ratio	Lower	Upper
79	100		
52	61.9	48.6	72.8
51	31.8	24.6	37.0

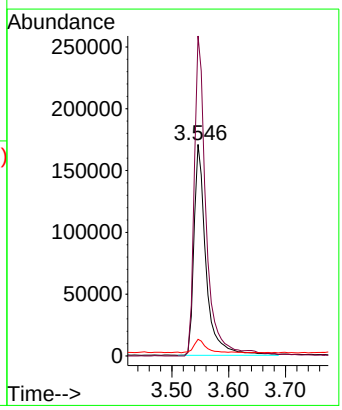


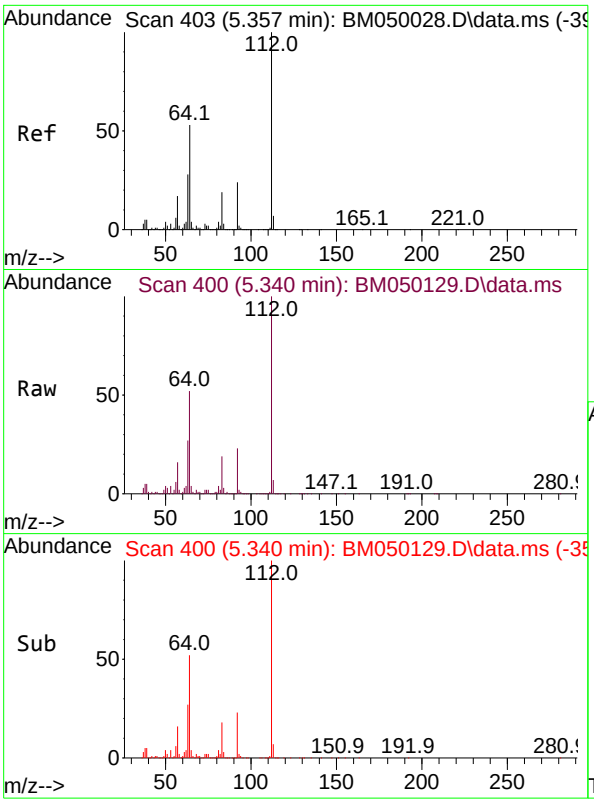


#4
n-Nitrosodimethylamine
Concen: 38.309 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 42 Resp: 251732

Ion	Ratio	Lower	Upper
42	100		
74	151.3	120.2	180.2
44	7.9	6.2	9.2



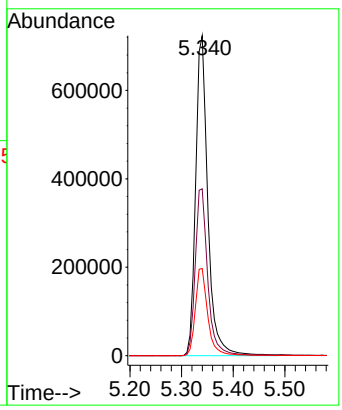


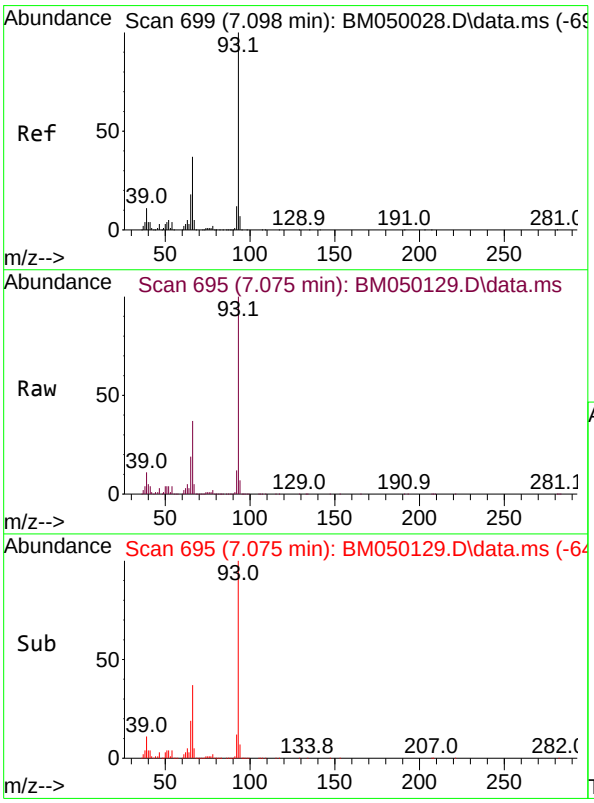
#5
2-Fluorophenol
Concen: 77.929 ng
RT: 5.340 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1185161

Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	27.2	22.2	33.4

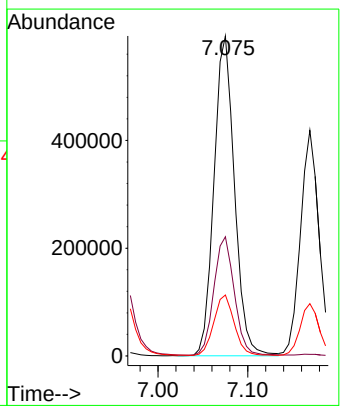


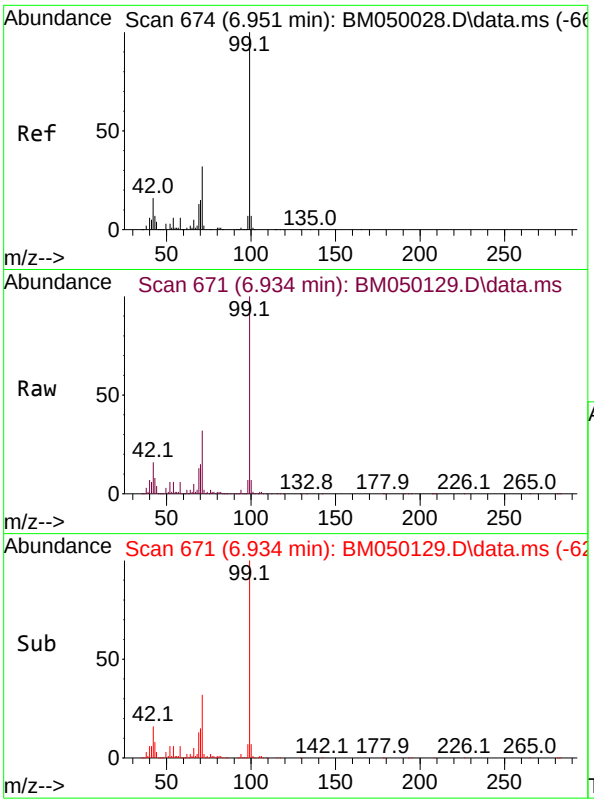


#6
Aniline
Concen: 38.981 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 93 Resp: 940890

Ion	Ratio	Lower	Upper
93	100		
66	37.3	29.9	44.9
65	19.0	14.5	21.7



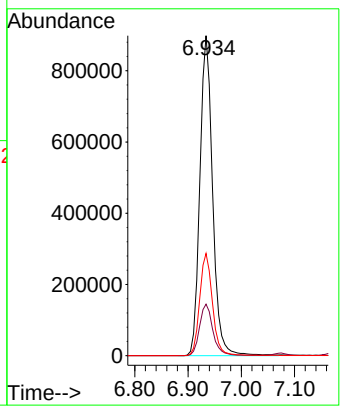


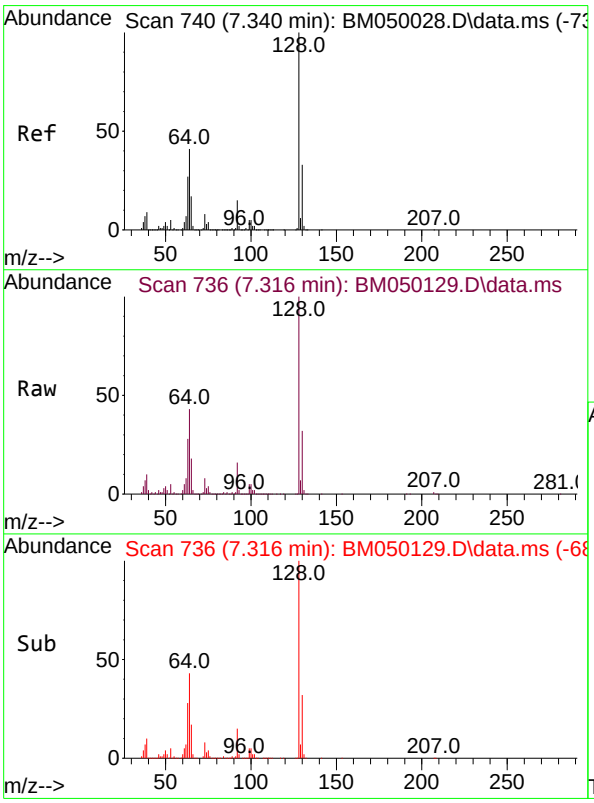
#7
Phenol-d6
Concen: 78.093 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1492729

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.0	19.4
71	32.0	25.6	38.4

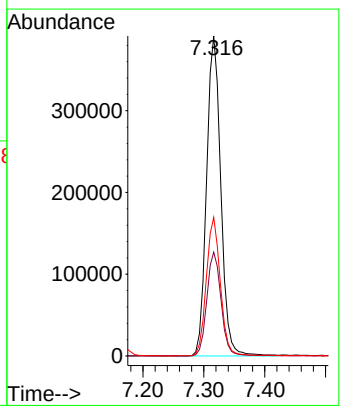


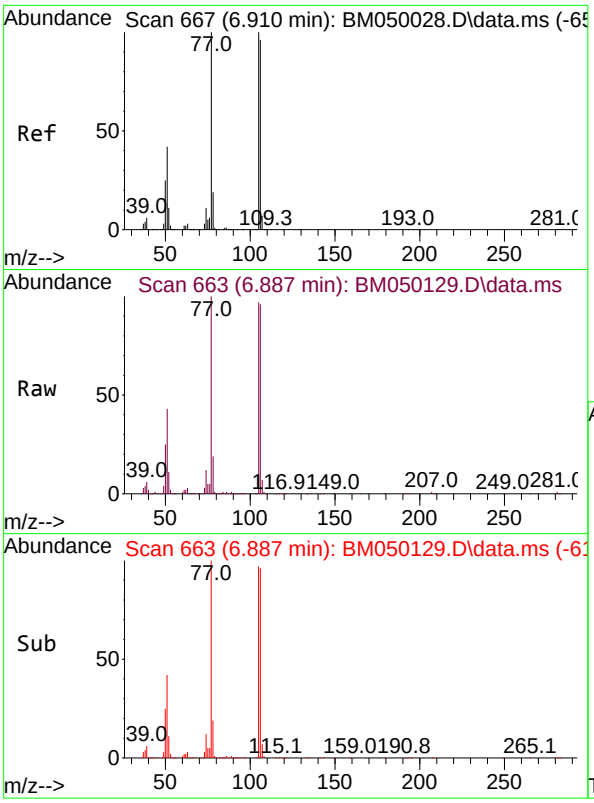


#8
2-Chlorophenol
Concen: 38.682 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:128 Resp: 636062

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	43.3	21.2	61.2



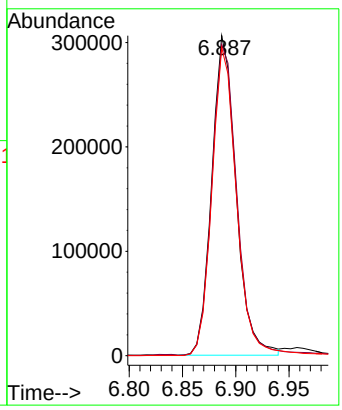


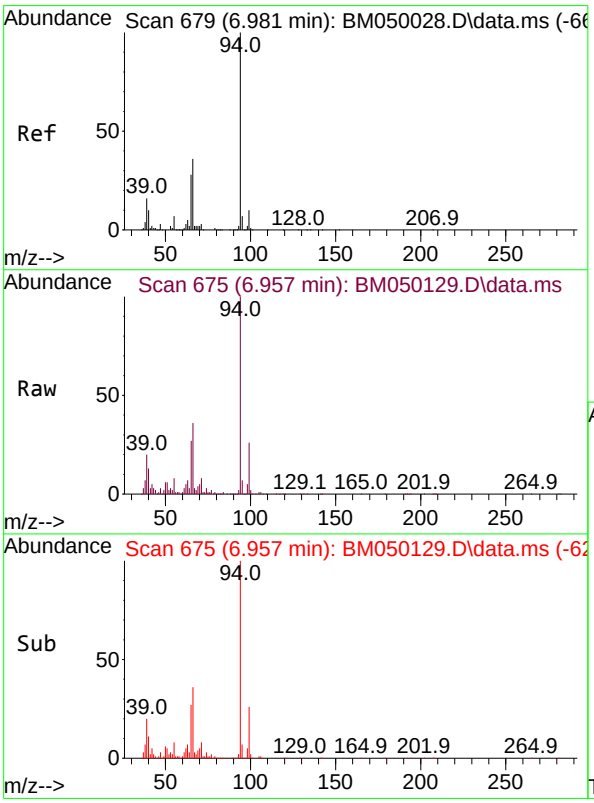
#9
Benzaldehyde
Concen: 37.934 ng
RT: 6.887 min Scan# 6
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 485239

Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.5	120.5
106	96.3	76.1	116.1

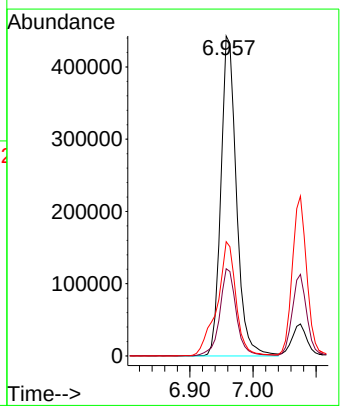


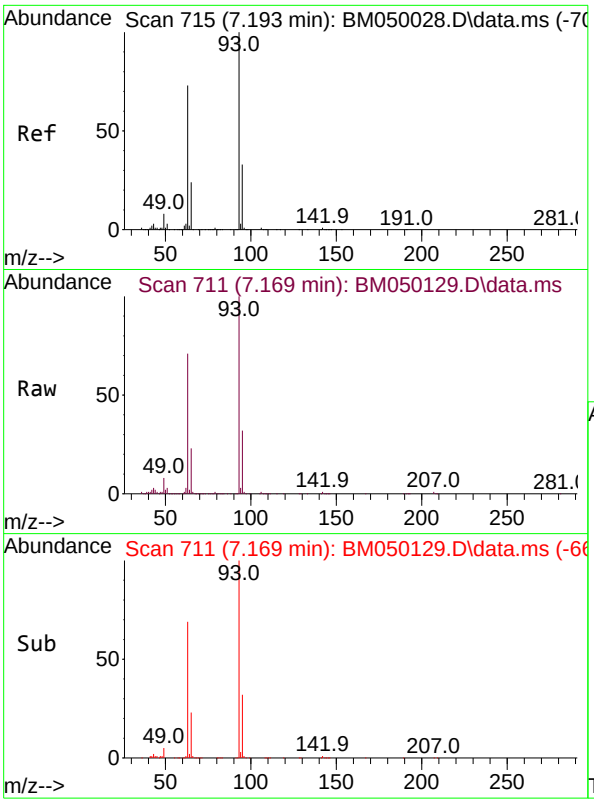


#10
Phenol
Concen: 39.229 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 94 Resp: 759102

Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.6	47.6
66	35.7	15.8	55.8



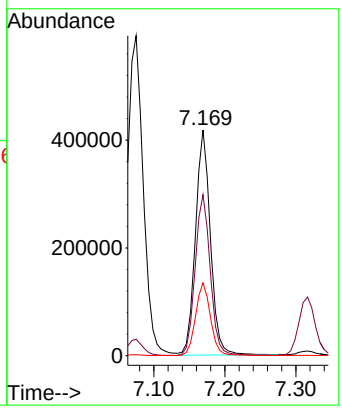


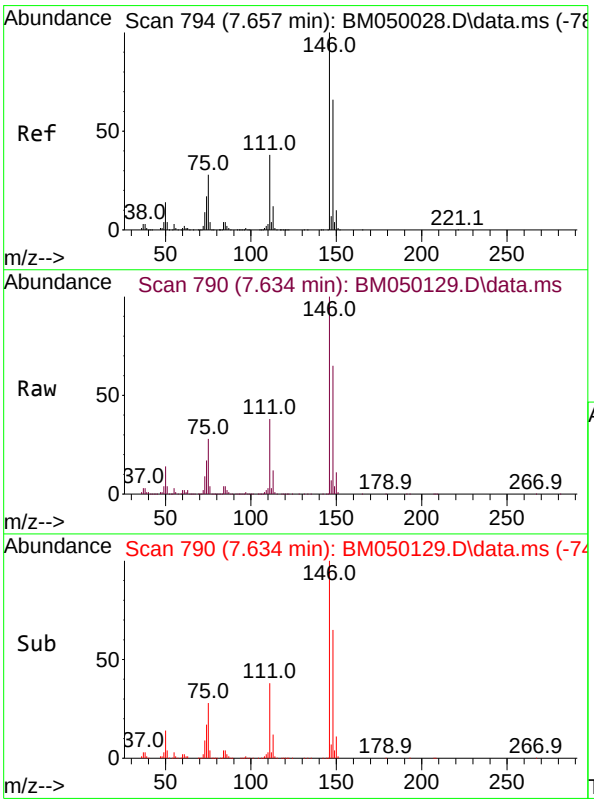
#11
bis(2-Chloroethyl)ether
Concen: 37.871 ng
RT: 7.169 min Scan# 71
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 611928

Ion	Ratio	Lower	Upper
93	100		
63	71.4	52.3	92.3
95	32.3	12.8	52.8

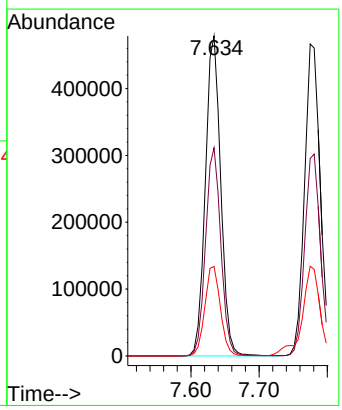


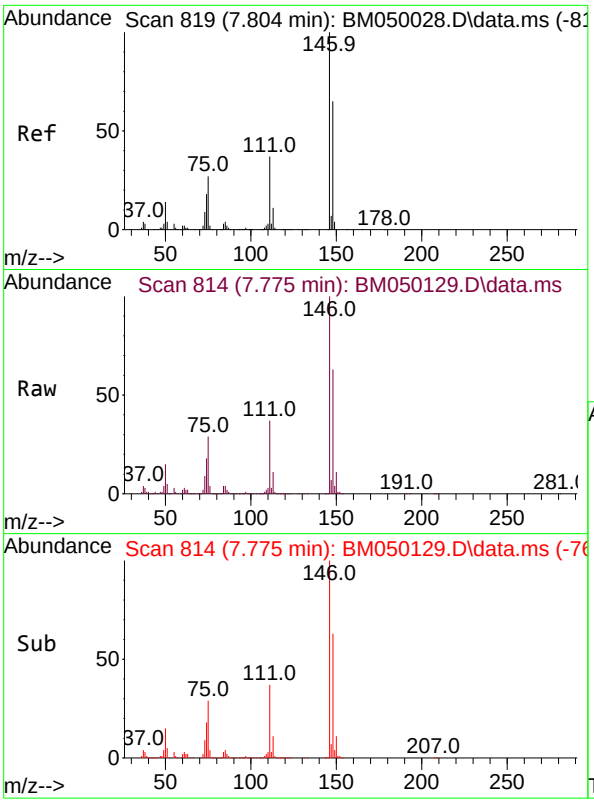


#12
1,3-Dichlorobenzene
Concen: 37.769 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:146 Resp: 750200

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.5	78.7
75	28.0	22.6	34.0



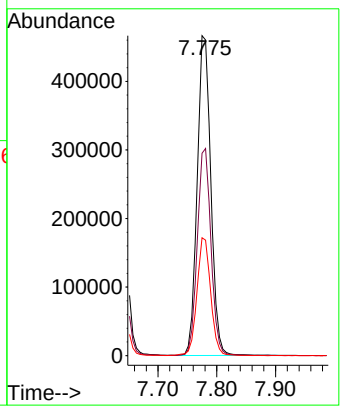


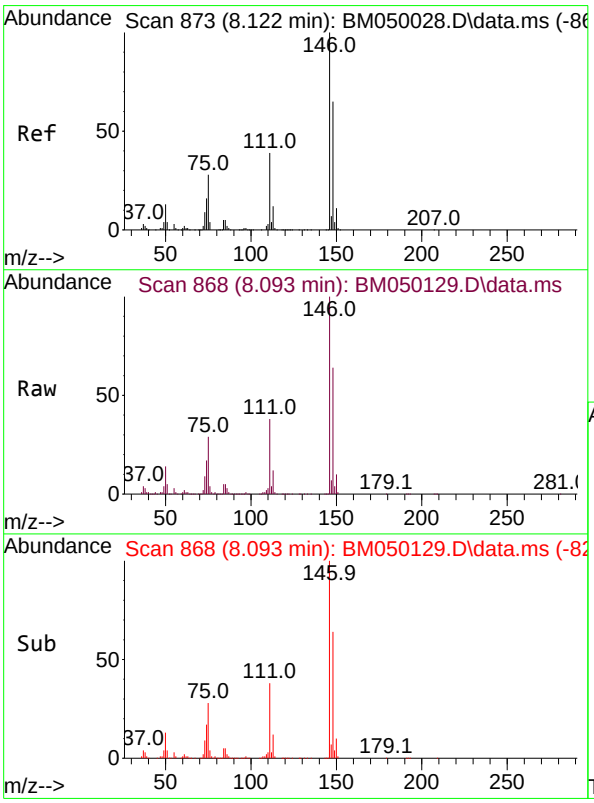
#13
1,4-Dichlorobenzene
Concen: 37.673 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 751753

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	36.9	29.3	43.9

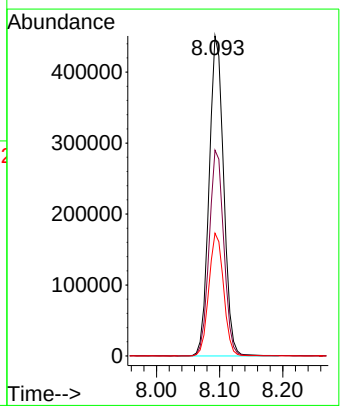


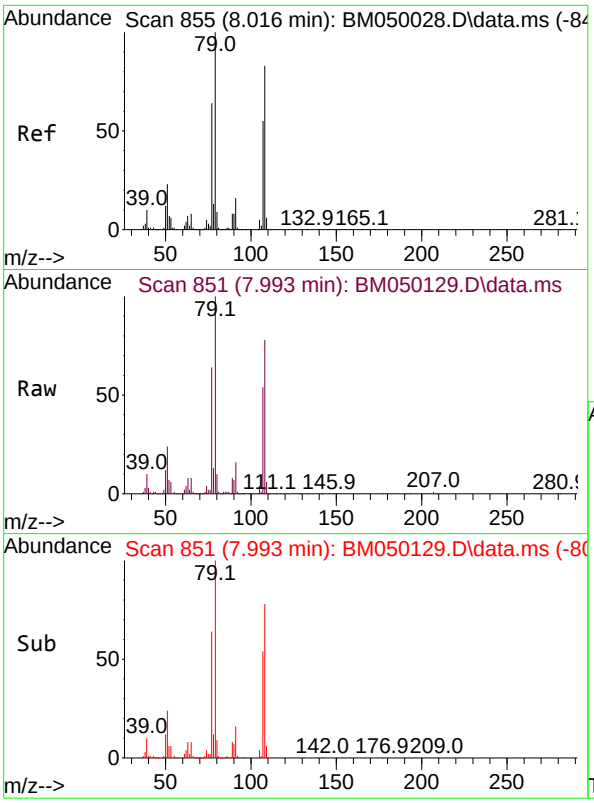


#14
1,2-Dichlorobenzene
Concen: 37.392 ng
RT: 8.093 min Scan# 868
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:146 Resp: 720747

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.4	78.6
111	38.4	31.0	46.6



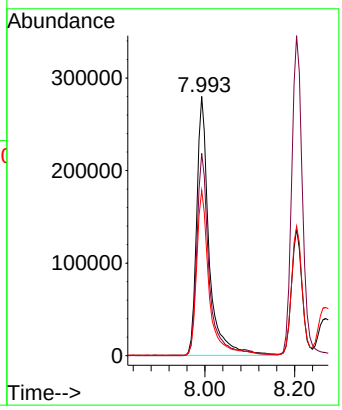


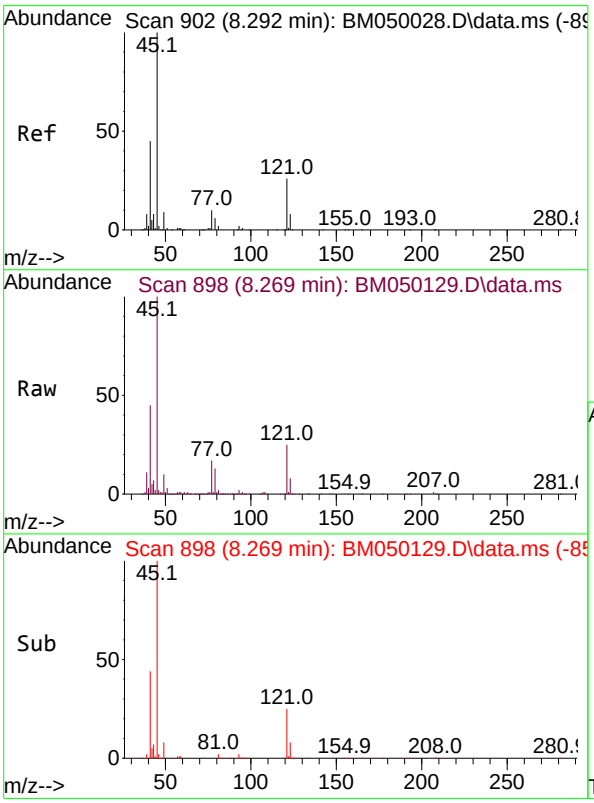
#15
Benzyl Alcohol
Concen: 40.351 ng
RT: 7.993 min Scan# 8
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 534885

Ion	Ratio	Lower	Upper
79	100		
108	78.0	66.0	99.0
77	63.8	51.6	77.4

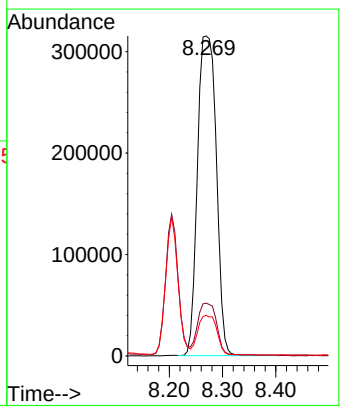


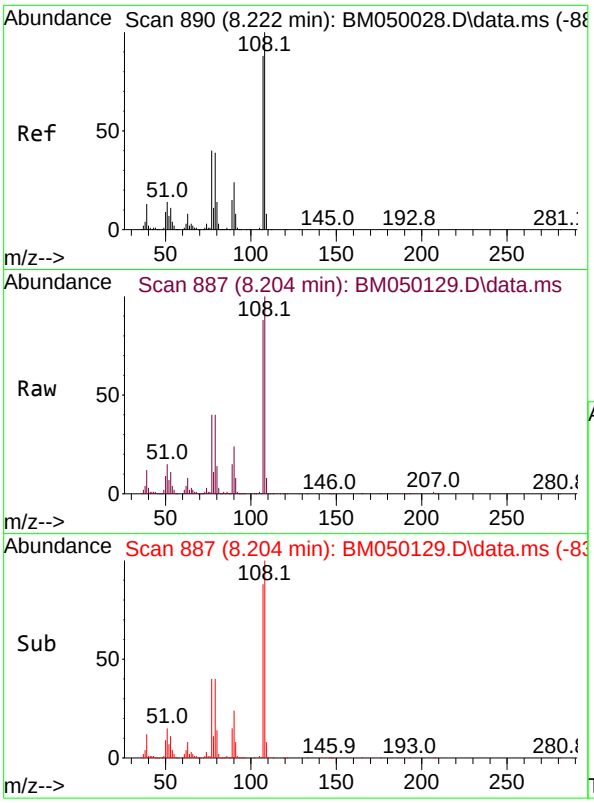


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.358 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 45 Resp: 773045

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	36.4
79	12.7	0.0	32.7



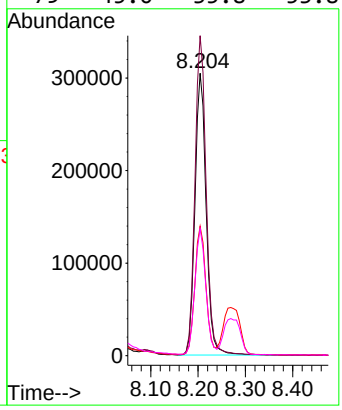


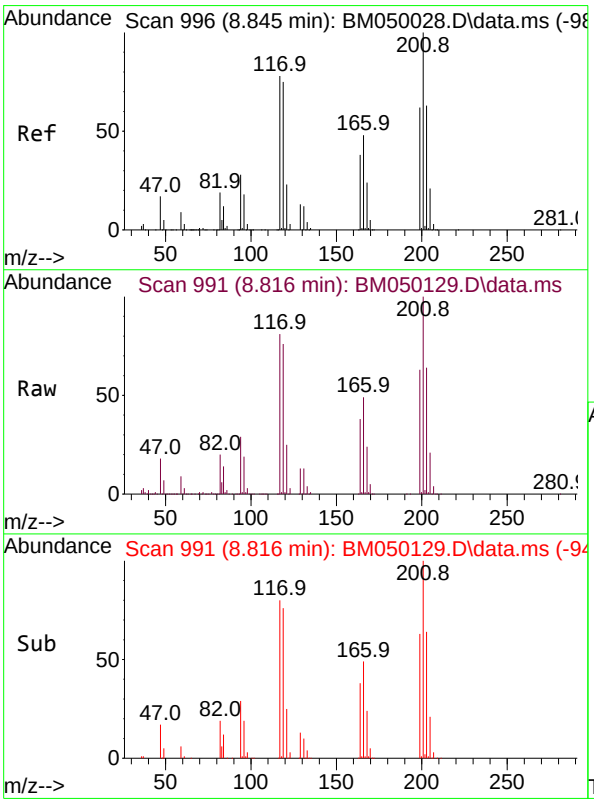
#17
2-Methylphenol
Concen: 39.297 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 500949

Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.1	136.7
77	45.8	36.2	54.4
79	45.0	35.8	53.8

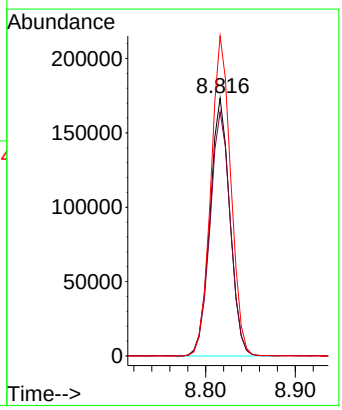


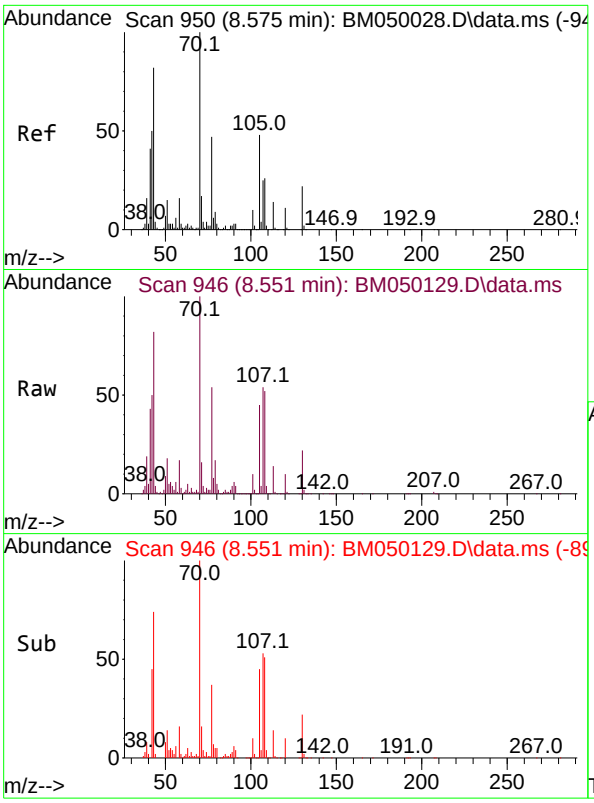


#18
Hexachloroethane
Concen: 37.618 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:117 Resp: 266844

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.3	115.9
201	124.1	102.8	154.2



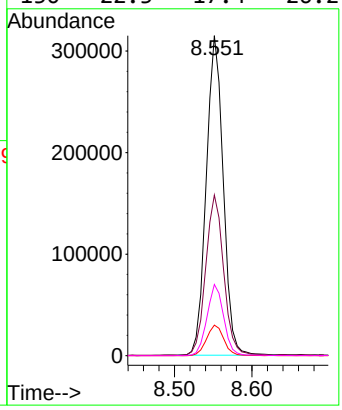


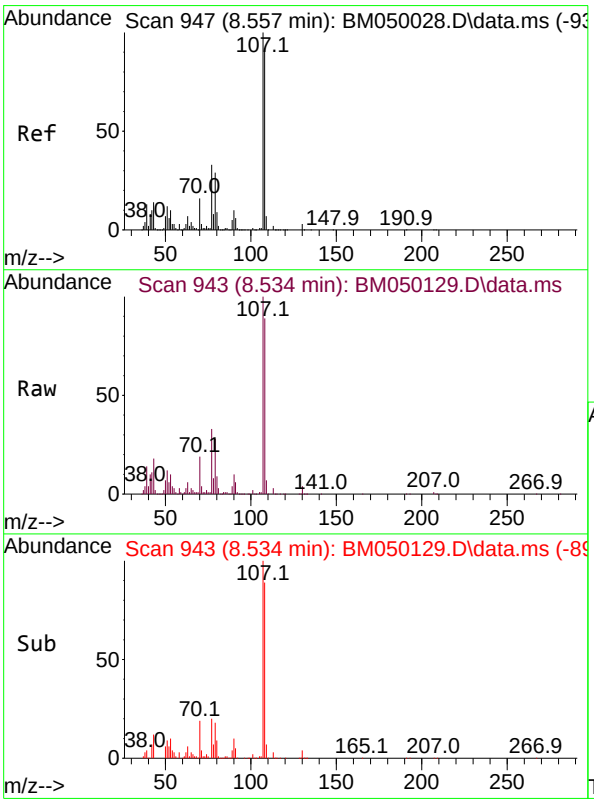
#19
n-Nitroso-di-n-propylamine
Concen: 39.100 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 479342

Ion	Ratio	Lower	Upper
70	100		
42	50.2	40.5	60.7
101	9.5	7.8	11.6
130	22.3	17.4	26.2

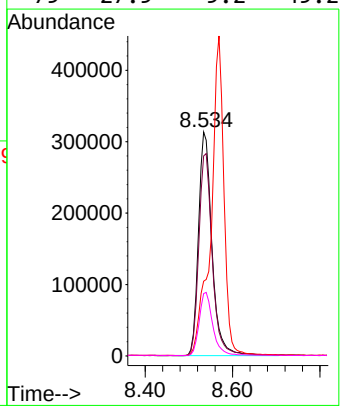


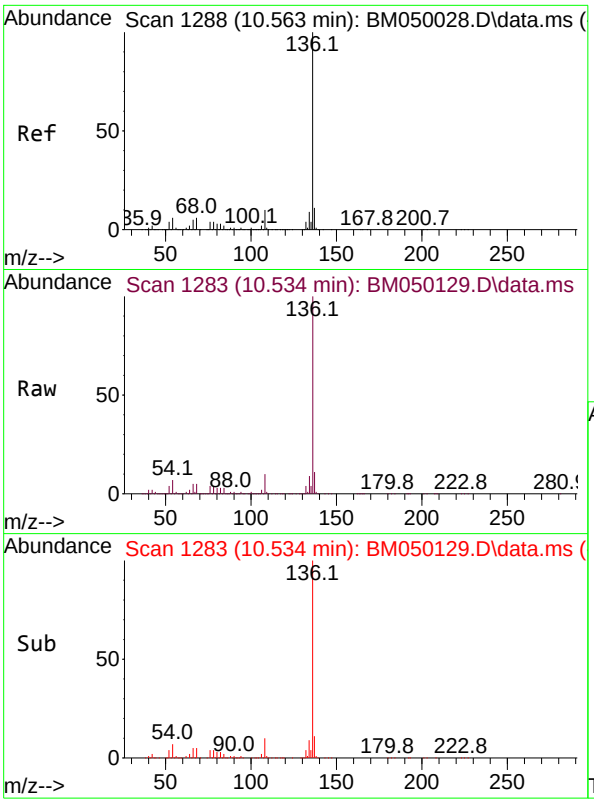


#20
3+4-Methylphenols
Concen: 39.165 ng
RT: 8.534 min Scan# 943
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:107 Resp: 674221

Ion	Ratio	Lower	Upper
107	100		
108	89.3	72.4	112.4
77	33.4	13.6	53.6
79	27.9	9.2	49.2



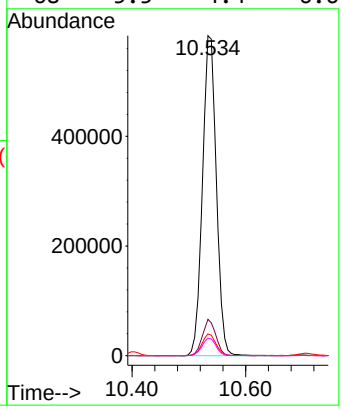


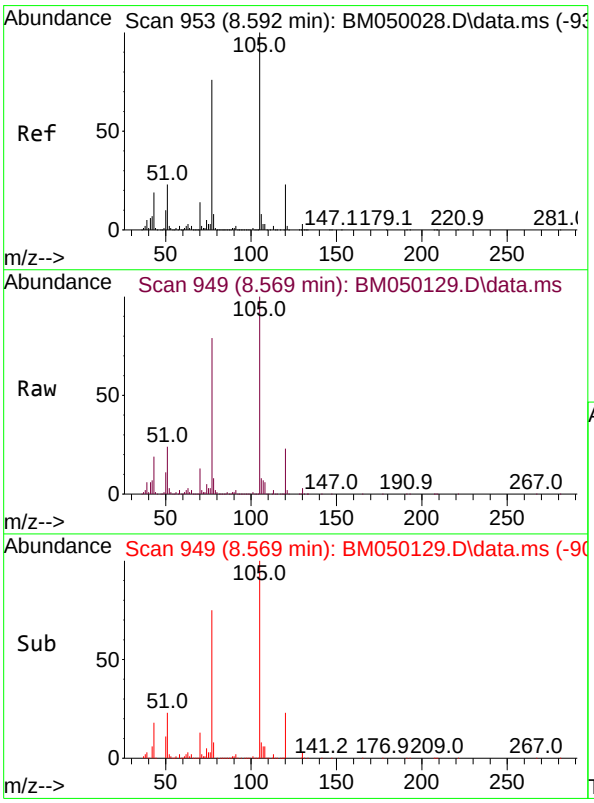
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 985466

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.1	7.7
68	5.5	4.4	6.6

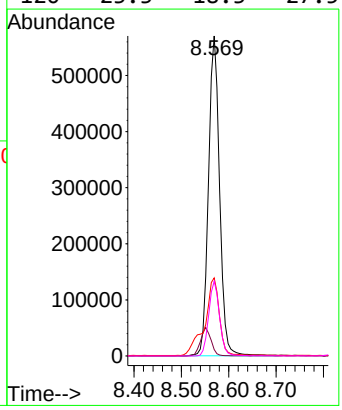


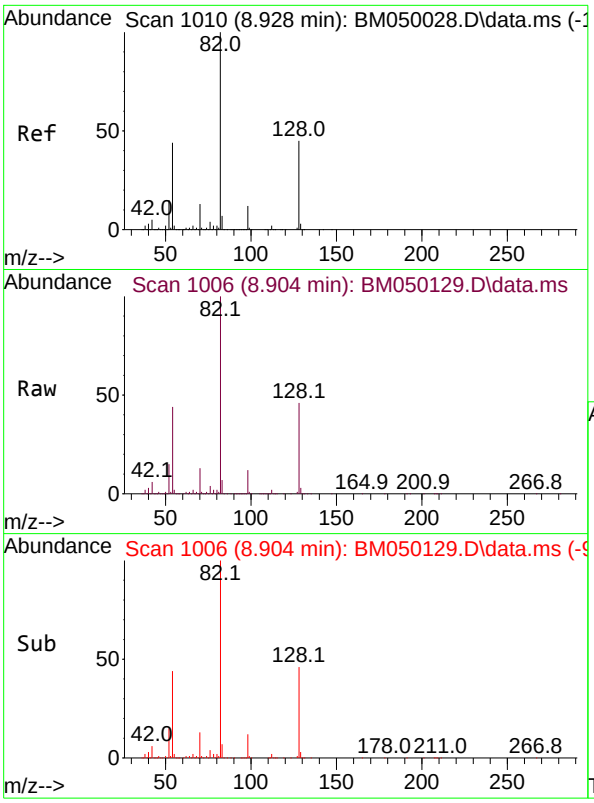


#22
Acetophenone
Concen: 37.985 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:105 Resp: 930655

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.7	2.5
51	24.4	18.6	27.8
120	23.3	18.3	27.5



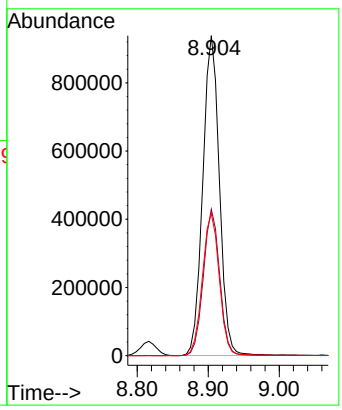


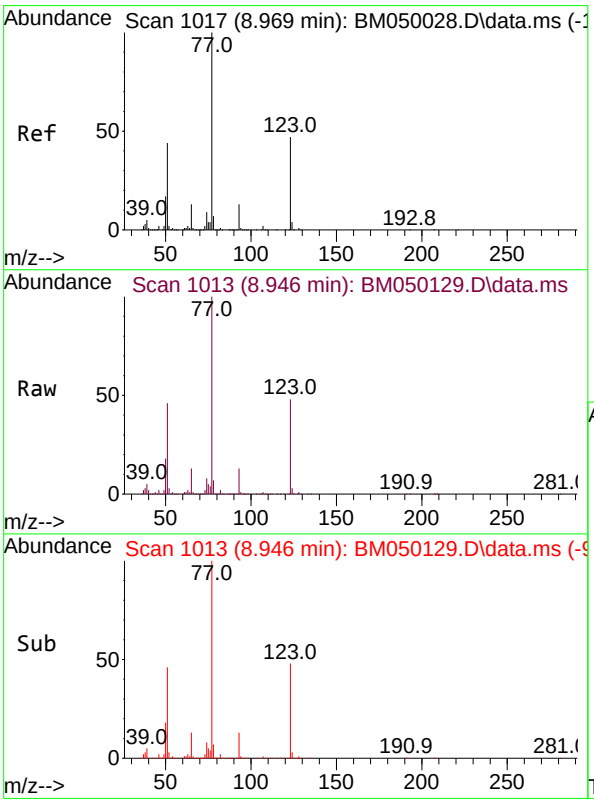
#23
Nitrobenzene-d5
Concen: 76.498 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1529857

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.7	53.5
54	44.4	35.4	53.2

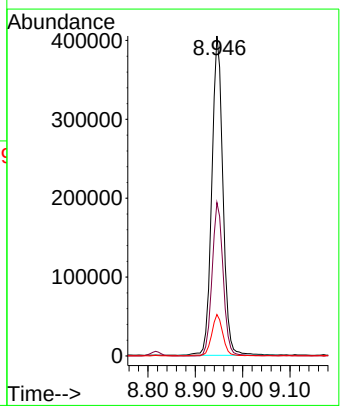


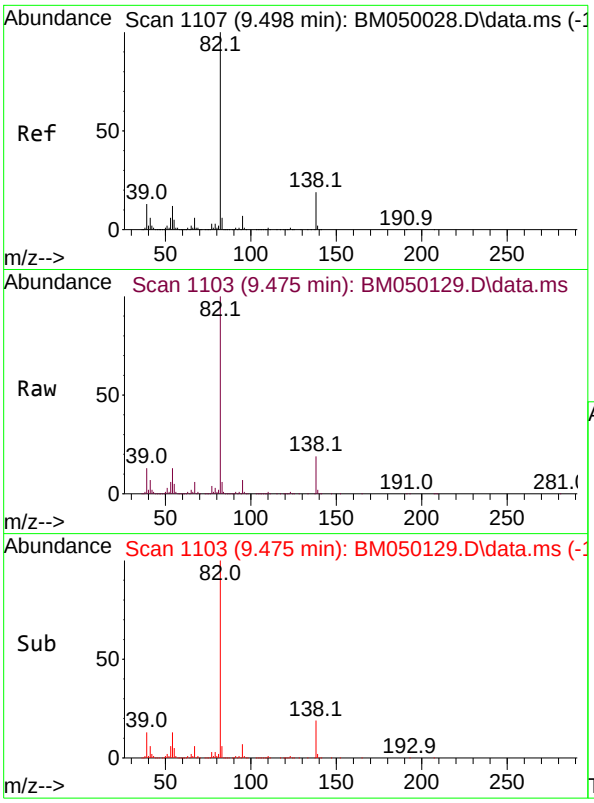


#24
Nitrobenzene
Concen: 38.361 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 77 Resp: 663350

Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.0	10.1	15.1



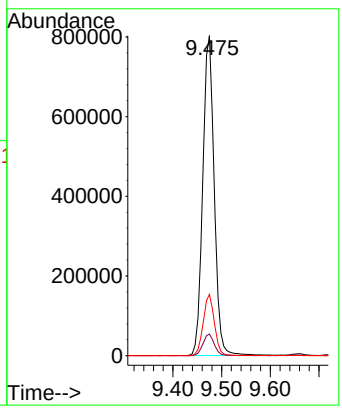


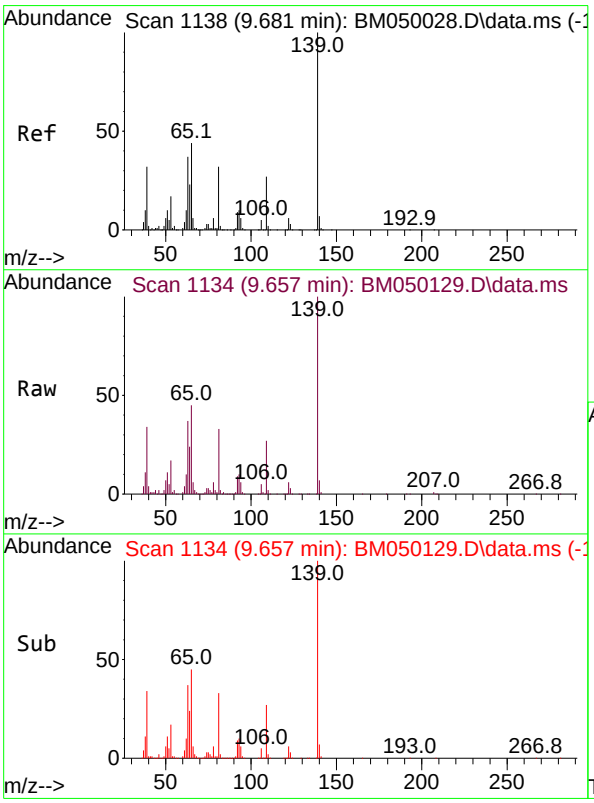
#25
Isophorone
Concen: 38.379 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1308322

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	19.1	15.5	23.3

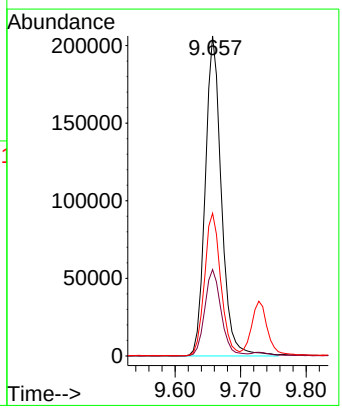


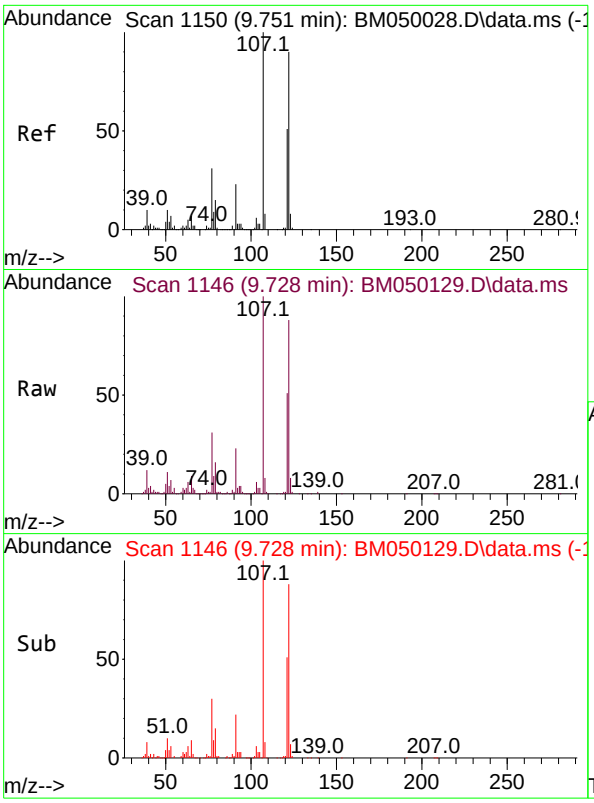


#26
2-Nitrophenol
Concen: 40.028 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:139 Resp: 353615

Ion	Ratio	Lower	Upper
139	100		
109	27.0	21.9	32.9
65	44.6	35.4	53.2



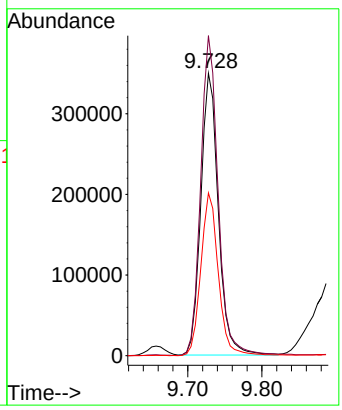


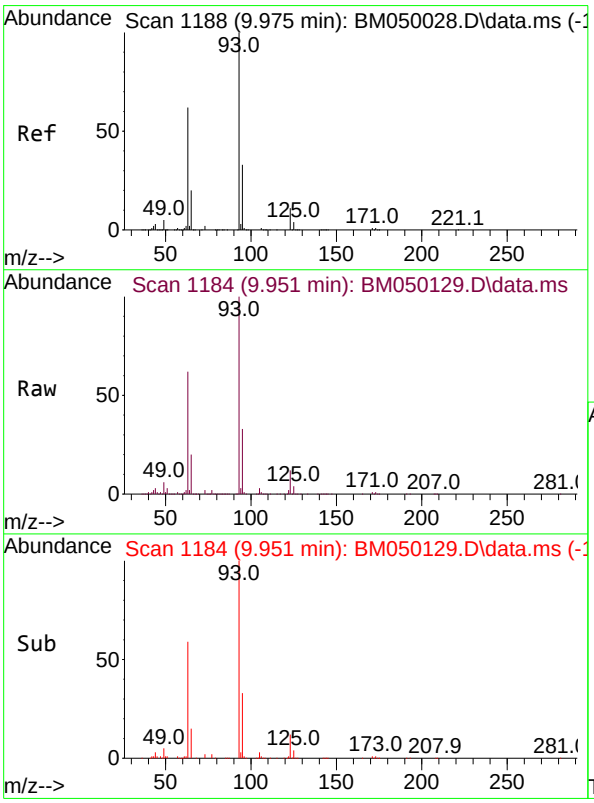
#27
2,4-Dimethylphenol
Concen: 39.146 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 573493

Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.0	133.6
121	57.6	45.6	68.4

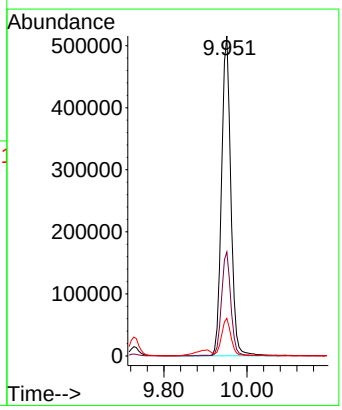


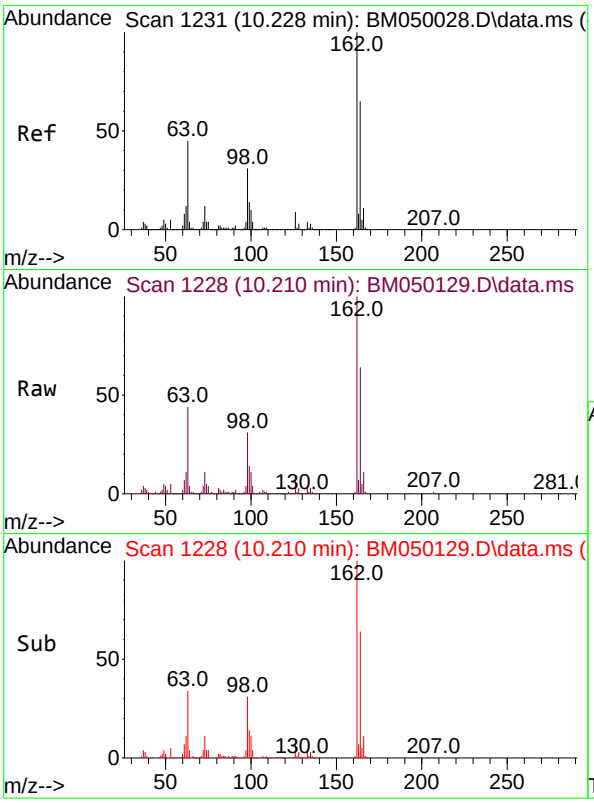


#28
bis(2-Chloroethoxy)methane
Concen: 38.093 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 93 Resp: 802616

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.1	39.1
123	11.8	9.5	14.3



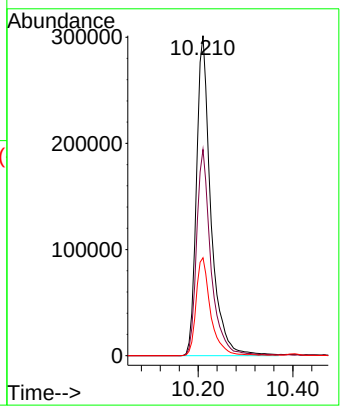


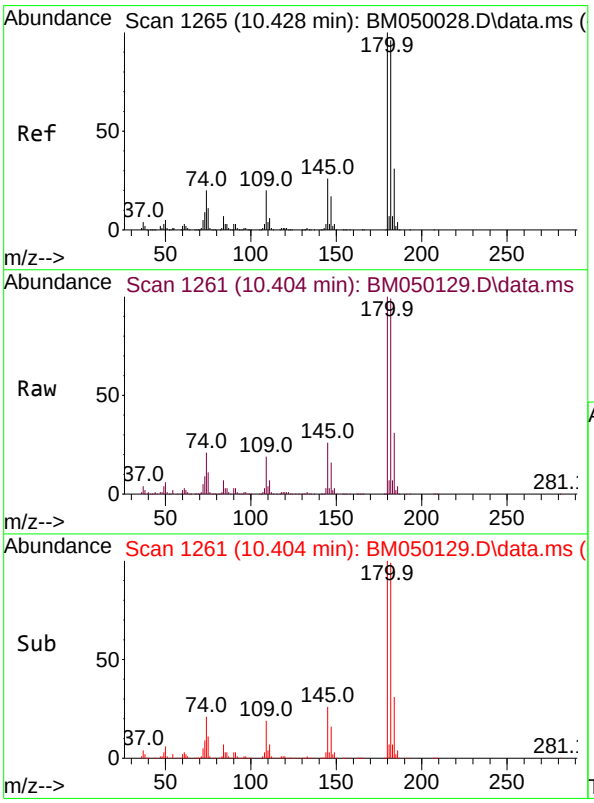
#29
2,4-Dichlorophenol
Concen: 38.777 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 636422

Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.4	85.4
98	30.6	11.3	51.3

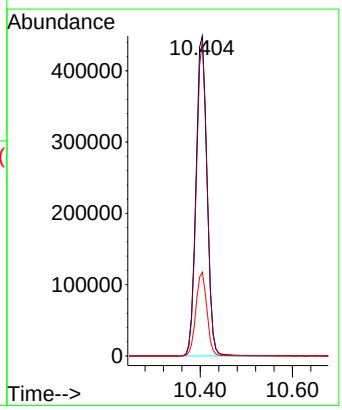


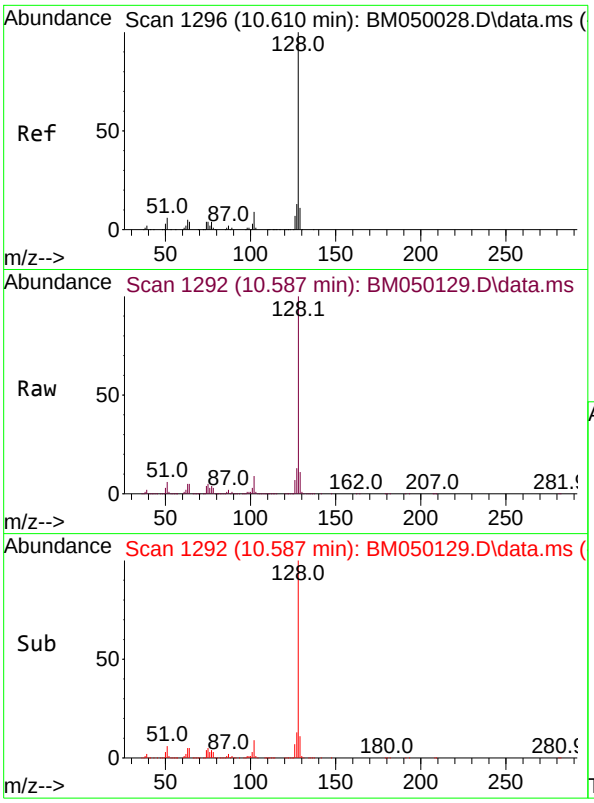


#30
1,2,4-Trichlorobenzene
Concen: 37.345 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:180 Resp: 746754

Ion	Ratio	Lower	Upper
180	100		
182	98.6	77.0	115.4
145	26.1	20.6	30.8



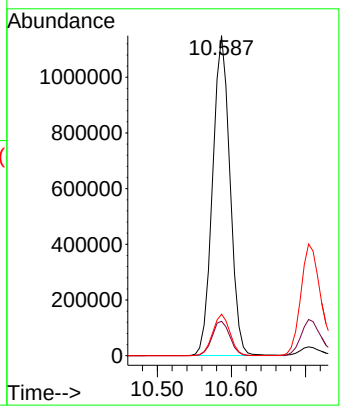


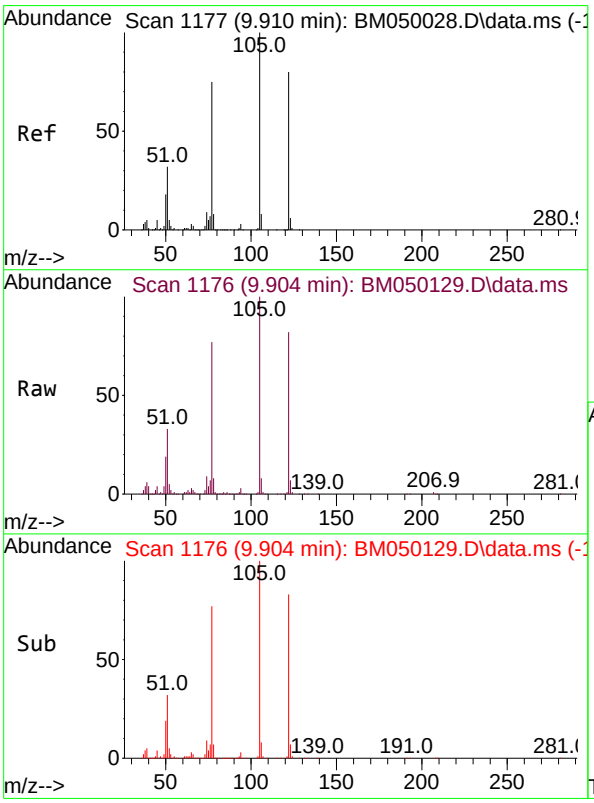
#31
Naphthalene
Concen: 37.465 ng
RT: 10.587 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1869765

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.4	15.6

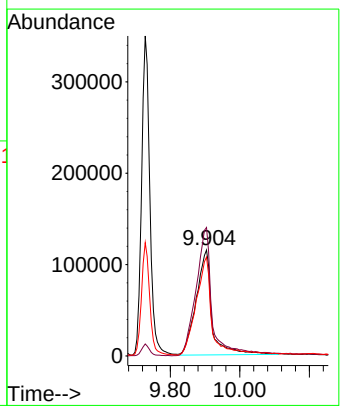


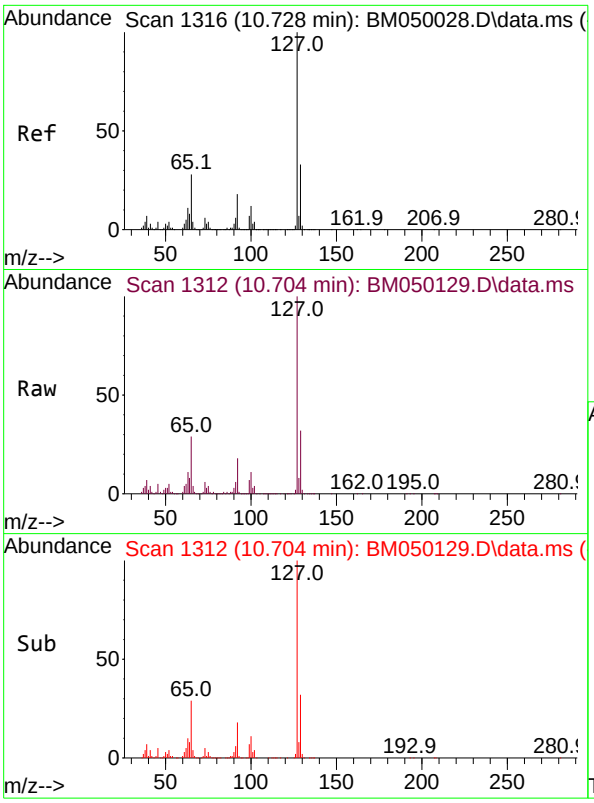


#32
Benzoic acid
Concen: 38.892 ng
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:122 Resp: 364406

Ion	Ratio	Lower	Upper
122	100		
105	121.4	103.6	143.6
77	93.4	73.7	113.7



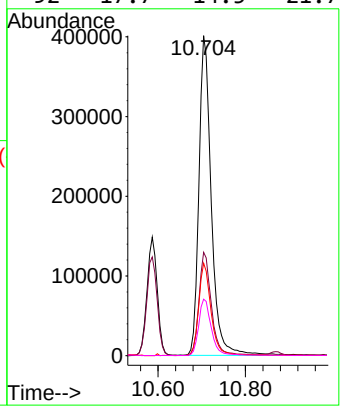


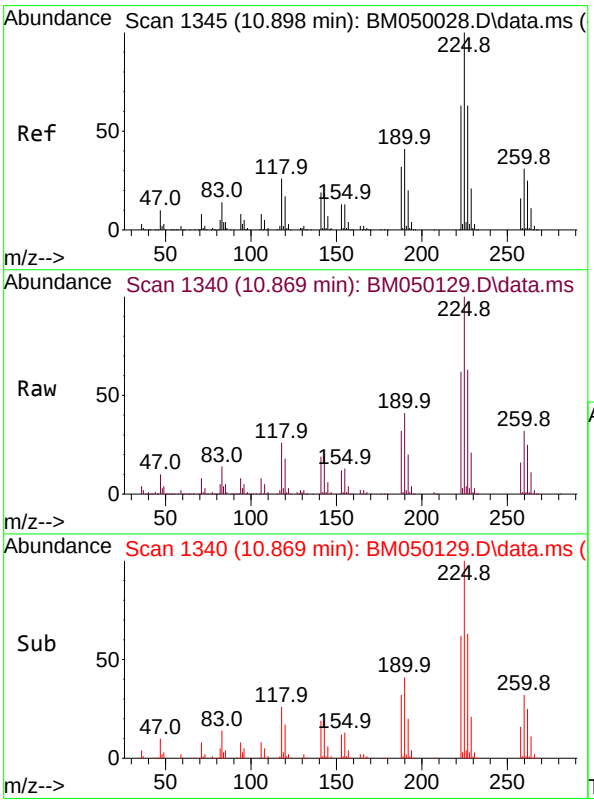
#33
4-Chloroaniline
Concen: 38.655 ng
RT: 10.704 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 790719

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.9	22.5	33.7
92	17.7	14.5	21.7

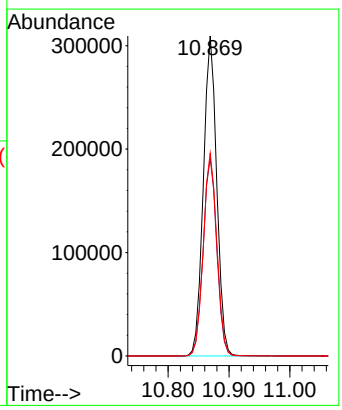


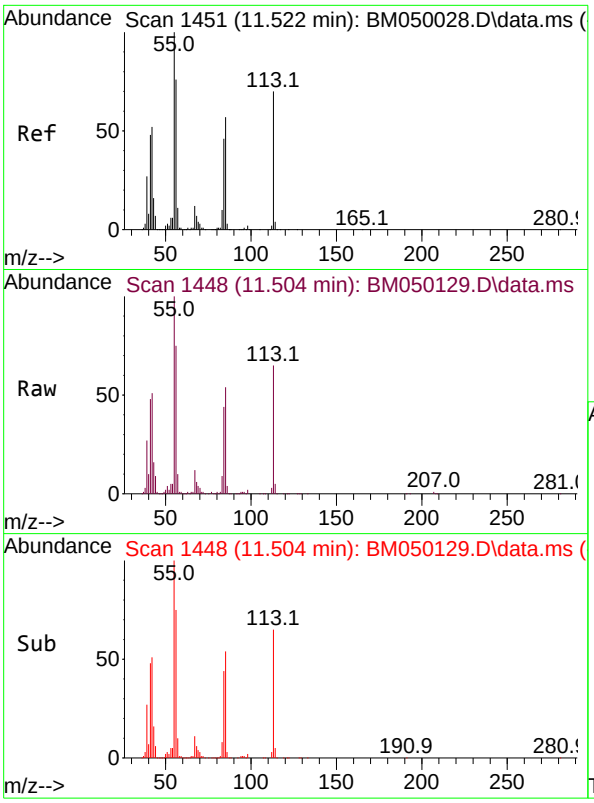


#34
Hexachlorobutadiene
Concen: 37.153 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:225 Resp: 471584

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.2	75.2
227	63.4	50.6	76.0



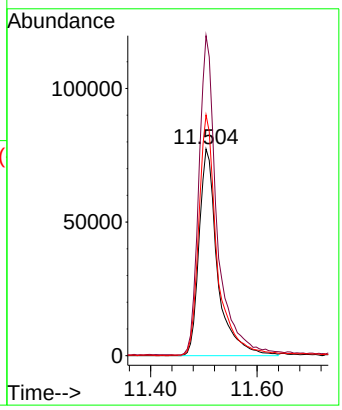


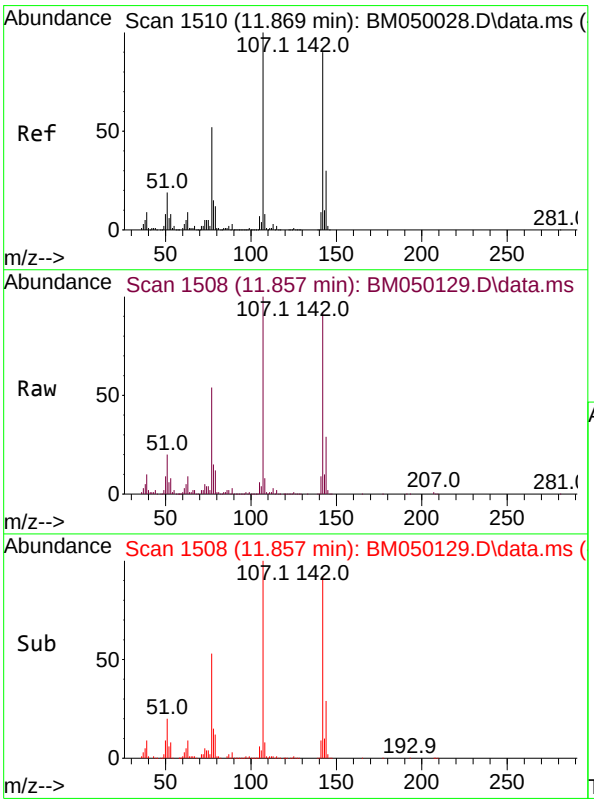
#35
Caprolactam
Concen: 38.907 ng
RT: 11.504 min Scan# 14
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 186188

Ion	Ratio	Lower	Upper
113	100		
55	154.8	122.9	162.9
56	116.5	88.1	128.1

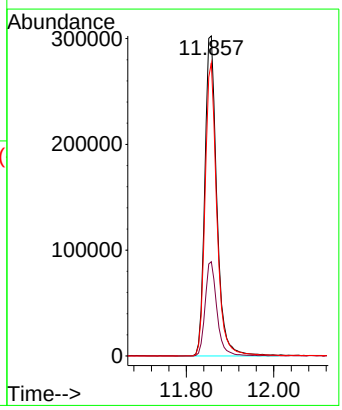


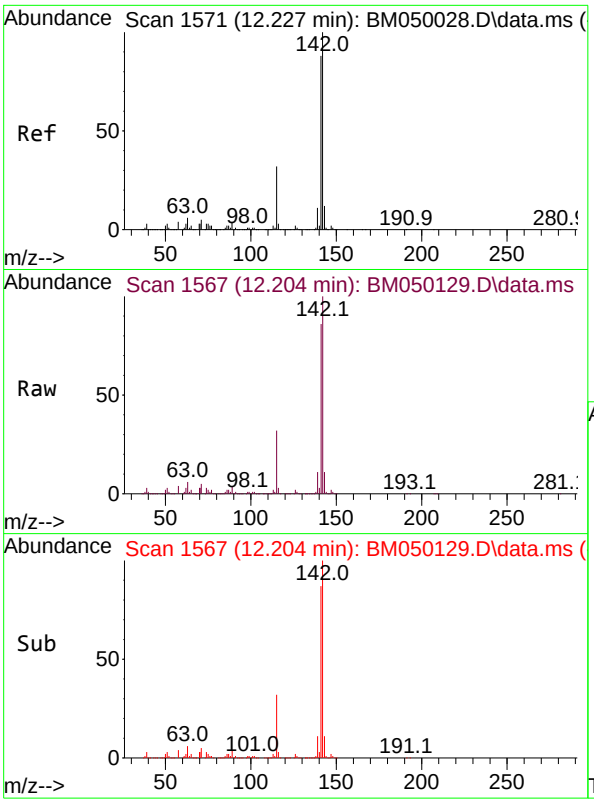


#36
4-Chloro-3-methylphenol
Concen: 38.219 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:107 Resp: 579525

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.8	35.6
142	91.6	71.9	107.9



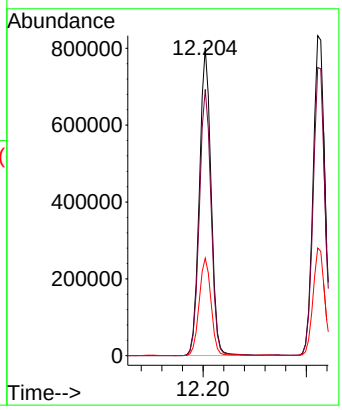


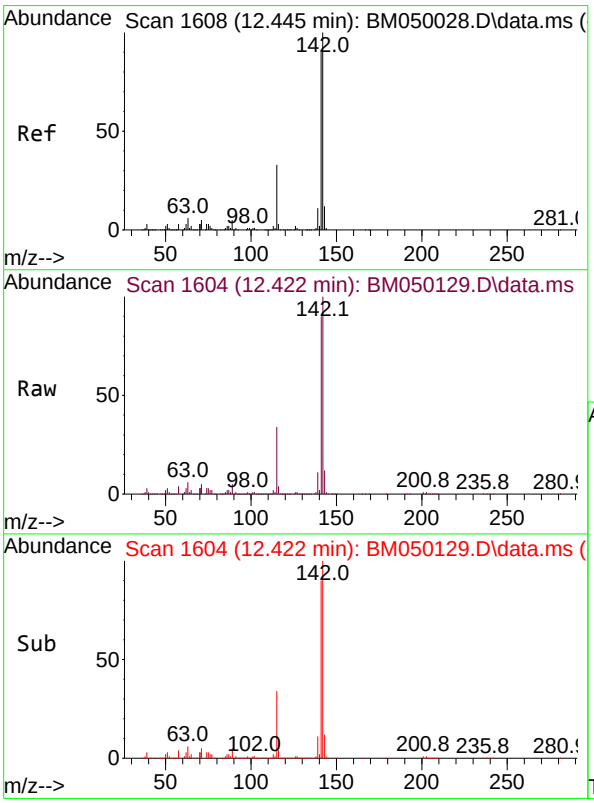
#37
2-Methylnaphthalene
Concen: 37.483 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1254166

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.4	105.6
115	31.6	25.4	38.2

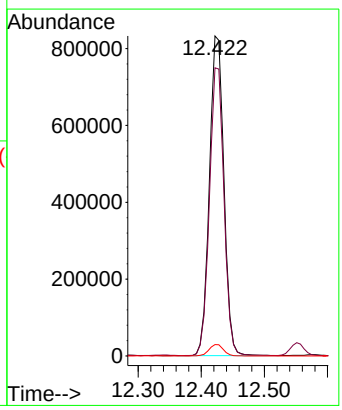


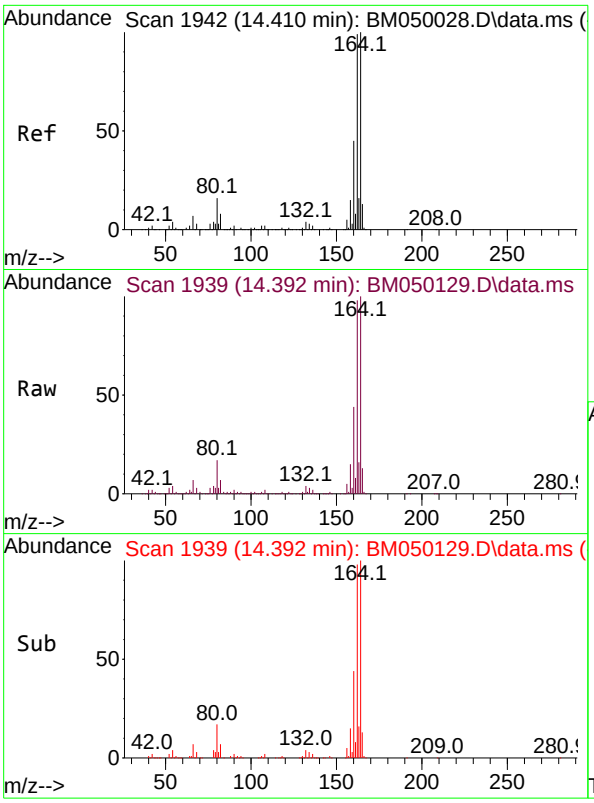


#38
1-Methylnaphthalene
Concen: 37.416 ng
RT: 12.422 min Scan# 1604
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:142 Resp: 1324896

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.1	108.1
116	3.6	2.7	4.1



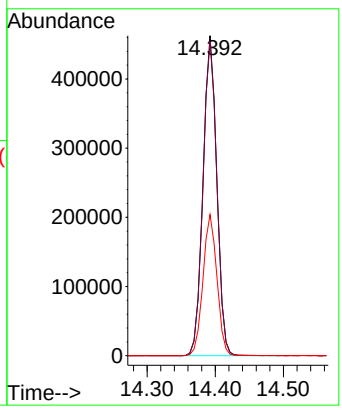


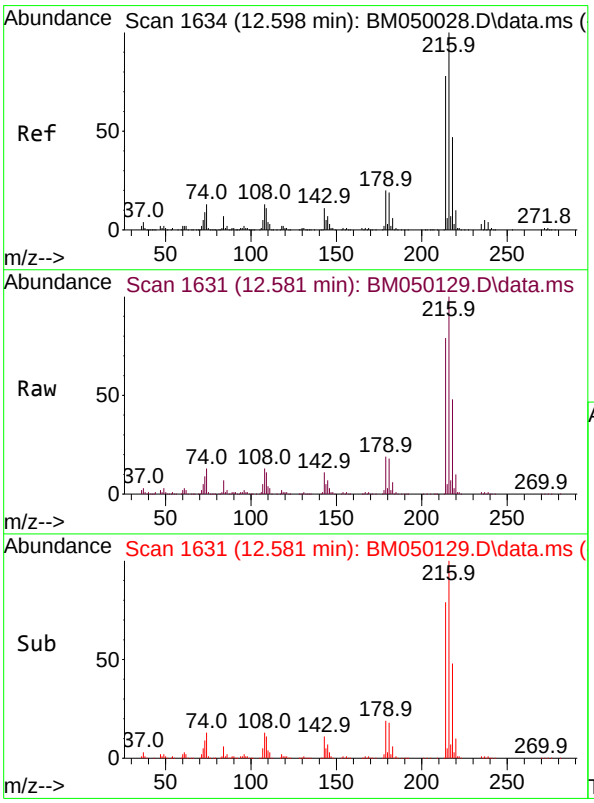
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 648787

Ion	Ratio	Lower	Upper
164	100		
162	98.2	79.4	119.0
160	44.1	36.2	54.4

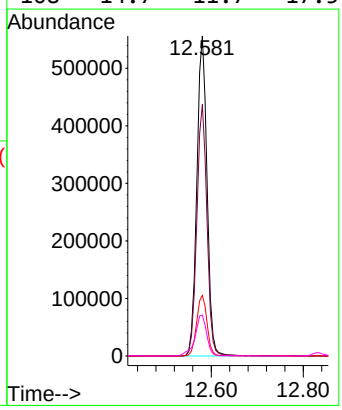


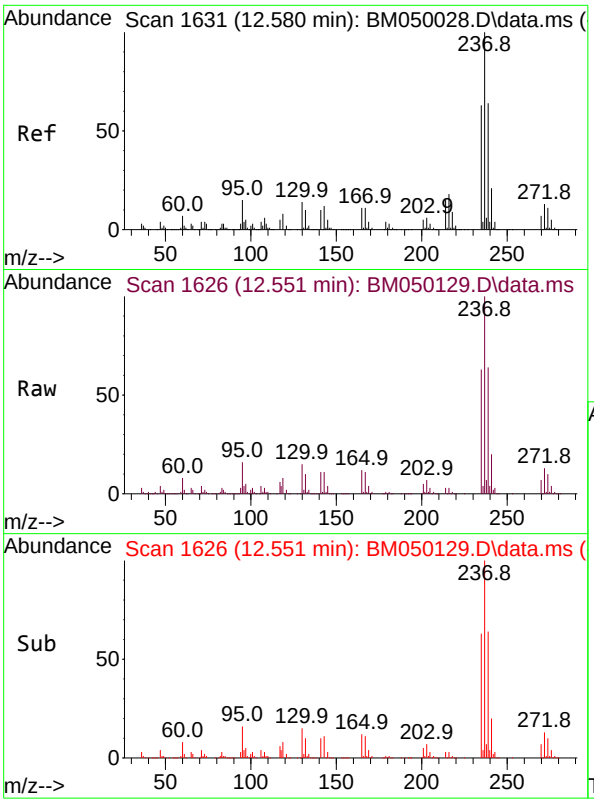


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.962 ng
RT: 12.581 min Scan# 1631
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:216 Resp: 852610

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.4	15.4	23.0
108	14.7	11.7	17.5



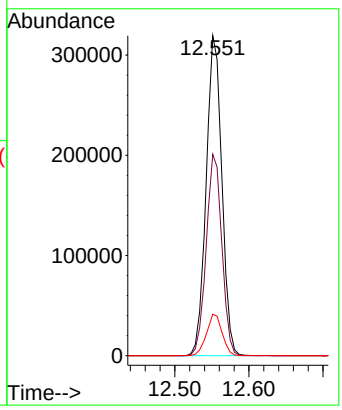


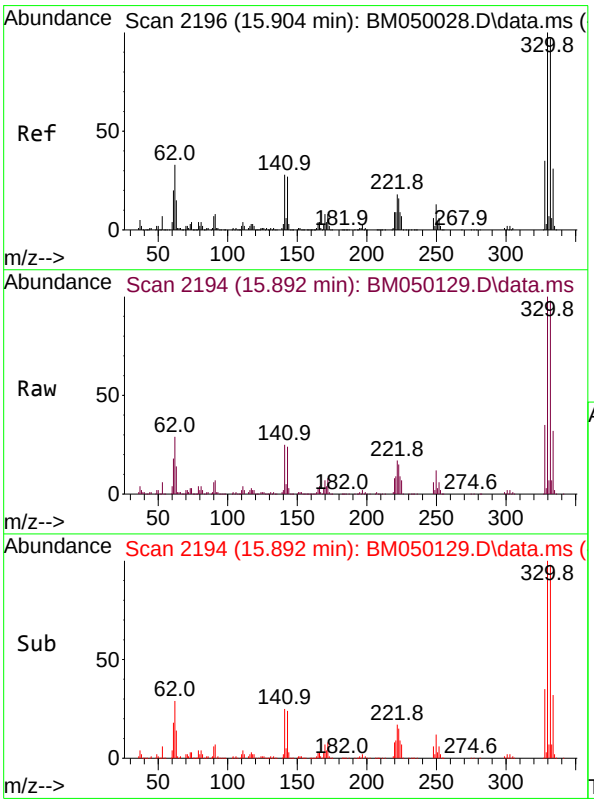
#41
Hexachlorocyclopentadiene
Concen: 34.123 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 468351

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	13.0	0.0	32.9

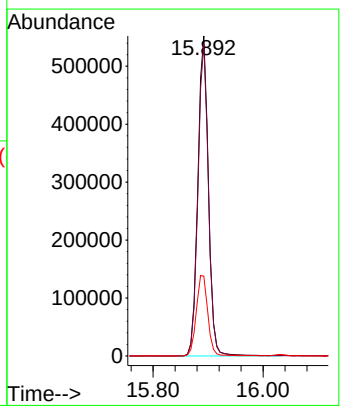


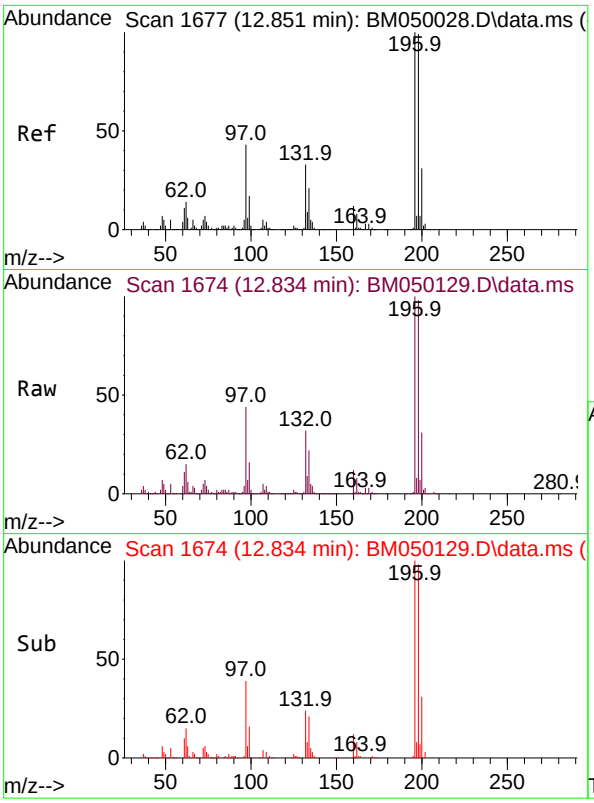


#42
2,4,6-Tribromophenol
Concen: 77.152 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:330 Resp: 740128

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.4	22.5	33.7



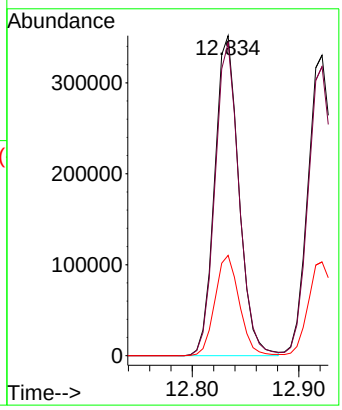


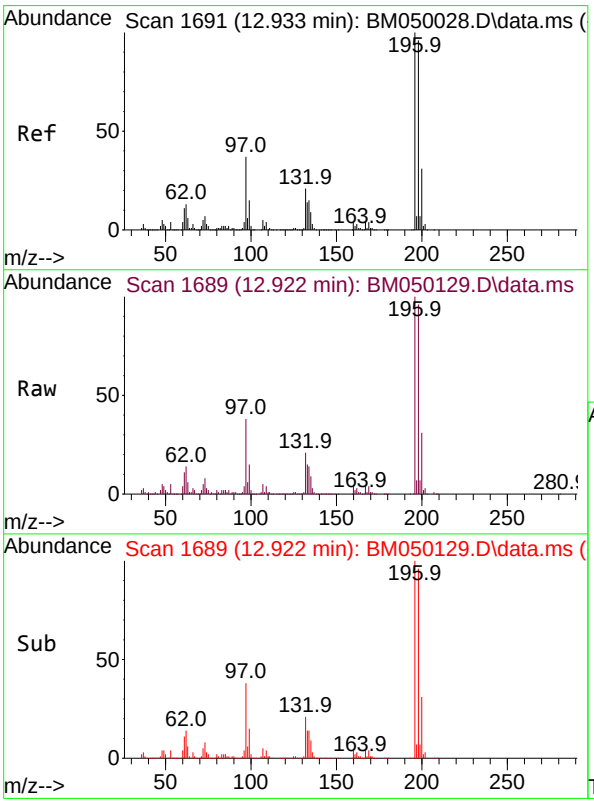
#43
2,4,6-Trichlorophenol
Concen: 39.025 ng
RT: 12.834 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 555916

Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.0	118.6
200	31.4	25.1	37.7

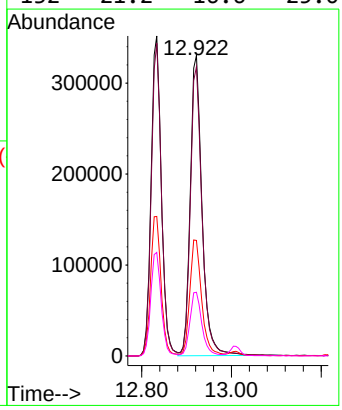


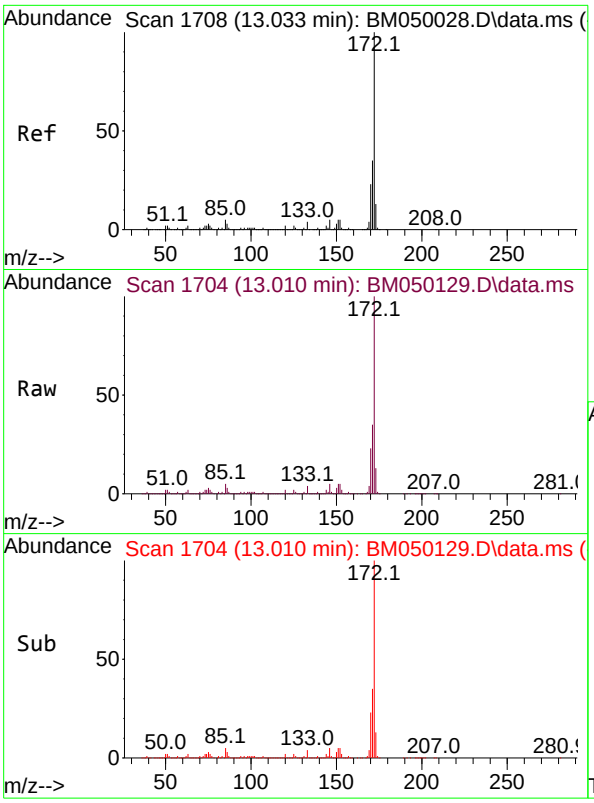


#44
2,4,5-Trichlorophenol
Concen: 39.223 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:196 Resp: 602516

Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.7	115.1
97	38.4	30.1	45.1
132	21.2	16.6	25.0



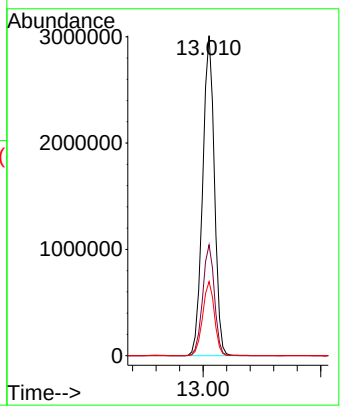


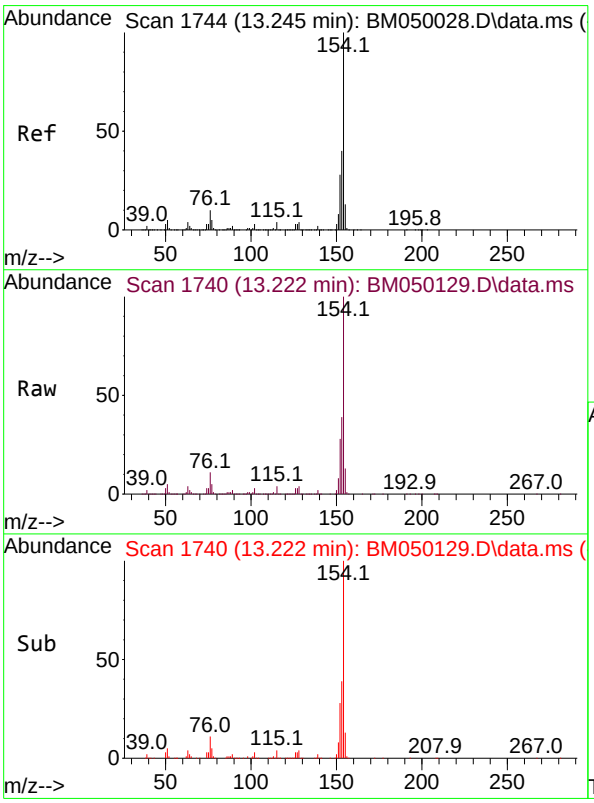
#45
2-Fluorobiphenyl
Concen: 76.285 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 4183725

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.1	18.6	28.0

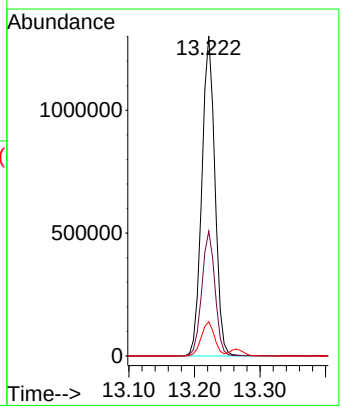


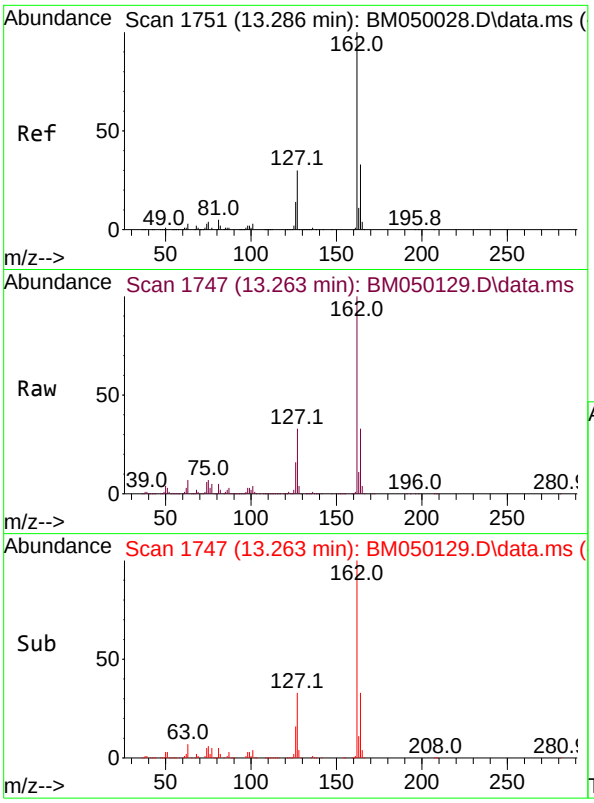


#46
1,1'-Biphenyl
Concen: 37.665 ng
RT: 13.222 min Scan# 1740
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:154 Resp: 1816474

Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.0	60.0
76	10.7	0.0	30.3



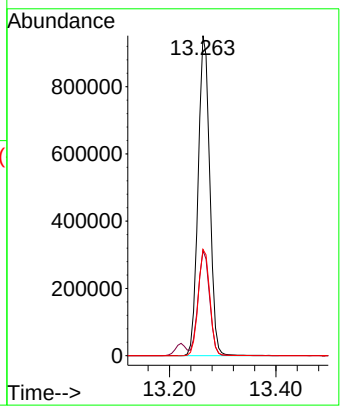


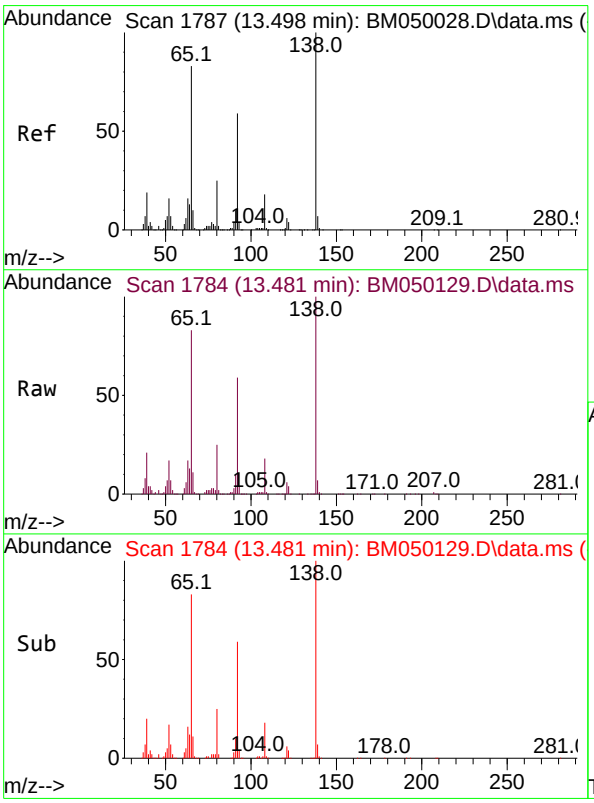
#47
2-Chloronaphthalene
Concen: 37.681 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1439265

Ion	Ratio	Lower	Upper
162	100		
127	32.8	25.9	38.9
164	33.2	26.6	40.0

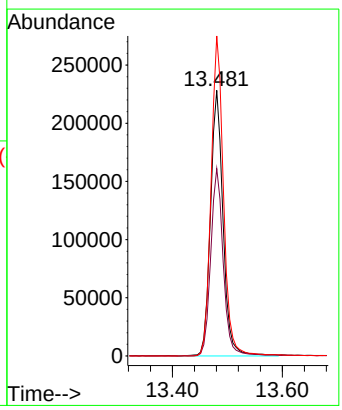


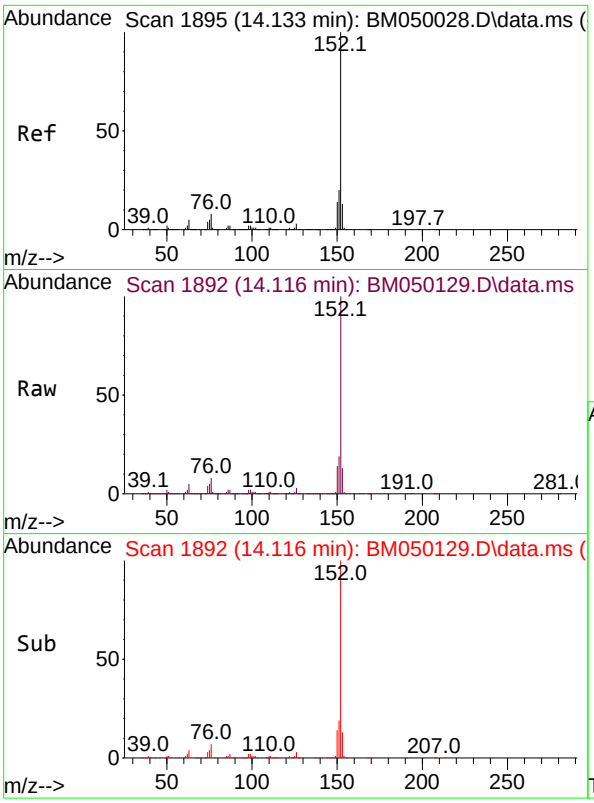


#48
2-Nitroaniline
Concen: 40.448 ng
RT: 13.481 min Scan# 1784
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion: 65 Resp: 362607

Ion	Ratio	Lower	Upper
65	100		
92	70.6	57.1	85.7
138	120.5	97.0	145.4



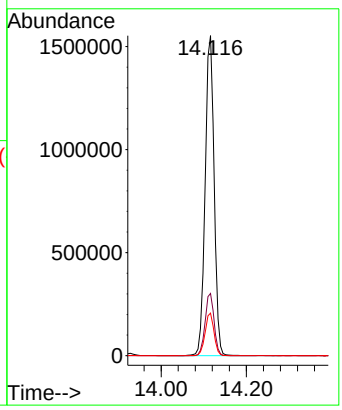


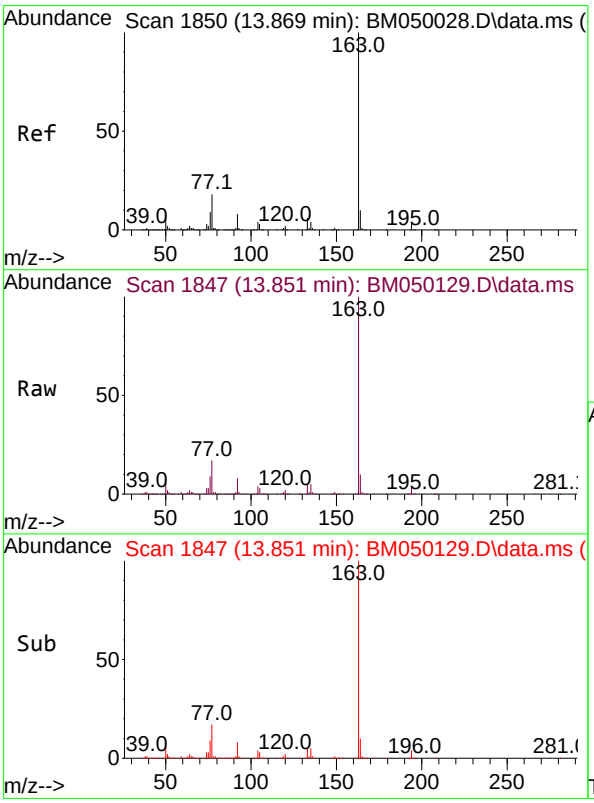
#49
Acenaphthylene
Concen: 37.758 ng
RT: 14.116 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 2273946

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.3	10.6	15.8

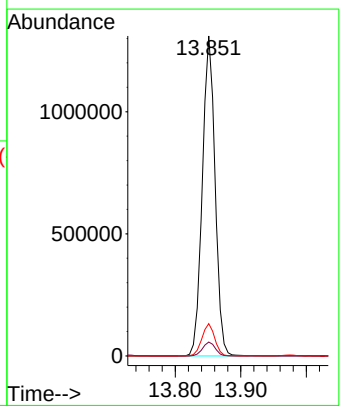


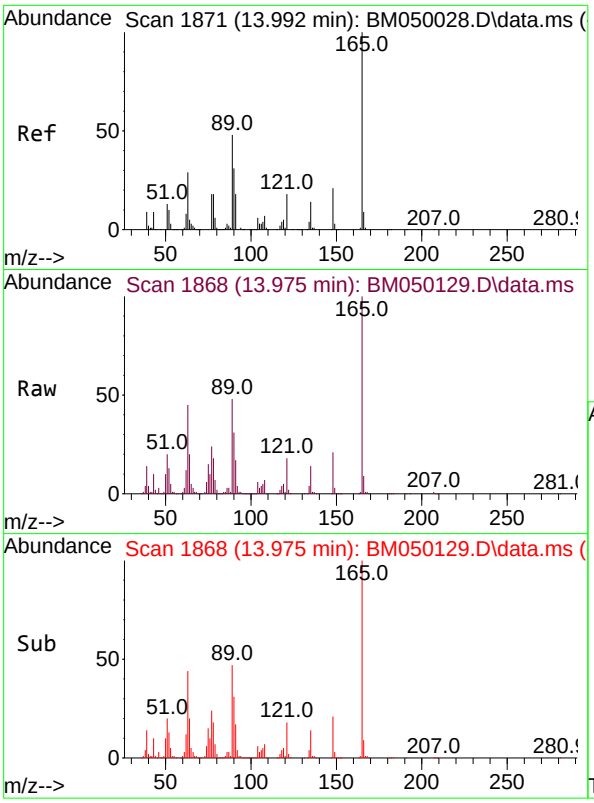


#50
Dimethylphthalate
Concen: 37.481 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:163 Resp: 1777120

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.2	12.2



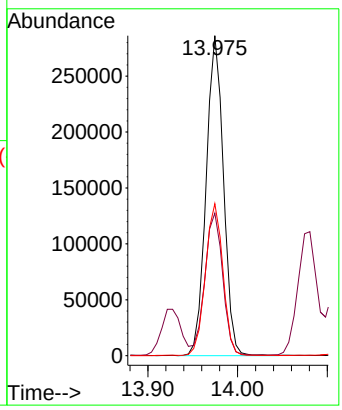


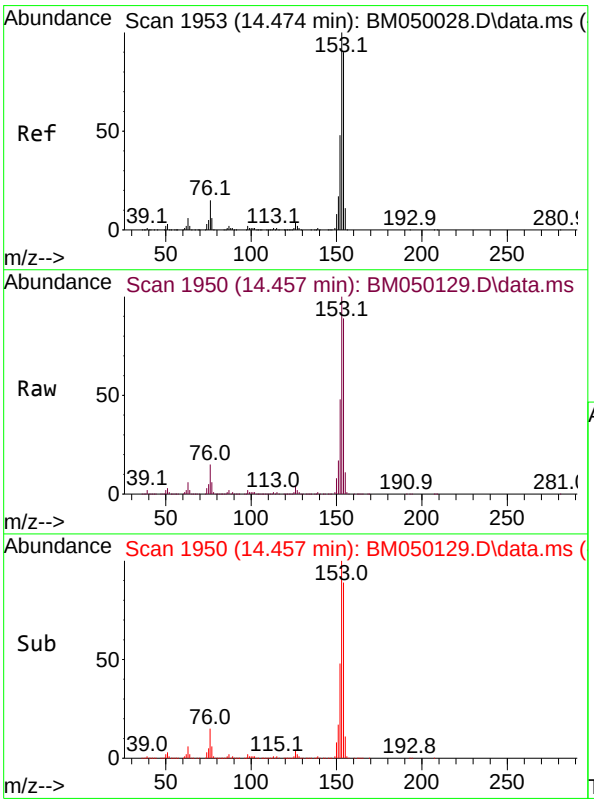
#51
2,6-Dinitrotoluene
Concen: 39.202 ng
RT: 13.975 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 384842

Ion	Ratio	Lower	Upper
165	100		
63	44.6	35.1	52.7
89	47.5	38.4	57.6

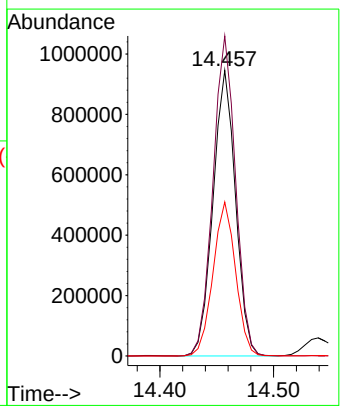


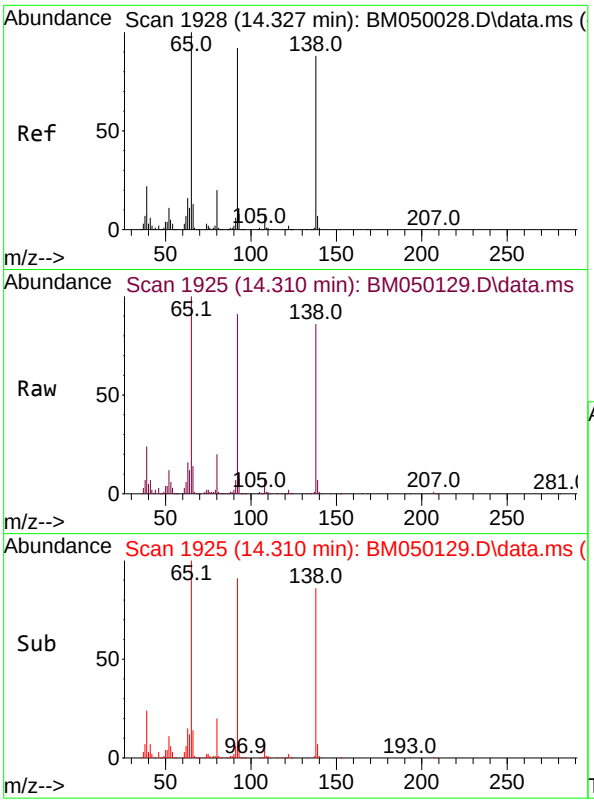


#52
Acenaphthene
Concen: 37.437 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:154 Resp: 1305026

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.0	133.4
152	53.9	43.0	64.6



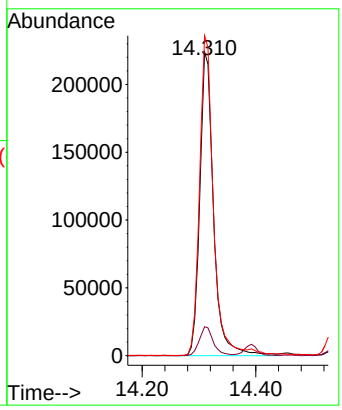


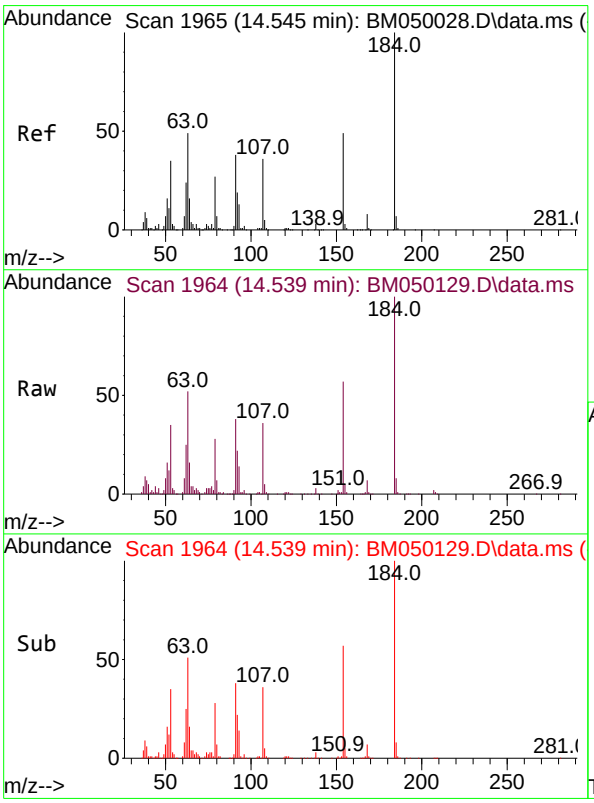
#53
3-Nitroaniline
Concen: 40.213 ng
RT: 14.310 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 376890

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.2
92	105.5	84.0	126.0

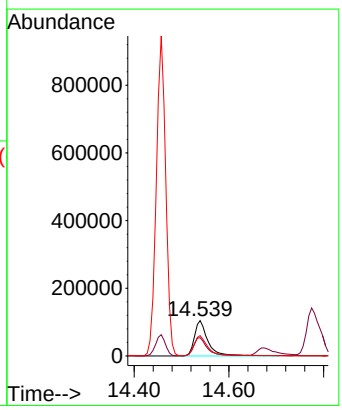


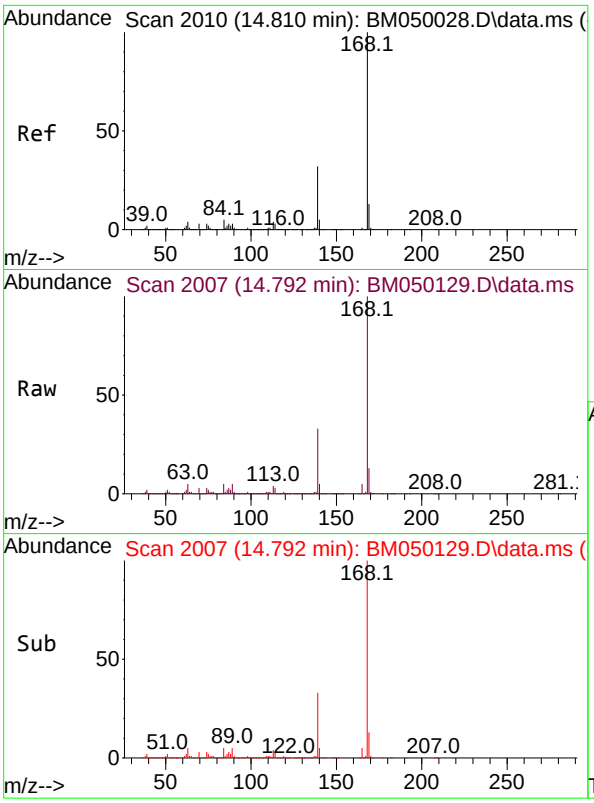


#54
2,4-Dinitrophenol
Concen: 36.439 ng
RT: 14.539 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:184 Resp: 207759

Ion	Ratio	Lower	Upper
184	100		
63	51.7	39.8	59.6
154	57.4	46.1	69.1



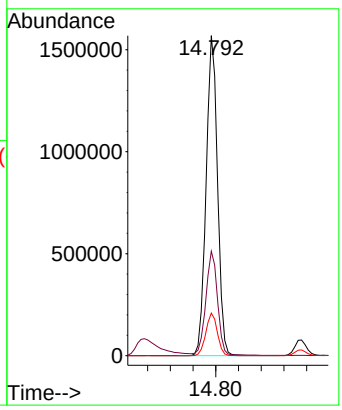


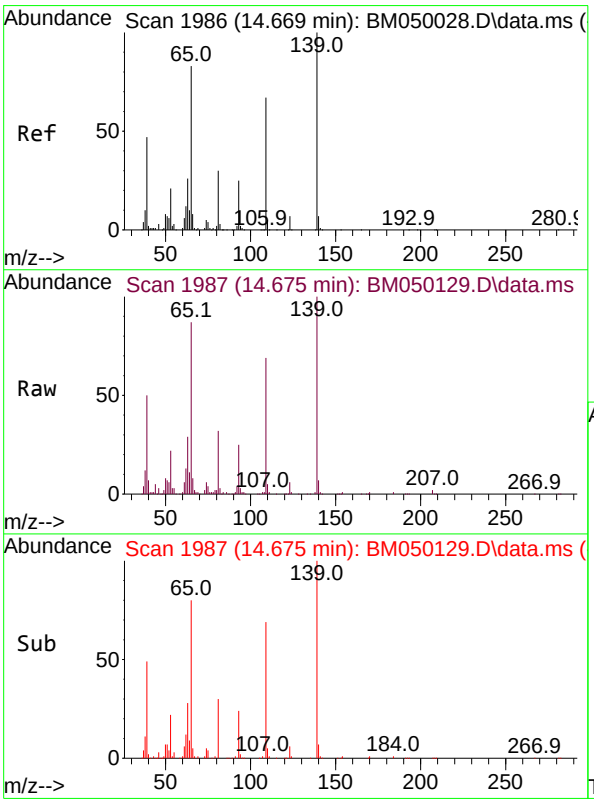
#55
Dibenzofuran
Concen: 37.462 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2172737

Ion	Ratio	Lower	Upper
168	100		
139	32.6	26.1	39.1
169	13.3	10.8	16.2

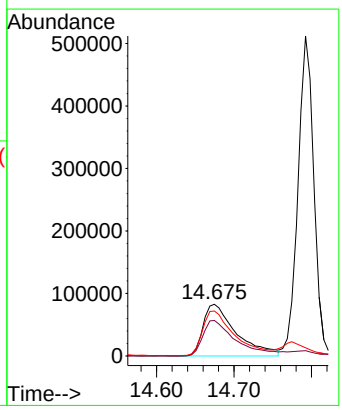


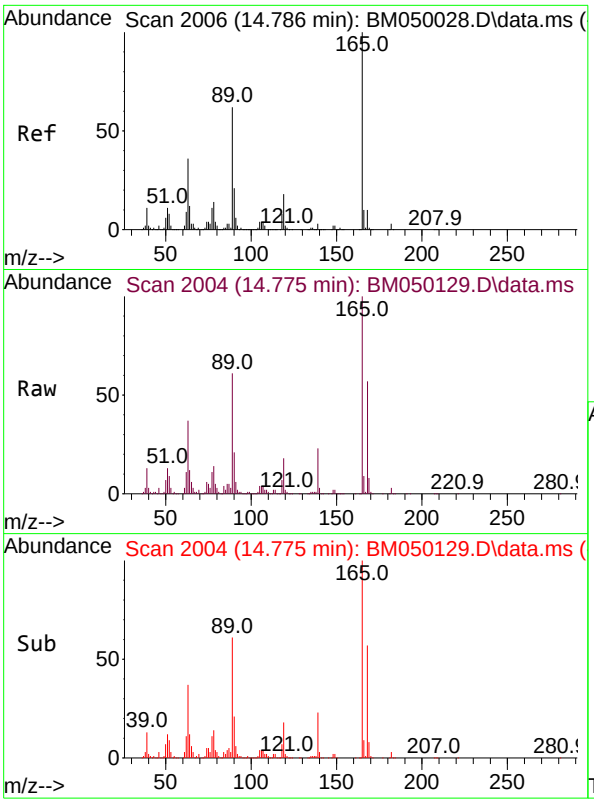


#56
4-Nitrophenol
Concen: 34.800 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.006 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:139 Resp: 244642

Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.0	87.0
65	86.8	64.3	104.3



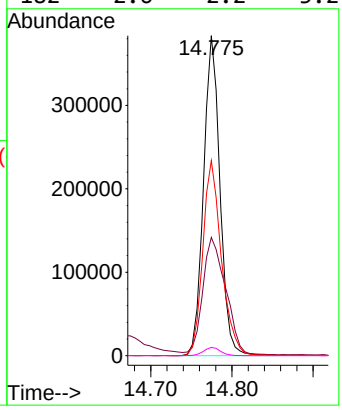


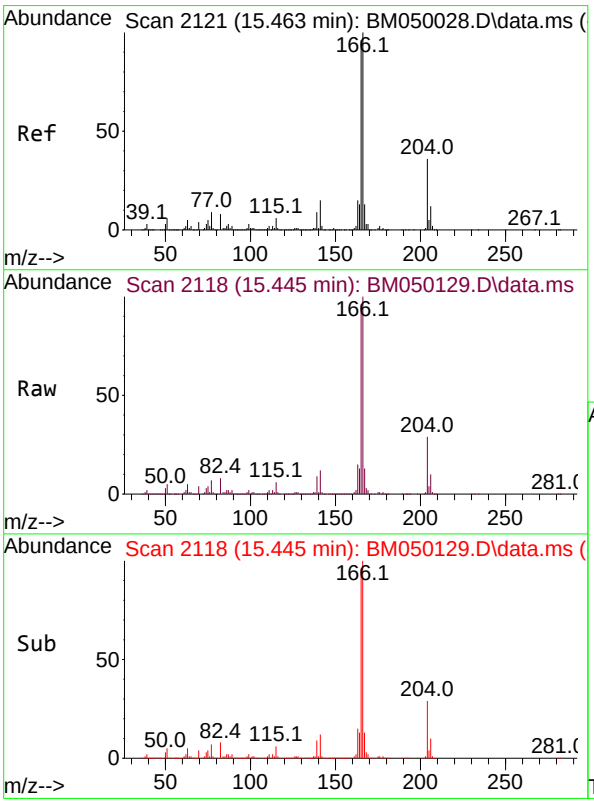
#57
2,4-Dinitrotoluene
Concen: 39.653 ng
RT: 14.775 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 537890

Ion	Ratio	Lower	Upper
165	100		
63	36.9	29.0	43.6
89	60.9	49.4	74.2
182	2.6	2.2	3.2

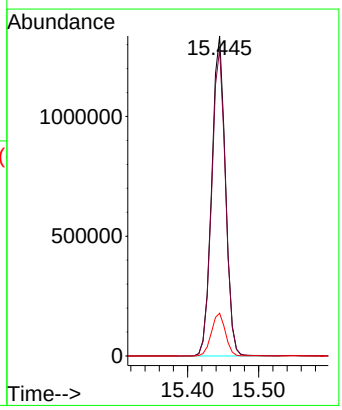


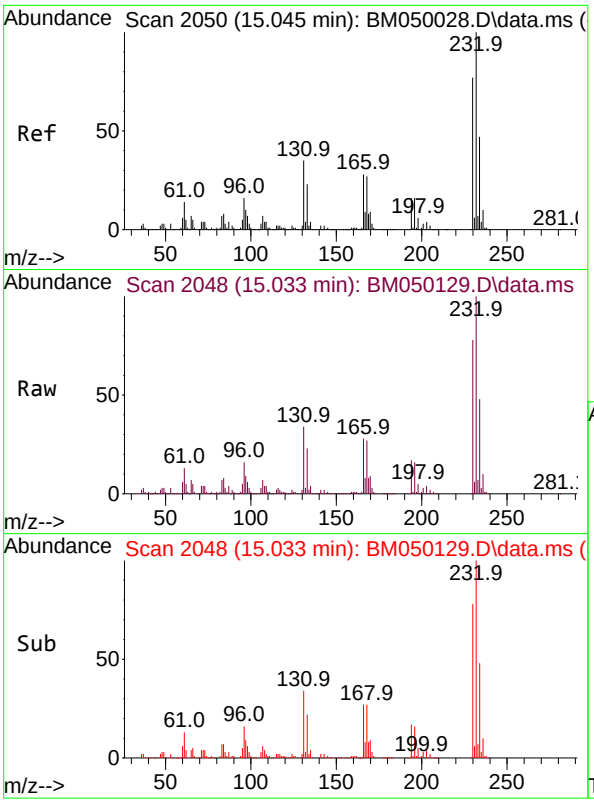


#58
Fluorene
Concen: 37.662 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:166 Resp: 1787962

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.6	115.0
167	13.4	10.6	16.0



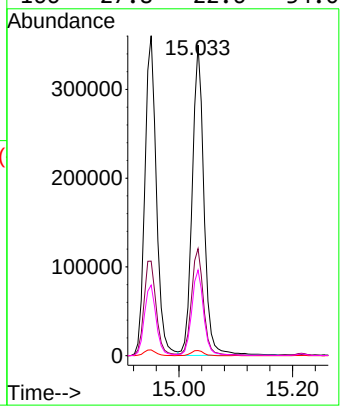


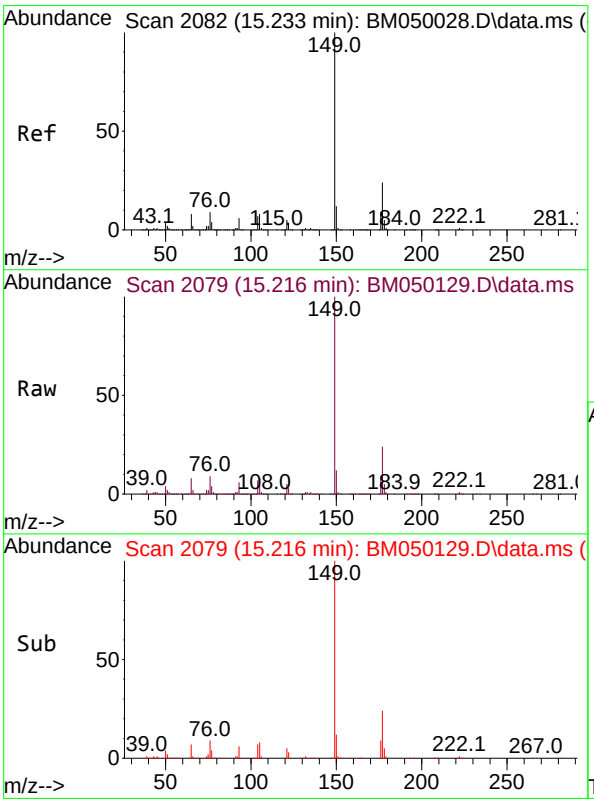
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.896 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 503890

Ion	Ratio	Lower	Upper
232	100		
131	35.6	28.2	42.4
130	1.8	1.5	2.3
166	27.8	22.6	34.0

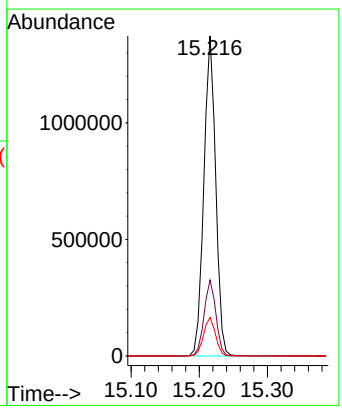


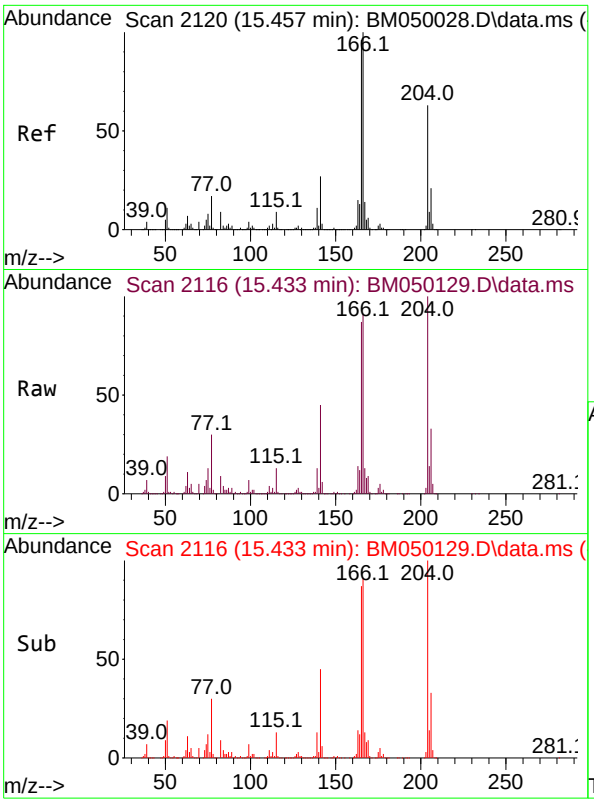


#60
Diethylphthalate
Concen: 37.127 ng
RT: 15.216 min Scan# 2079
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1658728

Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	12.1	9.6	14.4



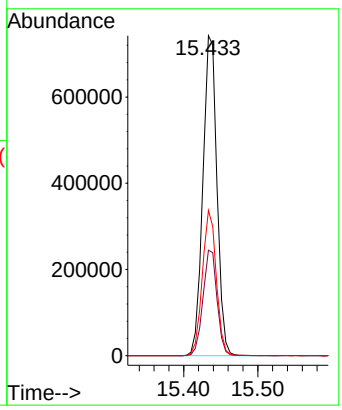


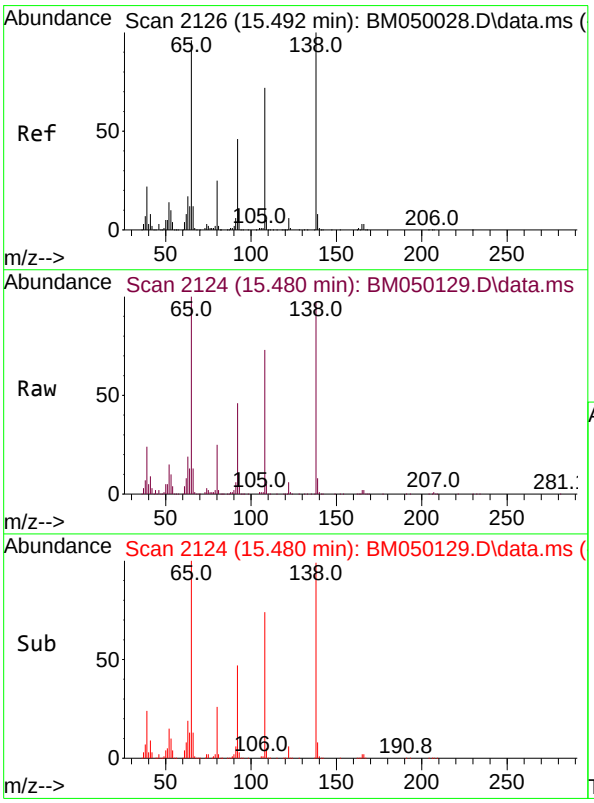
#61
4-Chlorophenyl-phenylether
Concen: 37.553 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 979216

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	45.4	34.0	51.0

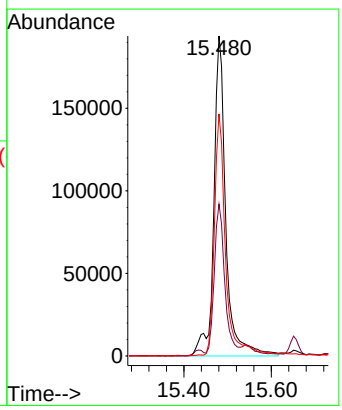


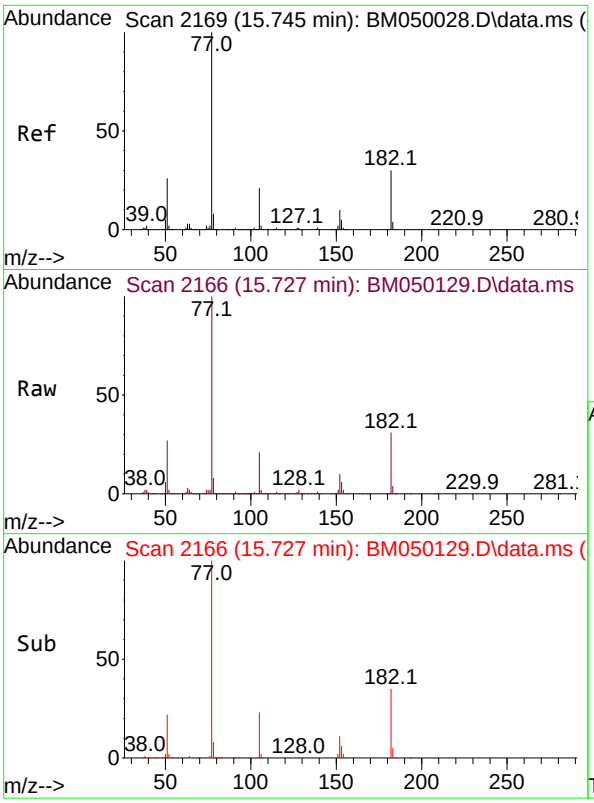


#62
4-Nitroaniline
Concen: 40.776 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:138 Resp: 368722

Ion	Ratio	Lower	Upper
138	100		
92	47.4	25.9	65.9
108	75.6	52.4	92.4



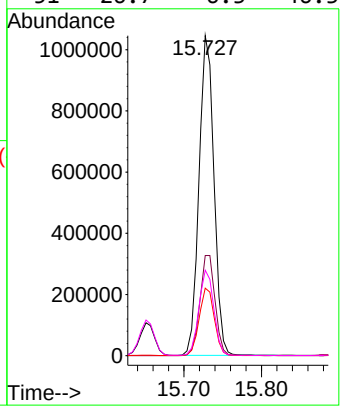


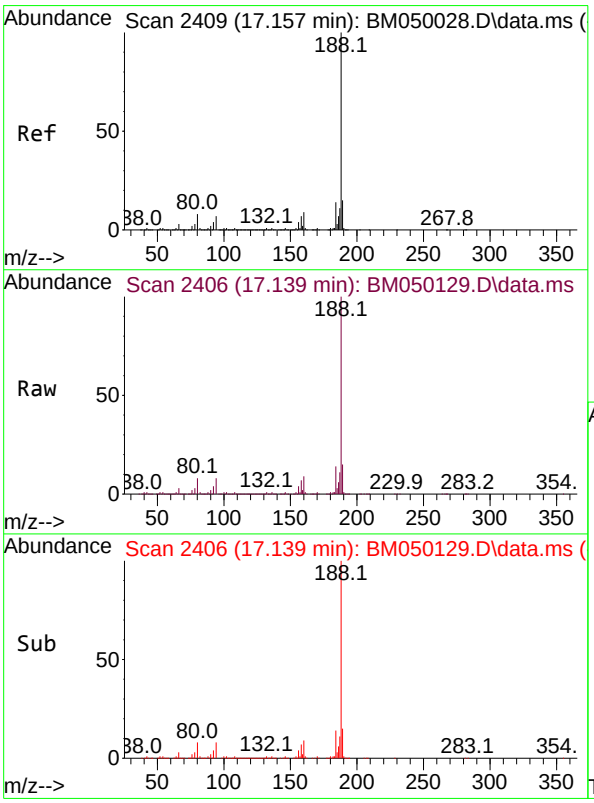
#63
Azobenzene
Concen: 37.357 ng
RT: 15.727 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1398756

Ion	Ratio	Lower	Upper
77	100		
182	31.3	10.5	50.5
105	21.1	1.1	41.1
51	26.7	6.3	46.3

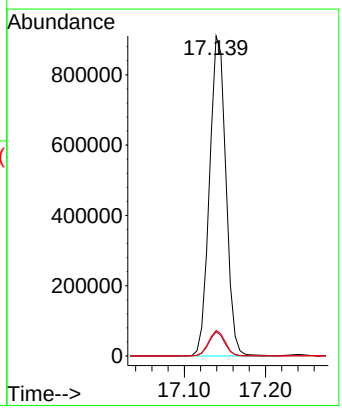


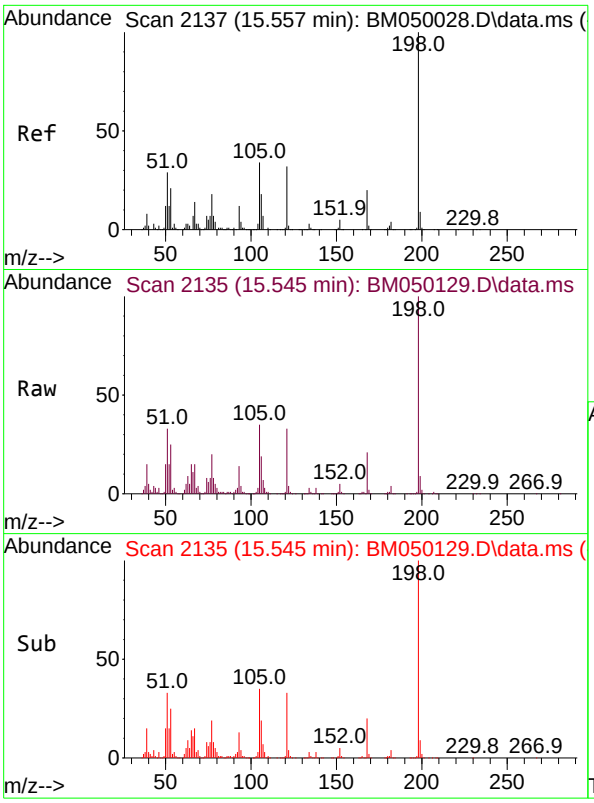


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:188 Resp: 1276061

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.0	6.2	9.4



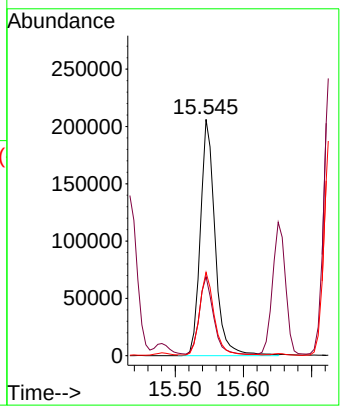


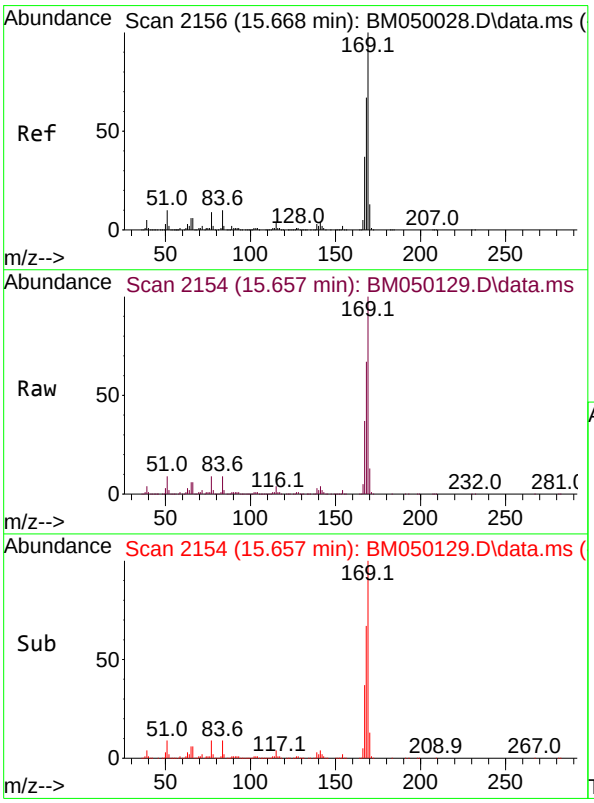
#65
4,6-Dinitro-2-methylphenol
Concen: 38.782 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 309774

Ion	Ratio	Lower	Upper
198	100		
51	33.4	10.4	50.4
105	35.3	14.6	54.6

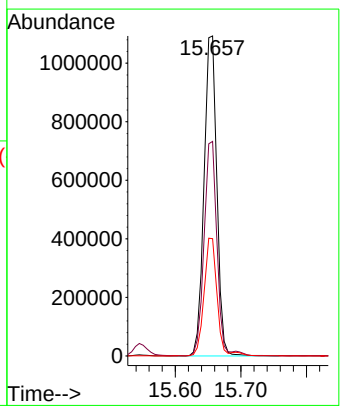


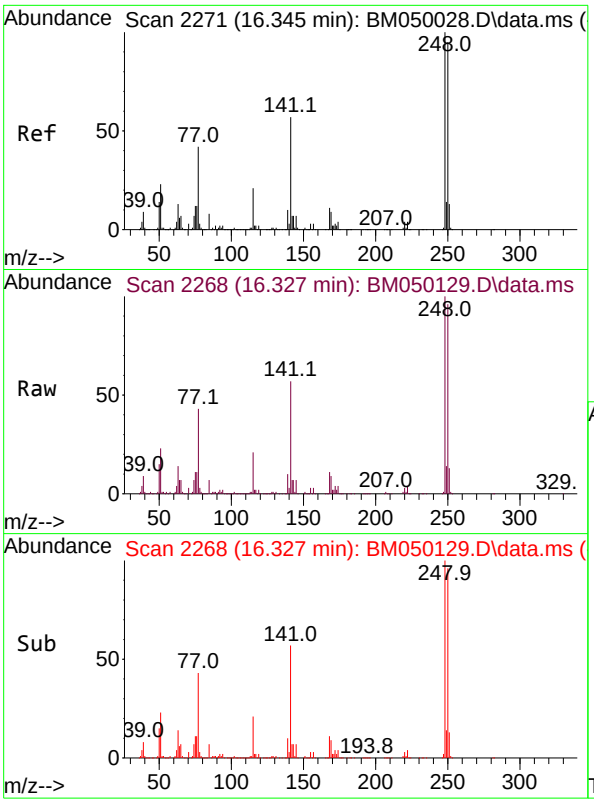


#66
n-Nitrosodiphenylamine
Concen: 37.972 ng
RT: 15.657 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:169 Resp: 1487921

Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.4	80.2
167	36.7	29.4	44.0



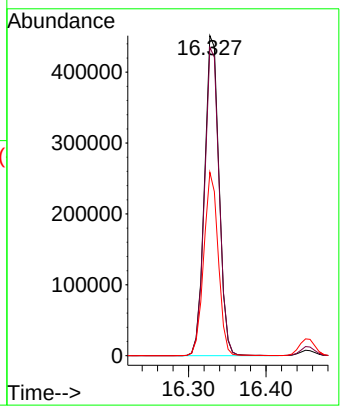


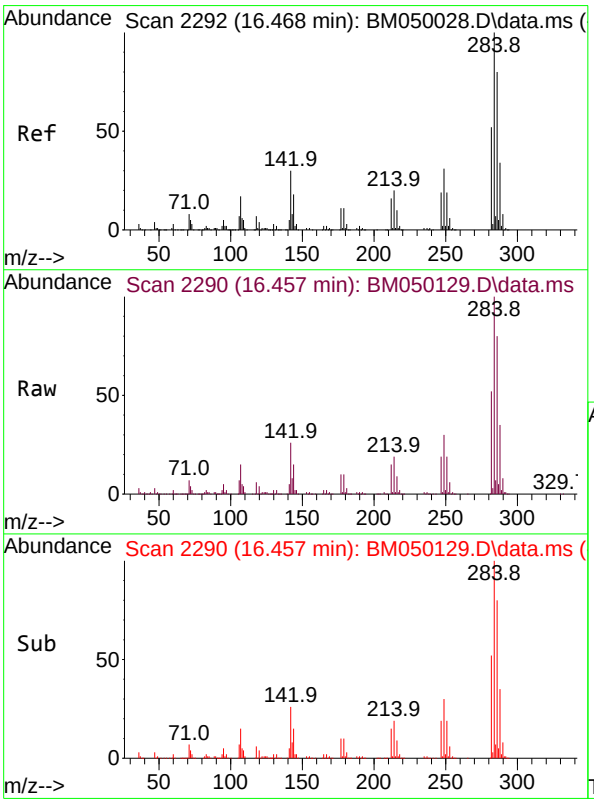
#67
4-Bromophenyl-phenylether
Concen: 38.030 ng
RT: 16.327 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 586846

Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.2	114.2
141	57.3	45.9	68.9

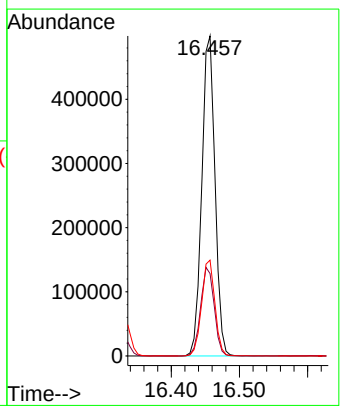


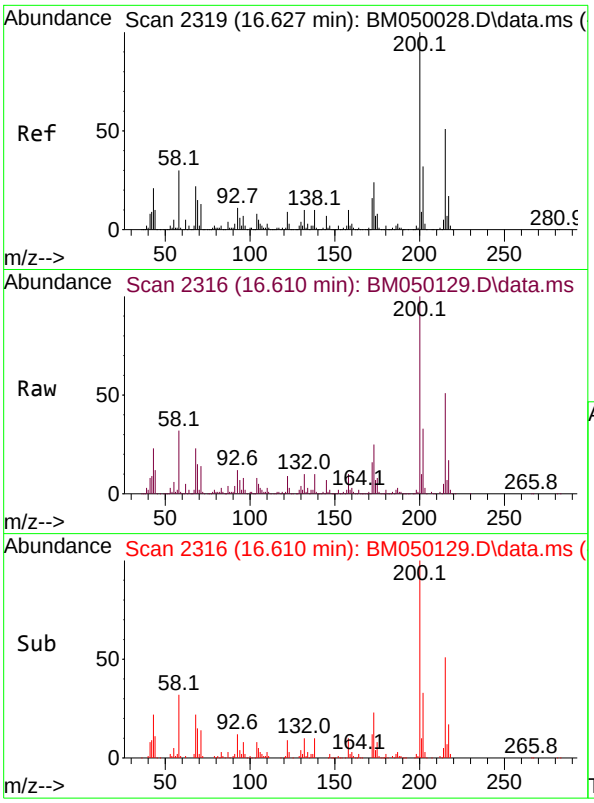


#68
Hexachlorobenzene
Concen: 37.749 ng
RT: 16.457 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:284 Resp: 671453

Ion	Ratio	Lower	Upper
284	100		
142	25.7	23.9	35.9
249	29.9	24.5	36.7



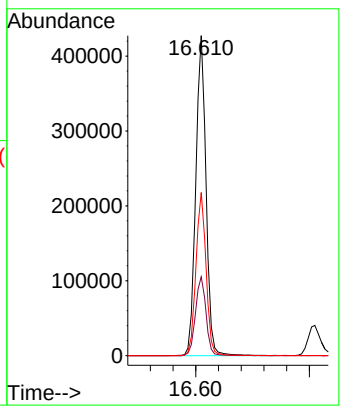


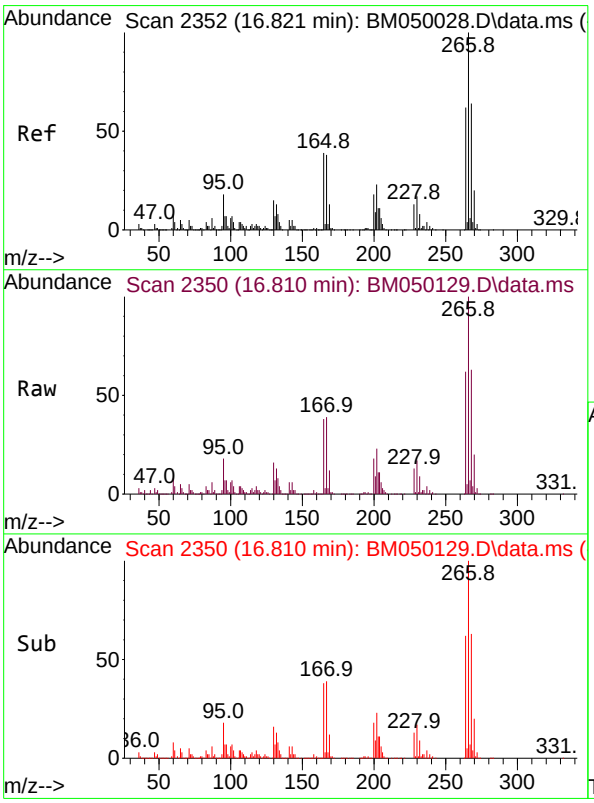
#69
Atrazine
Concen: 38.139 ng
RT: 16.610 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 539064

Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.3	44.3
215	51.0	30.6	70.6

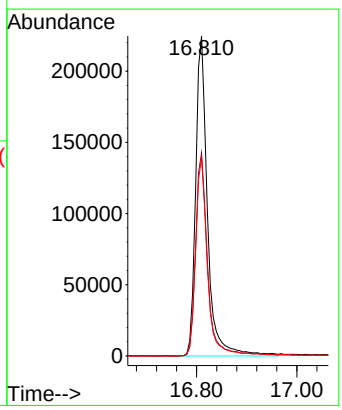


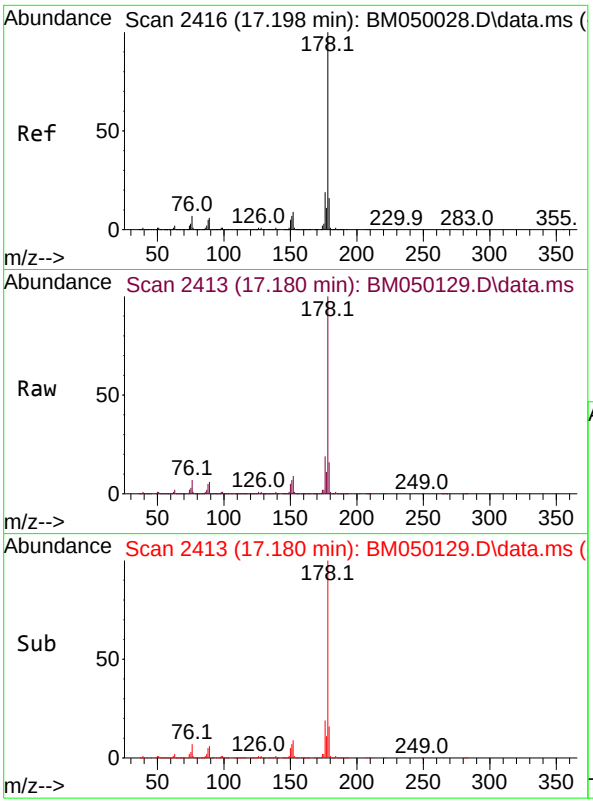


#70
Pentachlorophenol
Concen: 36.772 ng
RT: 16.810 min Scan# 2350
Delta R.T. -0.011 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:266 Resp: 368173

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.2	76.8
264	61.9	49.6	74.4



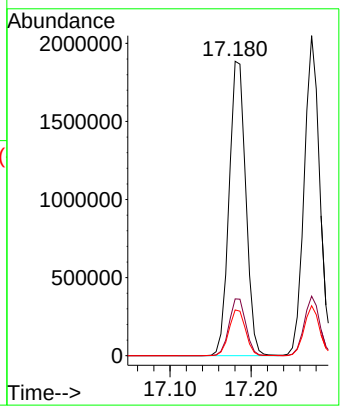


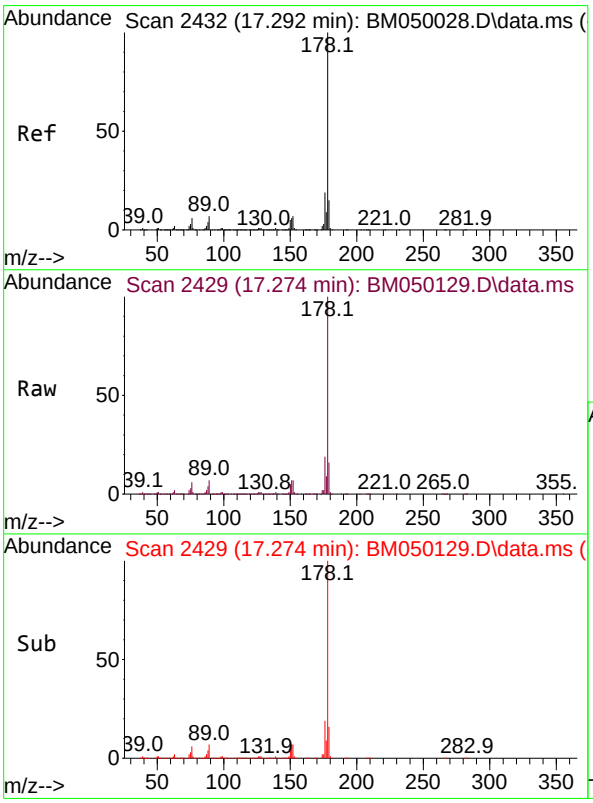
#71
Phenanthrene
Concen: 37.320 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 2685945

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.4	18.6

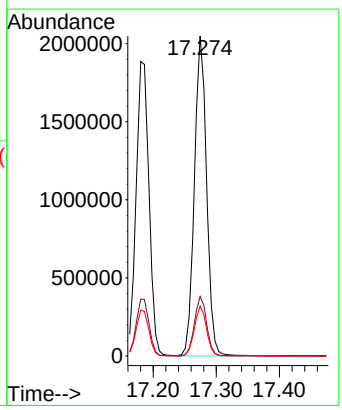


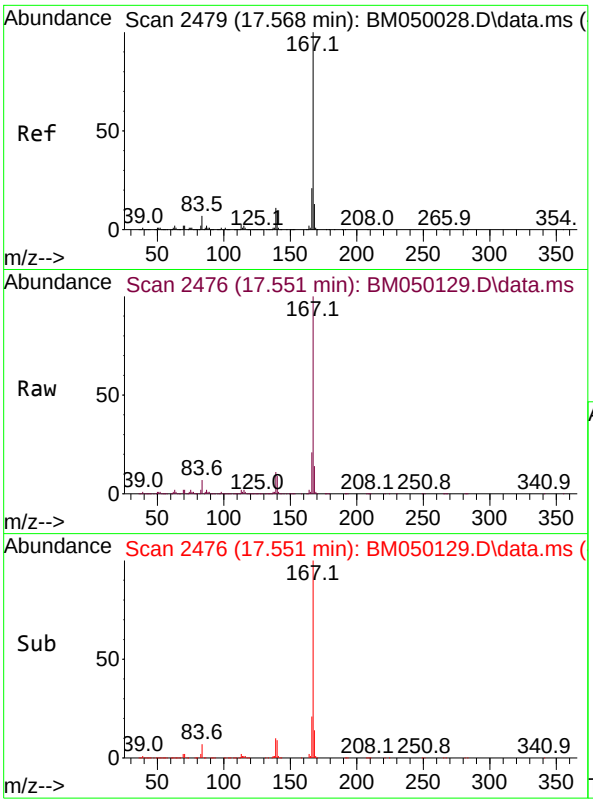


#72
Anthracene
Concen: 37.713 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:178 Resp: 2746787

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.2	18.4



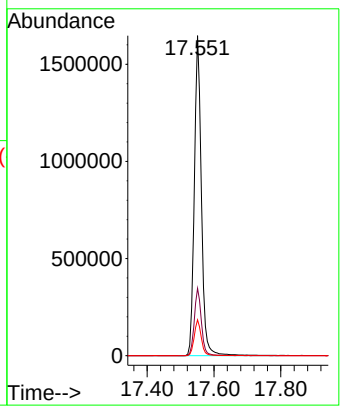


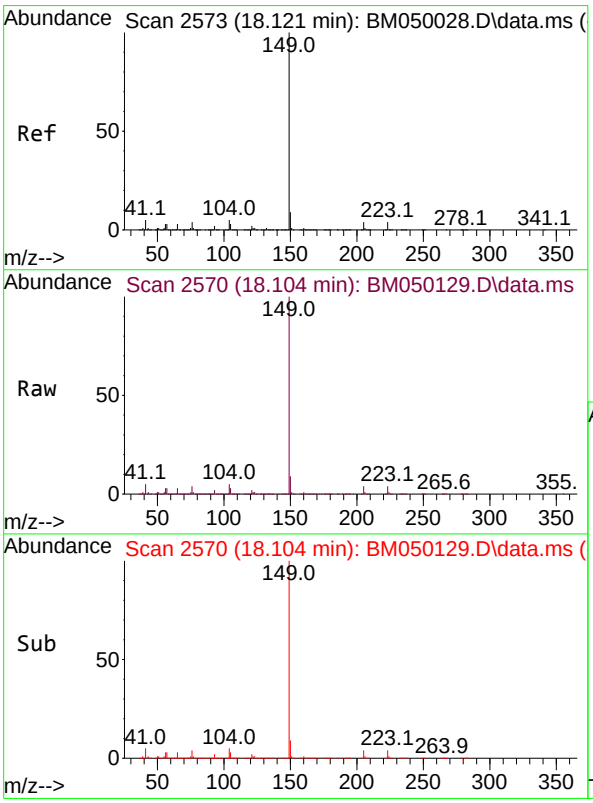
#73
Carbazole
Concen: 38.410 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 2427561

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	11.2	9.0	13.6

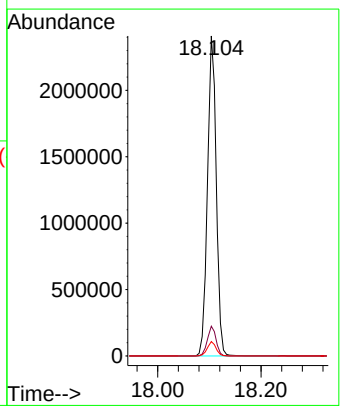


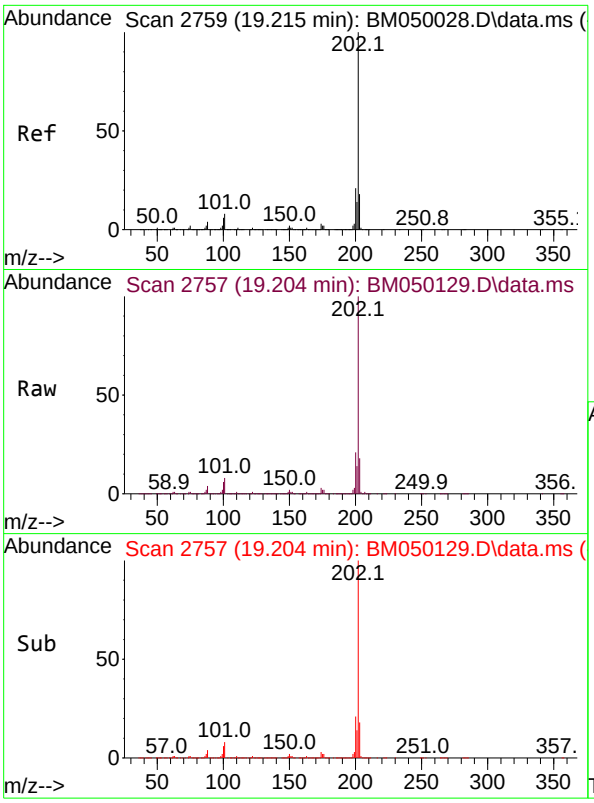


#74
Di-n-butylphthalate
Concen: 37.714 ng
RT: 18.104 min Scan# 2570
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 2838617

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.5	3.8	5.6



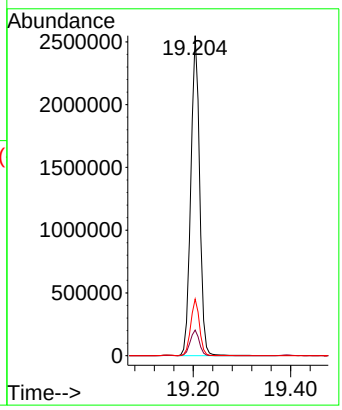


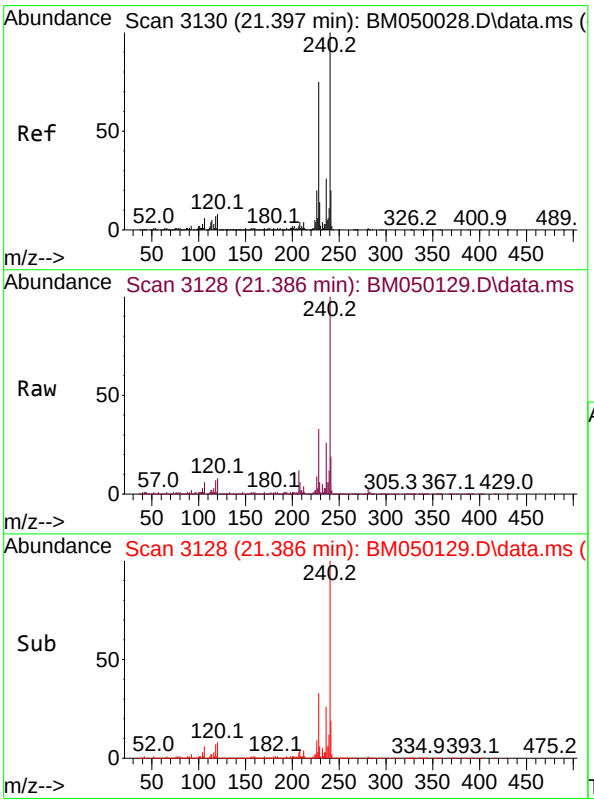
#75
Fluoranthene
Concen: 37.983 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3209490

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	28.0
203	17.7	0.0	37.7

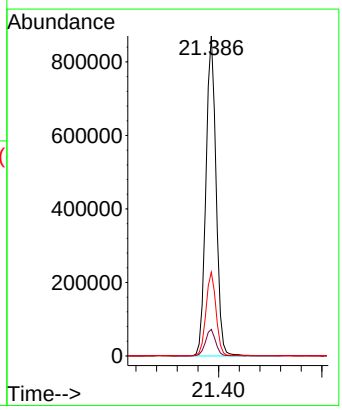


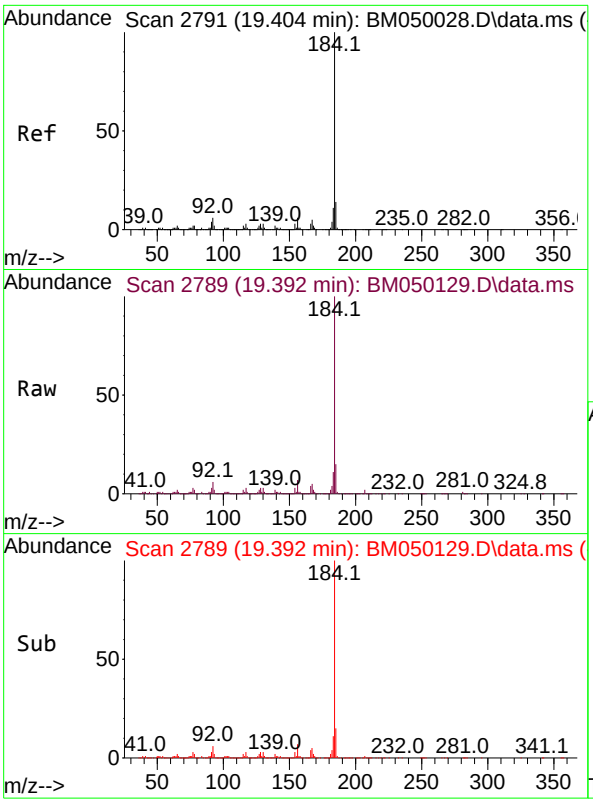


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:240 Resp: 1188727

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	26.2	20.9	31.3



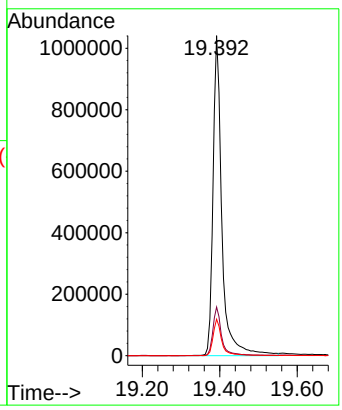


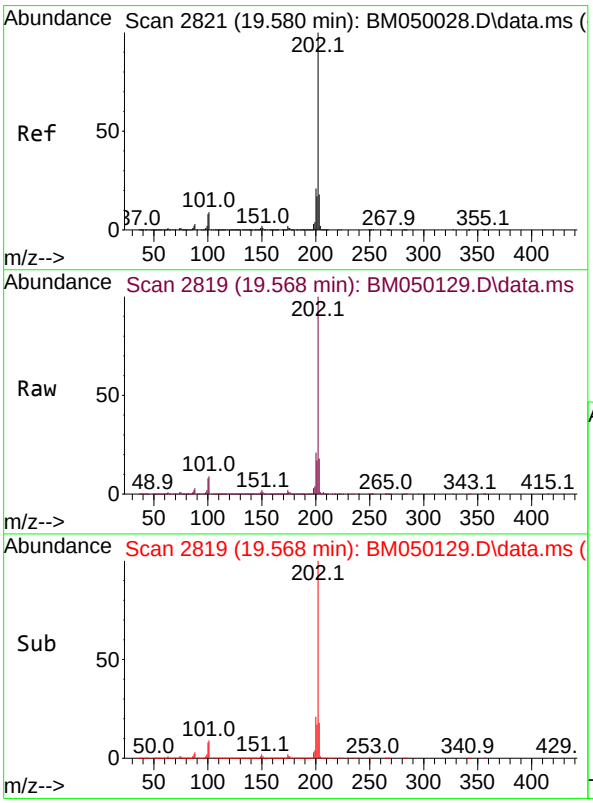
#77
Benzidine
Concen: 39.198 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1655106

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.5	17.3
183	11.4	8.9	13.3

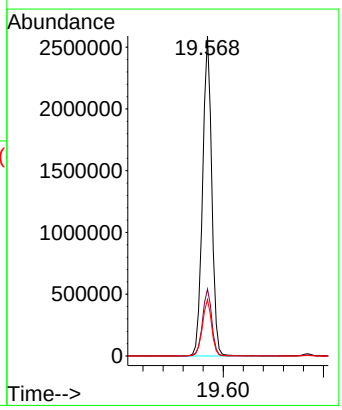


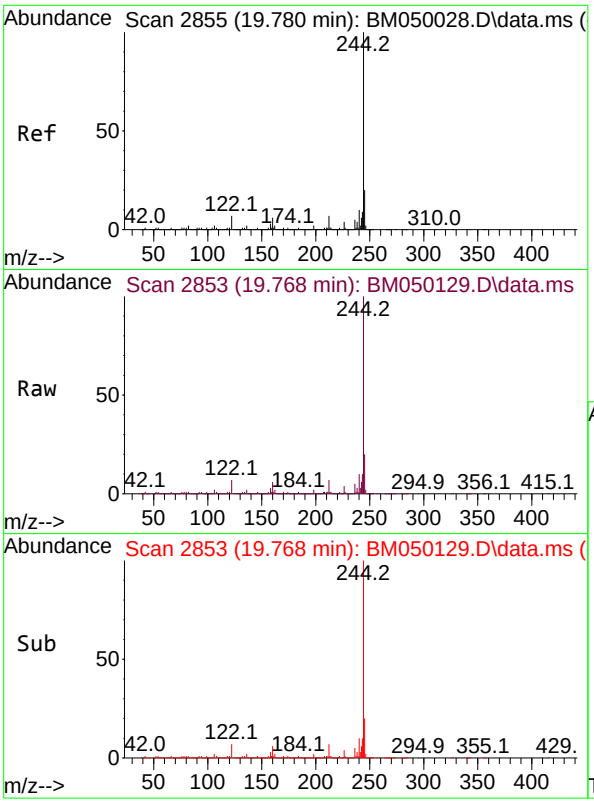


#78
Pyrene
Concen: 39.346 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:202 Resp: 3284421

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.7	14.1	21.1



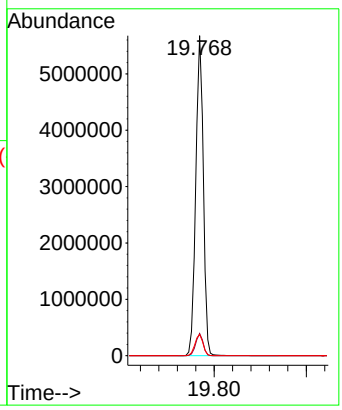


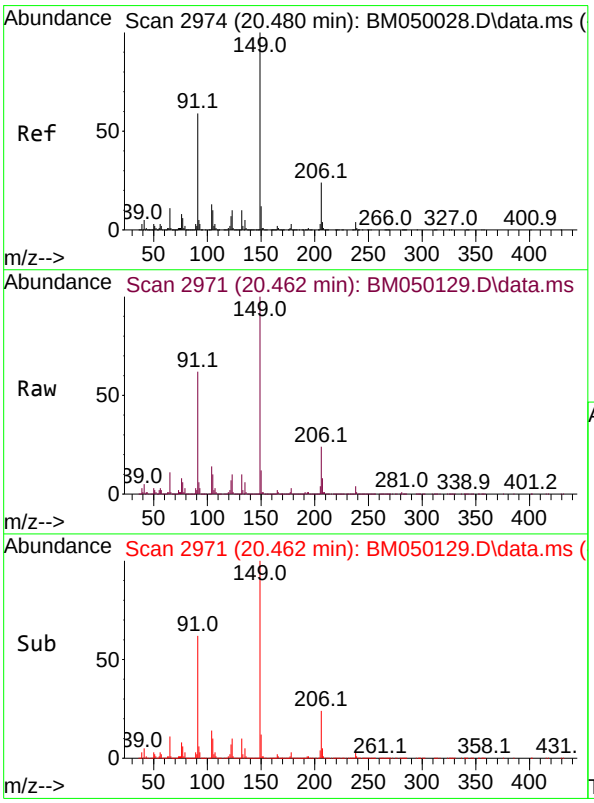
#79
Terphenyl-d14
Concen: 79.988 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 6425682

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	6.7	5.6	8.4

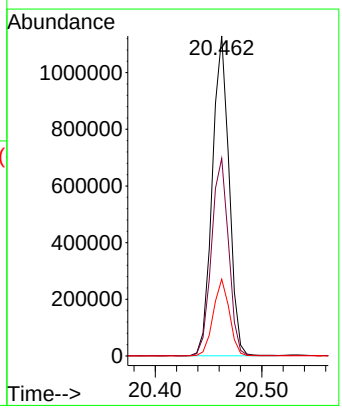


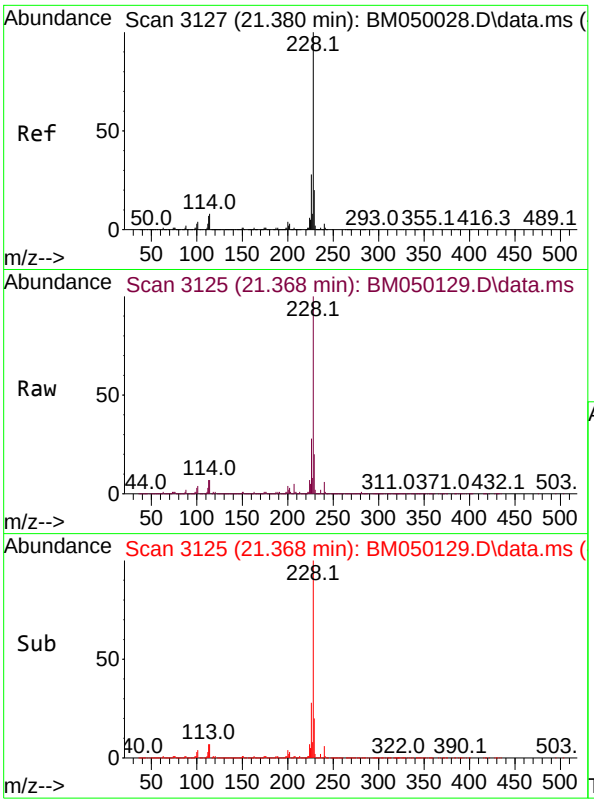


#80
Butylbenzylphthalate
Concen: 39.331 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1229679

Ion	Ratio	Lower	Upper
149	100		
91	61.8	47.4	71.2
206	24.0	19.4	29.0



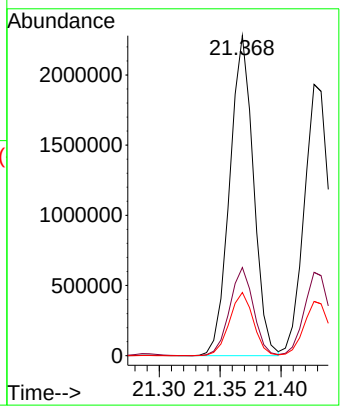


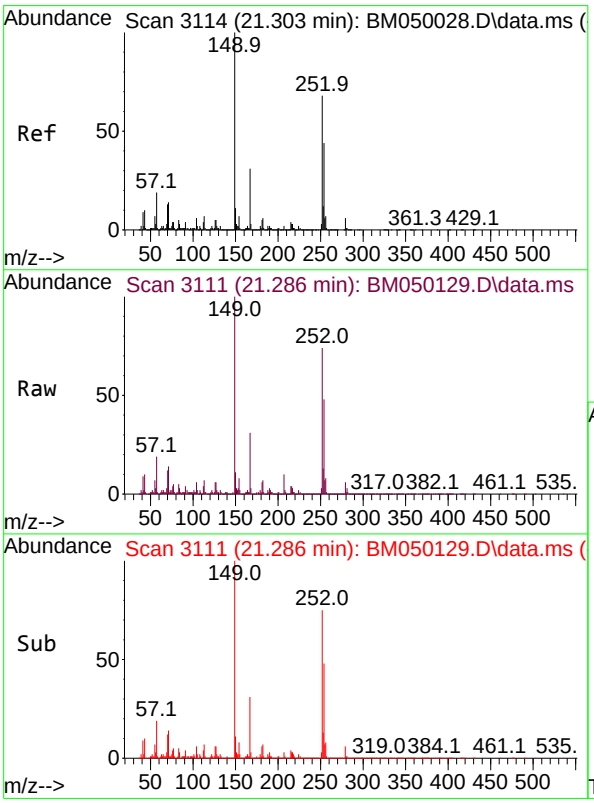
#81
Benzo(a)anthracene
Concen: 37.728 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3088369

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.8	15.7	23.5

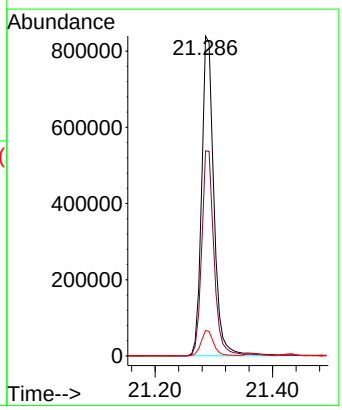


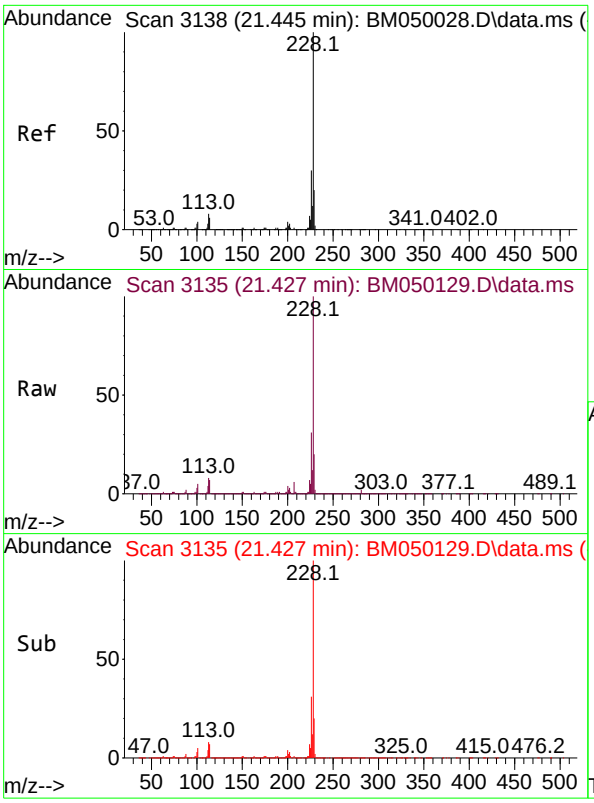


#82
3,3'-Dichlorobenzidine
Concen: 38.795 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:252 Resp: 1215688

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.6
126	7.9	6.0	9.0



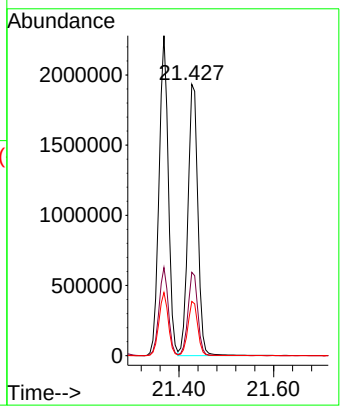


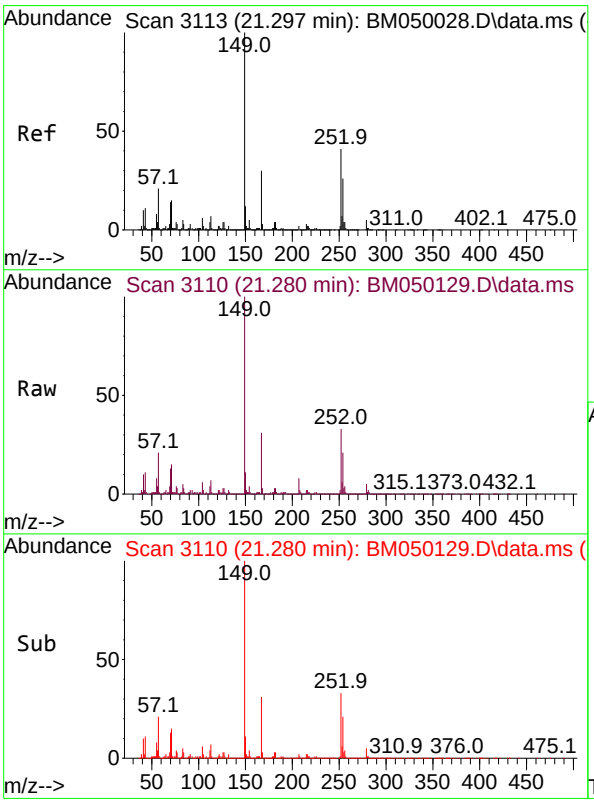
#83
Chrysene
Concen: 37.130 ng
RT: 21.427 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2813027

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.0	15.7	23.5

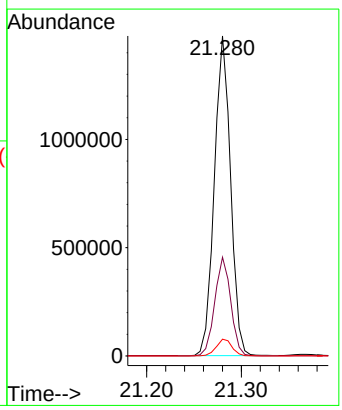


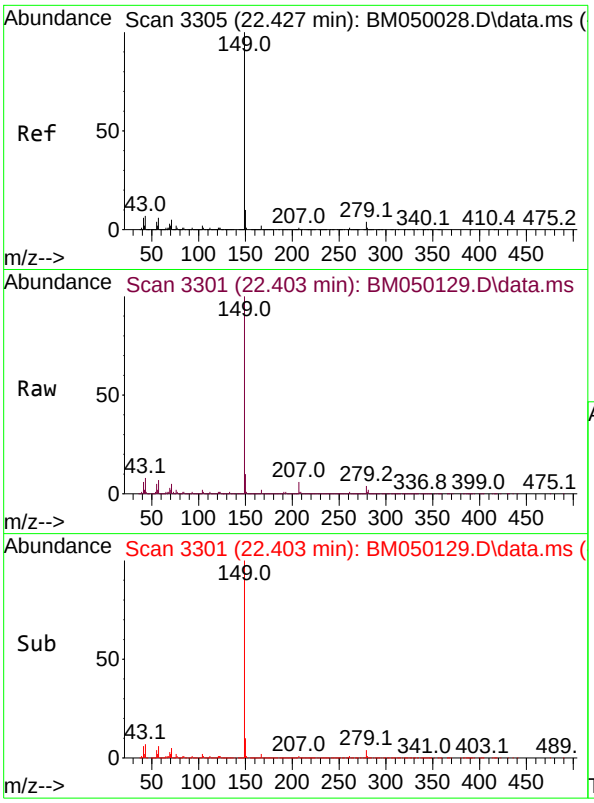


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.692 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:149 Resp: 1760201

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.1	36.1
279	5.2	3.9	5.9



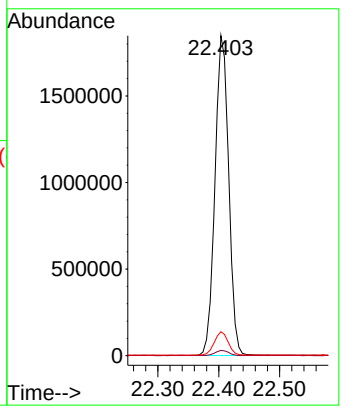


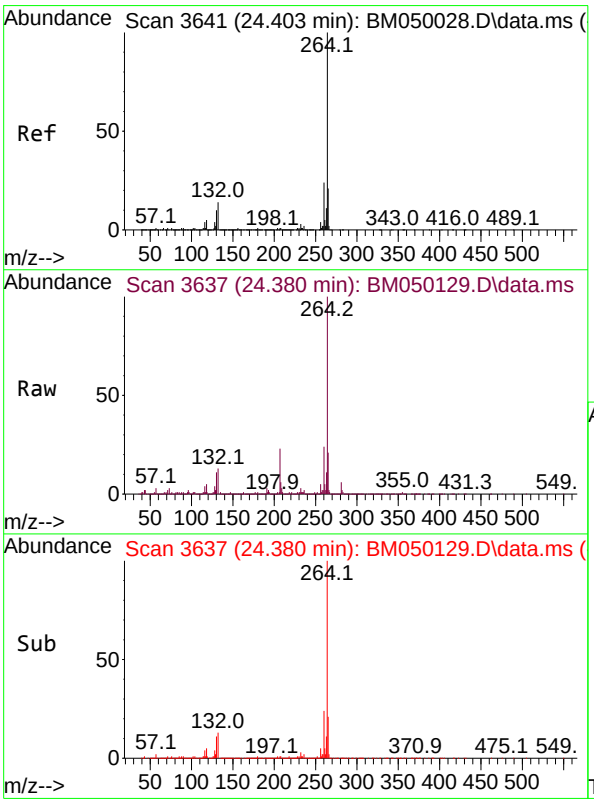
#85
Di-n-octyl phthalate
Concen: 37.435 ng
RT: 22.403 min Scan# 3
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2883032

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8

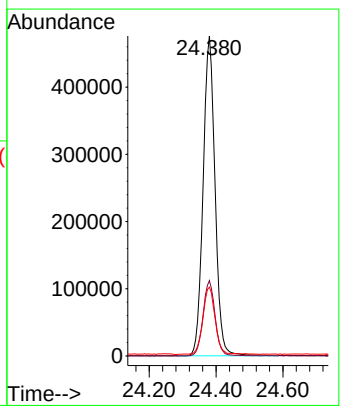


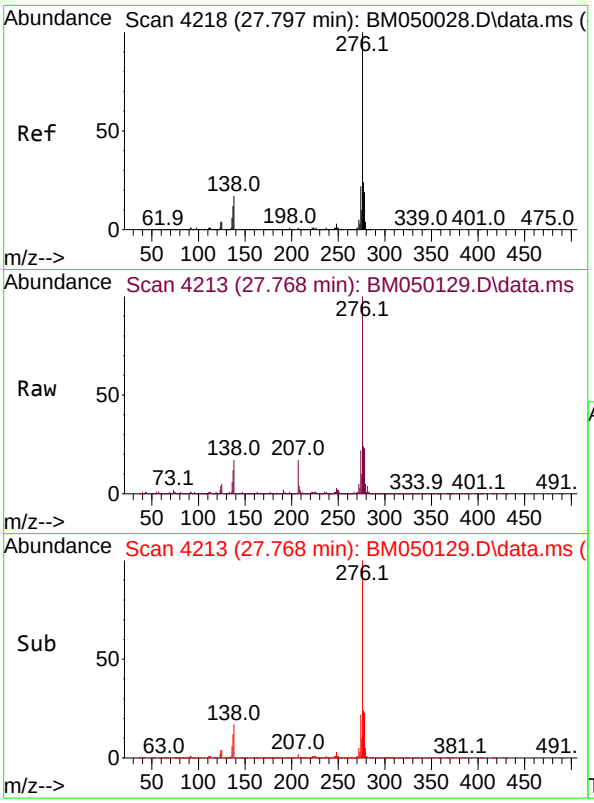


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:264 Resp: 1179190

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.5	17.0	25.4



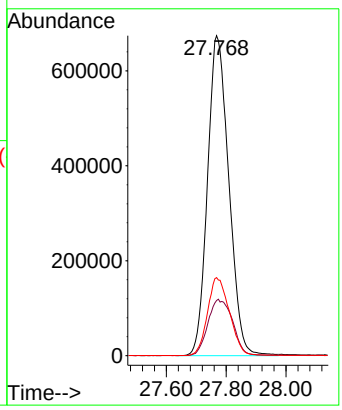


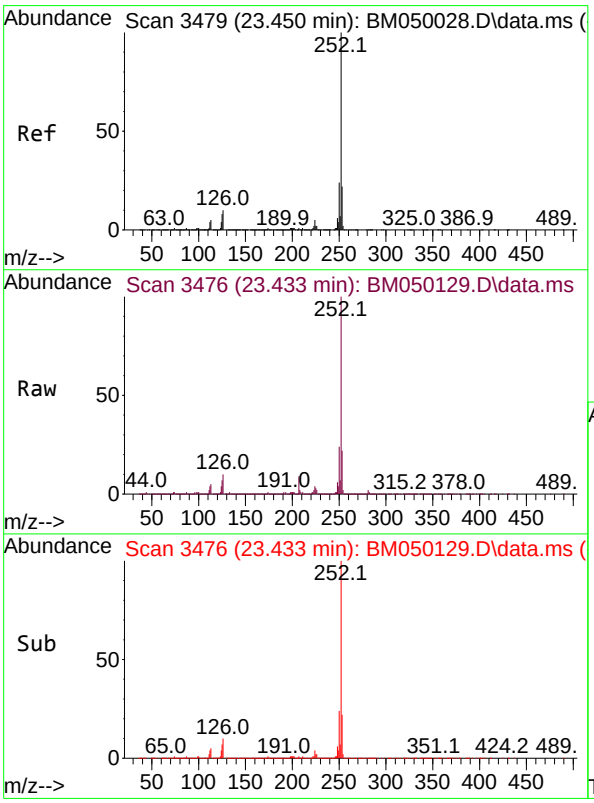
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.928 ng
RT: 27.768 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 3332526

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	25.2	19.8	29.8

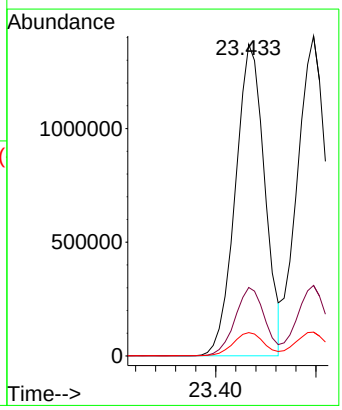


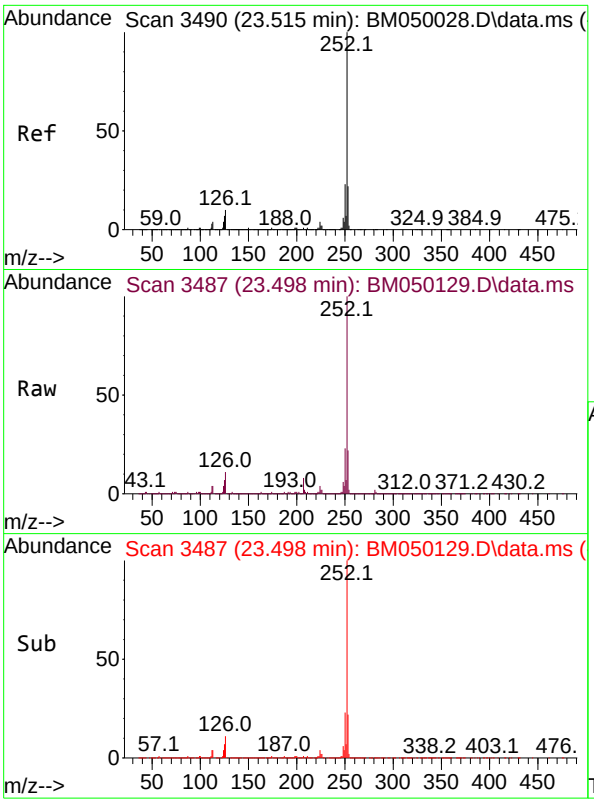


#88
Benzo(b)fluoranthene
Concen: 36.304 ng
RT: 23.433 min Scan# 3476
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:252 Resp: 2784029

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.5	6.1	9.1



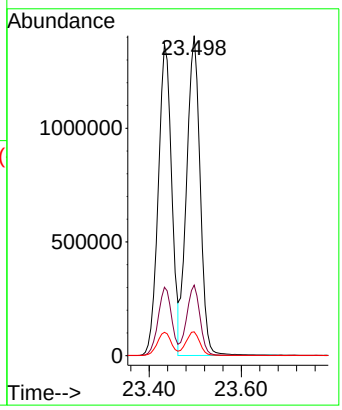


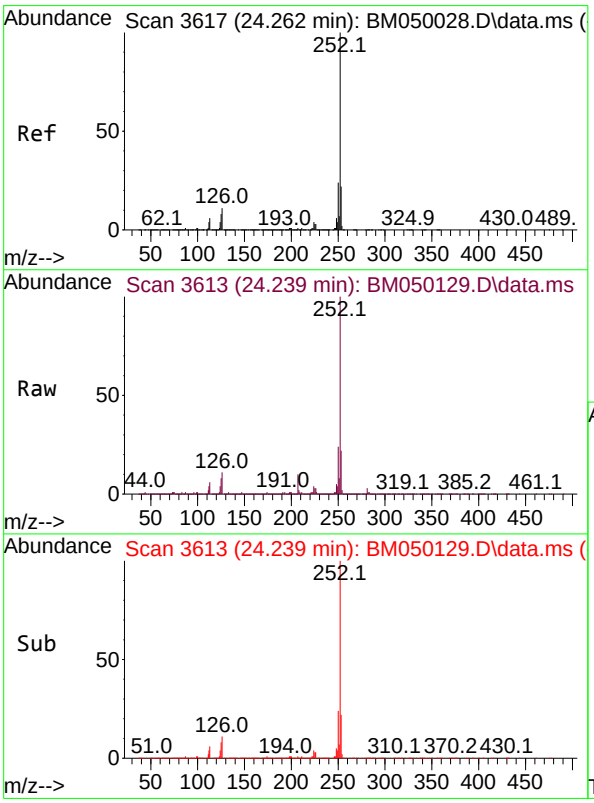
#89
Benzo(k)fluoranthene
Concen: 36.733 ng
RT: 23.498 min Scan# 34
Delta R.T. -0.017 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2849425

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.4	5.8	8.8

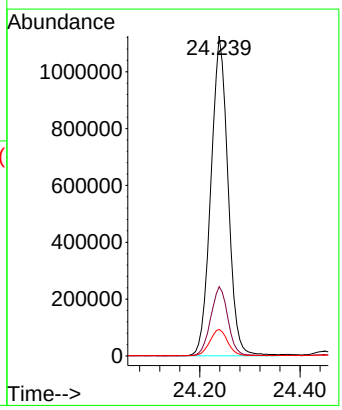


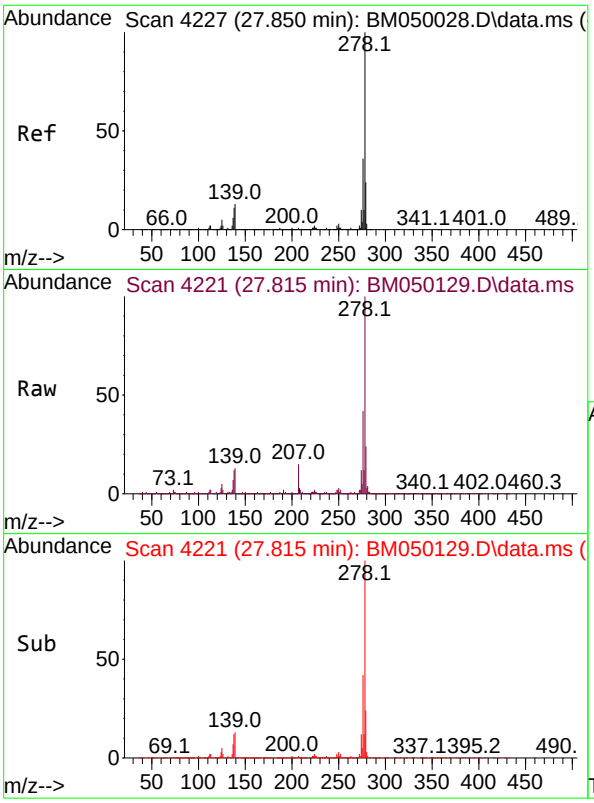


#90
Benzo(a)pyrene
Concen: 37.121 ng
RT: 24.239 min Scan# 3613
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:252 Resp: 2666219

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	8.3	6.6	9.8



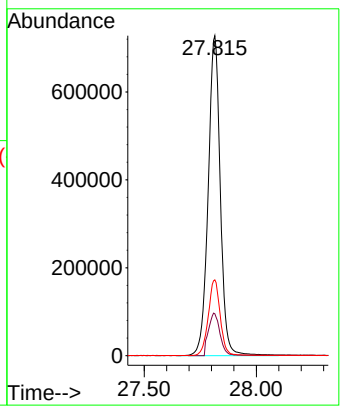


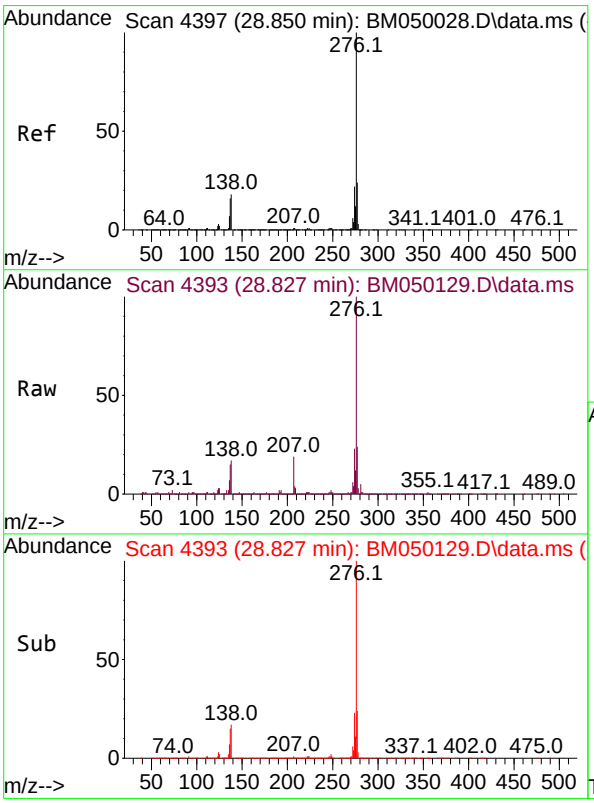
#91
Dibenzo(a,h)anthracene
Concen: 38.192 ng
RT: 27.815 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2735436

Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	23.7	19.4	29.0

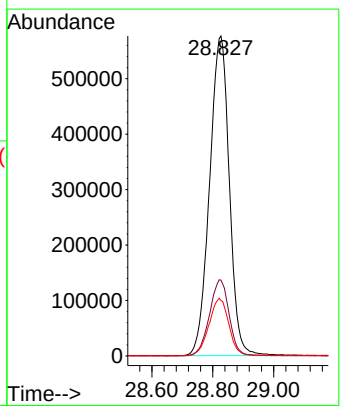




#92
Benzo(g,h,i)perylene
Concen: 37.902 ng
RT: 28.827 min Scan# 4393
Delta R.T. -0.023 min
Lab File: BM050129.D
Acq: 07 May 2025 09:56

Tgt Ion:276 Resp: 2598984

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	17.3	14.3	21.5



Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	-0.02
2		1,4-Dioxane	0.490	0.461	5.9	100	-0.02
3		Pyridine	1.258	1.219	3.1	101	-0.02
4		n-Nitrosodimethylamine	0.493	0.473	4.1	100	-0.02
5	S	2-Fluorophenol	1.142	1.113	2.5	102	-0.02
6		Aniline	1.813	1.767	2.5	100	-0.02
7	S	Phenol-d6	1.436	1.401	2.4	100	-0.02
8		2-Chlorophenol	1.235	1.194	3.3	101	-0.02
9		Benzaldehyde	0.961	0.911	5.2	98	-0.02
10	C	Phenol	1.453	1.425	1.9	102	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.149	5.3	99	-0.02
12		1,3-Dichlorobenzene	1.492	1.409	5.6	99	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.411	5.9	100	-0.03
14		1,2-Dichlorobenzene	1.448	1.353	6.6	98	-0.03
15		Benzyl Alcohol	0.996	1.004	-0.8	103	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.451	1.6	103	-0.02
17		2-Methylphenol	0.957	0.941	1.7	101	-0.02
18		Hexachloroethane	0.533	0.501	6.0	99	-0.03
19	P	n-Nitroso-di-n-propylamine	0.921	0.900	2.3	99	-0.02
20		3+4-Methylphenols	1.293	1.266	2.1	100	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	111	-0.03
22		Acetophenone	0.497	0.472	5.0	98	-0.02
23	S	Nitrobenzene-d5	0.406	0.388	4.4	99	-0.02
24		Nitrobenzene	0.351	0.337	4.0	100	-0.02
25		Isophorone	0.692	0.664	4.0	101	-0.02
26	C	2-Nitrophenol	0.179	0.179	0.0	101	-0.02
27		2,4-Dimethylphenol	0.297	0.291	2.0	99	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.407	4.9	99	-0.02
29	C	2,4-Dichlorophenol	0.333	0.323	3.0	99	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.379	6.7	98	-0.02
31		Naphthalene	1.013	0.949	6.3	98	-0.02
32		Benzoic acid	0.190	0.185	2.6	104	0.00
33		4-Chloroaniline	0.415	0.401	3.4	101	-0.02
34	C	Hexachlorobutadiene	0.258	0.239	7.4	98	-0.03
35		Caprolactam	0.097	0.094	3.1	100	-0.02
36	C	4-Chloro-3-methylphenol	0.308	0.294	4.5	100	-0.01
37		2-Methylnaphthalene	0.679	0.636	6.3	99	-0.02
38		1-Methylnaphthalene	0.719	0.672	6.5	99	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	110	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.692	0.657	5.1	97	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.361	14.7	87	-0.03
42	S	2,4,6-Tribromophenol	0.296	0.285	3.7	98	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.428	2.5	99	-0.02
44		2,4,5-Trichlorophenol	0.474	0.464	2.1	98	-0.01
45	S	2-Fluorobiphenyl	1.691	1.612	4.7	98	-0.02
46		1,1'-Biphenyl	1.487	1.400	5.9	98	-0.02
47		2-Chloronaphthalene	1.177	1.109	5.8	97	-0.02

Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.276	0.279	-1.1	102	-0.02
49		Acenaphthylene	1.857	1.752	5.7	97	-0.02
50		Dimethylphthalate	1.462	1.370	6.3	98	-0.02
51		2,6-Dinitrotoluene	0.303	0.297	2.0	100	-0.02
52	C	Acenaphthene	1.075	1.006	6.4	97	-0.02
53		3-Nitroaniline	0.289	0.290	-0.3	99	-0.02
54	P	2,4-Dinitrophenol	0.164	0.160	2.4	99	0.00
55		Dibenzofuran	1.788	1.674	6.4	98	-0.02
56	P	4-Nitrophenol	0.205	0.189	7.8	92	0.00
57		2,4-Dinitrotoluene	0.418	0.415	0.7	100	-0.01
58		Fluorene	1.463	1.378	5.8	97	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.388	5.4	98	-0.01
60		Diethylphthalate	1.377	1.278	7.2	98	-0.02
61		4-Chlorophenyl-phenylether	0.804	0.755	6.1	97	-0.02
62		4-Nitroaniline	0.279	0.284	-1.8	99	-0.01
63		Azobenzene	1.154	1.078	6.6	97	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	110	-0.02
65		4,6-Dinitro-2-methylphenol	0.125	0.121	3.2	98	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.583	5.0	98	-0.01
67		4-Bromophenyl-phenylether	0.242	0.230	5.0	98	-0.02
68		Hexachlorobenzene	0.279	0.263	5.7	98	-0.01
69		Atrazine	0.222	0.211	5.0	98	-0.02
70	C	Pentachlorophenol	0.157	0.144	8.3	95	-0.01
71		Phenanthrene	1.128	1.052	6.7	97	-0.02
72		Anthracene	1.142	1.076	5.8	97	-0.02
73		Carbazole	0.991	0.951	4.0	99	-0.02
74		Di-n-butylphthalate	1.180	1.112	5.8	98	-0.02
75	C	Fluoranthene	1.324	1.258	5.0	98	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	107	-0.01
77		Benzidine	0.710	0.696	2.0	96	-0.01
78		Pyrene	1.404	1.381	1.6	97	-0.01
79	S	Terphenyl-d14	1.352	1.351	0.1	95	-0.01
80		Butylbenzylphthalate	0.526	0.517	1.7	98	-0.02
81		Benzo(a)anthracene	1.377	1.299	5.7	94	-0.01
82		3,3'-Dichlorobenzidine	0.527	0.511	3.0	94	-0.02
83		Chrysene	1.275	1.183	7.2	94	-0.02
84		Bis(2-ethylhexyl)phthalate	0.786	0.740	5.9	94	-0.02
85	c	Di-n-octyl phthalate	1.296	1.213	6.4	95	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	110	-0.02
87		Indeno(1,2,3-cd)pyrene	1.490	1.413	5.2	97	-0.03
88		Benzo(b)fluoranthene	1.301	1.180	9.3	92	-0.02
89		Benzo(k)fluoranthene	1.316	1.208	8.2	96	-0.02
90	C	Benzo(a)pyrene	1.218	1.131	7.1	96	-0.02
91		Dibenzo(a,h)anthracene	1.215	1.160	4.5	98	-0.04
92		Benzo(g,h,i)perylene	1.163	1.102	5.2	98	-0.02

Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	-0.02
2		1,4-Dioxane	40.000	37.638	5.9	100	-0.02
3		Pyridine	40.000	38.760	3.1	101	-0.02
4		n-Nitrosodimethylamine	40.000	38.309	4.2	100	-0.02
5	S	2-Fluorophenol	80.000	77.929	2.6	102	-0.02
6		Aniline	40.000	38.981	2.5	100	-0.02
7	S	Phenol-d6	80.000	78.093	2.4	100	-0.02
8		2-Chlorophenol	40.000	38.682	3.3	101	-0.02
9		Benzaldehyde	40.000	37.934	5.2	98	-0.02
10	C	Phenol	40.000	39.229	1.9	102	-0.02
11		bis(2-Chloroethyl)ether	40.000	37.871	5.3	99	-0.02
12		1,3-Dichlorobenzene	40.000	37.769	5.6	99	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.673	5.8	100	-0.03
14		1,2-Dichlorobenzene	40.000	37.392	6.5	98	-0.03
15		Benzyl Alcohol	40.000	40.351	-0.9	103	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	39.358	1.6	103	-0.02
17		2-Methylphenol	40.000	39.297	1.8	101	-0.02
18		Hexachloroethane	40.000	37.618	6.0	99	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	39.100	2.2	99	-0.02
20		3+4-Methylphenols	40.000	39.165	2.1	100	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	111	-0.03
22		Acetophenone	40.000	37.985	5.0	98	-0.02
23	S	Nitrobenzene-d5	80.000	76.498	4.4	99	-0.02
24		Nitrobenzene	40.000	38.361	4.1	100	-0.02
25		Isophorone	40.000	38.379	4.1	101	-0.02
26	C	2-Nitrophenol	40.000	40.028	-0.1	101	-0.02
27		2,4-Dimethylphenol	40.000	39.146	2.1	99	-0.02
28		bis(2-Chloroethoxy)methane	40.000	38.093	4.8	99	-0.02
29	C	2,4-Dichlorophenol	40.000	38.777	3.1	99	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.345	6.6	98	-0.02
31		Naphthalene	40.000	37.465	6.3	98	-0.02
32		Benzoic acid	40.000	38.892	2.8	104	0.00
33		4-Chloroaniline	40.000	38.655	3.4	101	-0.02
34	C	Hexachlorobutadiene	40.000	37.153	7.1	98	-0.03
35		Caprolactam	40.000	38.907	2.7	100	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.219	4.5	100	-0.01
37		2-Methylnaphthalene	40.000	37.483	6.3	99	-0.02
38		1-Methylnaphthalene	40.000	37.416	6.5	99	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	110	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	37.962	5.1	97	-0.02
41	P	Hexachlorocyclopentadiene	40.000	34.123	14.7	87	-0.03
42	S	2,4,6-Tribromophenol	80.000	77.152	3.6	98	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.025	2.4	99	-0.02
44		2,4,5-Trichlorophenol	40.000	39.223	1.9	98	-0.01
45	S	2-Fluorobiphenyl	80.000	76.285	4.6	98	-0.02
46		1,1'-Biphenyl	40.000	37.665	5.8	98	-0.02
47		2-Chloronaphthalene	40.000	37.681	5.8	97	-0.02

Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	40.448	-1.1	102	-0.02
49		Acenaphthylene	40.000	37.758	5.6	97	-0.02
50		Dimethylphthalate	40.000	37.481	6.3	98	-0.02
51		2,6-Dinitrotoluene	40.000	39.202	2.0	100	-0.02
52	C	Acenaphthene	40.000	37.437	6.4	97	-0.02
53		3-Nitroaniline	40.000	40.213	-0.5	99	-0.02
54	P	2,4-Dinitrophenol	40.000	36.439	8.9	99	0.00
55		Dibenzofuran	40.000	37.462	6.3	98	-0.02
56	P	4-Nitrophenol	40.000	34.800	13.0	92	0.00
57		2,4-Dinitrotoluene	40.000	39.653	0.9	100	-0.01
58		Fluorene	40.000	37.662	5.8	97	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	37.896	5.3	98	-0.01
60		Diethylphthalate	40.000	37.127	7.2	98	-0.02
61		4-Chlorophenyl-phenylether	40.000	37.553	6.1	97	-0.02
62		4-Nitroaniline	40.000	40.776	-1.9	99	-0.01
63		Azobenzene	40.000	37.357	6.6	97	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	110	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	38.782	3.0	98	-0.01
66	c	n-Nitrosodiphenylamine	40.000	37.972	5.1	98	-0.01
67		4-Bromophenyl-phenylether	40.000	38.030	4.9	98	-0.02
68		Hexachlorobenzene	40.000	37.749	5.6	98	-0.01
69		Atrazine	40.000	38.139	4.7	98	-0.02
70	C	Pentachlorophenol	40.000	36.772	8.1	95	-0.01
71		Phenanthrene	40.000	37.320	6.7	97	-0.02
72		Anthracene	40.000	37.713	5.7	97	-0.02
73		Carbazole	40.000	38.410	4.0	99	-0.02
74		Di-n-butylphthalate	40.000	37.714	5.7	98	-0.02
75	C	Fluoranthene	40.000	37.983	5.0	98	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	107	-0.01
77		Benzidine	40.000	39.198	2.0	96	-0.01
78		Pyrene	40.000	39.346	1.6	97	-0.01
79	S	Terphenyl-d14	80.000	79.988	0.0	95	-0.01
80		Butylbenzylphthalate	40.000	39.331	1.7	98	-0.02
81		Benzo(a)anthracene	40.000	37.728	5.7	94	-0.01
82		3,3'-Dichlorobenzidine	40.000	38.795	3.0	94	-0.02
83		Chrysene	40.000	37.130	7.2	94	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	37.692	5.8	94	-0.02
85	c	Di-n-octyl phthalate	40.000	37.435	6.4	95	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	110	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.928	5.2	97	-0.03
88		Benzo(b)fluoranthene	40.000	36.304	9.2	92	-0.02
89		Benzo(k)fluoranthene	40.000	36.733	8.2	96	-0.02
90	C	Benzo(a)pyrene	40.000	37.121	7.2	96	-0.02
91		Dibenzo(a,h)anthracene	40.000	38.192	4.5	98	-0.04
92		Benzo(g,h,i)perylene	40.000	37.902	5.2	98	-0.02

Sample Results: **BM050129.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050129.D
Acq On : 07 May 2025 09:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 07 11:58:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.142	1.109		-2.9	
Benzaldehyde	0.961	0.933		-2.9	
Phenol-d6	1.436	1.425		-0.8	
Phenol	1.453	1.439		-1.0	20.0
bis(2-Chloroethyl)ether	1.214	1.166		-4.0	
2-Chlorophenol	1.235	1.198		-3.0	
2-Methylphenol	0.957	0.937		-2.1	
2,2-oxybis(1-Chloropropane)	1.475	1.453		-1.5	
Acetophenone	0.497	0.474		-4.6	
3+4-Methylphenols	1.293	1.279		-1.1	
n-Nitroso-di-n-propylamine	0.921	0.911	0.050	-1.1	
Nitrobenzene-d5	0.406	0.390		-3.9	
Hexachloroethane	0.533	0.500		-6.2	
Nitrobenzene	0.351	0.337		-4.0	
Isophorone	0.692	0.663		-4.2	
2-Nitrophenol	0.179	0.183		2.2	20.0
2,4-Dimethylphenol	0.297	0.293		-1.3	
bis(2-Chloroethoxy)methane	0.428	0.411		-4.0	
2,4-Dichlorophenol	0.333	0.322		-3.3	20.0
Naphthalene	1.013	0.949		-6.3	
4-Chloroaniline	0.415	0.399		-3.9	
Hexachlorobutadiene	0.258	0.244		-5.4	20.0
Caprolactam	0.097	0.090		-7.2	
4-Chloro-3-methylphenol	0.308	0.293		-4.9	20.0
2-Methylnaphthalene	0.679	0.643		-5.3	
Hexachlorocyclopentadiene	0.423	0.394	0.050	-6.9	
2,4,6-Trichlorophenol	0.439	0.444		1.1	20.0
2-Fluorobiphenyl	1.691	1.640		-3.0	
2,4,5-Trichlorophenol	0.474	0.470		-0.8	
1,1-Biphenyl	1.487	1.422		-4.4	
2-Chloronaphthalene	1.177	1.124		-4.5	
2-Nitroaniline	0.276	0.277		0.4	
Dimethylphthalate	1.462	1.353		-7.5	
Acenaphthylene	1.857	1.762		-5.1	
2,6-Dinitrotoluene	0.303	0.293		-3.3	
3-Nitroaniline	0.289	0.282		-2.4	
Acenaphthene	1.075	1.012		-5.9	20.0
2,4-Dinitrophenol	0.164	0.155	0.050	-5.5	
4-Nitrophenol	0.205	0.181	0.050	-11.7	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_M Calibration Date/Time: 05/08/2025 10:41

Lab File ID: BM050140.D Init. Calib. Date(s): 04/28/2025 04/28/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:30 17:04

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.788	1.680		-6.0	
2,4-Dinitrotoluene	0.418	0.409		-2.2	
Diethylphthalate	1.377	1.253		-9.0	
4-Chlorophenyl-phenylether	0.804	0.768		-4.5	
Fluorene	1.463	1.365		-6.7	
4-Nitroaniline	0.279	0.246		-11.8	
4,6-Dinitro-2-methylphenol	0.125	0.121		-3.2	
n-Nitrosodiphenylamine	0.614	0.603		-1.8	20.0
2,4,6-Tribromophenol	0.296	0.286		-3.4	
4-Bromophenyl-phenylether	0.242	0.240		-0.8	
Hexachlorobenzene	0.279	0.271		-2.9	
Atrazine	0.222	0.212		-4.5	
Pentachlorophenol	0.157	0.148		-5.7	20.0
Phenanthrene	1.128	1.059		-6.1	
Anthracene	1.142	1.078		-5.6	
Carbazole	0.991	0.919		-7.3	
Di-n-butylphthalate	1.180	1.082		-8.3	
Fluoranthene	1.324	1.185		-10.5	20.0
Pyrene	1.404	1.584		12.8	
Terphenyl-d14	1.352	1.555		15.0	
Butylbenzylphthalate	0.526	0.538		2.3	
3,3-Dichlorobenzidine	0.527	0.482		-8.5	
Benzo(a)anthracene	1.377	1.314		-4.6	
Chrysene	1.275	1.201		-5.8	
Bis(2-ethylhexyl)phthalate	0.786	0.738		-6.1	
Di-n-octyl phthalate	1.296	1.114		-14.0	20.0
Benzo(b)fluoranthene	1.301	1.242		-4.5	
Benzo(k)fluoranthene	1.316	1.279		-2.8	
Benzo(a)pyrene	1.218	1.160		-4.8	20.0
Indeno(1,2,3-cd)pyrene	1.490	1.414		-5.1	
Dibenzo(a,h)anthracene	1.215	1.154		-5.0	
Benzo(g,h,i)perylene	1.163	1.097		-5.7	
1,2,4,5-Tetrachlorobenzene	0.692	0.686		-0.9	
1,4-Dioxane	0.490	0.453		-7.6	20.0
2,3,4,6-Tetrachlorophenol	0.410	0.385		-6.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	370324	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1368857	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	879874	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1654930	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1237713	20.000	ng	0.00
86) Perylene-d12	24.380	264	1026252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1642415	77.661	ng	0.00
7) Phenol-d6	6.934	99	2111558	79.439	ng	0.00
23) Nitrobenzene-d5	8.904	82	2134237	76.829	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1005758	77.306	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5771543	77.598	ng	0.00
79) Terphenyl-d14	19.768	244	7699588	92.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	335516	37.001	ng	99
3) Pyridine	3.634	79	904531	38.824	ng	96
4) n-Nitrosodimethylamine	3.546	42	359788	39.374	ng	98
6) Aniline	7.075	93	1314457	39.162	ng	99
8) 2-Chlorophenol	7.316	128	887499	38.813	ng	98
9) Benzaldehyde	6.887	77	690756	38.833	ng	98
10) Phenol	6.963	94	1065717	39.605	ng	98
11) bis(2-Chloroethyl)ether	7.169	93	863881	38.447	ng	99
12) 1,3-Dichlorobenzene	7.634	146	1038233	37.588	ng	99
13) 1,4-Dichlorobenzene	7.775	146	1040843	37.509	ng	99
14) 1,2-Dichlorobenzene	8.093	146	1005092	37.497	ng	99
15) Benzyl Alcohol	7.993	79	751209	40.752	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1076308	39.406	ng	99
17) 2-Methylphenol	8.204	107	693712	39.133	ng	98
18) Hexachloroethane	8.816	117	369976	37.507	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	674550	39.568	ng	100
20) 3+4-Methylphenols	8.534	107	947336	39.573	ng	98
22) Acetophenone	8.569	105	1298428	38.153	ng	98
24) Nitrobenzene	8.945	77	922534	38.408	ng	100
25) Isophorone	9.475	82	1815169	38.333	ng	100
26) 2-Nitrophenol	9.657	139	500100	40.755	ng	99
27) 2,4-Dimethylphenol	9.728	122	800845	39.354	ng	100
28) bis(2-Chloroethoxy)met...	9.951	93	1125441	38.454	ng	100
29) 2,4-Dichlorophenol	10.210	162	882444	38.708	ng	99
30) 1,2,4-Trichlorobenzene	10.404	180	1043351	37.563	ng	100
31) Naphthalene	10.586	128	2598647	37.486	ng	100
32) Benzoic acid	9.916	122	496992	38.186	ng	98
33) 4-Chloroaniline	10.704	127	1093472	38.483	ng	99
34) Hexachlorobutadiene	10.869	225	666762	37.817	ng	99
35) Caprolactam	11.516	113	246749	37.121	ng	94
36) 4-Chloro-3-methylphenol	11.857	107	803329	38.140	ng	98
37) 2-Methylnaphthalene	12.204	142	1761314	37.896	ng	100
38) 1-Methylnaphthalene	12.422	142	1840027	37.410	ng	100
40) 1,2,4,5-Tetrachloroben...	12.580	216	1207652	39.649	ng	100
41) Hexachlorocyclopentadiene	12.551	237	692945	37.227	ng	100
43) 2,4,6-Trichlorophenol	12.833	196	781494	40.452	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

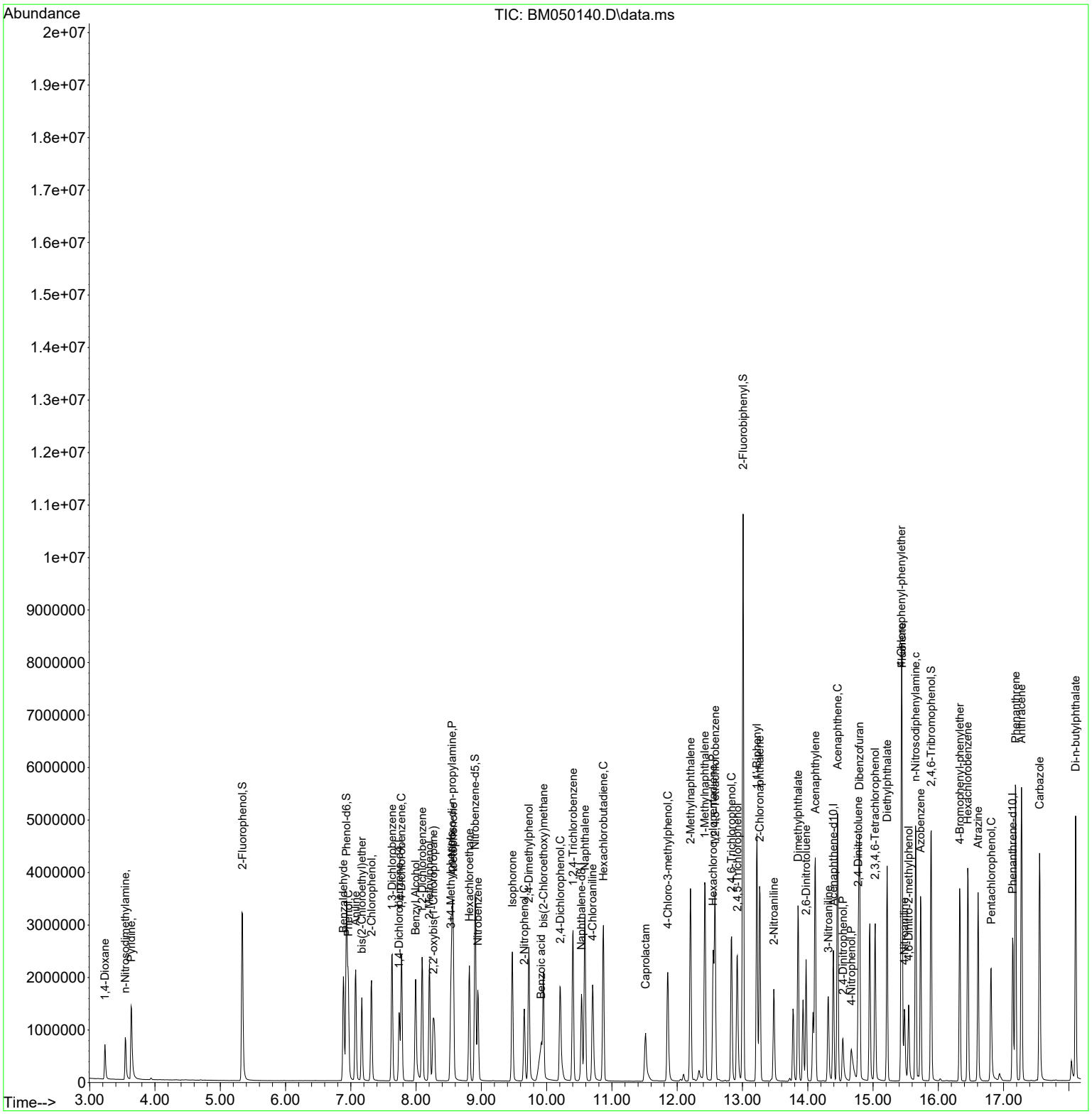
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	827607	39.727	ng	99
46) 1,1'-Biphenyl	13.222	154	2502138	38.256	ng	99
47) 2-Chloronaphthalene	13.263	162	1978827	38.200	ng	99
48) 2-Nitroaniline	13.480	65	487178	40.071	ng	100
49) Acenaphthylene	14.116	152	3100974	37.967	ng	100
50) Dimethylphthalate	13.851	163	2380206	37.016	ng	99
51) 2,6-Dinitrotoluene	13.975	165	516023	38.760	ng	98
52) Acenaphthene	14.457	154	1780304	37.658	ng	99
53) 3-Nitroaniline	14.316	138	495431	38.978	ng	99
54) 2,4-Dinitrophenol	14.539	184	272567	35.437	ng	98
55) Dibenzofuran	14.792	168	2956841	37.591	ng	99
56) 4-Nitrophenol	14.669	139	319245	33.657	ng	98
57) 2,4-Dinitrotoluene	14.774	165	719782	39.126	ng	98
58) Fluorene	15.445	166	2401802	37.305	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	677686	37.581	ng	99
60) Diethylphthalate	15.216	149	2205320	36.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.433	204	1351541	38.219	ng	99
62) 4-Nitroaniline	15.480	138	432649	35.280	ng	99
63) Azobenzene	15.727	77	1882944	37.081	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	400737	38.684	ng	96
66) n-Nitrosodiphenylamine	15.651	169	1995726	39.272	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	793425	39.646	ng	98
68) Hexachlorobenzene	16.451	284	896115	38.846	ng	98
69) Atrazine	16.610	200	701944	38.293	ng	99
70) Pentachlorophenol	16.810	266	489963	37.733	ng	99
71) Phenanthrene	17.186	178	3506508	37.567	ng	100
72) Anthracene	17.274	178	3566867	37.761	ng	100
73) Carbazole	17.551	167	3040432	37.093	ng	99
74) Di-n-butylphthalate	18.104	149	3579619	36.672	ng	99
75) Fluoranthene	19.204	202	3923349	35.801	ng	100
77) Benzidine	19.392	184	1769429	40.247	ng	99
78) Pyrene	19.568	202	3921227	45.115	ng	100
80) Butylbenzylphthalate	20.462	149	1331850	40.913	ng	99
81) Benzo(a)anthracene	21.368	228	3251627	38.150	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	1193314	36.574	ng	100
83) Chrysene	21.427	228	2971758	37.672	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1827791	37.590	ng	100
85) Di-n-octyl phthalate	22.403	149	2757430	34.387	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	2903047	37.964	ng	100
88) Benzo(b)fluoranthene	23.433	252	2548858	38.191	ng	100
89) Benzo(k)fluoranthene	23.497	252	2625481	38.890	ng	99
90) Benzo(a)pyrene	24.239	252	2381402	38.097	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2367754	37.985	ng	100
92) Benzo(g,h,i)perylene	28.826	276	2251454	37.727	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

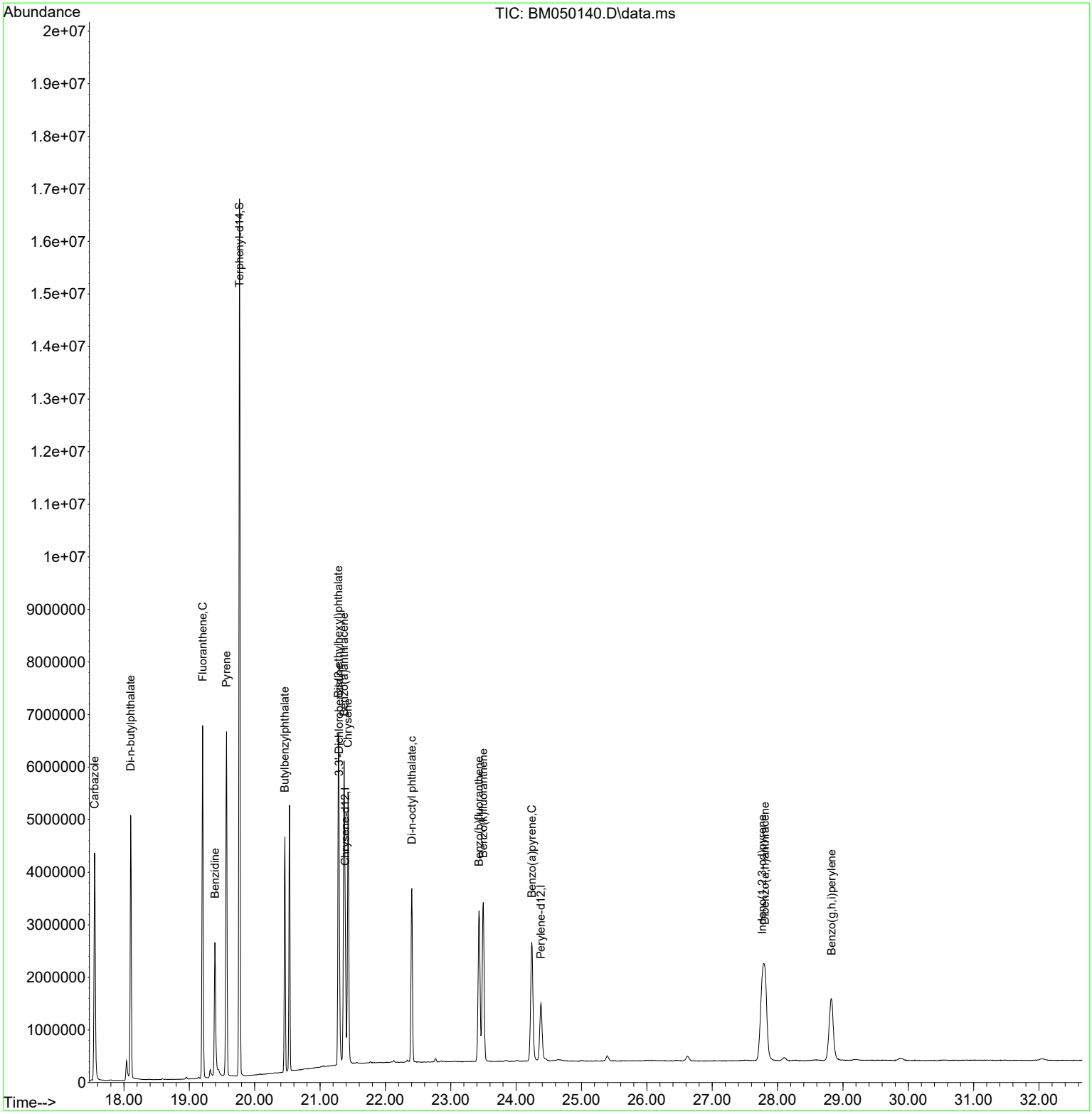
Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

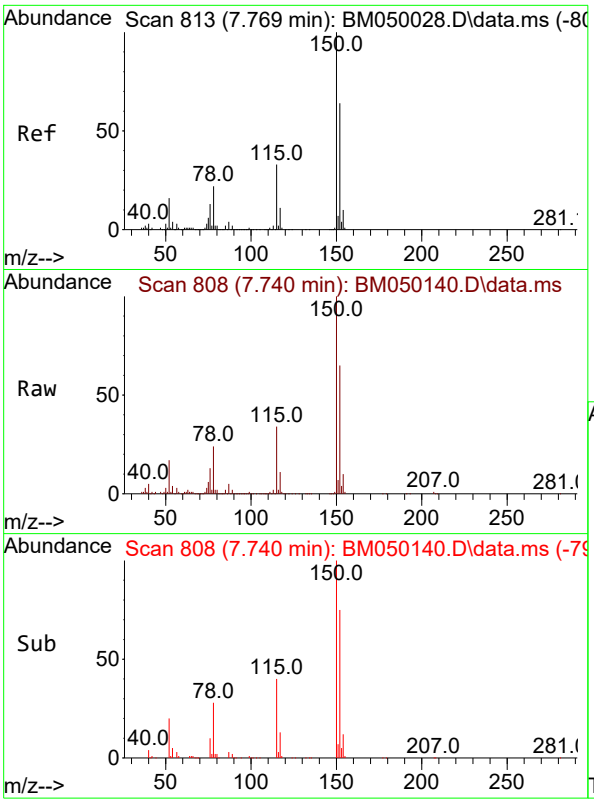


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



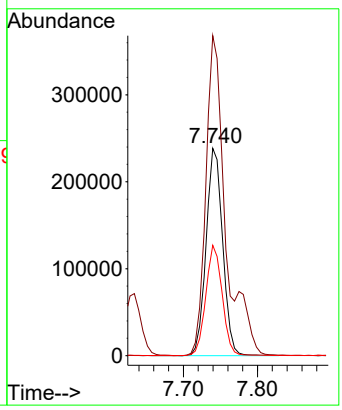


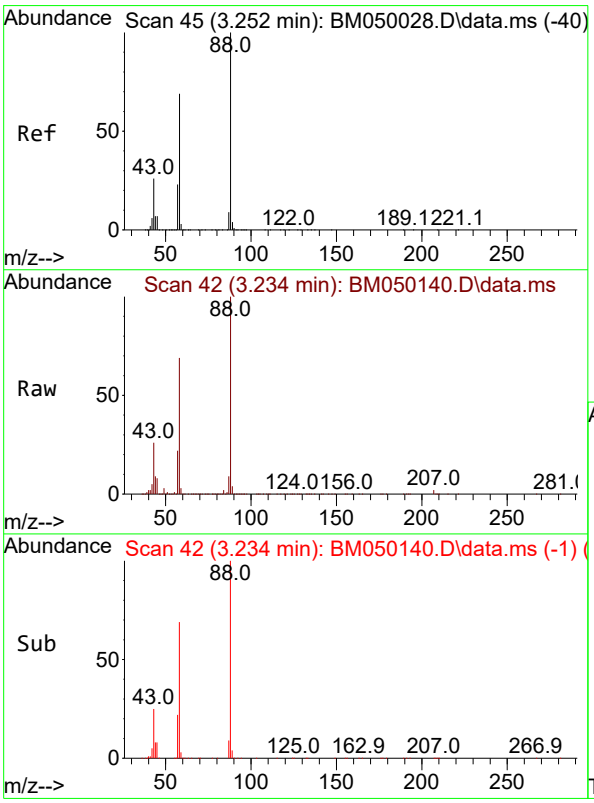
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 370324

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	53.2	41.2	61.8

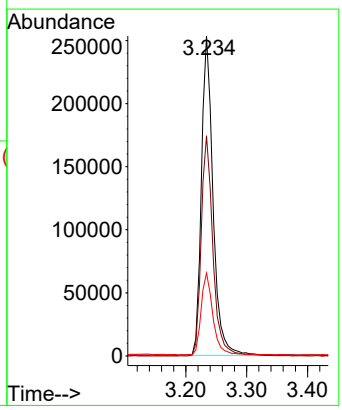


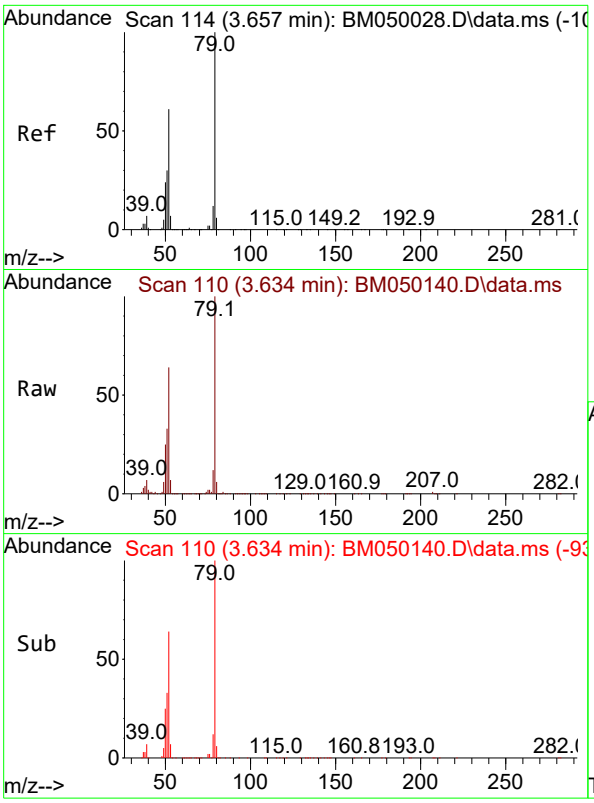


#2
1,4-Dioxane
Concen: 37.001 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 88 Resp: 335516

Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.1	82.7
43	25.9	20.9	31.3



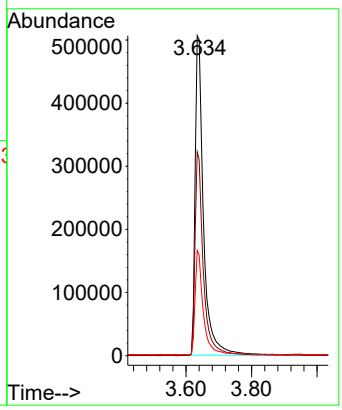


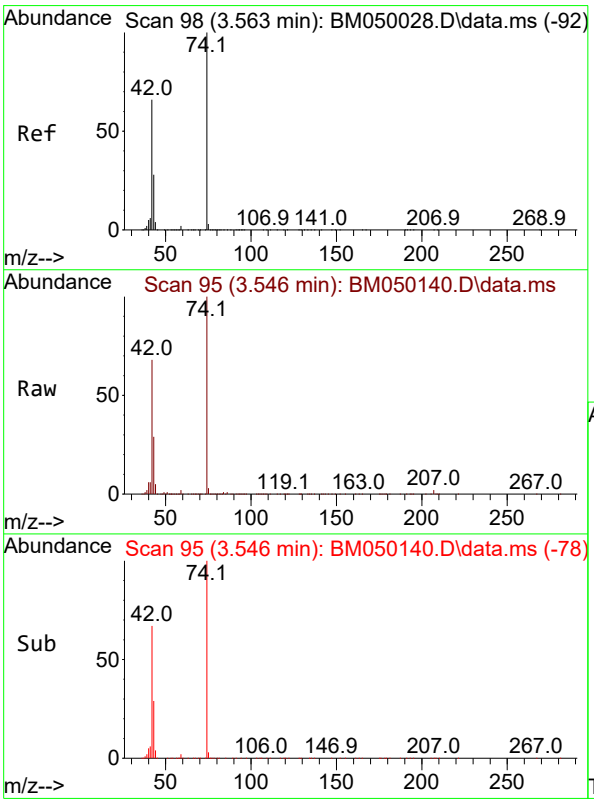
#3
Pyridine
Concen: 38.824 ng
RT: 3.634 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 904531

Ion	Ratio	Lower	Upper
79	100		
52	63.6	48.6	72.8
51	32.9	24.6	37.0

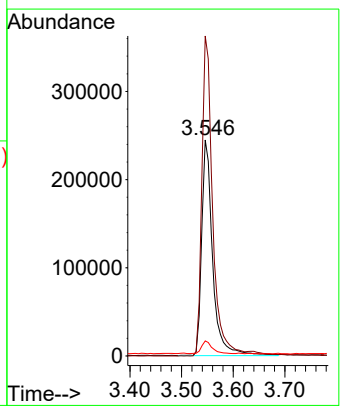


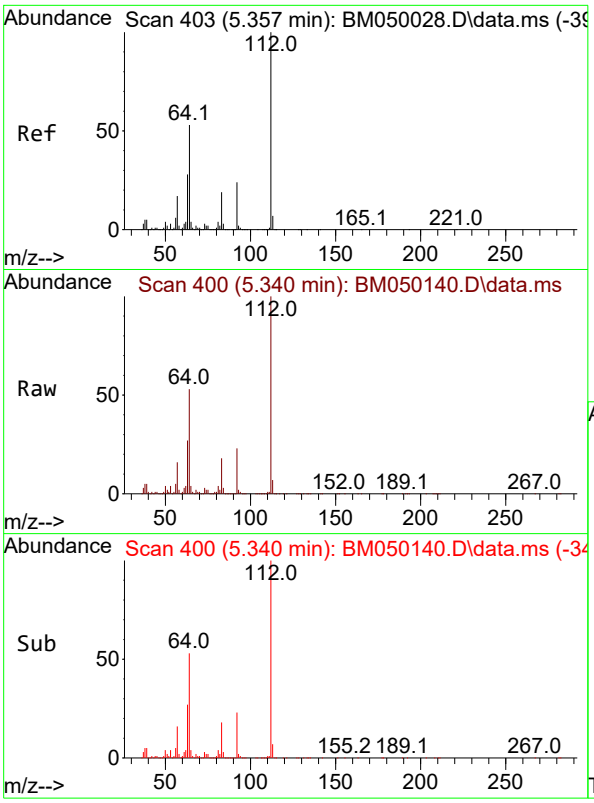


#4
n-Nitrosodimethylamine
Concen: 39.374 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 42 Resp: 359788

Ion	Ratio	Lower	Upper
42	100		
74	148.1	120.2	180.2
44	7.0	6.2	9.2



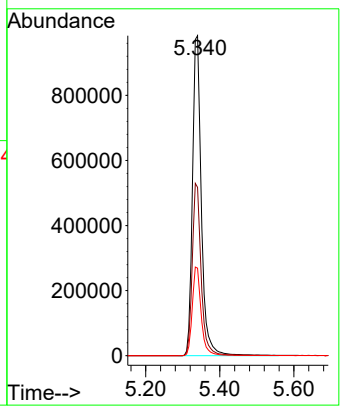


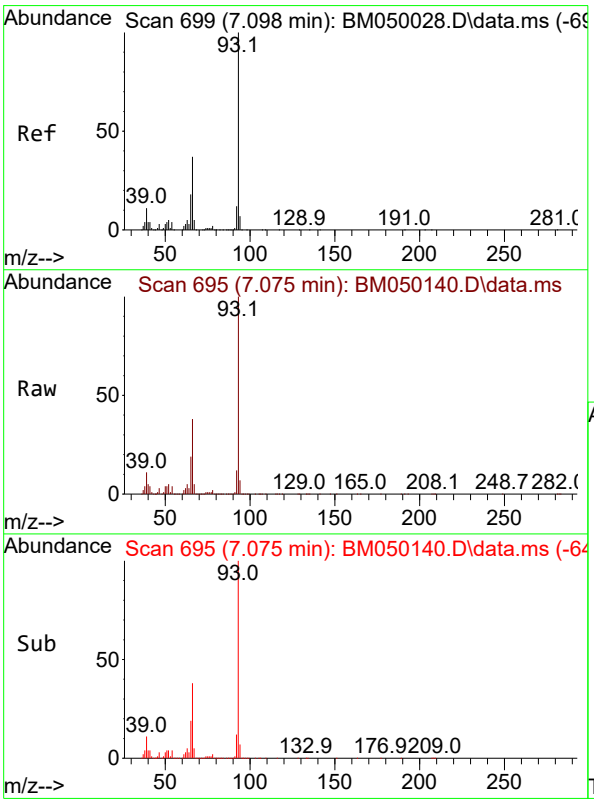
#5
2-Fluorophenol
Concen: 77.661 ng
RT: 5.340 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 1642415

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.6	64.0
63	27.4	22.2	33.4

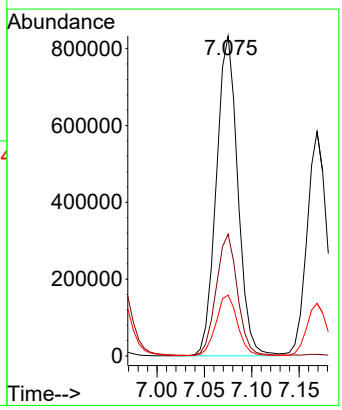


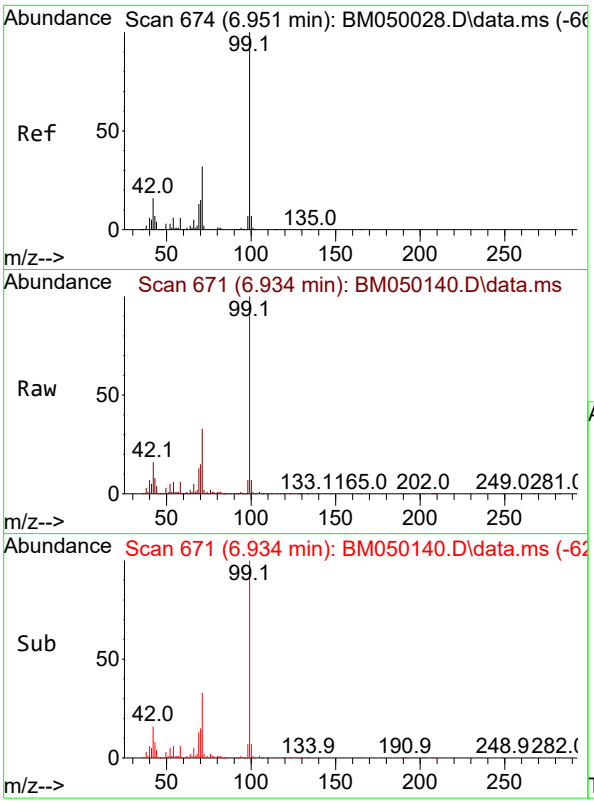


#6
Aniline
Concen: 39.162 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 93 Resp: 1314457

Ion	Ratio	Lower	Upper
93	100		
66	38.0	29.9	44.9
65	19.0	14.5	21.7



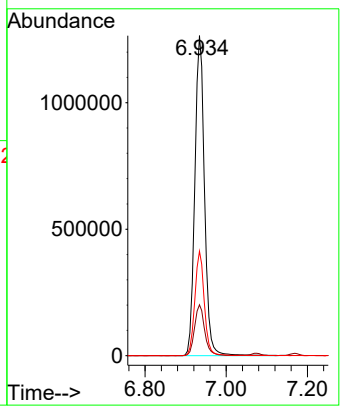


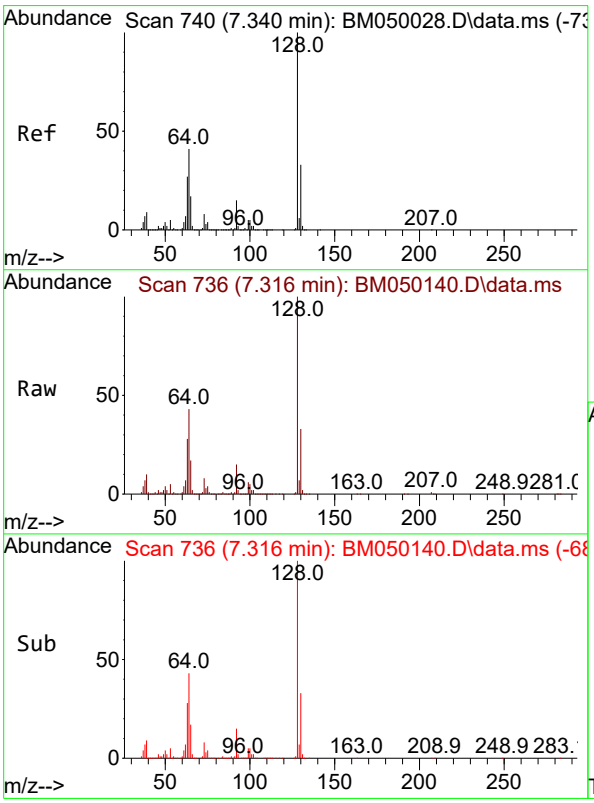
#7
Phenol-d6
Concen: 79.439 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 2111558

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	32.7	25.6	38.4

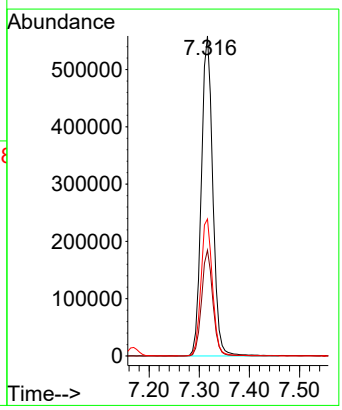


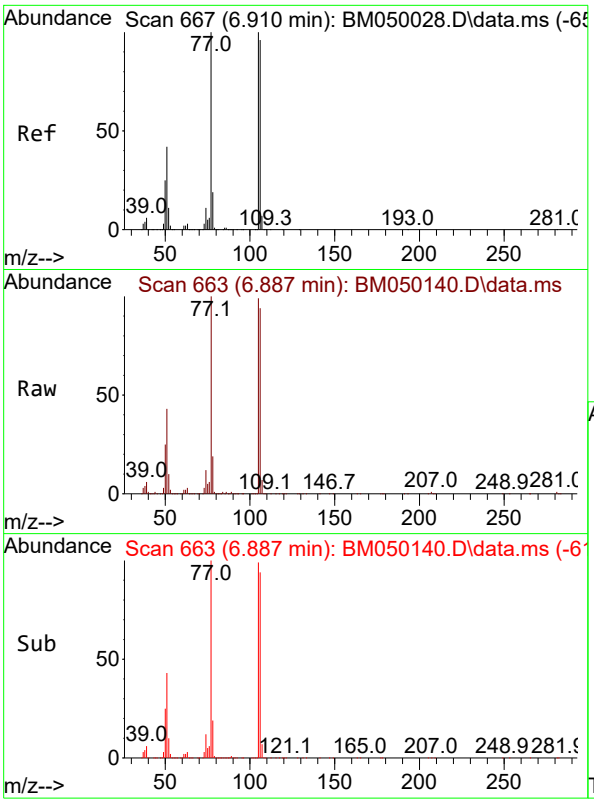


#8
2-Chlorophenol
Concen: 38.813 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:128 Resp: 887499

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	42.8	21.2	61.2



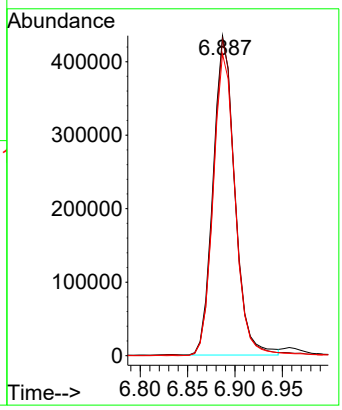


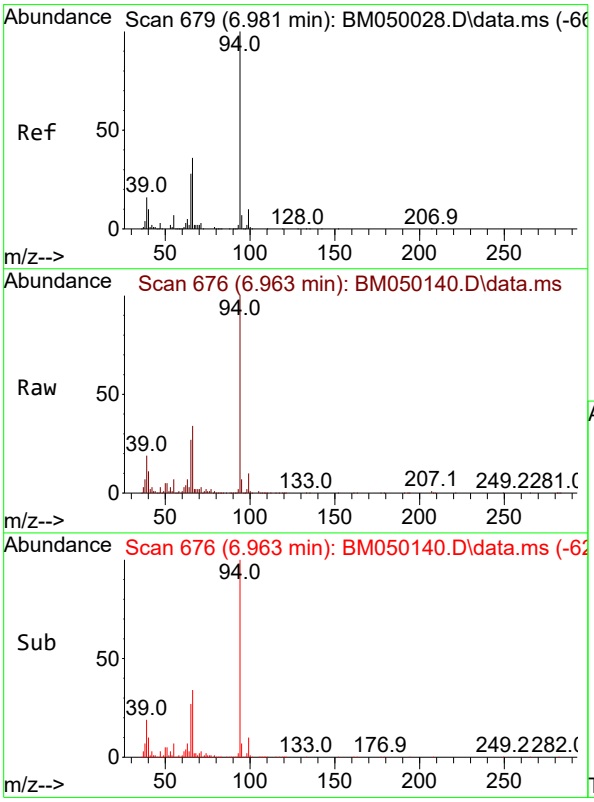
#9
Benzaldehyde
Concen: 38.833 ng
RT: 6.887 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 690756

Ion	Ratio	Lower	Upper
77	100		
105	98.8	80.5	120.5
106	94.3	76.1	116.1

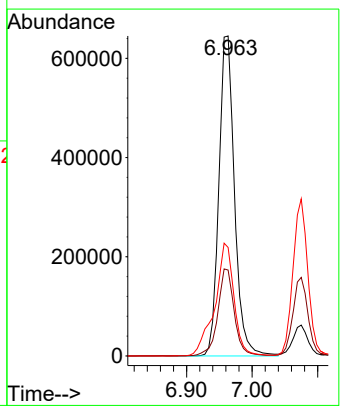


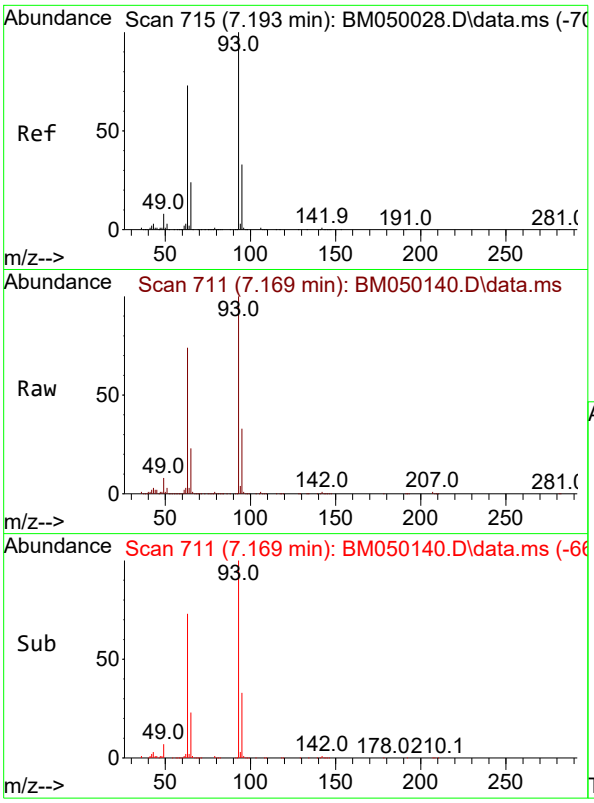


#10
Phenol
Concen: 39.605 ng
RT: 6.963 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 94 Resp: 1065717

Ion	Ratio	Lower	Upper
94	100		
65	26.9	7.6	47.6
66	33.9	15.8	55.8



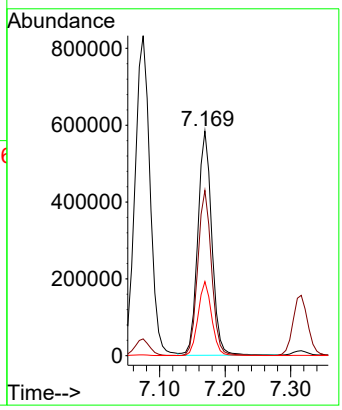


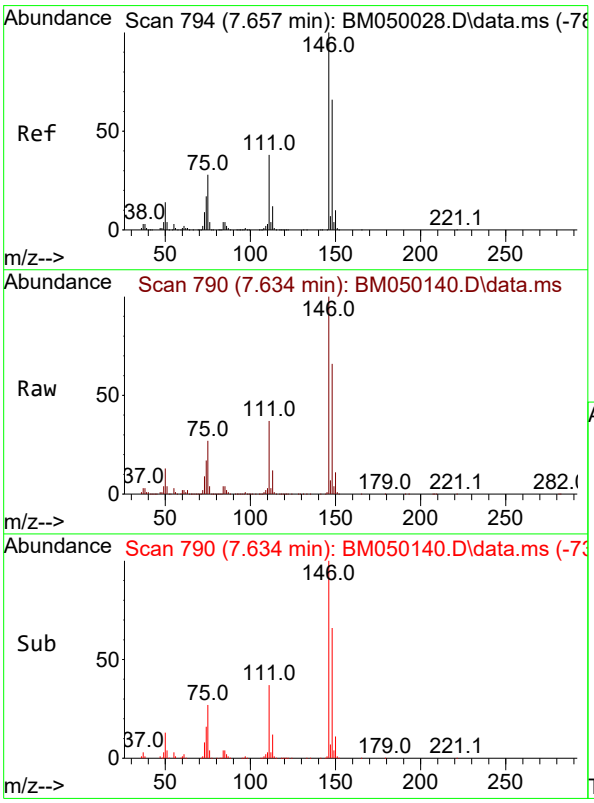
#11
bis(2-Chloroethyl)ether
Concen: 38.447 ng
RT: 7.169 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 863881

Ion	Ratio	Lower	Upper
93	100		
63	73.6	52.3	92.3
95	33.0	12.8	52.8

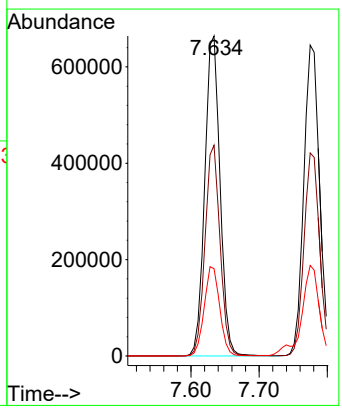


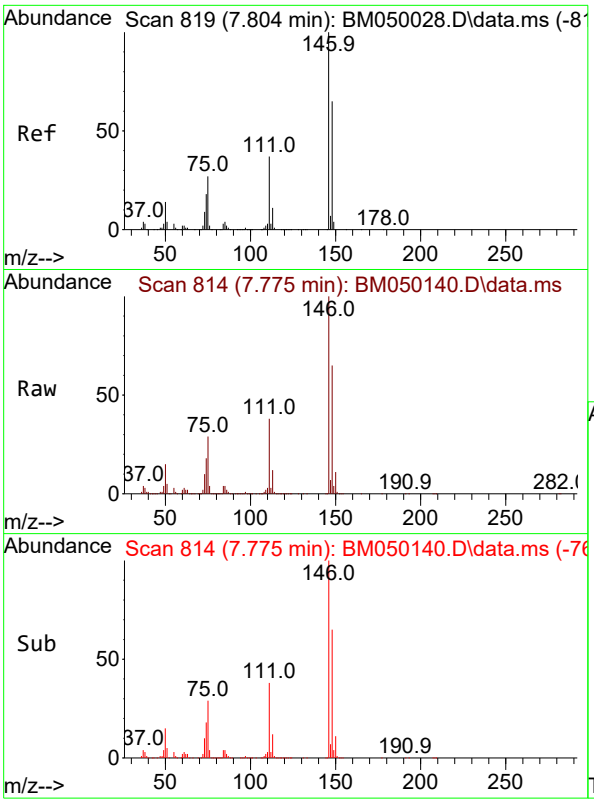


#12
1,3-Dichlorobenzene
Concen: 37.588 ng
RT: 7.634 min Scan# 790
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:146 Resp: 1038233

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.5	78.7
75	27.3	22.6	34.0



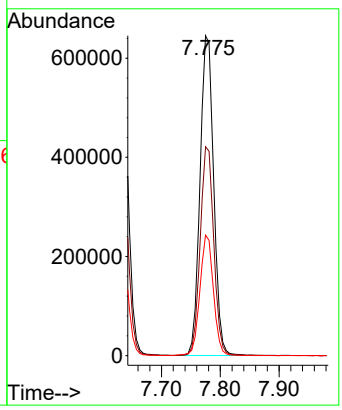


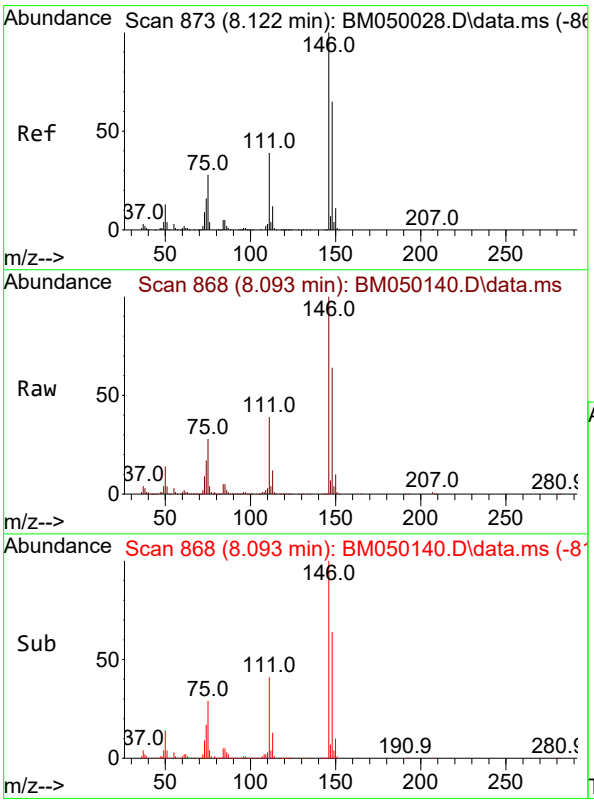
#13
1,4-Dichlorobenzene
Concen: 37.509 ng
RT: 7.775 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 1040843

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	37.7	29.3	43.9

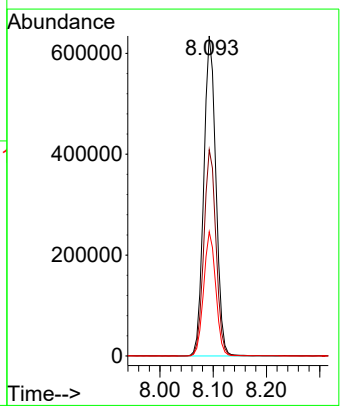


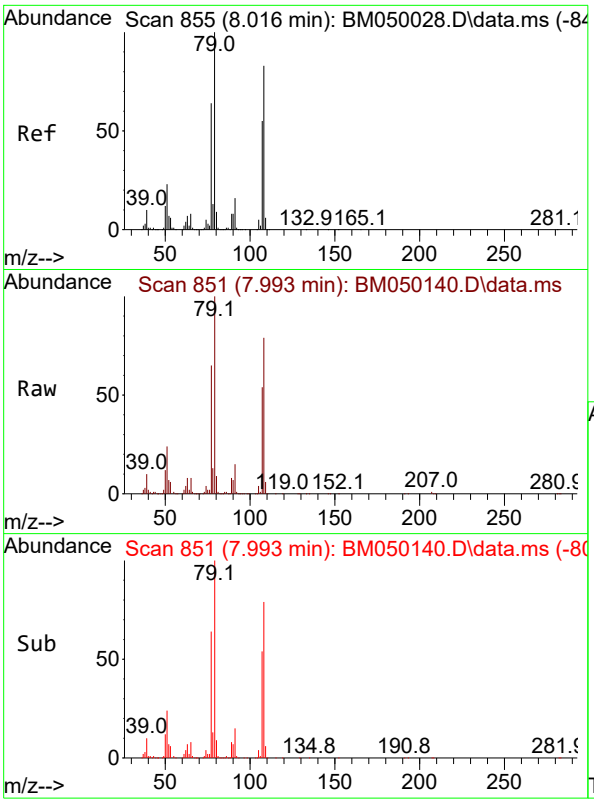


#14
1,2-Dichlorobenzene
Concen: 37.497 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:146 Resp: 1005092

Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.4	78.6
111	38.8	31.0	46.6



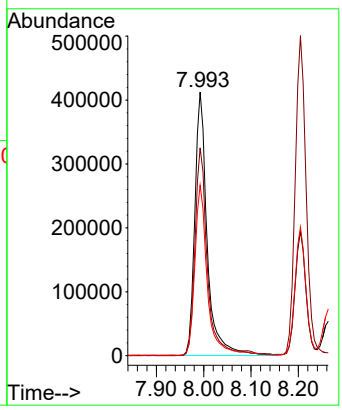


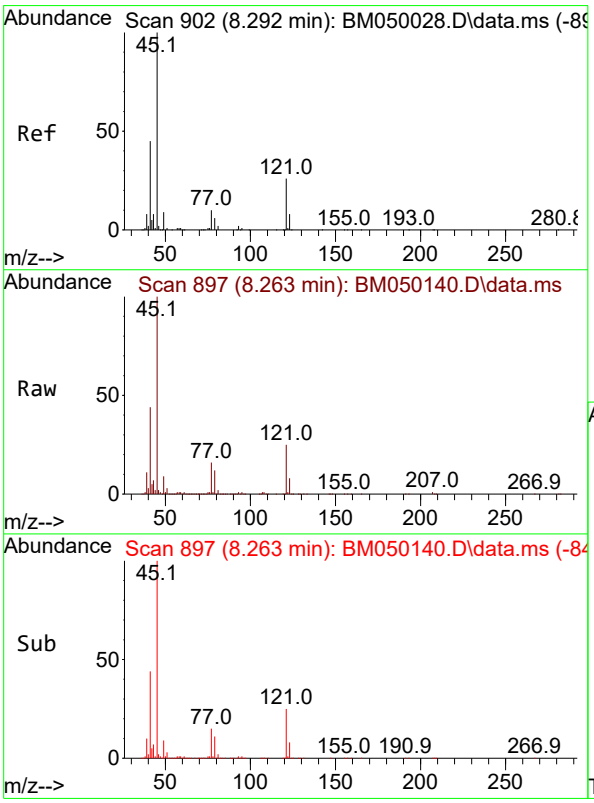
#15
Benzyl Alcohol
Concen: 40.752 ng
RT: 7.993 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 751209

Ion	Ratio	Lower	Upper
79	100		
108	78.9	66.0	99.0
77	64.7	51.6	77.4

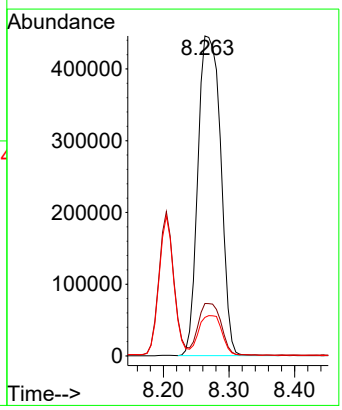


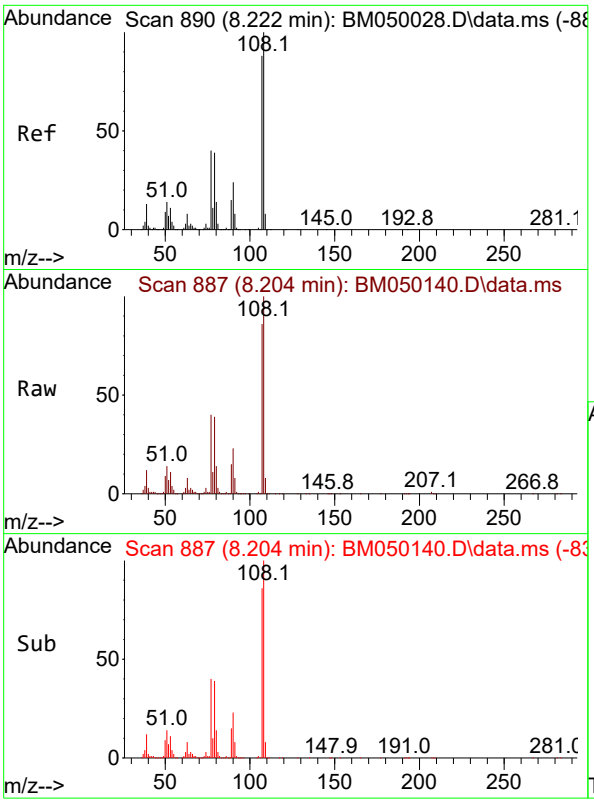


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.406 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 45 Resp: 1076308

Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	36.4
79	12.1	0.0	32.7



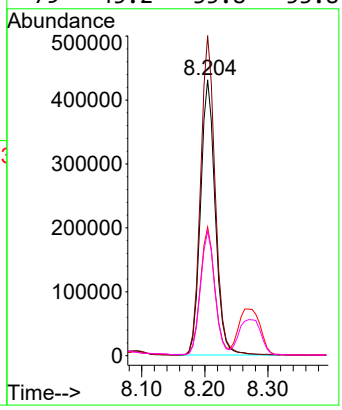


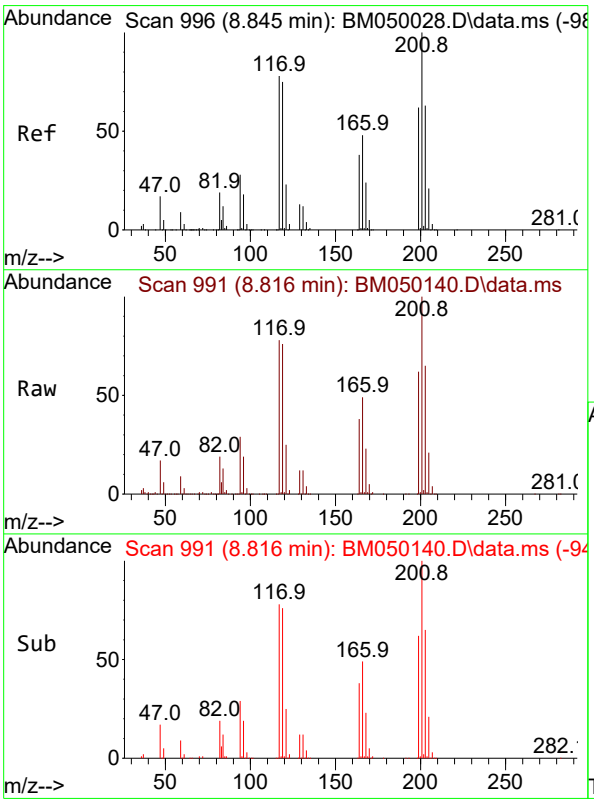
#17
2-Methylphenol
Concen: 39.133 ng
RT: 8.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 693712

Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.1	136.7
77	46.6	36.2	54.4
79	45.2	35.8	53.8

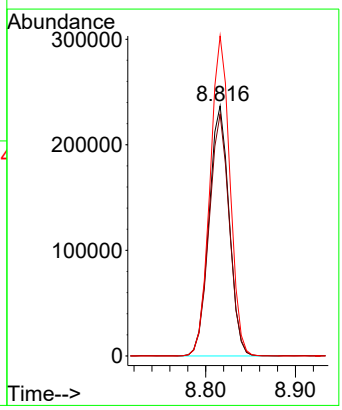


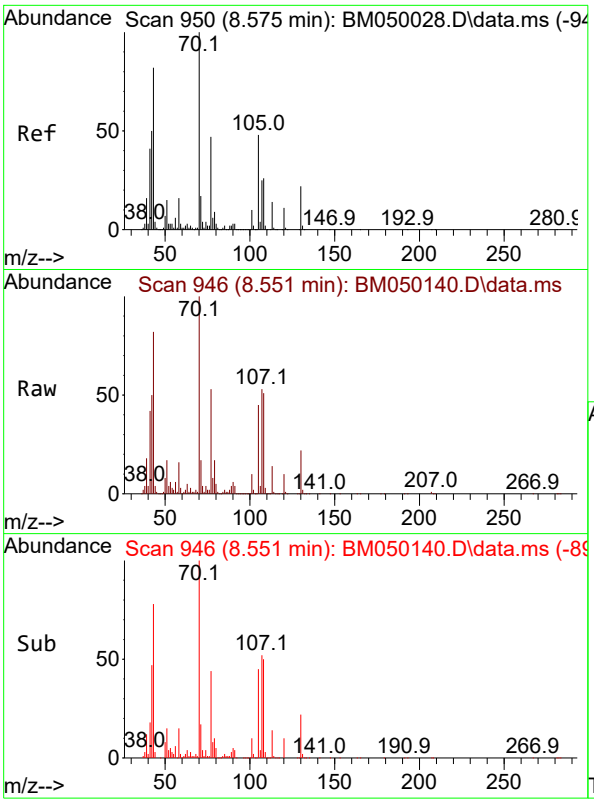


#18
Hexachloroethane
Concen: 37.507 ng
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:117 Resp: 369976

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
201	128.0	102.8	154.2



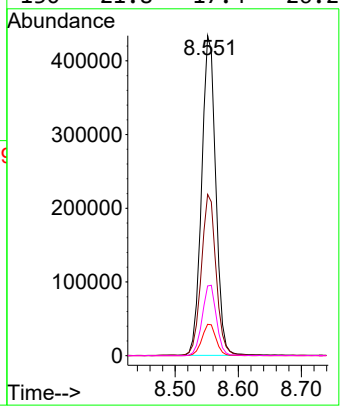


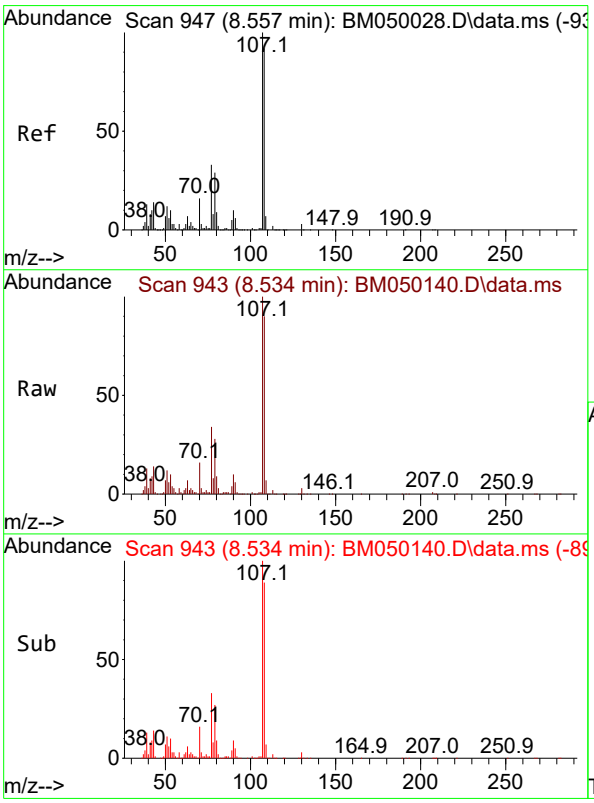
#19
n-Nitroso-di-n-propylamine
Concen: 39.568 ng
RT: 8.551 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 674550

Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.5	60.7
101	9.8	7.8	11.6
130	21.8	17.4	26.2

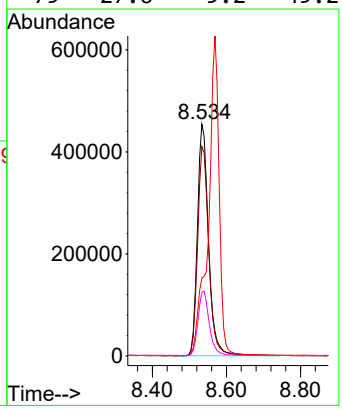


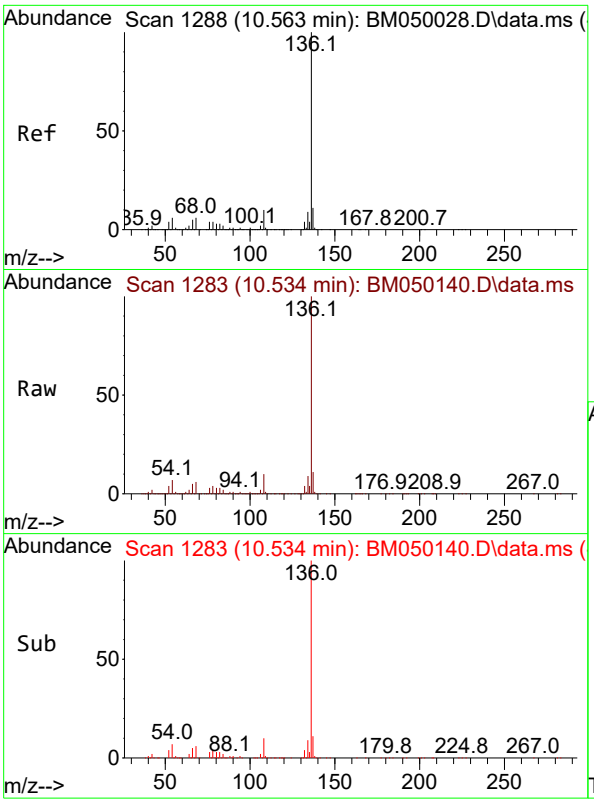


#20
3+4-Methylphenols
Concen: 39.573 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:107 Resp: 947336

Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.4	112.4
77	33.7	13.6	53.6
79	27.6	9.2	49.2



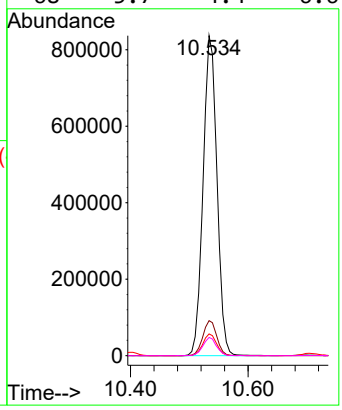


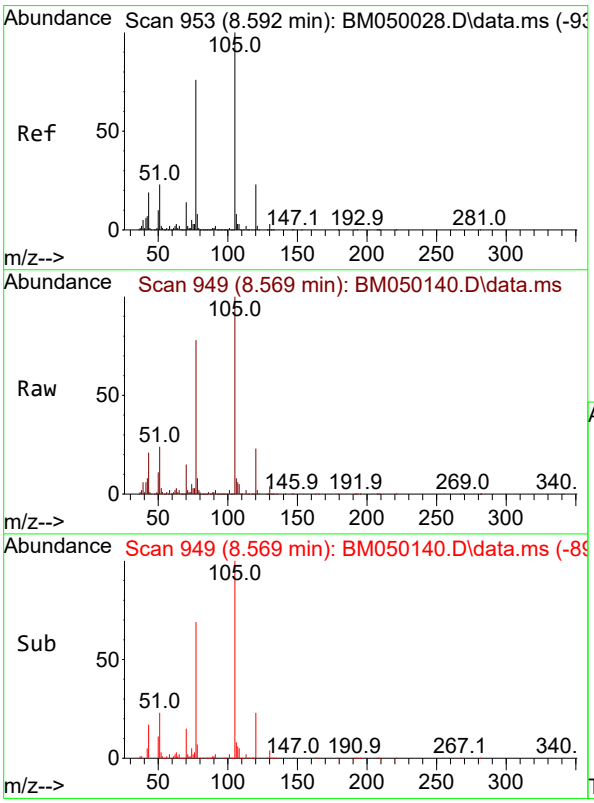
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 1368857

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	5.1	7.7
68	5.7	4.4	6.6

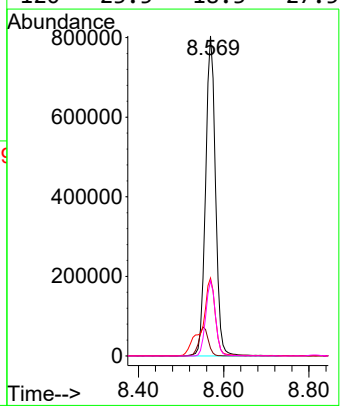


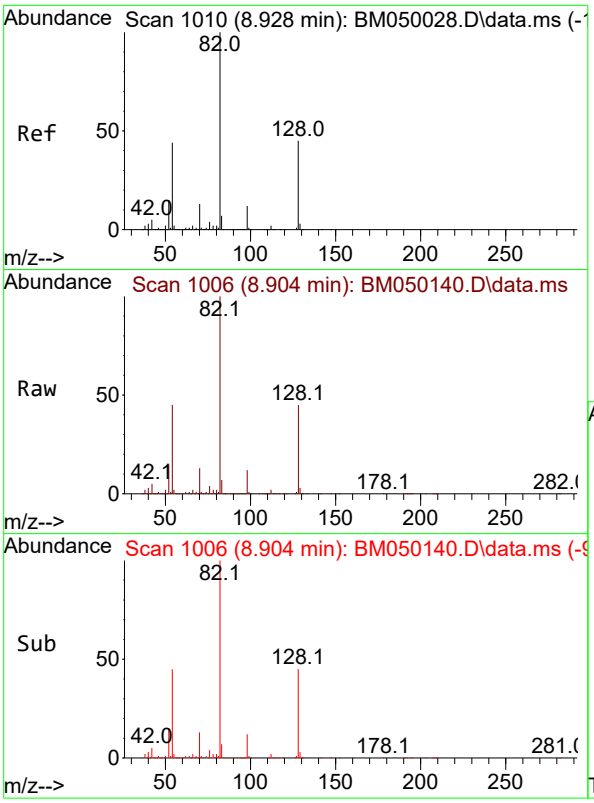


#22
Acetophenone
Concen: 38.153 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:105 Resp: 1298428

Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.7	2.5
51	24.4	18.6	27.8
120	23.5	18.3	27.5



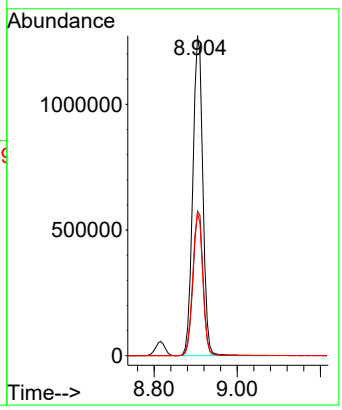


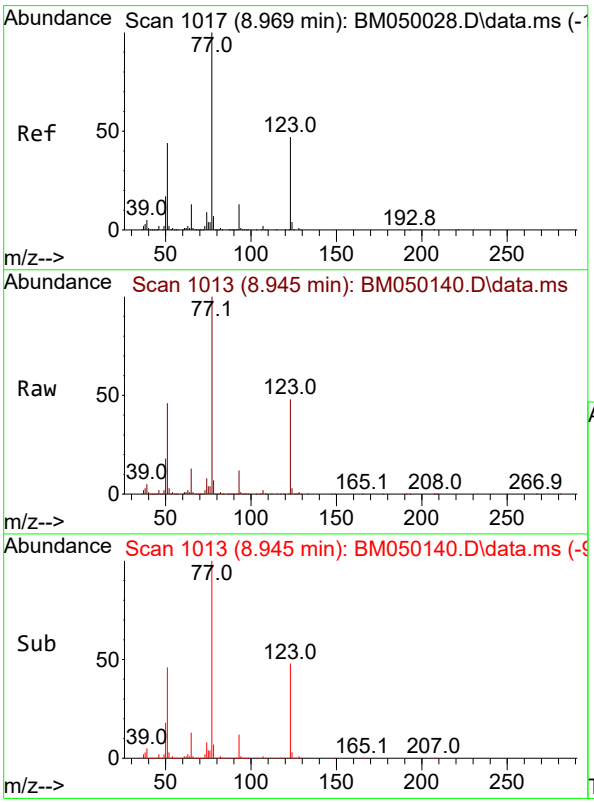
#23
Nitrobenzene-d5
Concen: 76.829 ng
RT: 8.904 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 2134237

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.7	35.4	53.2

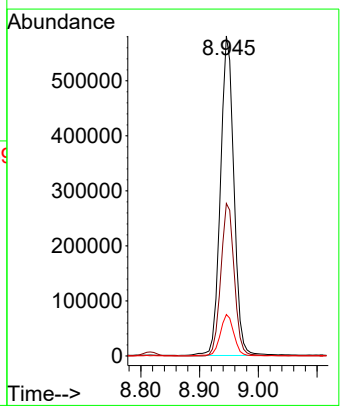


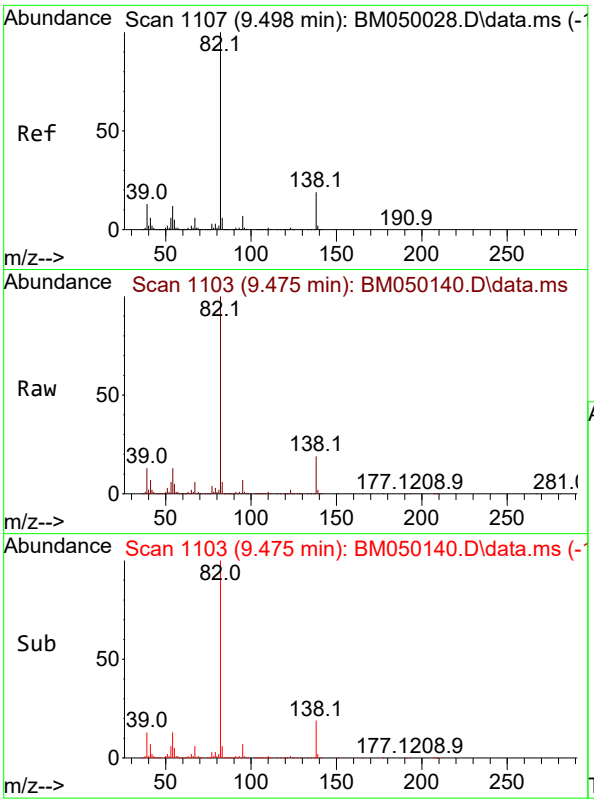


#24
Nitrobenzene
Concen: 38.408 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 77 Resp: 922534

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	12.9	10.1	15.1



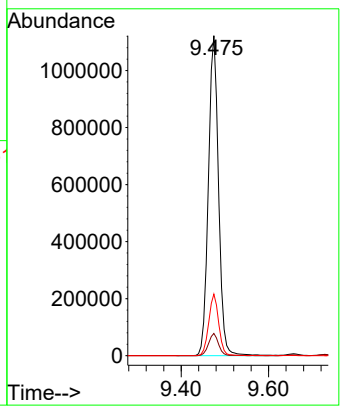


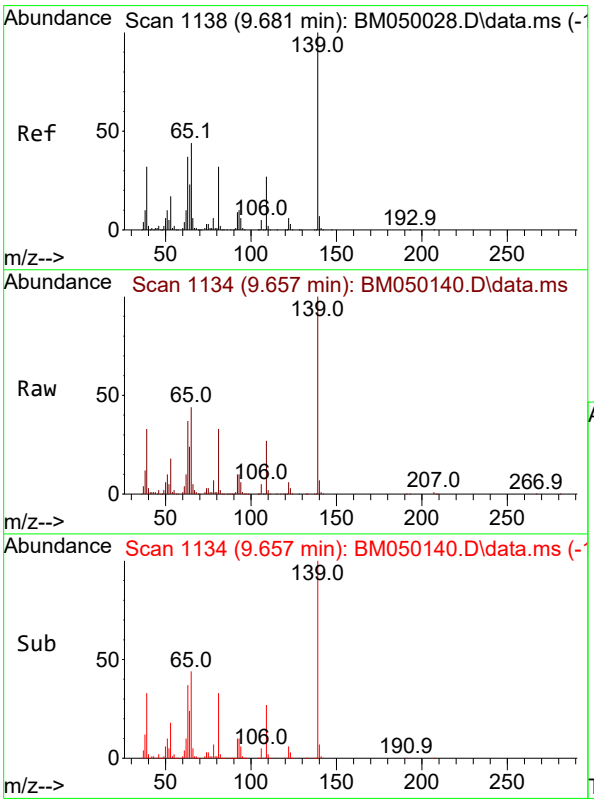
#25
Isophorone
Concen: 38.333 ng
RT: 9.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1815169

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	19.3	15.5	23.3

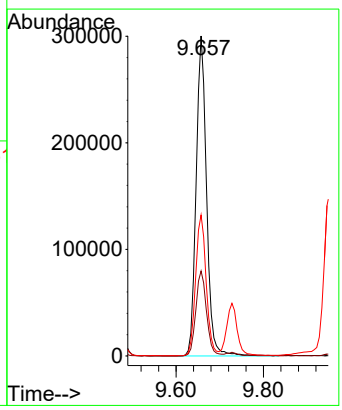


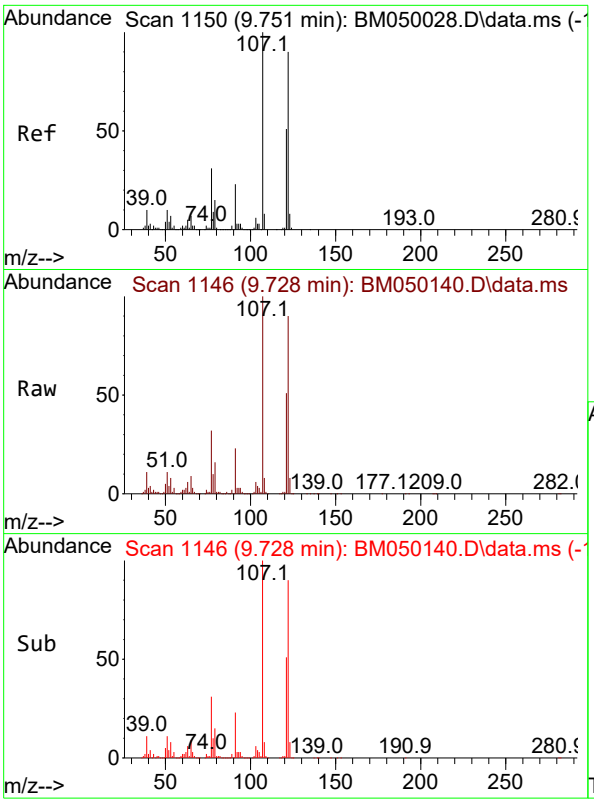


#26
2-Nitrophenol
Concen: 40.755 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:139 Resp: 500100

Ion	Ratio	Lower	Upper
139	100		
109	26.6	21.9	32.9
65	44.1	35.4	53.2



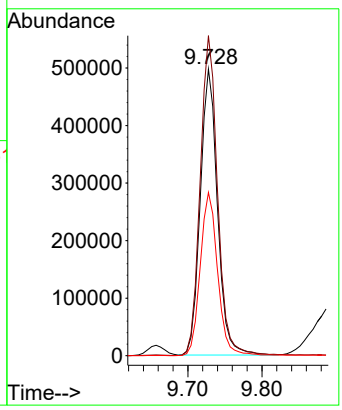


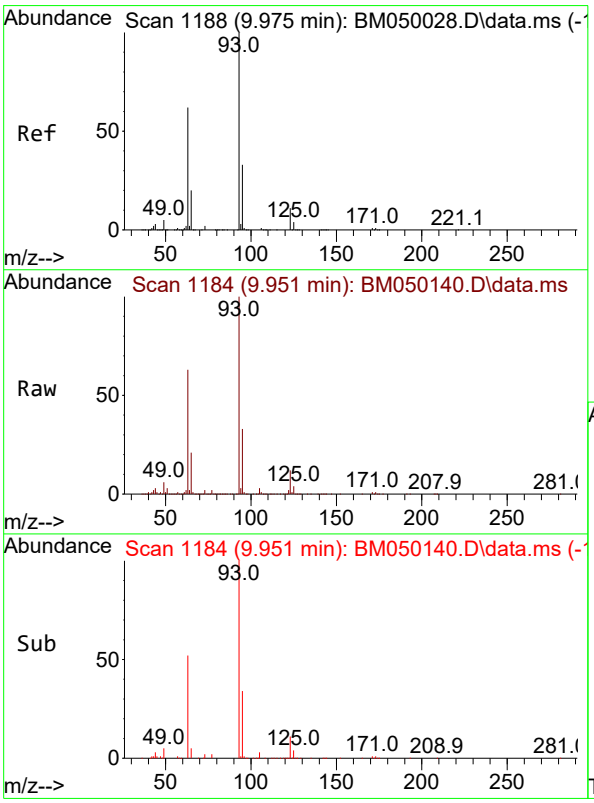
#27
2,4-Dimethylphenol
Concen: 39.354 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 800845

Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.0	133.6
121	56.9	45.6	68.4

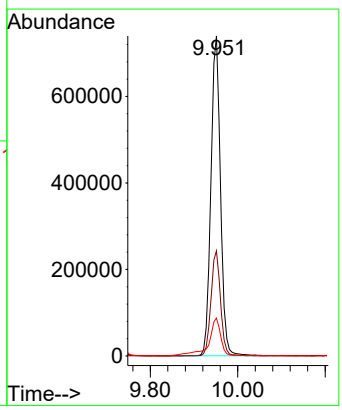


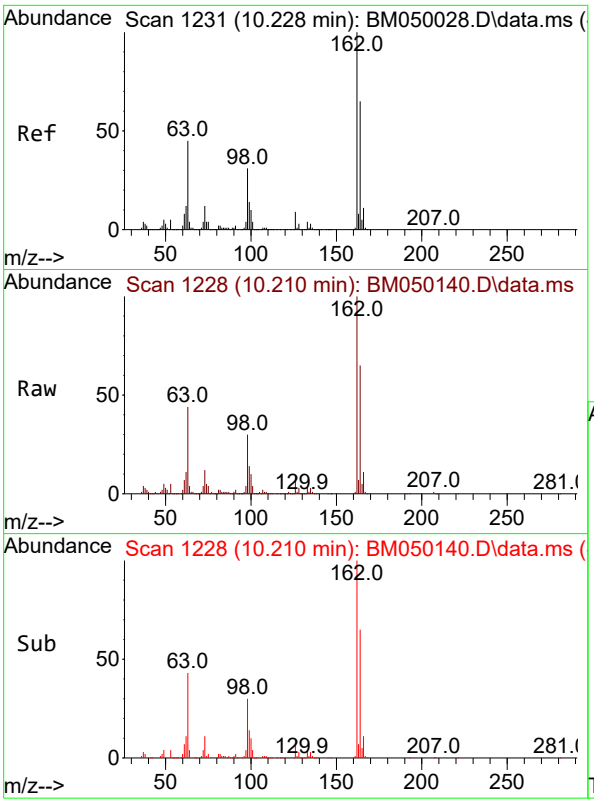


#28
bis(2-Chloroethoxy)methane
Concen: 38.454 ng
RT: 9.951 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 93 Resp: 1125441

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	11.9	9.5	14.3



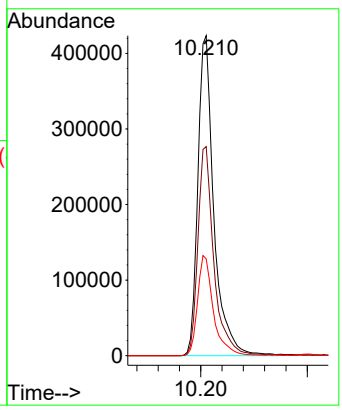


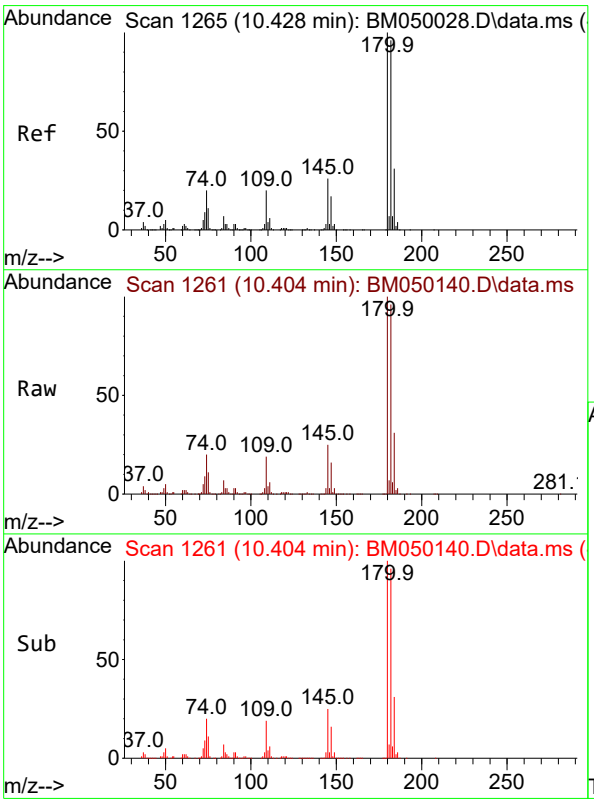
#29
2,4-Dichlorophenol
Concen: 38.708 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 882444

Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	30.2	11.3	51.3

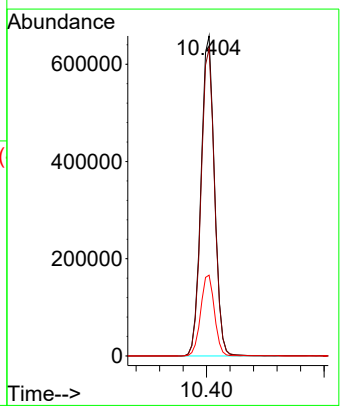


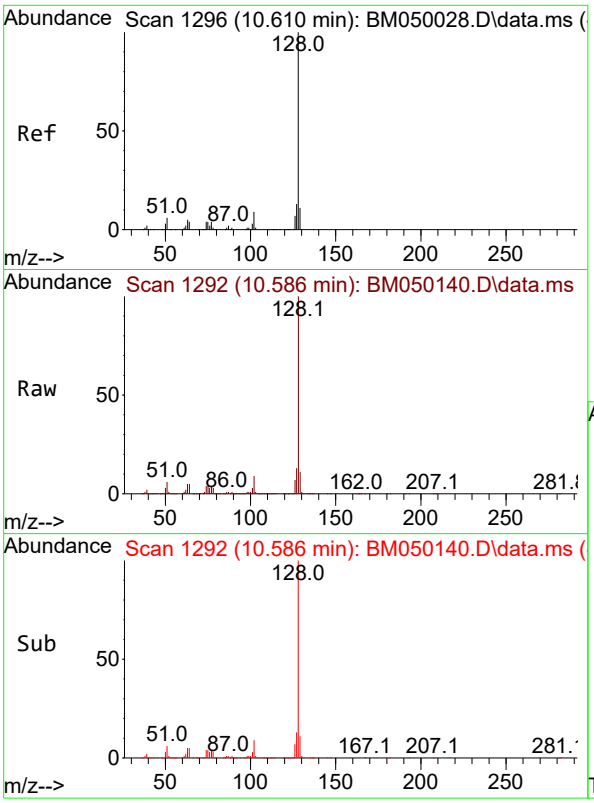


#30
1,2,4-Trichlorobenzene
Concen: 37.563 ng
RT: 10.404 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:180 Resp: 1043351

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.4
145	25.3	20.6	30.8



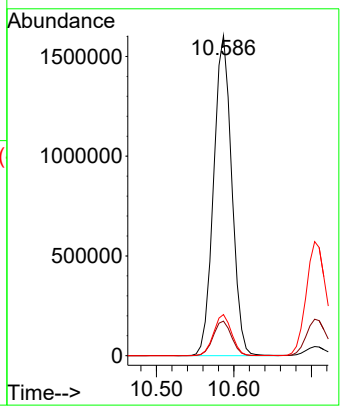


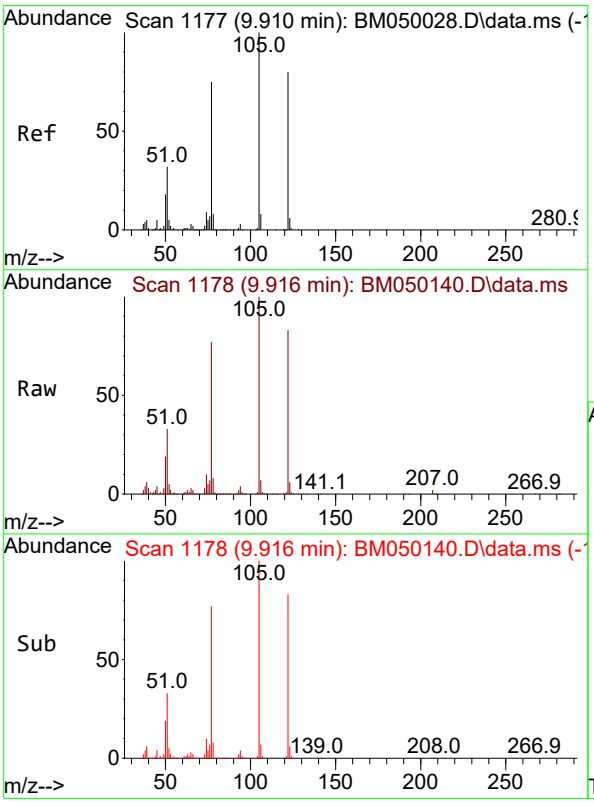
#31
Naphthalene
Concen: 37.486 ng
RT: 10.586 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 2598647

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.9	10.4	15.6

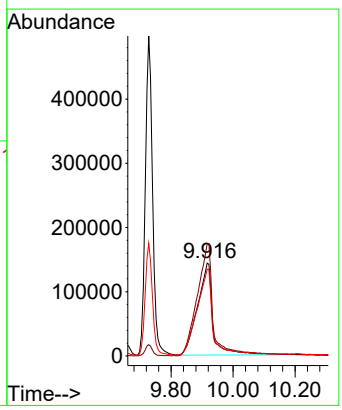


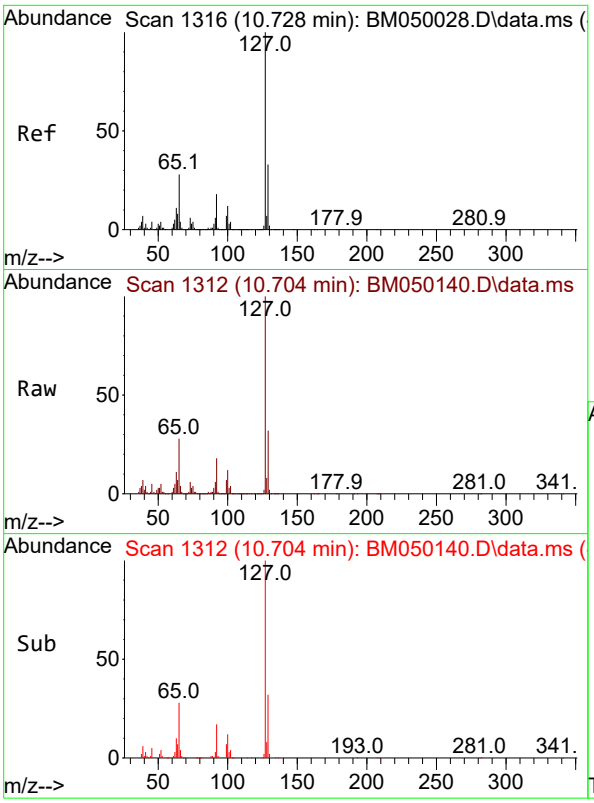


#32
Benzoic acid
Concen: 38.186 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:122 Resp: 496992

Ion	Ratio	Lower	Upper
122	100		
105	120.6	103.6	143.6
77	93.4	73.7	113.7



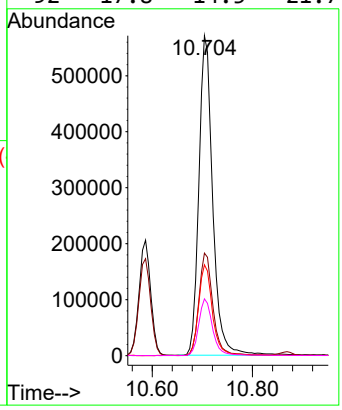


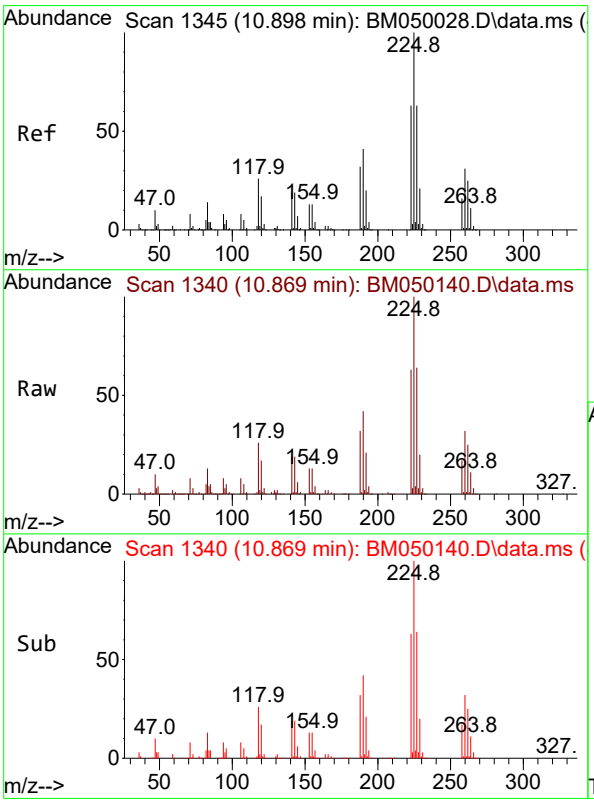
#33
4-Chloroaniline
Concen: 38.483 ng
RT: 10.704 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 1093472

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	28.4	22.5	33.7
92	17.8	14.5	21.7

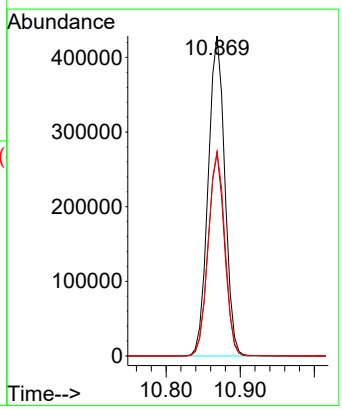


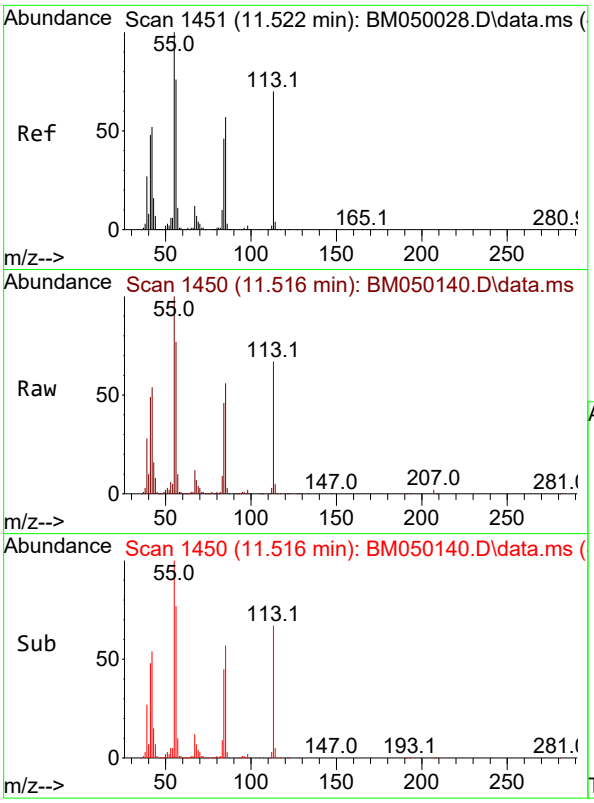


#34
Hexachlorobutadiene
Concen: 37.817 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:225 Resp: 666762

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.2
227	64.0	50.6	76.0



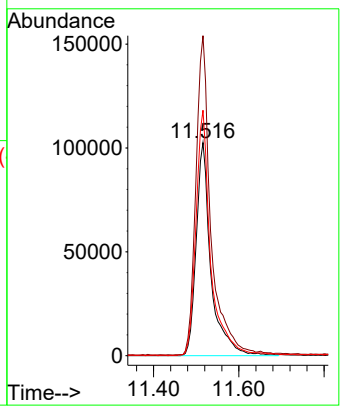


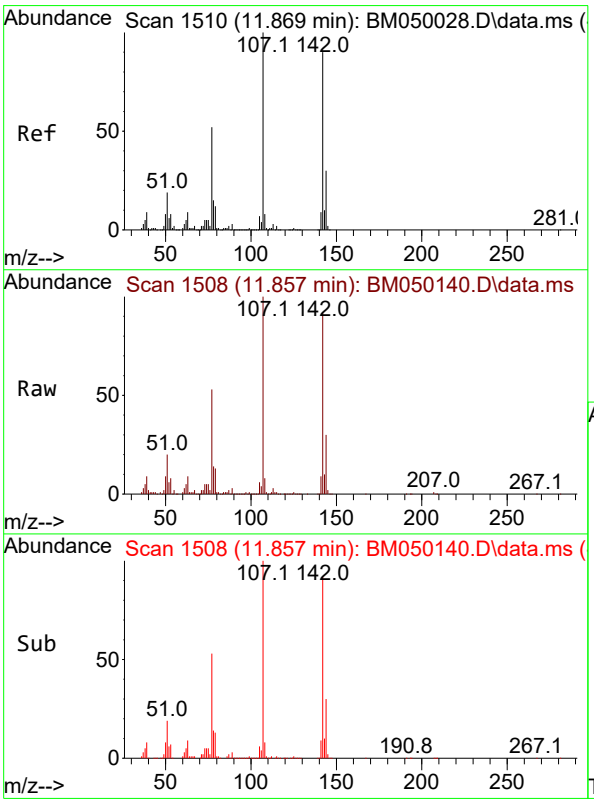
#35
Caprolactam
Concen: 37.121 ng
RT: 11.516 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 246749

Ion	Ratio	Lower	Upper
113	100		
55	150.2	122.9	162.9
56	115.2	88.1	128.1

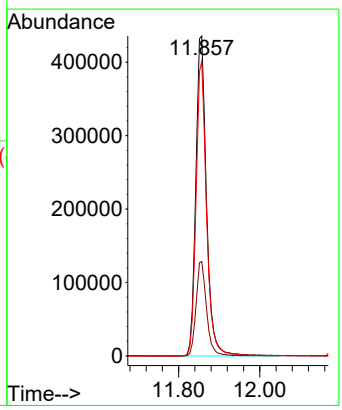


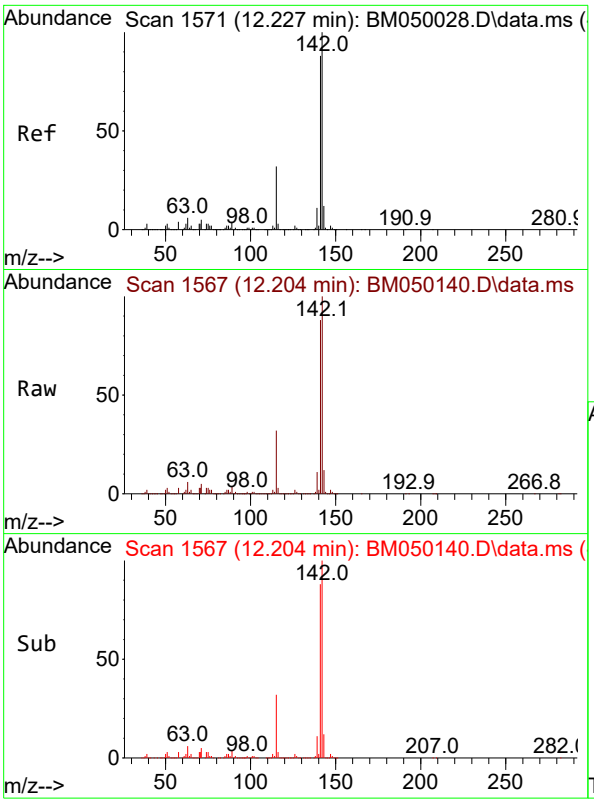


#36
4-Chloro-3-methylphenol
Concen: 38.140 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:107 Resp: 803329

Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.8	35.6
142	92.1	71.9	107.9



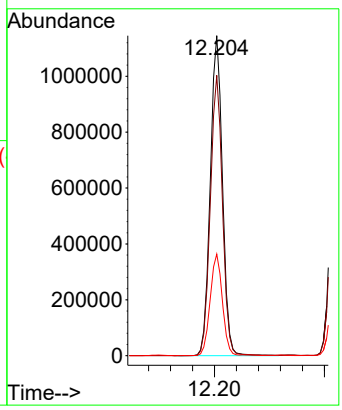


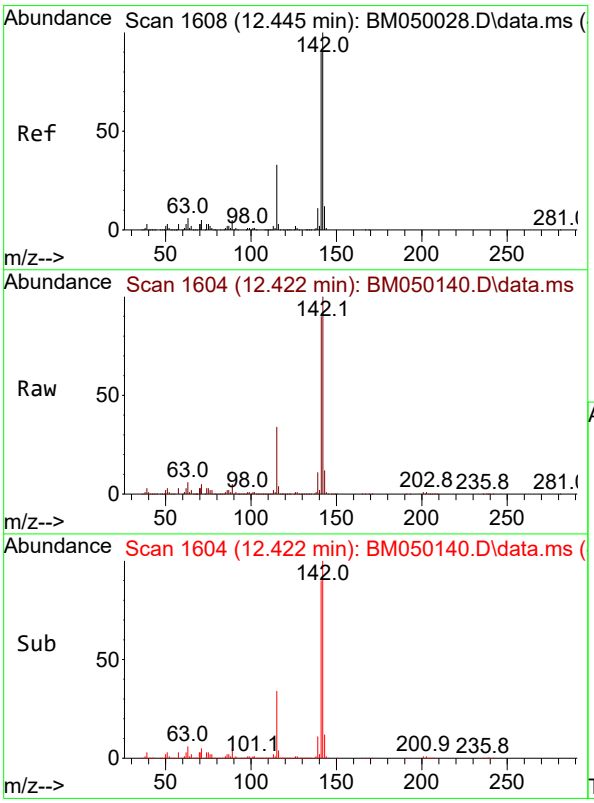
#37
2-Methylnaphthalene
Concen: 37.896 ng
RT: 12.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 1761314

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.4	105.6
115	31.8	25.4	38.2

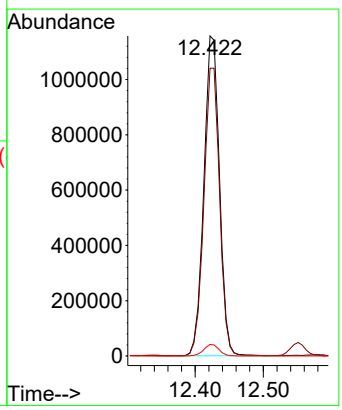


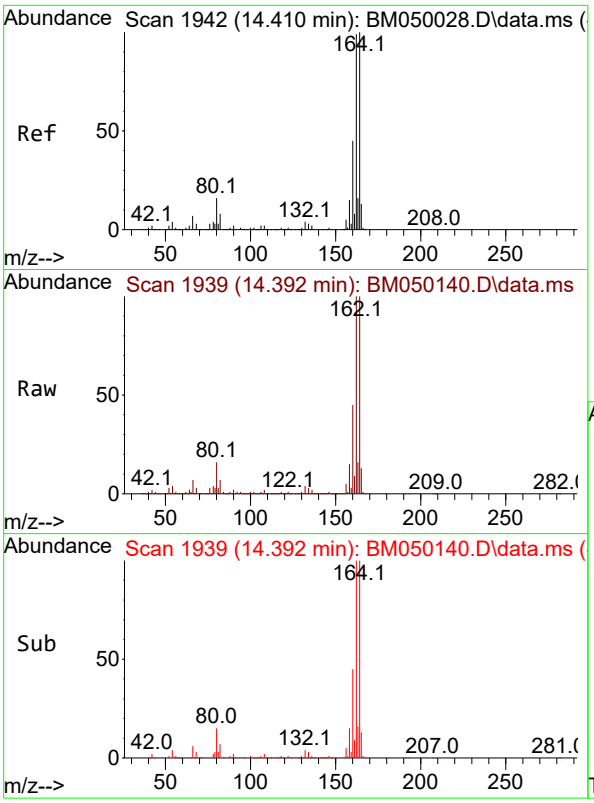


#38
1-Methylnaphthalene
Concen: 37.410 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:142 Resp: 1840027

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1
116	3.6	2.7	4.1



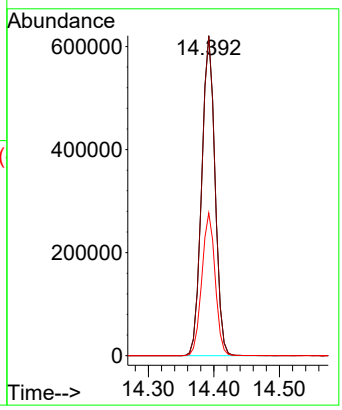


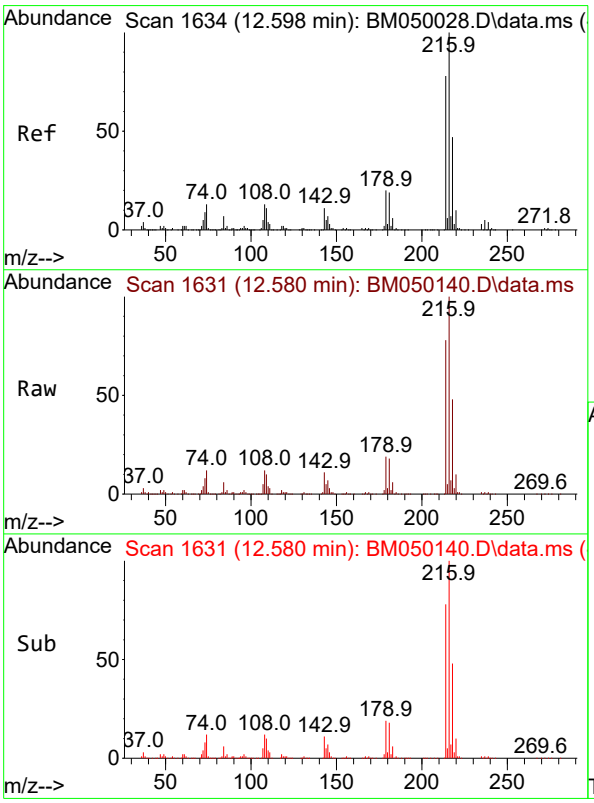
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 879874

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.4	119.0
160	44.6	36.2	54.4

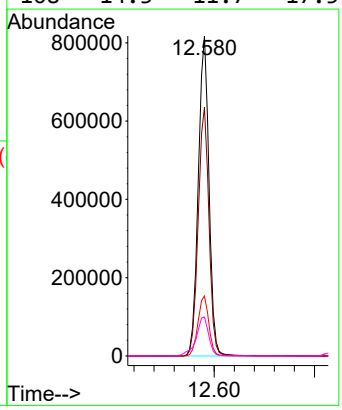


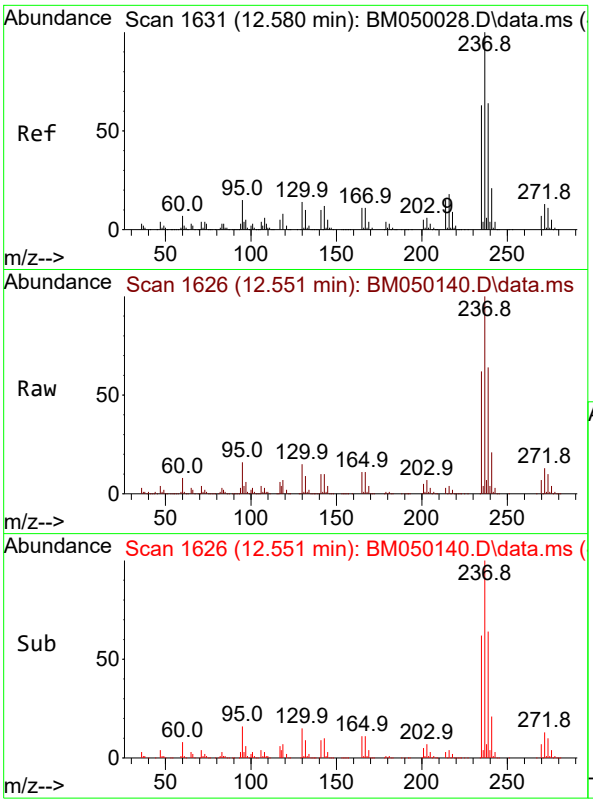


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.649 ng
RT: 12.580 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:216 Resp: 1207652

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	19.2	15.4	23.0
108	14.3	11.7	17.5



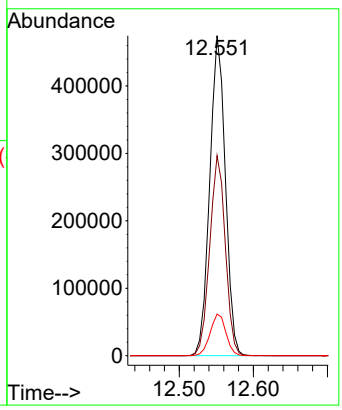


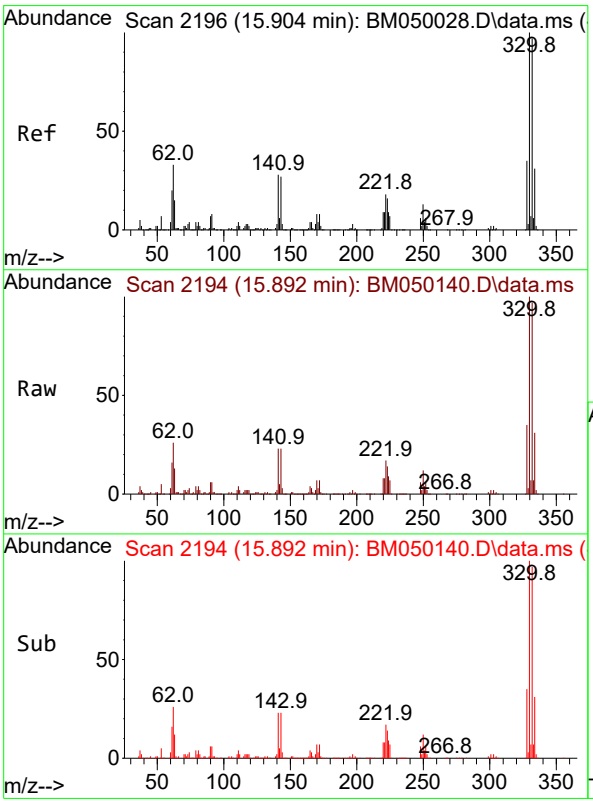
#41
Hexachlorocyclopentadiene
Concen: 37.227 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 692945

Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.9	82.9
272	13.0	0.0	32.9

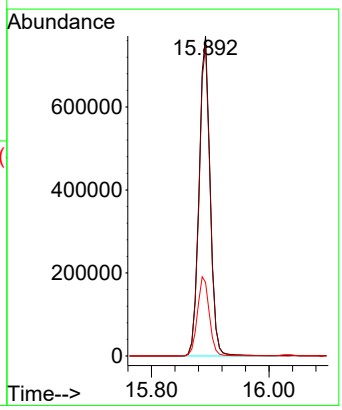


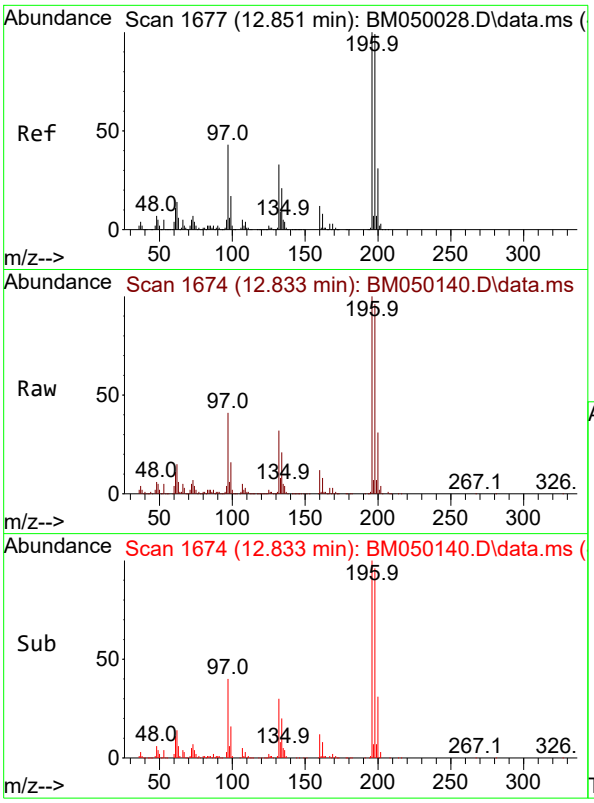


#42
2,4,6-Tribromophenol
Concen: 77.306 ng
RT: 15.892 min Scan# 2194
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:330 Resp: 1005758

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	26.5	22.5	33.7



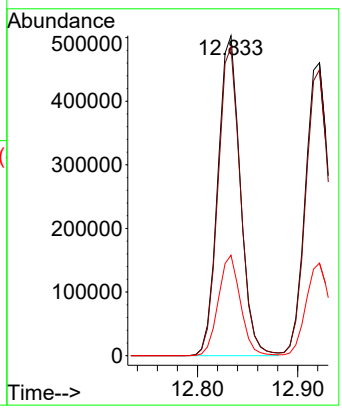


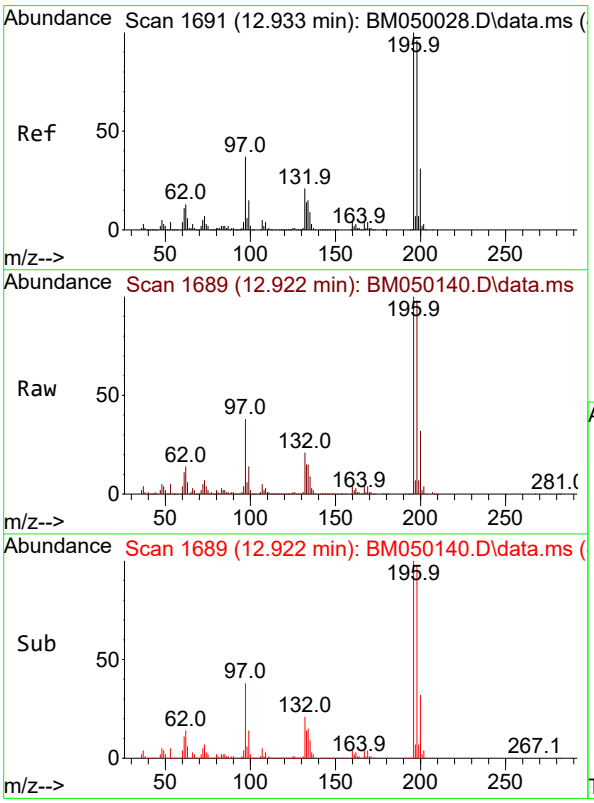
#43
2,4,6-Trichlorophenol
Concen: 40.452 ng
RT: 12.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 781494

Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.0	118.6
200	31.4	25.1	37.7

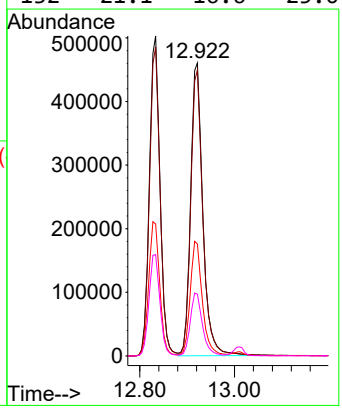


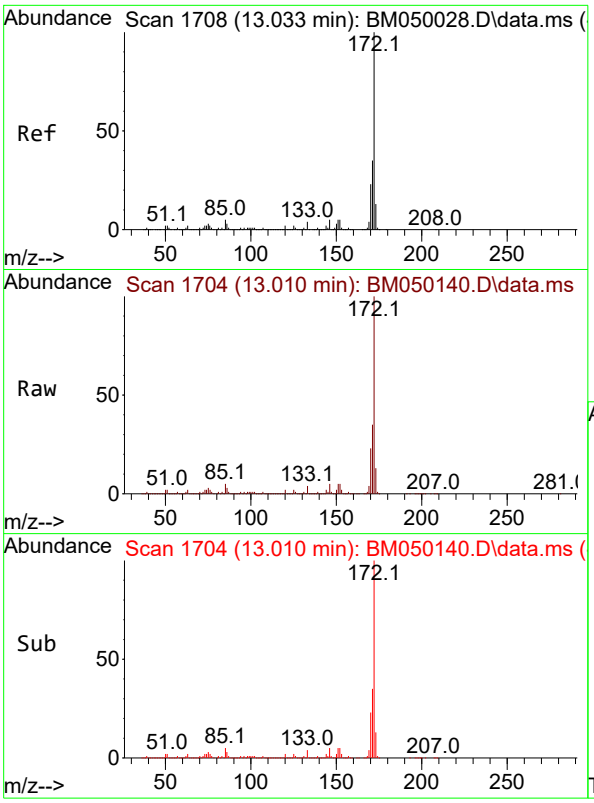


#44
2,4,5-Trichlorophenol
Concen: 39.727 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:196 Resp: 827607

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.7	115.1
97	38.2	30.1	45.1
132	21.1	16.6	25.0



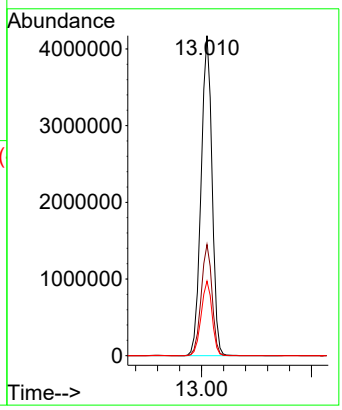


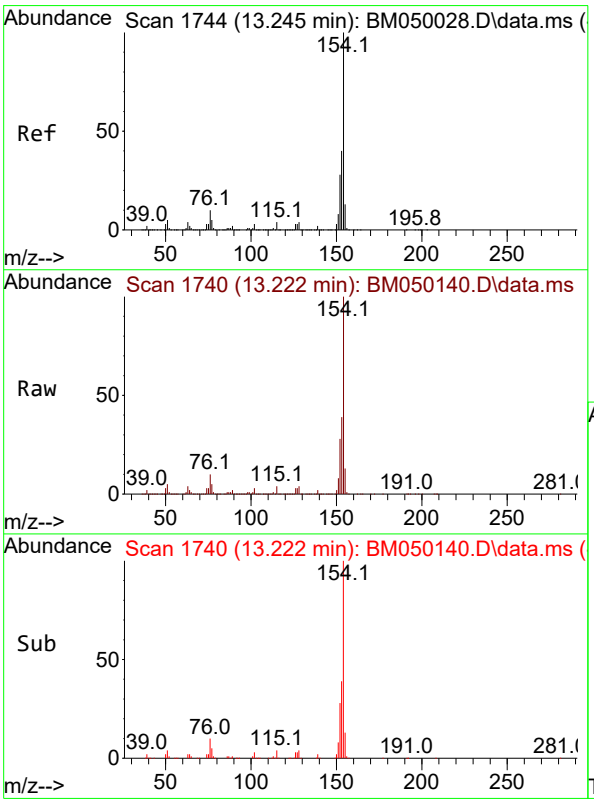
#45
2-Fluorobiphenyl
Concen: 77.598 ng
RT: 13.010 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5771543

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	28.0

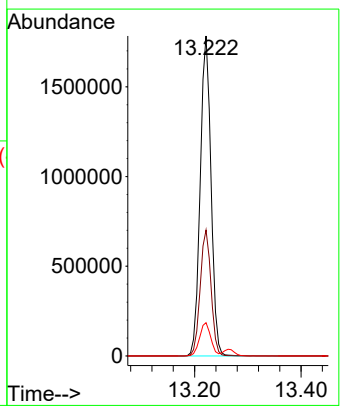


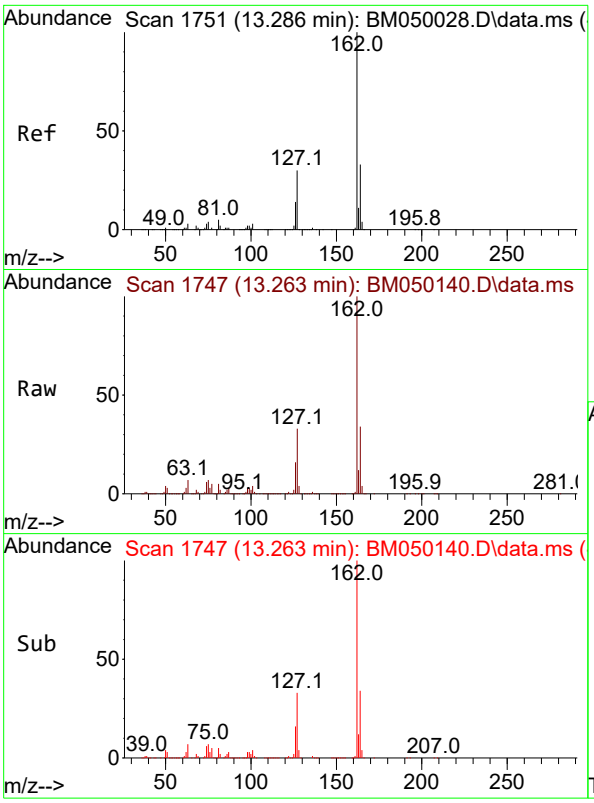


#46
1,1'-Biphenyl
Concen: 38.256 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:154 Resp: 2502138

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	10.4	0.0	30.3



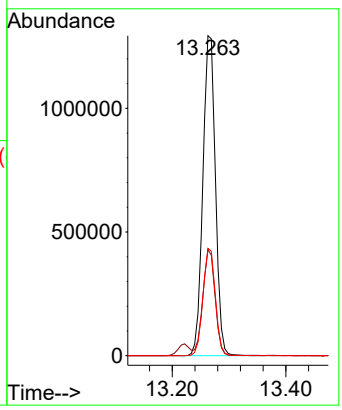


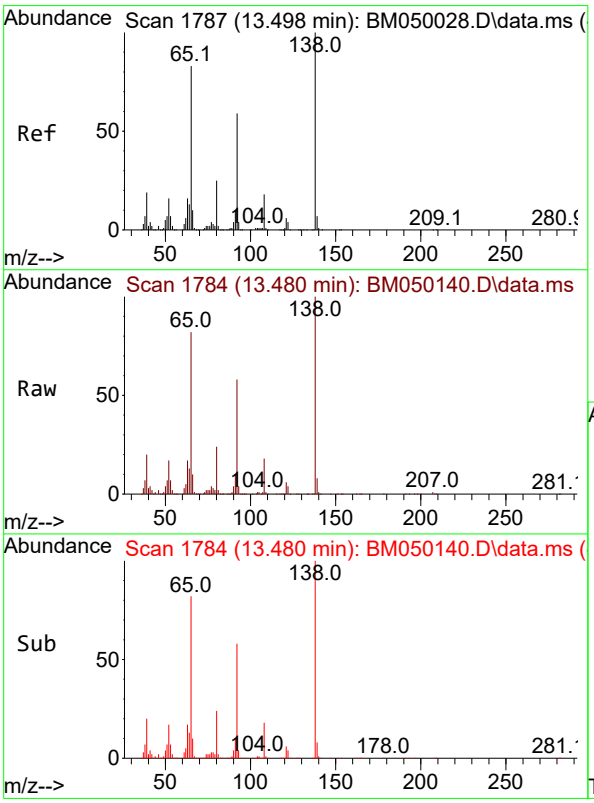
#47
2-Chloronaphthalene
Concen: 38.200 ng
RT: 13.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 1978827

Ion	Ratio	Lower	Upper
162	100		
127	33.2	25.9	38.9
164	33.5	26.6	40.0

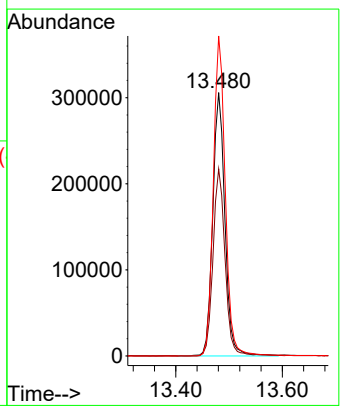


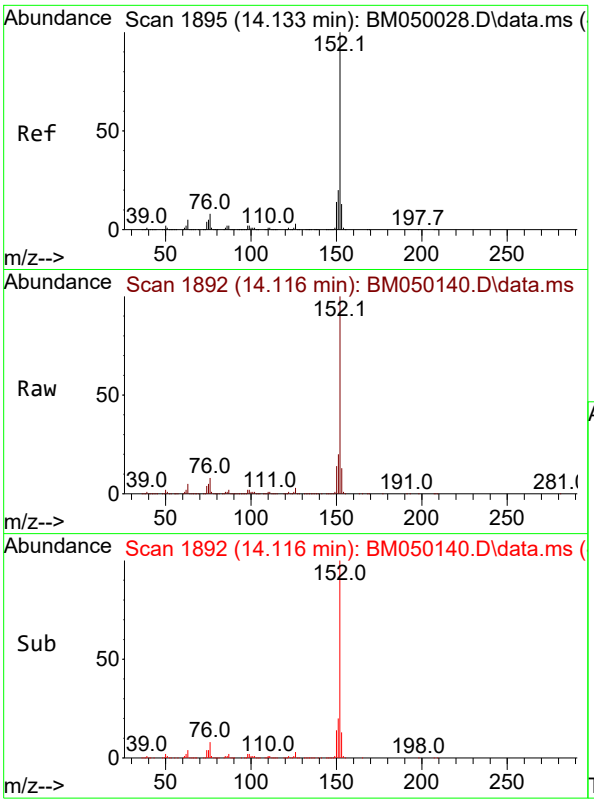


#48
2-Nitroaniline
Concen: 40.071 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion: 65 Resp: 487178

Ion	Ratio	Lower	Upper
65	100		
92	71.0	57.1	85.7
138	121.5	97.0	145.4



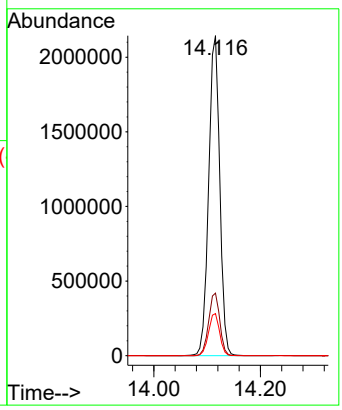


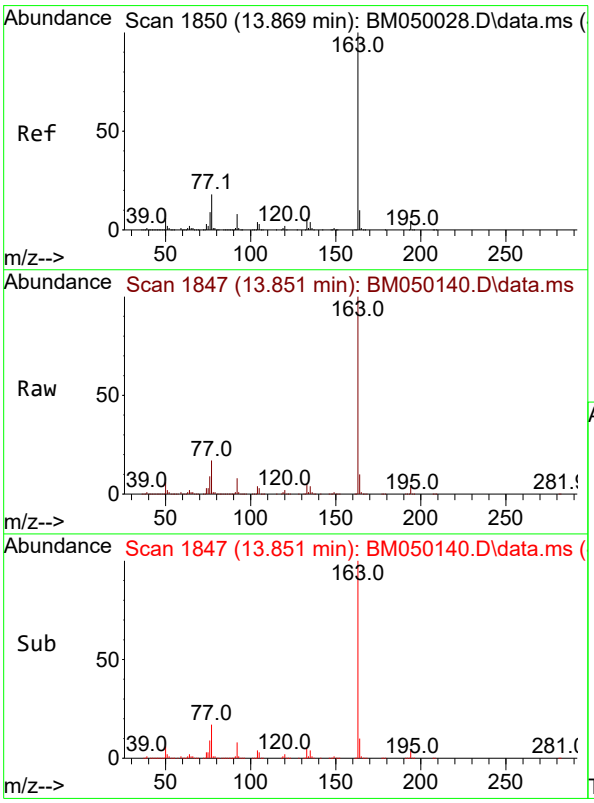
#49
Acenaphthylene
Concen: 37.967 ng
RT: 14.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 3100974

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.2	10.6	15.8

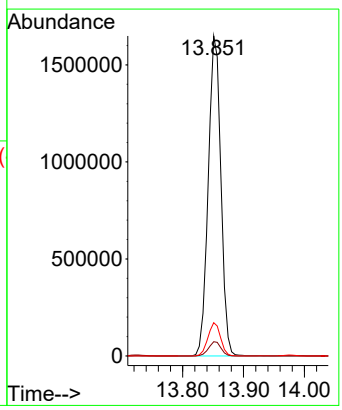


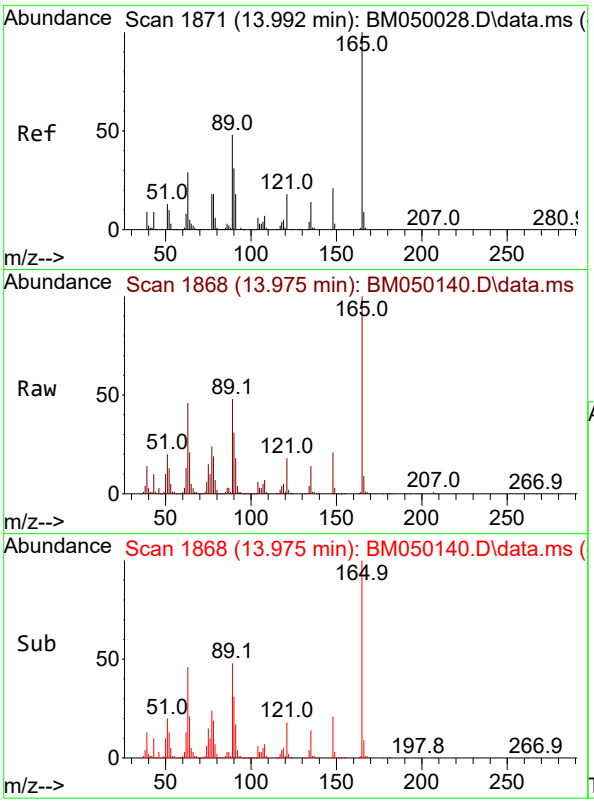


#50
Dimethylphthalate
Concen: 37.016 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:163 Resp: 2380206

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.4	8.2	12.2



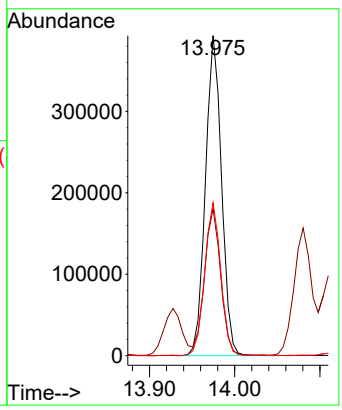


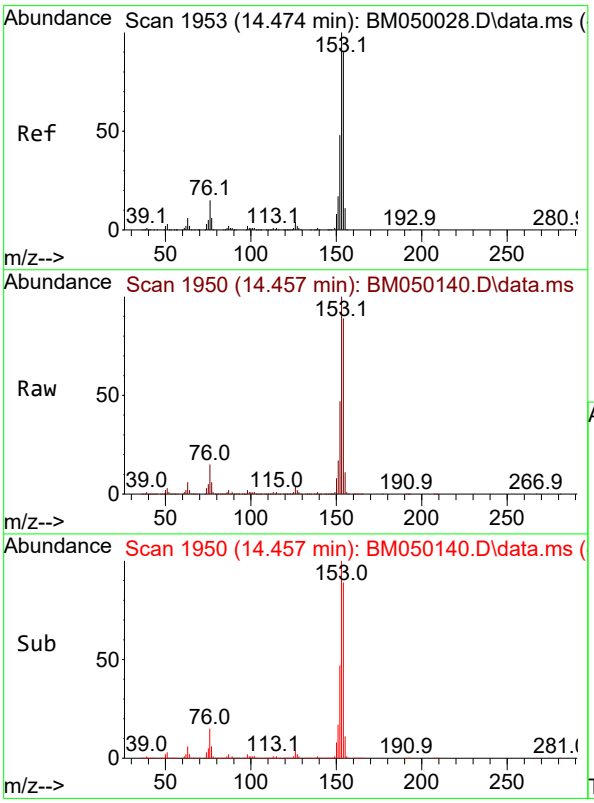
#51
2,6-Dinitrotoluene
Concen: 38.760 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 516023

Ion	Ratio	Lower	Upper
165	100		
63	45.9	35.1	52.7
89	47.8	38.4	57.6

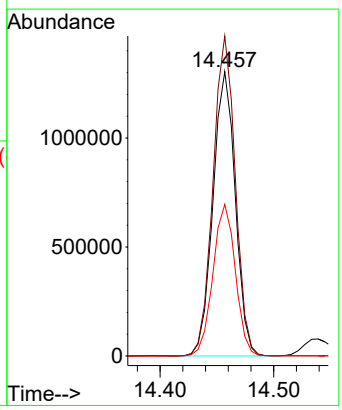


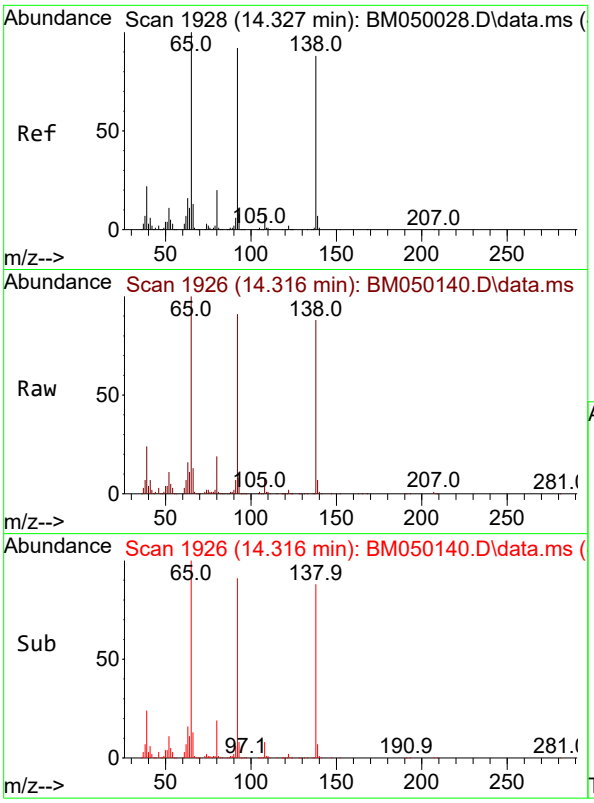


#52
Acenaphthene
Concen: 37.658 ng
RT: 14.457 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:154 Resp: 1780304

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.0	133.4
152	53.3	43.0	64.6



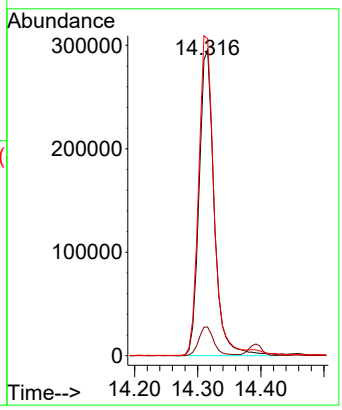


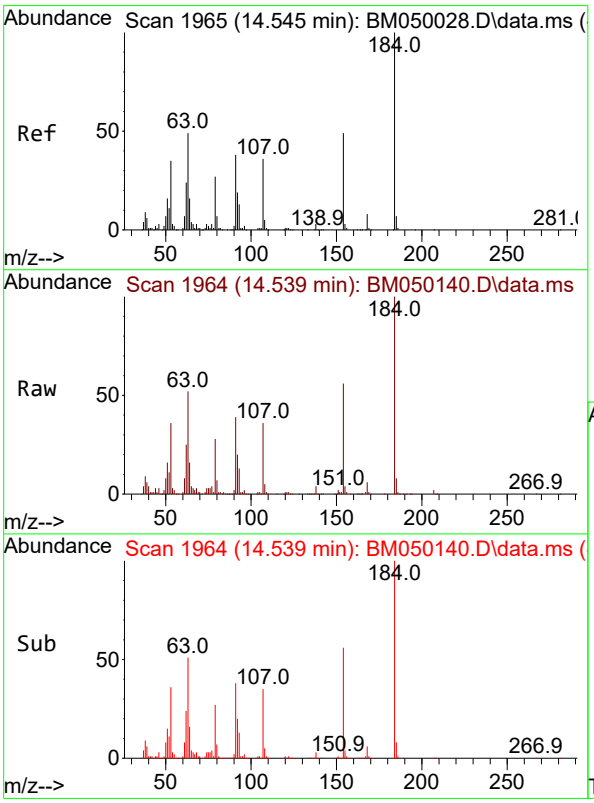
#53
3-Nitroaniline
Concen: 38.978 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 495431

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.4	11.2
92	103.5	84.0	126.0

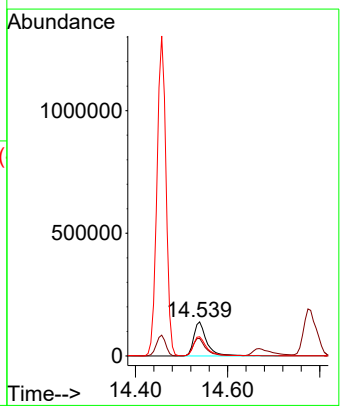


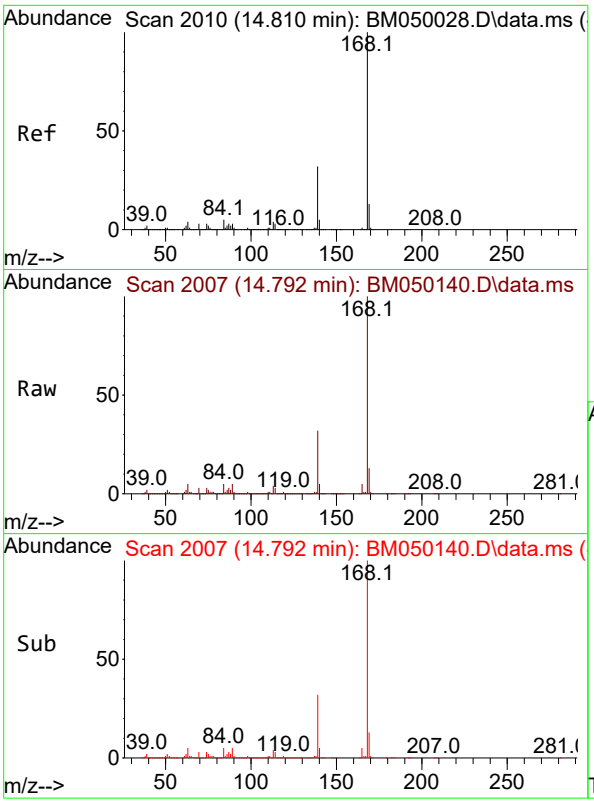


#54
2,4-Dinitrophenol
Concen: 35.437 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:184 Resp: 272567

Ion	Ratio	Lower	Upper
184	100		
63	51.8	39.8	59.6
154	56.2	46.1	69.1



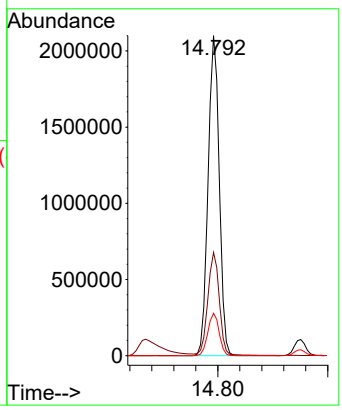


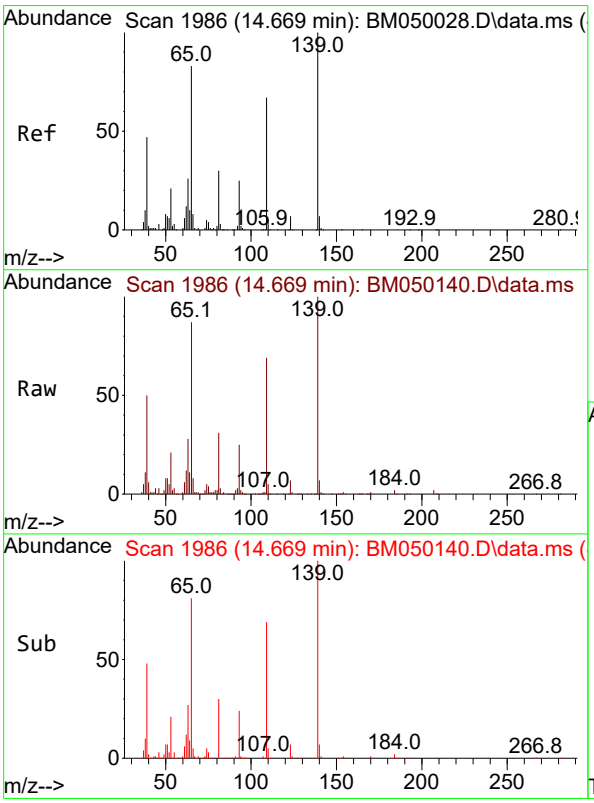
#55
Dibenzofuran
Concen: 37.591 ng
RT: 14.792 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 2956841

Ion	Ratio	Lower	Upper
168	100		
139	32.3	26.1	39.1
169	13.3	10.8	16.2

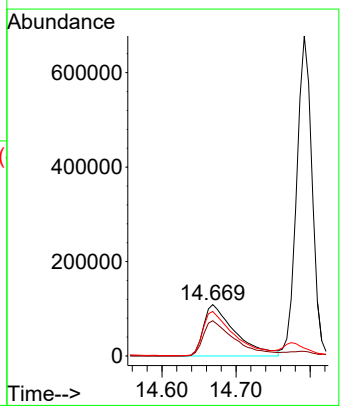


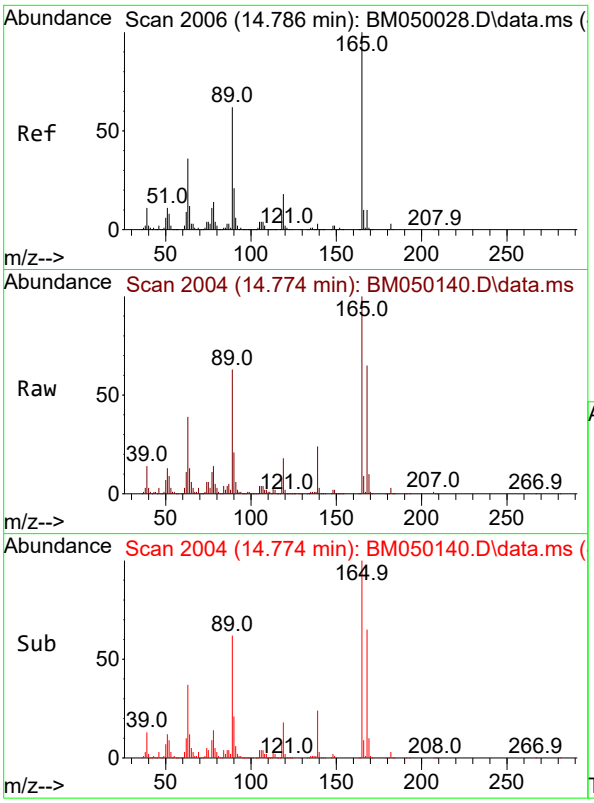


#56
4-Nitrophenol
Concen: 33.657 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:139 Resp: 319245

Ion	Ratio	Lower	Upper
139	100		
109	68.6	47.0	87.0
65	86.7	64.3	104.3



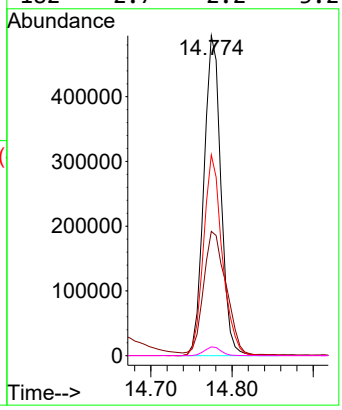


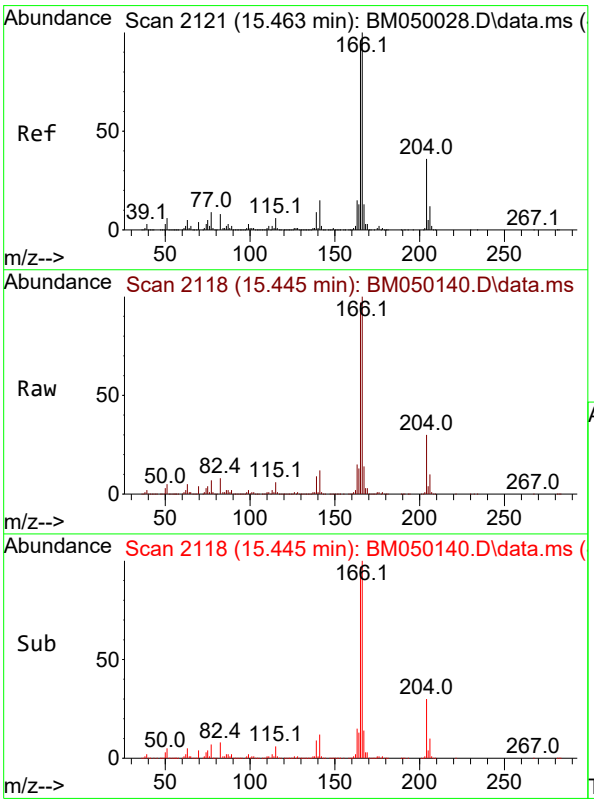
#57
2,4-Dinitrotoluene
Concen: 39.126 ng
RT: 14.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 719782

Ion	Ratio	Lower	Upper
165	100		
63	38.8	29.0	43.6
89	62.7	49.4	74.2
182	2.7	2.2	3.2

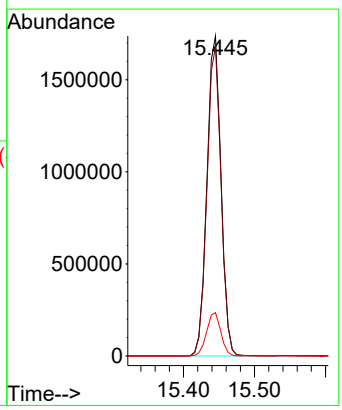


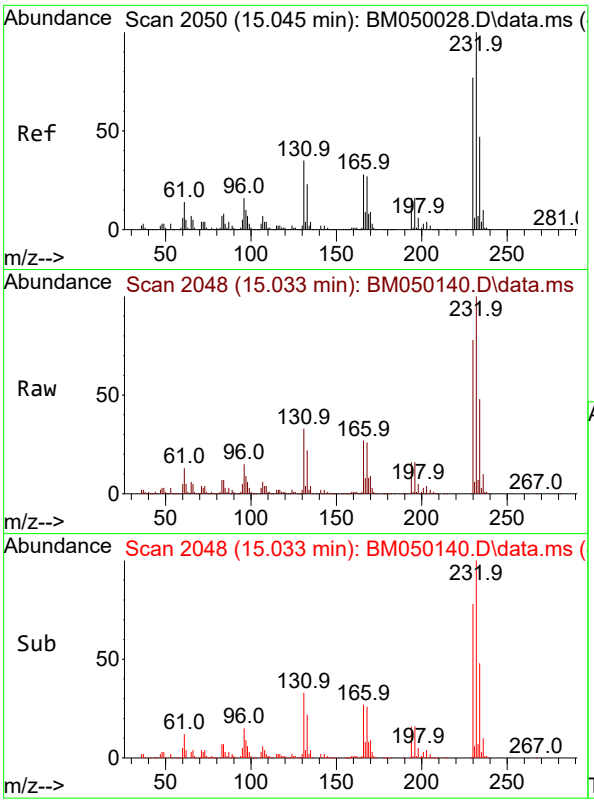


#58
Fluorene
Concen: 37.305 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:166 Resp: 2401802

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.6	115.0
167	13.5	10.6	16.0



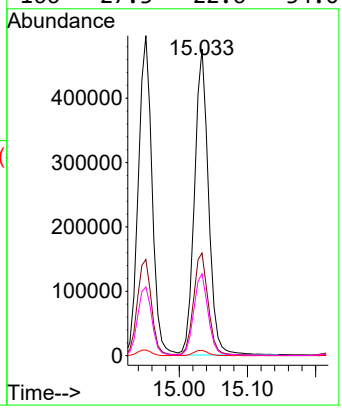


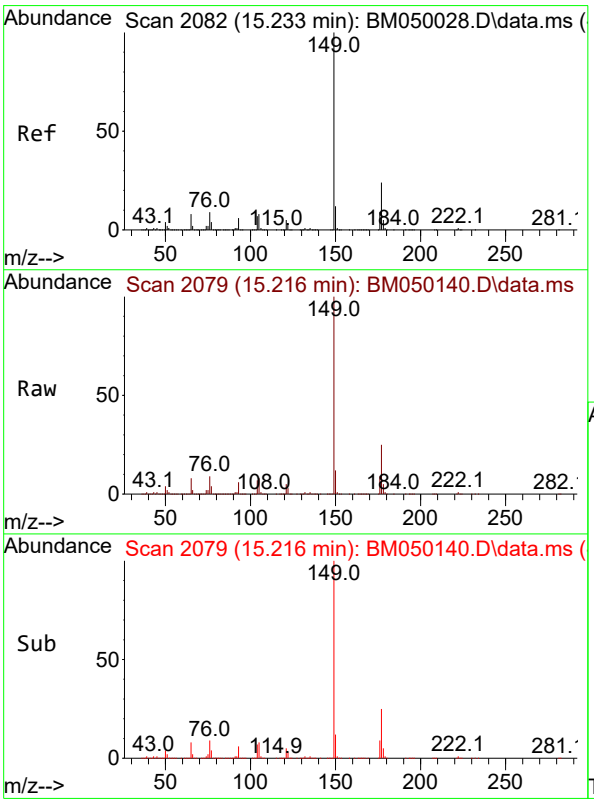
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.581 ng
RT: 15.033 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 677686

Ion	Ratio	Lower	Upper
232	100		
131	35.4	28.2	42.4
130	1.9	1.5	2.3
166	27.3	22.6	34.0

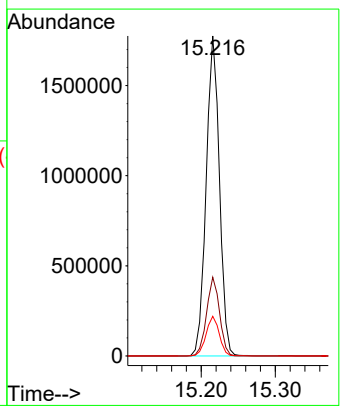


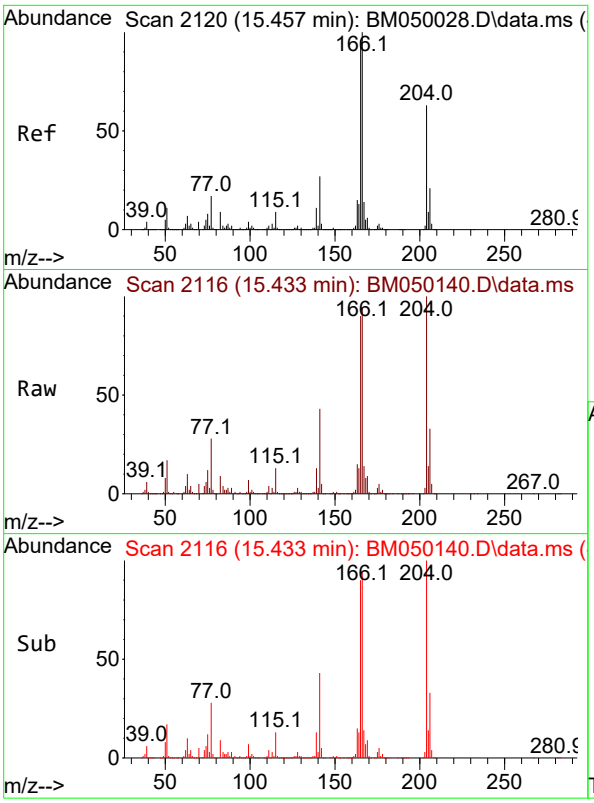


#60
Diethylphthalate
Concen: 36.397 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 2205320

Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.1	28.7
150	12.4	9.6	14.4



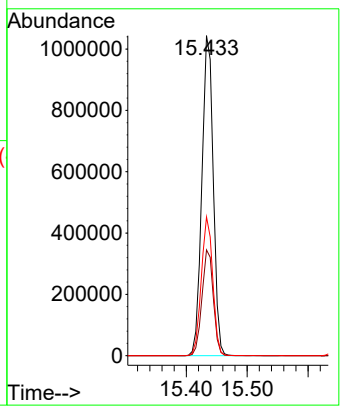


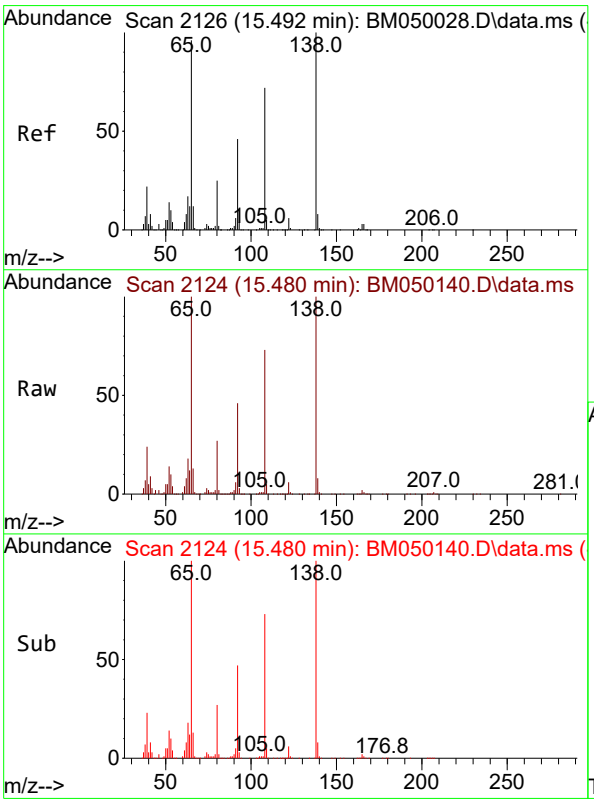
#61
4-Chlorophenyl-phenylether
Concen: 38.219 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 1351541

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	43.3	34.0	51.0

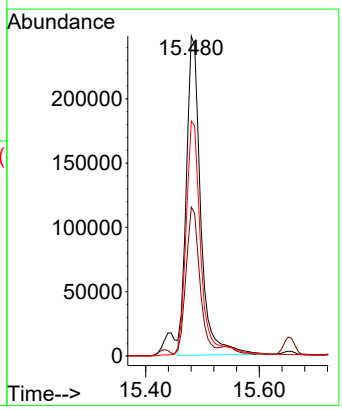


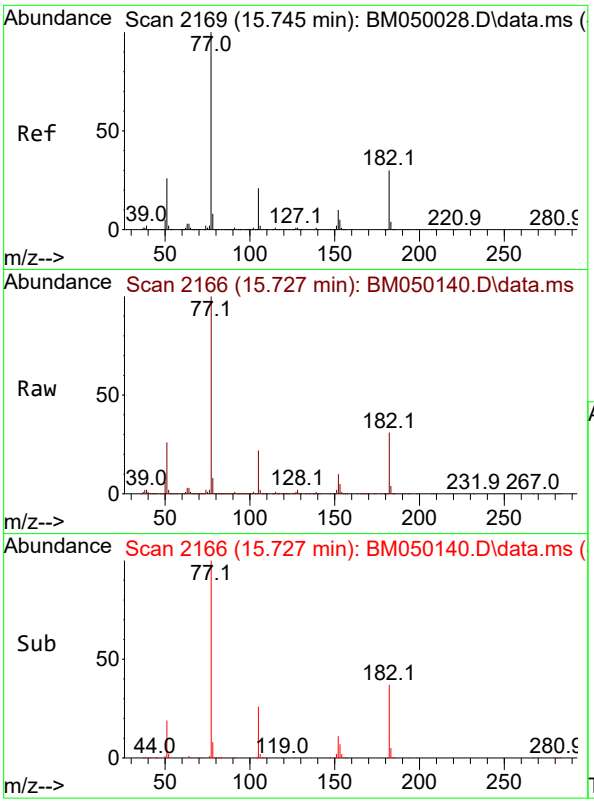


#62
4-Nitroaniline
Concen: 35.280 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:138 Resp: 432649

Ion	Ratio	Lower	Upper
138	100		
92	46.5	25.9	65.9
108	73.4	52.4	92.4



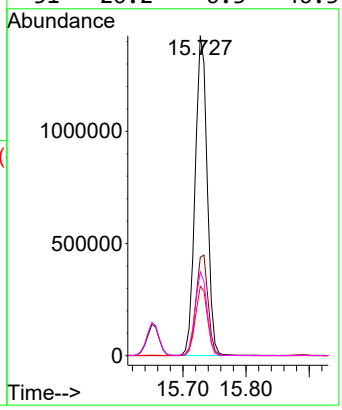


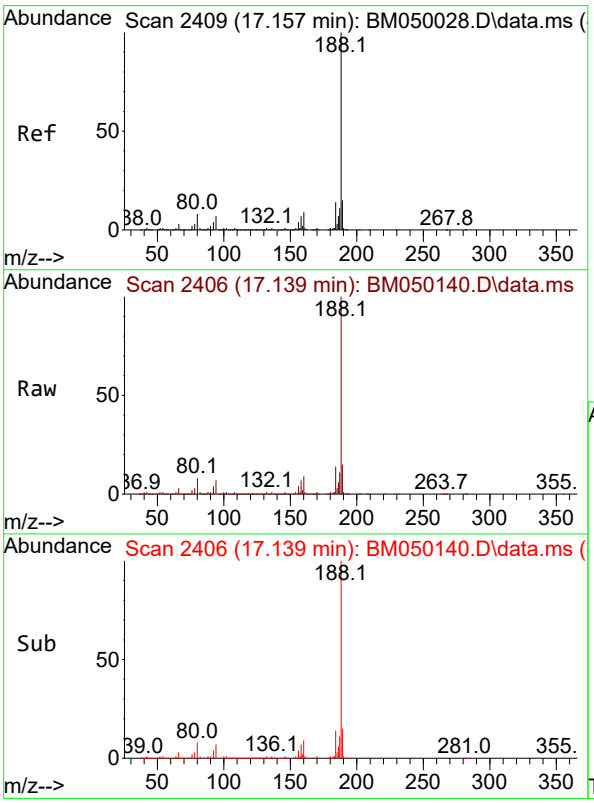
#63
Azobenzene
Concen: 37.081 ng
RT: 15.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1882944

Ion	Ratio	Lower	Upper
77	100		
182	30.7	10.5	50.5
105	21.6	1.1	41.1
51	26.2	6.3	46.3

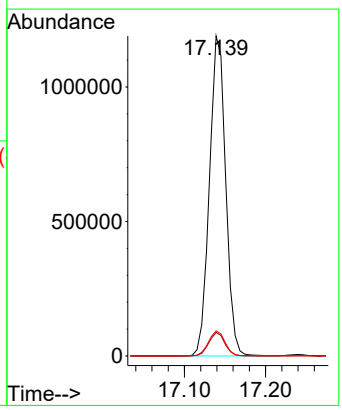


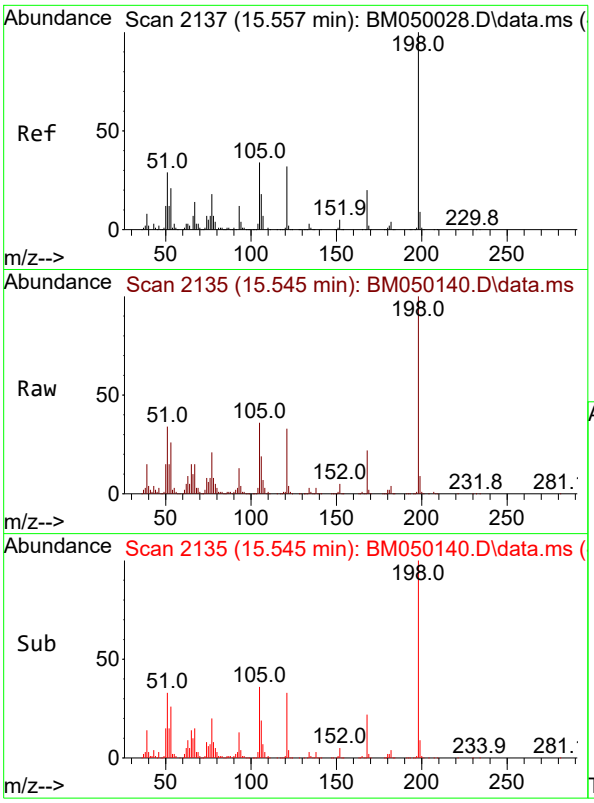


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:188 Resp: 1654930

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



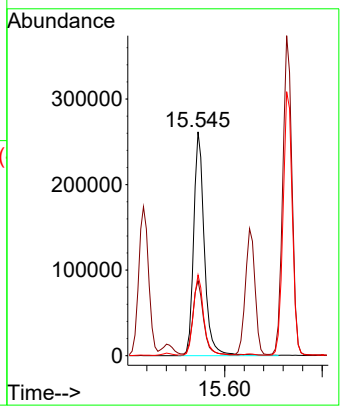


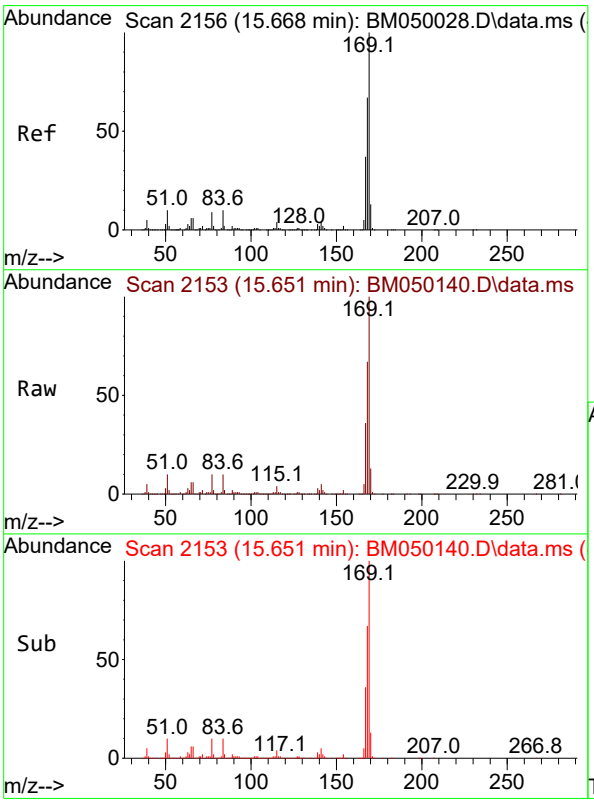
#65
4,6-Dinitro-2-methylphenol
Concen: 38.684 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 400737

Ion	Ratio	Lower	Upper
198	100		
51	33.6	10.4	50.4
105	36.0	14.6	54.6

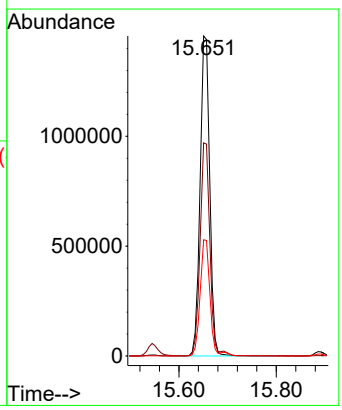


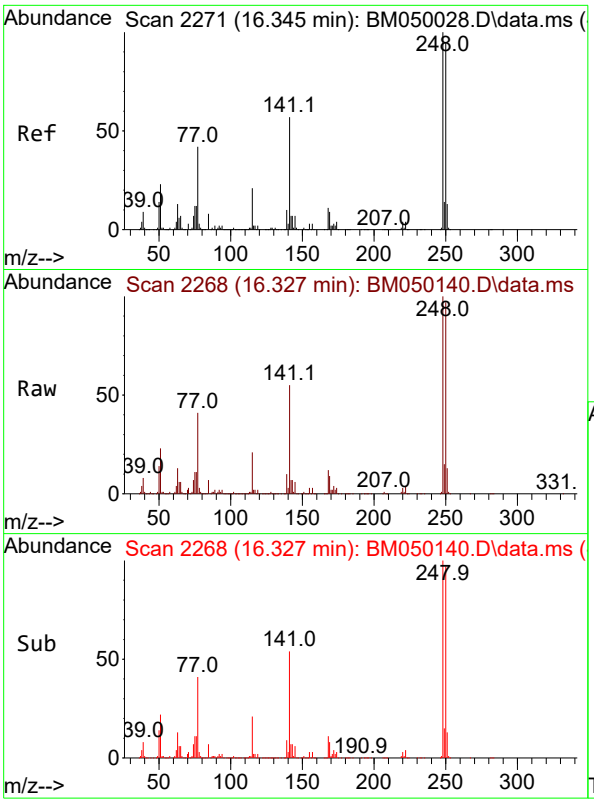


#66
n-Nitrosodiphenylamine
Concen: 39.272 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:169 Resp: 1995726

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.4	80.2
167	36.3	29.4	44.0



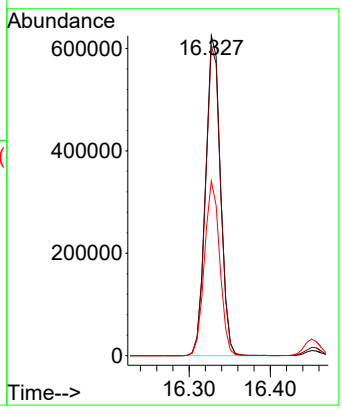


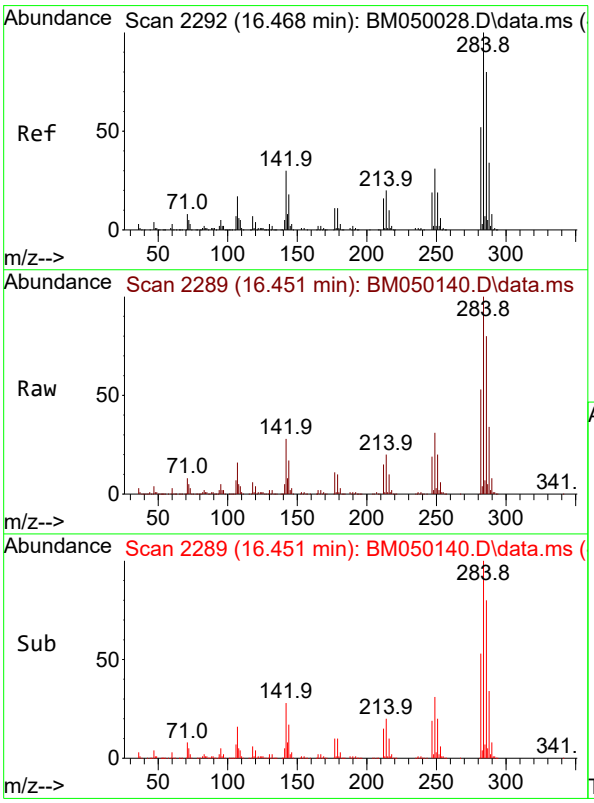
#67
4-Bromophenyl-phenylether
Concen: 39.646 ng
RT: 16.327 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 793425

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.2	114.2
141	54.6	45.9	68.9

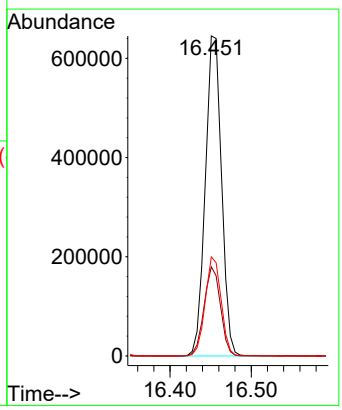


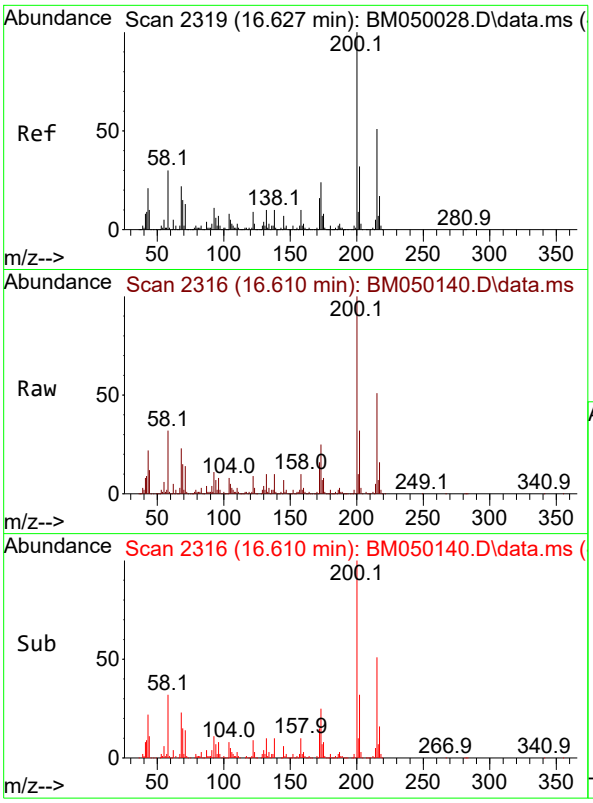


#68
Hexachlorobenzene
Concen: 38.846 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:284 Resp: 896115

Ion	Ratio	Lower	Upper
284	100		
142	27.9	23.9	35.9
249	31.0	24.5	36.7



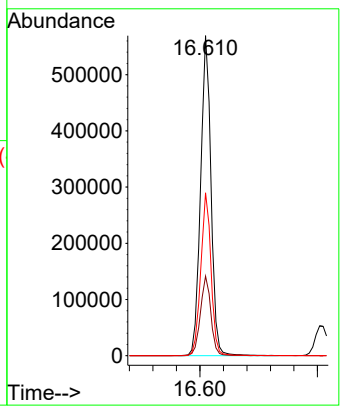


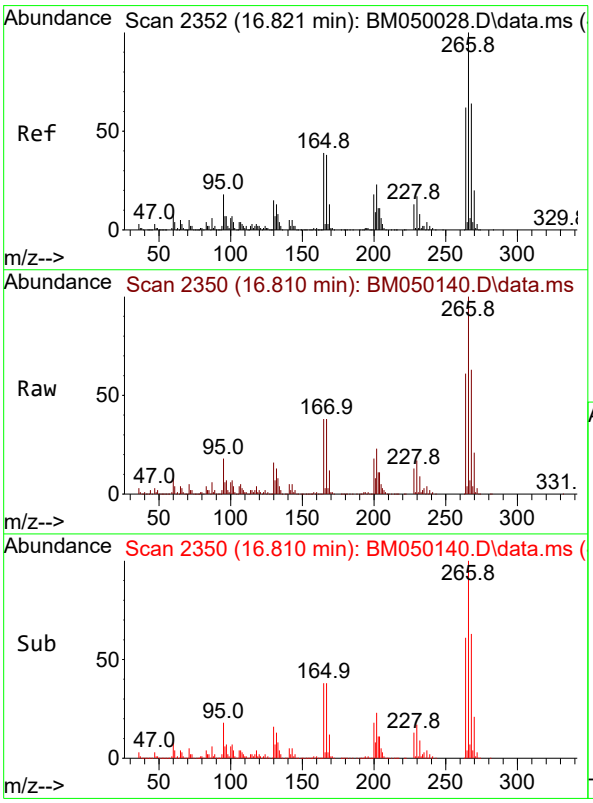
#69
Atrazine
Concen: 38.293 ng
RT: 16.610 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 701944

Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.3	44.3
215	50.9	30.6	70.6

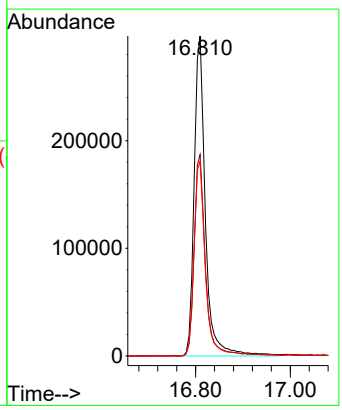


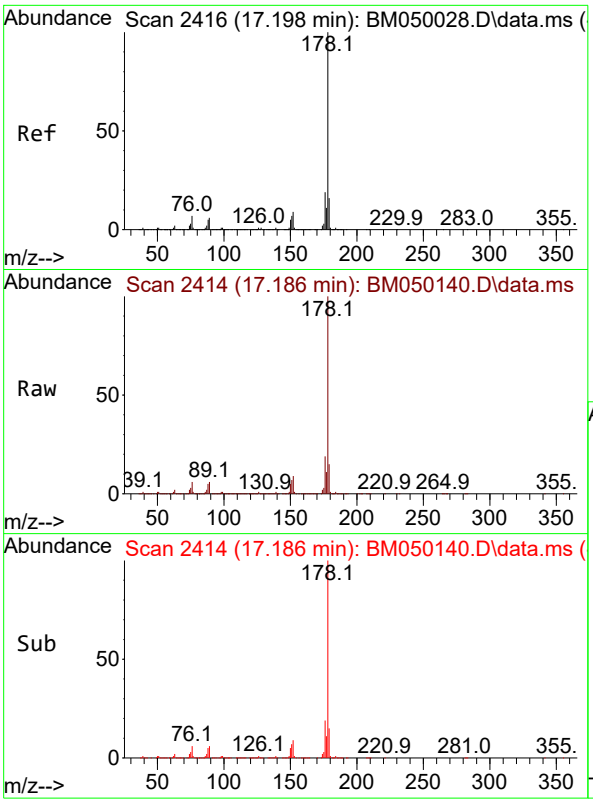


#70
Pentachlorophenol
Concen: 37.733 ng
RT: 16.810 min Scan# 2350
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:266 Resp: 489963

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	60.9	49.6	74.4



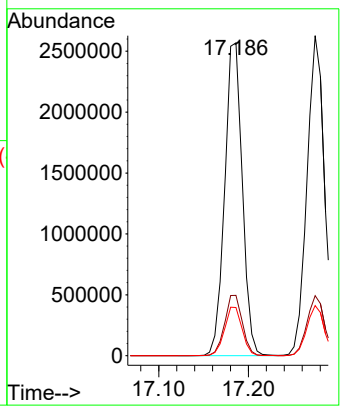


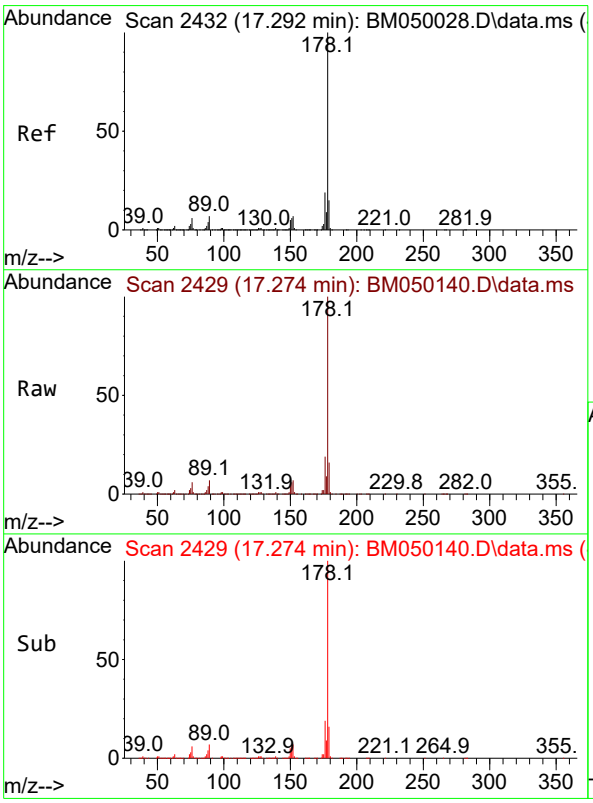
#71
Phenanthrene
Concen: 37.567 ng
RT: 17.186 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 3506508

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.4	18.6

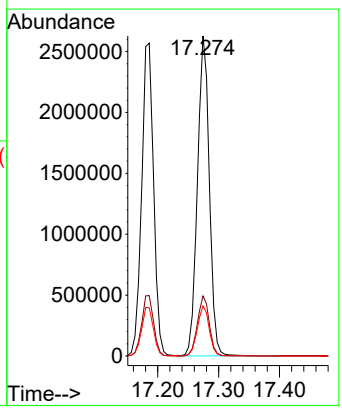


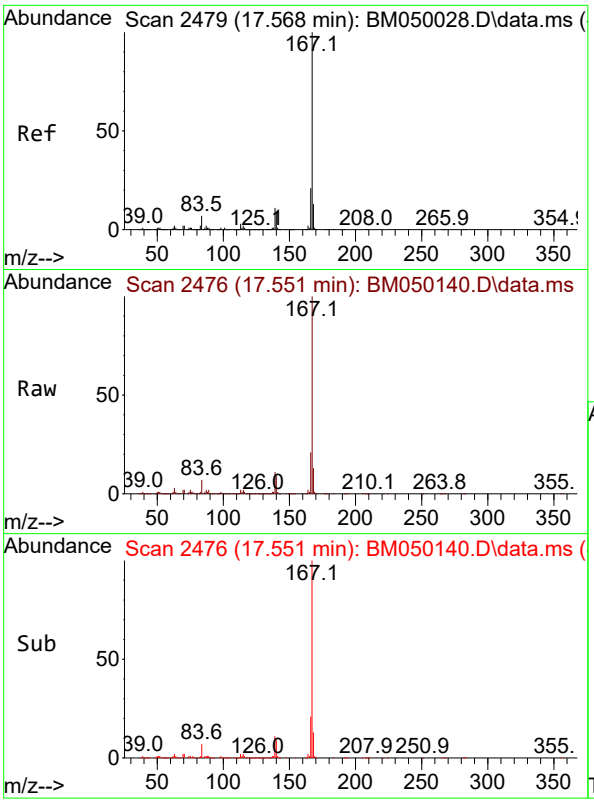


#72
Anthracene
Concen: 37.761 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:178 Resp: 3566867

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.2	18.4



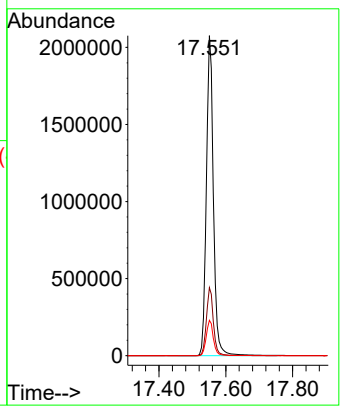


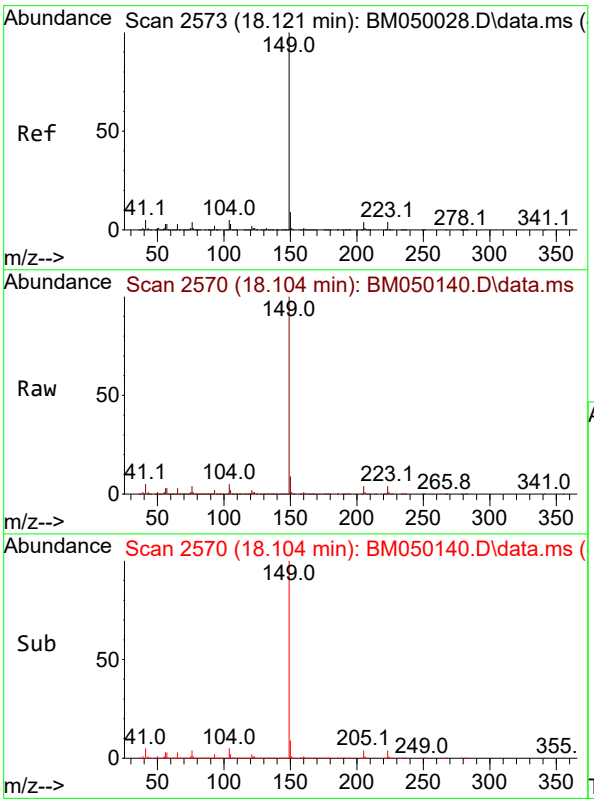
#73
Carbazole
Concen: 37.093 ng
RT: 17.551 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 3040432

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	11.1	9.0	13.6

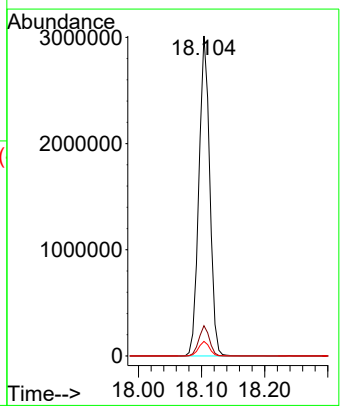


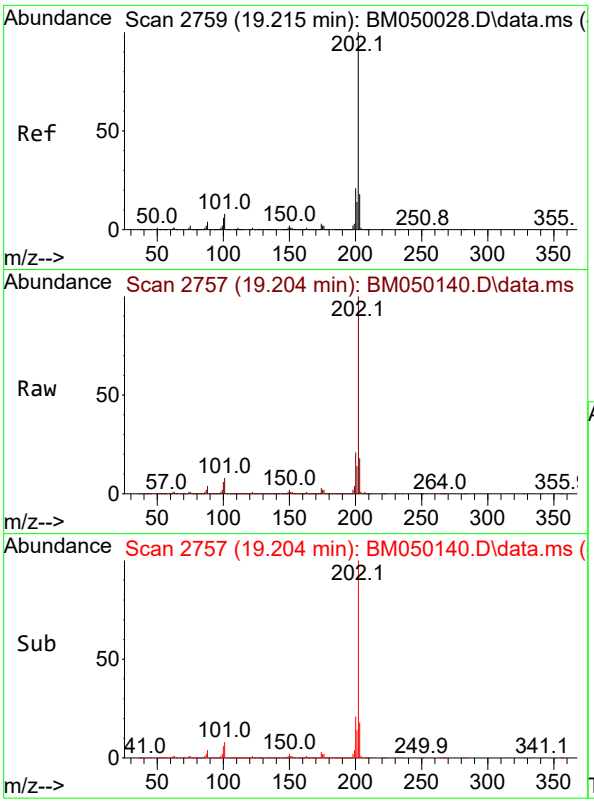


#74
Di-n-butylphthalate
Concen: 36.672 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 3579619

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.3	10.9
104	4.6	3.8	5.6



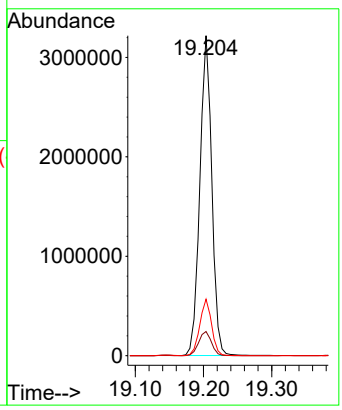


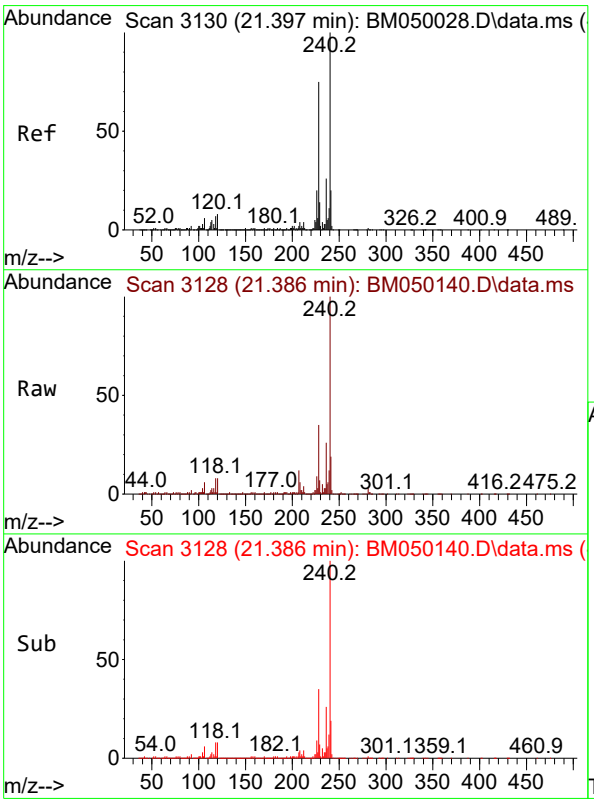
#75
Fluoranthene
Concen: 35.801 ng
RT: 19.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 3923349

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.0
203	17.7	0.0	37.7

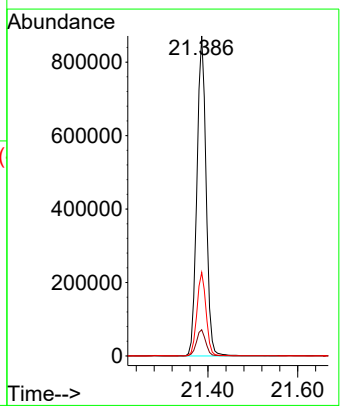


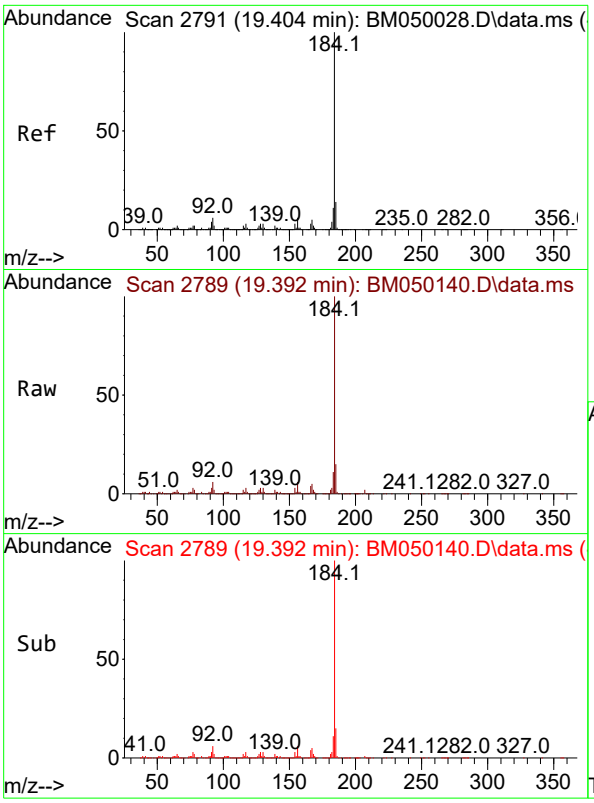


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:240 Resp: 1237713

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	26.1	20.9	31.3



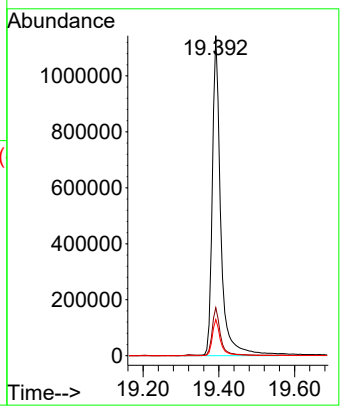


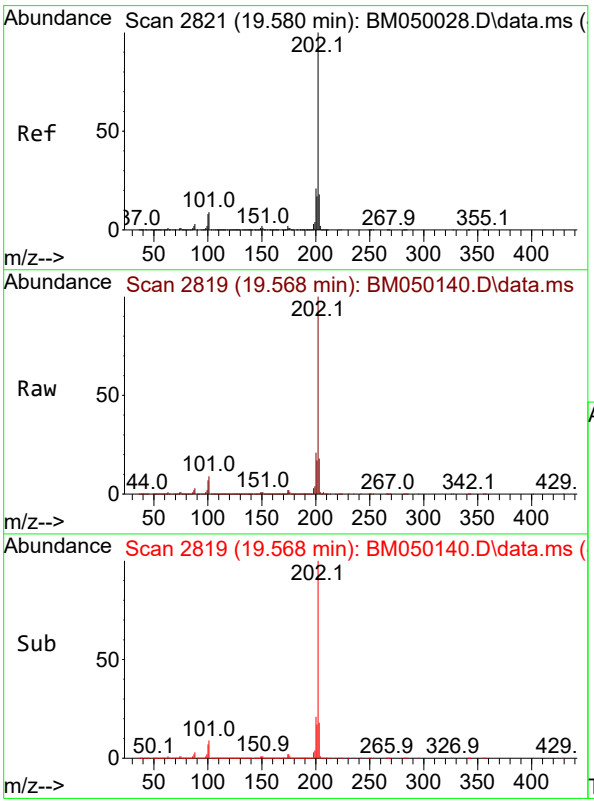
#77
Benzidine
Concen: 40.247 ng
RT: 19.392 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 1769429

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.5	17.3
183	11.3	8.9	13.3

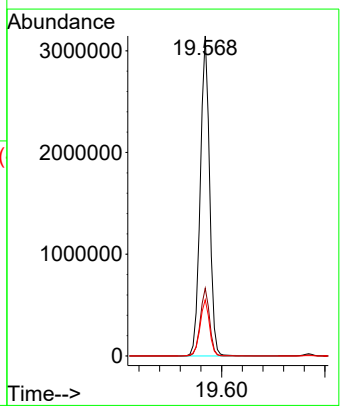


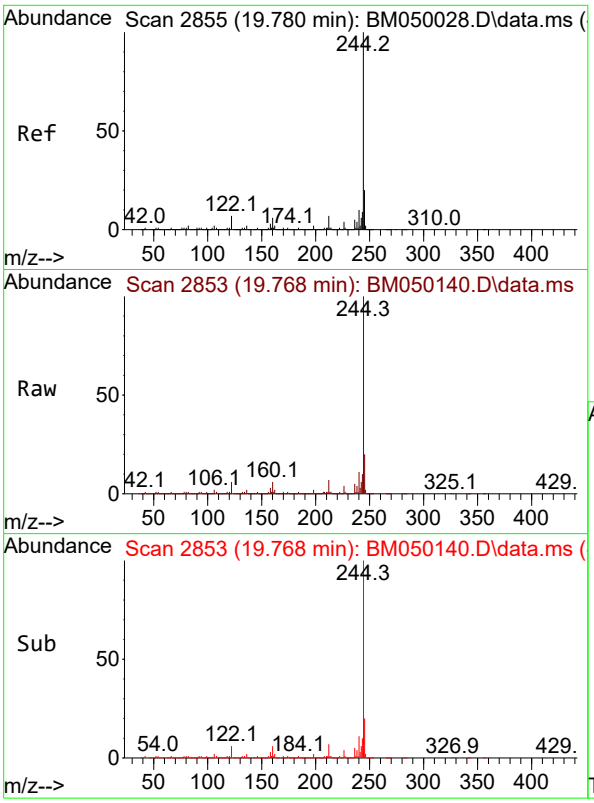


#78
Pyrene
Concen: 45.115 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:202 Resp: 3921227

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.5	14.1	21.1



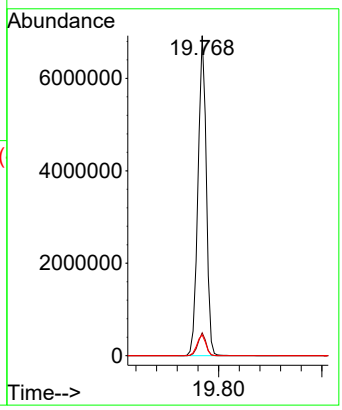


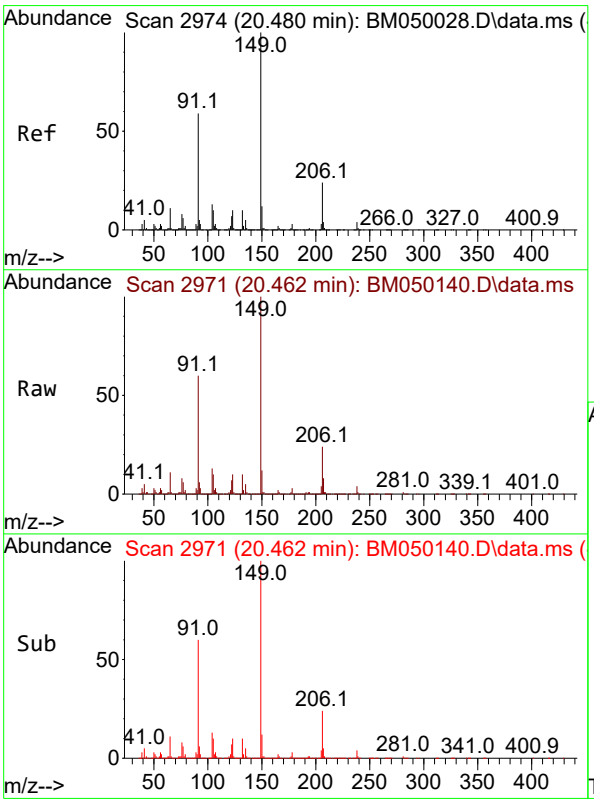
#79
Terphenyl-d14
Concen: 92.052 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 7699588

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.6	8.4

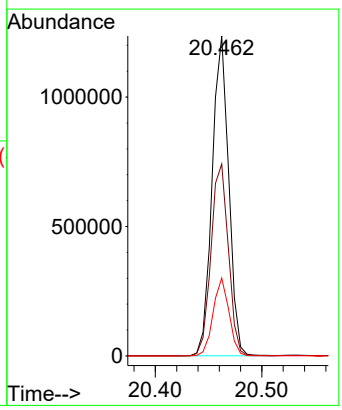


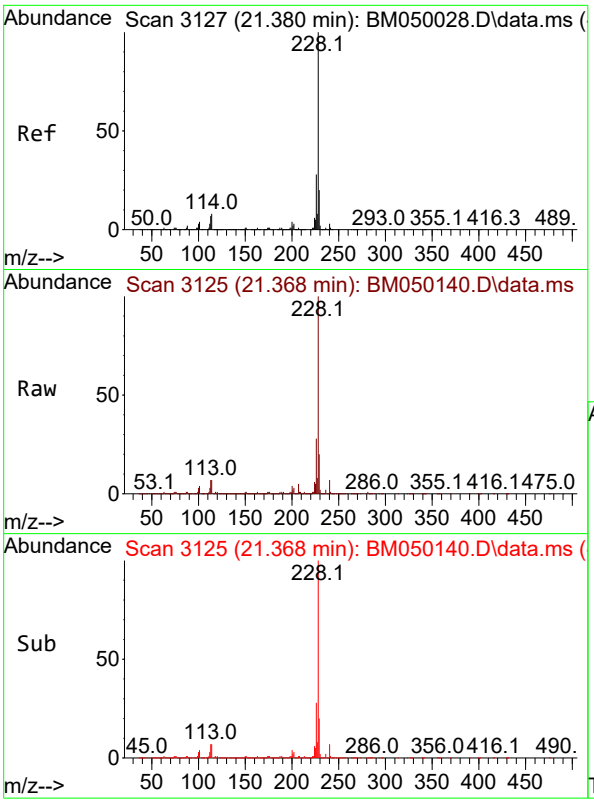


#80
Butylbenzylphthalate
Concen: 40.913 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 1331850

Ion	Ratio	Lower	Upper
149	100		
91	60.0	47.4	71.2
206	24.3	19.4	29.0



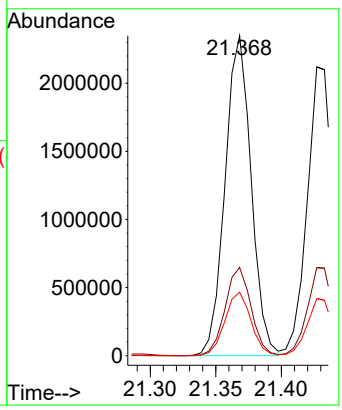


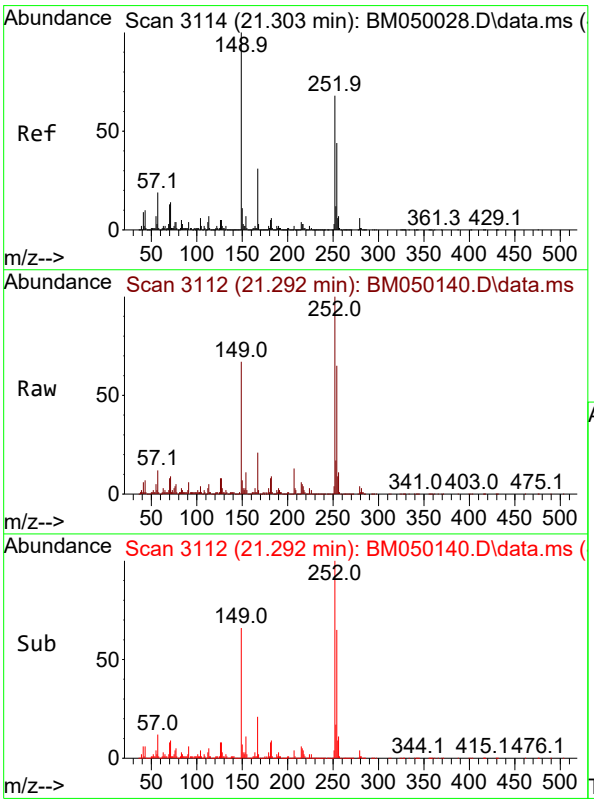
#81
Benzo(a)anthracene
Concen: 38.150 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 3251627

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.9	15.7	23.5

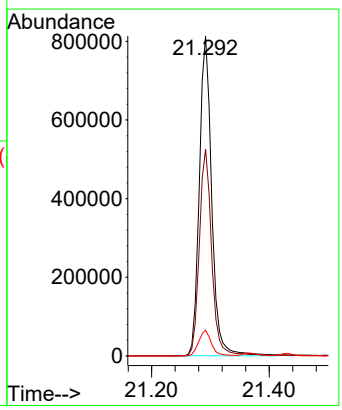


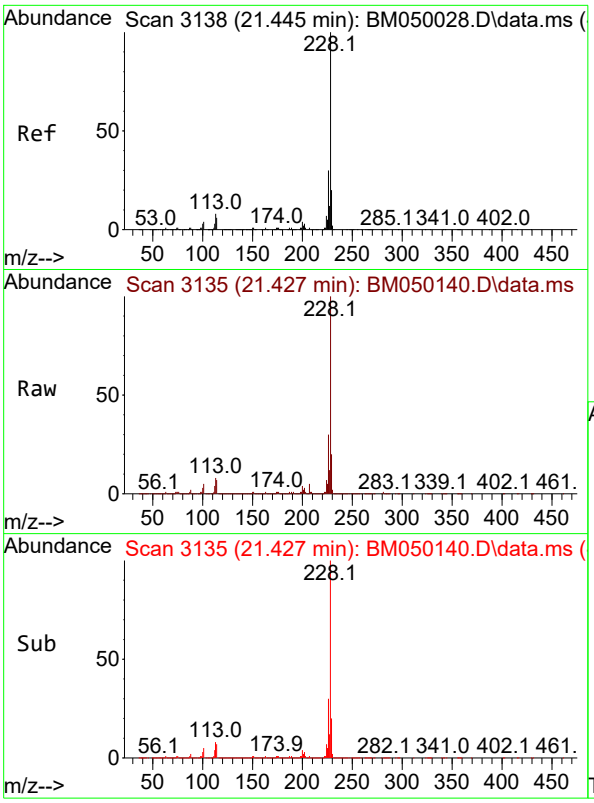


#82
3,3'-Dichlorobenzidine
Concen: 36.574 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 1193314

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	8.0	6.0	9.0



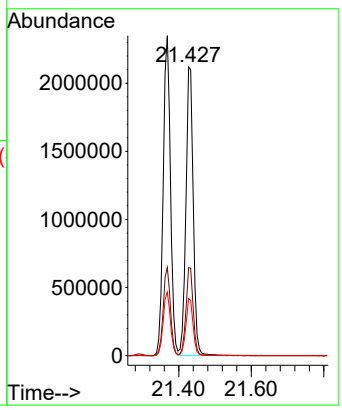


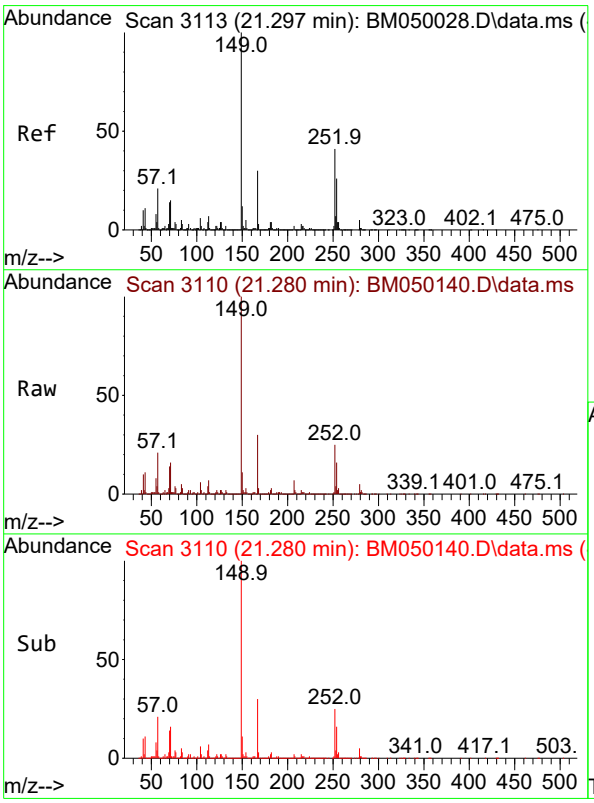
#83
Chrysene
Concen: 37.672 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2971758

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.8	15.7	23.5

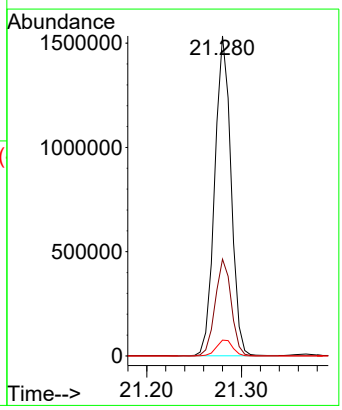


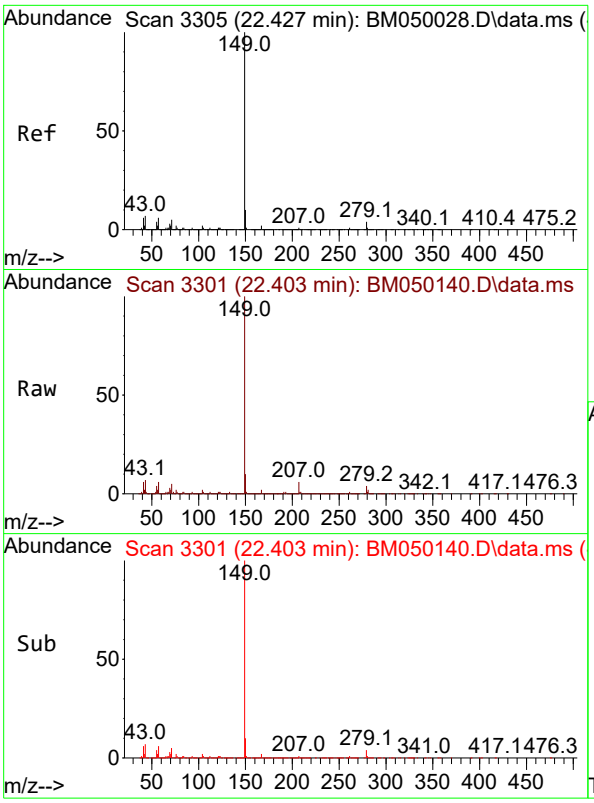


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.590 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:149 Resp: 1827791

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.1	36.1
279	5.0	3.9	5.9



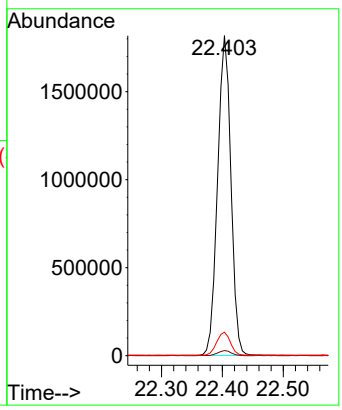


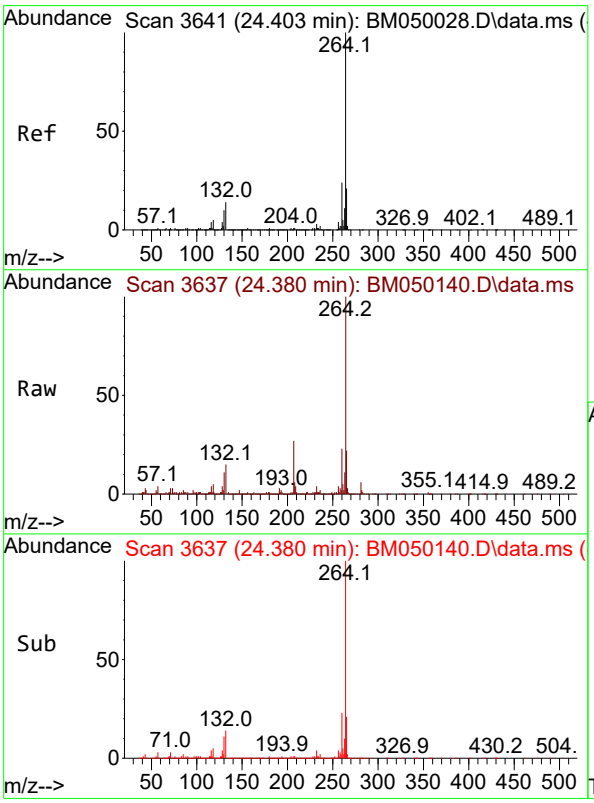
#85
Di-n-octyl phthalate
Concen: 34.387 ng
RT: 22.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2757430

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8

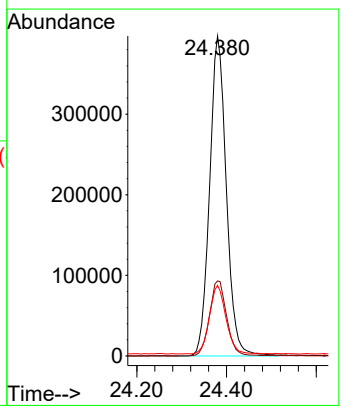


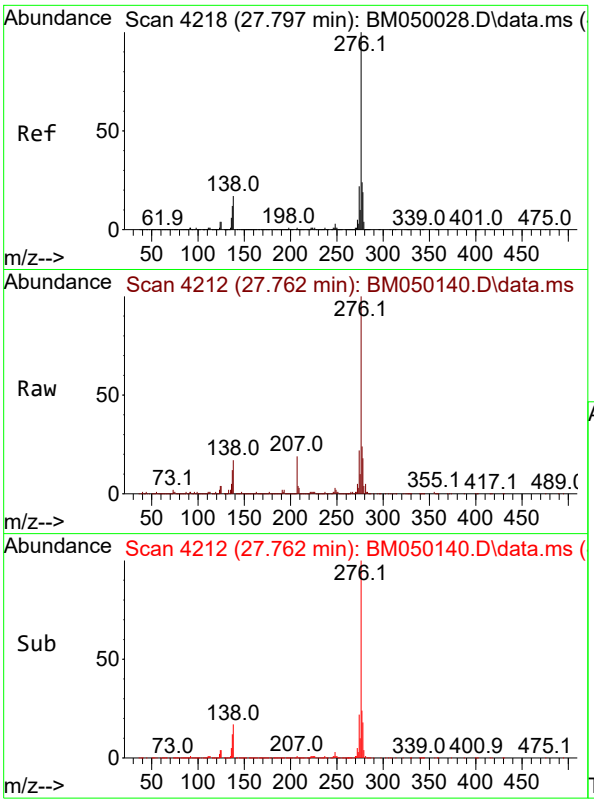


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:264 Resp: 1026252

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.1	17.0	25.4



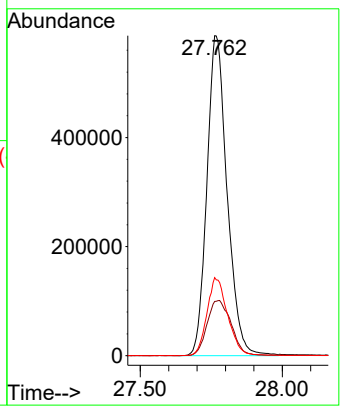


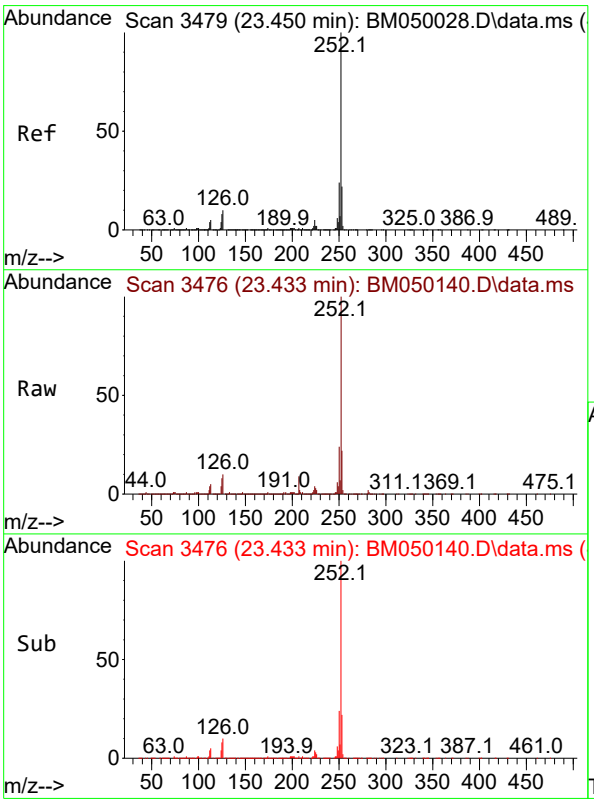
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.964 ng
RT: 27.762 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2903047

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	24.9	19.8	29.8

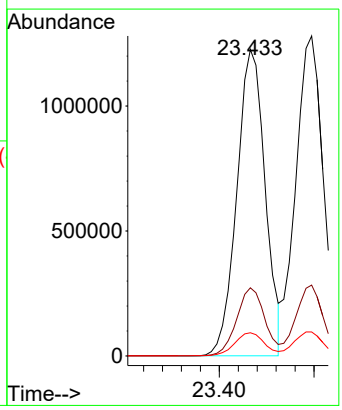


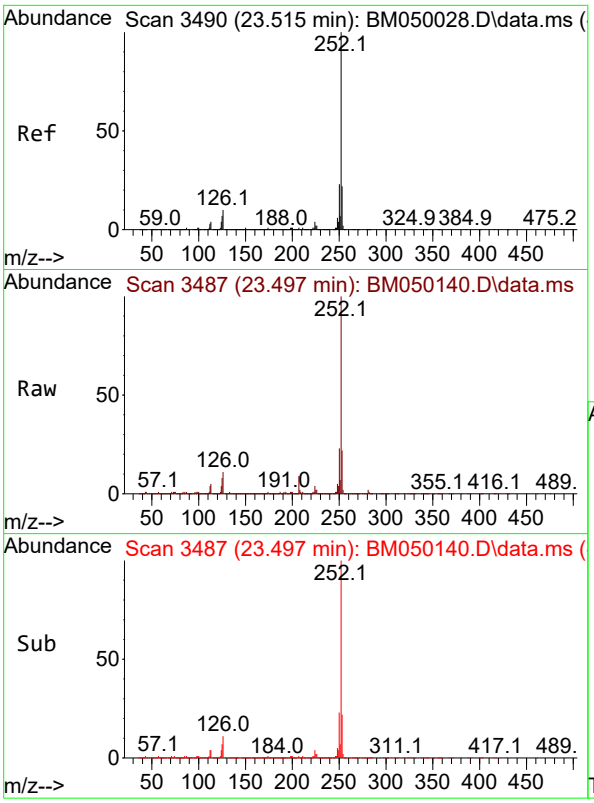


#88
Benzo(b)fluoranthene
Concen: 38.191 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 2548858

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.6	6.1	9.1



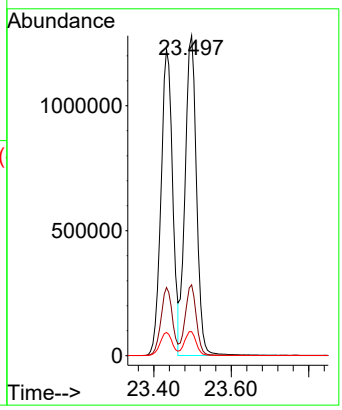


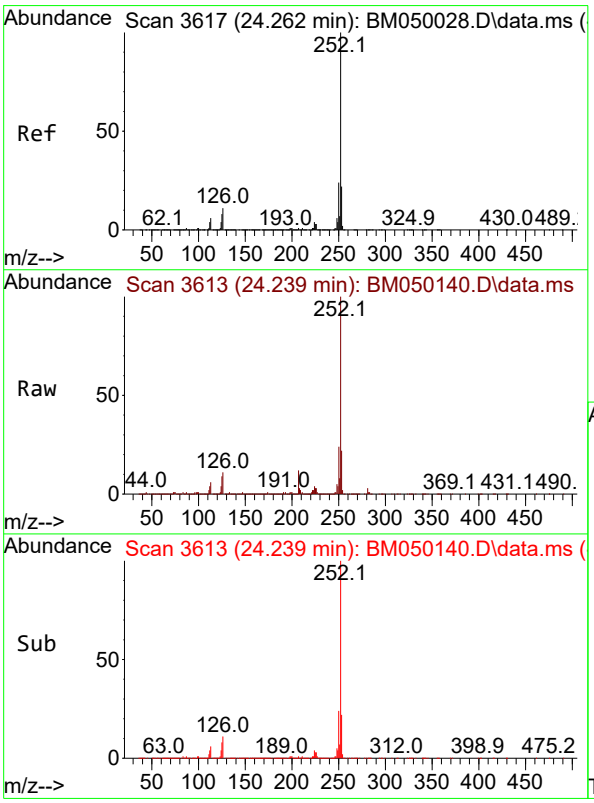
#89
Benzo(k)fluoranthene
Concen: 38.890 ng
RT: 23.497 min Scan# 34
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2625481

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.5	5.8	8.8

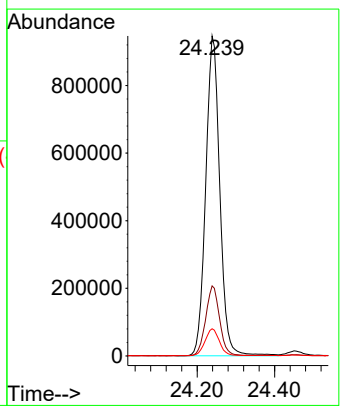


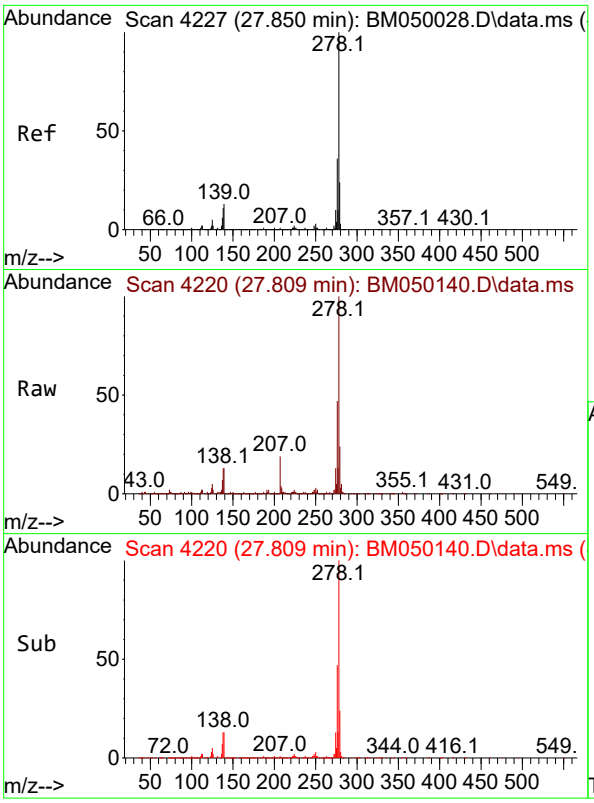


#90
Benzo(a)pyrene
Concen: 38.097 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:252 Resp: 2381402

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.5	6.6	9.8



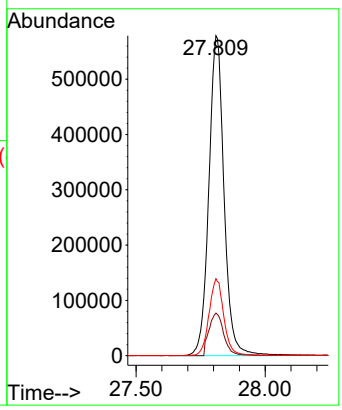


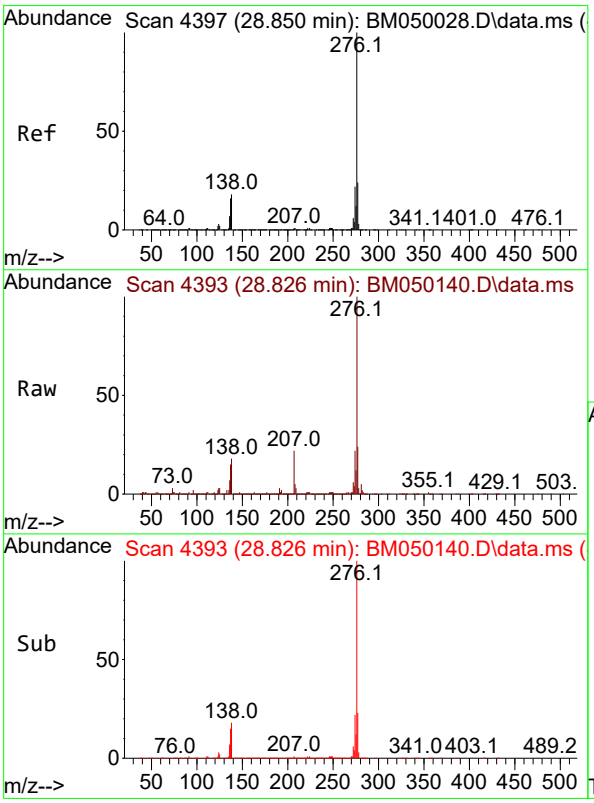
#91
Dibenzo(a,h)anthracene
Concen: 37.985 ng
RT: 27.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2367754

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.5	15.7
279	24.0	19.4	29.0

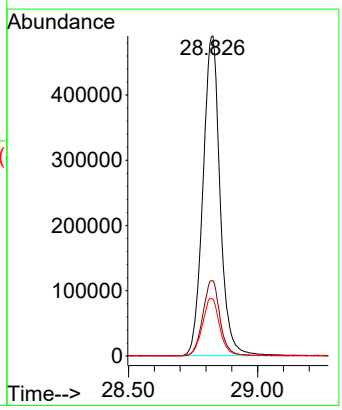




#92
Benzo(g,h,i)perylene
Concen: 37.727 ng
RT: 28.826 min Scan# 4393
Delta R.T. 0.000 min
Lab File: BM050140.D
Acq: 08 May 2025 10:41

Tgt Ion:276 Resp: 2251454

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	17.7	14.3	21.5



Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 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	154#	-0.03
2		1,4-Dioxane	0.490	0.453	7.6	136	-0.02
3		Pyridine	1.258	1.221	2.9	141	-0.02
4		n-Nitrosodimethylamine	0.493	0.486	1.4	143	-0.02
5	S	2-Fluorophenol	1.142	1.109	2.9	141	-0.02
6		Aniline	1.813	1.775	2.1	140	-0.02
7	S	Phenol-d6	1.436	1.425	0.8	142	-0.02
8		2-Chlorophenol	1.235	1.198	3.0	140	-0.02
9		Benzaldehyde	0.961	0.933	2.9	139	-0.02
10	C	Phenol	1.453	1.439	1.0	144	-0.02
11		bis(2-Chloroethyl)ether	1.213	1.166	3.9	140	-0.02
12		1,3-Dichlorobenzene	1.492	1.402	6.0	138	-0.02
13	C	1,4-Dichlorobenzene	1.499	1.405	6.3	138	-0.03
14		1,2-Dichlorobenzene	1.448	1.357	6.3	137	-0.03
15		Benzyl Alcohol	0.996	1.014	-1.8	144	-0.02
16		2,2'-oxybis(1-Chloropropane	1.475	1.453	1.5	144	-0.03
17		2-Methylphenol	0.957	0.937	2.1	139	-0.02
18		Hexachloroethane	0.533	0.500	6.2	138	-0.03
19	P	n-Nitroso-di-n-propylamine	0.921	0.911	1.1	139	-0.02
20		3+4-Methylphenols	1.293	1.279	1.1	141	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	154#	-0.03
22		Acetophenone	0.497	0.474	4.6	137	-0.02
23	S	Nitrobenzene-d5	0.406	0.390	3.9	138	-0.02
24		Nitrobenzene	0.351	0.337	4.0	139	-0.02
25		Isophorone	0.692	0.663	4.2	140	-0.02
26	C	2-Nitrophenol	0.179	0.183	-2.2	143	-0.02
27		2,4-Dimethylphenol	0.297	0.293	1.3	139	-0.02
28		bis(2-Chloroethoxy)methane	0.428	0.411	4.0	139	-0.02
29	C	2,4-Dichlorophenol	0.333	0.322	3.3	137	-0.02
30		1,2,4-Trichlorobenzene	0.406	0.381	6.2	137	-0.02
31		Naphthalene	1.013	0.949	6.3	137	-0.02
32		Benzoic acid	0.190	0.182	4.2	141	0.00
33		4-Chloroaniline	0.415	0.399	3.9	139	-0.02
34	C	Hexachlorobutadiene	0.258	0.244	5.4	138	-0.03
35		Caprolactam	0.097	0.090	7.2	133	0.00
36	C	4-Chloro-3-methylphenol	0.308	0.293	4.9	139	-0.01
37		2-Methylnaphthalene	0.679	0.643	5.3	139	-0.02
38		1-Methylnaphthalene	0.719	0.672	6.5	137	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	149	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.692	0.686	0.9	137	-0.02
41	P	Hexachlorocyclopentadiene	0.423	0.394	6.9	129	-0.03
42	S	2,4,6-Tribromophenol	0.296	0.286	3.4	134	-0.01
43	C	2,4,6-Trichlorophenol	0.439	0.444	-1.1	139	-0.02
44		2,4,5-Trichlorophenol	0.474	0.470	0.8	135	-0.01
45	S	2-Fluorobiphenyl	1.691	1.640	3.0	135	-0.02
46		1,1'-Biphenyl	1.487	1.422	4.4	134	-0.02
47		2-Chloronaphthalene	1.177	1.124	4.5	134	-0.02

Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 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	0.276	0.277	-0.4	136	-0.02
49		Acenaphthylene	1.857	1.762	5.1	133	-0.02
50		Dimethylphthalate	1.462	1.353	7.5	131	-0.02
51		2,6-Dinitrotoluene	0.303	0.293	3.3	133	-0.02
52	C	Acenaphthene	1.075	1.012	5.9	133	-0.02
53		3-Nitroaniline	0.289	0.282	2.4	131	-0.01
54	P	2,4-Dinitrophenol	0.164	0.155	5.5	130	0.00
55		Dibenzofuran	1.788	1.680	6.0	133	-0.02
56	P	4-Nitrophenol	0.205	0.181	11.7	120	0.00
57		2,4-Dinitrotoluene	0.418	0.409	2.2	133	-0.01
58		Fluorene	1.463	1.365	6.7	130	-0.02
59		2,3,4,6-Tetrachlorophenol	0.410	0.385	6.1	132	-0.01
60		Diethylphthalate	1.377	1.253	9.0	130	-0.02
61		4-Chlorophenyl-phenylether	0.804	0.768	4.5	133	-0.02
62		4-Nitroaniline	0.279	0.246	11.8	117	-0.01
63		Azobenzene	1.154	1.070	7.3	131	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	142	-0.02
65		4,6-Dinitro-2-methylphenol	0.125	0.121	3.2	127	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.603	1.8	131	-0.02
67		4-Bromophenyl-phenylether	0.242	0.240	0.8	132	-0.02
68		Hexachlorobenzene	0.279	0.271	2.9	131	-0.02
69		Atrazine	0.222	0.212	4.5	128	-0.02
70	C	Pentachlorophenol	0.157	0.148	5.7	126	-0.01
71		Phenanthrene	1.128	1.059	6.1	127	-0.01
72		Anthracene	1.142	1.078	5.6	126	-0.02
73		Carbazole	0.991	0.919	7.3	124	-0.02
74		Di-n-butylphthalate	1.180	1.082	8.3	123	-0.02
75	C	Fluoranthene	1.324	1.185	10.5	120	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	111	-0.01
77		Benzidine	0.710	0.715	-0.7	103	-0.01
78		Pyrene	1.404	1.584	-12.8	116	-0.01
79	S	Terphenyl-d14	1.352	1.555	-15.0	113	-0.01
80		Butylbenzylphthalate	0.526	0.538	-2.3	106	-0.02
81		Benzo(a)anthracene	1.377	1.314	4.6	99	-0.01
82		3,3'-Dichlorobenzidine	0.527	0.482	8.5	92	-0.01
83		Chrysene	1.275	1.201	5.8	99	-0.02
84		Bis(2-ethylhexyl)phthalate	0.786	0.738	6.1	97	-0.02
85	c	Di-n-octyl phthalate	1.296	1.114	14.0	91	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	96	-0.02
87		Indeno(1,2,3-cd)pyrene	1.490	1.414	5.1	84	-0.04
88		Benzo(b)fluoranthene	1.301	1.242	4.5	85	-0.02
89		Benzo(k)fluoranthene	1.316	1.279	2.8	88	-0.02
90	C	Benzo(a)pyrene	1.218	1.160	4.8	86	-0.02
91		Dibenzo(a,h)anthracene	1.215	1.154	5.0	85	-0.04
92		Benzo(g,h,i)perylene	1.163	1.097	5.7	85	-0.02

Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 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	154	-0.03
2		1,4-Dioxane	40.000	37.001	7.5	136	-0.02
3		Pyridine	40.000	38.824	2.9	141	-0.02
4		n-Nitrosodimethylamine	40.000	39.374	1.6	143	-0.02
5	S	2-Fluorophenol	80.000	77.661	2.9	141	-0.02
6		Aniline	40.000	39.162	2.1	140	-0.02
7	S	Phenol-d6	80.000	79.439	0.7	142	-0.02
8		2-Chlorophenol	40.000	38.813	3.0	140	-0.02
9		Benzaldehyde	40.000	38.833	2.9	139	-0.02
10	C	Phenol	40.000	39.605	1.0	144	-0.02
11		bis(2-Chloroethyl)ether	40.000	38.447	3.9	140	-0.02
12		1,3-Dichlorobenzene	40.000	37.588	6.0	138	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.509	6.2	138	-0.03
14		1,2-Dichlorobenzene	40.000	37.497	6.3	137	-0.03
15		Benzyl Alcohol	40.000	40.752	-1.9	144	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	39.406	1.5	144	-0.03
17		2-Methylphenol	40.000	39.133	2.2	139	-0.02
18		Hexachloroethane	40.000	37.507	6.2	138	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	39.568	1.1	139	-0.02
20		3+4-Methylphenols	40.000	39.573	1.1	141	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	154	-0.03
22		Acetophenone	40.000	38.153	4.6	137	-0.02
23	S	Nitrobenzene-d5	80.000	76.829	4.0	138	-0.02
24		Nitrobenzene	40.000	38.408	4.0	139	-0.02
25		Isophorone	40.000	38.333	4.2	140	-0.02
26	C	2-Nitrophenol	40.000	40.755	-1.9	143	-0.02
27		2,4-Dimethylphenol	40.000	39.354	1.6	139	-0.02
28		bis(2-Chloroethoxy)methane	40.000	38.454	3.9	139	-0.02
29	C	2,4-Dichlorophenol	40.000	38.708	3.2	137	-0.02
30		1,2,4-Trichlorobenzene	40.000	37.563	6.1	137	-0.02
31		Naphthalene	40.000	37.486	6.3	137	-0.02
32		Benzoic acid	40.000	38.186	4.5	141	0.00
33		4-Chloroaniline	40.000	38.483	3.8	139	-0.02
34	C	Hexachlorobutadiene	40.000	37.817	5.5	138	-0.03
35		Caprolactam	40.000	37.121	7.2	133	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.140	4.6	139	-0.01
37		2-Methylnaphthalene	40.000	37.896	5.3	139	-0.02
38		1-Methylnaphthalene	40.000	37.410	6.5	137	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	149	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	39.649	0.9	137	-0.02
41	P	Hexachlorocyclopentadiene	40.000	37.227	6.9	129	-0.03
42	S	2,4,6-Tribromophenol	80.000	77.306	3.4	134	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.452	-1.1	139	-0.02
44		2,4,5-Trichlorophenol	40.000	39.727	0.7	135	-0.01
45	S	2-Fluorobiphenyl	80.000	77.598	3.0	135	-0.02
46		1,1'-Biphenyl	40.000	38.256	4.4	134	-0.02
47		2-Chloronaphthalene	40.000	38.200	4.5	134	-0.02

Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 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	40.071	-0.2	136	-0.02
49		Acenaphthylene	40.000	37.967	5.1	133	-0.02
50		Dimethylphthalate	40.000	37.016	7.5	131	-0.02
51		2,6-Dinitrotoluene	40.000	38.760	3.1	133	-0.02
52	C	Acenaphthene	40.000	37.658	5.9	133	-0.02
53		3-Nitroaniline	40.000	38.978	2.6	131	-0.01
54	P	2,4-Dinitrophenol	40.000	35.437	11.4	130	0.00
55		Dibenzofuran	40.000	37.591	6.0	133	-0.02
56	P	4-Nitrophenol	40.000	33.657	15.9	120	0.00
57		2,4-Dinitrotoluene	40.000	39.126	2.2	133	-0.01
58		Fluorene	40.000	37.305	6.7	130	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	37.581	6.0	132	-0.01
60		Diethylphthalate	40.000	36.397	9.0	130	-0.02
61		4-Chlorophenyl-phenylether	40.000	38.219	4.5	133	-0.02
62		4-Nitroaniline	40.000	35.280	11.8	117	-0.01
63		Azobenzene	40.000	37.081	7.3	131	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	142	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	38.684	3.3	127	-0.01
66	c	n-Nitrosodiphenylamine	40.000	39.272	1.8	131	-0.02
67		4-Bromophenyl-phenylether	40.000	39.646	0.9	132	-0.02
68		Hexachlorobenzene	40.000	38.846	2.9	131	-0.02
69		Atrazine	40.000	38.293	4.3	128	-0.02
70	C	Pentachlorophenol	40.000	37.733	5.7	126	-0.01
71		Phenanthrene	40.000	37.567	6.1	127	-0.01
72		Anthracene	40.000	37.761	5.6	126	-0.02
73		Carbazole	40.000	37.093	7.3	124	-0.02
74		Di-n-butylphthalate	40.000	36.672	8.3	123	-0.02
75	C	Fluoranthene	40.000	35.801	10.5	120	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	111	-0.01
77		Benzidine	40.000	40.247	-0.6	103	-0.01
78		Pyrene	40.000	45.115	-12.8	116	-0.01
79	S	Terphenyl-d14	80.000	92.052	-15.1	113	-0.01
80		Butylbenzylphthalate	40.000	40.913	-2.3	106	-0.02
81		Benzo(a)anthracene	40.000	38.150	4.6	99	-0.01
82		3,3'-Dichlorobenzidine	40.000	36.574	8.6	92	-0.01
83		Chrysene	40.000	37.672	5.8	99	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	37.590	6.0	97	-0.02
85	c	Di-n-octyl phthalate	40.000	34.387	14.0	91	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	96	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.964	5.1	84	-0.04
88		Benzo(b)fluoranthene	40.000	38.191	4.5	85	-0.02
89		Benzo(k)fluoranthene	40.000	38.890	2.8	88	-0.02
90	C	Benzo(a)pyrene	40.000	38.097	4.8	86	-0.02
91		Dibenzo(a,h)anthracene	40.000	37.985	5.0	85	-0.04
92		Benzo(g,h,i)perylene	40.000	37.727	5.7	85	-0.02

Sample Results: **BM050140.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050140.D
Acq On : 08 May 2025 10:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: May 08 12:03:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_P Calibration Date/Time: 05/06/2025 10:17

Lab File ID: BP024540.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.169		-3.4	
Benzaldehyde	0.819	0.804		-1.8	
Phenol-d6	1.656	1.490		-10.0	
Phenol	1.661	1.459		-12.2	20.0
bis(2-Chloroethyl)ether	1.339	1.163		-13.1	
2-Chlorophenol	1.350	1.270		-5.9	
2-Methylphenol	1.075	0.995		-7.4	
2,2-oxybis(1-Chloropropane)	1.447	1.254		-13.3	
Acetophenone	0.495	0.472		-4.6	
3+4-Methylphenols	1.491	1.350		-9.5	
n-Nitroso-di-n-propylamine	1.025	0.887	0.050	-13.5	
Nitrobenzene-d5	0.351	0.343		-2.3	
Hexachloroethane	0.533	0.521		-2.3	
Nitrobenzene	0.347	0.336		-3.2	
Isophorone	0.635	0.588		-7.4	
2-Nitrophenol	0.170	0.180		5.9	20.0
2,4-Dimethylphenol	0.213	0.205		-3.8	
bis(2-Chloroethoxy)methane	0.429	0.380		-11.4	
2,4-Dichlorophenol	0.291	0.296		1.7	20.0
Naphthalene	1.054	1.015		-3.7	
4-Chloroaniline	0.371	0.348		-6.2	
Hexachlorobutadiene	0.183	0.197		7.7	20.0
Caprolactam	0.107	0.101		-5.6	
4-Chloro-3-methylphenol	0.339	0.336		-0.9	20.0
2-Methylnaphthalene	0.731	0.692		-5.3	
Hexachlorocyclopentadiene	0.195	0.199	0.050	2.1	
2,4,6-Trichlorophenol	0.366	0.383		4.6	20.0
2-Fluorobiphenyl	1.306	1.299		-0.5	
2,4,5-Trichlorophenol	0.405	0.422		4.2	
1,1-Biphenyl	1.470	1.445		-1.7	
2-Chloronaphthalene	1.099	1.091		-0.7	
2-Nitroaniline	0.308	0.322		4.5	
Dimethylphthalate	1.454	1.395		-4.1	
Acenaphthylene	1.730	1.668		-3.6	
2,6-Dinitrotoluene	0.309	0.312		1.0	
3-Nitroaniline	0.325	0.310		-4.6	
Acenaphthene	1.097	1.042		-5.0	20.0
2,4-Dinitrophenol	0.182	0.178	0.050	-2.2	
4-Nitrophenol	0.280	0.244	0.050	-12.9	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1956 SAS No.: Q1956 SDG No.: Q1956

Instrument ID: BNA_P Calibration Date/Time: 05/06/2025 10:17

Lab File ID: BP024540.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.793	1.687		-5.9	
2,4-Dinitrotoluene	0.421	0.437		3.8	
Diethylphthalate	1.499	1.467		-2.1	
4-Chlorophenyl-phenylether	0.674	0.672		-0.3	
Fluorene	1.388	1.348		-2.9	
4-Nitroaniline	0.344	0.336		-2.3	
4,6-Dinitro-2-methylphenol	0.126	0.125		-0.8	
n-Nitrosodiphenylamine	0.597	0.575		-3.7	20.0
2,4,6-Tribromophenol	0.277	0.315		13.7	
4-Bromophenyl-phenylether	0.219	0.228		4.1	
Hexachlorobenzene	0.260	0.277		6.5	
Atrazine	0.152	0.140		-7.9	
Pentachlorophenol	0.181	0.191		5.5	20.0
Phenanthrene	1.091	1.036		-5.0	
Anthracene	1.052	1.032		-1.9	
Carbazole	1.027	0.997		-2.9	
Di-n-butylphthalate	1.280	1.303		1.8	
Fluoranthene	1.298	1.282		-1.2	20.0
Pyrene	1.271	1.167		-8.2	
Terphenyl-d14	0.992	0.978		-1.4	
Butylbenzylphthalate	0.544	0.545		0.2	
3,3-Dichlorobenzidine	0.436	0.430		-1.4	
Benzo(a)anthracene	1.243	1.199		-3.5	
Chrysene	1.191	1.148		-3.6	
Bis(2-ethylhexyl)phthalate	0.798	0.796		-0.3	
Di-n-octyl phthalate	1.297	1.373		5.9	20.0
Benzo(b)fluoranthene	1.199	1.159		-3.3	
Benzo(k)fluoranthene	1.158	1.069		-7.7	
Benzo(a)pyrene	1.034	1.002		-3.1	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.369		-1.4	
Dibenzo(a,h)anthracene	1.152	1.123		-2.5	
Benzo(g,h,i)perylene	1.173	1.146		-2.3	
1,2,4,5-Tetrachlorobenzene	0.550	0.573		4.2	
1,4-Dioxane	0.512	0.475		-7.2	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.376		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	159873	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	632107	20.000	ng		#-0.02
39) Acenaphthene-d10	14.339	164	387042	20.000	ng		-0.01
64) Phenanthrene-d10	17.139	188	762899	20.000	ng		0.00
76) Chrysene-d12	21.580	240	851557	20.000	ng		-0.01
86) Perylene-d12	24.898	264	1008561	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	747784	77.338	ng		-0.02
7) Phenol-d6	6.899	99	952824	71.968	ng		-0.01
23) Nitrobenzene-d5	8.851	82	867321	78.239	ng		-0.02
42) 2,4,6-Tribromophenol	15.857	330	487153	90.973	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	2011006	79.554	ng		-0.02
79) Terphenyl-d14	19.863	244	3331765	78.863	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	152025	37.172	ng		96
3) Pyridine	3.675	79	352071	32.601	ng		91
4) n-Nitrosodimethylamine	3.581	42	154888	43.215	ng		76
6) Aniline	7.046	93	386110	32.636	ng		99
8) 2-Chlorophenol	7.281	128	405922	37.602	ng		98
9) Benzaldehyde	6.863	77	256922	39.230	ng		98
10) Phenol	6.922	94	466555	35.129	ng		90
11) bis(2-Chloroethyl)ether	7.140	93	372008	34.764	ng		98
12) 1,3-Dichlorobenzene	7.593	146	437986	37.686	ng		98
13) 1,4-Dichlorobenzene	7.740	146	446429	37.859	ng		99
14) 1,2-Dichlorobenzene	8.057	146	426358	37.444	ng		98
15) Benzyl Alcohol	7.946	79	322385	37.653	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	400895	34.660	ng		100
17) 2-Methylphenol	8.152	107	318132	37.028	ng		96
18) Hexachloroethane	8.769	117	166638	39.103	ng		97
19) n-Nitroso-di-n-propyla...	8.504	70	283547	34.618	ng		94
20) 3+4-Methylphenols	8.481	107	431759	36.217	ng		98
22) Acetophenone	8.522	105	596779	38.145	ng	#	97
24) Nitrobenzene	8.893	77	424708	38.728	ng		98
25) Isophorone	9.416	82	743899	37.074	ng		98
26) 2-Nitrophenol	9.599	139	227996	42.484	ng		96
27) 2,4-Dimethylphenol	9.663	122	259698	38.539	ng		97
28) bis(2-Chloroethoxy)met...	9.893	93	480141	35.422	ng		98
29) 2,4-Dichlorophenol	10.140	162	374212	40.729	ng		98
30) 1,2,4-Trichlorobenzene	10.340	180	397310	40.360	ng		99
31) Naphthalene	10.522	128	1282685	38.523	ng		99
32) Benzoic acid	9.822	122	286904m	36.540	ng		
33) 4-Chloroaniline	10.646	127	440508	37.567	ng		99
34) Hexachlorobutadiene	10.804	225	248860	43.020	ng		99
35) Caprolactam	11.440	113	127992	37.754	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	424537	39.670	ng		100
37) 2-Methylnaphthalene	12.134	142	875375	37.908	ng		97
38) 1-Methylnaphthalene	12.357	142	852533	37.739	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	443546	41.672	ng		100
41) Hexachlorocyclopentadiene	12.487	237	154429	41.024	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	296235	41.862	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

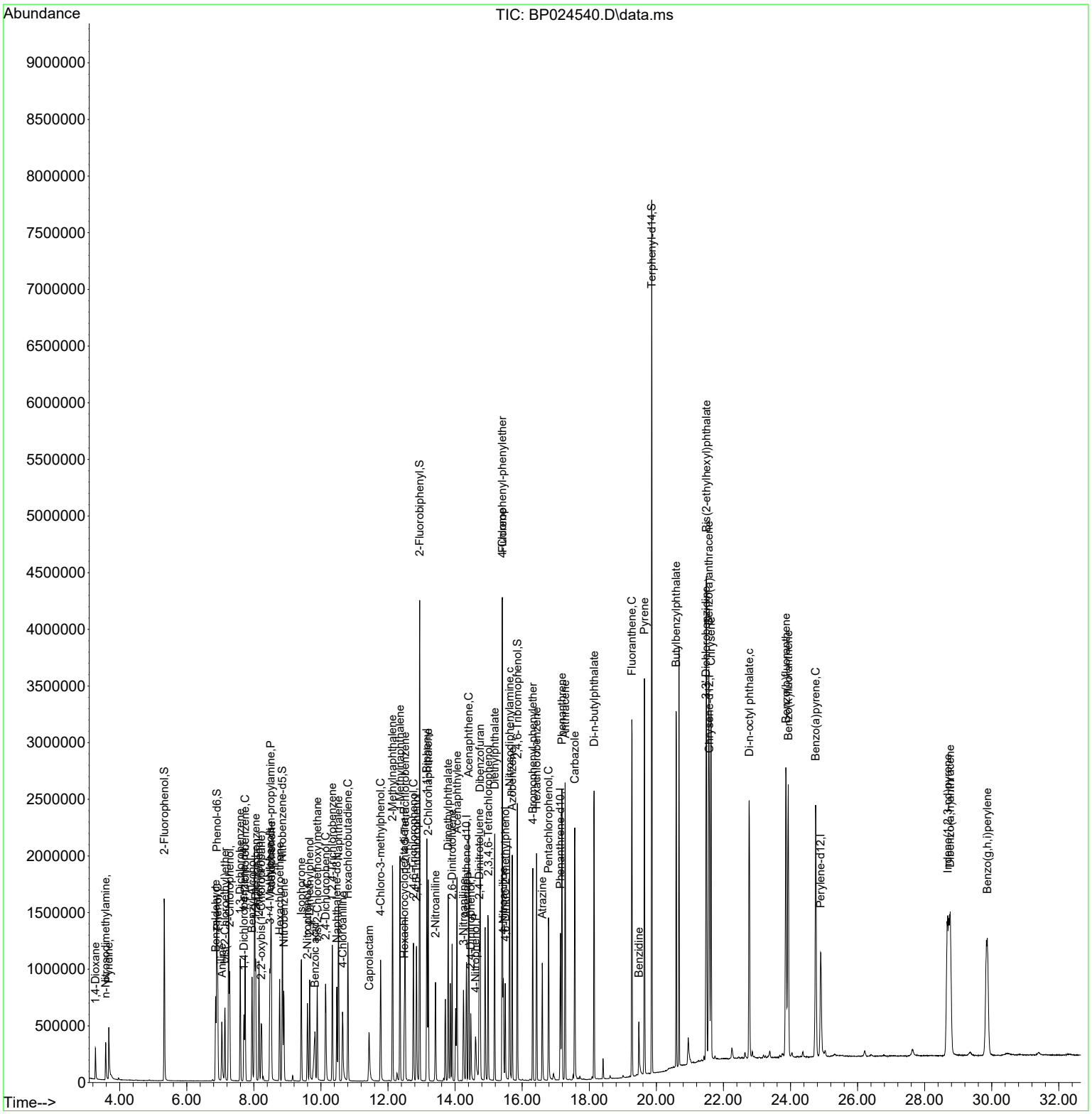
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	327050	41.735	ng		99
46) 1,1'-Biphenyl	13.157	154	1118780	39.325	ng		99
47) 2-Chloronaphthalene	13.198	162	844443	39.714	ng		98
48) 2-Nitroaniline	13.416	65	249517	41.835	ng		94
49) Acenaphthylene	14.057	152	1290957	38.563	ng		99
50) Dimethylphthalate	13.792	163	1079826	38.365	ng		100
51) 2,6-Dinitrotoluene	13.910	165	241315	40.375	ng		93
52) Acenaphthene	14.404	154	806835	38.017	ng		100
53) 3-Nitroaniline	14.251	138	240113	38.224	ng		100
54) 2,4-Dinitrophenol	14.469	184	137626	39.091	ng		88
55) Dibenzofuran	14.745	168	1305830	37.642	ng		95
56) 4-Nitrophenol	14.610	139	189138m	34.863	ng		
57) 2,4-Dinitrotoluene	14.722	165	337968	41.453	ng		98
58) Fluorene	15.410	166	1043749	38.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	290927	40.253	ng		97
60) Diethylphthalate	15.181	149	1135541	39.149	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	520251	39.894	ng		96
62) 4-Nitroaniline	15.439	138	260176	39.125	ng		87
63) Azobenzene	15.704	77	994386	37.300	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	190456	39.598	ng		95
66) n-Nitrosodiphenylamine	15.628	169	877896	38.554	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	347590	41.659	ng		98
68) Hexachlorobenzene	16.428	284	422786	42.643	ng		98
69) Atrazine	16.598	200	213423	36.800	ng		98
70) Pentachlorophenol	16.786	266	290763	42.038	ng		99
71) Phenanthrene	17.186	178	1580153	37.968	ng		99
72) Anthracene	17.280	178	1574277	39.248	ng		100
73) Carbazole	17.569	167	1521439	38.820	ng		98
74) Di-n-butylphthalate	18.145	149	1988010	40.715	ng		100
75) Fluoranthene	19.269	202	1955487	39.506	ng		98
77) Benzidine	19.480	184	335953	31.123	ng		98
78) Pyrene	19.645	202	1987447	36.725	ng		100
80) Butylbenzylphthalate	20.592	149	928290	40.047	ng		99
81) Benzo(a)anthracene	21.563	228	2042490	38.589	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	733143	39.464	ng		99
83) Chrysene	21.627	228	1954651	38.547	ng		99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1356524	39.920	ng		100
85) Di-n-octyl phthalate	22.768	149	2338603	42.333	ng		100
87) Indeno(1,2,3-cd)pyrene	28.686	276	2760648	39.427	ng	#	69
88) Benzo(b)fluoranthene	23.862	252	2338497m	38.682	ng		
89) Benzo(k)fluoranthene	23.933	252	2156128	36.923	ng		98
90) Benzo(a)pyrene	24.751	252	2020791	38.752	ng		98
91) Dibenzo(a,h)anthracene	28.762	278	2265399	38.980	ng		98
92) Benzo(g,h,i)perylene	29.868	276	2312588m	39.093	ng		

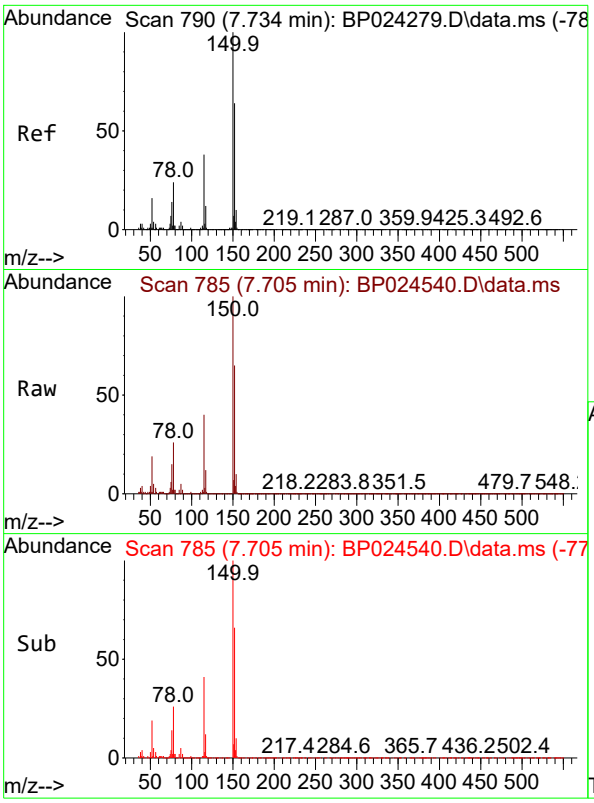
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



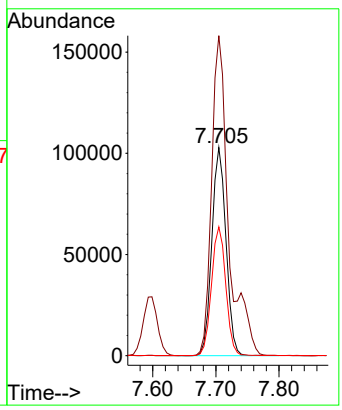


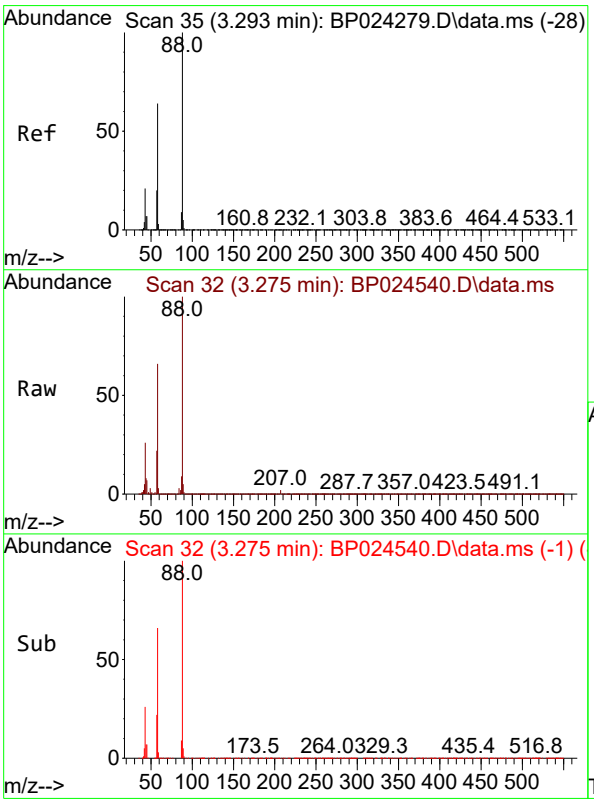
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 159873

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.9	187.3
115	61.8	47.7	71.5

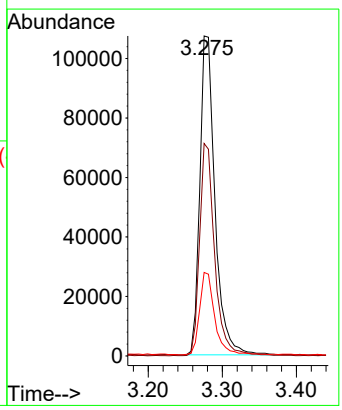


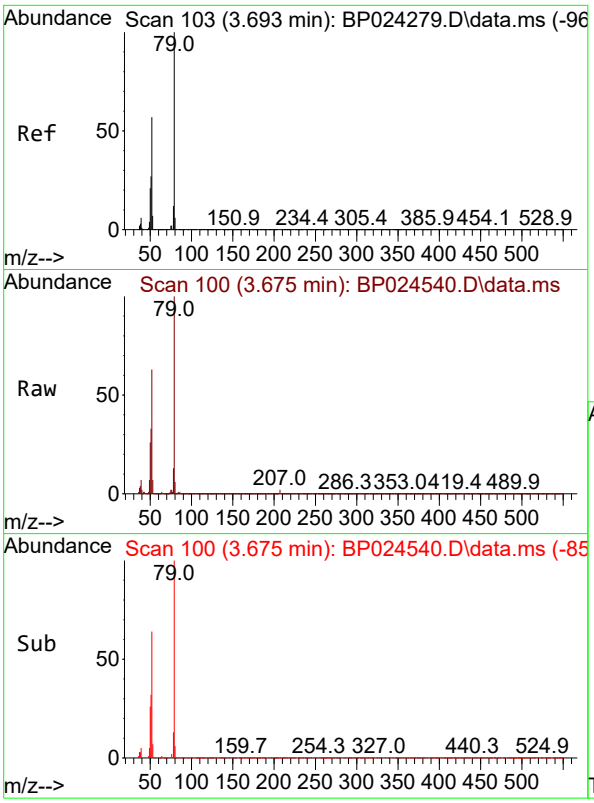


#2
1,4-Dioxane
Concen: 37.172 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 88 Resp: 152025

Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.4	77.2
43	25.6	17.1	25.7



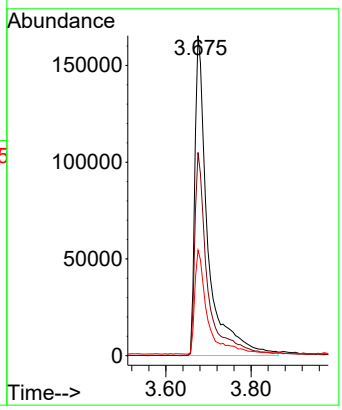


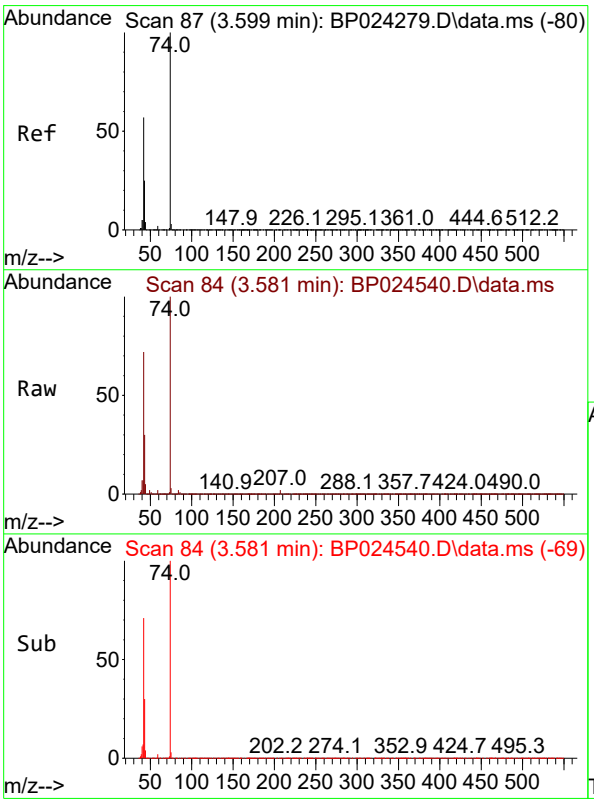
#3
Pyridine
Concen: 32.601 ng
RT: 3.675 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 352071

Ion	Ratio	Lower	Upper
79	100		
52	63.5	45.4	68.2
51	33.0	22.6	33.8

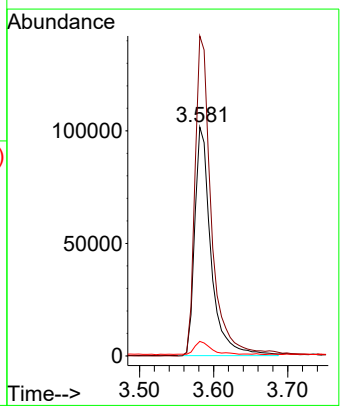


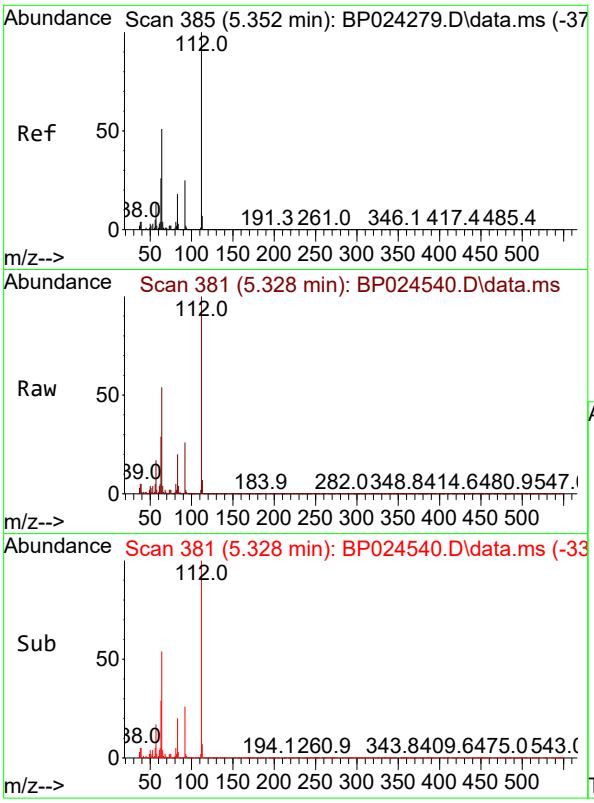


#4
n-Nitrosodimethylamine
Concen: 43.215 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 42 Resp: 154888

Ion	Ratio	Lower	Upper
42	100		
74	139.7	139.5	209.3
44	6.4	5.8	8.8



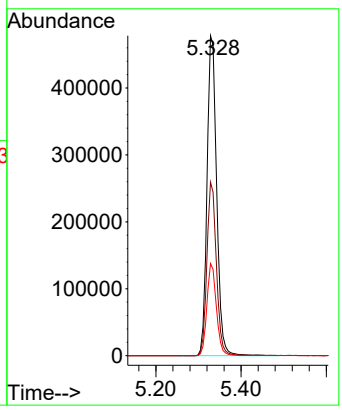


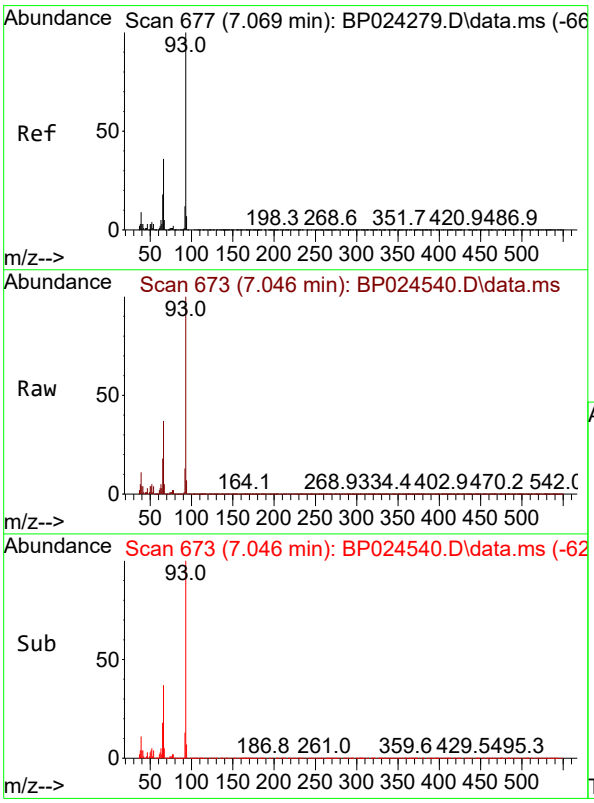
#5
2-Fluorophenol
Concen: 77.338 ng
RT: 5.328 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 747784

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.1	61.7
63	28.8	20.6	30.8

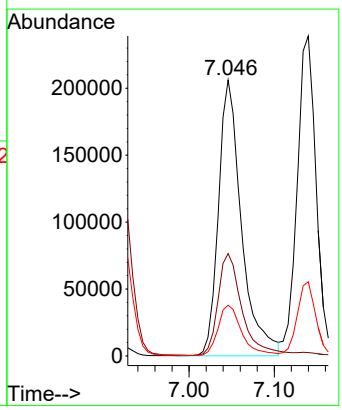


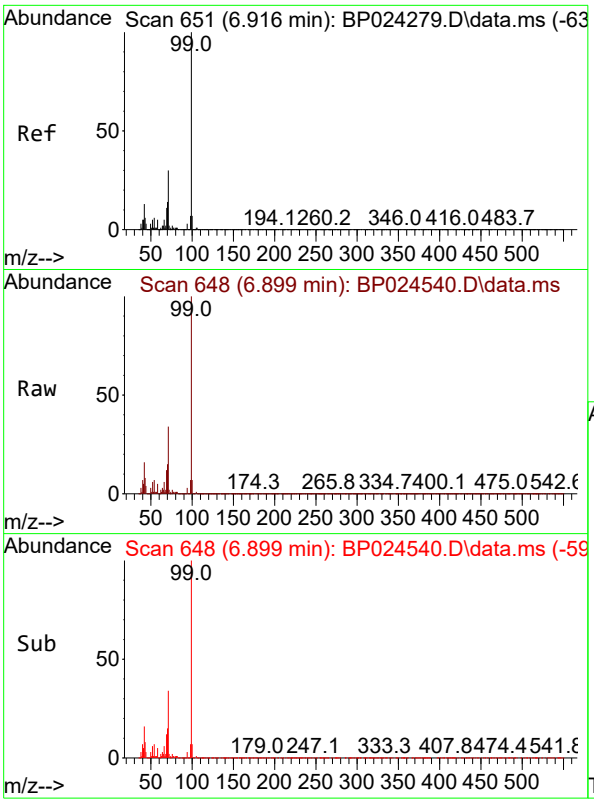


#6
Aniline
Concen: 32.636 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 93 Resp: 386110

Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.1	43.7
65	18.4	14.7	22.1



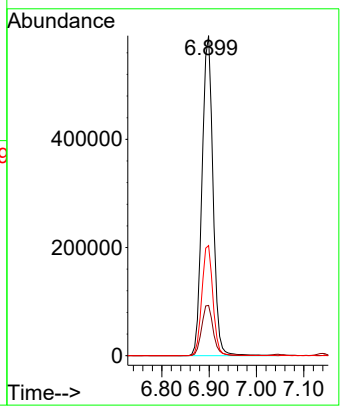


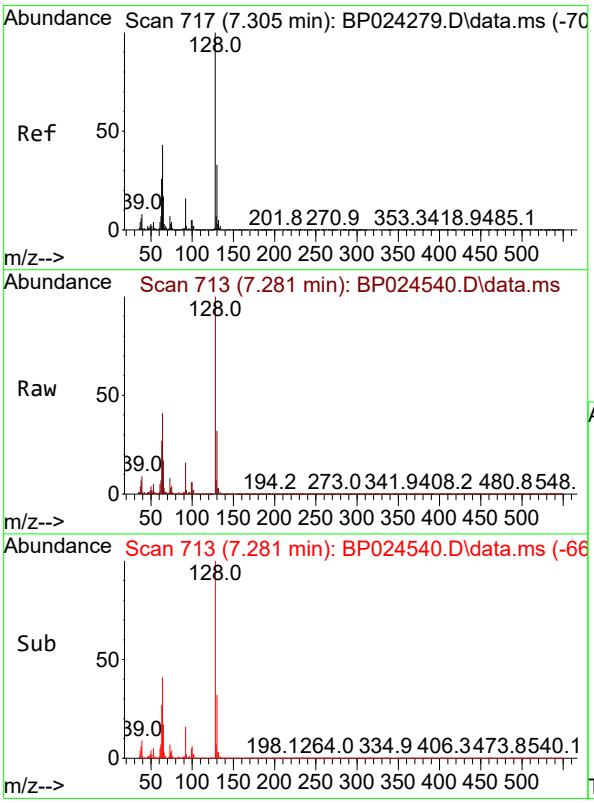
#7
Phenol-d6
Concen: 71.968 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 952824

Ion	Ratio	Lower	Upper
99	100		
42	15.7	10.6	16.0
71	34.4	23.7	35.5

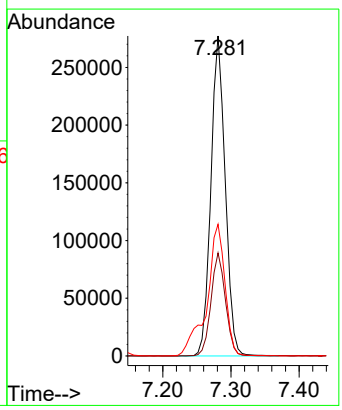


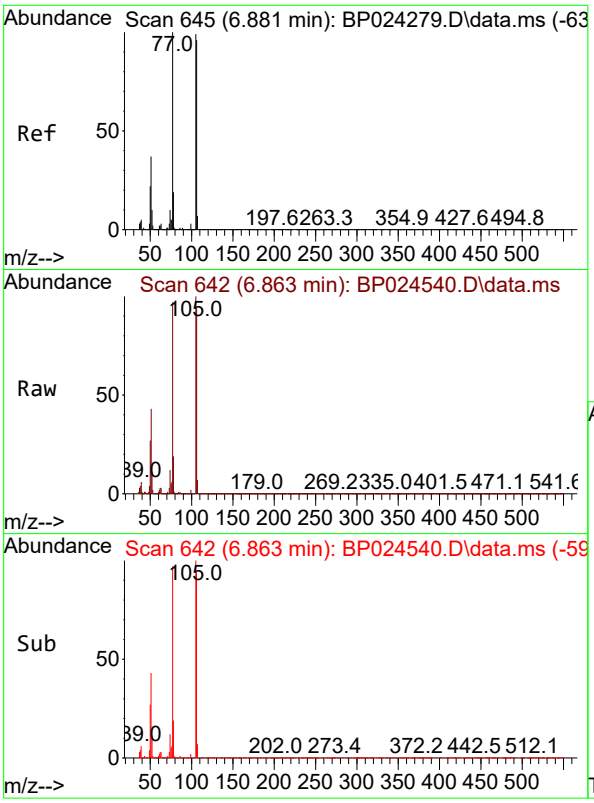


#8
2-Chlorophenol
Concen: 37.602 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:128 Resp: 405922

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	41.2	22.7	62.7



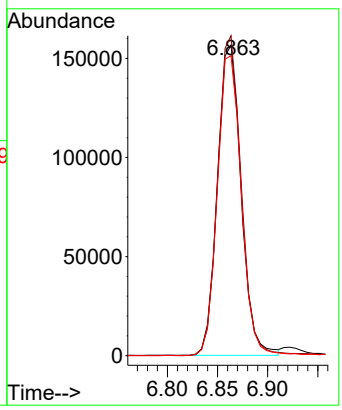


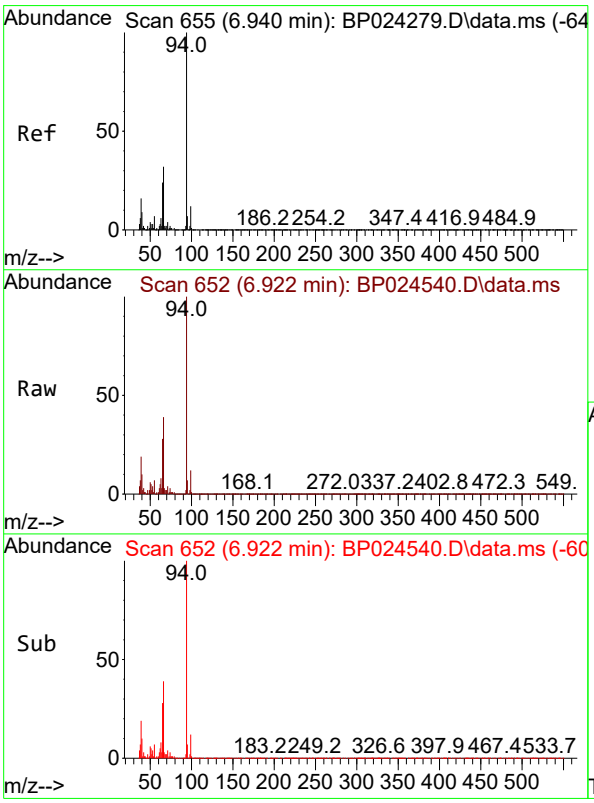
#9
Benzaldehyde
Concen: 39.230 ng
RT: 6.863 min Scan# 64
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 256922

Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.2	119.2
106	96.6	76.2	116.2

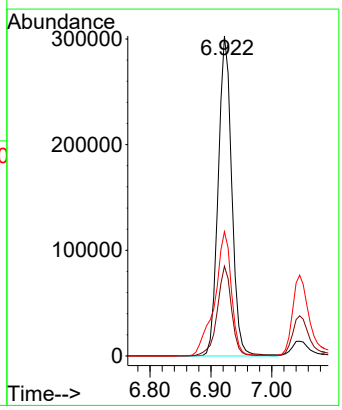


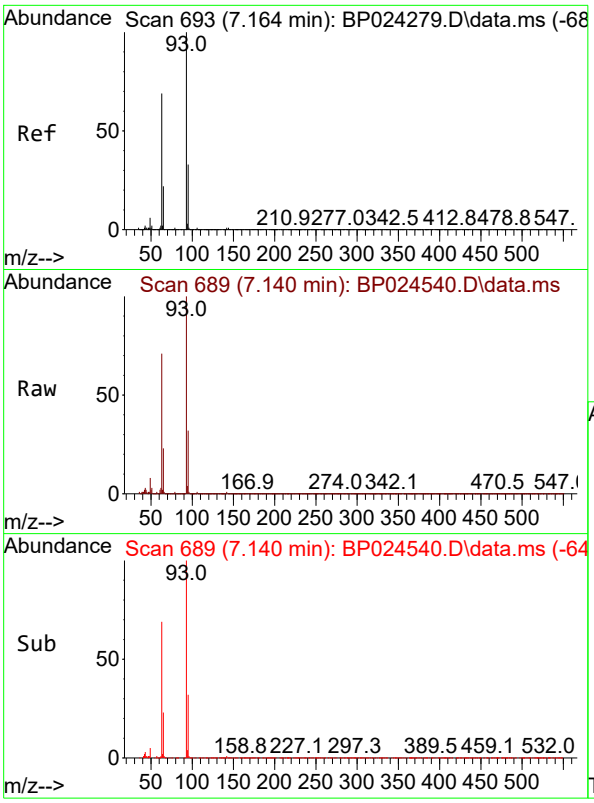


#10
Phenol
Concen: 35.129 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 94 Resp: 466555

Ion	Ratio	Lower	Upper
94	100		
65	28.0	4.5	44.5
66	38.8	12.4	52.4



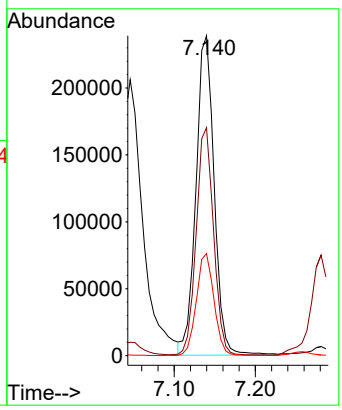


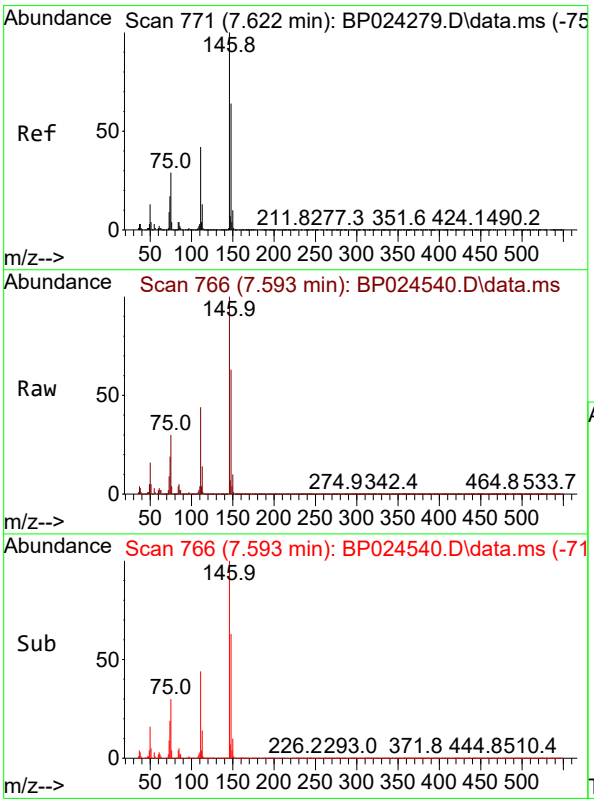
#11
bis(2-Chloroethyl)ether
Concen: 34.764 ng
RT: 7.140 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 372008

Ion	Ratio	Lower	Upper
93	100		
63	71.3	48.6	88.6
95	32.0	12.3	52.3

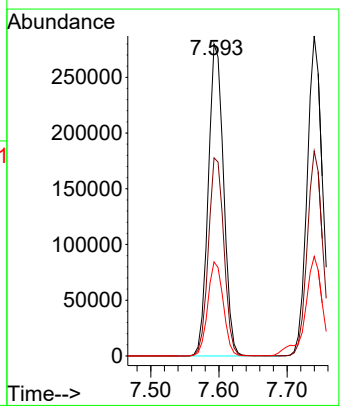


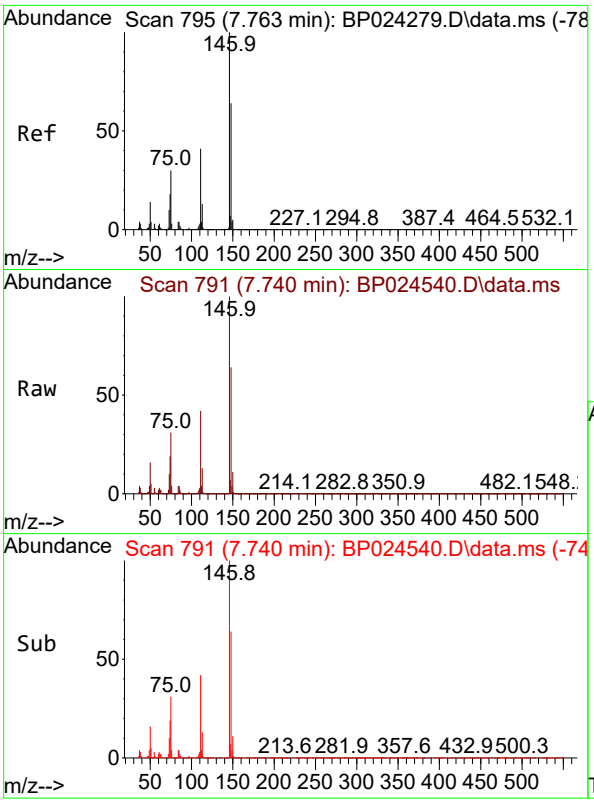


#12
1,3-Dichlorobenzene
Concen: 37.686 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 437986

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	30.2	22.9	34.3



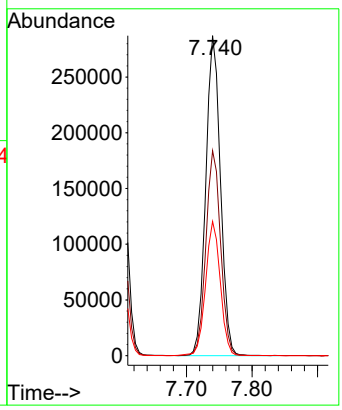


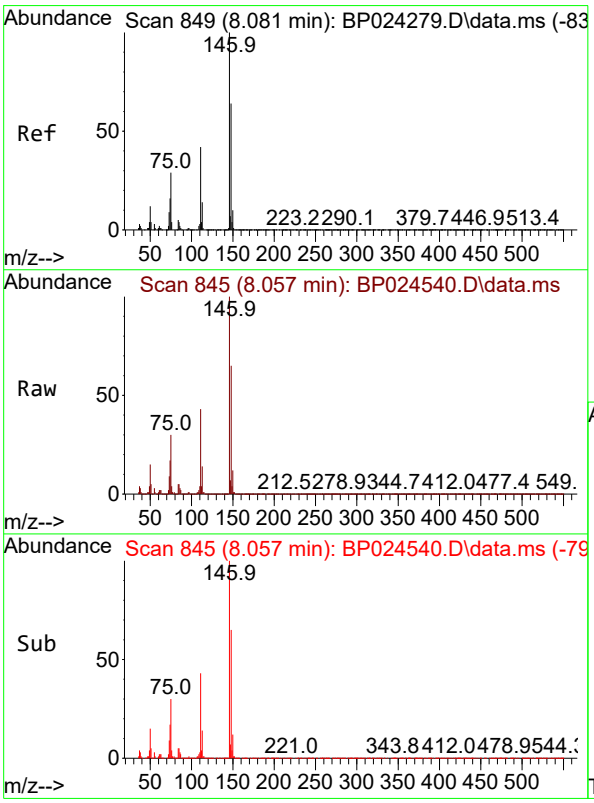
#13
1,4-Dichlorobenzene
Concen: 37.859 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 446429

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	42.0	32.6	48.8

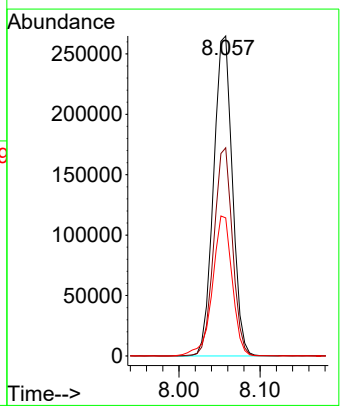


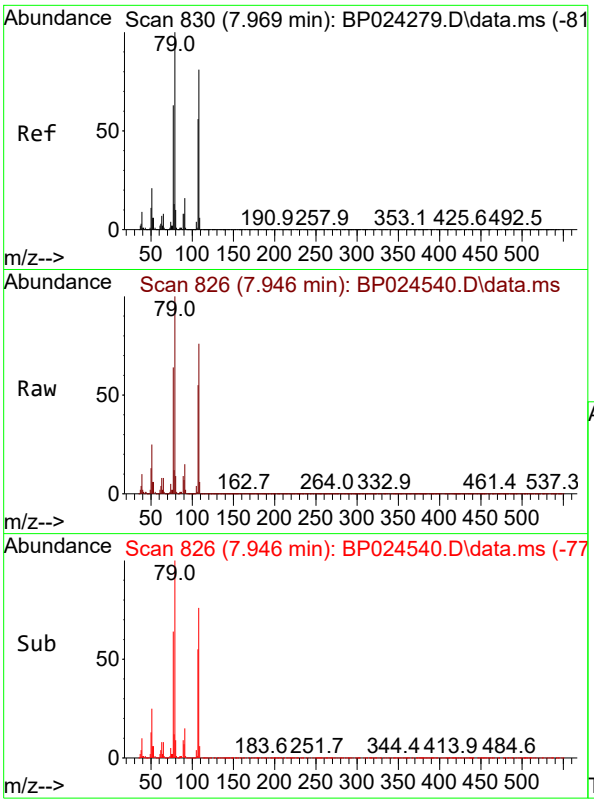


#14
1,2-Dichlorobenzene
Concen: 37.444 ng
RT: 8.057 min Scan# 845
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 426358

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
111	43.1	33.8	50.8



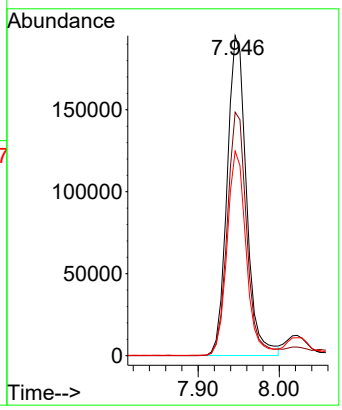


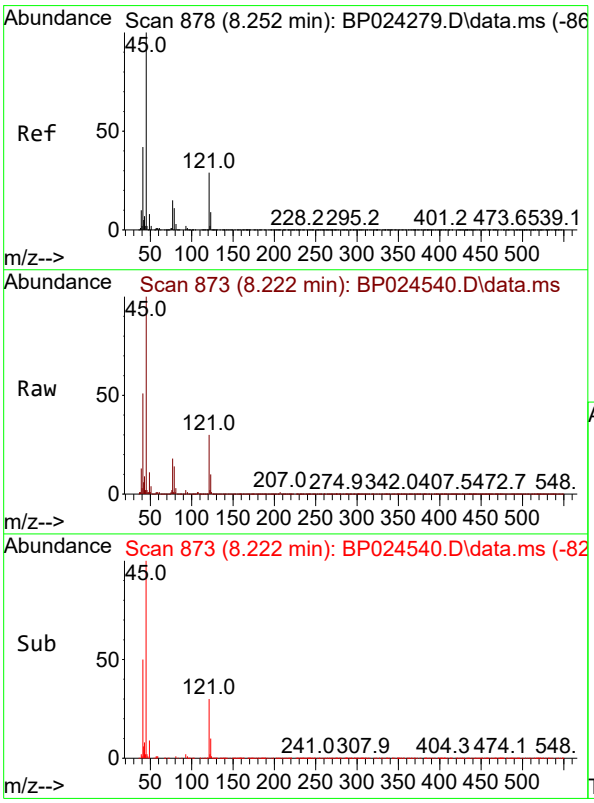
#15
Benzyl Alcohol
Concen: 37.653 ng
RT: 7.946 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 322385

Ion	Ratio	Lower	Upper
79	100		
108	76.1	65.1	97.7
77	64.0	50.7	76.1

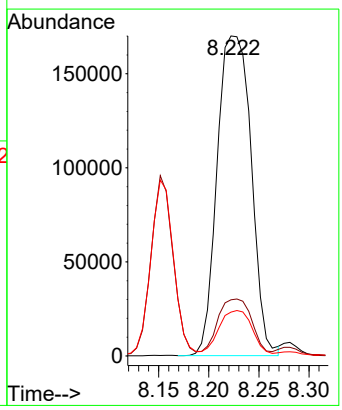


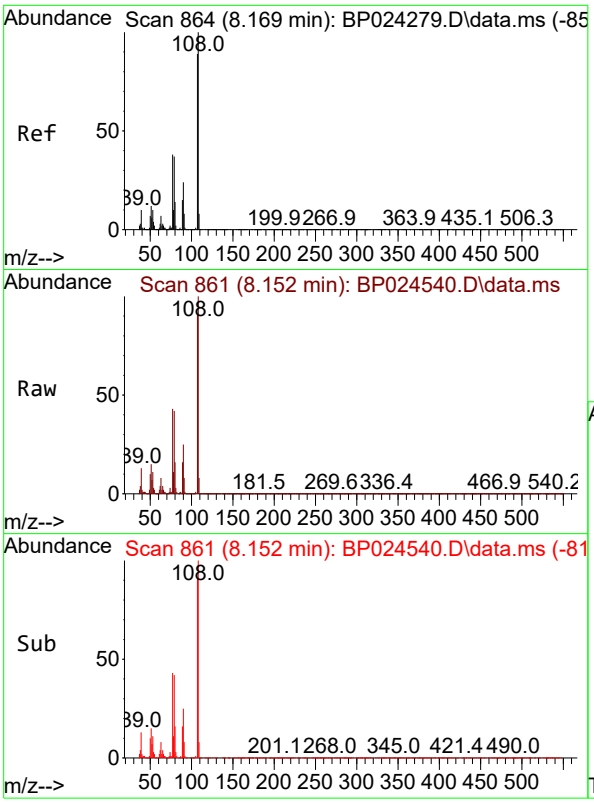


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.660 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 45 Resp: 400895

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	13.7	0.0	33.5



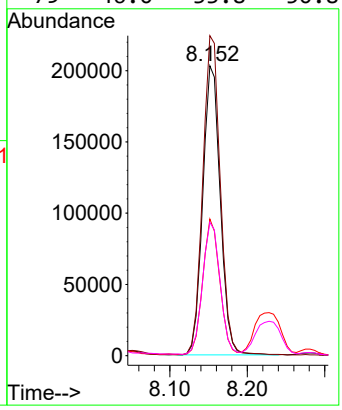


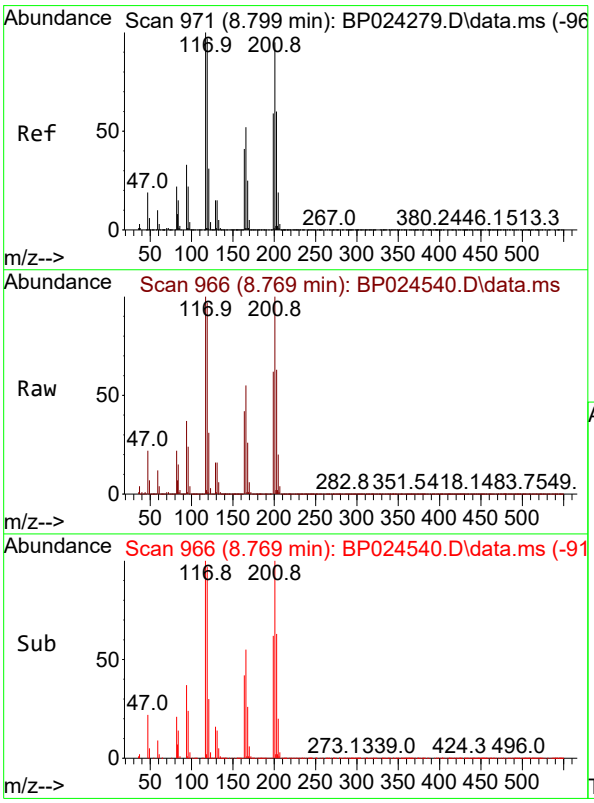
#17
2-Methylphenol
Concen: 37.028 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 318132

Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.8	134.6
77	47.1	34.2	51.4
79	46.0	33.8	50.8

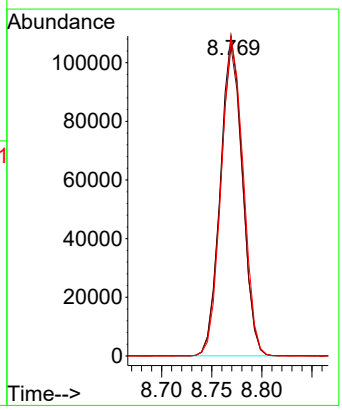


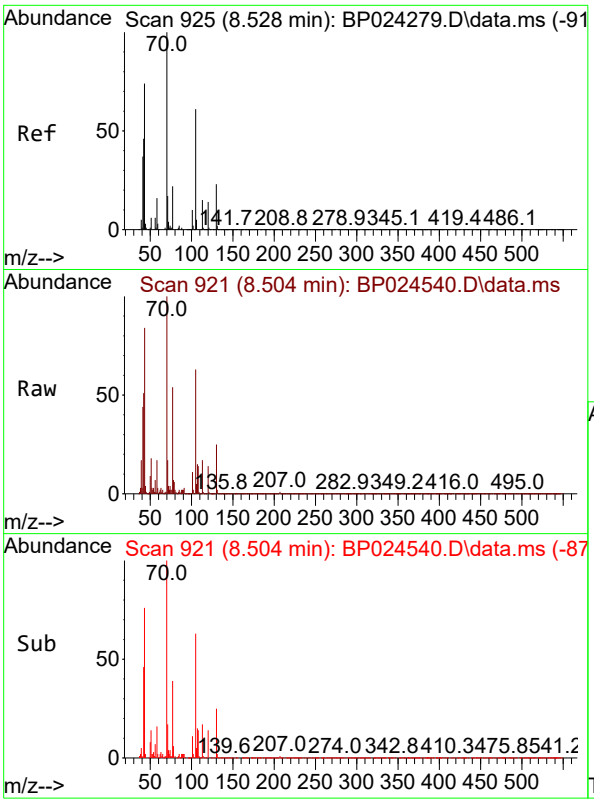


#18
Hexachloroethane
Concen: 39.103 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:117 Resp: 166638

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.8	116.6
201	100.0	75.9	113.9



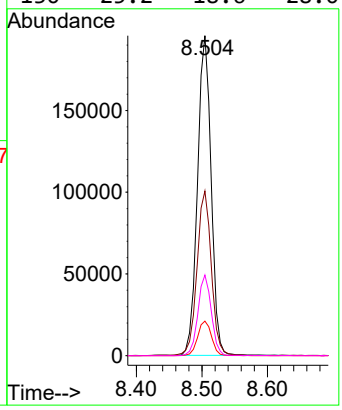


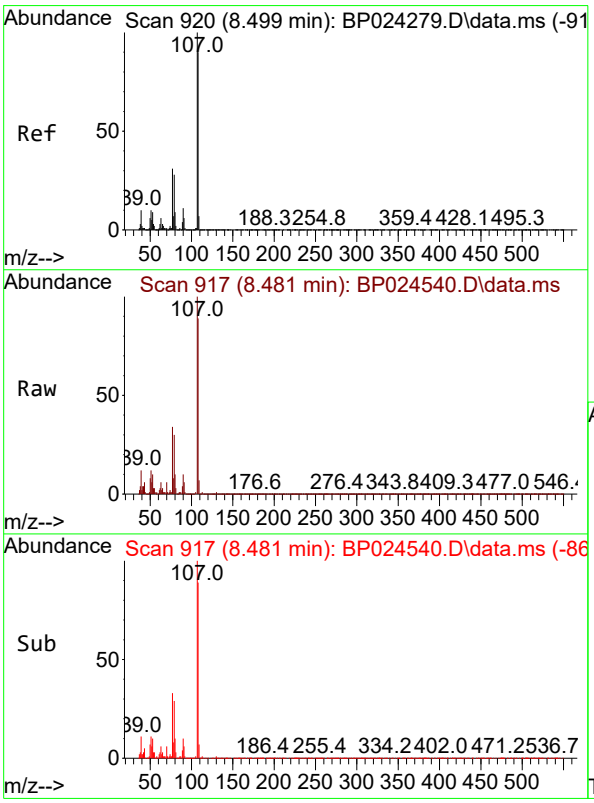
#19
n-Nitroso-di-n-propylamine
Concen: 34.618 ng
RT: 8.504 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 283547

Ion	Ratio	Lower	Upper
70	100		
42	51.5	37.3	55.9
101	10.8	8.2	12.4
130	25.2	18.6	28.0

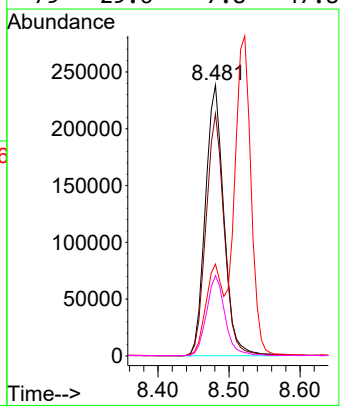


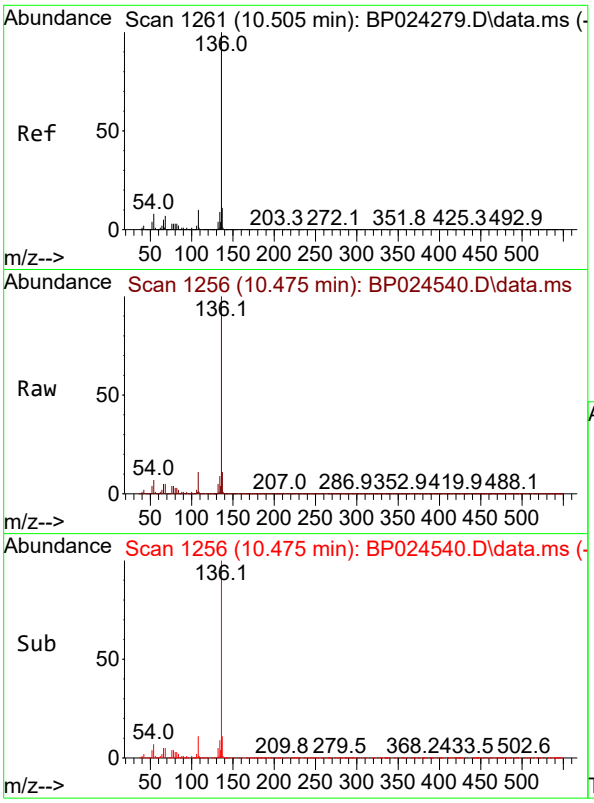


#20
3+4-Methylphenols
Concen: 36.217 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:107 Resp: 431759

Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.8	109.8
77	33.9	11.5	51.5
79	29.6	7.8	47.8



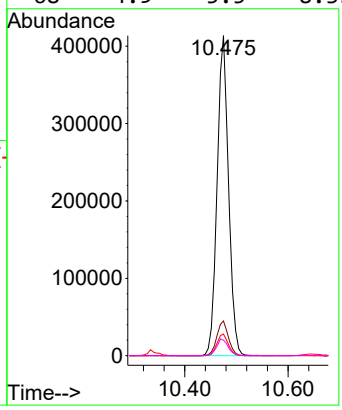


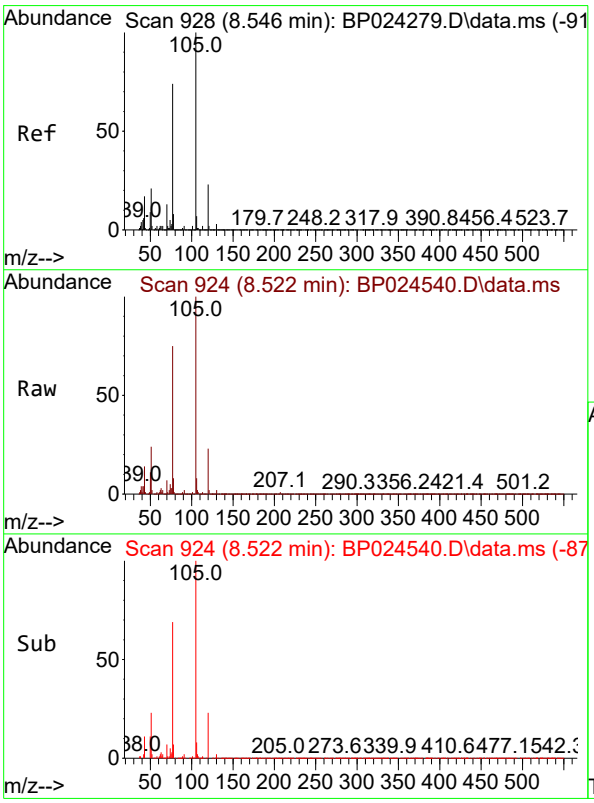
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 632107

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	6.0	9.0
68	4.9	5.5	8.3#

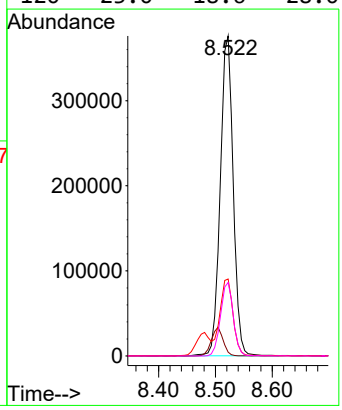


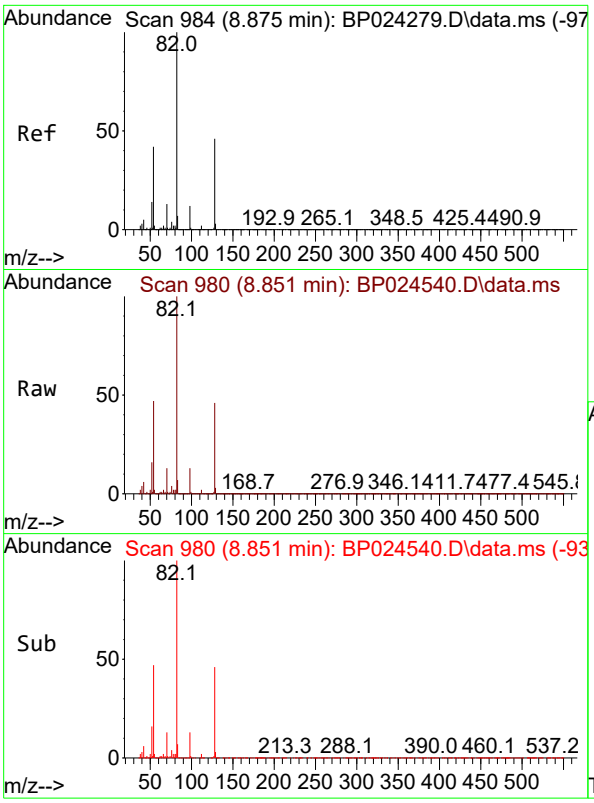


#22
Acetophenone
Concen: 38.145 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:105 Resp: 596779

Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.7	2.5#
51	24.1	16.9	25.3
120	23.0	18.6	28.0



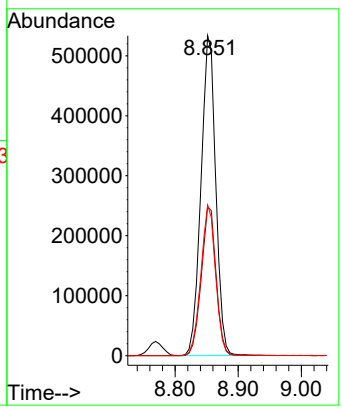


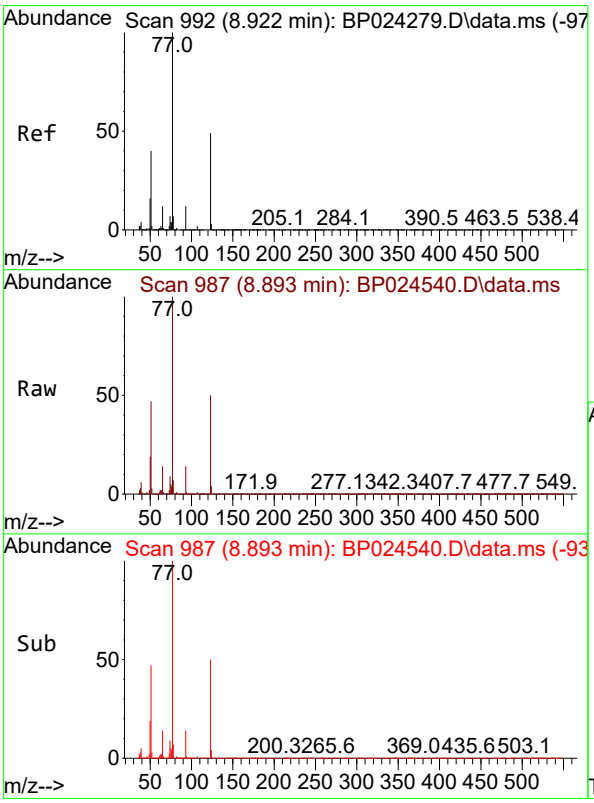
#23
Nitrobenzene-d5
Concen: 78.239 ng
RT: 8.851 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 867321

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	47.1	33.4	50.2

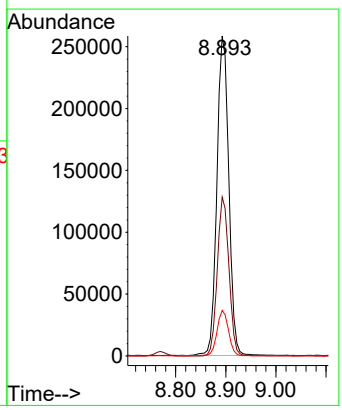


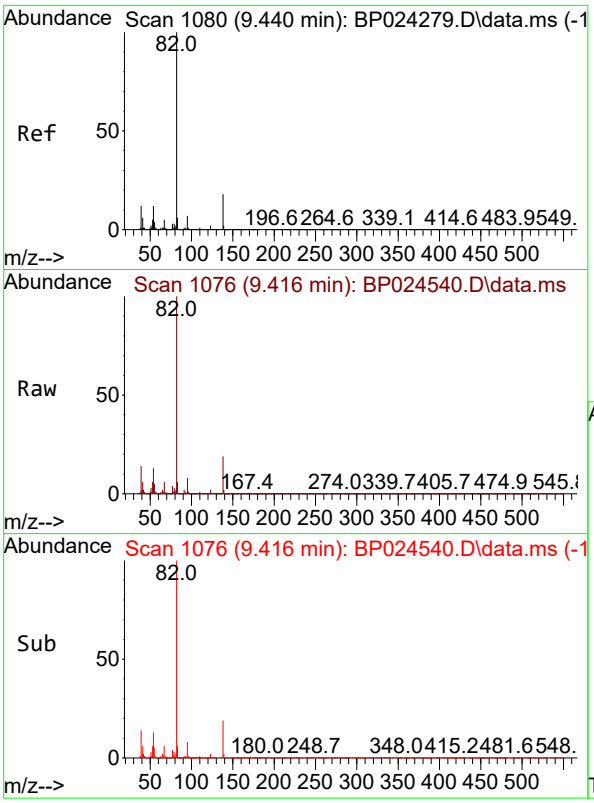


#24
Nitrobenzene
Concen: 38.728 ng
RT: 8.893 min Scan# 987
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 77 Resp: 424708

Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.2	58.8
65	14.3	9.8	14.6



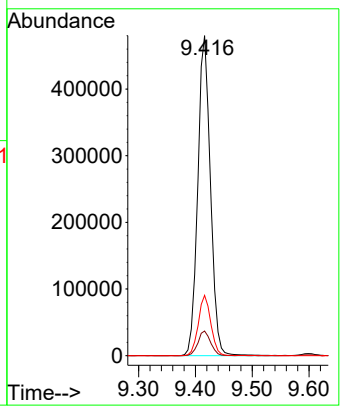


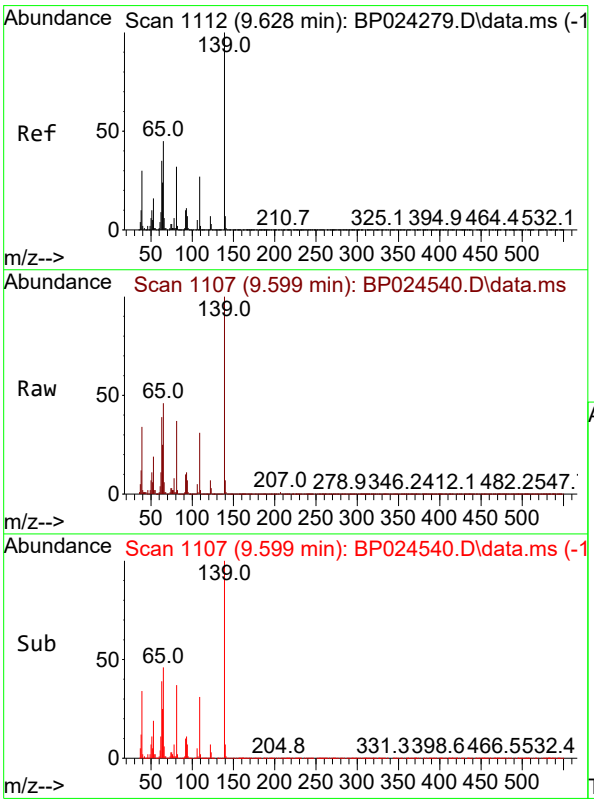
#25
Isophorone
Concen: 37.074 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 743899

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.4	8.2
138	18.9	14.4	21.6

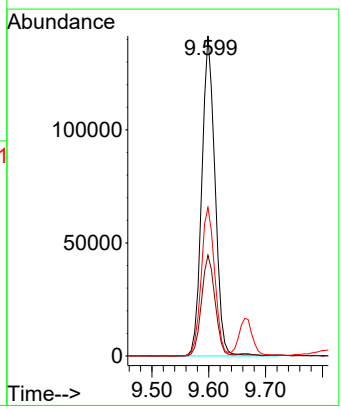


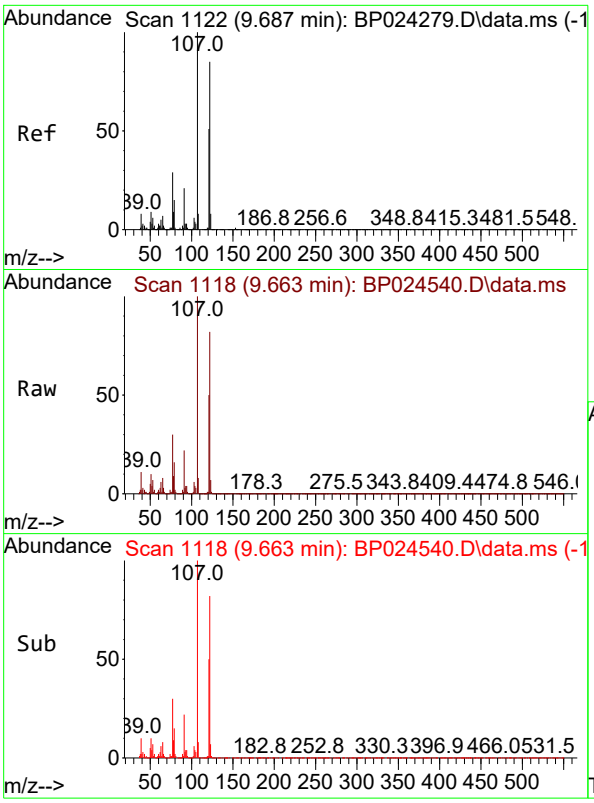


#26
2-Nitrophenol
Concen: 42.484 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:139 Resp: 227996

Ion	Ratio	Lower	Upper
139	100		
109	31.4	21.8	32.6
65	46.4	36.2	54.2



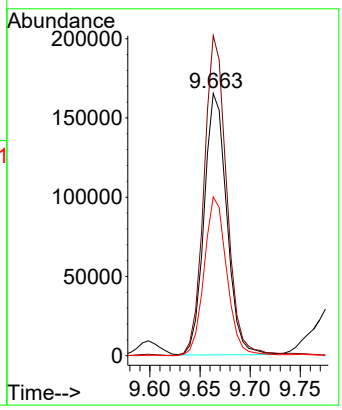


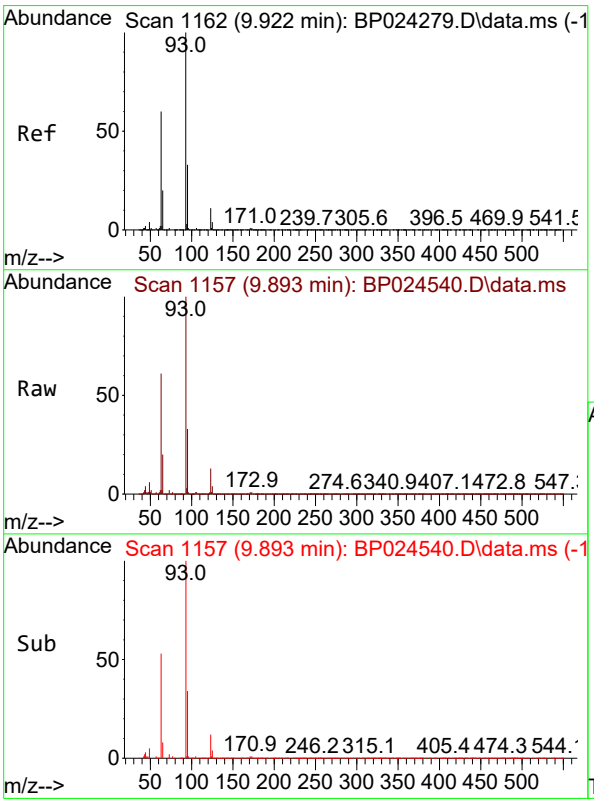
#27
2,4-Dimethylphenol
Concen: 38.539 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 259698

Ion	Ratio	Lower	Upper
122	100		
107	122.0	93.7	140.5
121	60.5	48.2	72.2

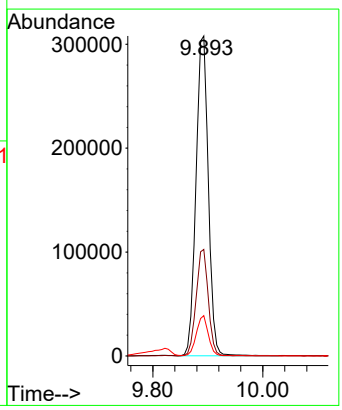


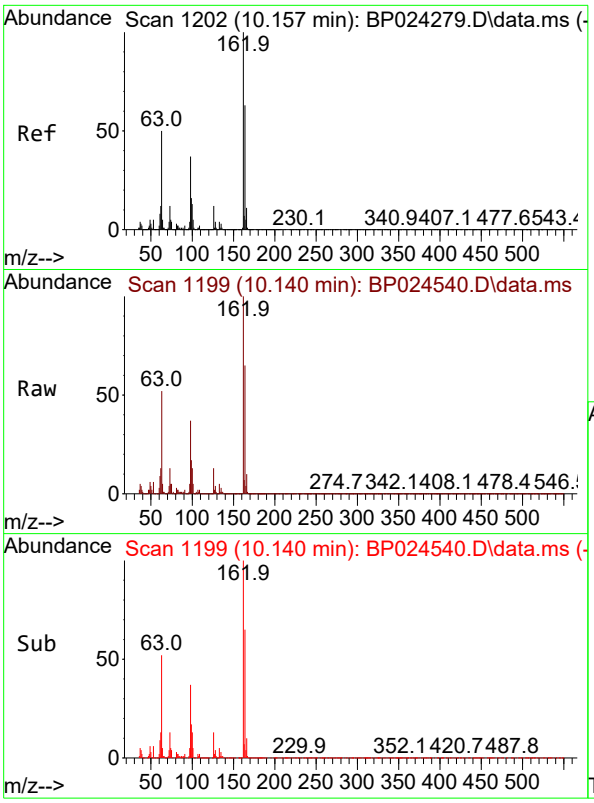


#28
bis(2-Chloroethoxy)methane
Concen: 35.422 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 93 Resp: 480141

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.6	9.1	13.7



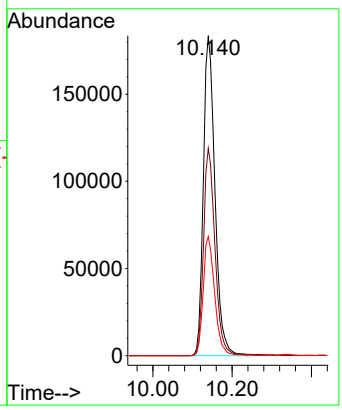


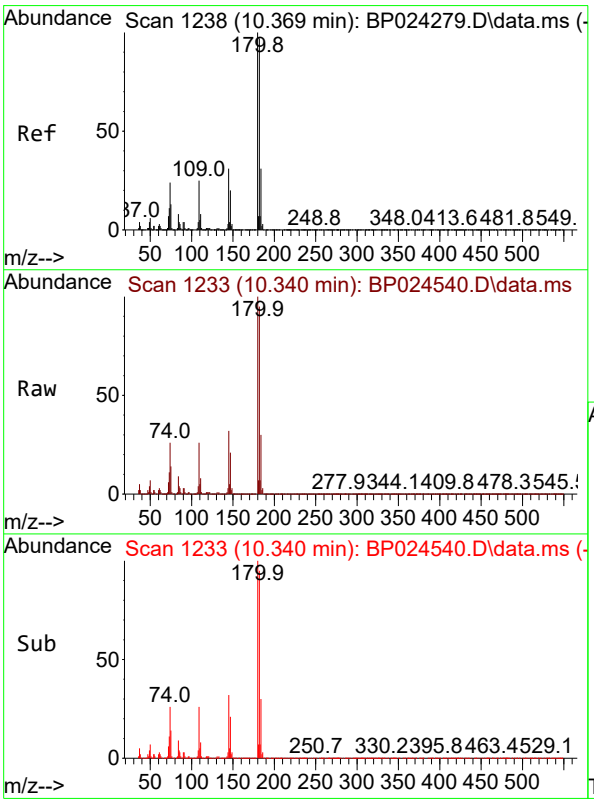
#29
2,4-Dichlorophenol
Concen: 40.729 ng
RT: 10.140 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 374212

Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.3	83.3
98	37.2	16.6	56.6

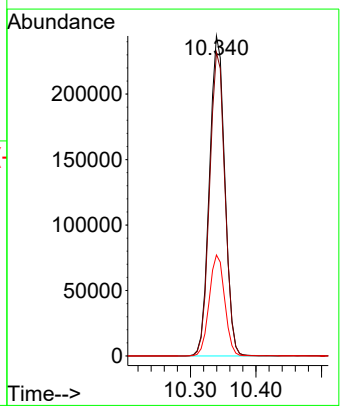


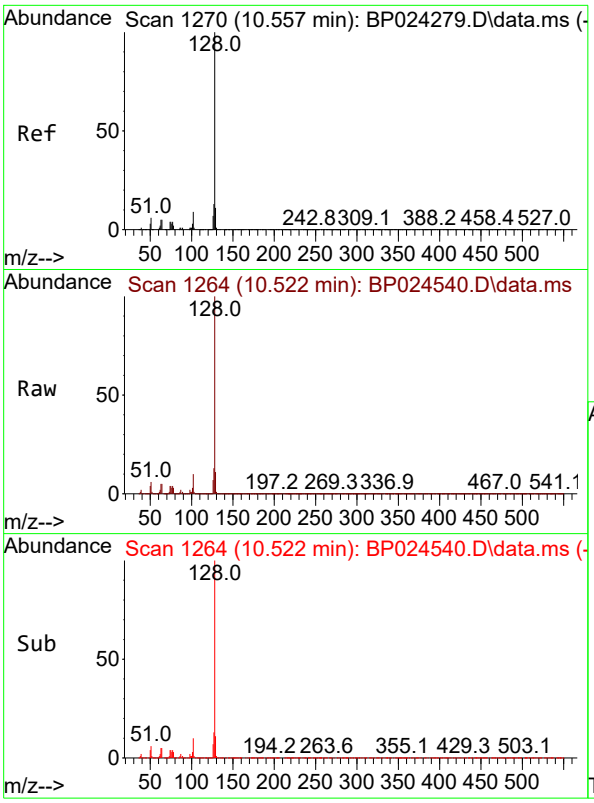


#30
1,2,4-Trichlorobenzene
Concen: 40.360 ng
RT: 10.340 min Scan# 1233
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:180 Resp: 397310

Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.3	115.9
145	31.6	25.1	37.7



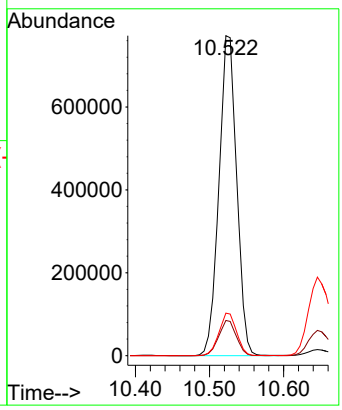


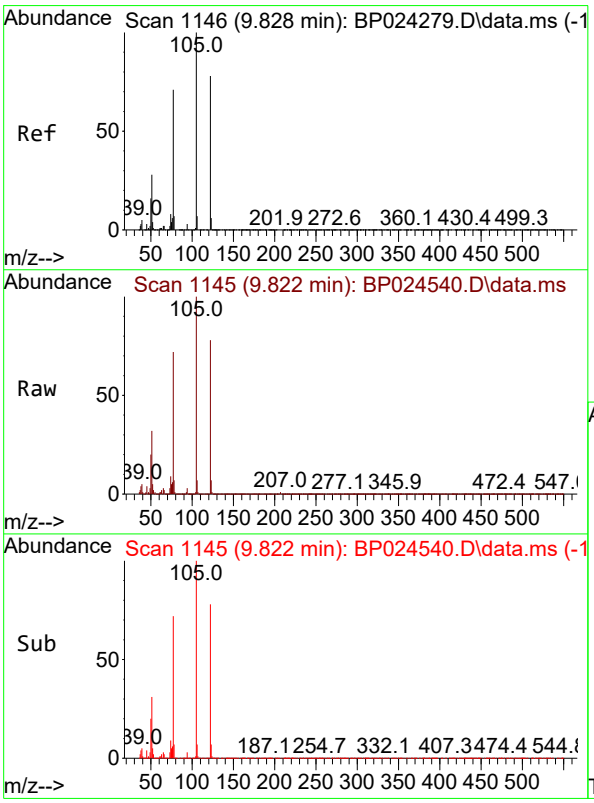
#31
Naphthalene
Concen: 38.523 ng
RT: 10.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1282685

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.3	15.5

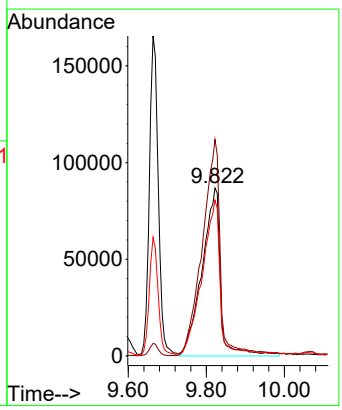


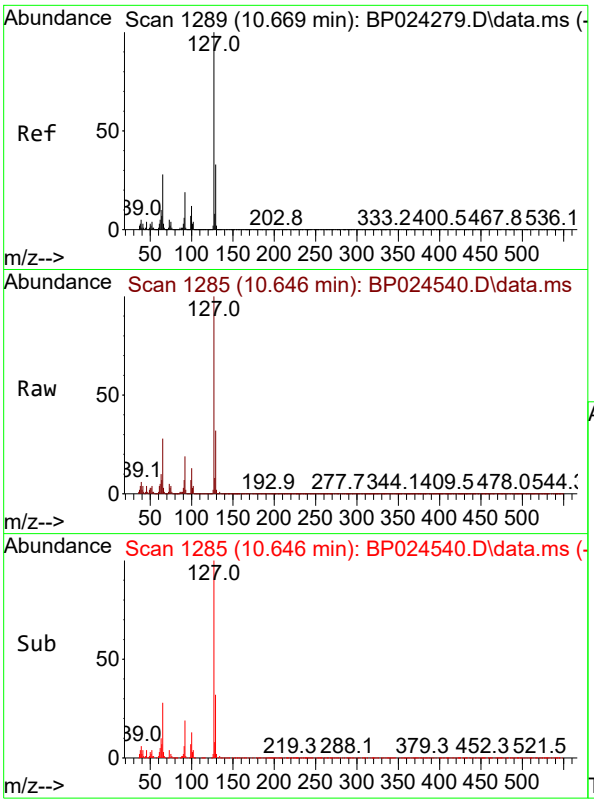


#32
Benzoic acid
Concen: 36.540 ng m
RT: 9.822 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:122 Resp: 286904

Ion	Ratio	Lower	Upper
122	100		
105	129.0	104.8	144.8
77	92.9	69.2	109.2



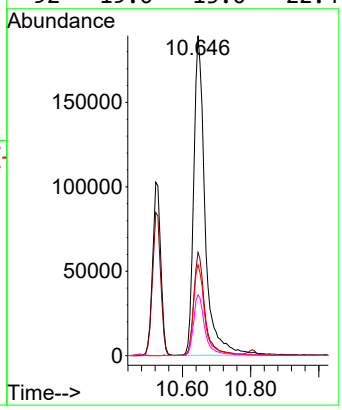


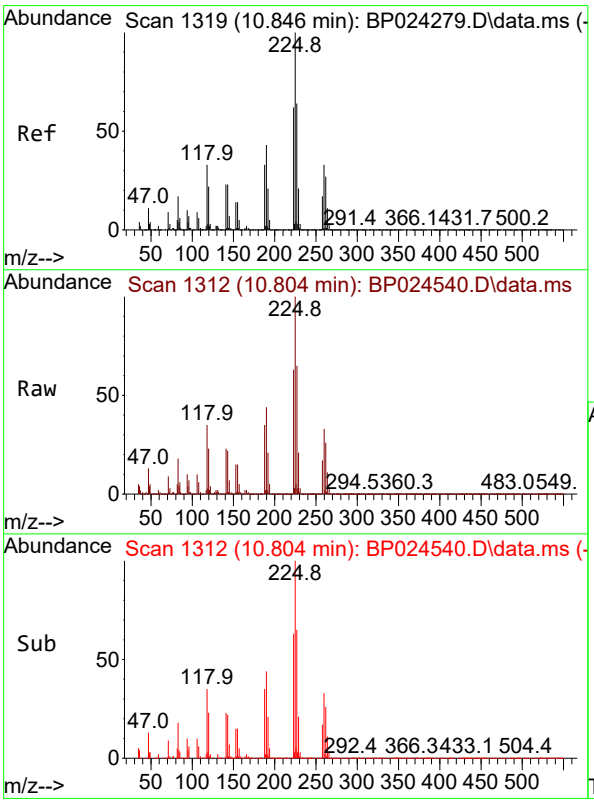
#33
4-Chloroaniline
Concen: 37.567 ng
RT: 10.646 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 440508

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	28.4	22.1	33.1
92	19.0	15.0	22.4

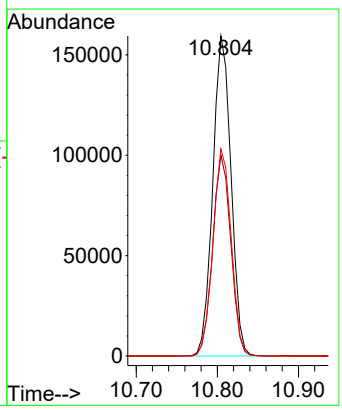


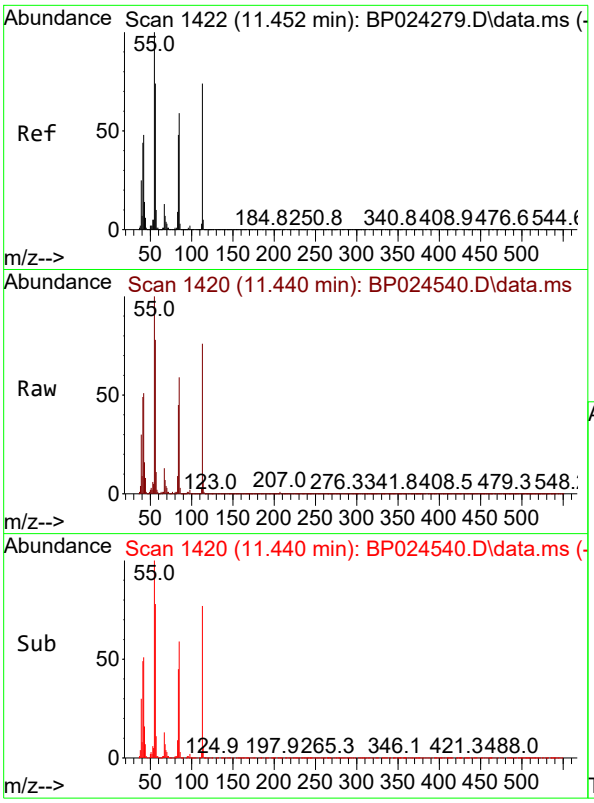


#34
Hexachlorobutadiene
Concen: 43.020 ng
RT: 10.804 min Scan# 1312
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:225 Resp: 248860

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.5	74.3
227	64.7	50.9	76.3



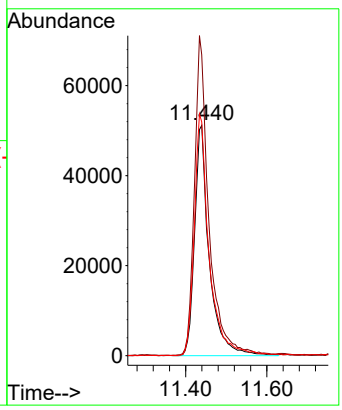


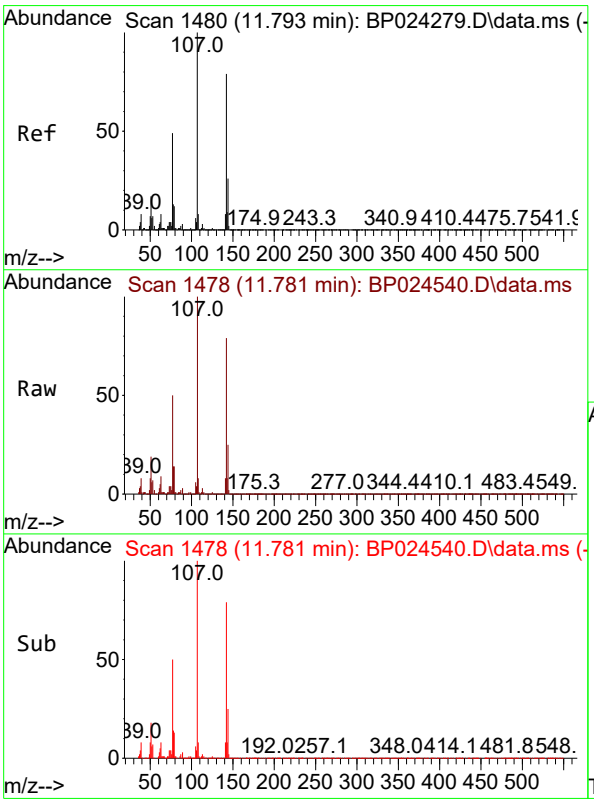
#35
Caprolactam
Concen: 37.754 ng
RT: 11.440 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 127992

Ion	Ratio	Lower	Upper
113	100		
55	130.7	115.9	155.9
56	101.5	81.1	121.1

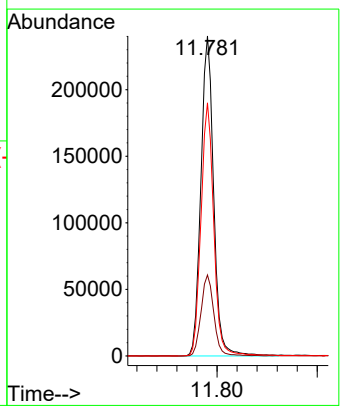


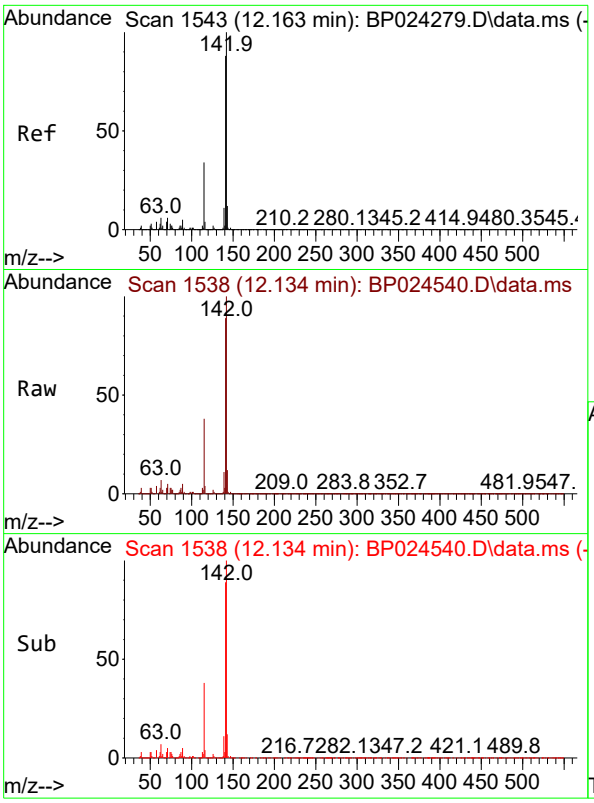


#36
4-Chloro-3-methylphenol
Concen: 39.670 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:107 Resp: 424537

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	79.1	63.4	95.2



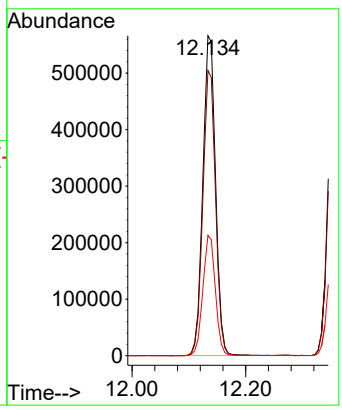


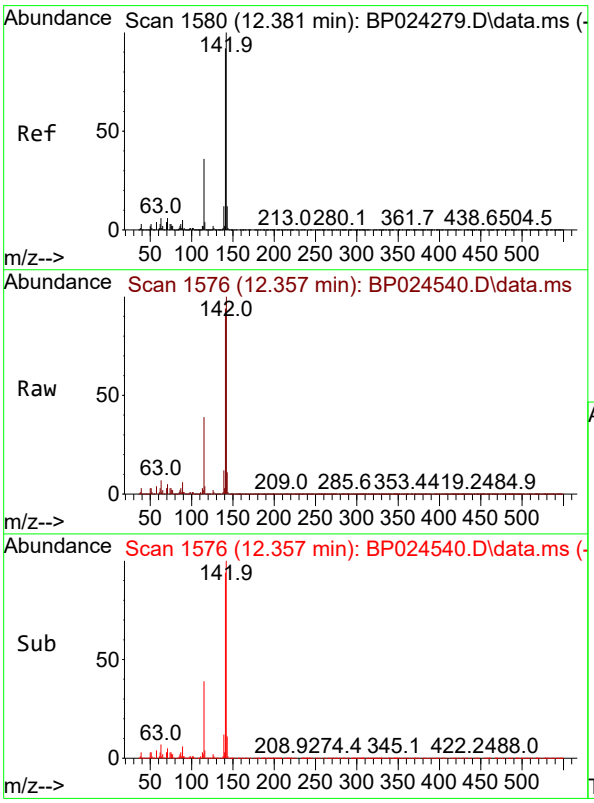
#37
2-Methylnaphthalene
Concen: 37.908 ng
RT: 12.134 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 875375

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.3	105.5
115	37.6	26.9	40.3

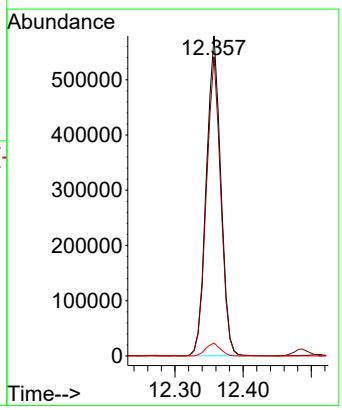


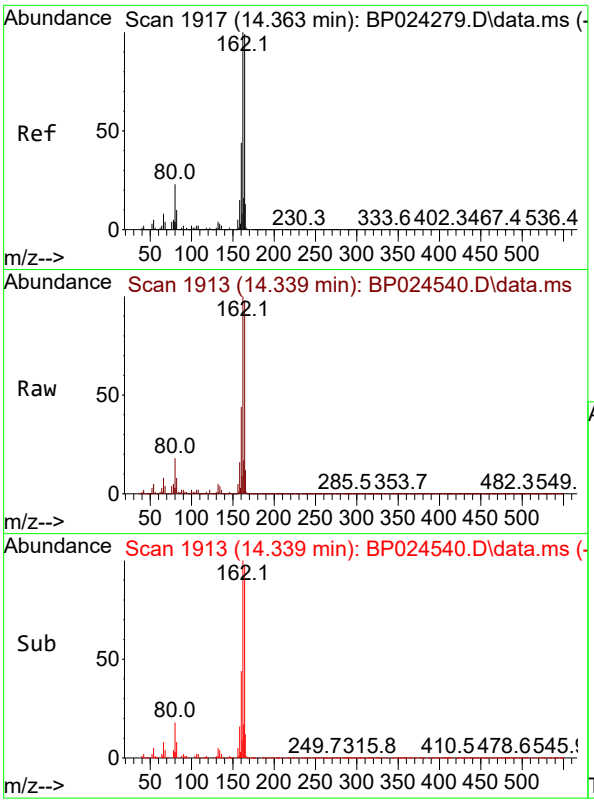


#38
1-Methylnaphthalene
Concen: 37.739 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:142 Resp: 852533

Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.6	110.4
116	4.1	3.0	4.6



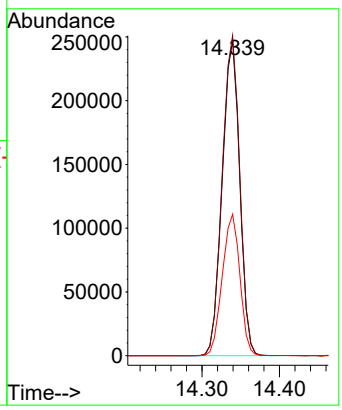


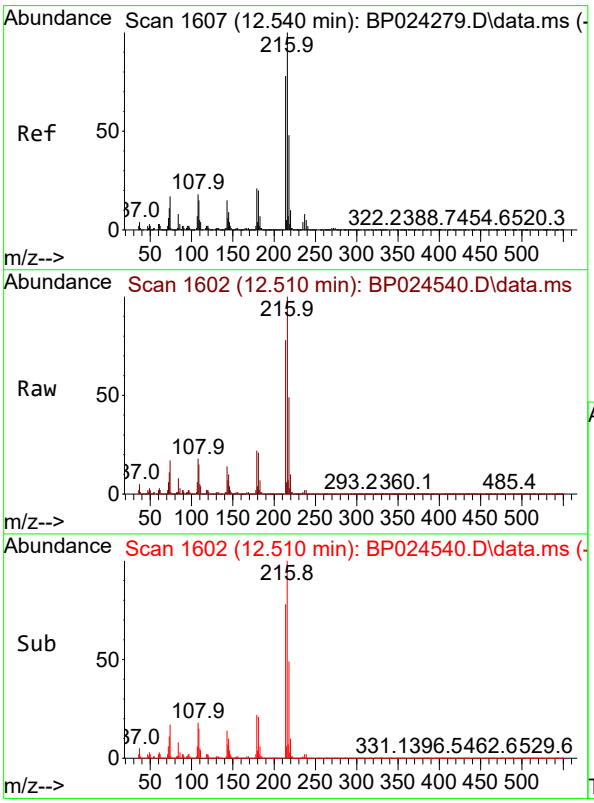
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 387042

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.0	35.3	52.9

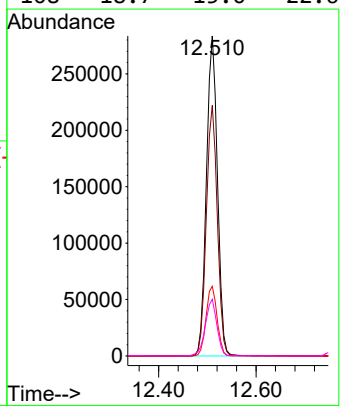


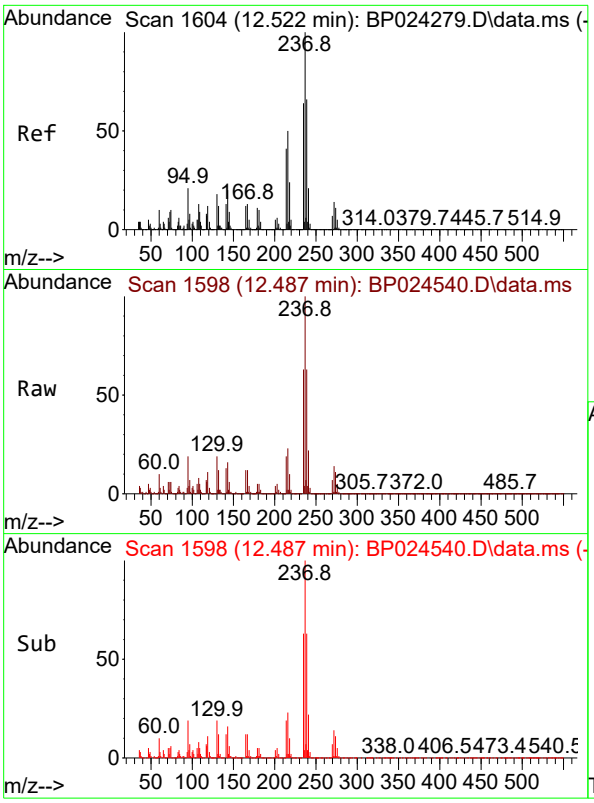


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.672 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:216 Resp: 443546

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	21.8	17.2	25.8
108	18.7	15.0	22.6



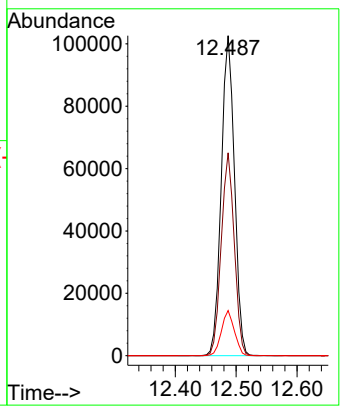


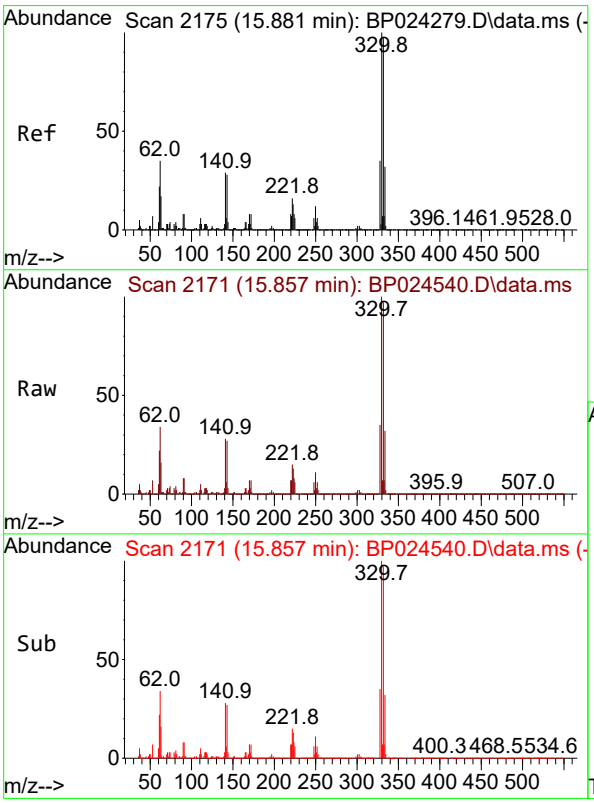
#41
Hexachlorocyclopentadiene
Concen: 41.024 ng
RT: 12.487 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 154429

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.9	83.9
272	14.1	0.0	33.6

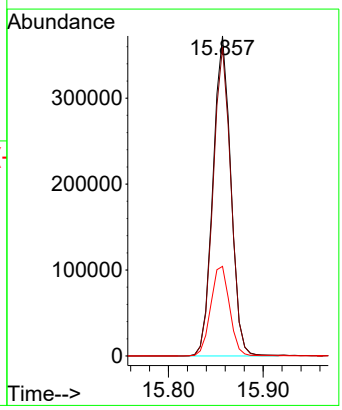


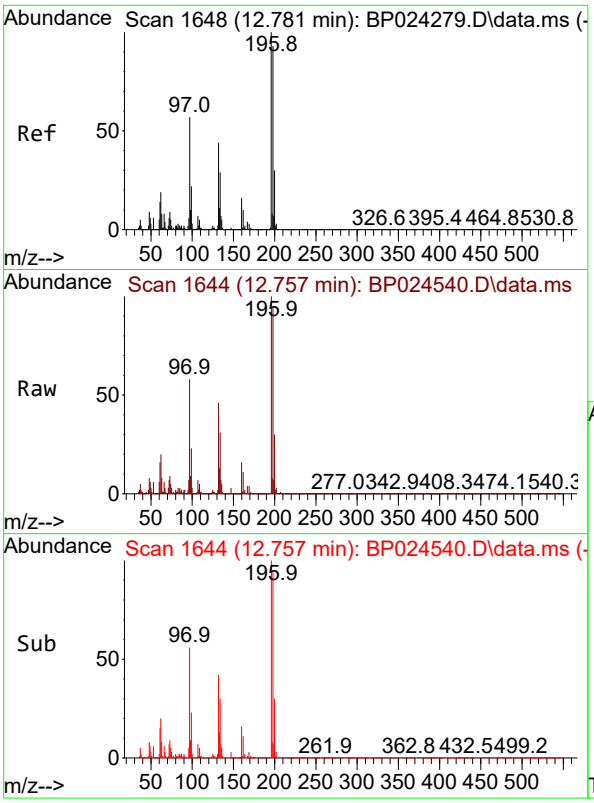


#42
2,4,6-Tribromophenol
Concen: 90.973 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:330 Resp: 487153

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.7	24.7	37.1



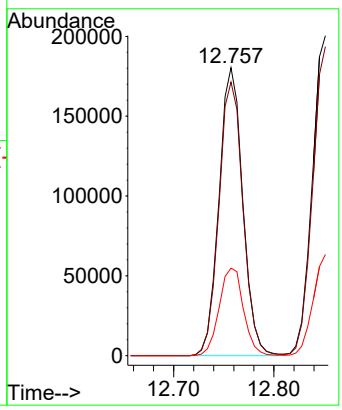


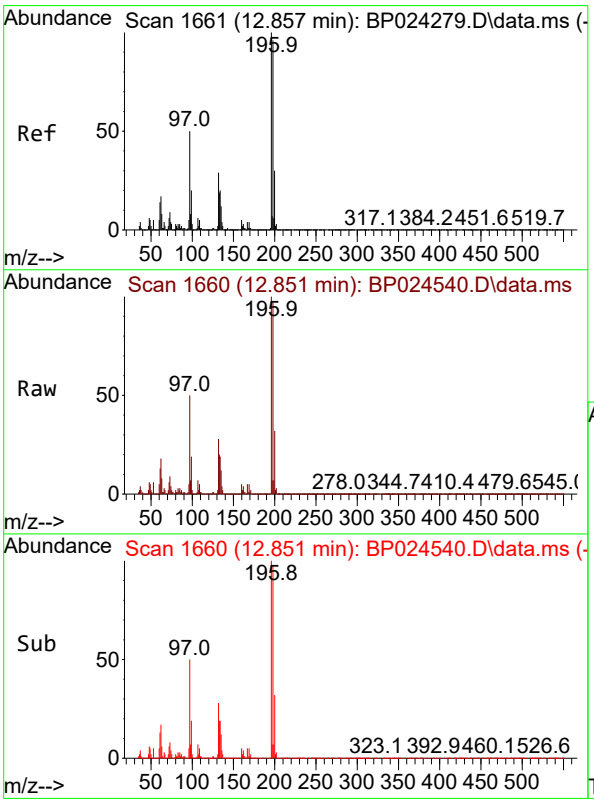
#43
2,4,6-Trichlorophenol
Concen: 41.862 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 296235

Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.3	111.5
200	30.4	24.0	36.0

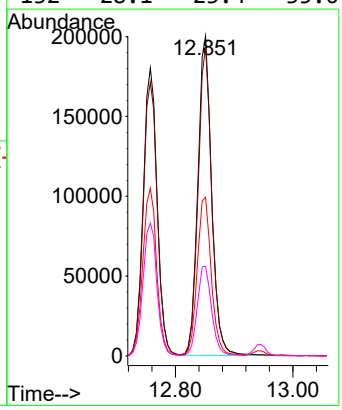


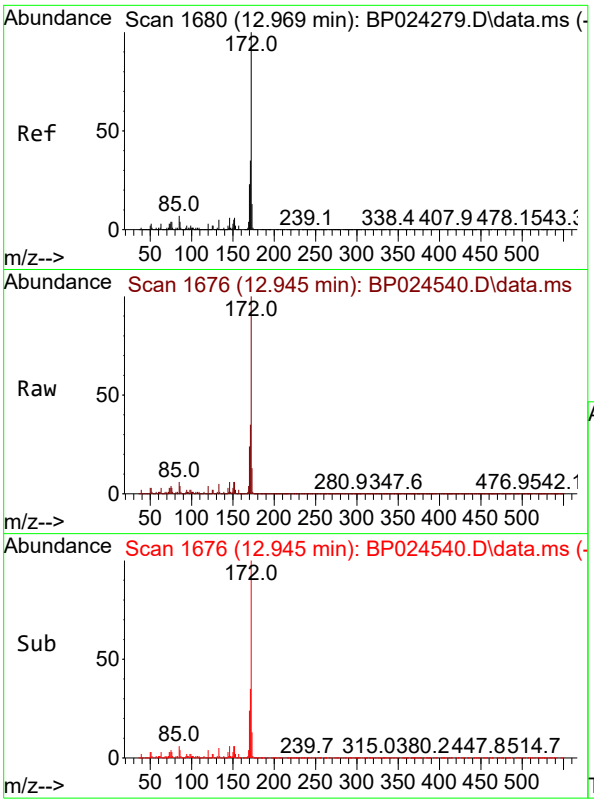


#44
2,4,5-Trichlorophenol
Concen: 41.735 ng
RT: 12.851 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:196 Resp: 327050

Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.3	115.9
97	49.6	40.4	60.6
132	28.1	23.4	35.0



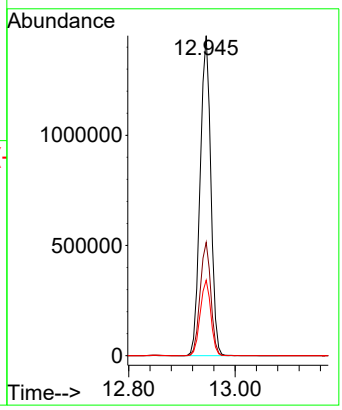


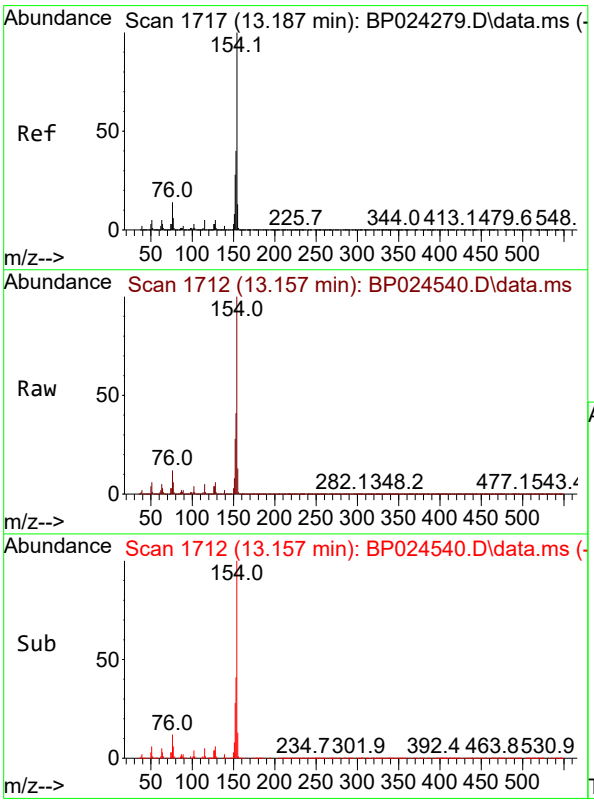
#45
2-Fluorobiphenyl
Concen: 79.554 ng
RT: 12.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2011006

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.6	18.6	27.8

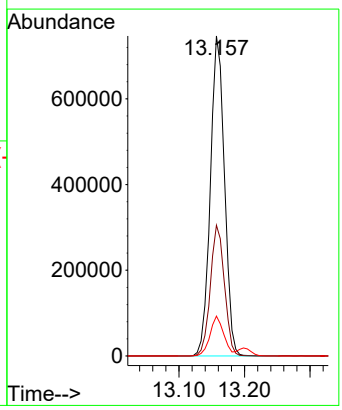


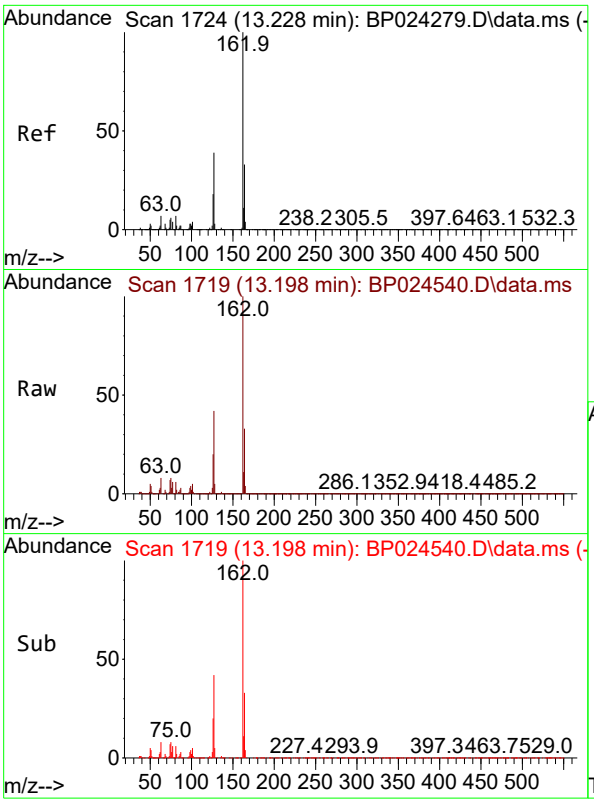


#46
1,1'-Biphenyl
Concen: 39.325 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:154 Resp: 1118780

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	12.5	0.0	33.5



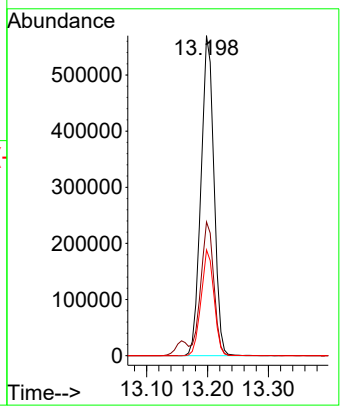


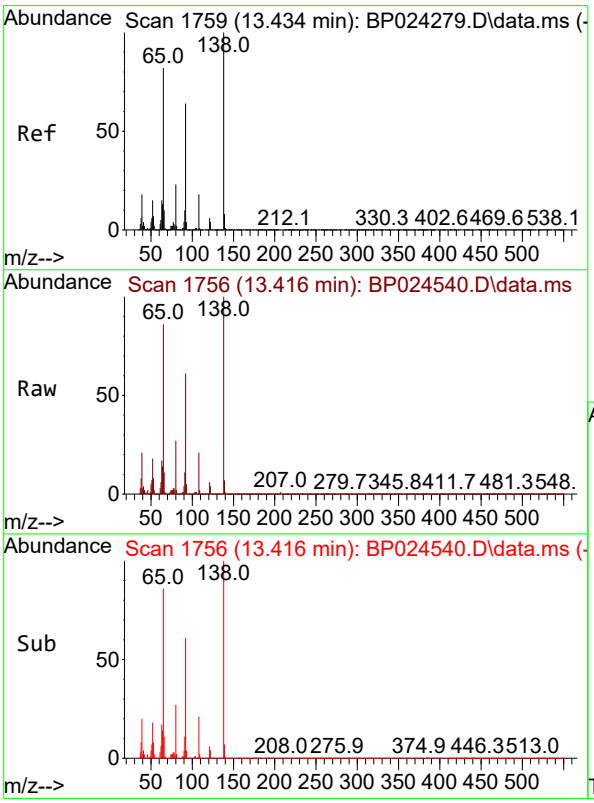
#47
2-Chloronaphthalene
Concen: 39.714 ng
RT: 13.198 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 844443

Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.9	47.9
164	33.1	26.2	39.4

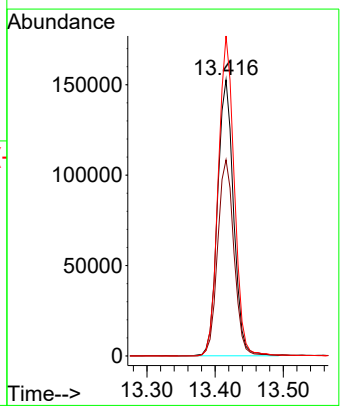


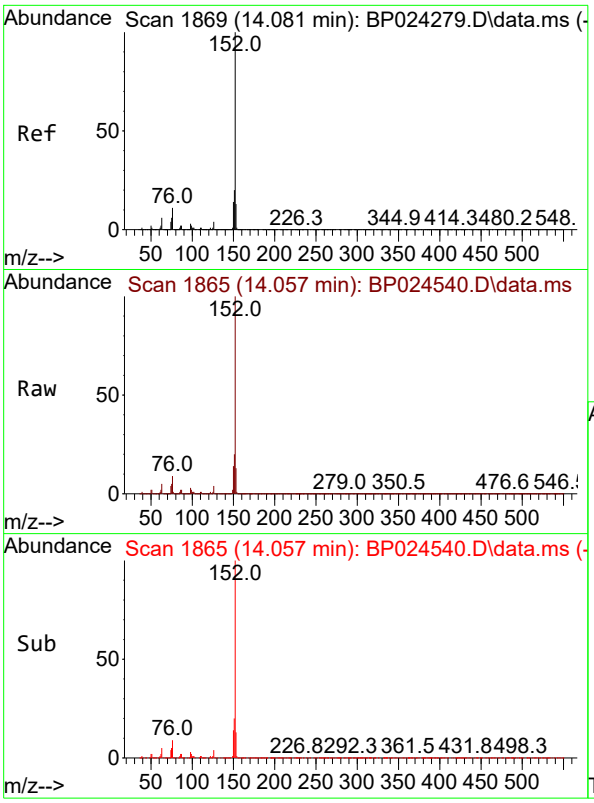


#48
2-Nitroaniline
Concen: 41.835 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion: 65 Resp: 249517

Ion	Ratio	Lower	Upper
65	100		
92	71.0	62.3	93.5
138	115.9	97.2	145.8



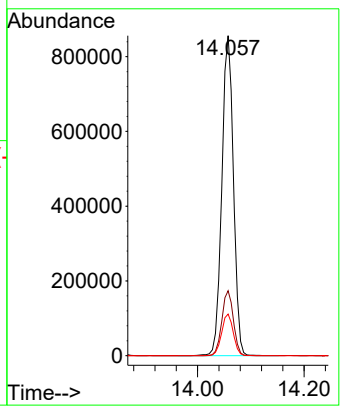


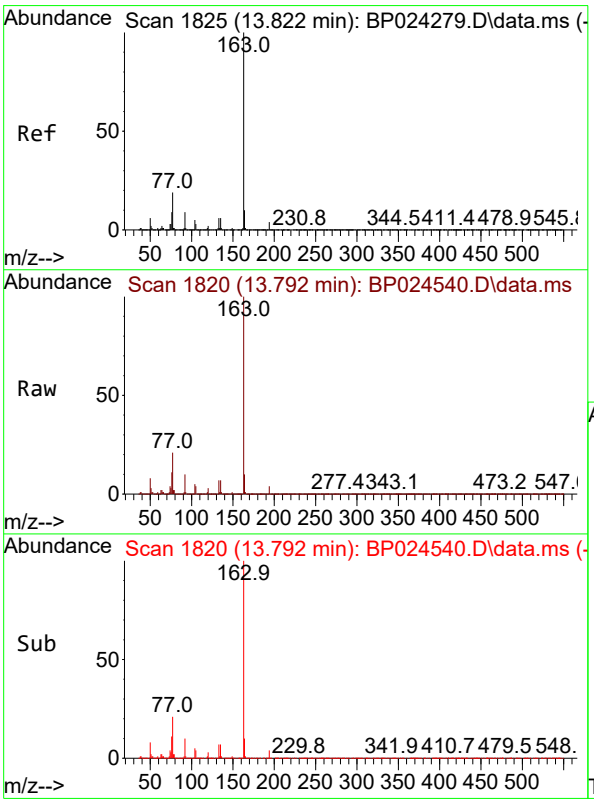
#49
Acenaphthylene
Concen: 38.563 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1290957

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.6	15.8

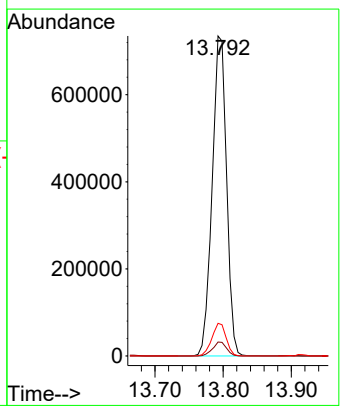


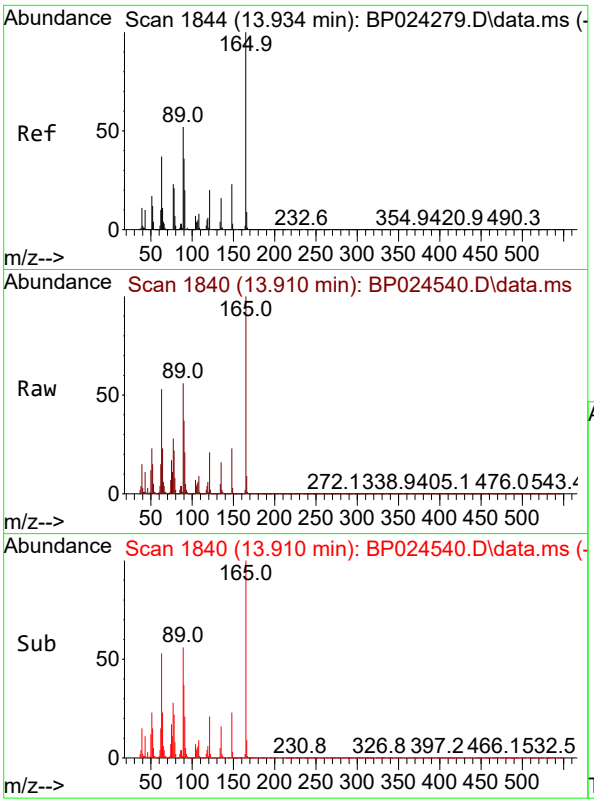


#50
Dimethylphthalate
Concen: 38.365 ng
RT: 13.792 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:163 Resp: 1079826

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.0	12.0



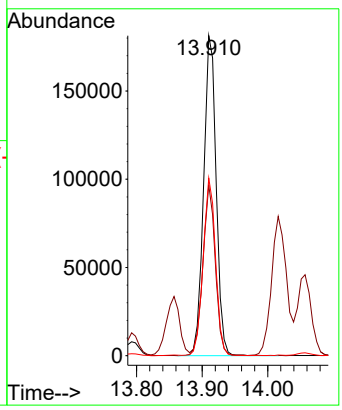


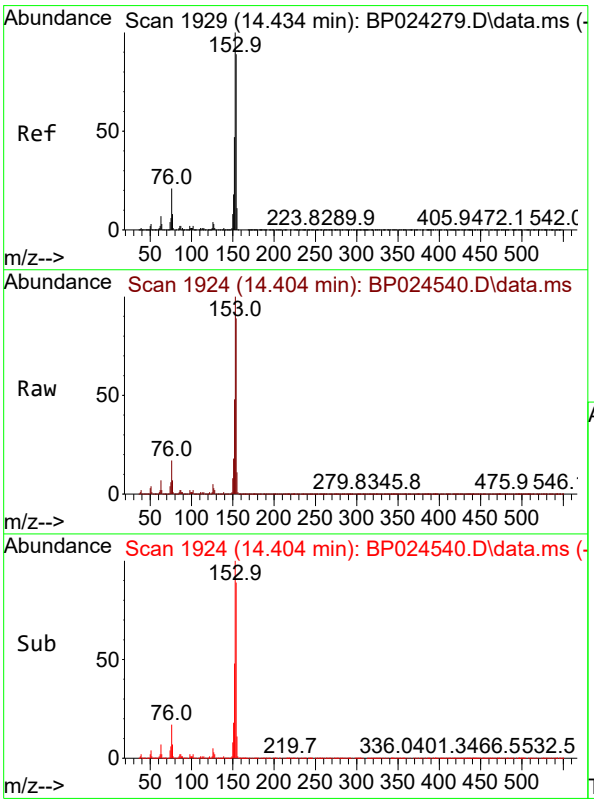
#51
2,6-Dinitrotoluene
Concen: 40.375 ng
RT: 13.910 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 241315

Ion	Ratio	Lower	Upper
165	100		
63	53.3	38.0	57.0
89	55.5	41.7	62.5

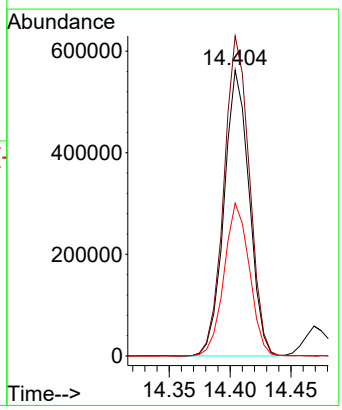


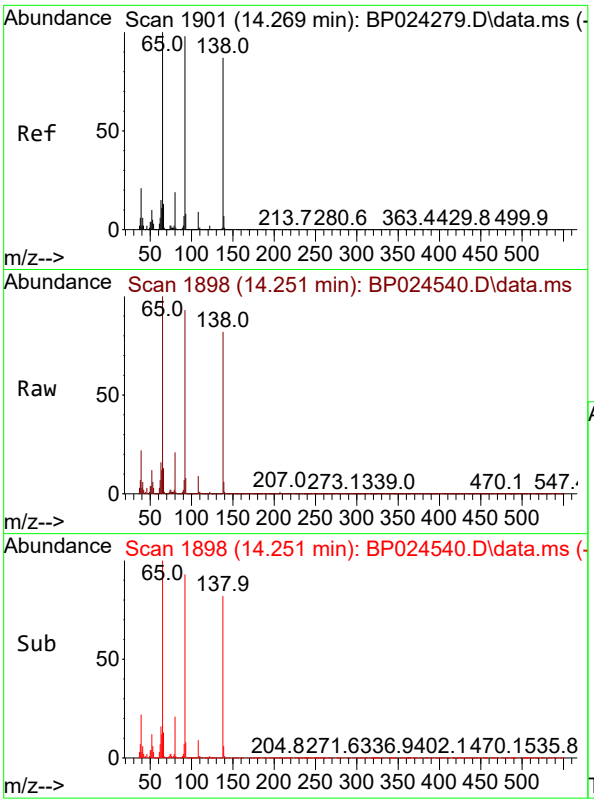


#52
Acenaphthene
Concen: 38.017 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:154 Resp: 806835

Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.8	134.6
152	53.4	42.6	63.8



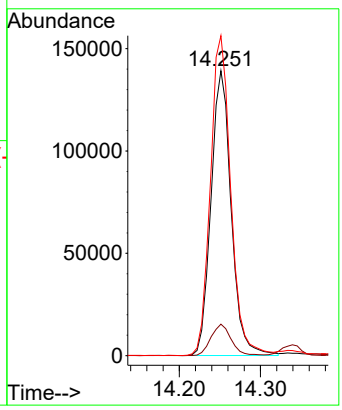


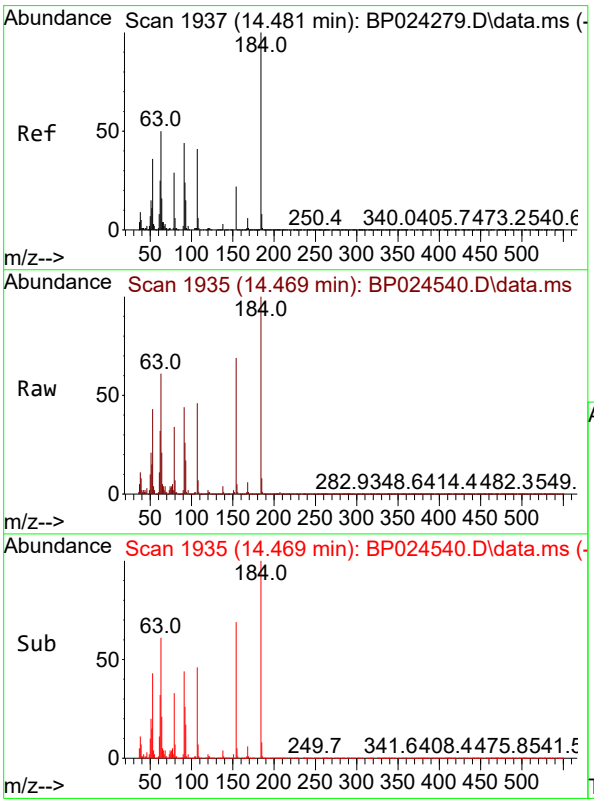
#53
3-Nitroaniline
Concen: 38.224 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 240113

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	112.3	89.8	134.8

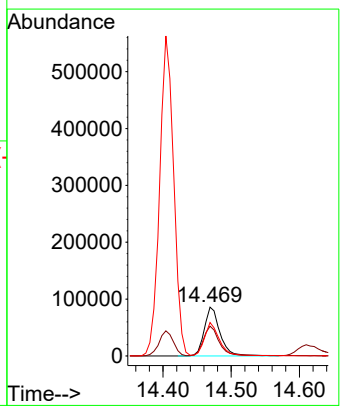


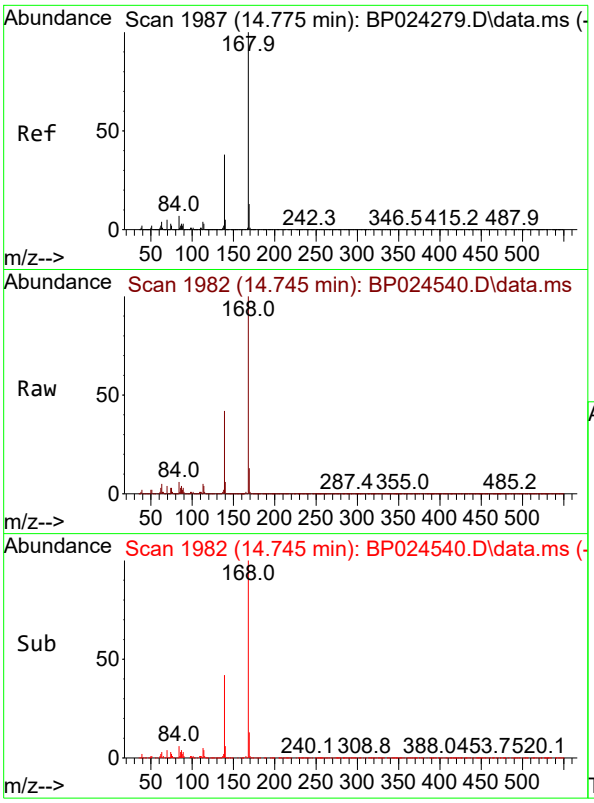


#54
2,4-Dinitrophenol
Concen: 39.091 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:184 Resp: 137626

Ion	Ratio	Lower	Upper
184	100		
63	60.9	42.6	64.0
154	68.7	47.2	70.8



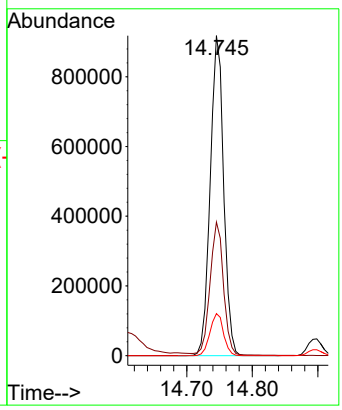


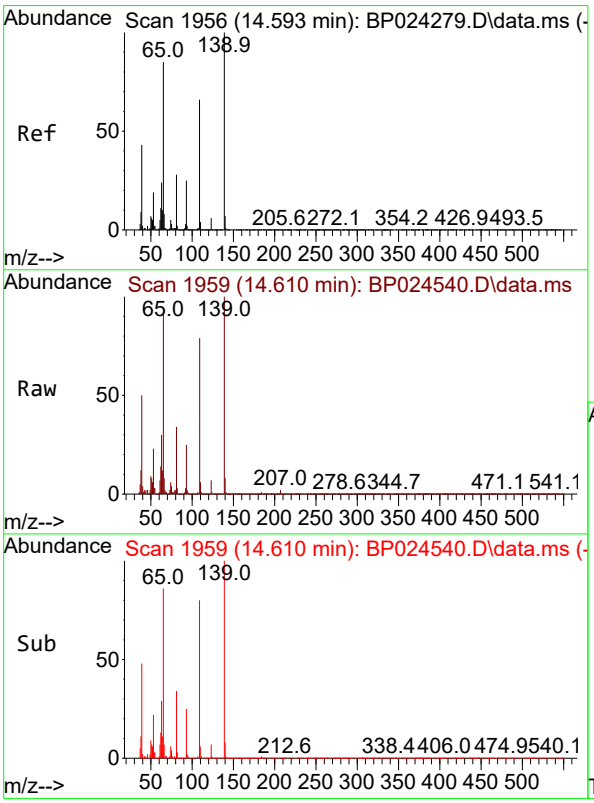
#55
Dibenzofuran
Concen: 37.642 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1305830

Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.3	45.5
169	13.2	10.6	16.0

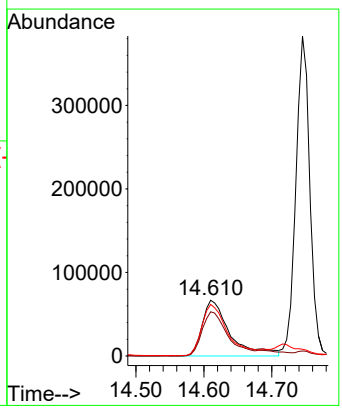


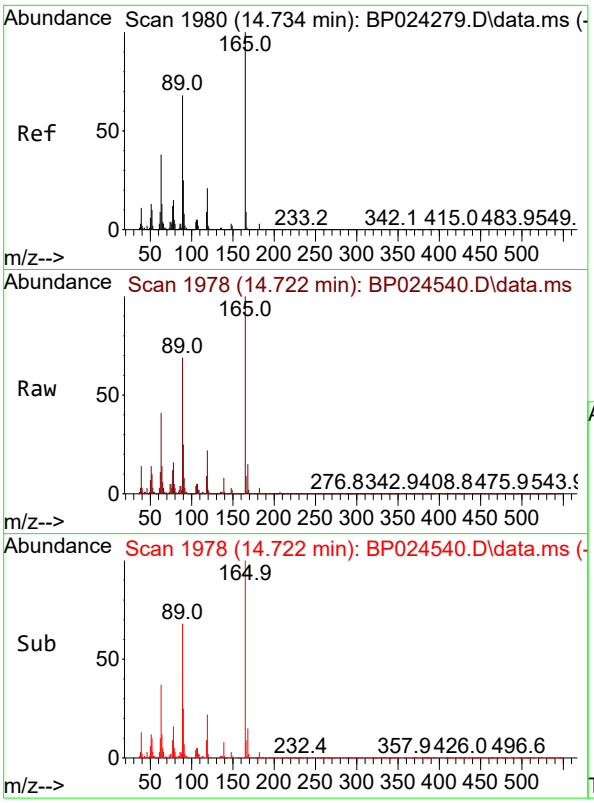


#56
4-Nitrophenol
Concen: 34.863 ng m
RT: 14.610 min Scan# 1959
Delta R.T. 0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:139 Resp: 189138

Ion	Ratio	Lower	Upper
139	100		
109	79.3	46.1	86.1
65	92.5	65.0	105.0



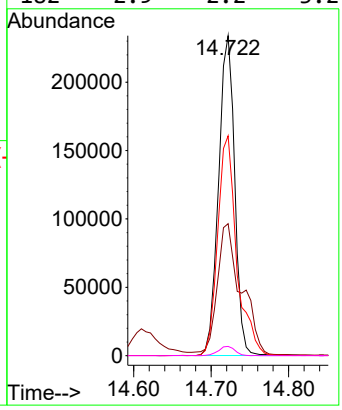


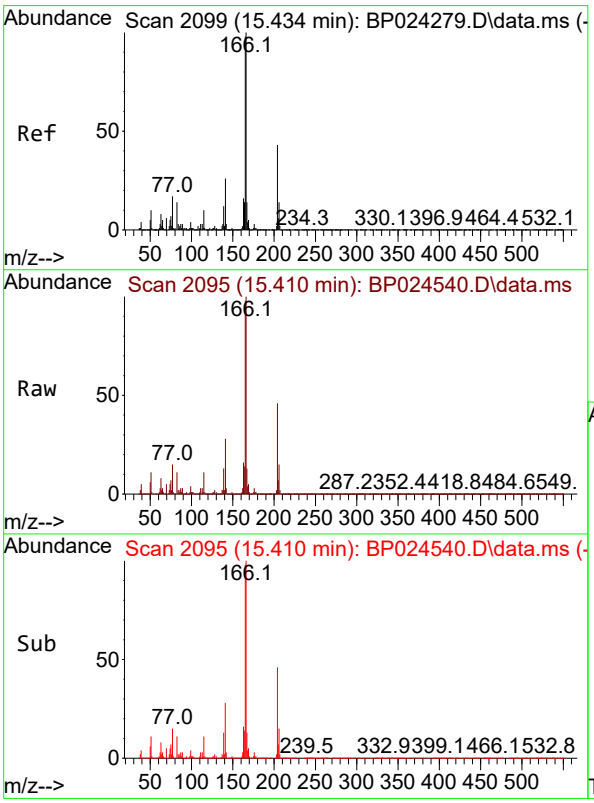
#57
2,4-Dinitrotoluene
Concen: 41.453 ng
RT: 14.722 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 337968

Ion	Ratio	Lower	Upper
165	100		
63	41.3	30.4	45.6
89	68.7	54.6	82.0
182	2.9	2.2	3.2

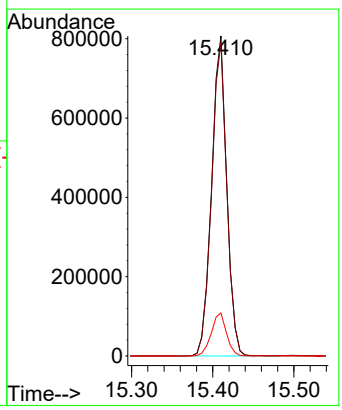


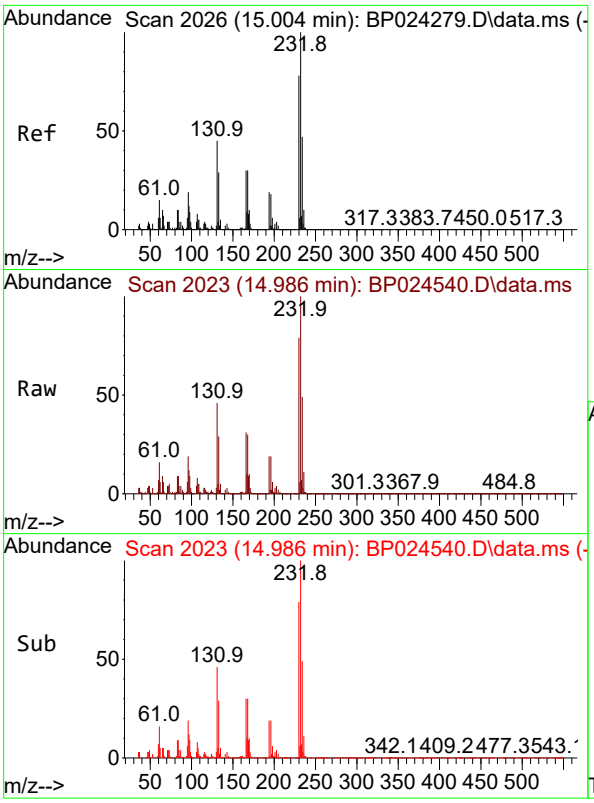


#58
Fluorene
Concen: 38.866 ng
RT: 15.410 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:166 Resp: 1043749

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.4	10.9	16.3



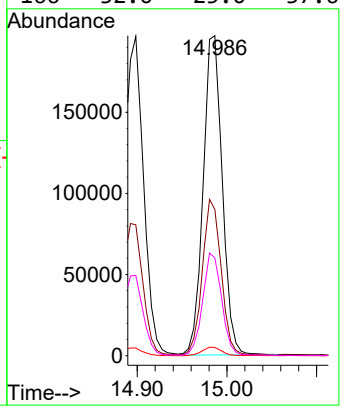


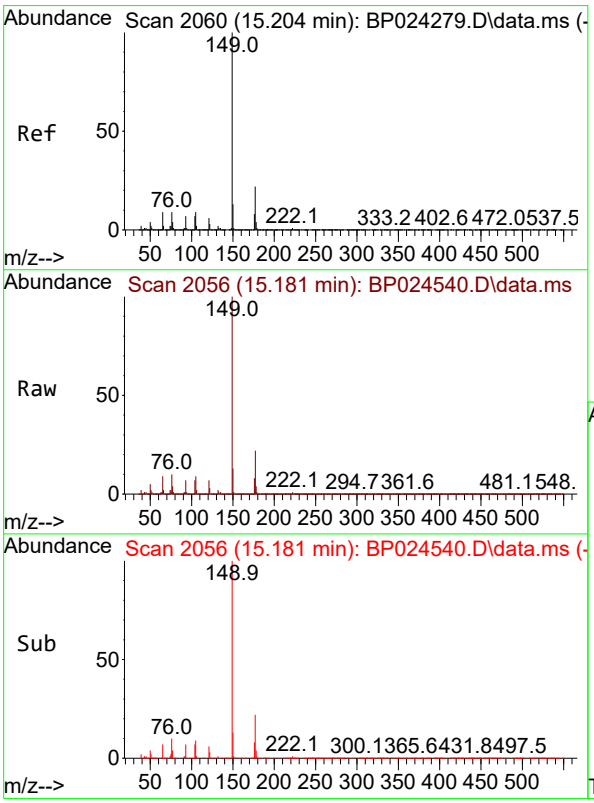
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.253 ng
RT: 14.986 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 290927

Ion	Ratio	Lower	Upper
232	100		
131	48.4	36.8	55.2
130	2.8	1.9	2.9
166	32.0	25.0	37.6

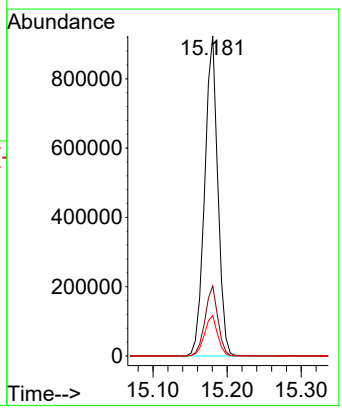


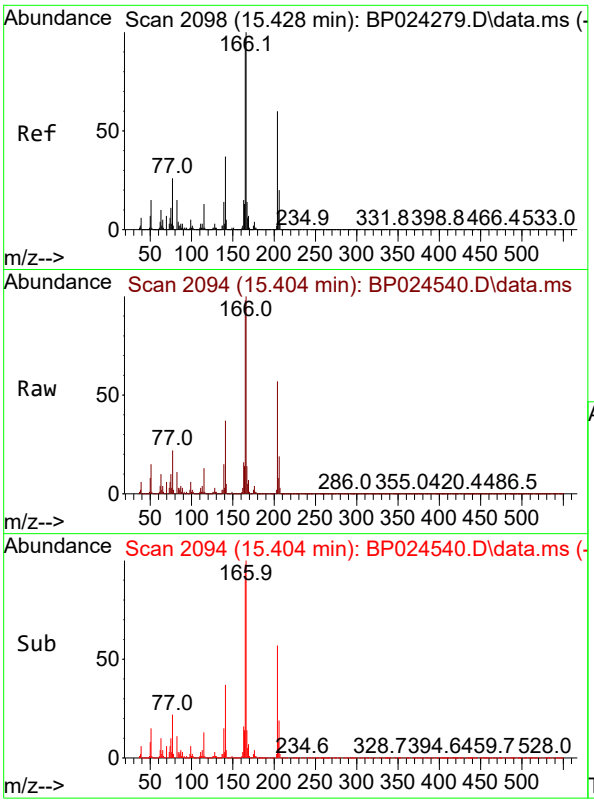


#60
Diethylphthalate
Concen: 39.149 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1135541

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.4	26.2
150	12.6	10.1	15.1



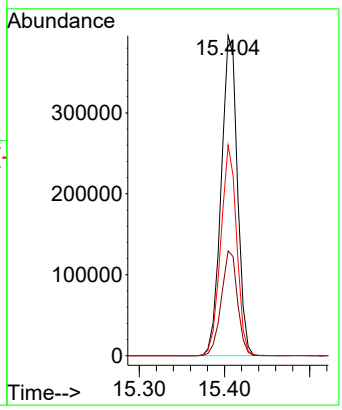


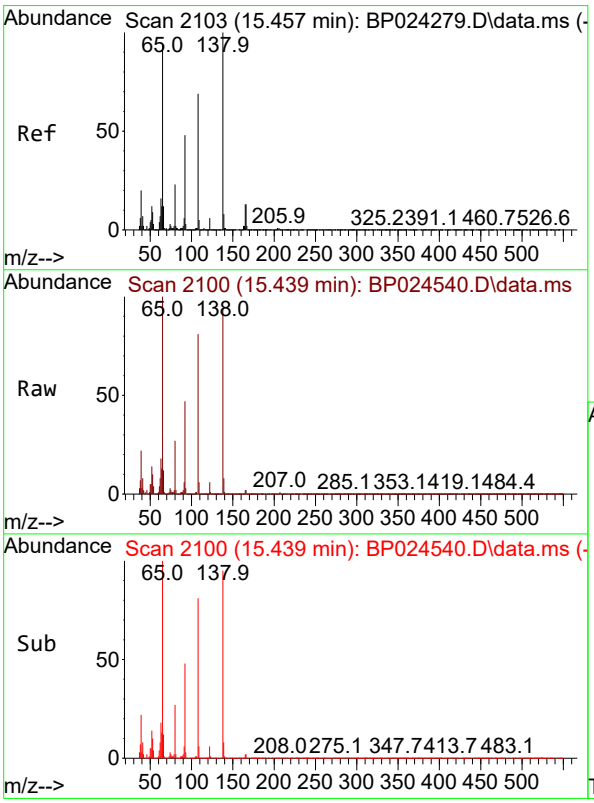
#61
4-Chlorophenyl-phenylether
Concen: 39.894 ng
RT: 15.404 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 520251

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	65.7	49.4	74.0

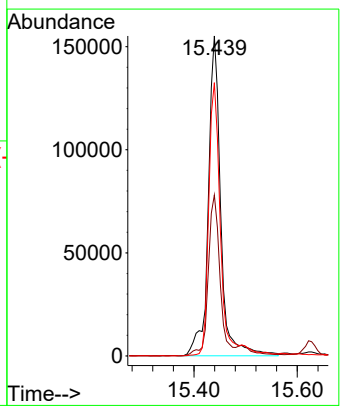


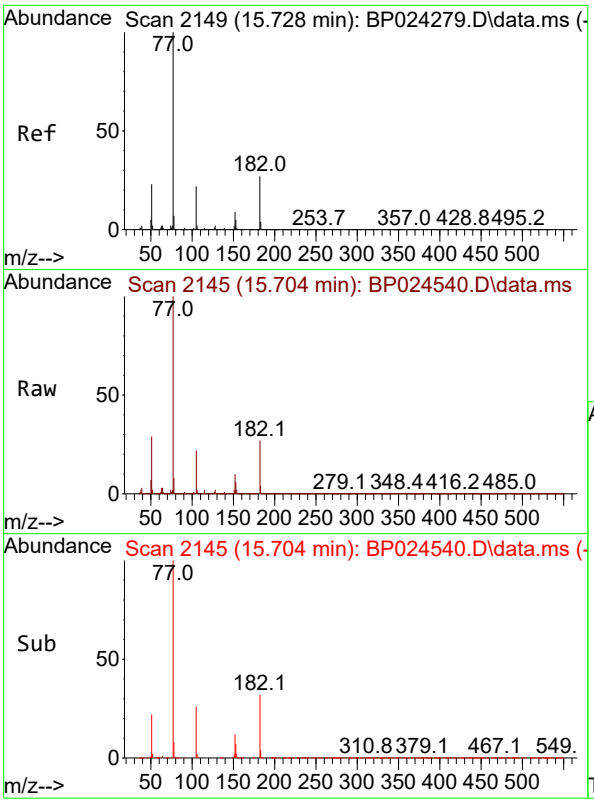


#62
4-Nitroaniline
Concen: 39.125 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:138 Resp: 260176

Ion	Ratio	Lower	Upper
138	100		
92	50.3	27.8	67.8
108	85.4	48.9	88.9



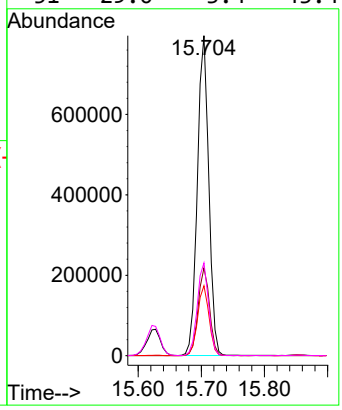


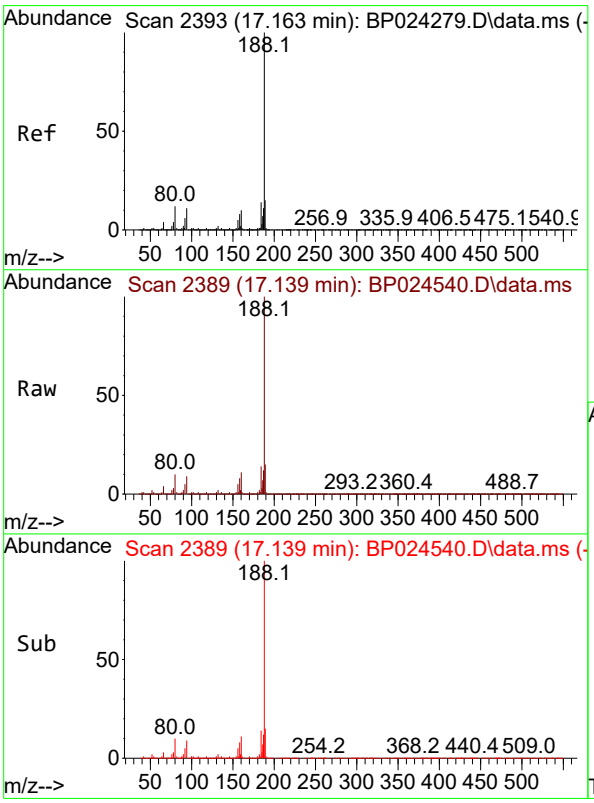
#63
Azobenzene
Concen: 37.300 ng
RT: 15.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 994386

Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	21.9	2.3	42.3
51	29.0	3.4	43.4

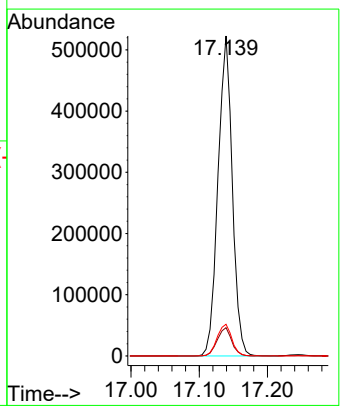


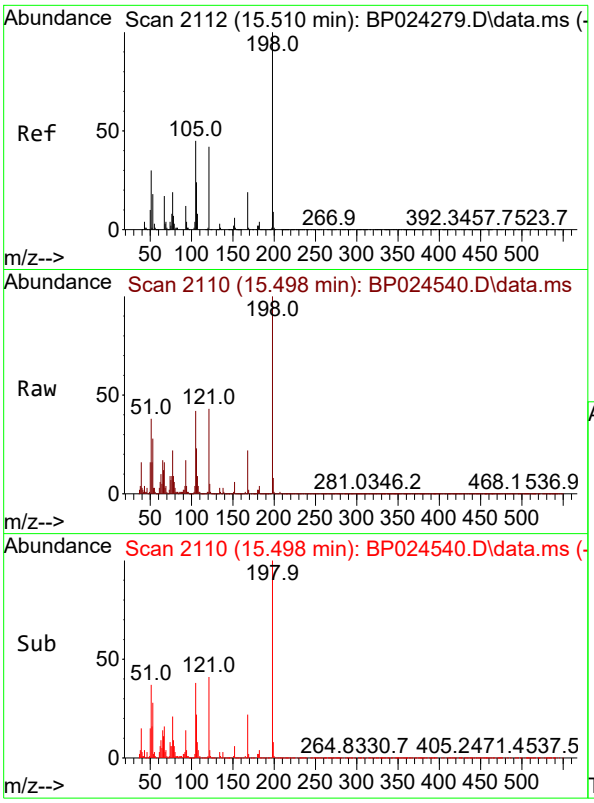


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:188 Resp: 762899

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.6	13.0
80	9.9	9.8	14.6



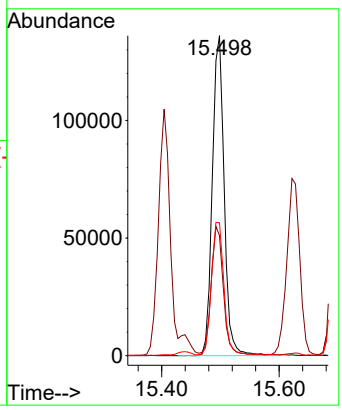


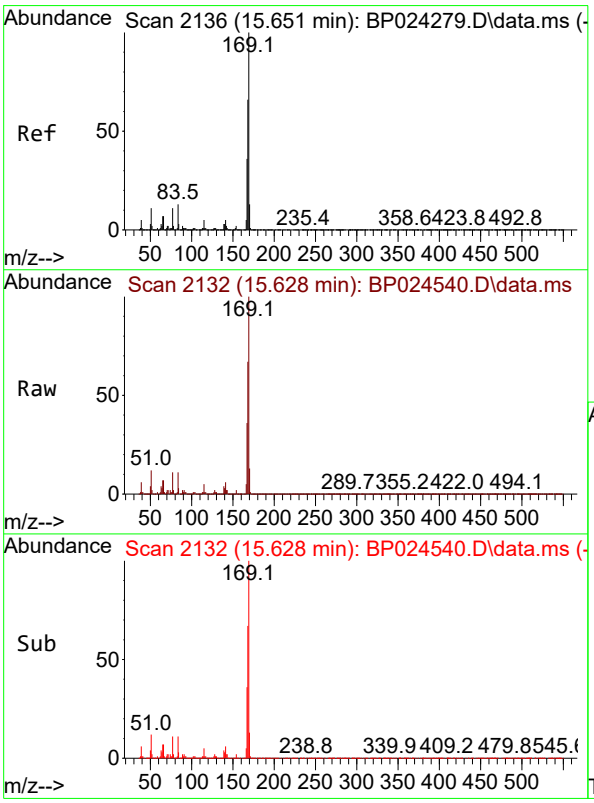
#65
4,6-Dinitro-2-methylphenol
Concen: 39.598 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 190456

Ion	Ratio	Lower	Upper
198	100		
51	37.5	18.4	58.4
105	41.6	26.5	66.5

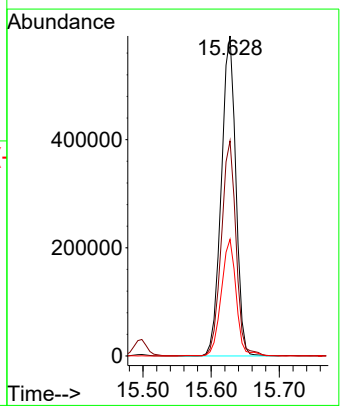


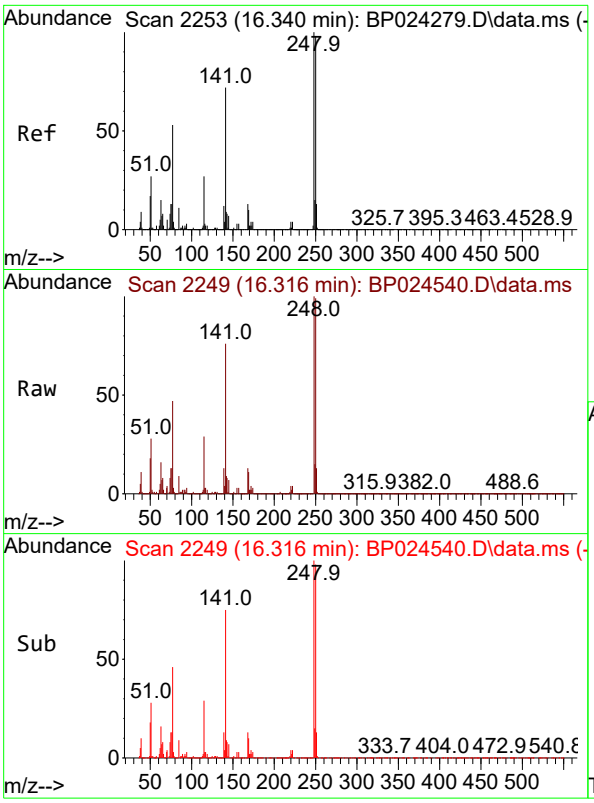


#66
n-Nitrosodiphenylamine
Concen: 38.554 ng
RT: 15.628 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:169 Resp: 877896

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	36.4	28.9	43.3



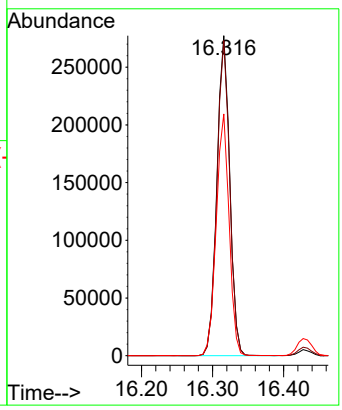


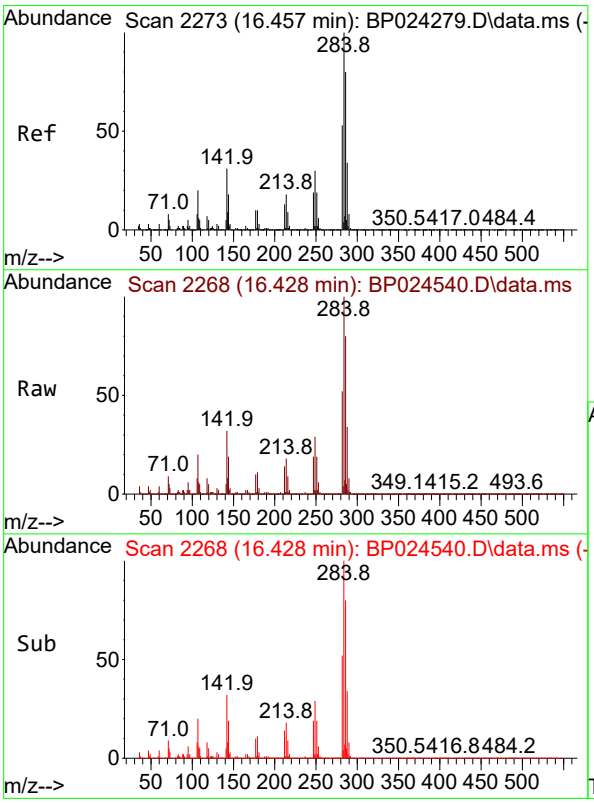
#67
4-Bromophenyl-phenylether
Concen: 41.659 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 347590

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.2	117.4
141	75.5	57.7	86.5

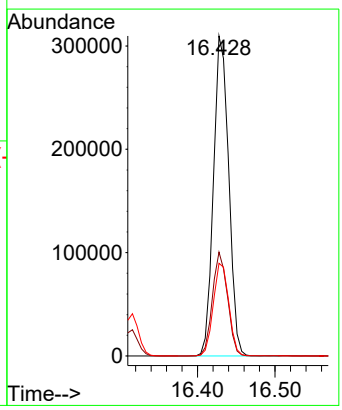


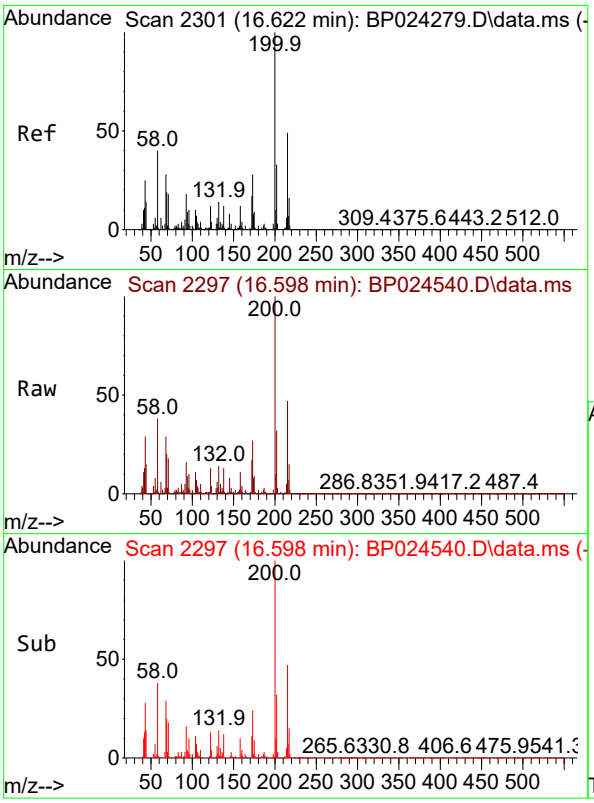


#68
Hexachlorobenzene
Concen: 42.643 ng
RT: 16.428 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:284 Resp: 422786

Ion	Ratio	Lower	Upper
284	100		
142	32.4	24.6	37.0
249	28.9	23.8	35.6



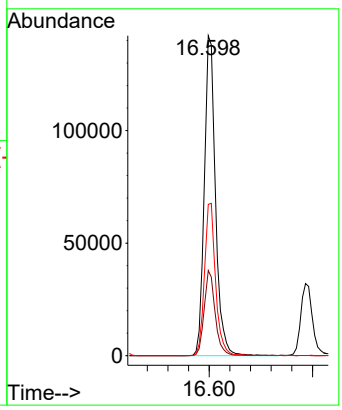


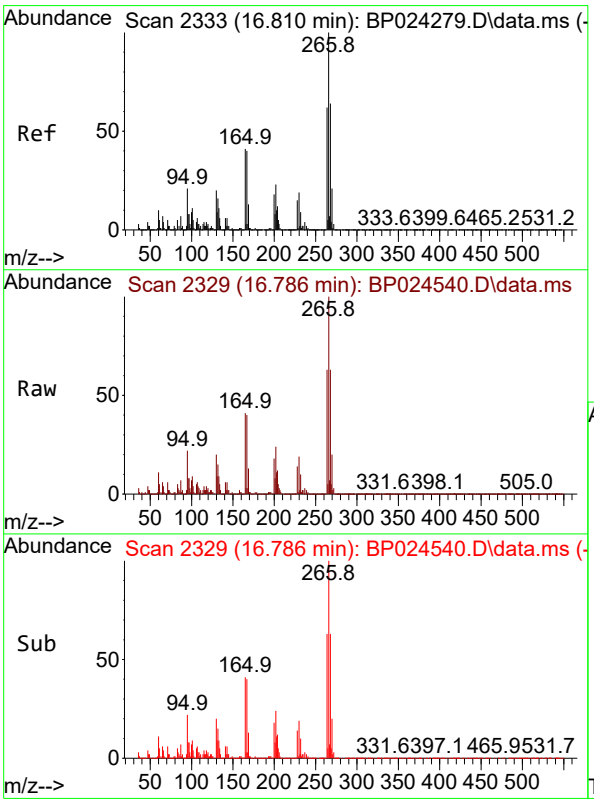
#69
Atrazine
Concen: 36.800 ng
RT: 16.598 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 213423

Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.5	47.5
215	47.3	28.8	68.8

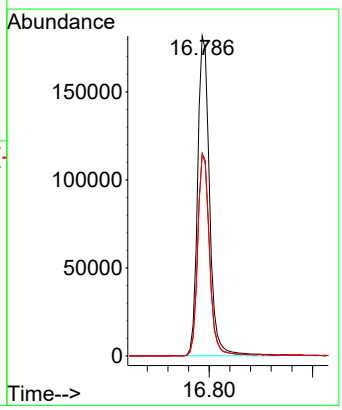


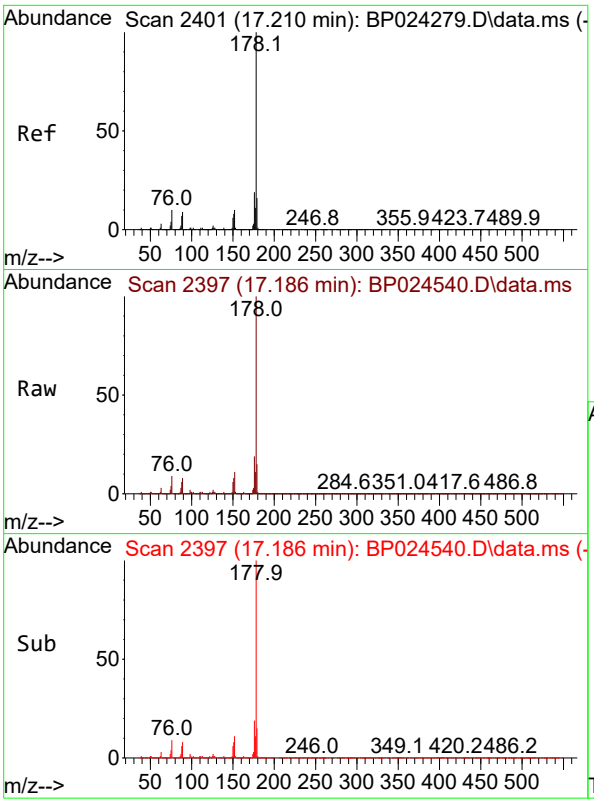


#70
Pentachlorophenol
Concen: 42.038 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:266 Resp: 290763

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.0	76.6
264	63.1	49.8	74.6



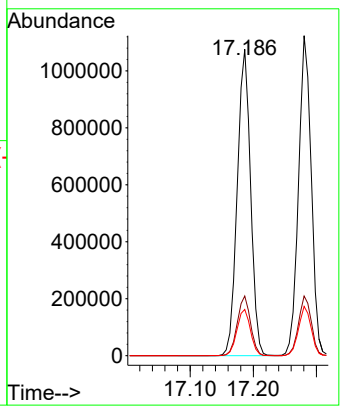


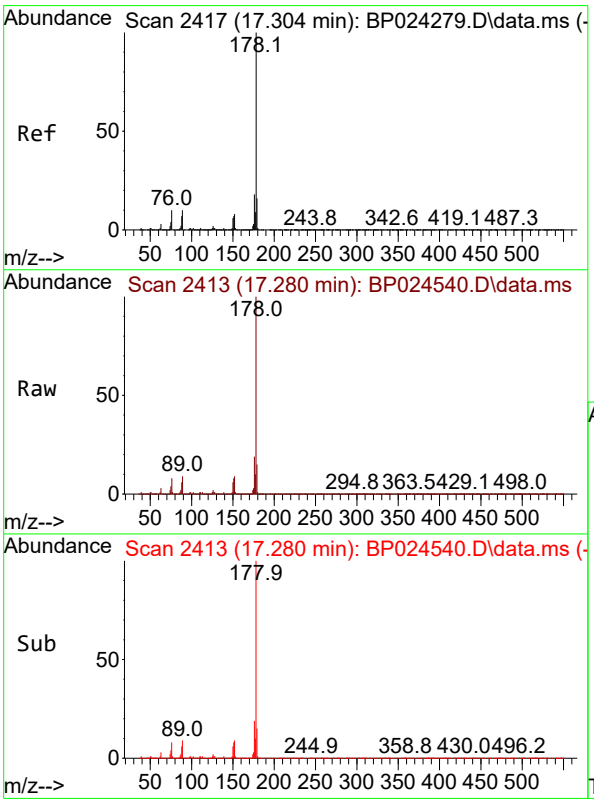
#71
Phenanthrene
Concen: 37.968 ng
RT: 17.186 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1580153

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.1	12.5	18.7

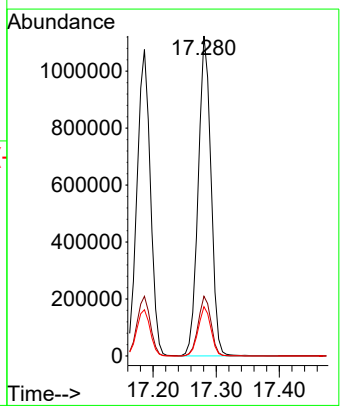


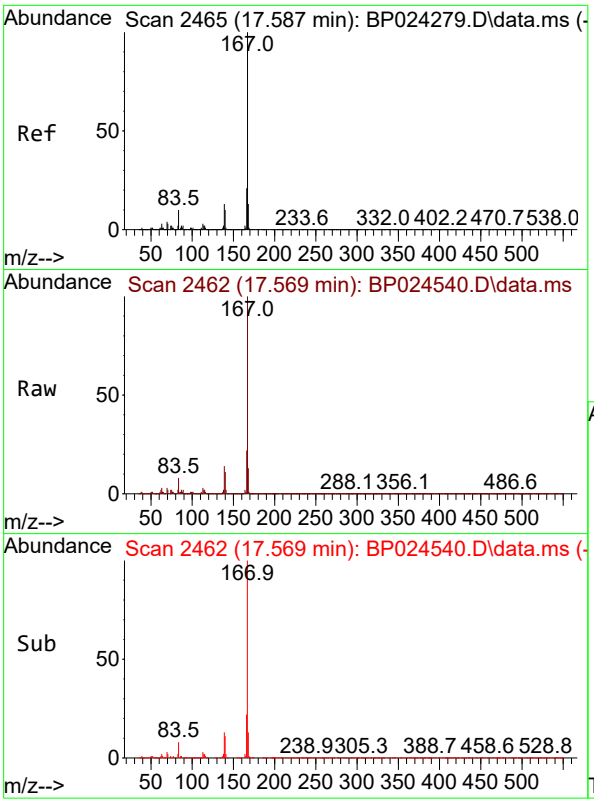


#72
Anthracene
Concen: 39.248 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:178 Resp: 1574277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.4	12.4	18.6



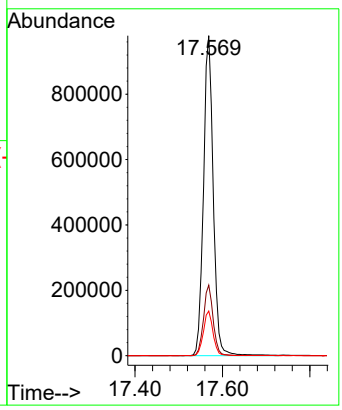


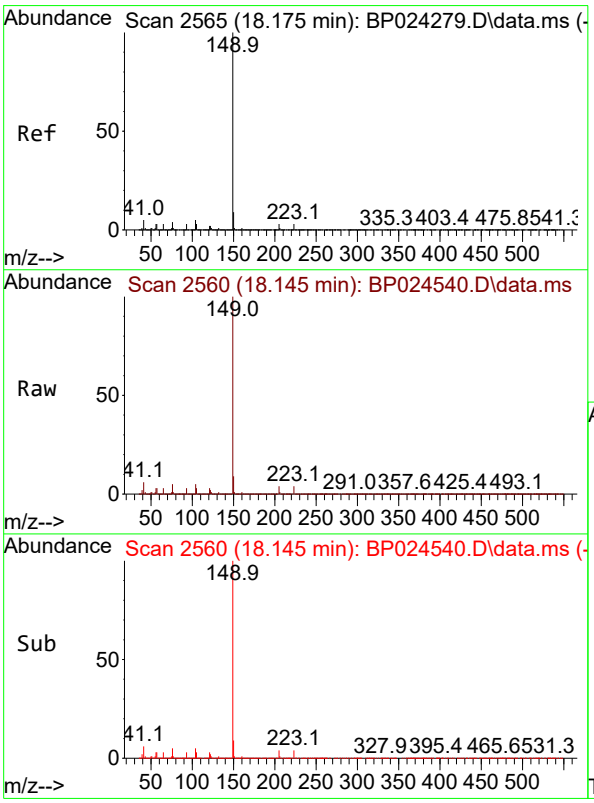
#73
Carbazole
Concen: 38.820 ng
RT: 17.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1521439

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.1	25.7
139	14.0	10.6	16.0

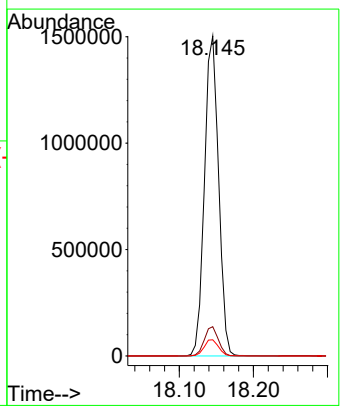


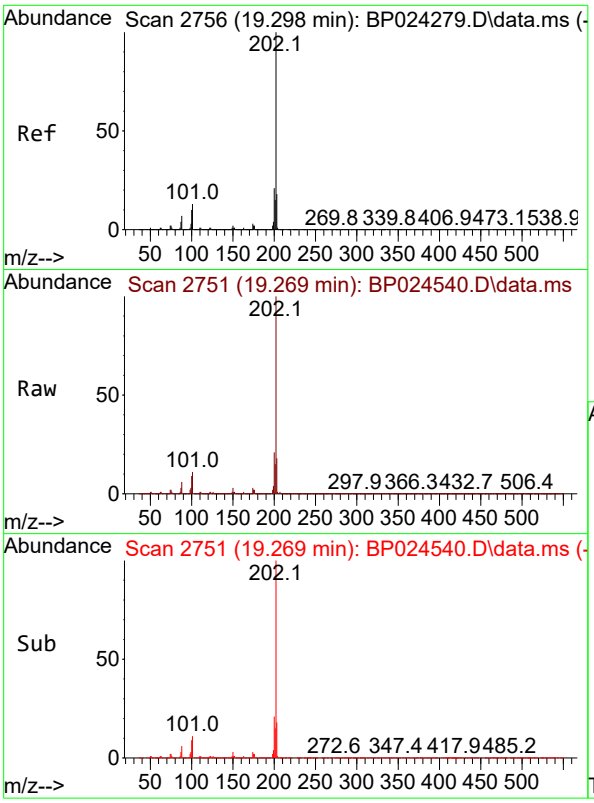


#74
Di-n-butylphthalate
Concen: 40.715 ng
RT: 18.145 min Scan# 2560
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1988010

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.0	3.9	5.9



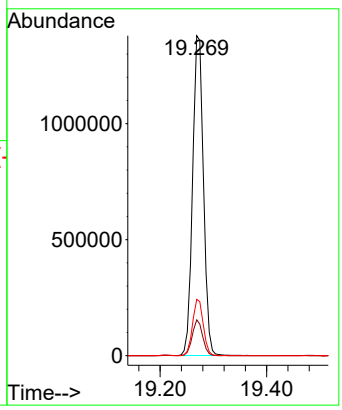


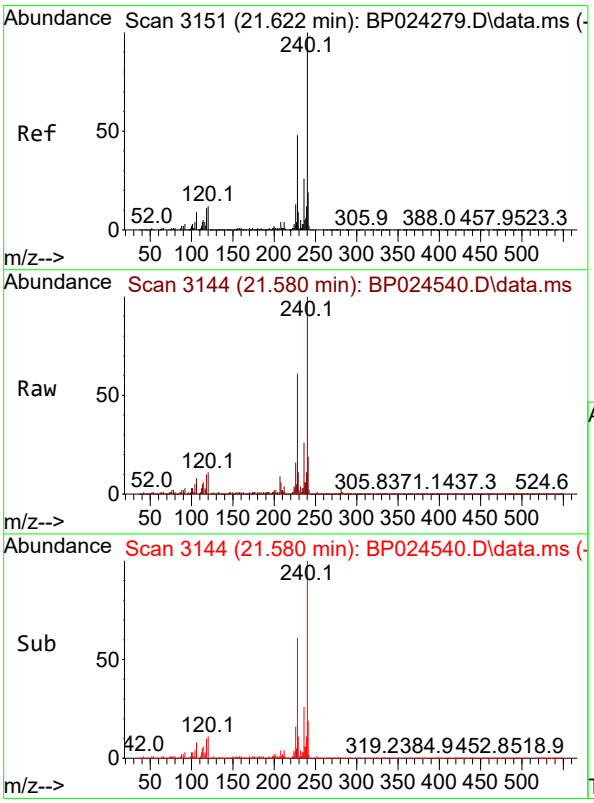
#75
Fluoranthene
Concen: 39.506 ng
RT: 19.269 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1955487

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.2
203	17.6	0.0	37.7

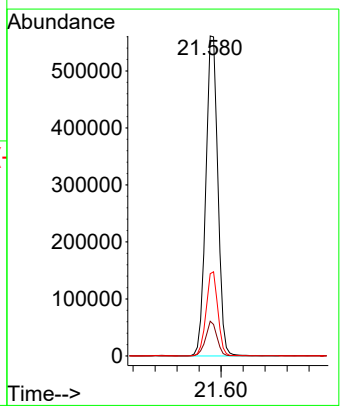


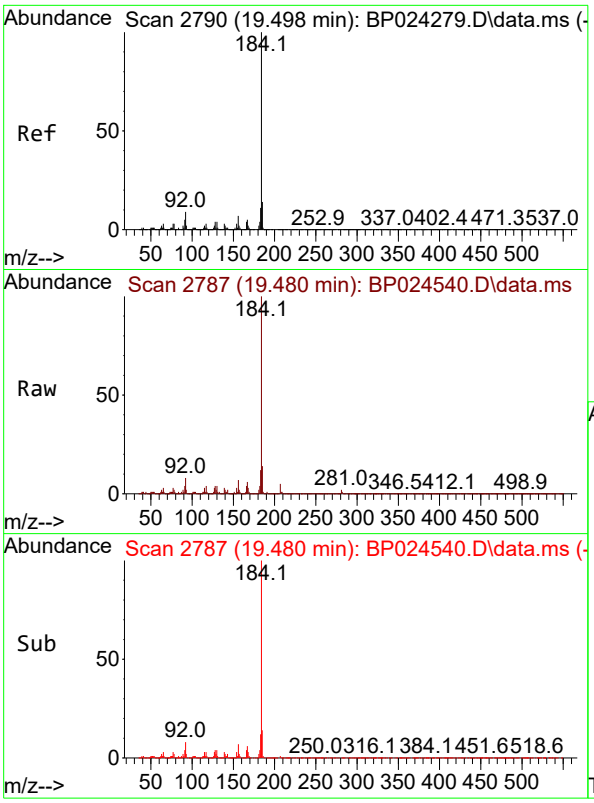


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:240 Resp: 851557

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.8	14.8
236	25.7	20.9	31.3



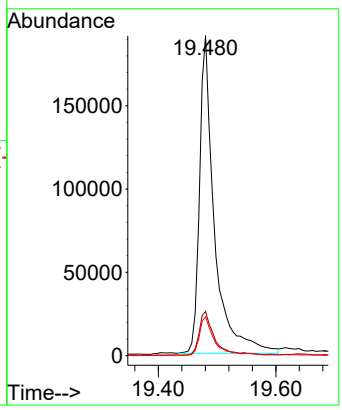


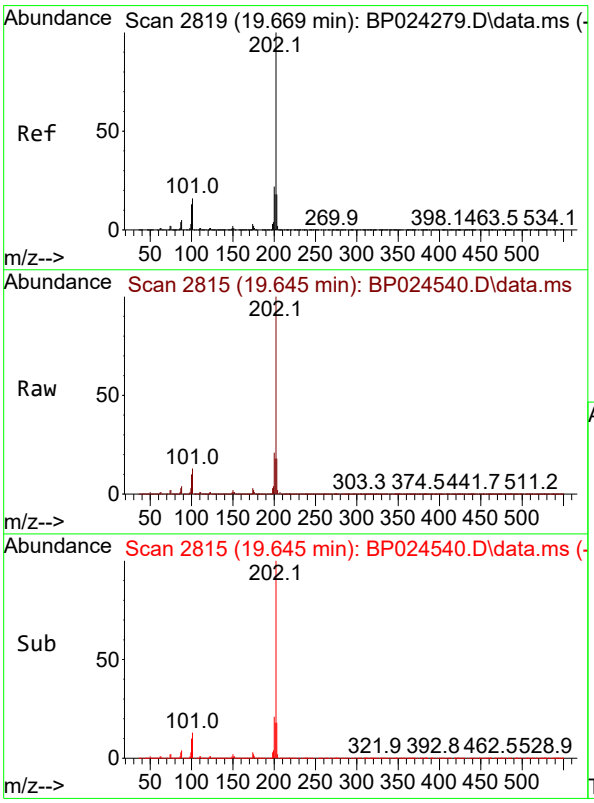
#77
Benzidine
Concen: 31.123 ng
RT: 19.480 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 335953

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	12.1	9.2	13.8

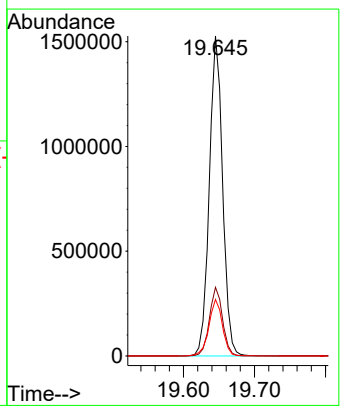


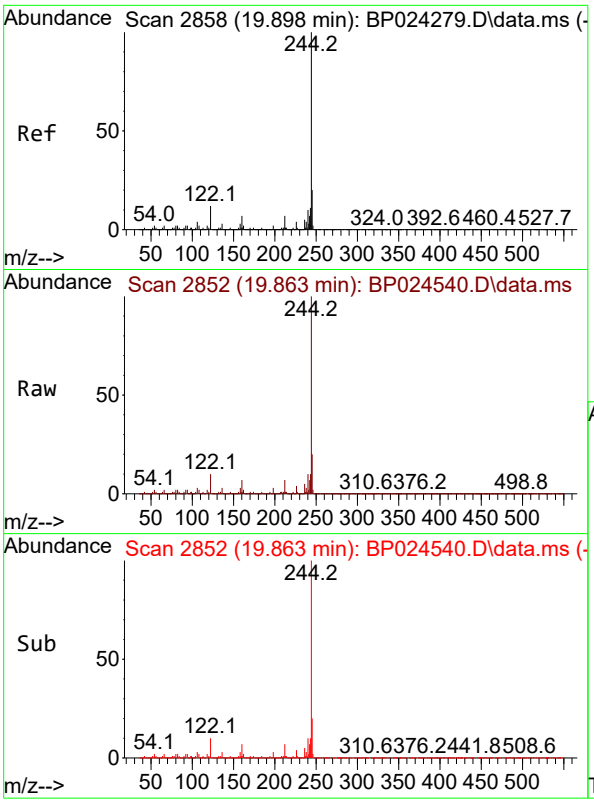


#78
Pyrene
Concen: 36.725 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:202 Resp: 1987447

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.7	14.4	21.6



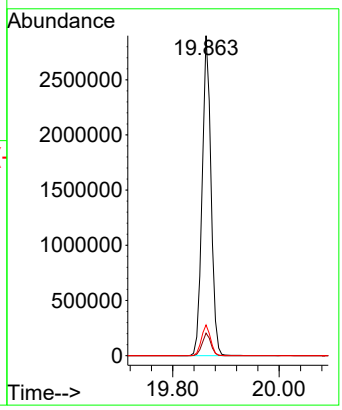


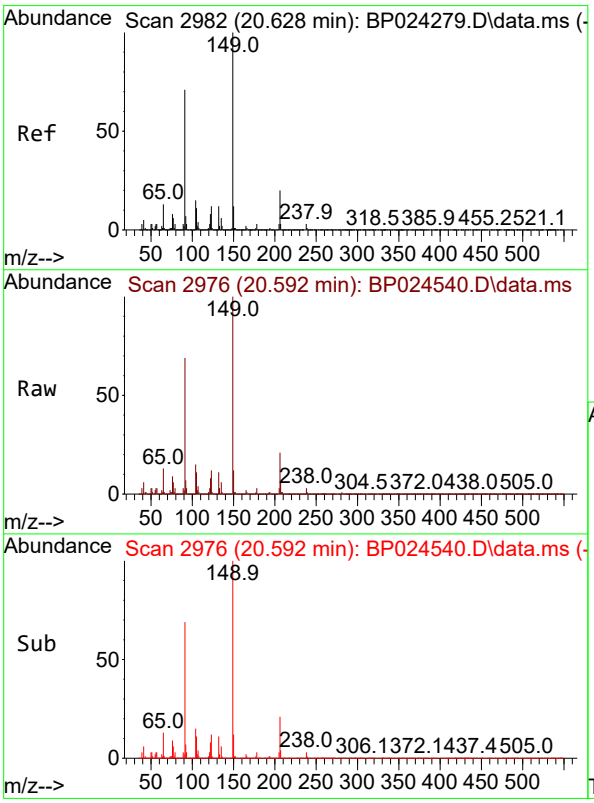
#79
Terphenyl-d14
Concen: 78.863 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3331765

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	9.6	9.4	14.0

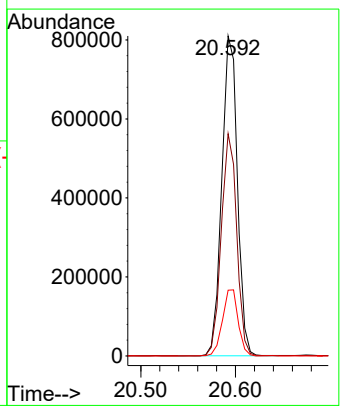


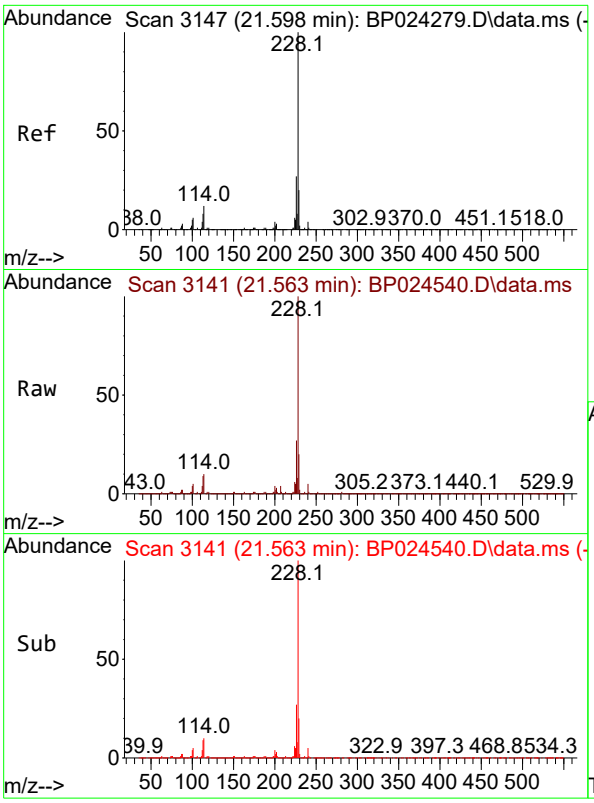


#80
Butylbenzylphthalate
Concen: 40.047 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 928290

Ion	Ratio	Lower	Upper
149	100		
91	69.5	56.4	84.6
206	20.5	16.3	24.5



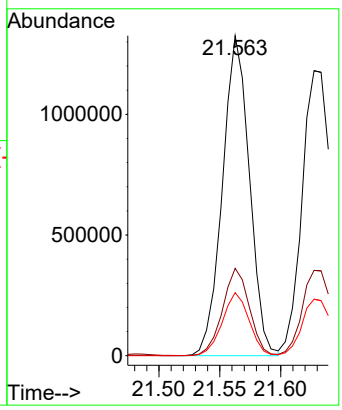


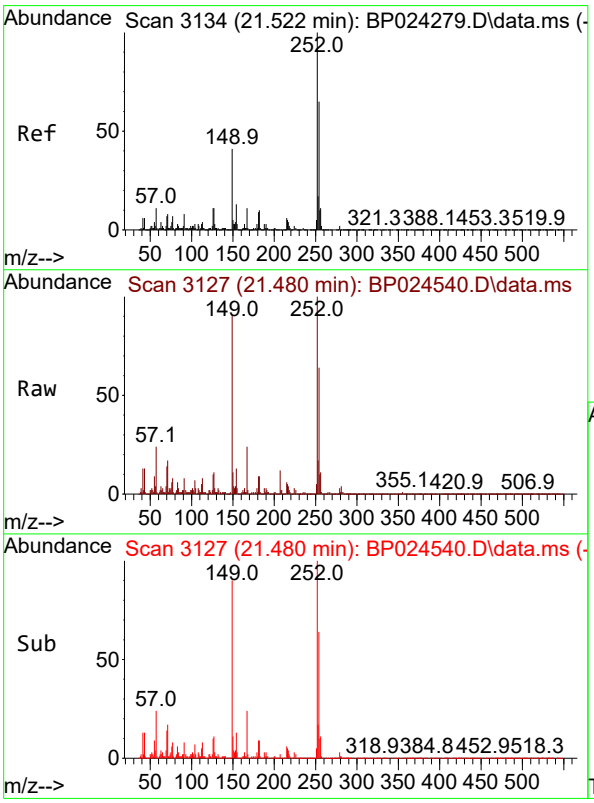
#81
Benzo(a)anthracene
Concen: 38.589 ng
RT: 21.563 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 2042490

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.9	23.9

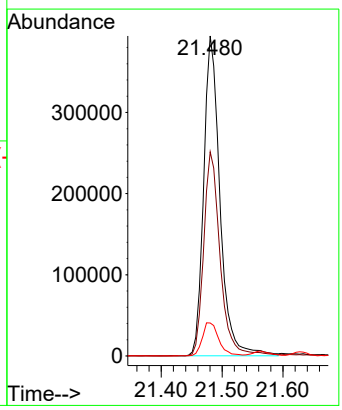


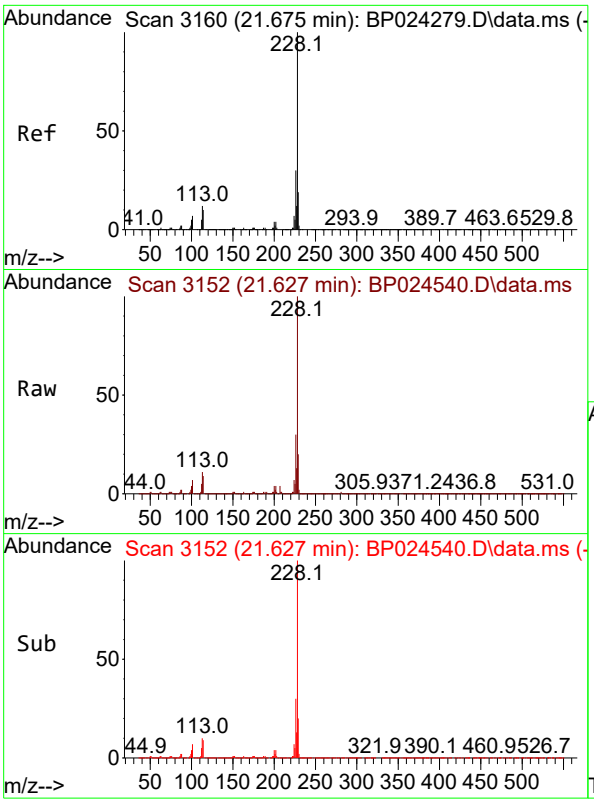


#82
3,3'-Dichlorobenzidine
Concen: 39.464 ng
RT: 21.480 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 733143

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.7	77.5
126	10.3	8.8	13.2



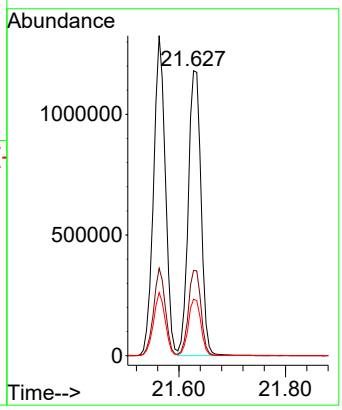


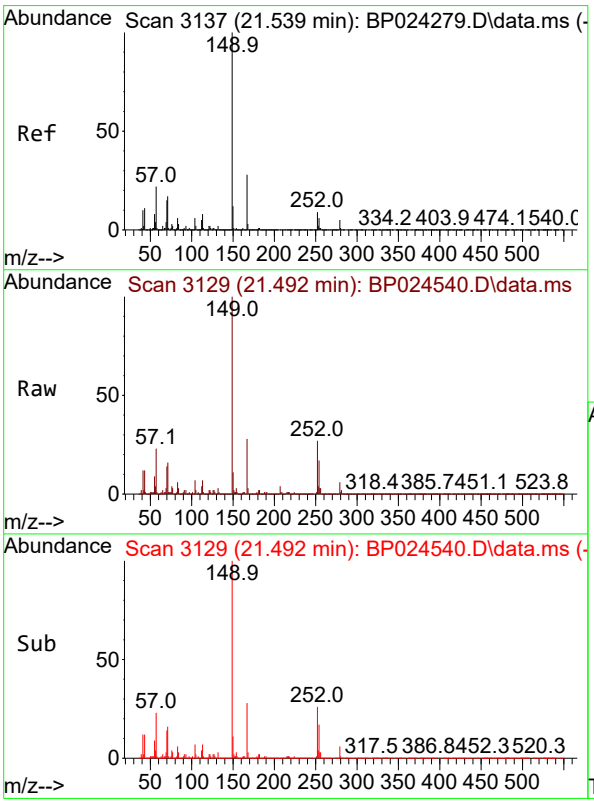
#83
Chrysene
Concen: 38.547 ng
RT: 21.627 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1954651

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.8	15.6	23.4

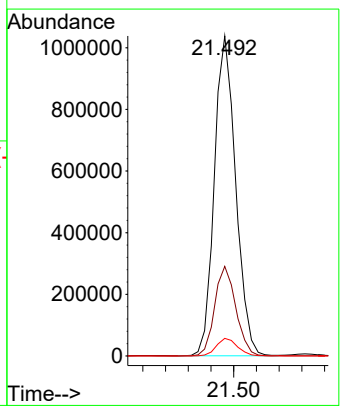


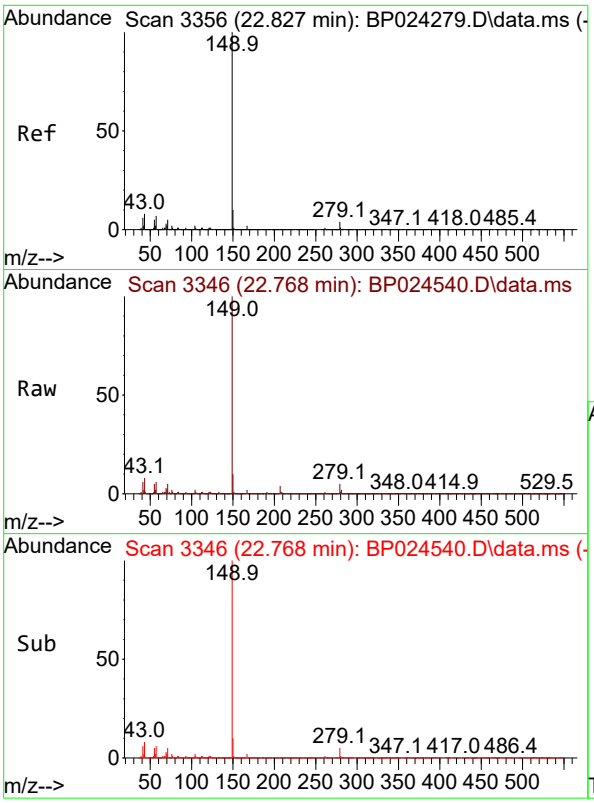


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.920 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:149 Resp: 1356524

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.5	4.0	6.0



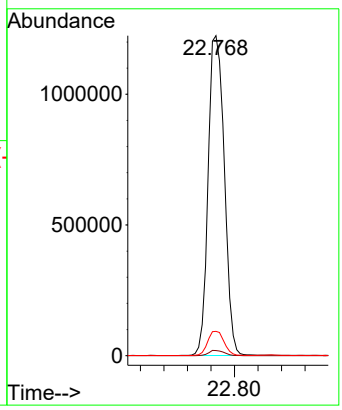


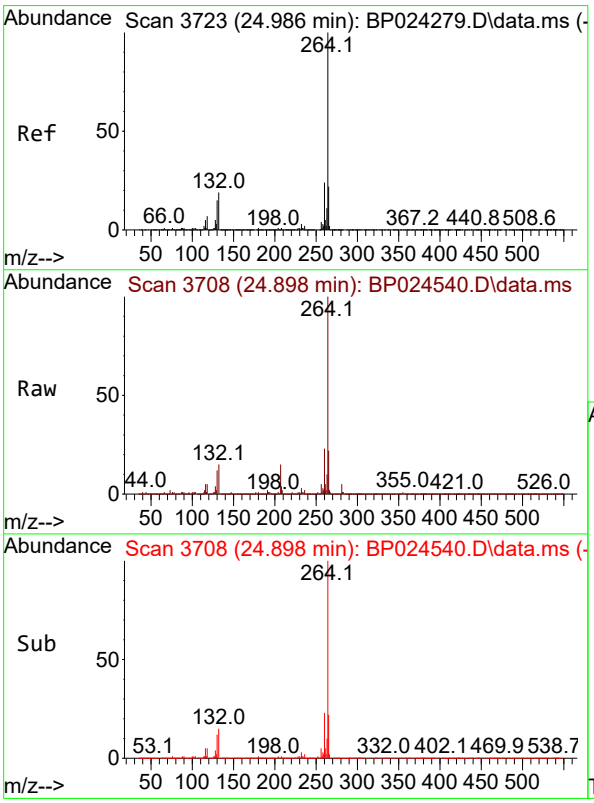
#85
Di-n-octyl phthalate
Concen: 42.333 ng
RT: 22.768 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 2338603

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.0	9.0

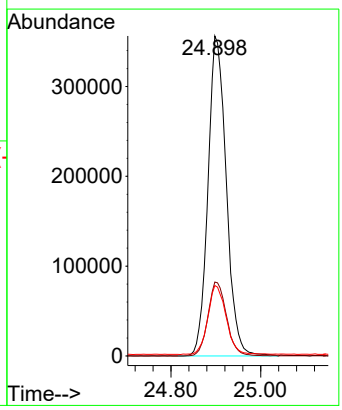


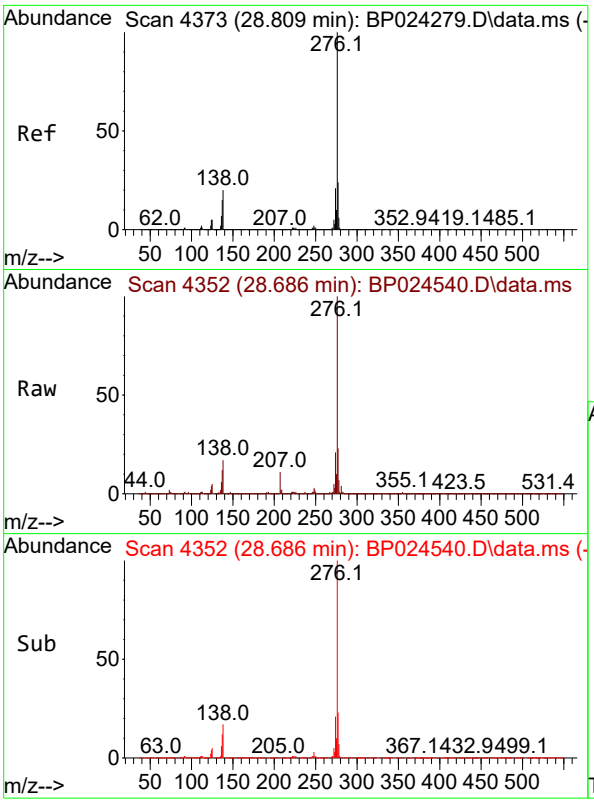


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.898 min Scan# 3708
Delta R.T. -0.035 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:264 Resp: 1008561

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.0	17.8	26.6



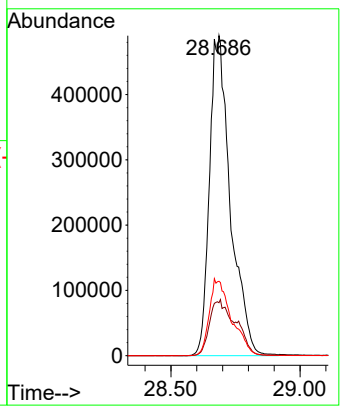


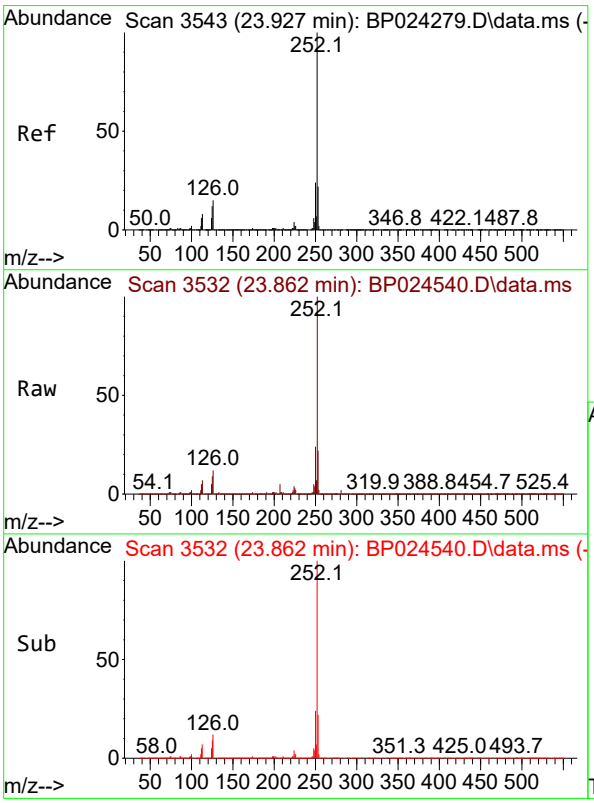
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.427 ng
RT: 28.686 min Scan# 4
Delta R.T. -0.053 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2760648

Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.5	21.7
277	0.0	20.2	30.2#

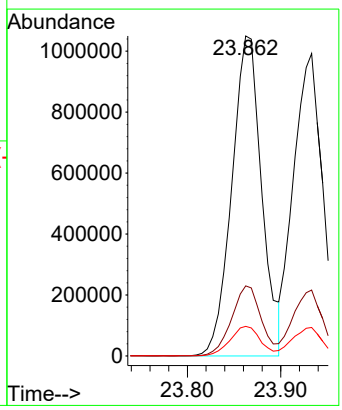


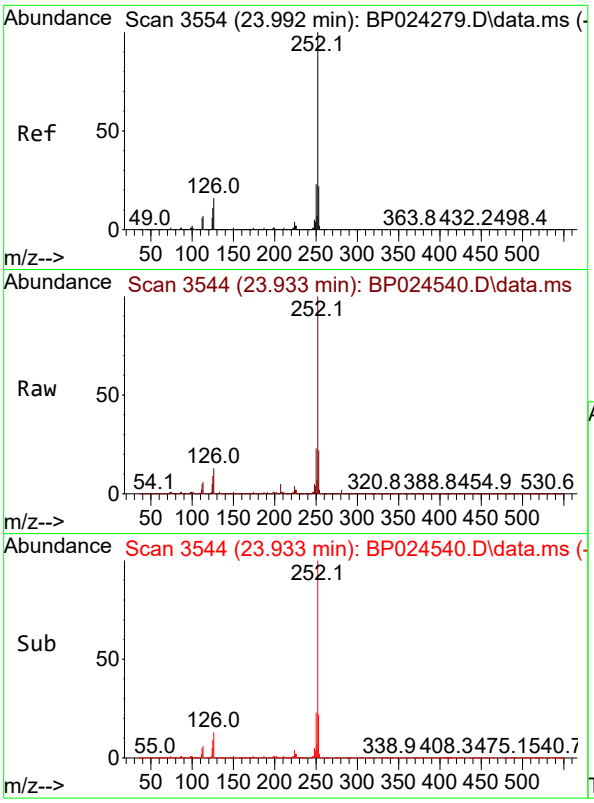


#88
Benzo(b)fluoranthene
Concen: 38.682 ng m
RT: 23.862 min Scan# 3532
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 2338497

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	9.4	14.0#



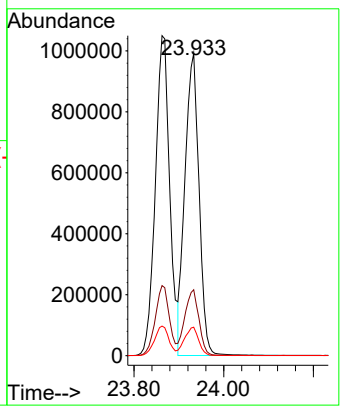


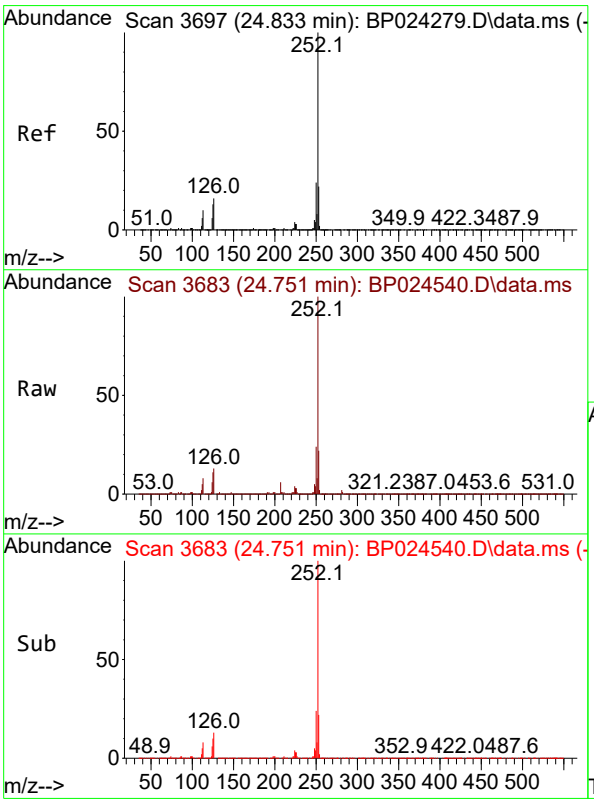
#89
Benzo(k)fluoranthene
Concen: 36.923 ng
RT: 23.933 min Scan# 3
Delta R.T. -0.024 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2156128

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.4	9.1	13.7

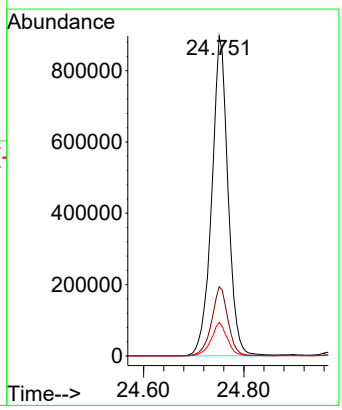


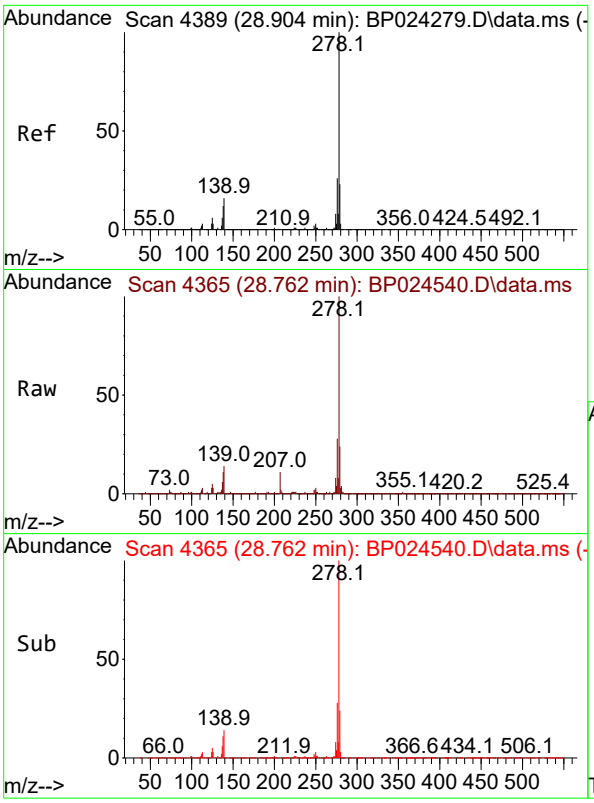


#90
Benzo(a)pyrene
Concen: 38.752 ng
RT: 24.751 min Scan# 3683
Delta R.T. -0.029 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:252 Resp: 2020791

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.5	10.1	15.1



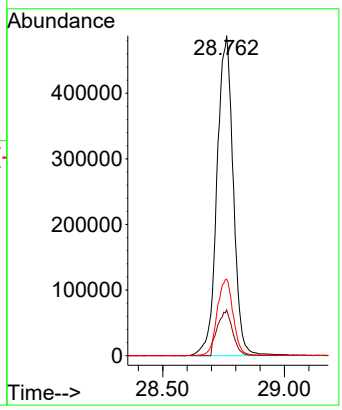


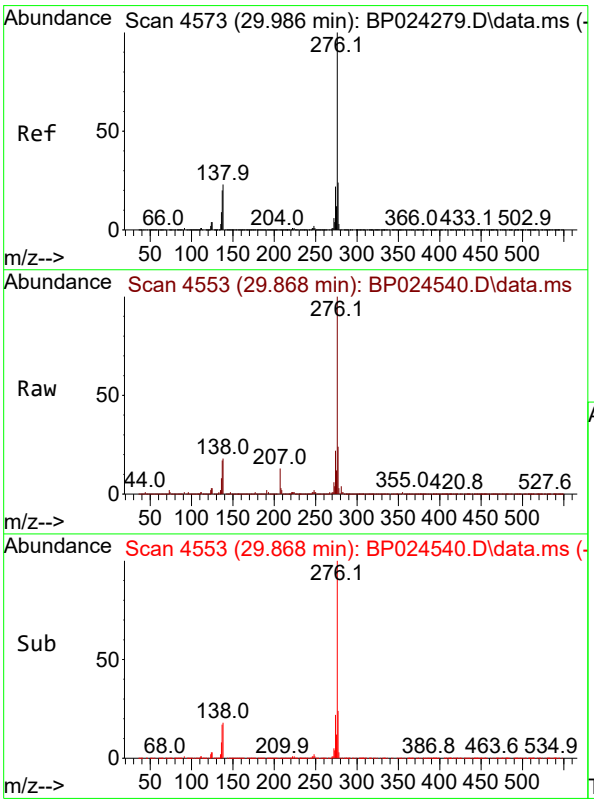
#91
Dibenzo(a,h)anthracene
Concen: 38.980 ng
RT: 28.762 min Scan# 4
Delta R.T. -0.041 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2265399

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	19.0
279	23.9	18.5	27.7

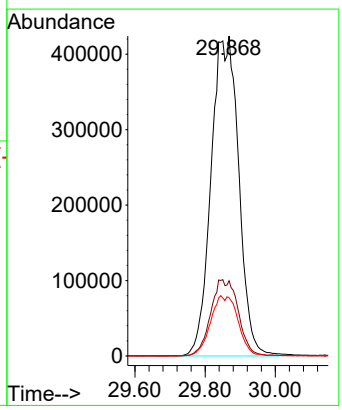




#92
Benzo(g,h,i)perylene
Concen: 39.093 ng m
RT: 29.868 min Scan# 4553
Delta R.T. -0.029 min
Lab File: BP024540.D
Acq: 06 May 2025 10:17

Tgt Ion:276 Resp: 2312588

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	18.2	18.7	28.1#



Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	-0.02
2		1,4-Dioxane	0.512	0.475	7.2	60	-0.01
3		Pyridine	1.351	1.101	18.5	51	-0.01
4		n-Nitrosodimethylamine	0.448	0.484	-8.0	69	-0.01
5	S	2-Fluorophenol	1.210	1.169	3.4	60	-0.02
6		Aniline	1.480	1.208	18.4	49#	-0.02
7	S	Phenol-d6	1.656	1.490	10.0	55	-0.01
8		2-Chlorophenol	1.350	1.270	5.9	59	-0.02
9		Benzaldehyde	0.819	0.804	1.8	62	-0.02
10	C	Phenol	1.661	1.459	12.2	54	-0.02
11		bis(2-Chloroethyl)ether	1.339	1.163	13.1	54	-0.02
12		1,3-Dichlorobenzene	1.454	1.370	5.8	60	-0.02
13	C	1,4-Dichlorobenzene	1.475	1.396	5.4	61	-0.02
14		1,2-Dichlorobenzene	1.424	1.333	6.4	60	-0.02
15		Benzyl Alcohol	1.071	1.008	5.9	57	-0.02
16		2,2'-oxybis(1-Chloropropane	1.447	1.254	13.3	54	-0.02
17		2-Methylphenol	1.075	0.995	7.4	57	-0.02
18		Hexachloroethane	0.533	0.521	2.3	62	-0.02
19	P	n-Nitroso-di-n-propylamine	1.025	0.887	13.5	53	-0.02
20		3+4-Methylphenols	1.491	1.350	9.5	55	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	60	-0.02
22		Acetophenone	0.495	0.472	4.6	55	-0.02
23	S	Nitrobenzene-d5	0.351	0.343	2.3	56	-0.02
24		Nitrobenzene	0.347	0.336	3.2	56	-0.02
25		Isophorone	0.635	0.588	7.4	53	-0.01
26	C	2-Nitrophenol	0.170	0.180	-5.9	59	-0.02
27		2,4-Dimethylphenol	0.213	0.205	3.8	55	-0.02
28		bis(2-Chloroethoxy)methane	0.429	0.380	11.4	51	-0.02
29	C	2,4-Dichlorophenol	0.291	0.296	-1.7	58	-0.01
30		1,2,4-Trichlorobenzene	0.311	0.314	-1.0	59	-0.02
31		Naphthalene	1.054	1.015	3.7	57	-0.02
32		Benzoic acid	0.248	0.227	8.5	57	0.00
33		4-Chloroaniline	0.371	0.348	6.2	53	-0.02
34	C	Hexachlorobutadiene	0.183	0.197	-7.7	63	-0.02
35		Caprolactam	0.107	0.101	5.6	55	0.00
36	C	4-Chloro-3-methylphenol	0.339	0.336	0.9	57	-0.01
37		2-Methylnaphthalene	0.731	0.692	5.3	55	-0.02
38		1-Methylnaphthalene	0.715	0.674	5.7	56	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	59	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.550	0.573	-4.2	59	-0.02
41	P	Hexachlorocyclopentadiene	0.195	0.199	-2.1	54	-0.02
42	S	2,4,6-Tribromophenol	0.277	0.315	-13.7	64	0.00
43	C	2,4,6-Trichlorophenol	0.366	0.383	-4.6	58	-0.02
44		2,4,5-Trichlorophenol	0.405	0.422	-4.2	58	0.00
45	S	2-Fluorobiphenyl	1.306	1.299	0.5	56	-0.02
46		1,1'-Biphenyl	1.470	1.445	1.7	56	-0.02
47		2-Chloronaphthalene	1.099	1.091	0.7	56	-0.02

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.308	0.322	-4.5	57	0.00
49		Acenaphthylene	1.730	1.668	3.6	54	-0.01
50		Dimethylphthalate	1.454	1.395	4.1	55	-0.02
51		2,6-Dinitrotoluene	0.309	0.312	-1.0	56	-0.02
52	C	Acenaphthene	1.097	1.042	5.0	54	-0.02
53		3-Nitroaniline	0.325	0.310	4.6	52	-0.01
54	P	2,4-Dinitrophenol	0.182	0.178	2.2	56	0.00
55		Dibenzofuran	1.793	1.687	5.9	54	-0.01
56	P	4-Nitrophenol	0.280	0.244	12.9	47#	0.02
57		2,4-Dinitrotoluene	0.421	0.437	-3.8	57	0.00
58		Fluorene	1.388	1.348	2.9	57	0.00
59		2,3,4,6-Tetrachlorophenol	0.373	0.376	-0.8	57	0.00
60		Diethylphthalate	1.499	1.467	2.1	56	-0.01
61		4-Chlorophenyl-phenylether	0.674	0.672	0.3	58	0.00
62		4-Nitroaniline	0.344	0.336	2.3	54	0.00
63		Azobenzene	1.378	1.285	6.7	53	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	60	0.00
65		4,6-Dinitro-2-methylphenol	0.126	0.125	0.8	57	0.00
66	c	n-Nitrosodiphenylamine	0.597	0.575	3.7	55	0.00
67		4-Bromophenyl-phenylether	0.219	0.228	-4.1	59	0.00
68		Hexachlorobenzene	0.260	0.277	-6.5	61	-0.01
69		Atrazine	0.152	0.140	7.9	69	-0.01
70	C	Pentachlorophenol	0.181	0.191	-5.5	58	-0.01
71		Phenanthrene	1.091	1.036	5.0	55	0.00
72		Anthracene	1.052	1.032	1.9	55	0.00
73		Carbazole	1.027	0.997	2.9	55	0.00
74		Di-n-butylphthalate	1.280	1.303	-1.8	56	-0.01
75	C	Fluoranthene	1.298	1.282	1.2	57	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	63	-0.01
77		Benzidine	0.254	0.197	22.4	29#	0.00
78		Pyrene	1.271	1.167	8.2	56	0.00
79	S	Terphenyl-d14	0.992	0.978	1.4	60	-0.01
80		Butylbenzylphthalate	0.544	0.545	-0.2	58	-0.01
81		Benzo(a)anthracene	1.243	1.199	3.5	59	0.00
82		3,3'-Dichlorobenzidine	0.436	0.430	1.4	56	-0.01
83		Chrysene	1.191	1.148	3.6	60	-0.01
84		Bis(2-ethylhexyl)phthalate	0.798	0.796	0.3	56	-0.02
85	c	Di-n-octyl phthalate	1.297	1.373	-5.9	59	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	68	-0.04
87		Indeno(1,2,3-cd)pyrene	1.388	1.369	1.4	64	-0.05
88		Benzo(b)fluoranthene	1.199	1.159	3.3	63	-0.02
89		Benzo(k)fluoranthene	1.158	1.069	7.7	60	-0.02
90	C	Benzo(a)pyrene	1.034	1.002	3.1	62	-0.03
91		Dibenzo(a,h)anthracene	1.152	1.123	2.5	63	-0.04
92		Benzo(g,h,i)perylene	1.173	1.146	2.3	64	-0.03

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	65	-0.02
2		1,4-Dioxane	40.000	37.172	7.1	60	-0.01
3		Pyridine	40.000	32.601	18.5	51	-0.01
4		n-Nitrosodimethylamine	40.000	43.215	-8.0	69	-0.01
5	S	2-Fluorophenol	80.000	77.338	3.3	60	-0.02
6		Aniline	40.000	32.636	18.4	49	-0.02
7	S	Phenol-d6	80.000	71.968	10.0	55	-0.01
8		2-Chlorophenol	40.000	37.602	6.0	59	-0.02
9		Benzaldehyde	40.000	39.230	1.9	62	-0.02
10	C	Phenol	40.000	35.129	12.2	54	-0.02
11		bis(2-Chloroethyl)ether	40.000	34.764	13.1	54	-0.02
12		1,3-Dichlorobenzene	40.000	37.686	5.8	60	-0.02
13	C	1,4-Dichlorobenzene	40.000	37.859	5.4	61	-0.02
14		1,2-Dichlorobenzene	40.000	37.444	6.4	60	-0.02
15		Benzyl Alcohol	40.000	37.653	5.9	57	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	34.660	13.4	54	-0.02
17		2-Methylphenol	40.000	37.028	7.4	57	-0.02
18		Hexachloroethane	40.000	39.103	2.2	62	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	34.618	13.5	53	-0.02
20		3+4-Methylphenols	40.000	36.217	9.5	55	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	60	-0.02
22		Acetophenone	40.000	38.145	4.6	55	-0.02
23	S	Nitrobenzene-d5	80.000	78.239	2.2	56	-0.02
24		Nitrobenzene	40.000	38.728	3.2	56	-0.02
25		Isophorone	40.000	37.074	7.3	53	-0.01
26	C	2-Nitrophenol	40.000	42.484	-6.2	59	-0.02
27		2,4-Dimethylphenol	40.000	38.539	3.7	55	-0.02
28		bis(2-Chloroethoxy)methane	40.000	35.422	11.4	51	-0.02
29	C	2,4-Dichlorophenol	40.000	40.729	-1.8	58	-0.01
30		1,2,4-Trichlorobenzene	40.000	40.360	-0.9	59	-0.02
31		Naphthalene	40.000	38.523	3.7	57	-0.02
32		Benzoic acid	40.000	36.540	8.7	57	0.00
33		4-Chloroaniline	40.000	37.567	6.1	53	-0.02
34	C	Hexachlorobutadiene	40.000	43.020	-7.6	63	-0.02
35		Caprolactam	40.000	37.754	5.6	55	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.670	0.8	57	-0.01
37		2-Methylnaphthalene	40.000	37.908	5.2	55	-0.02
38		1-Methylnaphthalene	40.000	37.739	5.7	56	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	59	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	41.672	-4.2	59	-0.02
41	P	Hexachlorocyclopentadiene	40.000	41.024	-2.6	54	-0.02
42	S	2,4,6-Tribromophenol	80.000	90.973	-13.7	64	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.862	-4.7	58	-0.02
44		2,4,5-Trichlorophenol	40.000	41.735	-4.3	58	0.00
45	S	2-Fluorobiphenyl	80.000	79.554	0.6	56	-0.02
46		1,1'-Biphenyl	40.000	39.325	1.7	56	-0.02
47		2-Chloronaphthalene	40.000	39.714	0.7	56	-0.02

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	41.835	-4.6	57	0.00
49		Acenaphthylene	40.000	38.563	3.6	54	-0.01
50		Dimethylphthalate	40.000	38.365	4.1	55	-0.02
51		2,6-Dinitrotoluene	40.000	40.375	-0.9	56	-0.02
52	C	Acenaphthene	40.000	38.017	5.0	54	-0.02
53		3-Nitroaniline	40.000	38.224	4.4	52	-0.01
54	P	2,4-Dinitrophenol	40.000	39.091	2.3	56	0.00
55		Dibenzofuran	40.000	37.642	5.9	54	-0.01
56	P	4-Nitrophenol	40.000	34.863	12.8	47	0.02
57		2,4-Dinitrotoluene	40.000	41.453	-3.6	57	0.00
58		Fluorene	40.000	38.866	2.8	57	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.253	-0.6	57	0.00
60		Diethylphthalate	40.000	39.149	2.1	56	-0.01
61		4-Chlorophenyl-phenylether	40.000	39.894	0.3	58	0.00
62		4-Nitroaniline	40.000	39.125	2.2	54	0.00
63		Azobenzene	40.000	37.300	6.8	53	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	60	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.598	1.0	57	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.554	3.6	55	0.00
67		4-Bromophenyl-phenylether	40.000	41.659	-4.1	59	0.00
68		Hexachlorobenzene	40.000	42.643	-6.6	61	-0.01
69		Atrazine	40.000	36.800	8.0	69	-0.01
70	C	Pentachlorophenol	40.000	42.038	-5.1	58	-0.01
71		Phenanthrene	40.000	37.968	5.1	55	0.00
72		Anthracene	40.000	39.248	1.9	55	0.00
73		Carbazole	40.000	38.820	2.9	55	0.00
74		Di-n-butylphthalate	40.000	40.715	-1.8	56	-0.01
75	C	Fluoranthene	40.000	39.506	1.2	57	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	63	-0.01
77		Benzidine	40.000	31.123	22.2	29	0.00
78		Pyrene	40.000	36.725	8.2	56	0.00
79	S	Terphenyl-d14	80.000	78.863	1.4	60	-0.01
80		Butylbenzylphthalate	40.000	40.047	-0.1	58	-0.01
81		Benzo(a)anthracene	40.000	38.589	3.5	59	0.00
82		3,3'-Dichlorobenzidine	40.000	39.464	1.3	56	-0.01
83		Chrysene	40.000	38.547	3.6	60	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	39.920	0.2	56	-0.02
85	c	Di-n-octyl phthalate	40.000	42.333	-5.8	59	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	68	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.427	1.4	64	-0.05
88		Benzo(b)fluoranthene	40.000	38.682	3.3	63	-0.02
89		Benzo(k)fluoranthene	40.000	36.923	7.7	60	-0.02
90	C	Benzo(a)pyrene	40.000	38.752	3.1	62	-0.03
91		Dibenzo(a,h)anthracene	40.000	38.980	2.6	63	-0.04
92		Benzo(g,h,i)perylene	40.000	39.093	2.3	64	-0.03

Sample Results: **BP024540.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024540.D
Acq On : 06 May 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 06 13:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

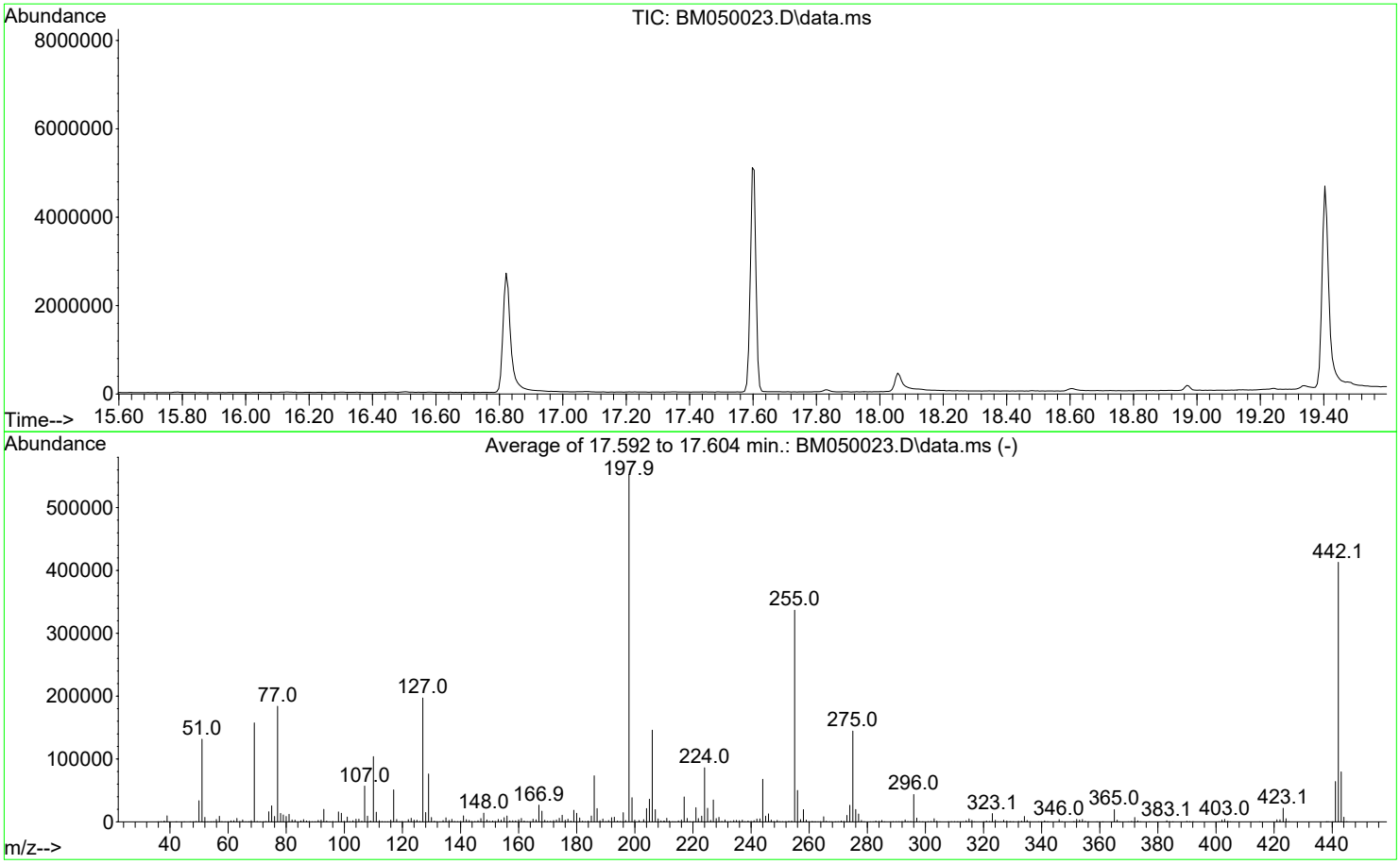
Sample Results: **BM050023.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025



AutoFind: Scans 2483, 2484, 2485; Background Corrected with Scan 2476

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.8	131521	PASS
68	69	0.00	2	1.3	2026	PASS
69	198	0.00	100	28.5	157569	PASS
70	69	0.00	2	0.4	660	PASS
127	198	10	80	35.7	197099	PASS
197	198	0.00	2	0.4	2228	PASS
198	198	100	100	100.0	552704	PASS
199	198	5	9	7.0	38461	PASS
275	198	10	60	26.2	144571	PASS
365	198	1	100	3.5	19537	PASS
441	198	0.01	100	11.6	64259	PASS
442	442	50	100	100.0	413099	PASS
443	442	15	24	19.3	79557	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/28/2025	BNA_M	BM050023.D
Compound Name	**Response**	**Retention Time**
DDT	1978095	20.639
DDD	17600	20.251
DDE	1351	19.692
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
18951	1997046	0.95

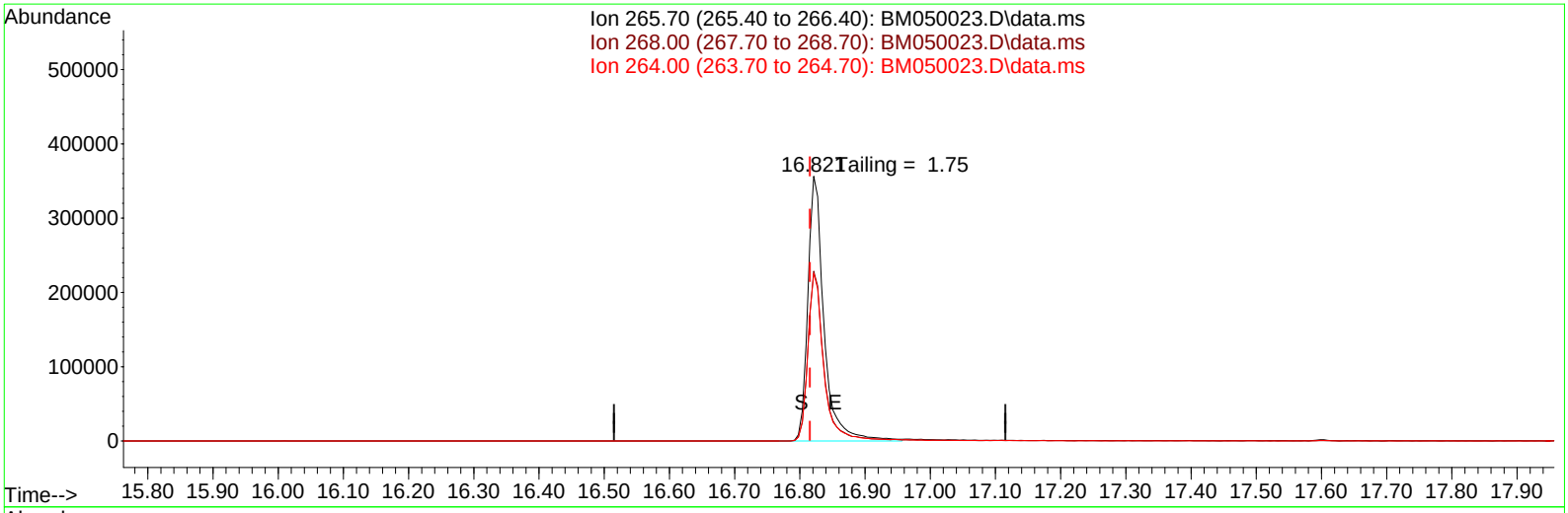
Instrument :
BNA_M
ClientSampleId :
DFTPP

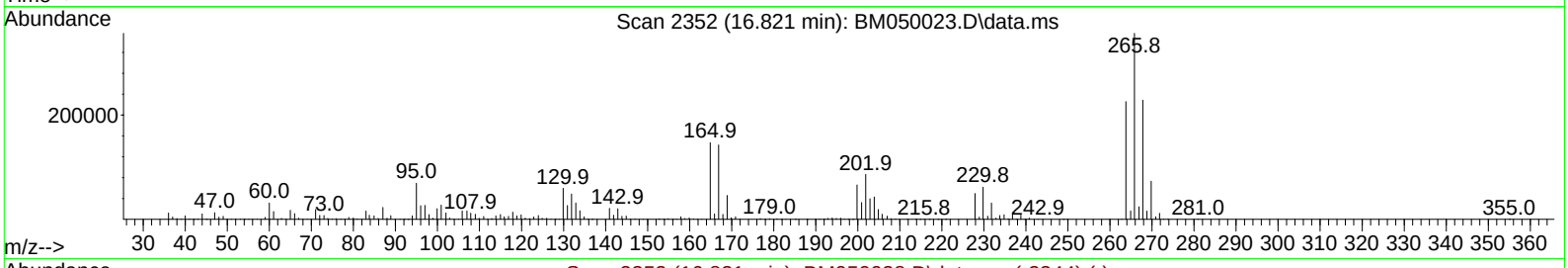
Sample Results: **BM050023.D**

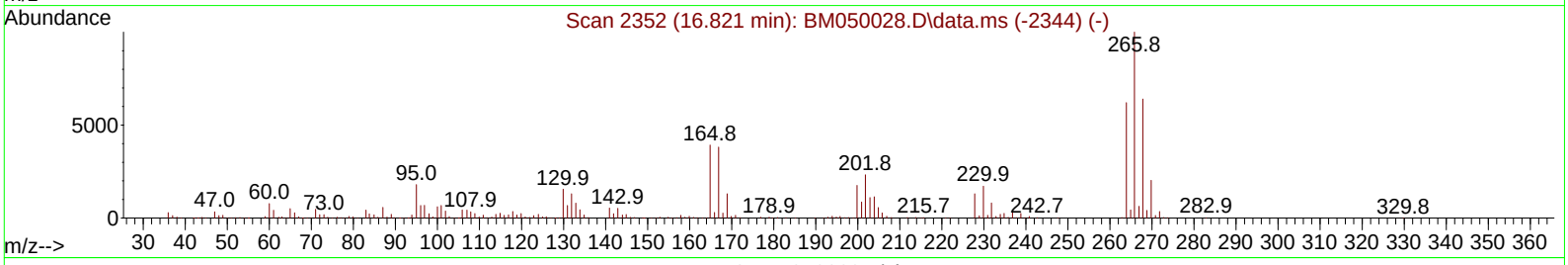
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration







TIC: BM050023.D\data.ms

(70) Pentachlorophenol (C)

16.821min (+ 0.006) 652247.26 ng

response 613835

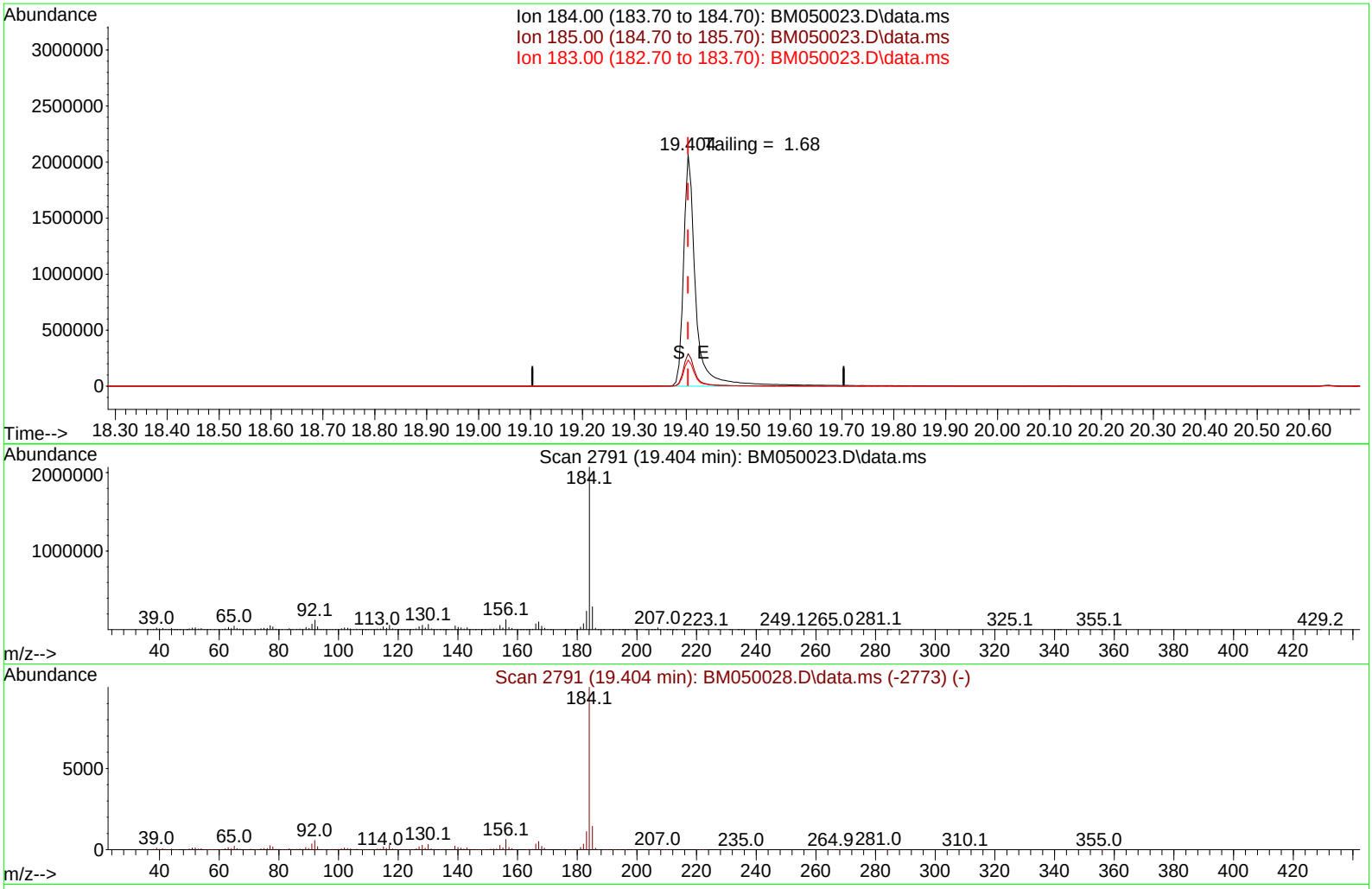
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.30	64.13
264.00	62.30	63.38
0.00	0.00	0.00

Sample Results: **BM050023.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042825\
Data File : BM050023.D
Acq On : 28 Apr 2025 11:46
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Apr 28 15:37:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration



TIC: BM050023.D\data.ms

(77) Benzidine

19.404min (+ 0.000) 1761877.84 ng

response 3412576

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.30	14.06
183.00	11.00	11.29
0.00	0.00	0.00

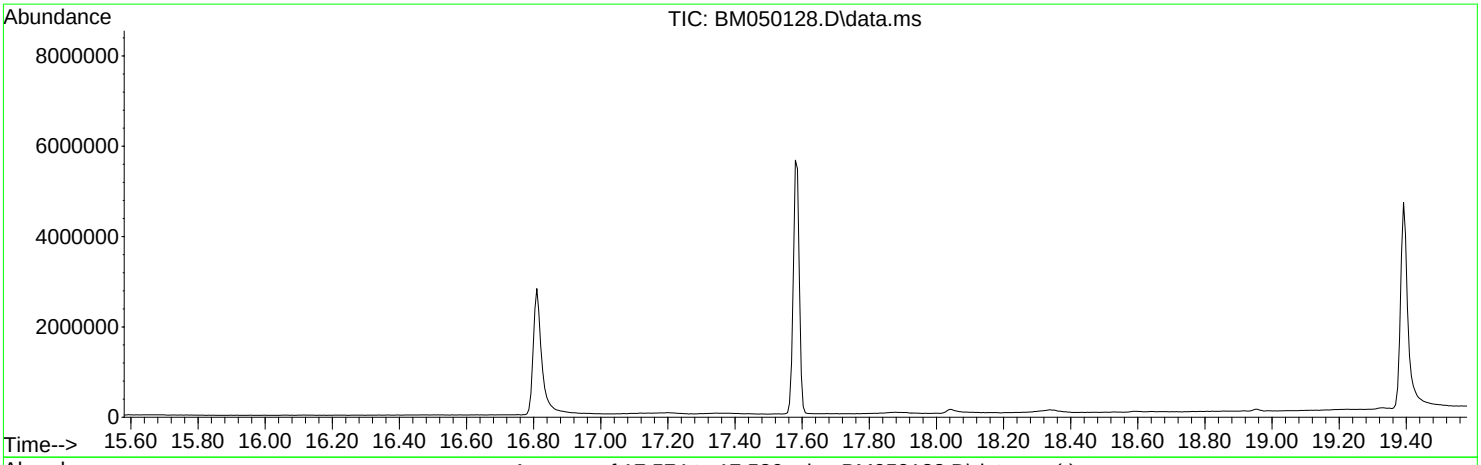
Sample Results: **BM050128.D**

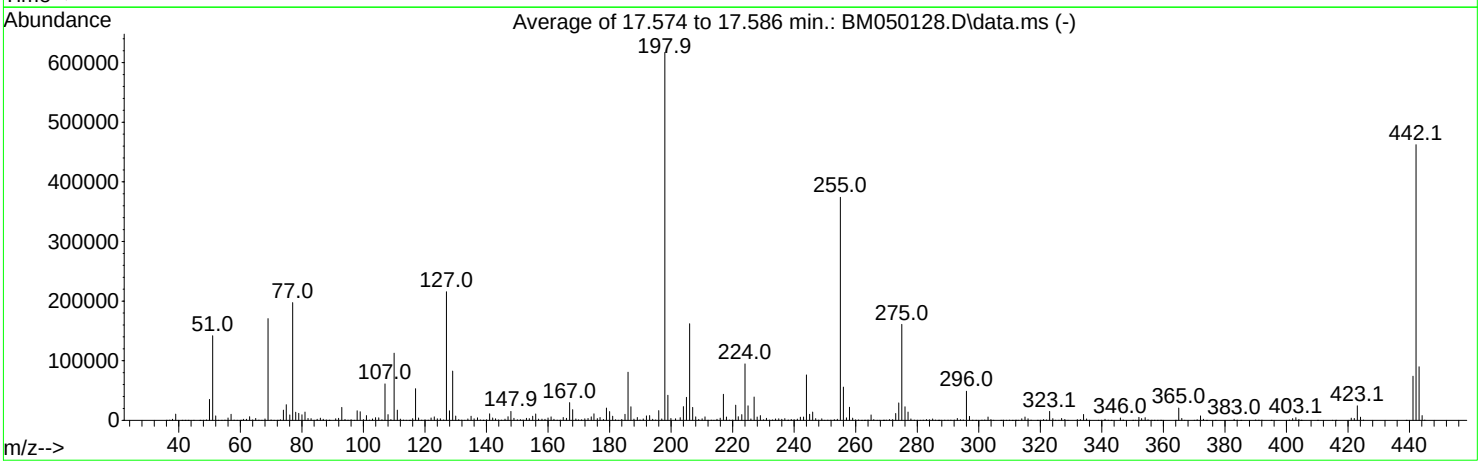
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Apr 28 18:09:16 2025





AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	23.0	142053	PASS
68	69	0.00	2	1.4	2411	PASS
69	198	0.00	100	27.7	170733	PASS
70	69	0.00	2	0.5	908	PASS
127	198	10	80	35.0	215732	PASS
197	198	0.00	2	0.4	2403	PASS
198	198	100	100	100.0	616960	PASS
199	198	5	9	6.9	42292	PASS
275	198	10	60	26.1	161005	PASS
365	198	1	100	3.4	20678	PASS
441	198	0.01	100	12.0	74035	PASS
442	442	50	100	100.0	462379	PASS
443	442	15	24	19.4	89800	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/7/2025	BNA_M	BM050128.D
Compound Name	**Response**	**Retention Time**
DDT	1909705	20.621
DDD	35773	20.186
DDE	4017	19.674
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
39790	1949495	2.04

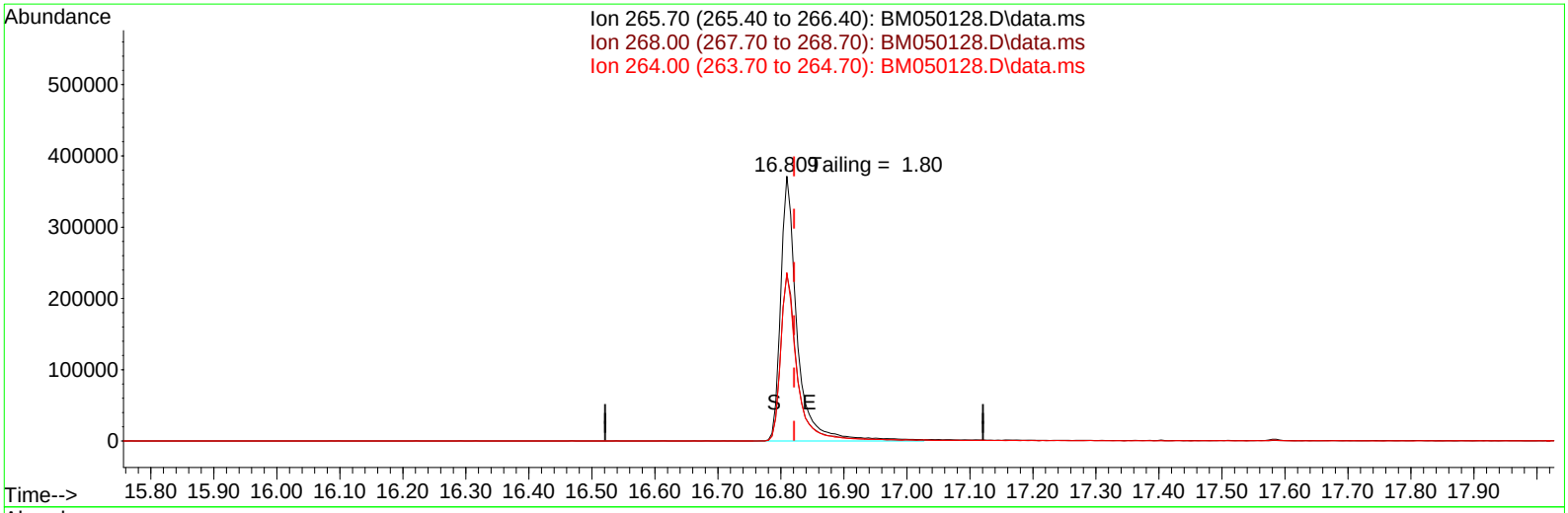
Instrument :
BNA_M
ClientSampleId :
DFTPP

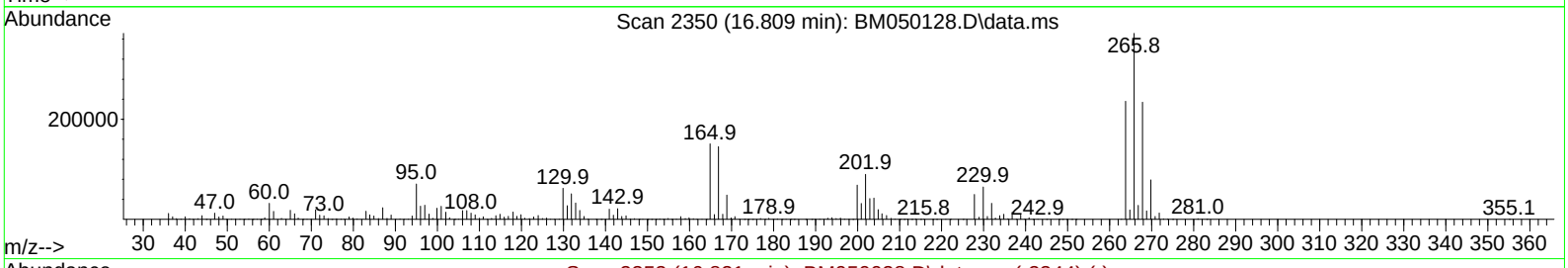
Sample Results: **BM050128.D**

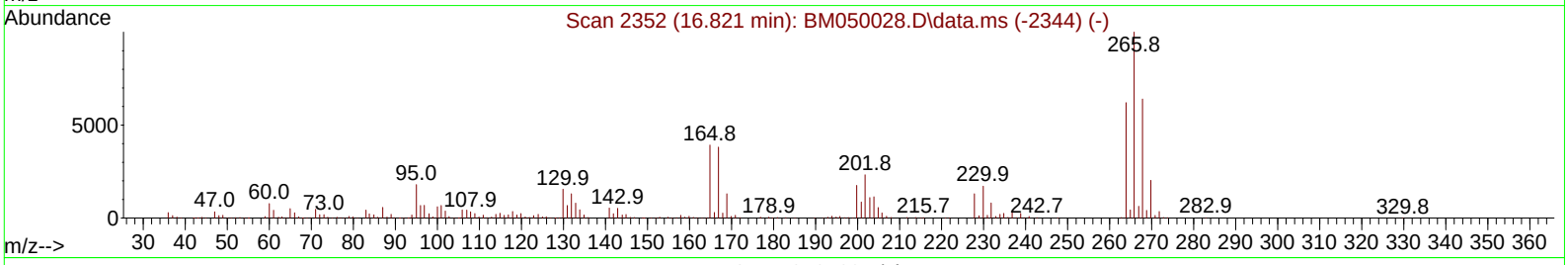
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 07 11:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050128.D\data.ms

(70) Pentachlorophenol (C)

16.809min (-0.012) 191312.72 ng

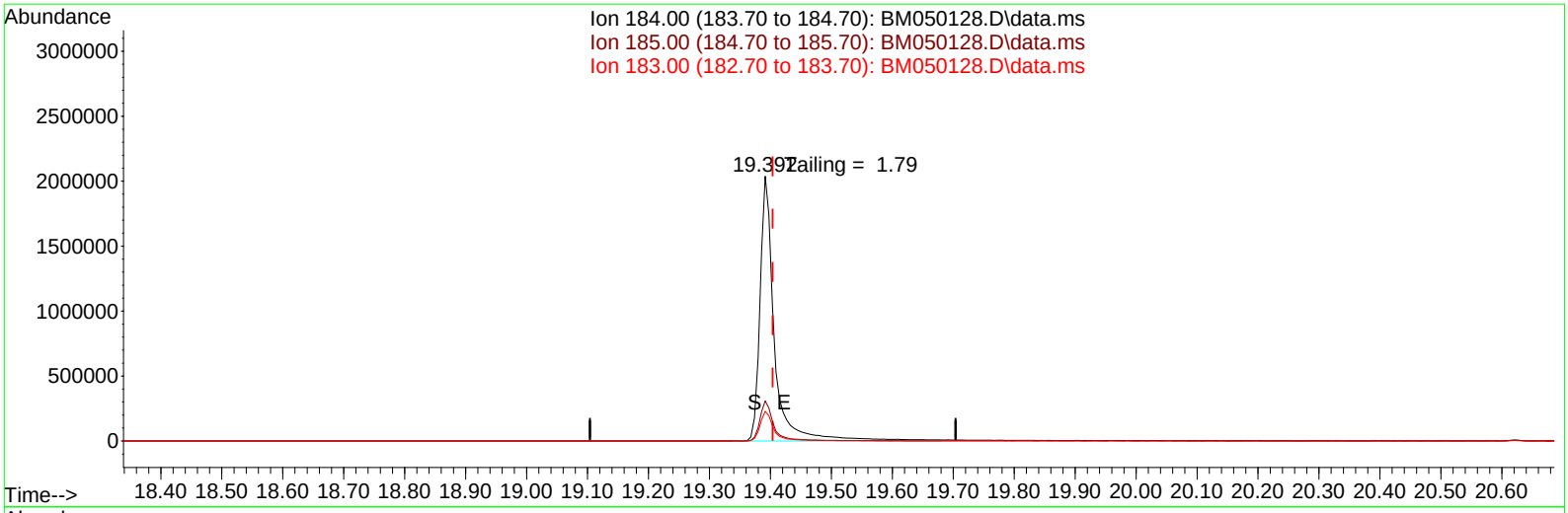
response 680000

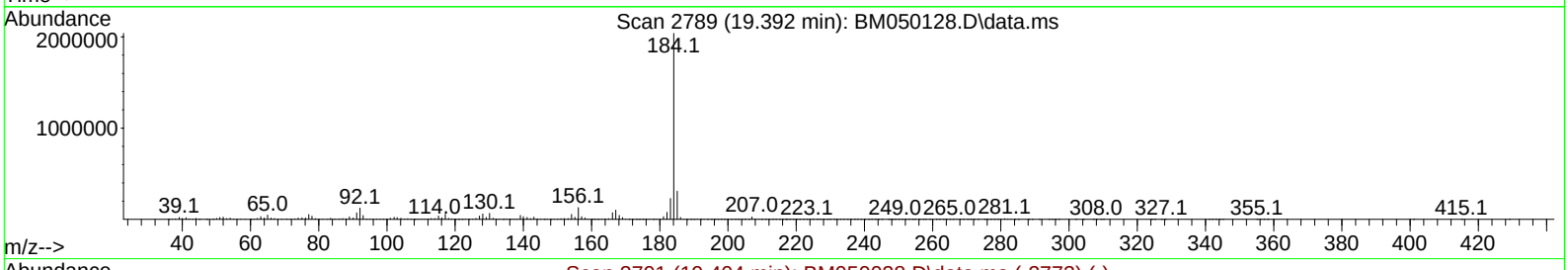
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	62.98
264.00	62.00	63.53
0.00	0.00	0.00

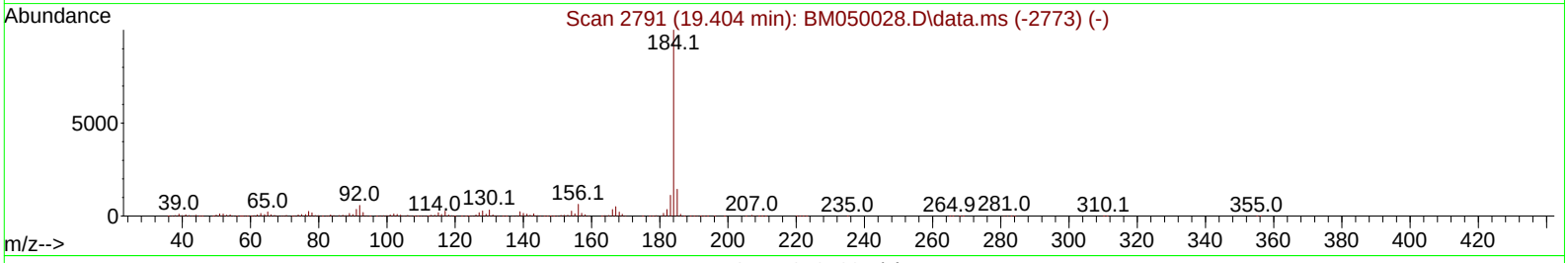
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050128.D
Acq On : 07 May 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 07 11:57:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050128.D\data.ms

(77) Benzidine

19.392min (-0.012) 51539.94 ng

response 3372211

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	15.17
183.00	11.10	11.22
0.00	0.00	0.00

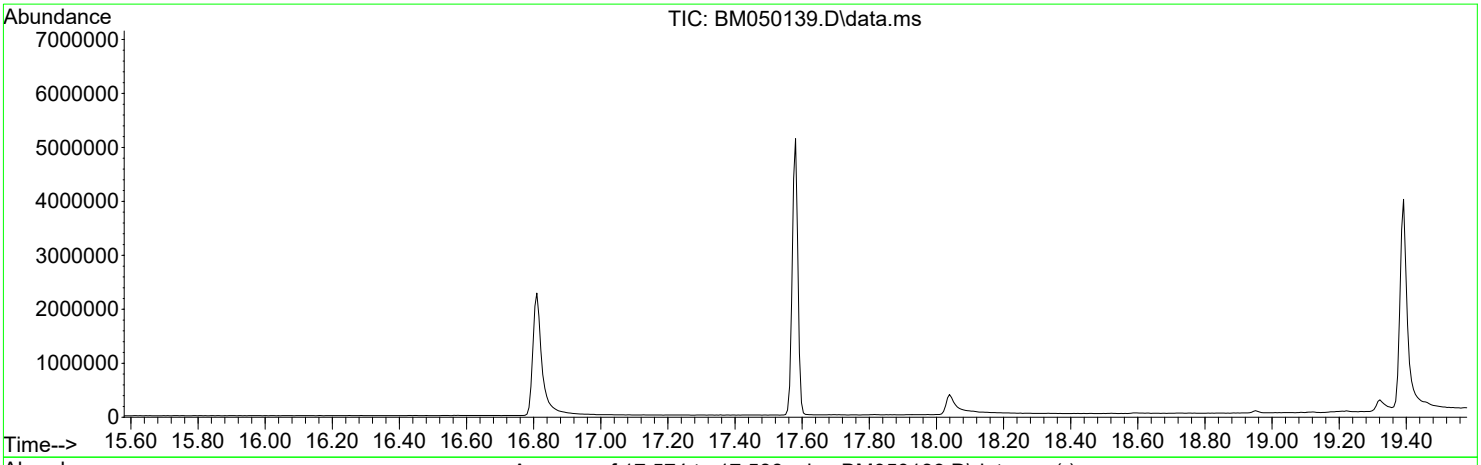
Sample Results: **BM050139.D**

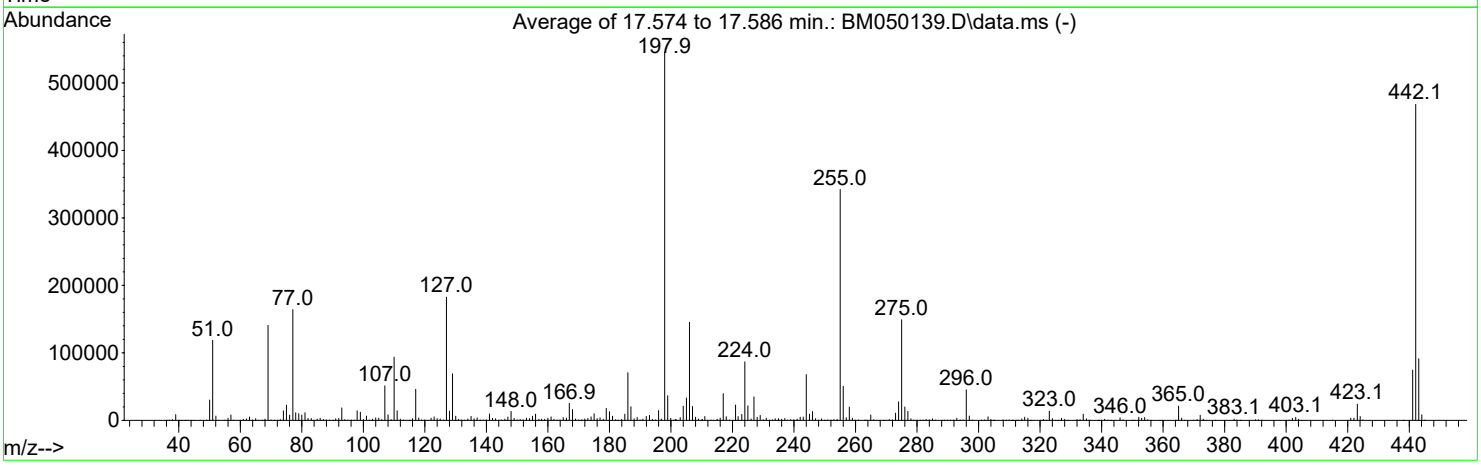
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu May 08 12:03:21 2025





AutoFind: Scans 2480, 2481, 2482; Background Corrected with Scan 2473

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	21.7	118511	PASS
68	69	0.00	2	1.4	2018	PASS
69	198	0.00	100	25.8	140810	PASS
70	69	0.00	2	0.4	628	PASS
127	198	10	80	33.5	182635	PASS
197	198	0.00	2	0.4	2160	PASS
198	198	100	100	100.0	545024	PASS
199	198	5	9	6.7	36635	PASS
275	198	10	60	27.3	149061	PASS
365	198	1	100	3.9	21040	PASS
441	198	0.01	100	13.6	74341	PASS
442	442	50	100	100.0	468224	PASS
443	442	15	24	19.5	91352	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/8/2025	BNA_M	BM050139.D
Compound Name	**Response**	**Retention Time**
DDT	1691185	20.621
DDD	32020	20.186
DDE	2862	19.674
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
34882	1726067	2.02

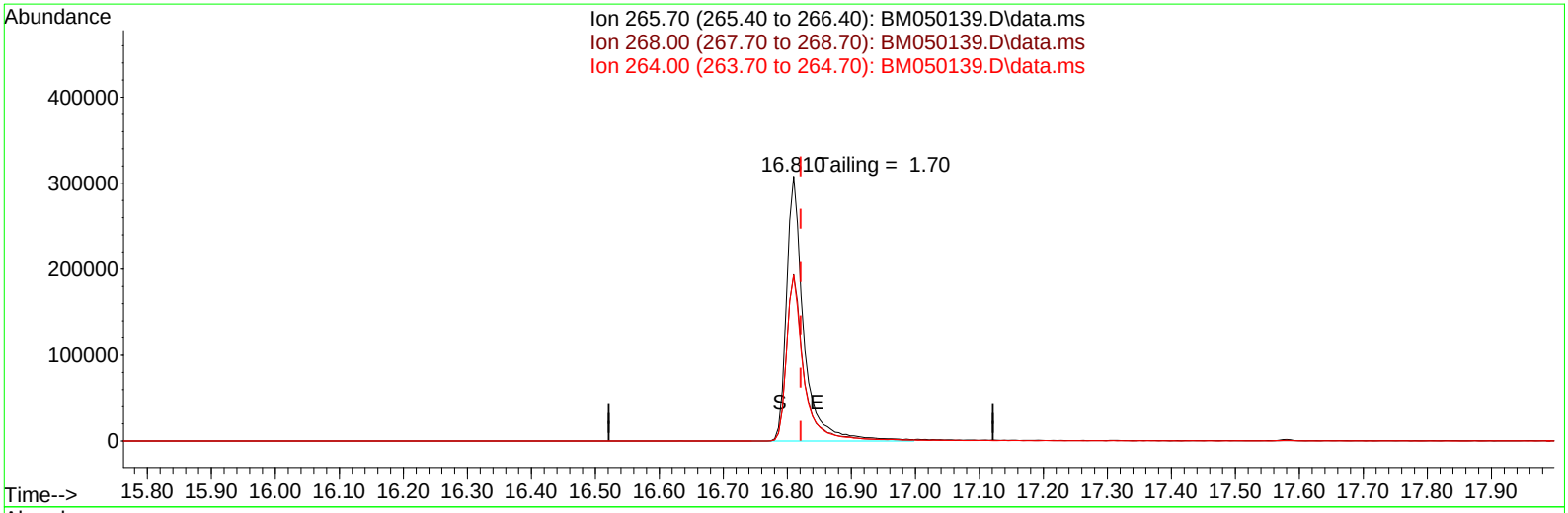
Instrument :
BNA_M
ClientSampleId :
DFTPP

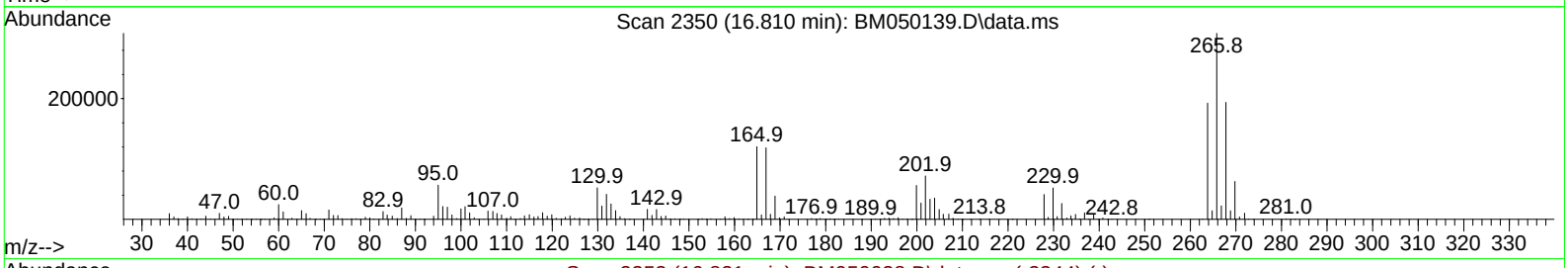
Sample Results: **BM050139.D**

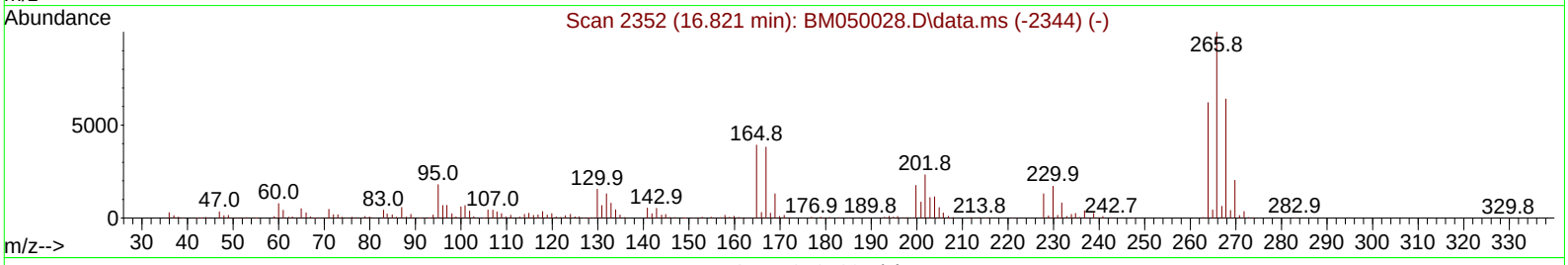
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 08 11:50:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050139.D\data.ms

(70) Pentachlorophenol (C)

16.810min (-0.011) 902047.65 ng

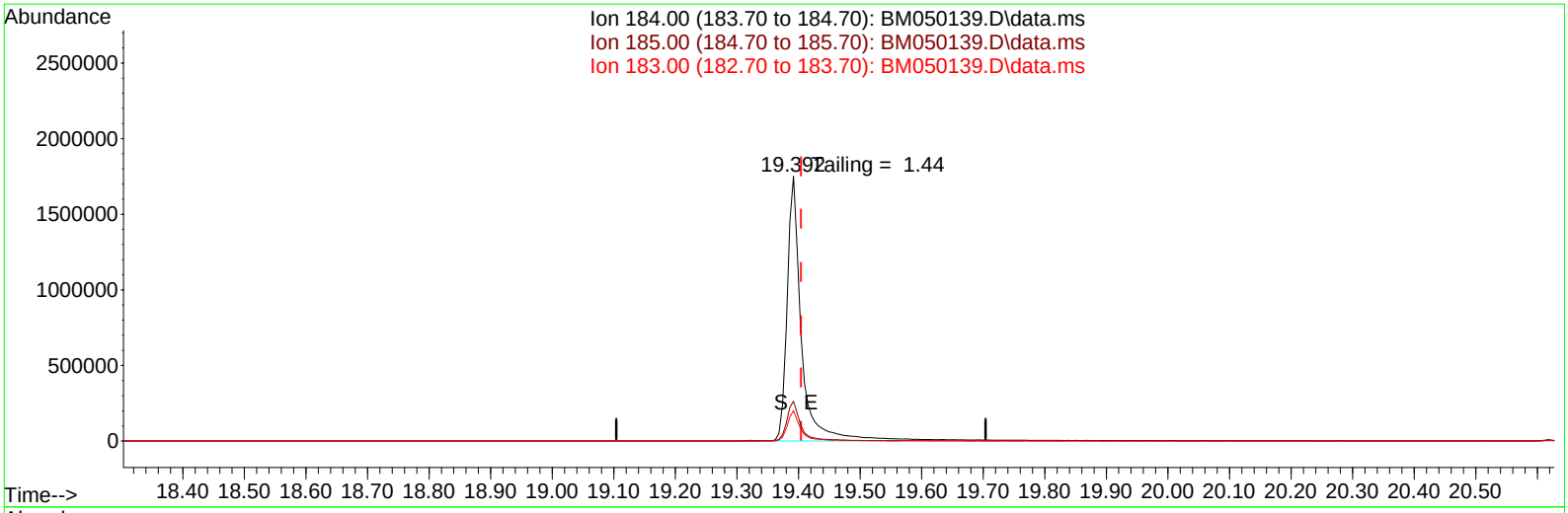
response 580377

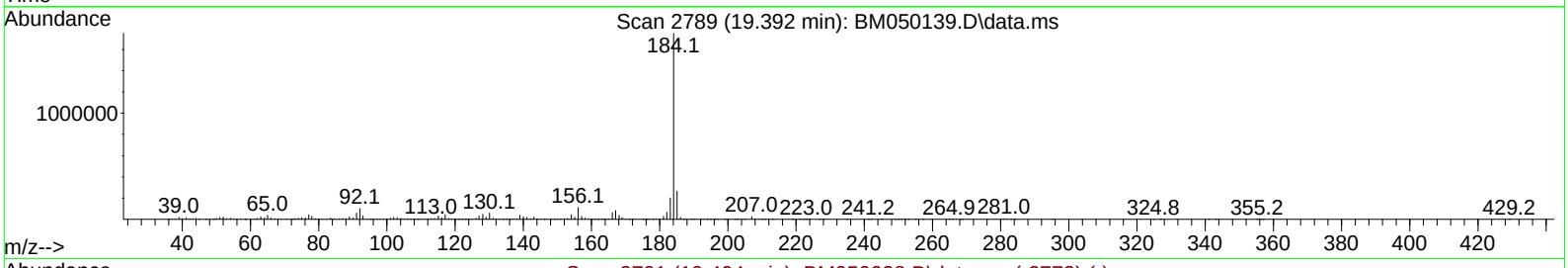
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.00	62.90
264.00	62.00	62.46
0.00	0.00	0.00

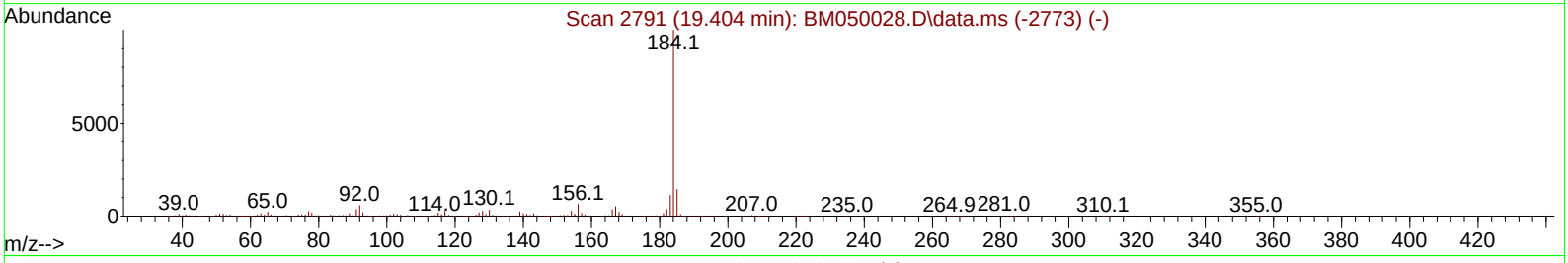
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050139.D
Acq On : 08 May 2025 09:59
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: May 08 11:50:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration







TIC: BM050139.D\data.ms

(77) Benzidine

19.392min (-0.012) 27949.85 ng

response 2854293

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	15.07
183.00	11.10	11.46
0.00	0.00	0.00

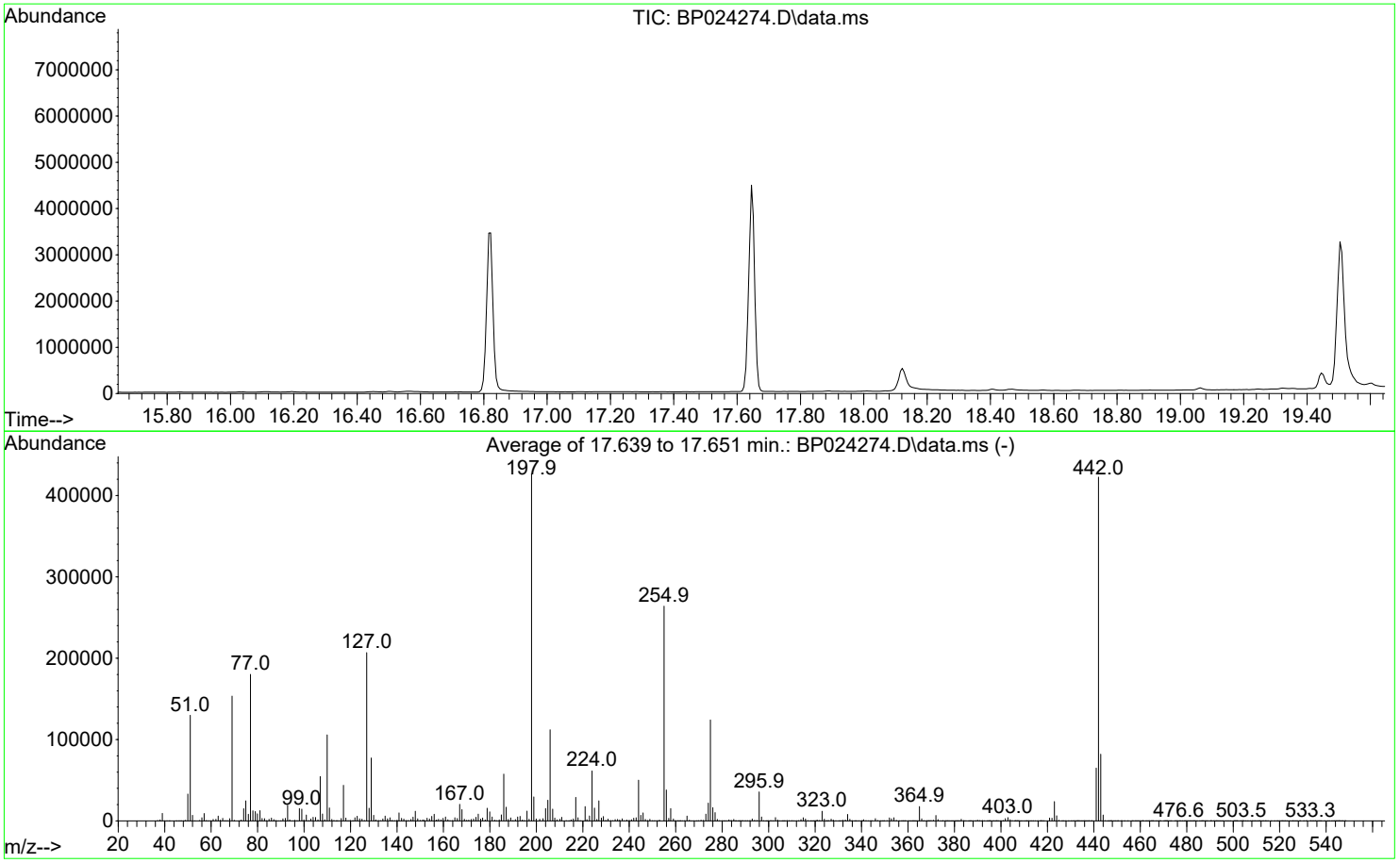
Sample Results: **BP024274.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Apr 15 04:48:42 2025



AutoFind: Scans 2474, 2475, 2476; Background Corrected with Scan 2463

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.4	129796	PASS
68	69	0.00	2	1.8	2815	PASS
69	198	0.00	100	36.0	153442	PASS
70	69	0.00	2	0.5	836	PASS
127	198	10	80	48.5	206858	PASS
197	198	0.00	2	0.5	2122	PASS
198	198	100	100	100.0	426527	PASS
199	198	5	9	6.9	29549	PASS
275	198	10	60	29.1	124199	PASS
365	198	1	100	4.1	17663	PASS
441	198	0.01	100	15.2	64862	PASS
442	442	100	100	100.0	422528	PASS
443	442	15	24	19.4	82090	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
4/14/2025	BNA_P	BP024274.D
Compound Name	**Response**	**Retention Time**
DDT	1715151	20.798
DDD	26002	20.386
DDE	1572	19.81
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
27574	1742725	1.58

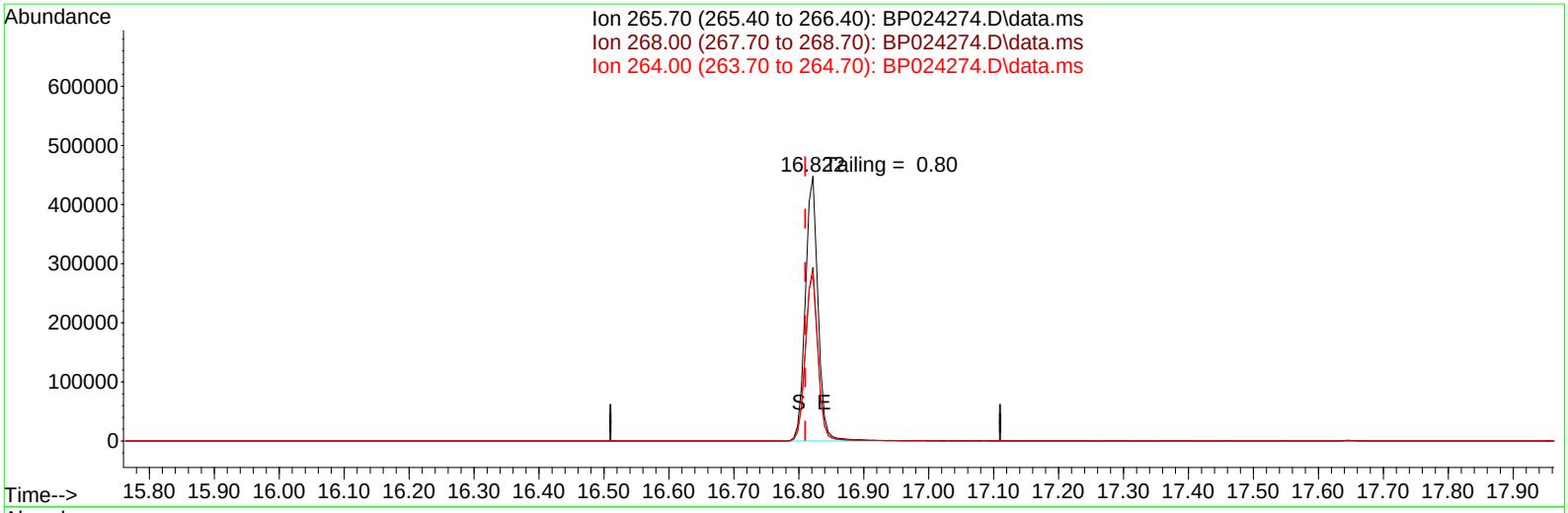
Instrument :
BNA_P
ClientSampleId :
DFTPP

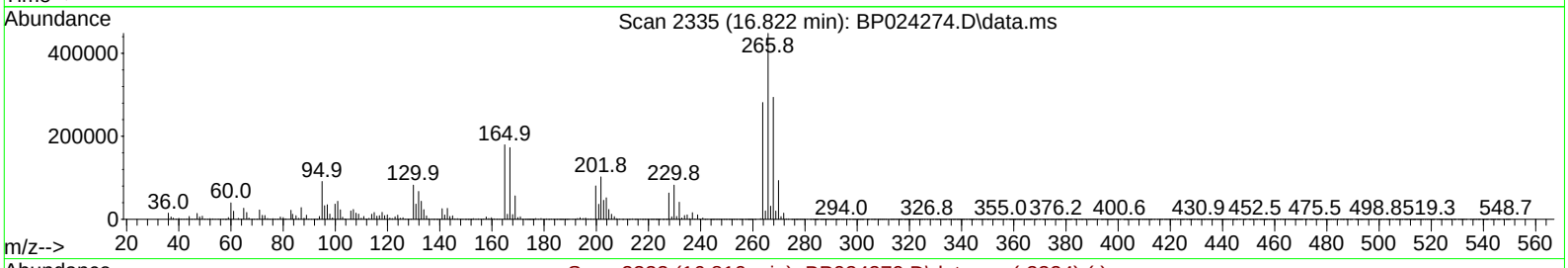
Sample Results: **BP024274.D**

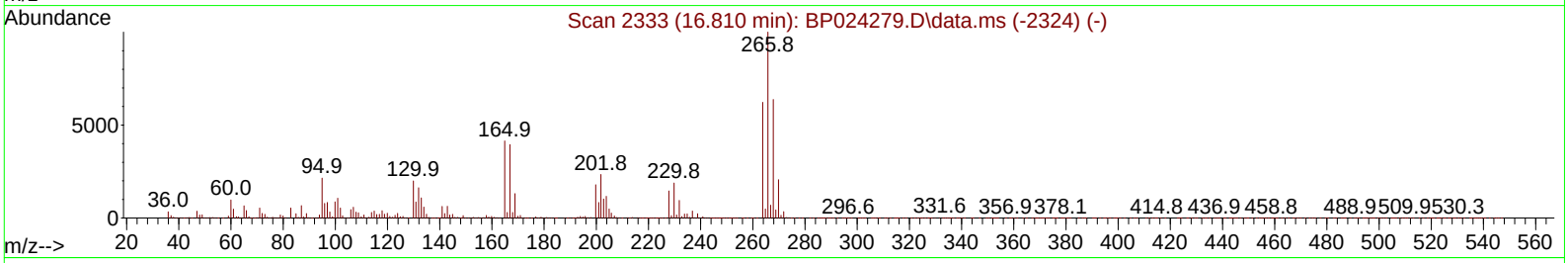
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration







TIC: BP024274.D\data.ms

(70) Pentachlorophenol (C)

16.822min (+ 0.012) 3117222.42 ng

response 611847

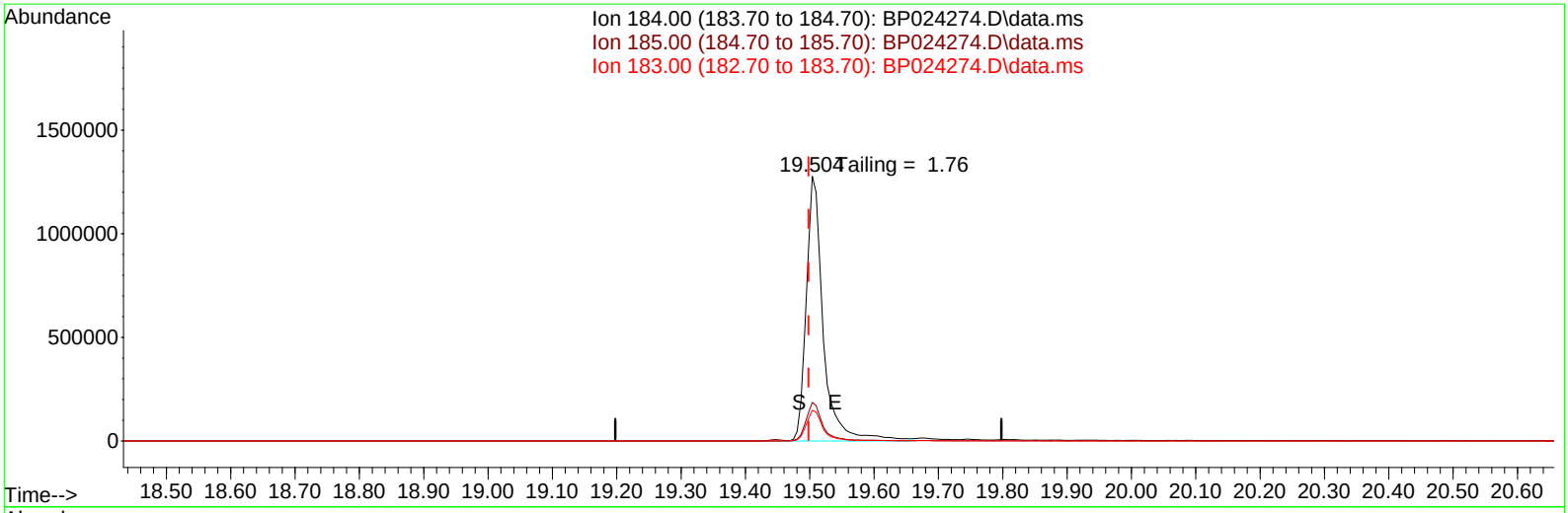
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	65.61
264.00	62.20	62.81
0.00	0.00	0.00

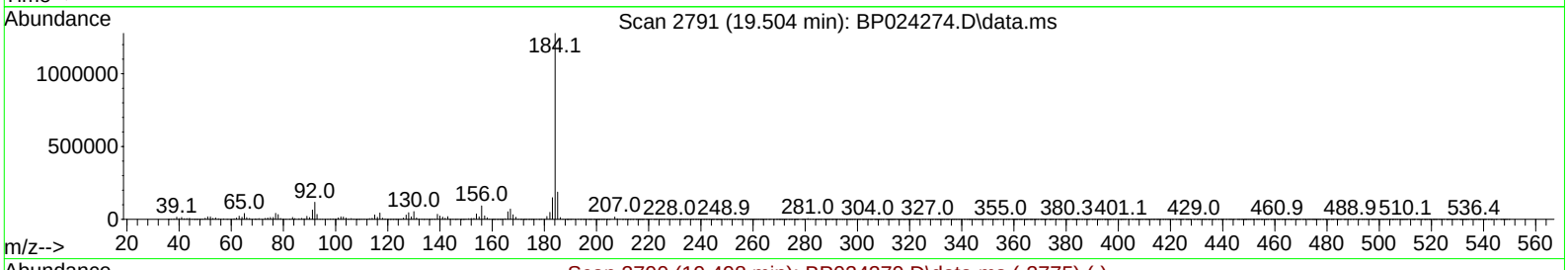
Sample Results: **BP024274.D**

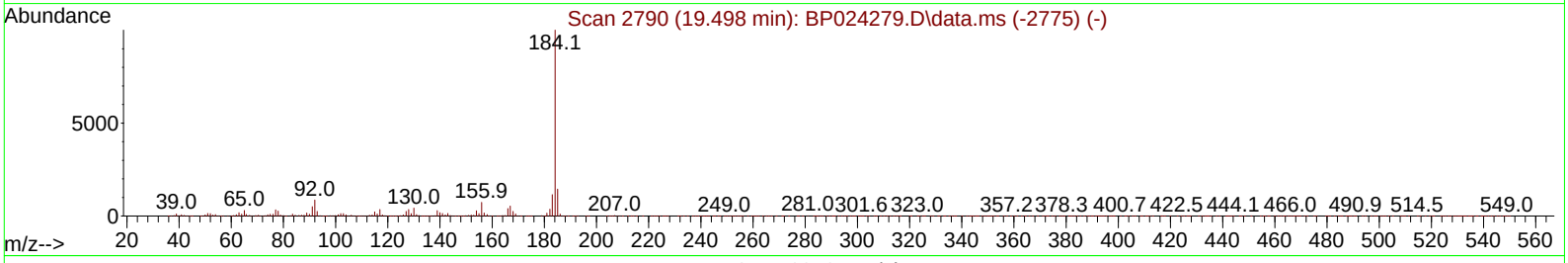
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041425\
Data File : BP024274.D
Acq On : 14 Apr 2025 10:25
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Apr 14 15:07:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 14 15:04:09 2025
Response via : Initial Calibration







TIC: BP024274.D\data.ms

(77) Benzidine

19.504min (+ 0.006) 7415471.13 ng

response 2354373

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.60
183.00	11.50	11.64
0.00	0.00	0.00

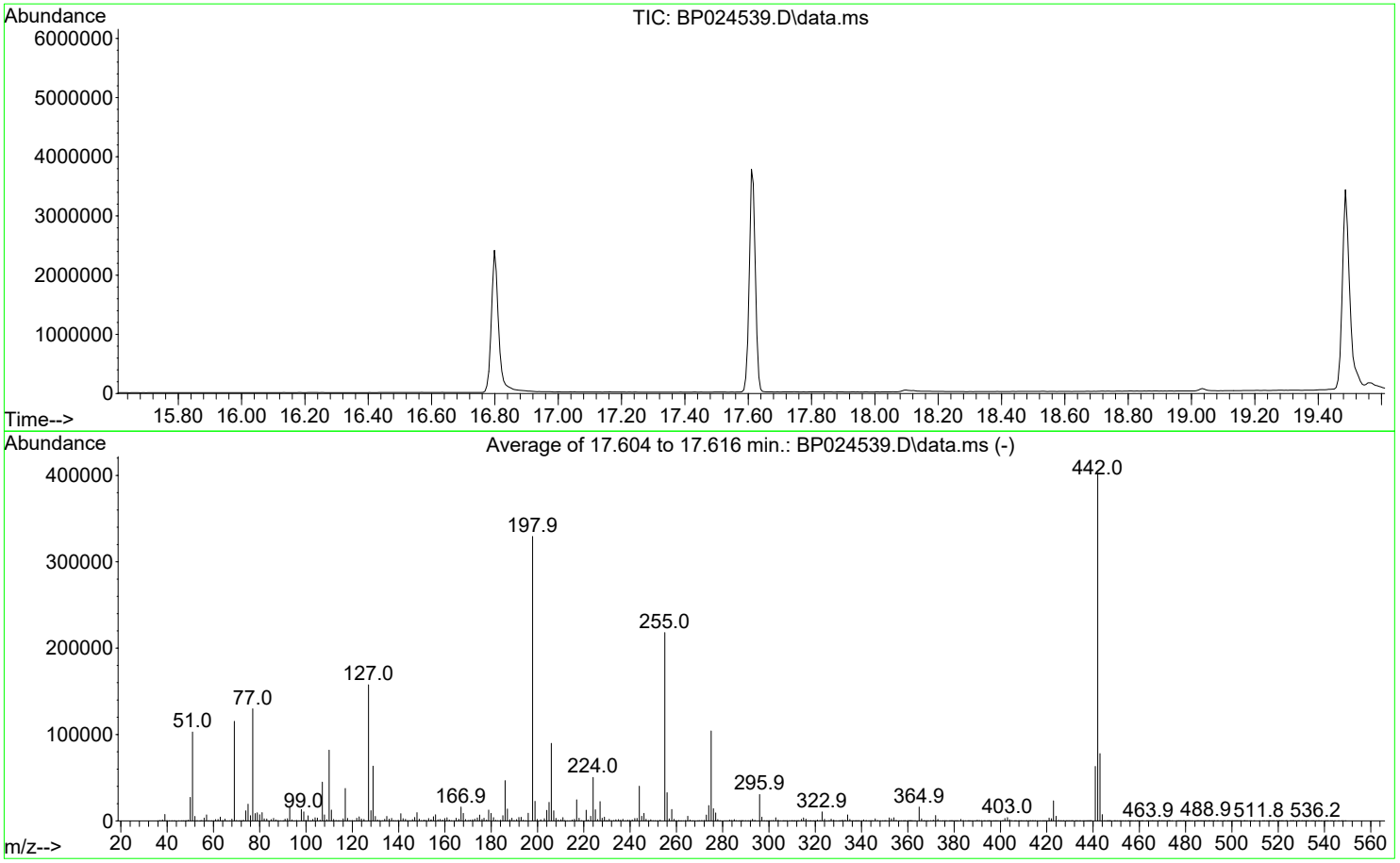
Sample Results: **BP024539.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Apr 18 12:04:48 2025



AutoFind: Scans 2468, 2469, 2470; Background Corrected with Scan 2457

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.3	102943	PASS
68	69	0.00	2	1.8	2073	PASS
69	198	0.00	100	35.0	115286	PASS
70	69	0.00	2	0.5	578	PASS
127	198	10	80	47.9	157656	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	329357	PASS
199	198	5	9	6.9	22794	PASS
275	198	10	60	31.6	104219	PASS
365	198	1	100	4.9	16170	PASS
441	198	0.01	100	19.1	63029	PASS
442	442	100	100	100.0	401749	PASS
443	442	15	24	19.4	77992	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/6/2025	BNA_P	BP024539.D
Compound Name	**Response**	**Retention Time**
DDT	1350082	20.769
DDD	38430	20.316
DDE	0	19.775
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
38430	1388512	2.77

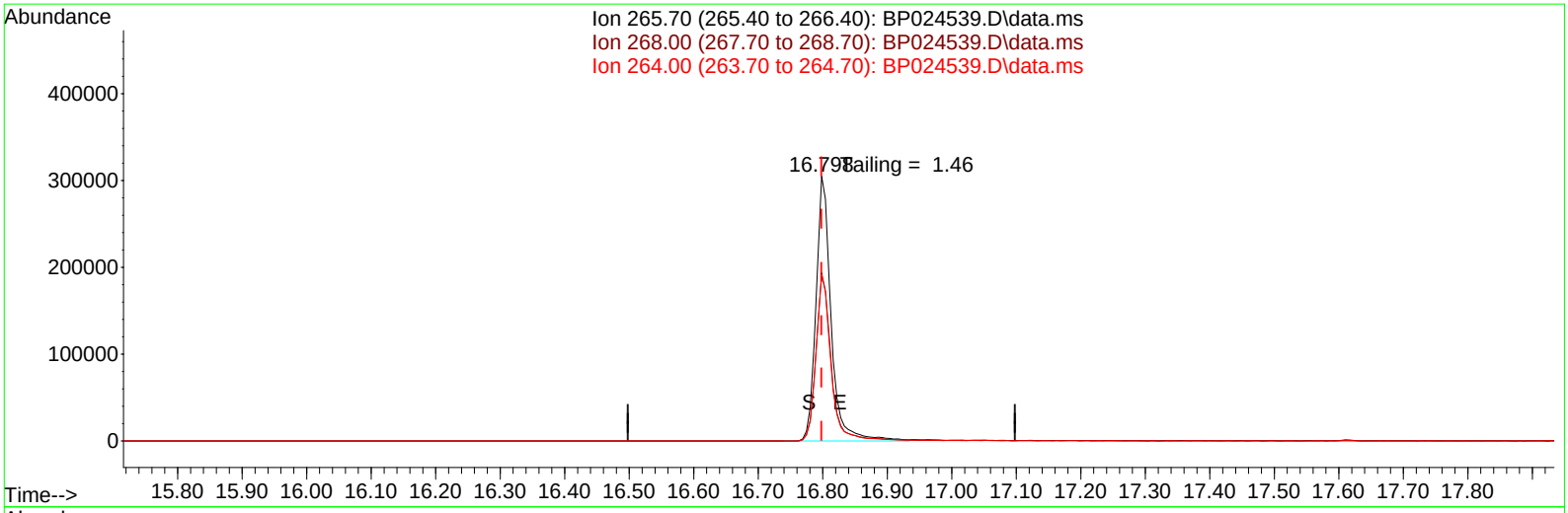
Instrument :
BNA_P
ClientSampleId :
DFTPP

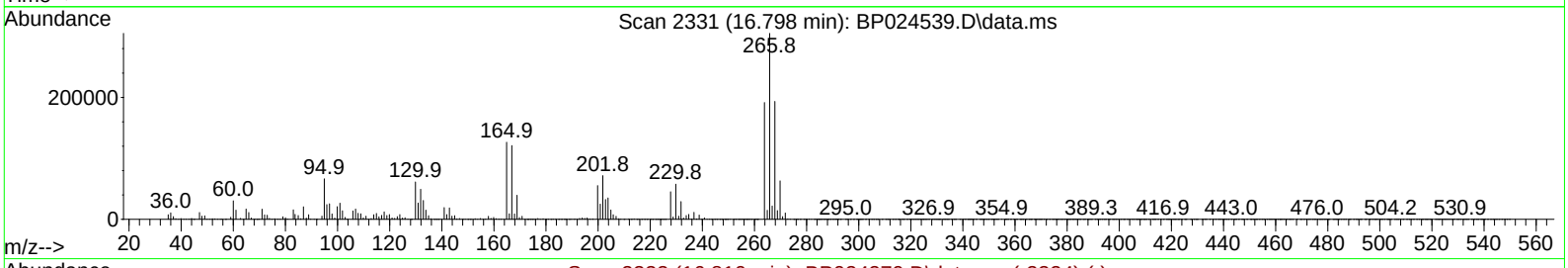
Sample Results: **BP024539.D**

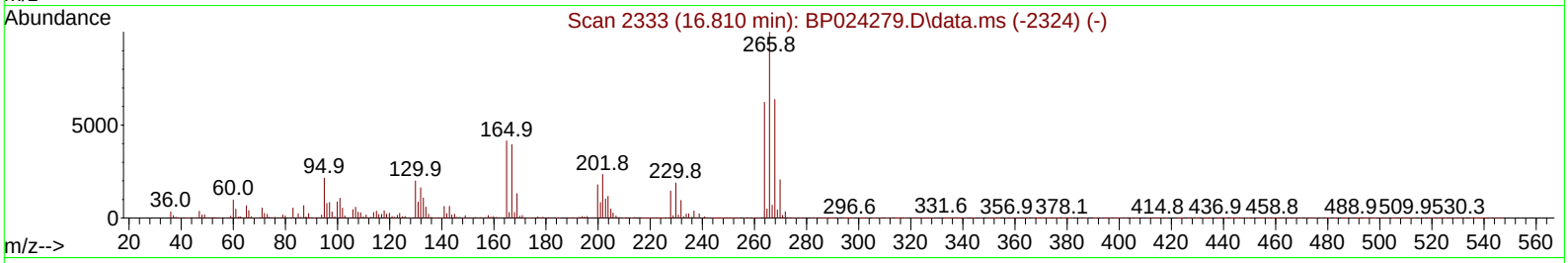
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024539.D\data.ms

(70) Pentachlorophenol (C)

16.798min (+ 0.000) 36682.01 ng

response 497194

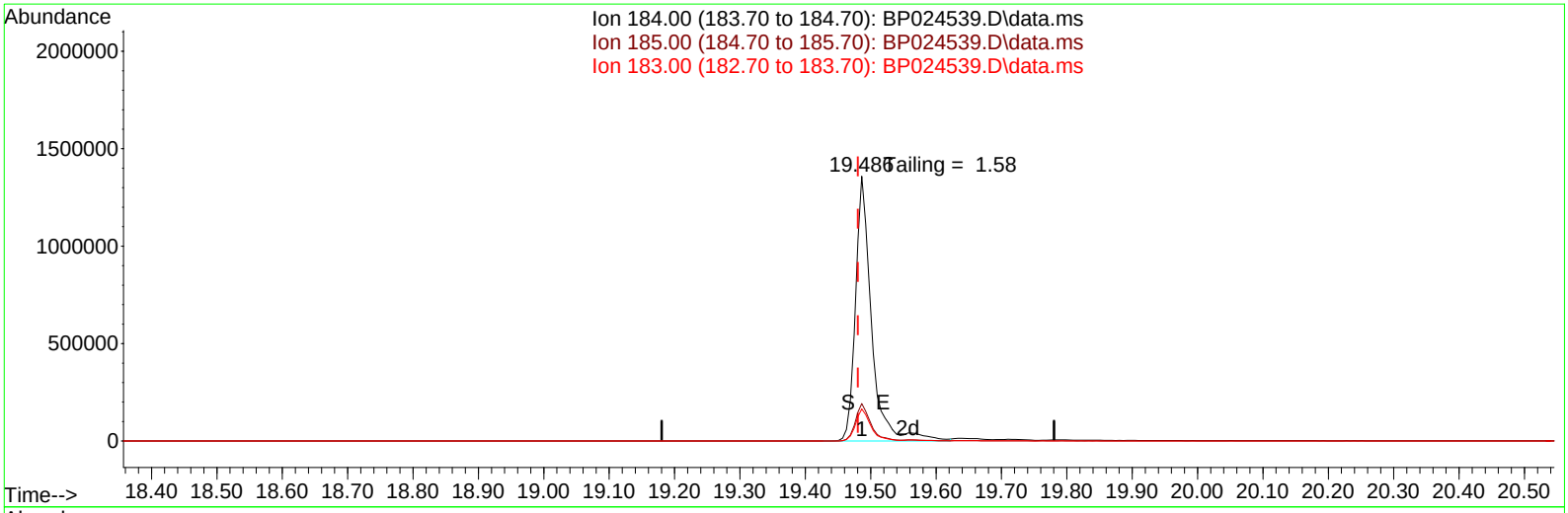
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.80	63.43
264.00	62.20	62.84
0.00	0.00	0.00

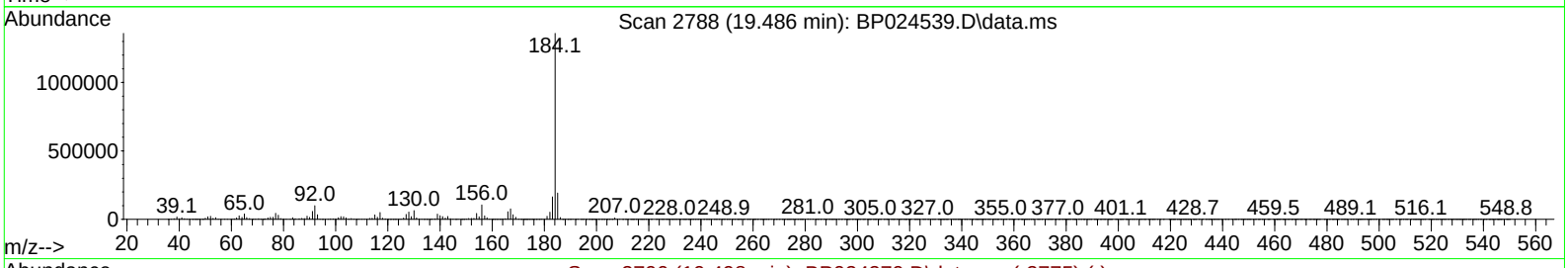
Sample Results: **BP024539.D**

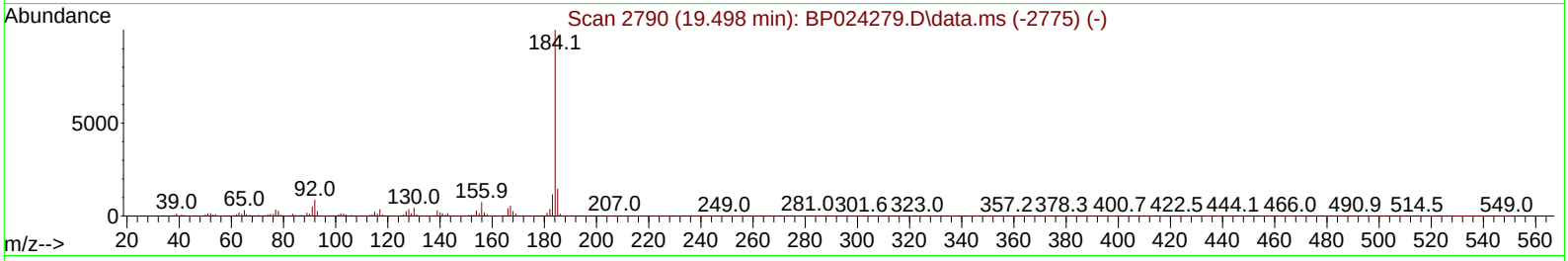
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024539.D
Acq On : 06 May 2025 09:37
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 06 13:41:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration







TIC: BP024539.D\data.ms

(77) Benzidine

19.486min (+ 0.006) 48697.69 ng

response 2219755

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.17
183.00	11.50	12.11
0.00	0.00	0.00

Raw Data: **BM050130.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BL	SDG No.:	Q1956
Lab Sample ID:	PB167879BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050130.D	1	05/06/25 09:25	05/07/25 10:35	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	330	U	160	330	ug/Kg
108-95-2	Phenol	170	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	170	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	170	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	37.5	170	ug/Kg
98-86-2	Acetophenone	170	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.9	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	170	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	170	U	18.3	170	ug/Kg
78-59-1	Isophorone	170	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	170	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	28.3	170	ug/Kg
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	170	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	25.3	170	ug/Kg
105-60-2	Caprolactam	330	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	170	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	170	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	170	U	27.1	170	ug/Kg

Raw Data: **BM050130.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BL	SDG No.:	Q1956
Lab Sample ID:	PB167879BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050130.D	1	05/06/25 09:25	05/07/25 10:35	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	170	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	110	330	ug/Kg
132-64-9	Dibenzofuran	170	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	170	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	26.7	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	170	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	170	U	25.3	170	ug/Kg
1912-24-9	Atrazine	170	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	330	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
86-74-8	Carbazole	170	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	19.0	170	ug/Kg

Raw Data: **BM050130.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BL	SDG No.:	Q1956
Lab Sample ID:	PB167879BL	Matrix:	SOIL
Analytical Method:	SW8270	% 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
BM050130.D	1	05/06/25 09:25	05/07/25 10:35	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	170	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	128		18 - 112	86%	SPK: 150
13127-88-3	Phenol-d6	123		15 - 107	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.5		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	127		10 - 116	85%	SPK: 150
1718-51-0	Terphenyl-d14	89.9		10 - 105	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	267000	7.745			
1146-65-2	Naphthalene-d8	934000	10.539			
15067-26-2	Acenaphthene-d10	600000	14.392			
1517-22-2	Phenanthrene-d10	1150000	17.145			
1719-03-5	Chrysene-d12	917000	21.386			
1520-96-3	Perylene-d12	988000	24.38			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A		4.87	ug/Kg

Raw Data: **BM050130.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:	Bergen Point Fueling System			Date Received:	
Client Sample ID:	PB167879BL			SDG No.:	Q1956
Lab Sample ID:	PB167879BL			Matrix:	SOIL
Analytical Method:	SW8270			% 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
BM050130.D	1	05/06/25 09:25	05/07/25 10:35	PB167879

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\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Quant Time: May 07 11:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

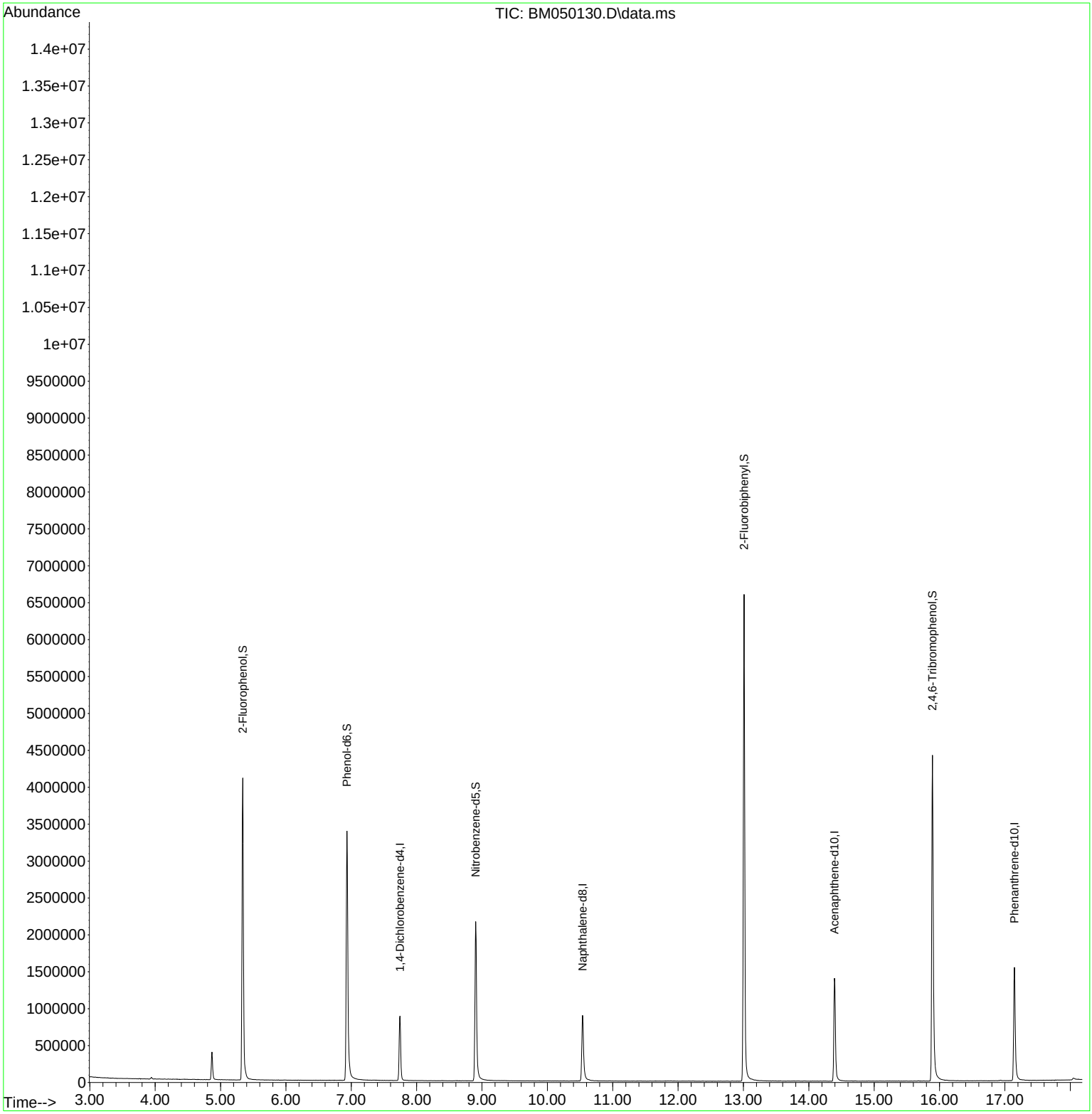
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	266570	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	933974	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	599928	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1149458	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	916515	20.000	ng	-0.01
86) Perylene-d12	24.380	264	987965	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1955505	128.455	ng	-0.02
7) Phenol-d6	6.934	99	2349152	122.776	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1428667	75.376	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1127339	127.085	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3828157	75.487	ng	-0.02
79) Terphenyl-d14	19.768	244	5570275	89.934	ng	-0.01
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

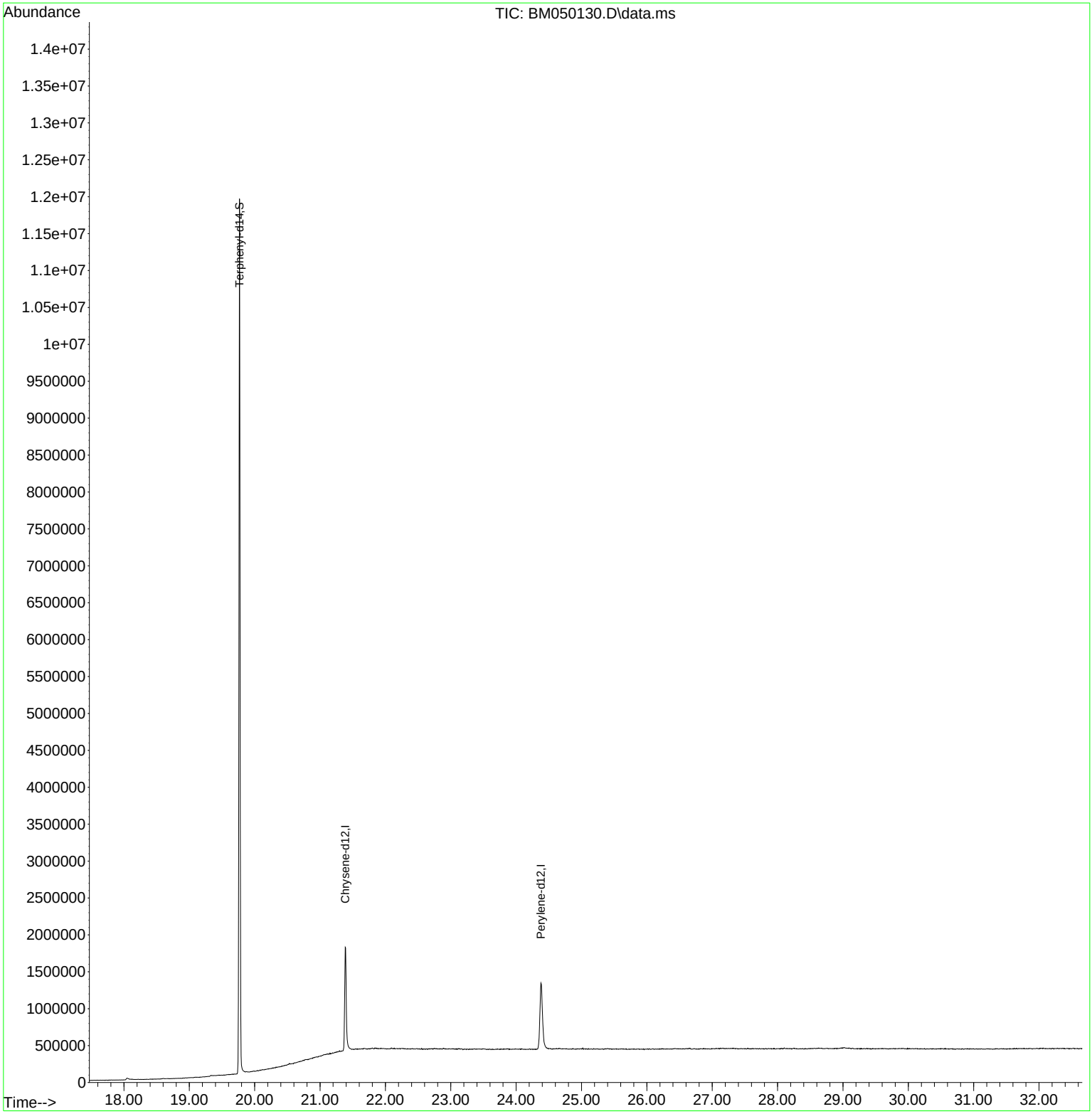
Quant Time: May 07 11:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

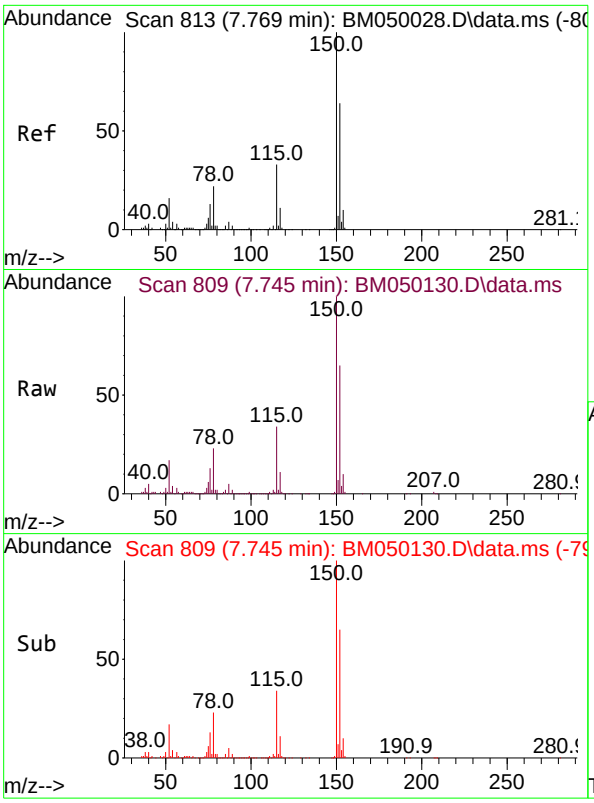


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Quant Time: May 07 11:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



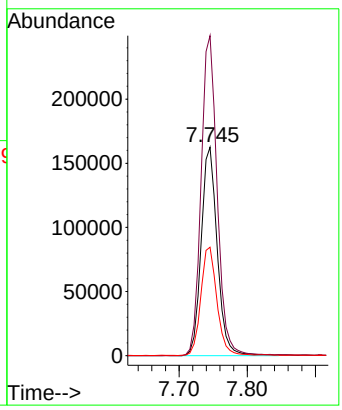


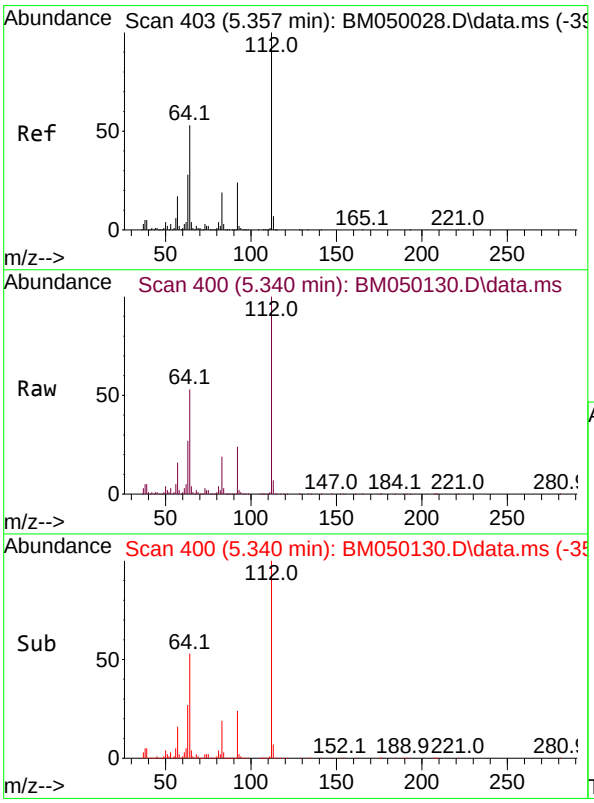
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:152 Resp: 266570

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.1	186.1
115	52.0	41.2	61.8

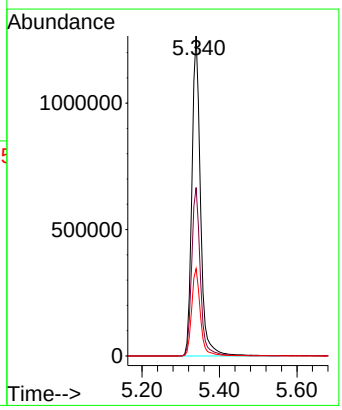


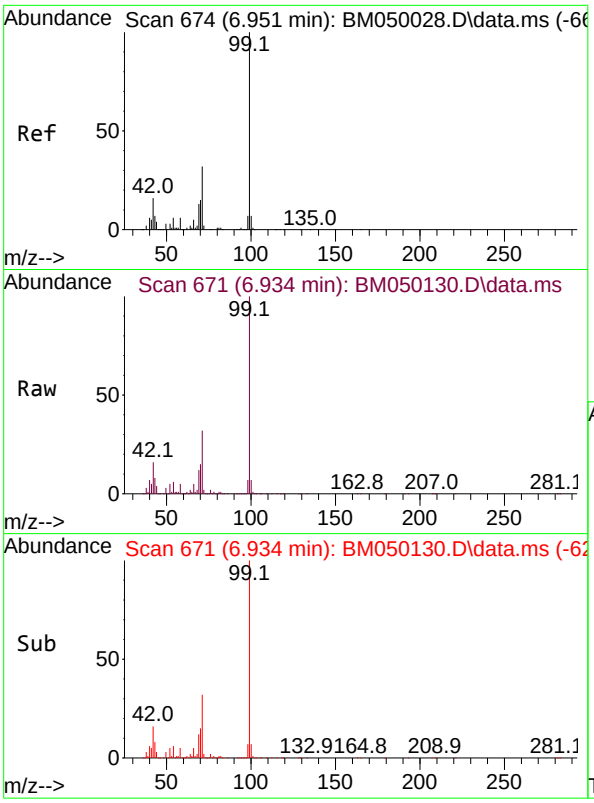


#5
2-Fluorophenol
Concen: 128.455 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:112 Resp: 1955505

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	64.0
63	27.3	22.2	33.4



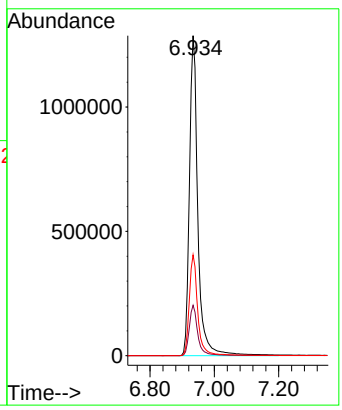


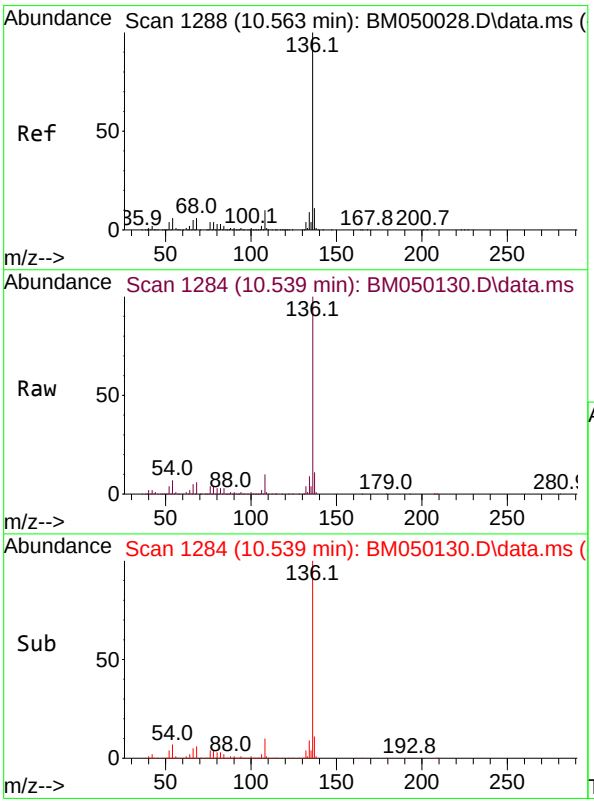
#7
Phenol-d6
Concen: 122.776 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion: 99 Resp: 2349152

Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.0	19.4
71	31.5	25.6	38.4

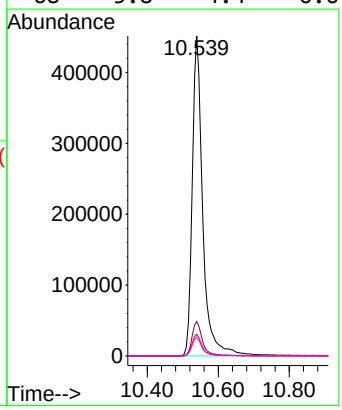


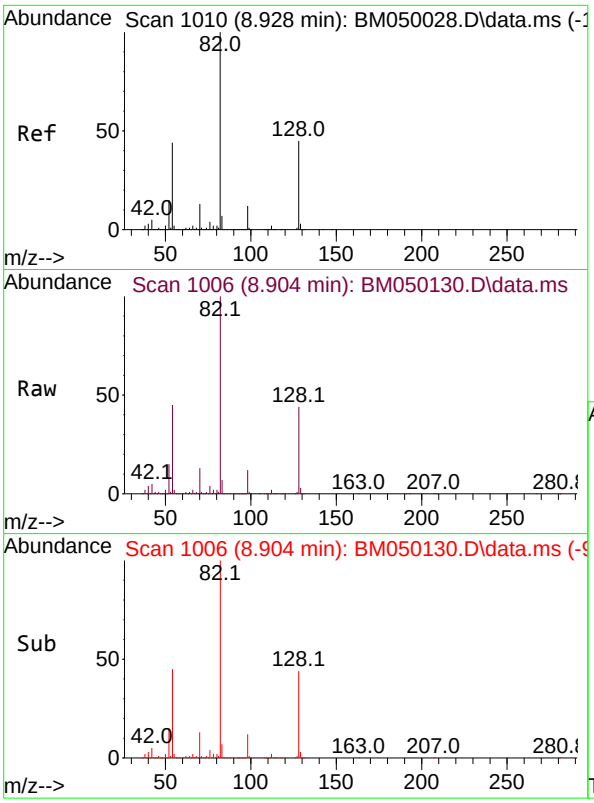


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:136 Resp: 933974

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	5.1	7.7
68	5.8	4.4	6.6



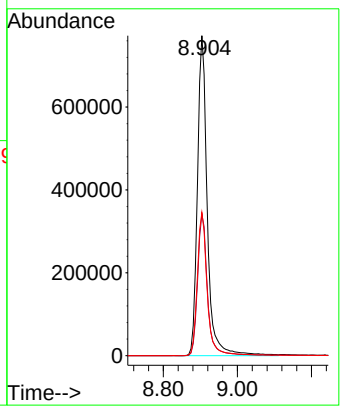


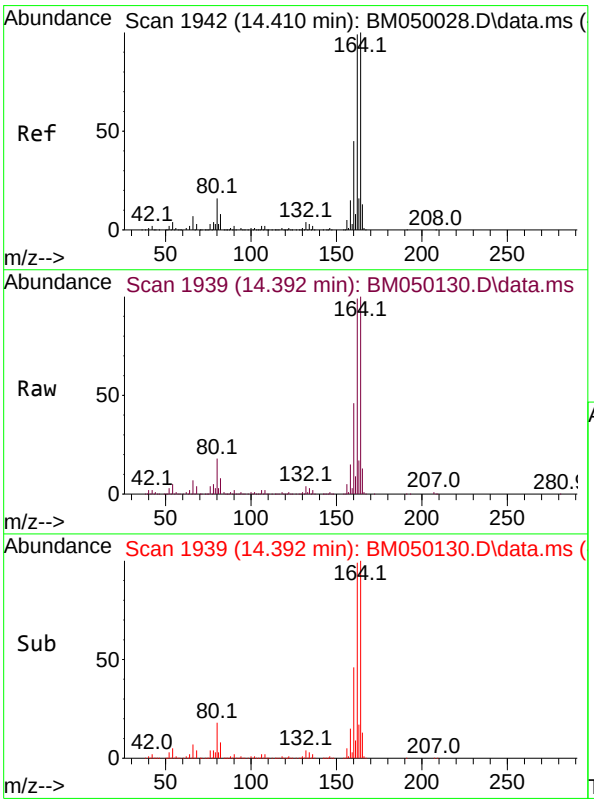
#23
Nitrobenzene-d5
Concen: 75.376 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion: 82 Resp: 1428667

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	44.7	35.4	53.2

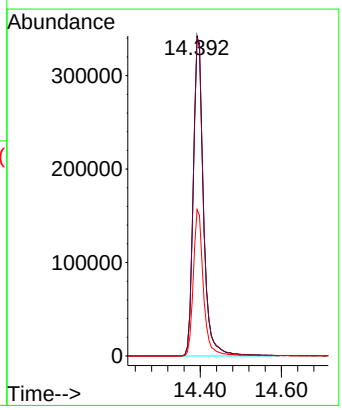


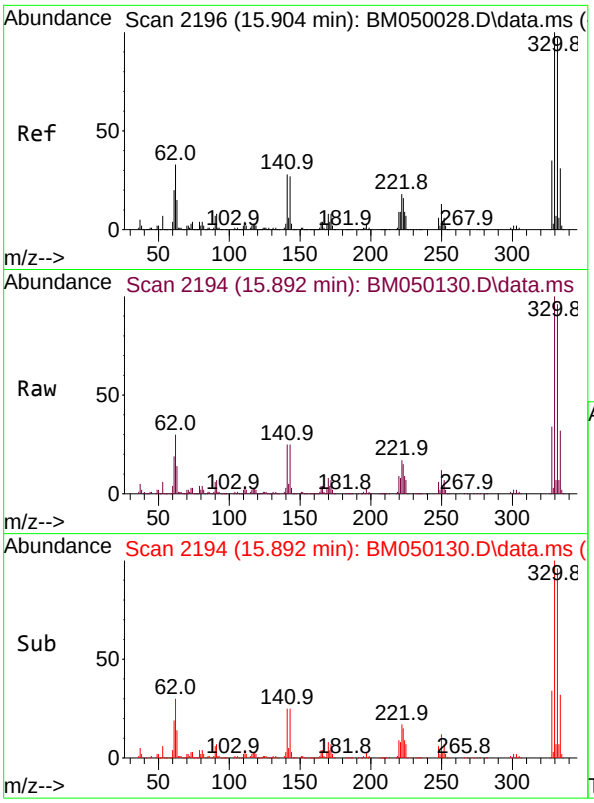


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:164 Resp: 599928

Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.4	119.0
160	45.7	36.2	54.4



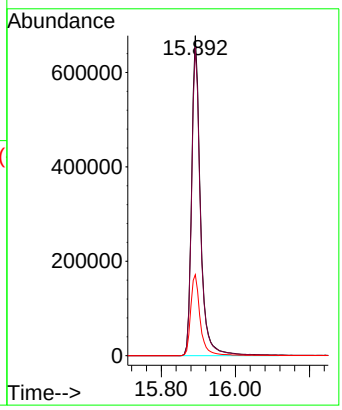


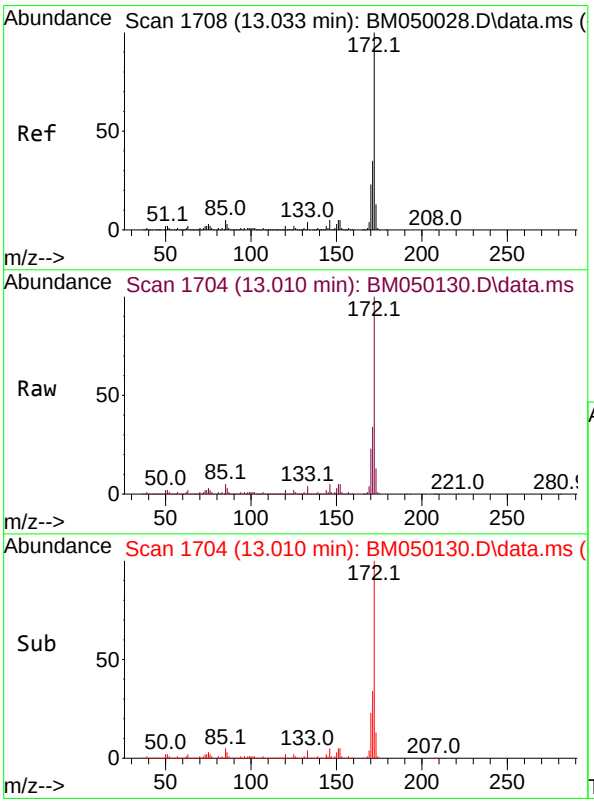
#42
2,4,6-Tribromophenol
Concen: 127.085 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:330 Resp: 1127339

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	27.3	22.5	33.7

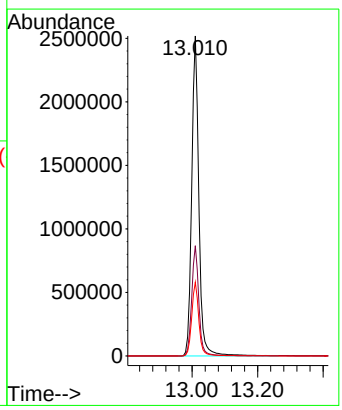


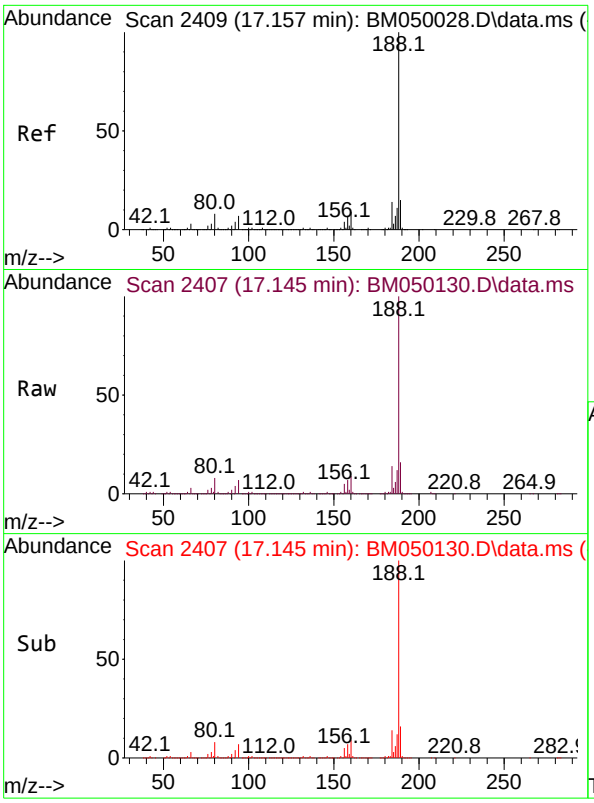


#45
2-Fluorobiphenyl
Concen: 75.487 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:172 Resp: 3828157

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.1	18.6	28.0



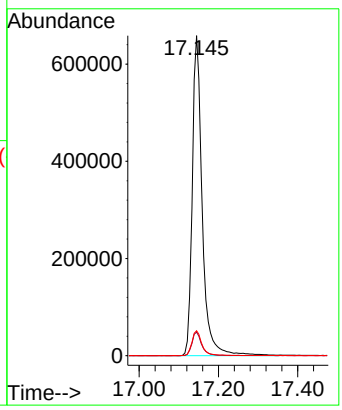


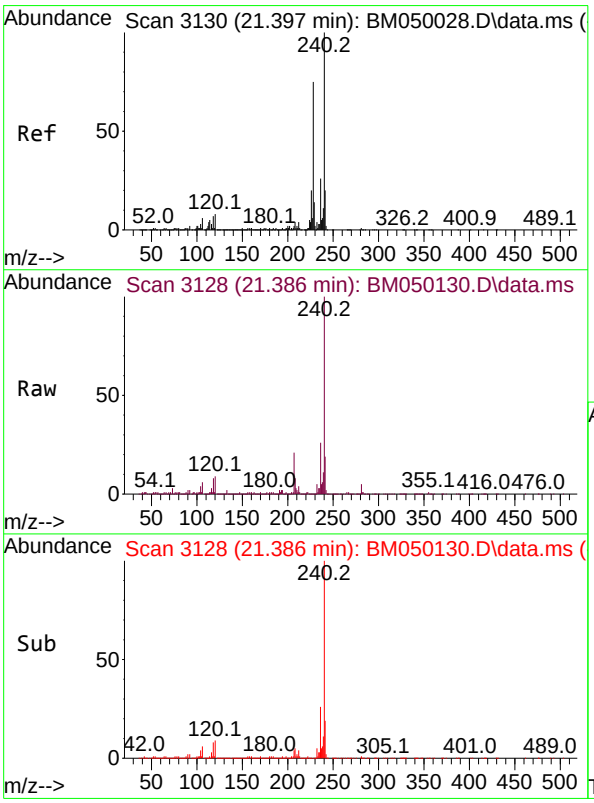
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:188 Resp: 1149458

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	7.8	6.2	9.4

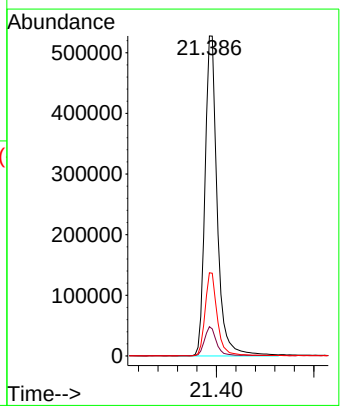


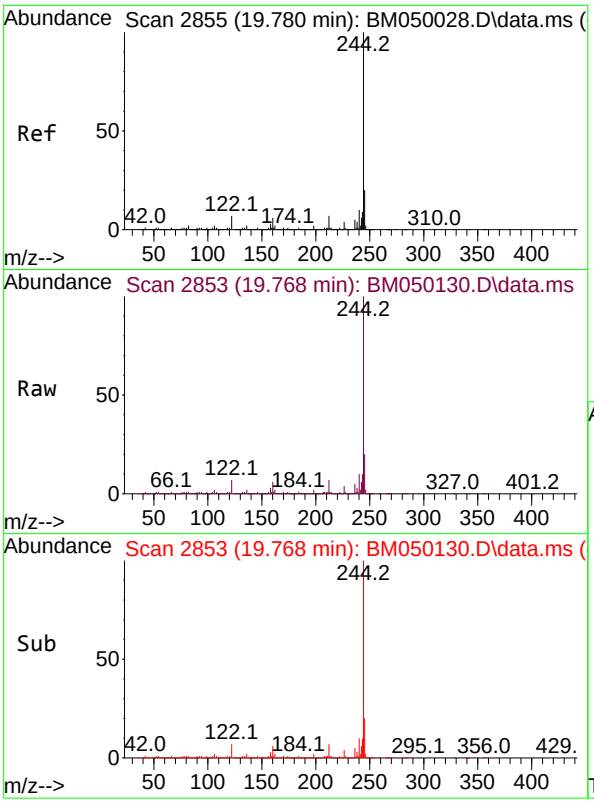


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:240 Resp: 916515

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.5	9.7
236	26.0	20.9	31.3



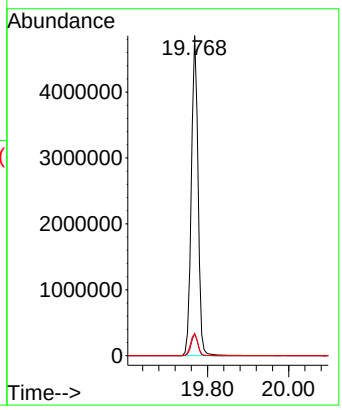


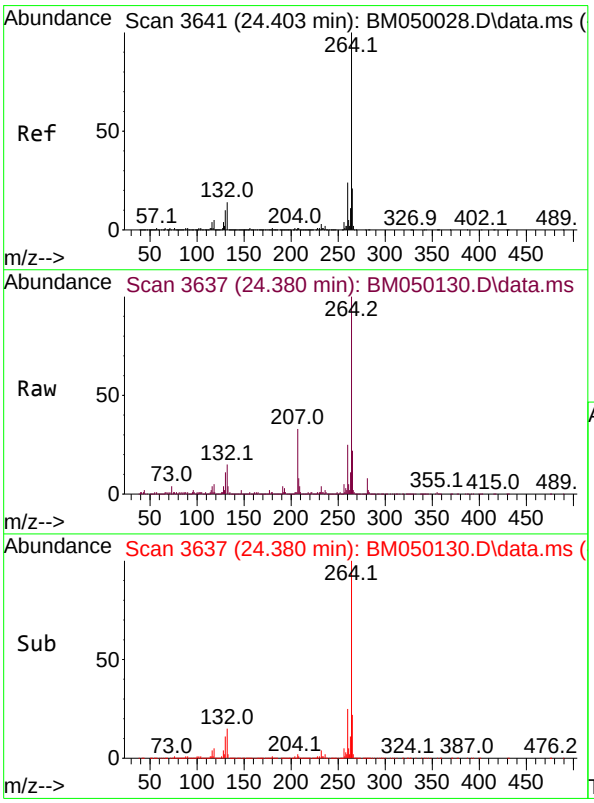
#79
Terphenyl-d14
Concen: 89.934 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Instrument :
BNA_M
ClientSampleId :
PB167879BL

Tgt Ion:244 Resp: 5570275

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	6.9	5.6	8.4

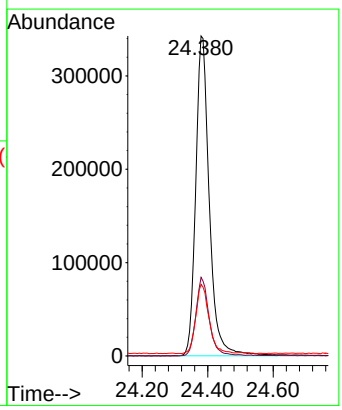




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050130.D
Acq: 07 May 2025 10:35

Tgt Ion:264 Resp: 987965

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.4	17.0	25.4



Sample Results: **BM050130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

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

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

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

Signal : TIC: BM050130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	315	320	330	rBV	373459	527979	3.81%	0.852%
2	5.340	394	400	419	rBV	4089328	6316111	45.53%	10.188%
3	6.934	664	671	701	rBV	3377051	6237514	44.97%	10.061%
4	7.745	802	809	820	rBV	874948	1439190	10.38%	2.321%
5	8.904	996	1006	1028	rBV	2157726	4007348	28.89%	6.464%
6	10.539	1277	1284	1308	rBV	888600	1816324	13.09%	2.930%
7	13.010	1695	1704	1722	rBV	6595319	10086042	72.71%	16.269%
8	14.392	1931	1939	1960	rBV	1394492	2454866	17.70%	3.960%
9	15.892	2187	2194	2226	rBV	4414469	7702434	55.53%	12.424%
10	17.145	2401	2407	2423	rBV2	1535807	2669905	19.25%	4.307%
11	19.768	2847	2853	2868	rBV	11853377	13871094	100.00%	22.375%
12	21.386	3123	3128	3145	rBV	1395178	2446840	17.64%	3.947%
13	24.380	3630	3637	3654	rVB	882319	2418374	17.43%	3.901%

Sum of corrected areas: 61994021

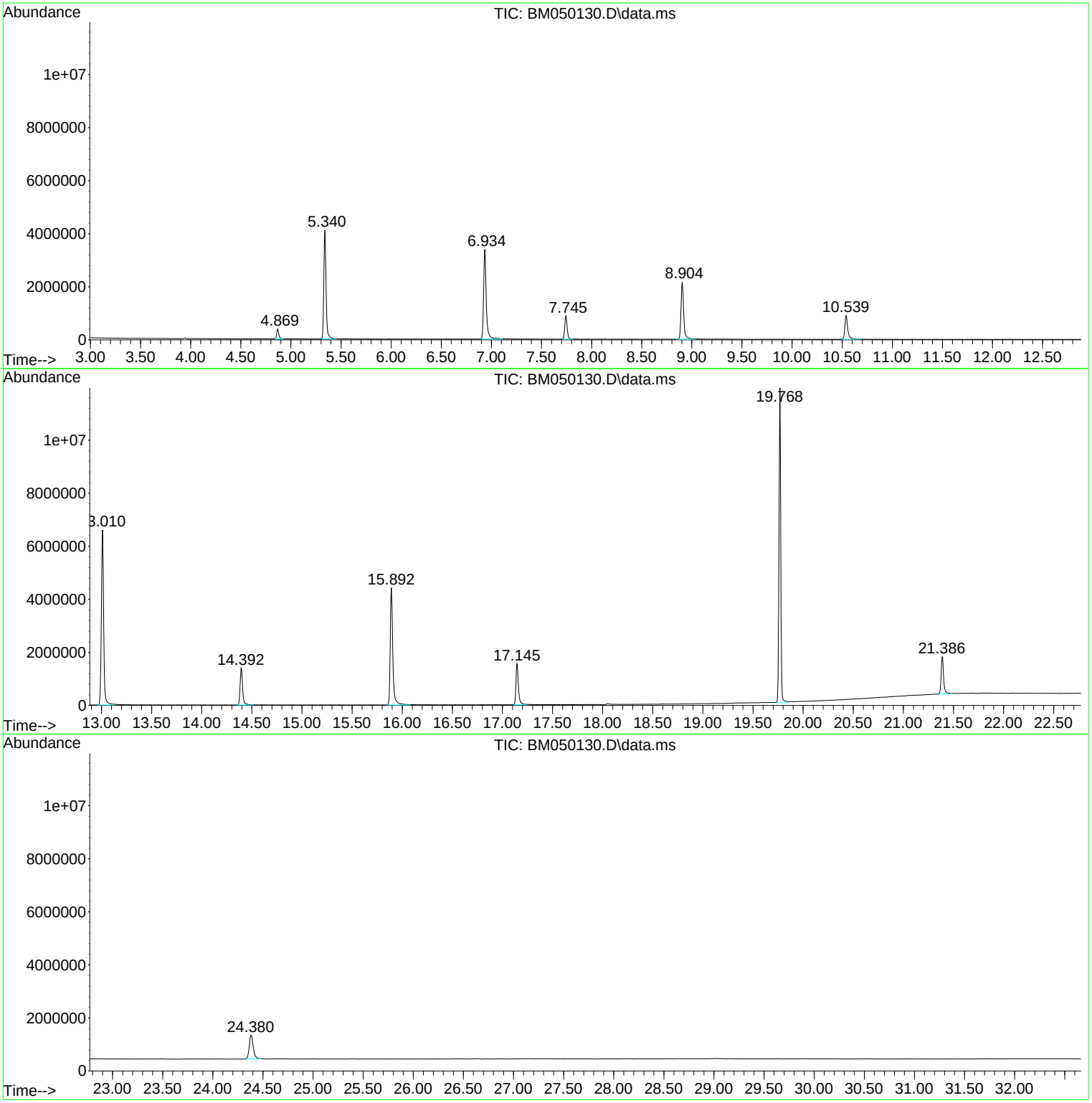
Sample Results: **BM050130.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

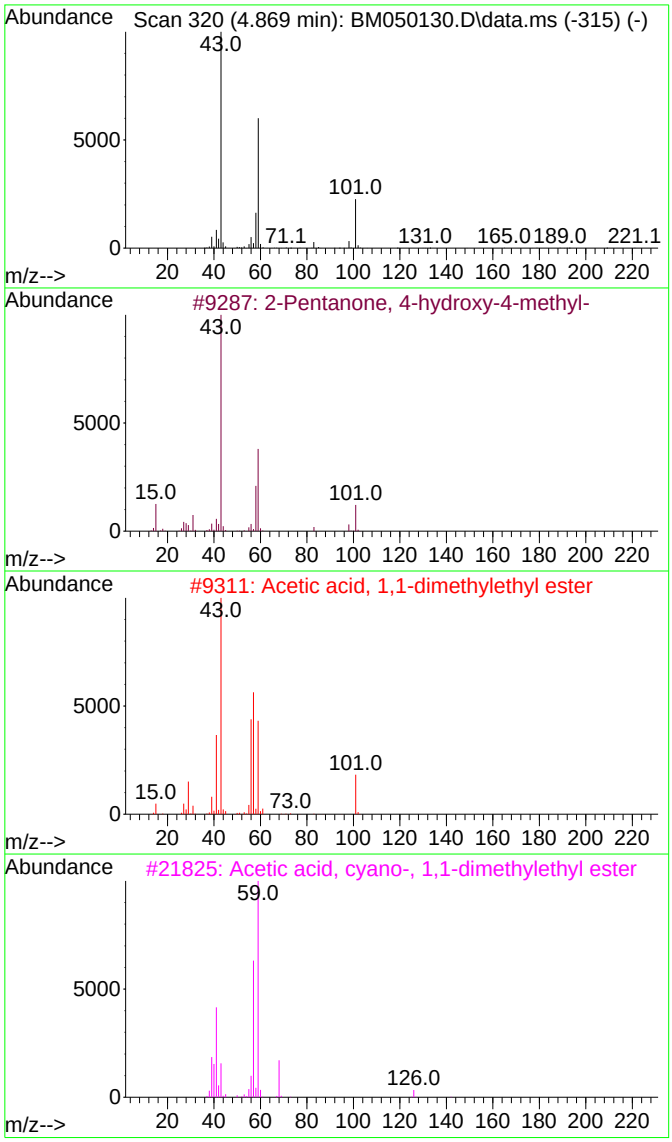
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

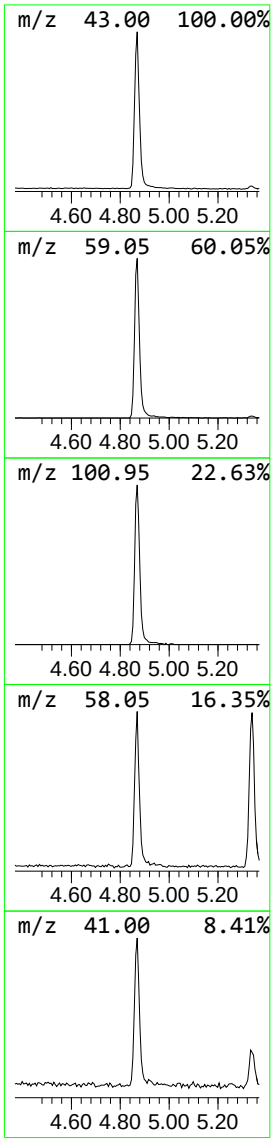
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	7.34 ng	527979	1,4-Dichlorobenzene-d4	7.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050130.D
Acq On : 07 May 2025 10:35
Operator : RC/JU
Sample : PB167879BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	7.3	ng	527979	1	7.745	1439190	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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1956
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	10.0	U	3.90	10.0	ug/L
108-95-2	Phenol	5.00	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.00	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	5.00	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	5.00	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.00	U	1.30	5.00	ug/L
98-86-2	Acetophenone	5.00	U	0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	10.0	U	1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	5.00	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	5.00	U	0.76	5.00	ug/L
78-59-1	Isophorone	5.00	U	0.75	5.00	ug/L
88-75-5	2-Nitrophenol	5.00	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	5.00	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.00	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	5.00	U	0.52	5.00	ug/L
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	5.00	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	5.00	U	0.54	5.00	ug/L
105-60-2	Caprolactam	10.0	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	5.00	U	0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	5.00	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	10.0	U	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.00	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	5.00	U	0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	5.00	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	5.00	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	5.00	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	5.00	U	0.61	5.00	ug/L

Raw Data: **BM050141.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1956
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	5.00	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	5.00	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	10.0	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	10.0	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	5.00	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	5.00	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	5.00	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.00	U	0.68	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	5.00	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.0	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	5.00	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	5.00	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	5.00	U	0.52	5.00	ug/L
1912-24-9	Atrazine	5.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	10.0	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
86-74-8	Carbazole	5.00	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	5.00	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	5.00	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	10.0	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.00	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	10.0	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L

Raw Data: **BM050141.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BL	SDG No.:	Q1956
Lab Sample ID:	PB167889BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.00	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	5.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.00	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	90%	SPK: 150
13127-88-3	Phenol-d6	128		10 - 134	85%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		49 - 133	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.6		52 - 132	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	92.2		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	285000	7.739			
1146-65-2	Naphthalene-d8	989000	10.539			
15067-26-2	Acenaphthene-d10	616000	14.392			
1517-22-2	Phenanthrene-d10	1140000	17.145			
1719-03-5	Chrysene-d12	926000	21.391			
1520-96-3	Perylene-d12	1010000	24.385			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.80	A		4.87	ug/L

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:	Bergen Point Fueling System			Date Received:	
Client Sample ID:	PB167889BL			SDG No.:	Q1956
Lab Sample ID:	PB167889BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	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 :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050141.D	1	05/07/25 08:53	05/08/25 11:21	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

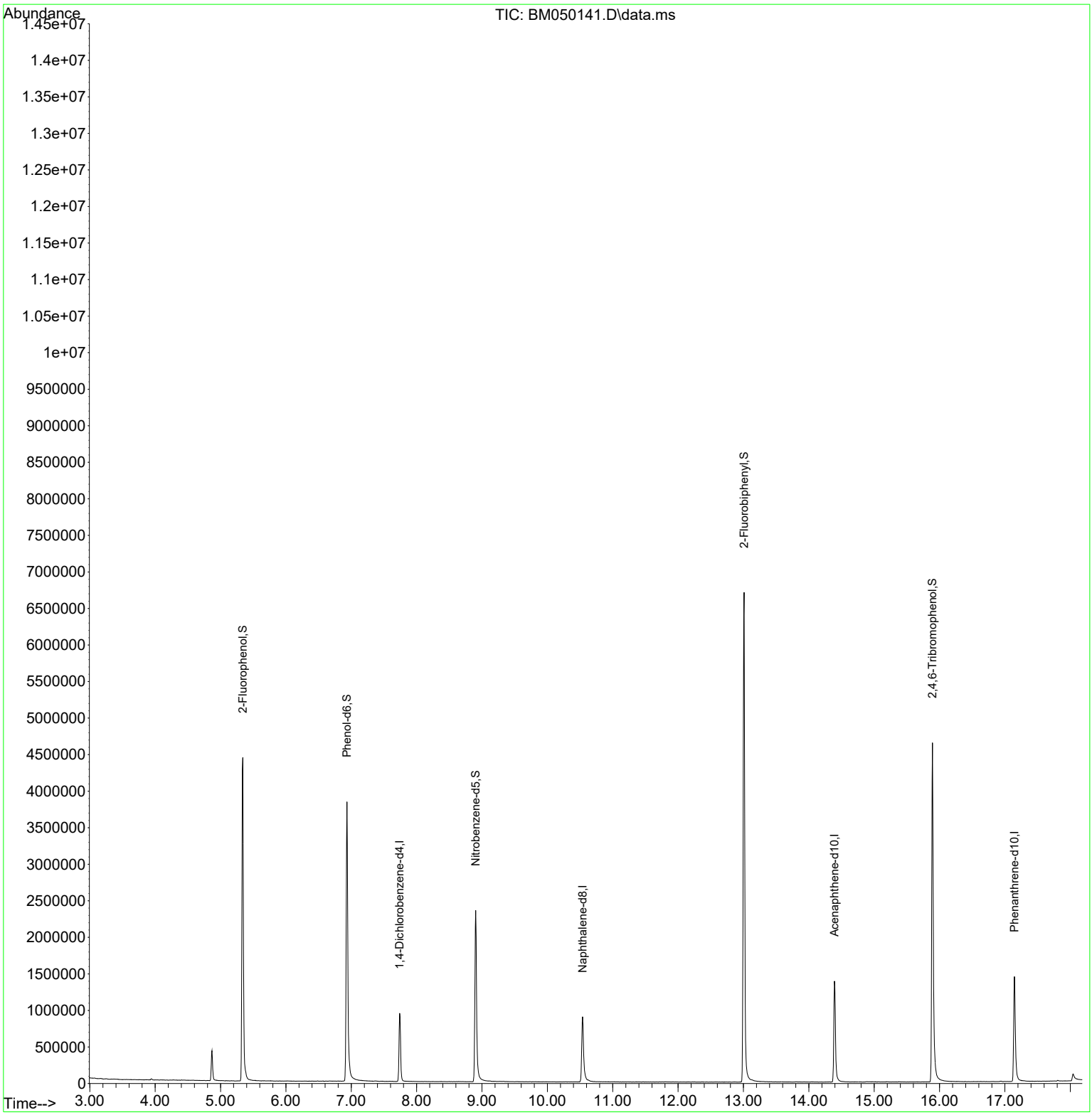
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	284899	20.000	ng	0.00
21) Naphthalene-d8	10.539	136	988666	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	615934	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1138365	20.000	ng	0.00
76) Chrysene-d12	21.391	240	926404	20.000	ng	0.00
86) Perylene-d12	24.385	264	1008661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	2187119	134.427	ng	0.00
7) Phenol-d6	6.934	99	2617121	127.981	ng	0.00
23) Nitrobenzene-d5	8.904	82	1582925	78.895	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1174696	128.983	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4198005	80.628	ng	0.00
79) Terphenyl-d14	19.768	244	5770748	92.176	ng	0.00
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

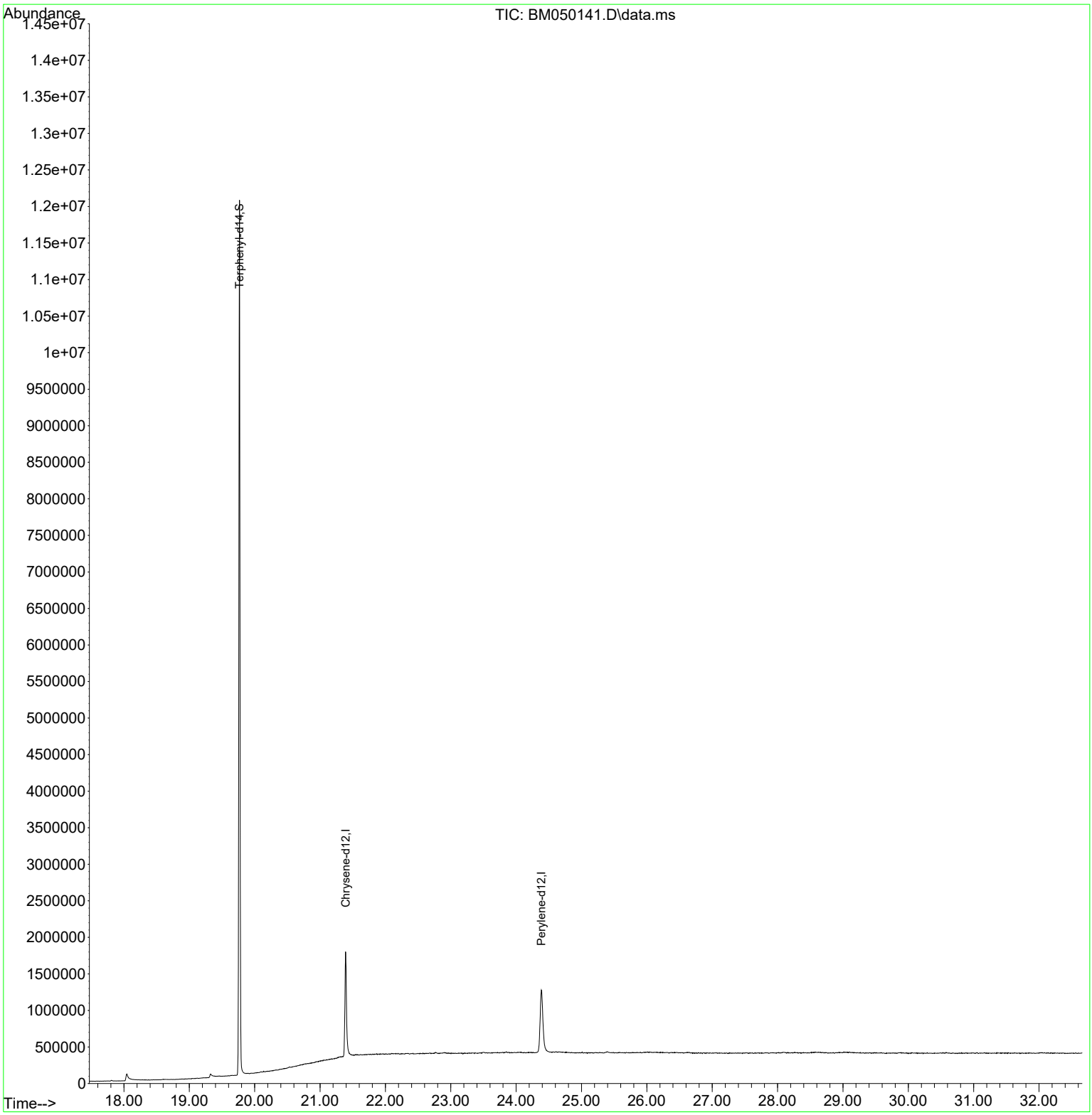
Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

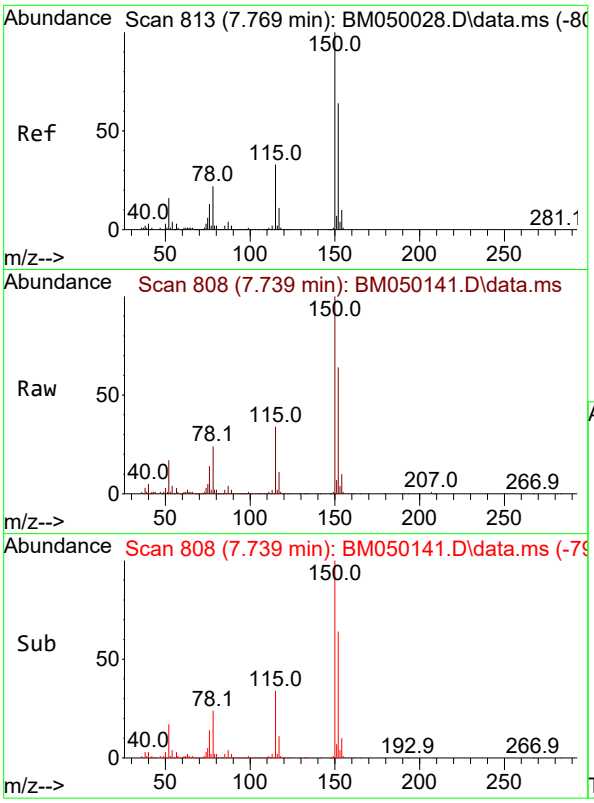


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Quant Time: May 08 12:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



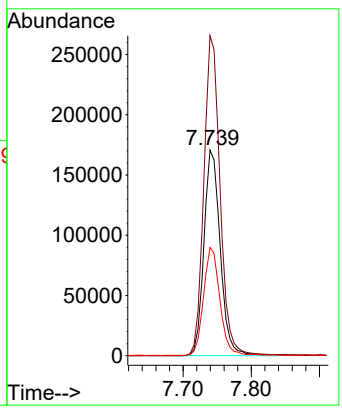


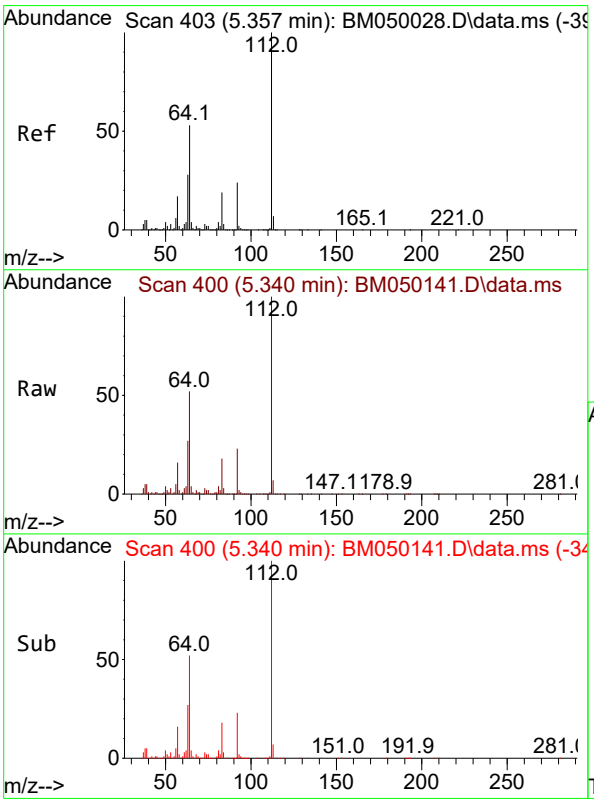
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.739 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion:152 Resp: 284899

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.1	186.1
115	52.6	41.2	61.8

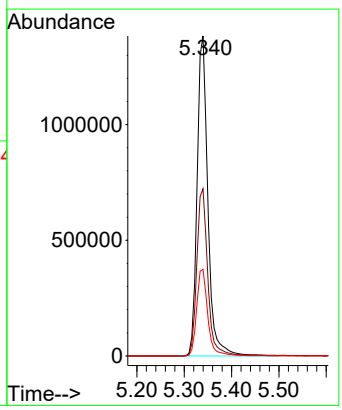


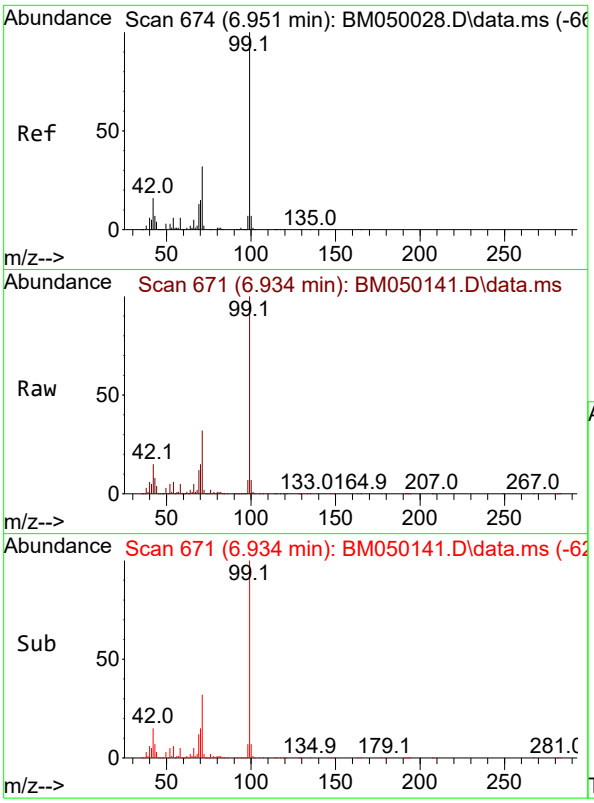


#5
2-Fluorophenol
Concen: 134.427 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:112 Resp: 2187119

Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.6	64.0
63	27.1	22.2	33.4



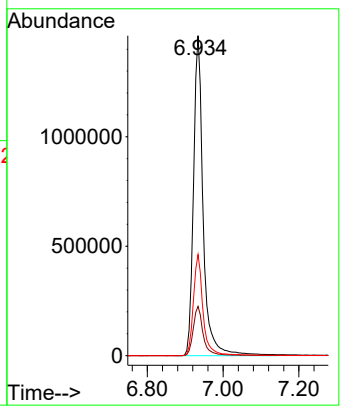


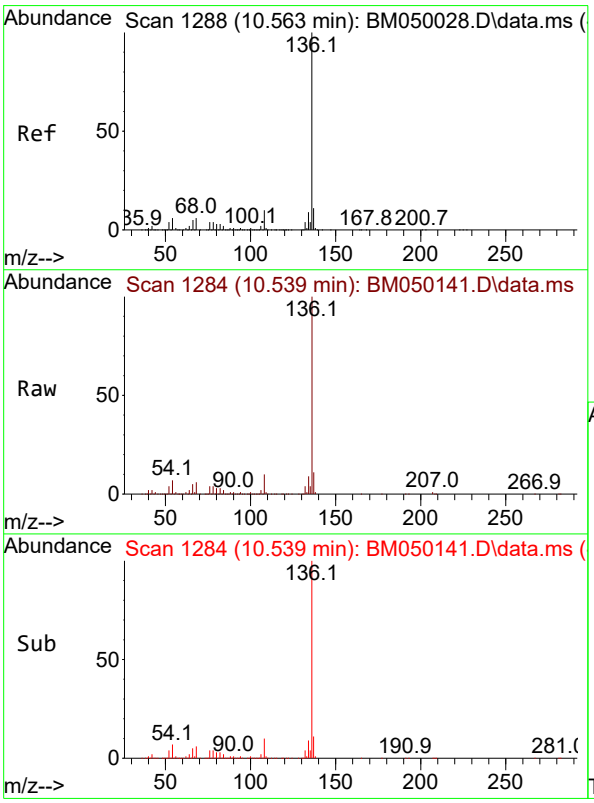
#7
Phenol-d6
Concen: 127.981 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion: 99 Resp: 2617121

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.0	19.4
71	31.6	25.6	38.4

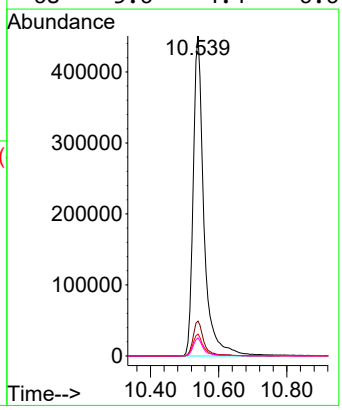


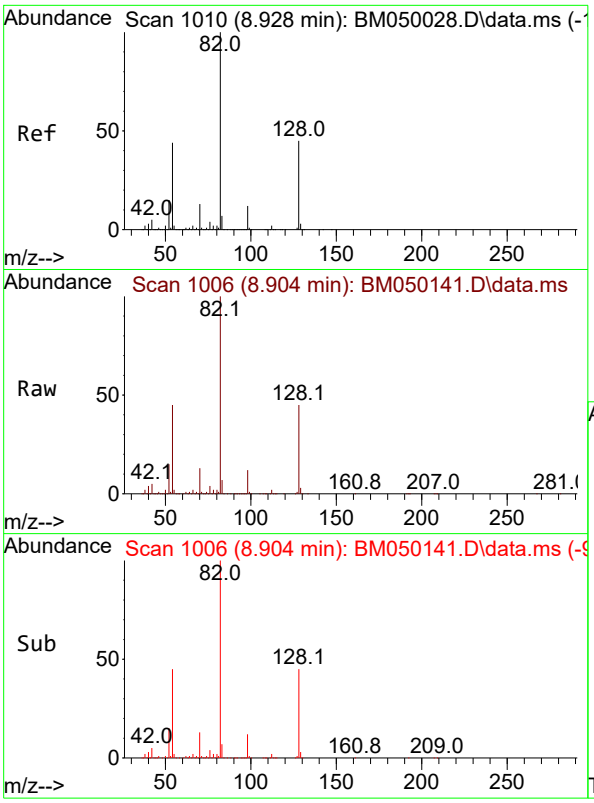


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:136 Resp: 988666

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	5.1	7.7
68	5.6	4.4	6.6



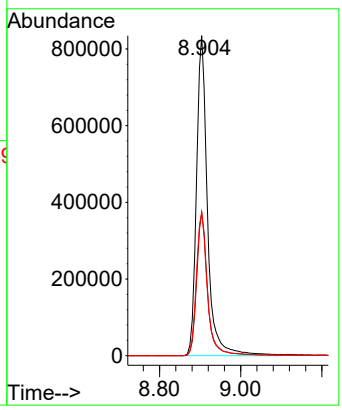


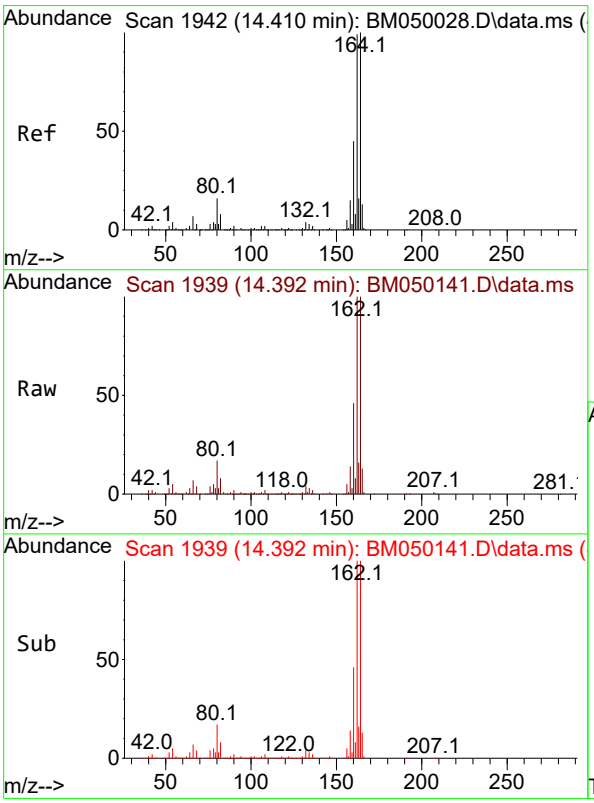
#23
Nitrobenzene-d5
Concen: 78.895 ng
RT: 8.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion: 82 Resp: 1582925

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	44.8	35.4	53.2

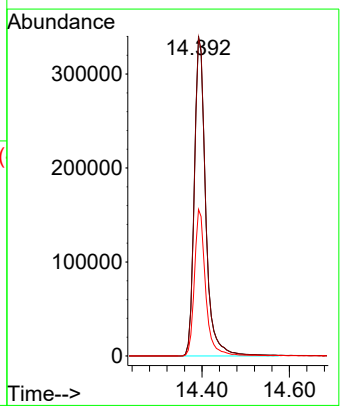


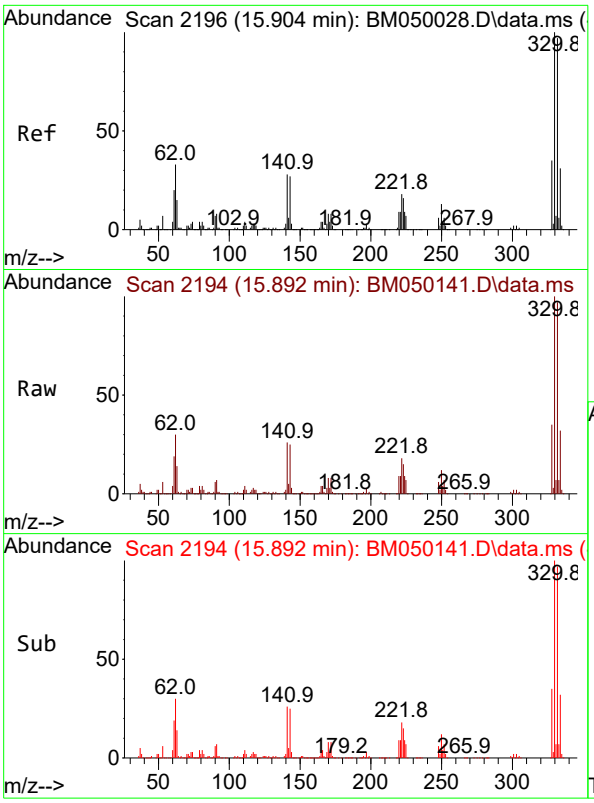


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:164 Resp: 615934

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.4	119.0
160	45.8	36.2	54.4



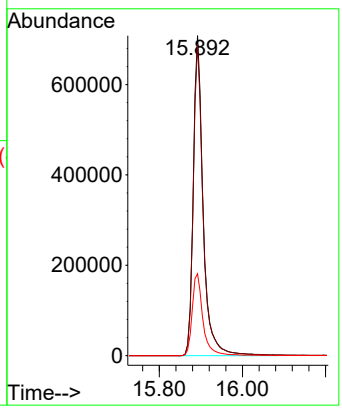


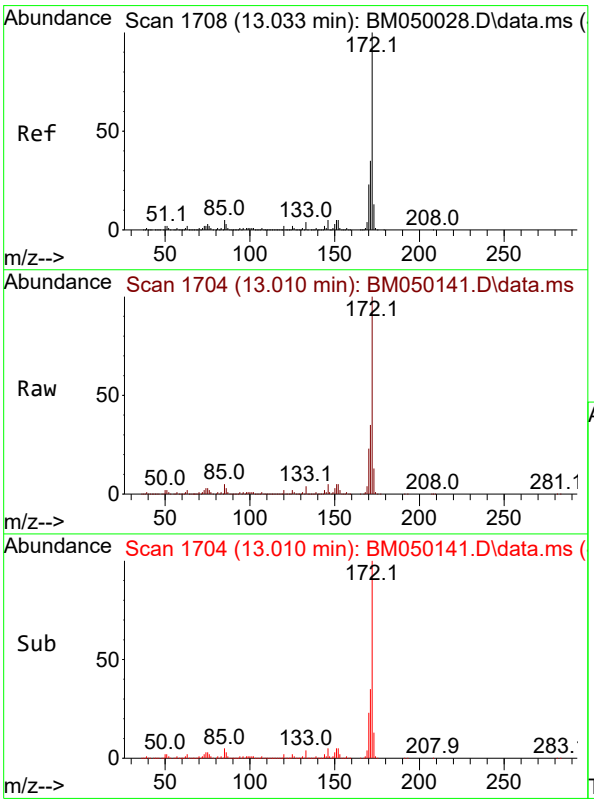
#42
2,4,6-Tribromophenol
Concen: 128.983 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion:330 Resp: 1174696

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	28.1	22.5	33.7

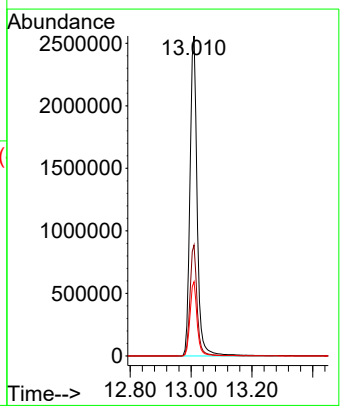


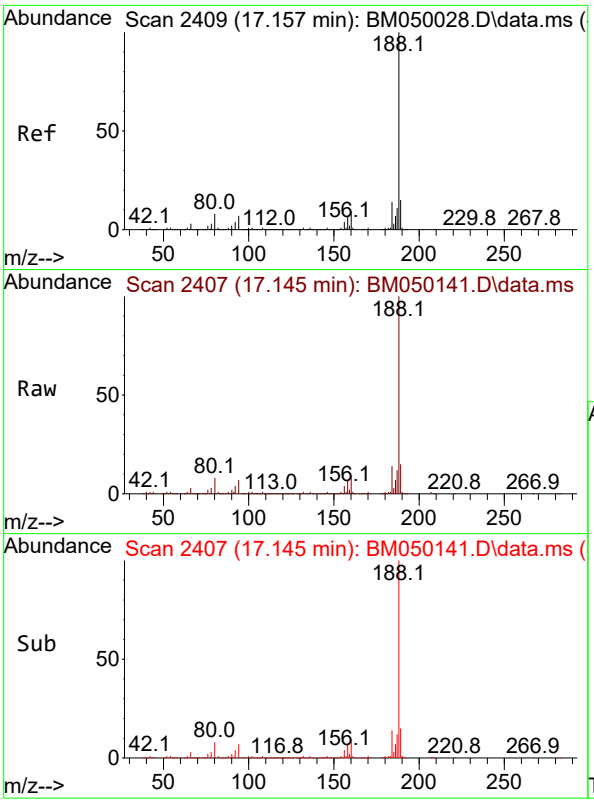


#45
2-Fluorobiphenyl
Concen: 80.628 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:172 Resp: 4198005

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.2	18.6	28.0



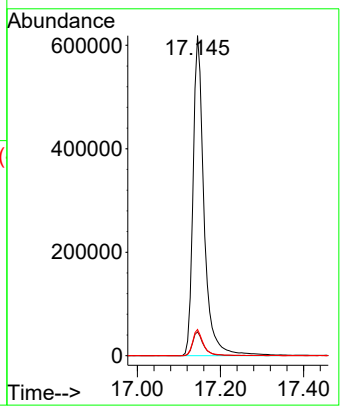


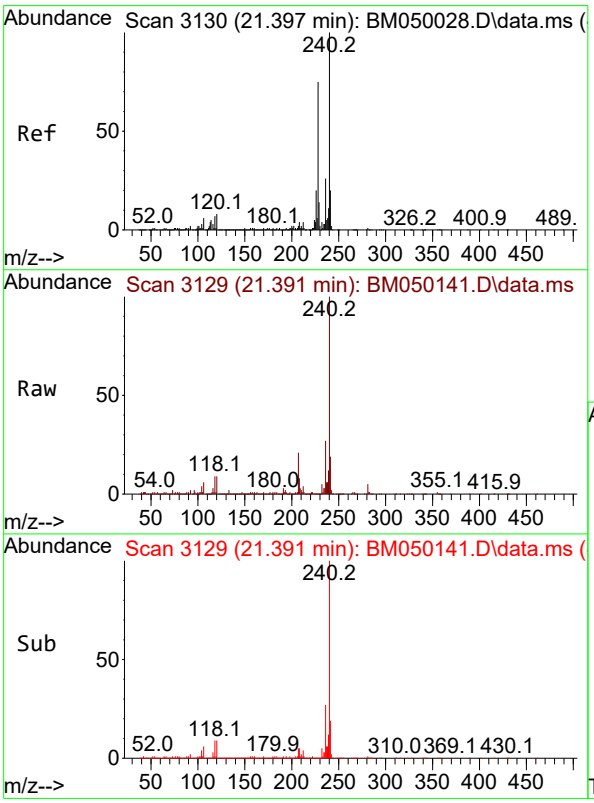
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion:188 Resp: 1138365

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	8.2	6.2	9.4

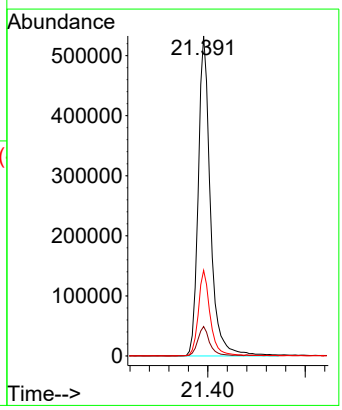


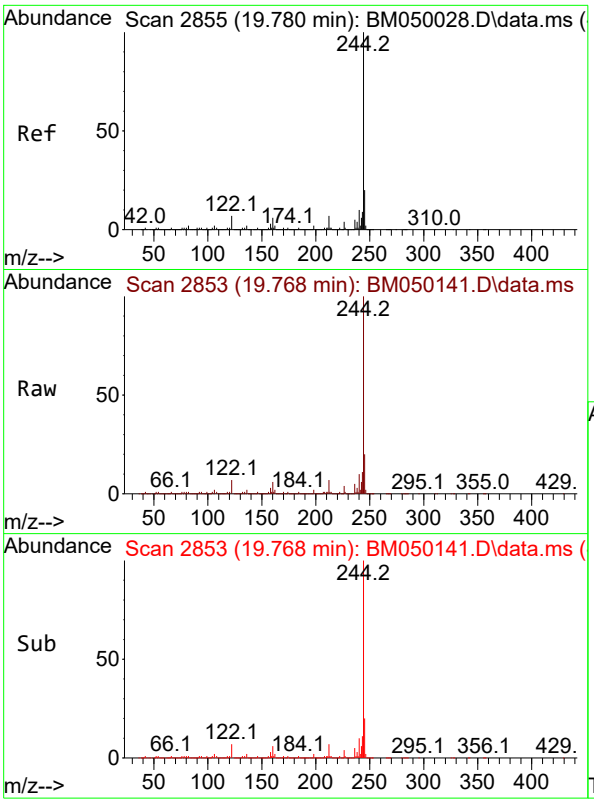


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.391 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:240 Resp: 926404

Ion	Ratio	Lower	Upper
240	100		
120	9.2	6.5	9.7
236	26.7	20.9	31.3



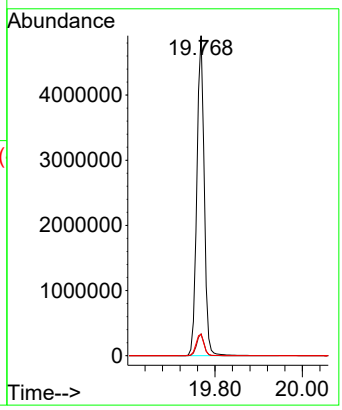


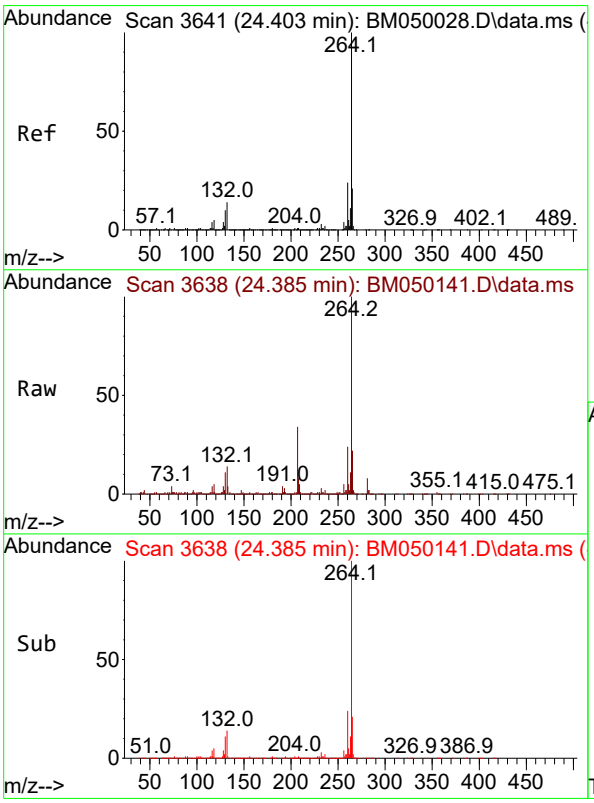
#79
Terphenyl-d14
Concen: 92.176 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Instrument :
BNA_M
ClientSampleId :
PB167889BL

Tgt Ion:244 Resp: 5770748

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.7	5.6	8.4

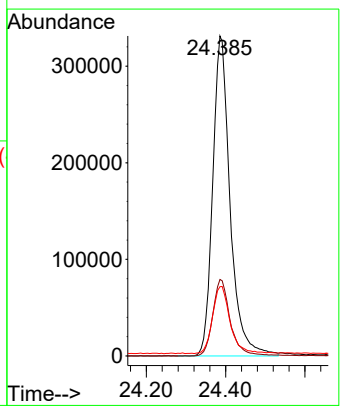




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.385 min Scan# 3638
Delta R.T. 0.006 min
Lab File: BM050141.D
Acq: 08 May 2025 11:21

Tgt Ion:264 Resp: 1008661

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.7	17.0	25.4



Sample Results: **BM050141.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

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

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

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

Signal : TIC: BM050141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	330	rBV	410473	612536	4.26%	0.918%
2	5.340	393	400	417	rBV	4424702	7096282	49.41%	10.634%
3	6.934	664	671	700	rBV	3817923	6914069	48.14%	10.360%
4	7.739	800	808	821	rBV	935549	1563046	10.88%	2.342%
5	8.904	998	1006	1033	rBV	2345754	4486181	31.23%	6.722%
6	10.539	1275	1284	1306	rBV	892934	1964027	13.67%	2.943%
7	13.010	1696	1704	1731	rBV	6698872	11110302	77.35%	16.648%
8	14.392	1929	1939	1959	rBV	1381787	2513666	17.50%	3.767%
9	15.892	2187	2194	2233	rBV	4640284	8173491	56.91%	12.248%
10	17.145	2400	2407	2427	rBV2	1434806	2646945	18.43%	3.966%
11	18.045	2554	2560	2569	rBV3	93206	244419	1.70%	0.366%
12	19.768	2847	2853	2871	rBV	11970325	14363052	100.00%	21.523%
13	21.391	3123	3129	3143	rBV2	1434153	2520935	17.55%	3.778%
14	24.385	3631	3638	3660	rVB	848616	2525951	17.59%	3.785%

Sum of corrected areas: 66734902

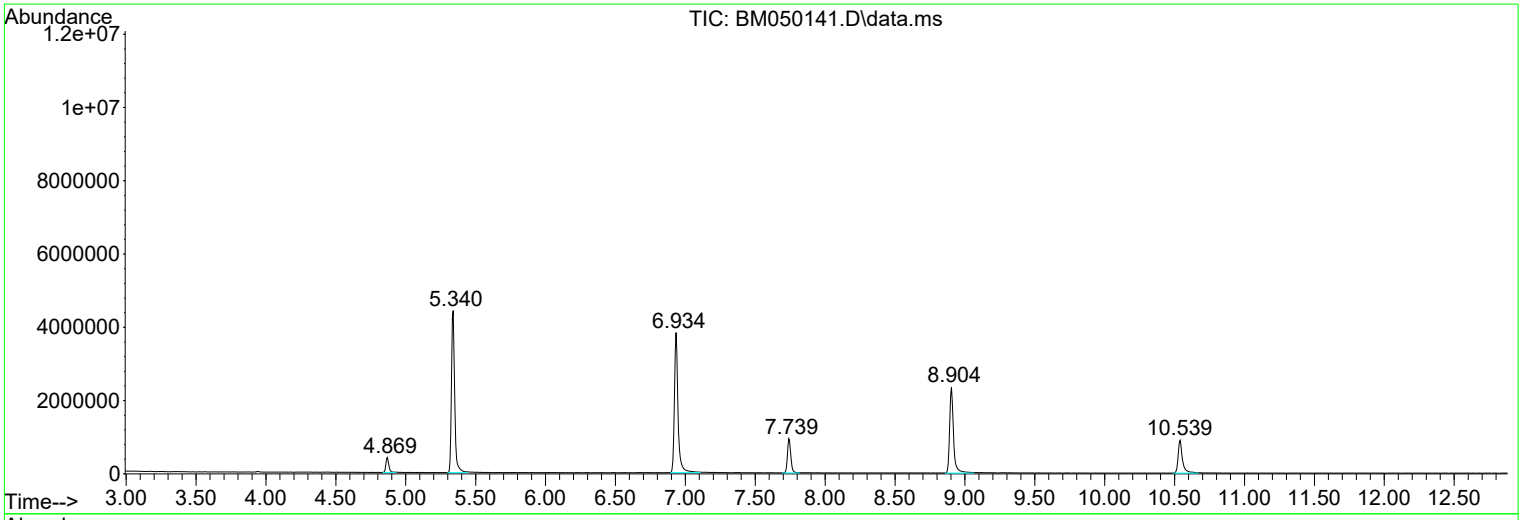
Sample Results: **BM050141.D**

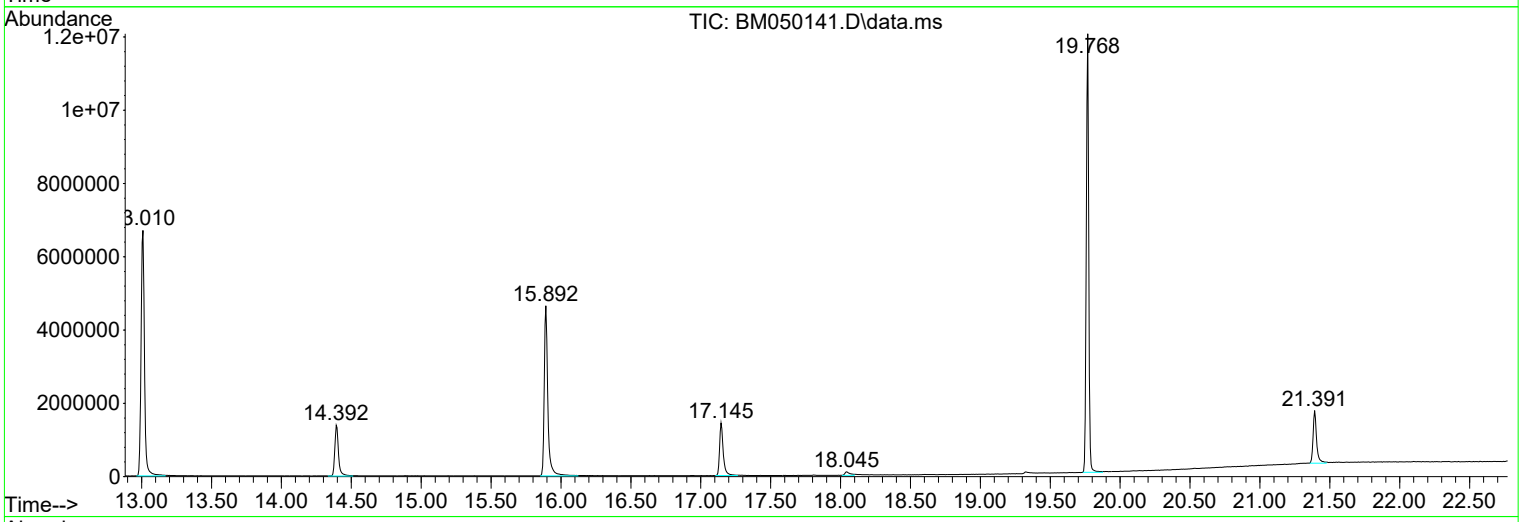
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

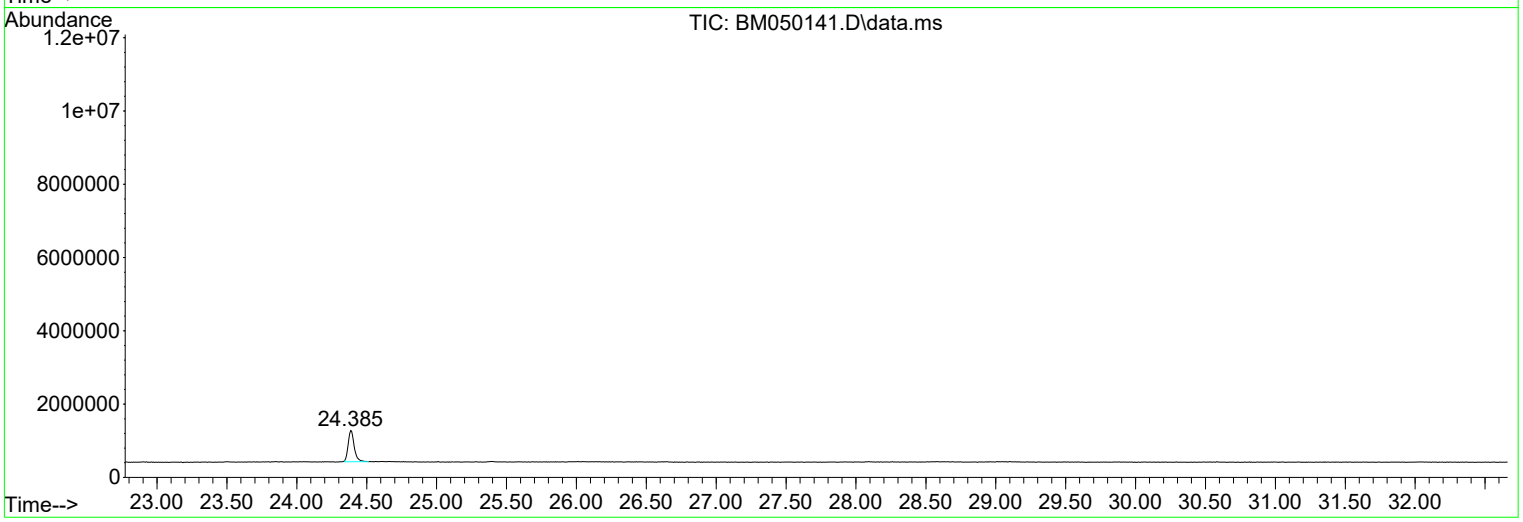
Instrument :
BNA_M
ClientSampleId :
PB167889BL

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

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

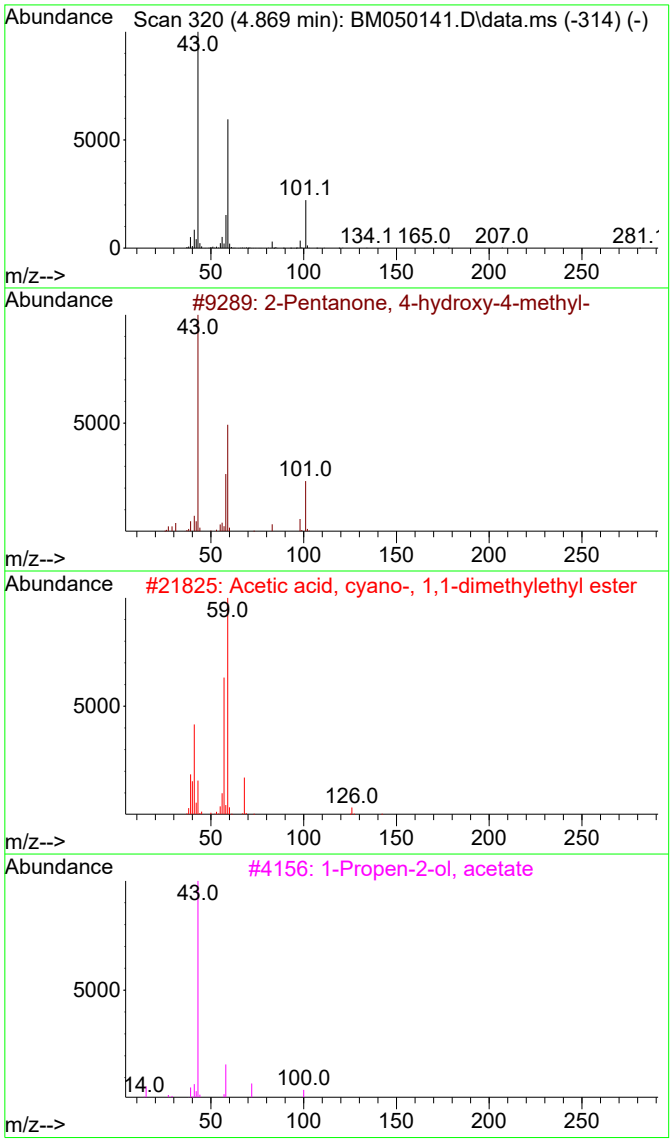
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

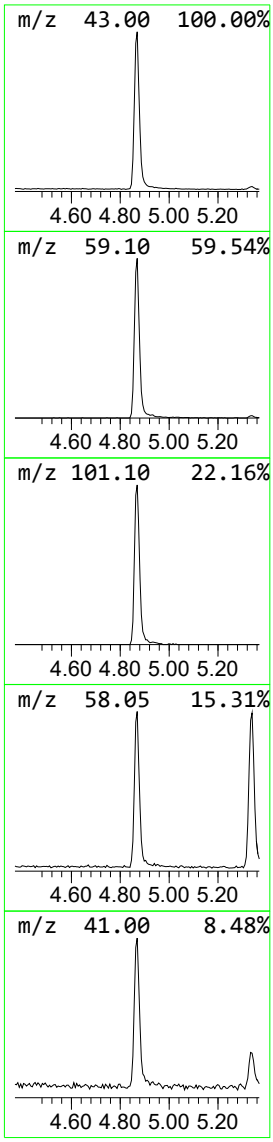
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	7.84 ng	612536	1,4-Dichlorobenzene-d4	7.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Sample Results: **BM050141.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050141.D
Acq On : 08 May 2025 11:21
Operator : RC/JU
Sample : PB167889BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BL

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	7.8	ng	612536	1	7.739	1563050	20.0

Raw Data: **BM050131.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BS	SDG No.:	Q1956
Lab Sample ID:	PB167879BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050131.D	1	05/06/25 09:25	05/07/25 11:14	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	740		160	330	ug/Kg
108-95-2	Phenol	1400		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1400		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1300		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1400		18.3	170	ug/Kg
78-59-1	Isophorone	1300		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1400		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		28.3	170	ug/Kg
91-20-3	Naphthalene	1300		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1100		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1200		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1300		27.1	170	ug/Kg

Raw Data: **BM050131.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167879BS	SDG No.:	Q1956
Lab Sample ID:	PB167879BS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050131.D	1	05/06/25 09:25	05/07/25 11:14	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1400		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2600		230	330	ug/Kg
100-02-7	4-Nitrophenol	2400		110	330	ug/Kg
132-64-9	Dibenzofuran	1300		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1300		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		26.7	170	ug/Kg
86-73-7	Fluorene	1300		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1200		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		25.3	170	ug/Kg
1912-24-9	Atrazine	1400		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		47.9	170	ug/Kg
206-44-0	Fluoranthene	1300		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		19.0	170	ug/Kg

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:	Bergen Point Fueling System			Date Received:	
Client Sample ID:	PB167879BS			SDG No.:	Q1956
Lab Sample ID:	PB167879BS			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050131.D	1	05/06/25 09:25	05/07/25 11:14	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1300		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1400		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	127		18 - 112	84%	SPK: 150
13127-88-3	Phenol-d6	121		15 - 107	81%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.7		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.8		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		10 - 116	83%	SPK: 150
1718-51-0	Terphenyl-d14	83.5		10 - 105	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	262000	7.745			
1146-65-2	Naphthalene-d8	900000	10.533			
15067-26-2	Acenaphthene-d10	545000	14.392			
1517-22-2	Phenanthrene-d10	983000	17.139			
1719-03-5	Chrysene-d12	848000	21.386			
1520-96-3	Perylene-d12	893000	24.379			

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\BM050725\
Data File : BM050131.D
Acq On : 07 May 2025 11:14
Operator : RC/JU
Sample : PB167879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Quant Time: May 07 12:26:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	261504	20.000	ng		-0.02
21) Naphthalene-d8	10.533	136	899945	20.000	ng		-0.03
39) Acenaphthene-d10	14.392	164	545059	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	982729	20.000	ng		-0.02
76) Chrysene-d12	21.386	240	848155	20.000	ng		-0.01
86) Perylene-d12	24.379	264	892873	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1892749	126.742	ng		-0.02
7) Phenol-d6	6.934	99	2268414	120.853	ng		-0.02
23) Nitrobenzene-d5	8.904	82	1364497	74.713	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	1003416	124.502	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	3490450	75.756	ng		-0.02
79) Terphenyl-d14	19.768	244	4788720	83.547	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	209705	32.750	ng		98
3) Pyridine	3.634	79	585463	35.586	ng		98
4) n-Nitrosodimethylamine	3.546	42	255010	39.521	ng		100
6) Aniline	7.075	93	851466	35.924	ng		98
8) 2-Chlorophenol	7.316	128	664822	41.174	ng		98
9) Benzaldehyde	6.886	77	280859	22.360	ng		99
10) Phenol	6.963	94	778675	40.979	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	619114	39.020	ng		99
12) 1,3-Dichlorobenzene	7.634	146	773418	39.653	ng		100
13) 1,4-Dichlorobenzene	7.781	146	785292	40.076	ng		100
14) 1,2-Dichlorobenzene	8.092	146	748963	39.569	ng		99
15) Benzyl Alcohol	7.992	79	518191	39.809	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	766342	39.733	ng		100
17) 2-Methylphenol	8.204	107	503177	40.197	ng		99
18) Hexachloroethane	8.816	117	277530	39.843	ng		98
19) n-Nitroso-di-n-propyla...	8.551	70	450304	37.406	ng		99
20) 3+4-Methylphenols	8.539	107	659797	39.031	ng		99
22) Acetophenone	8.569	105	908102	40.587	ng	#	99
24) Nitrobenzene	8.945	77	649290	41.116	ng		99
25) Isophorone	9.475	82	1201333	38.589	ng		99
26) 2-Nitrophenol	9.657	139	347955	43.131	ng		98
27) 2,4-Dimethylphenol	9.727	122	549101	41.043	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	769423	39.987	ng		100
29) 2,4-Dichlorophenol	10.210	162	621459	41.463	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	743251	40.702	ng		99
31) Naphthalene	10.586	128	1830672	40.168	ng		100
32) Benzoic acid	9.904	122	377374m	44.103	ng		
33) 4-Chloroaniline	10.710	127	608068	32.550	ng		99
34) Hexachlorobutadiene	10.869	225	477561	41.199	ng		100
35) Caprolactam	11.510	113	160738	36.781	ng		92
36) 4-Chloro-3-methylphenol	11.857	107	542023	39.143	ng		99
37) 2-Methylnaphthalene	12.204	142	1181791	38.676	ng		99
38) 1-Methylnaphthalene	12.427	142	1237396	38.266	ng		100
40) 1,2,4,5-Tetrachloroben...	12.580	216	814597	43.172	ng		99
41) Hexachlorocyclopentadiene	12.551	237	1055598	91.545	ng		100
43) 2,4,6-Trichlorophenol	12.833	196	516511	43.159	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050131.D
Acq On : 07 May 2025 11:14
Operator : RC/JU
Sample : PB167879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Quant Time: May 07 12:26:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

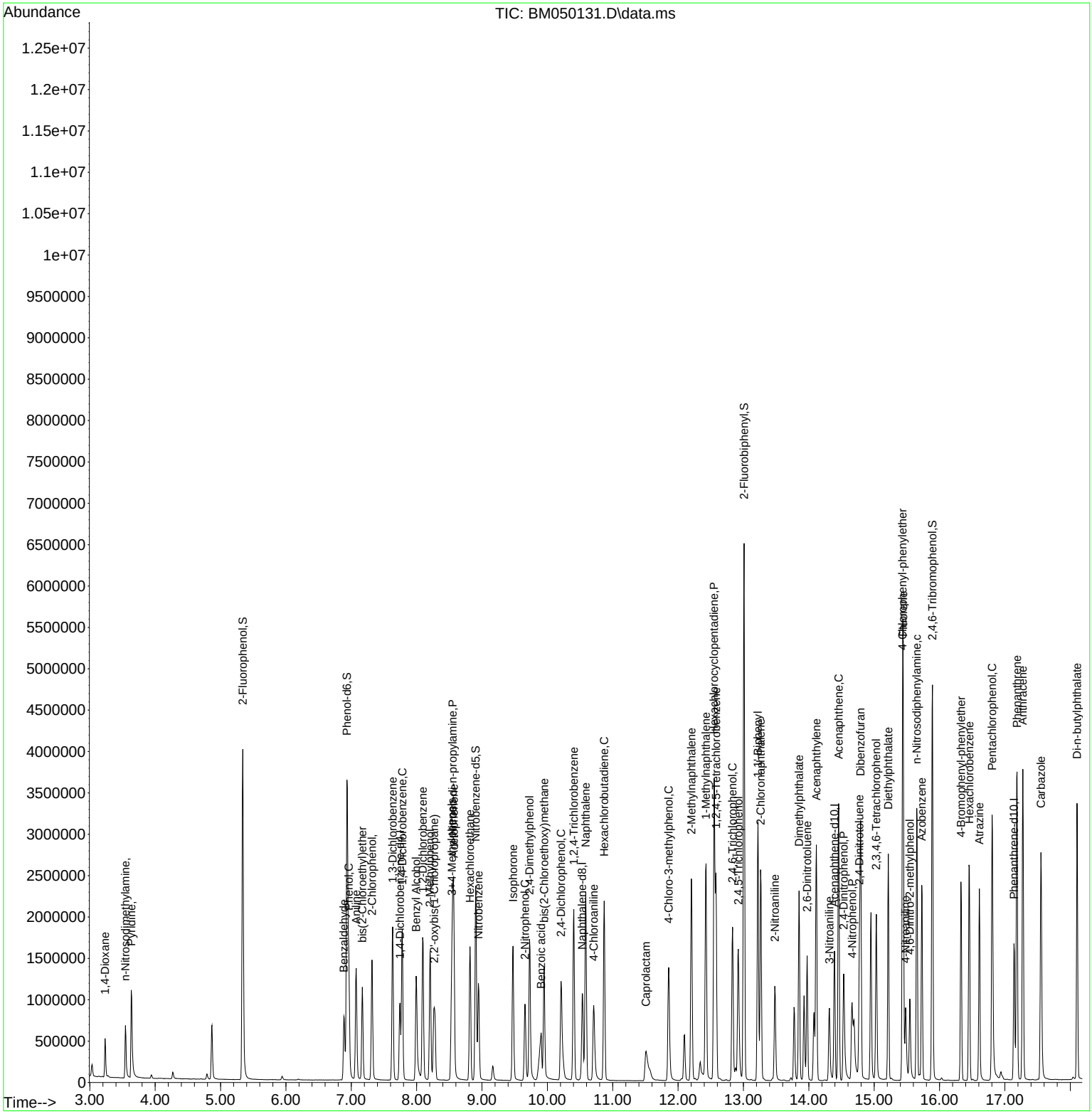
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.921	196	553935	42.923	ng	100
46) 1,1'-Biphenyl	13.221	154	1680406	41.474	ng	99
47) 2-Chloronaphthalene	13.263	162	1332315	41.519	ng	100
48) 2-Nitroaniline	13.480	65	324890	43.138	ng	99
49) Acenaphthylene	14.115	152	2066740	40.848	ng	100
50) Dimethylphthalate	13.851	163	1579379	39.649	ng	100
51) 2,6-Dinitrotoluene	13.974	165	340840	41.327	ng	98
52) Acenaphthene	14.457	154	1187802	40.558	ng	99
53) 3-Nitroaniline	14.315	138	275720	35.017	ng	99
54) 2,4-Dinitrophenol	14.533	184	416990	79.076	ng	98
55) Dibenzofuran	14.792	168	1960335	40.232	ng	99
56) 4-Nitrophenol	14.662	139	464411	72.924	ng	99
57) 2,4-Dinitrotoluene	14.774	165	471194	41.347	ng	98
58) Fluorene	15.445	166	1588960	39.840	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	448324	40.133	ng	99
60) Diethylphthalate	15.215	149	1462298	38.959	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	879735	40.159	ng	97
62) 4-Nitroaniline	15.480	138	283435	37.310	ng	98
63) Azobenzene	15.727	77	1268653	40.331	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	264929	43.067	ng	95
66) n-Nitrosodiphenylamine	15.651	169	1322557	43.827	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	511104	43.008	ng	98
68) Hexachlorobenzene	16.456	284	588874	42.988	ng	96
69) Atrazine	16.609	200	453789	41.689	ng	100
70) Pentachlorophenol	16.804	266	702157	91.061	ng	99
71) Phenanthrene	17.186	178	2334726	42.122	ng	99
72) Anthracene	17.274	178	2346195	41.828	ng	99
73) Carbazole	17.551	167	2034446	41.798	ng	99
74) Di-n-butylphthalate	18.103	149	2363677	40.778	ng	100
75) Fluoranthene	19.203	202	2607808	40.074	ng	100
77) Benzidine	19.392	184	1548497	51.399	ng	99
78) Pyrene	19.568	202	2682067	45.031	ng	100
80) Butylbenzylphthalate	20.462	149	987283	44.258	ng	96
81) Benzo(a)anthracene	21.368	228	2494523	42.710	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	755984	33.812	ng	99
83) Chrysene	21.433	228	2301038	42.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1418057	42.559	ng	99
85) Di-n-octyl phthalate	22.409	149	2384587	43.396	ng	100
87) Indeno(1,2,3-cd)pyrene	27.767	276	3208095	48.220	ng	100
88) Benzo(b)fluoranthene	23.438	252	2384996	41.074	ng	99
89) Benzo(k)fluoranthene	23.497	252	2371605	40.378	ng	99
90) Benzo(a)pyrene	24.244	252	2308474	42.447	ng	99
91) Dibenzo(a,h)anthracene	27.815	278	2605876	48.050	ng	99
92) Benzo(g,h,i)perylene	28.826	276	2532040	48.767	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050131.D
Acq On : 07 May 2025 11:14
Operator : RC/JU
Sample : PB167879BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Quant Time: May 07 12:26:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

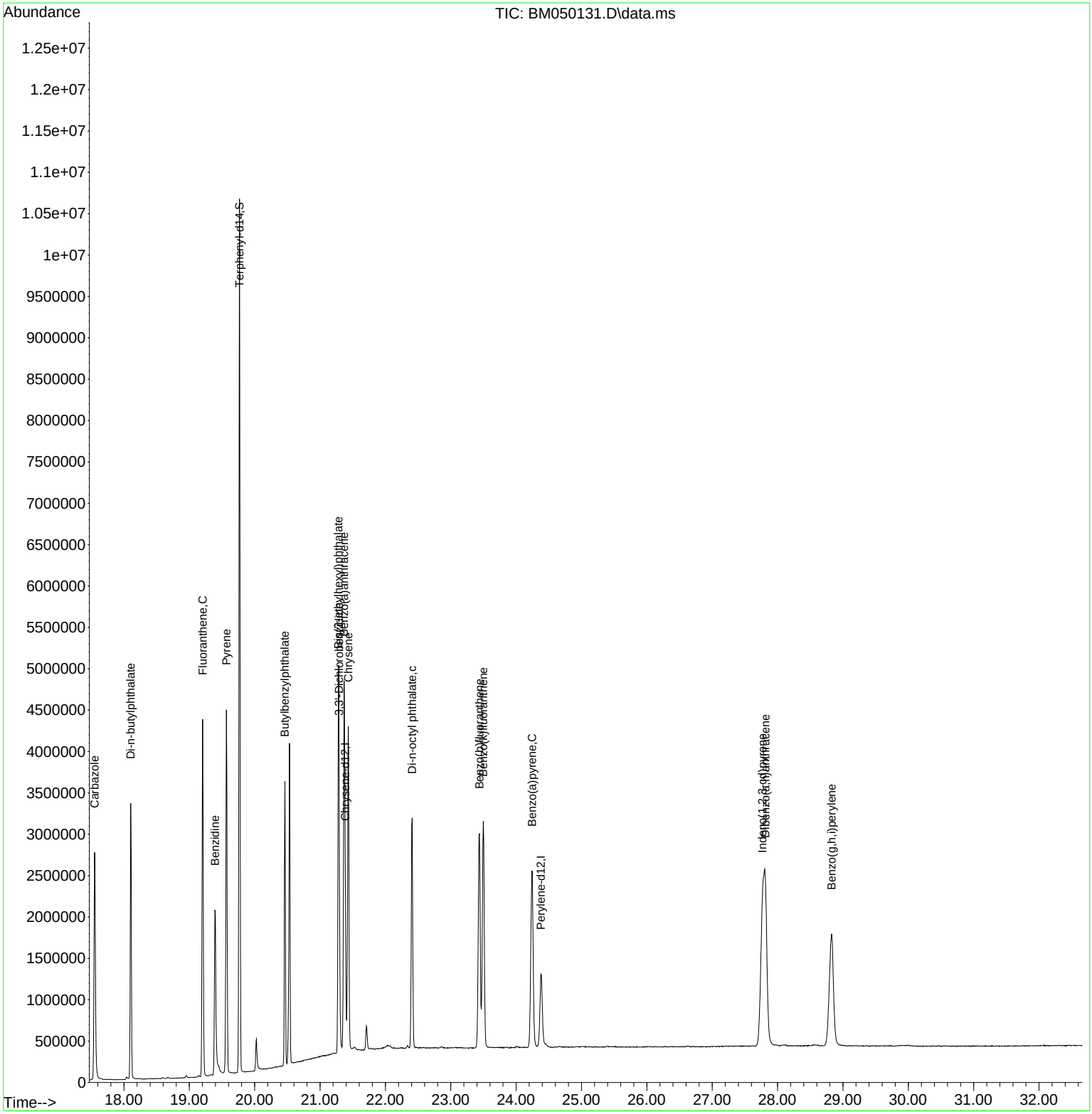


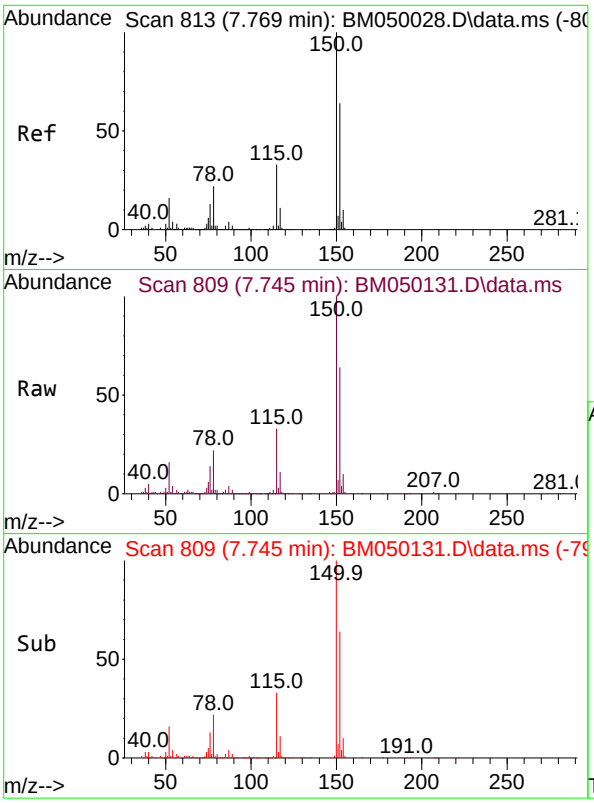
Sample Results: **BM050131.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050725\
Data File : BM050131.D
Acq On : 07 May 2025 11:14
Operator : RC/JU
Sample : PB167879BS
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ALS Vial : 4 Sample Multiplier: 1

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Quant Time: May 07 12:26:41 2025
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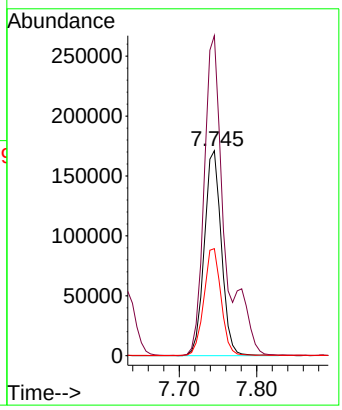


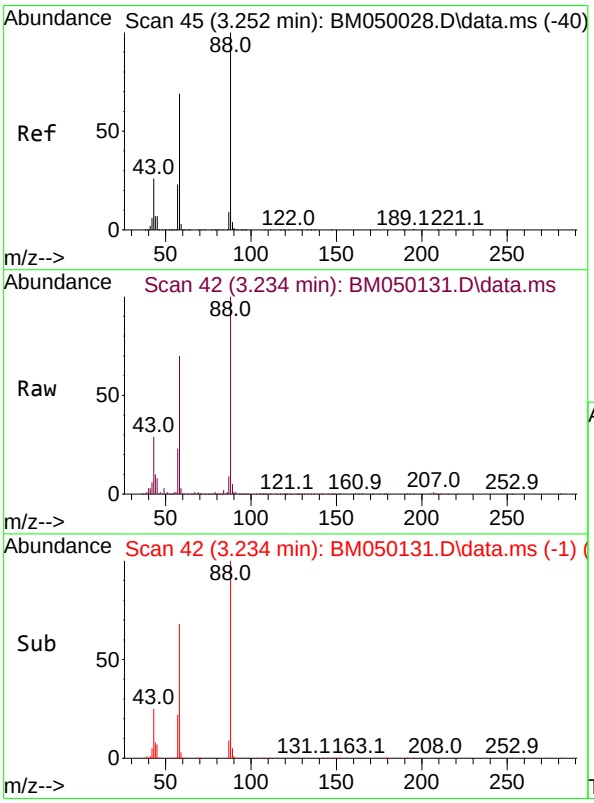
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:152 Resp: 261504

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	52.3	41.2	61.8

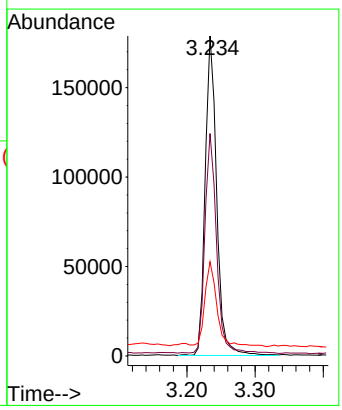


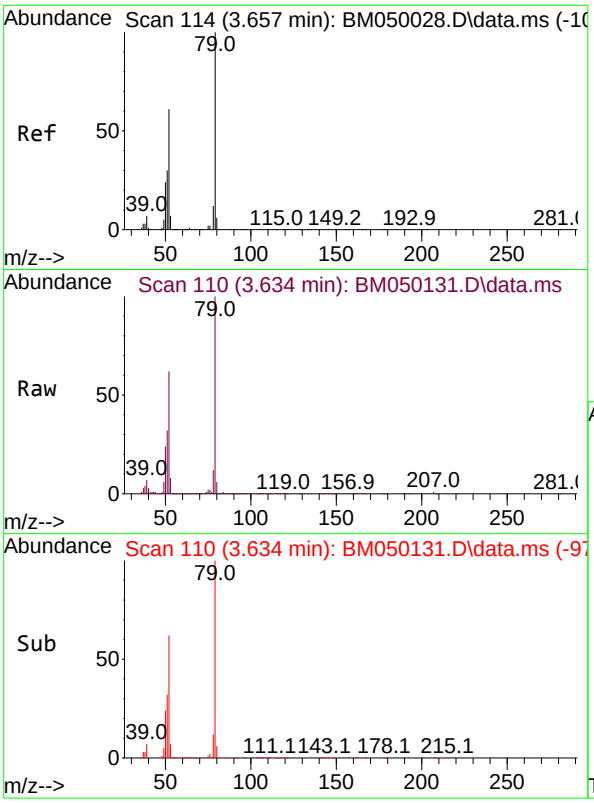


#2
1,4-Dioxane
Concen: 32.750 ng
RT: 3.234 min Scan# 42
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 88 Resp: 209705

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.1	82.7
43	28.3	20.9	31.3



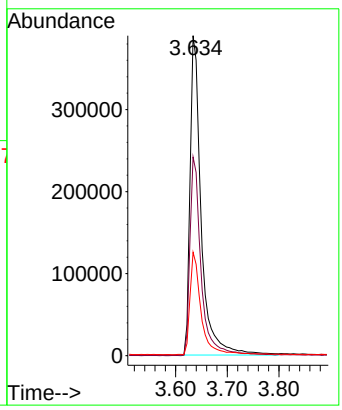


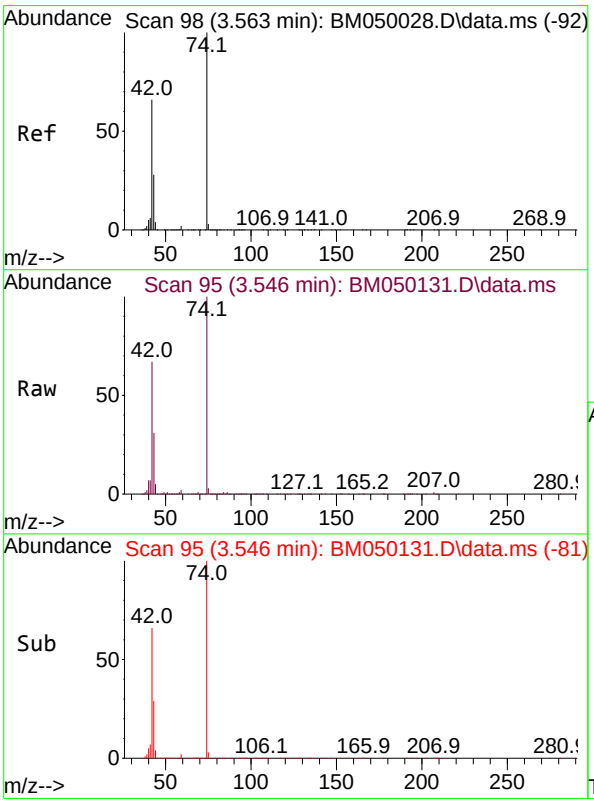
#3
Pyridine
Concen: 35.586 ng
RT: 3.634 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 79 Resp: 585463

Ion	Ratio	Lower	Upper
79	100		
52	62.1	48.6	72.8
51	32.3	24.6	37.0

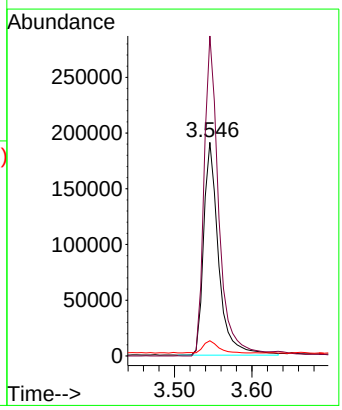


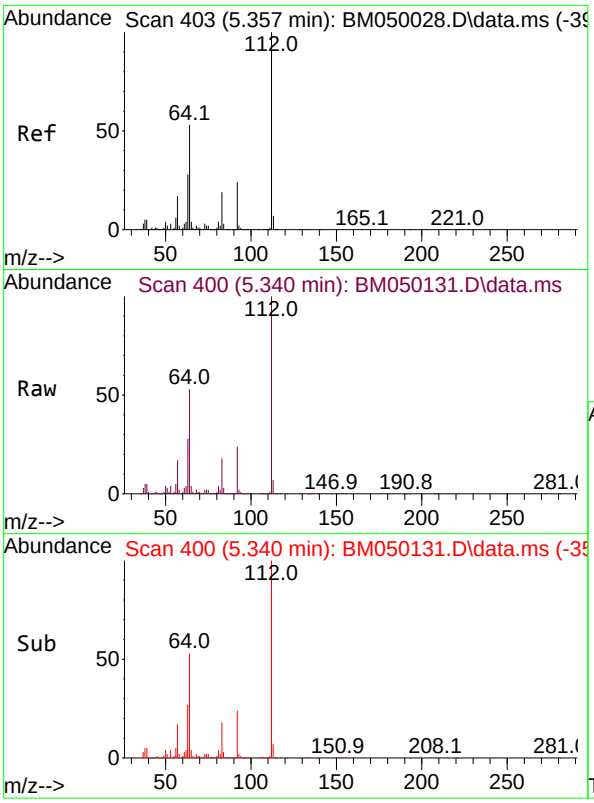


#4
n-Nitrosodimethylamine
Concen: 39.521 ng
RT: 3.546 min Scan# 95
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 42 Resp: 255010

Ion	Ratio	Lower	Upper
42	100		
74	149.8	120.2	180.2
44	7.1	6.2	9.2



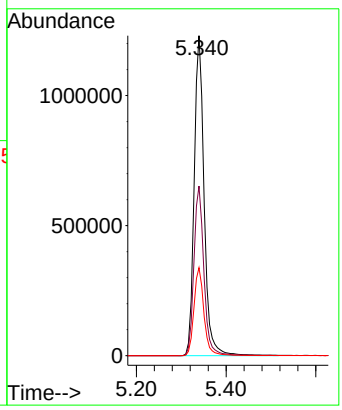


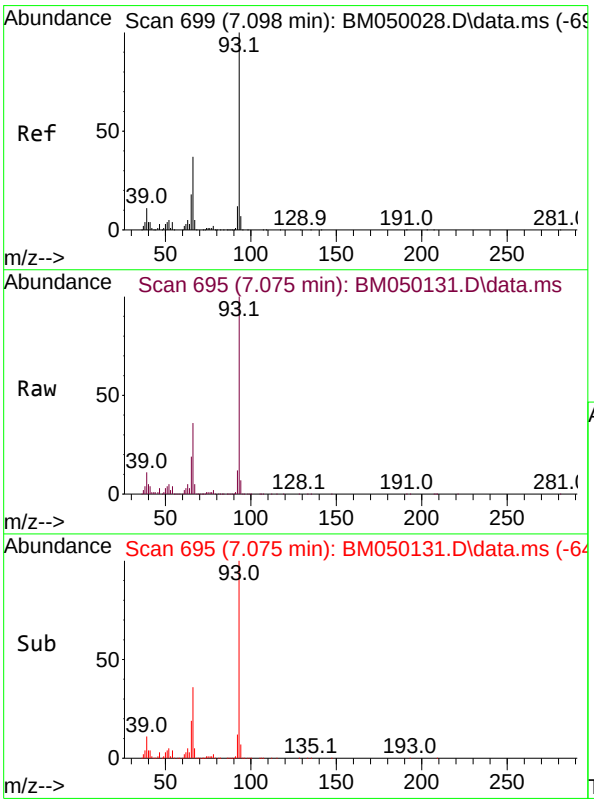
#5
2-Fluorophenol
Concen: 126.742 ng
RT: 5.340 min Scan# 4(
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:112 Resp: 1892749

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	64.0
63	27.5	22.2	33.4

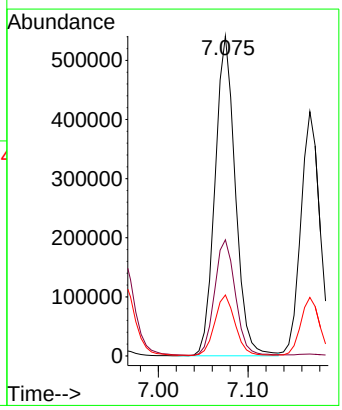


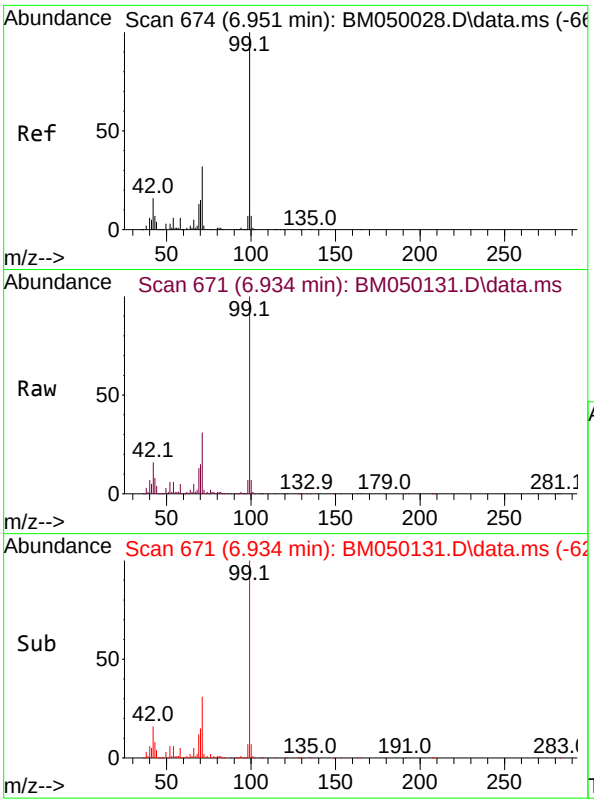


#6
Aniline
Concen: 35.924 ng
RT: 7.075 min Scan# 695
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 93 Resp: 851466

Ion	Ratio	Lower	Upper
93	100		
66	36.3	29.9	44.9
65	19.0	14.5	21.7



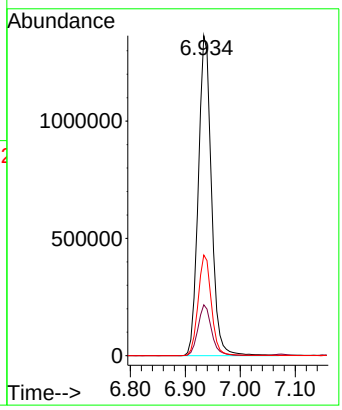


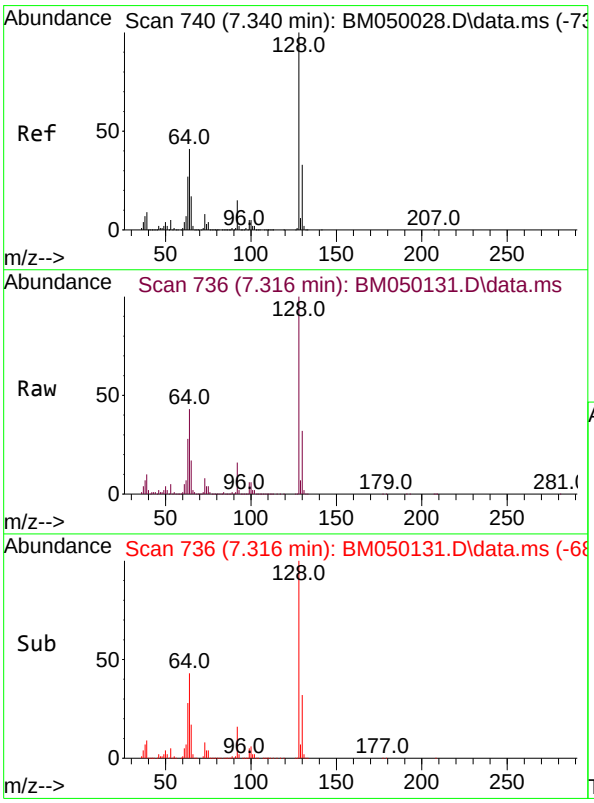
#7
Phenol-d6
Concen: 120.853 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 99 Resp: 2268414

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.0	19.4
71	31.5	25.6	38.4

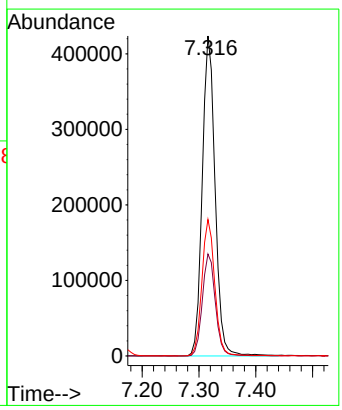


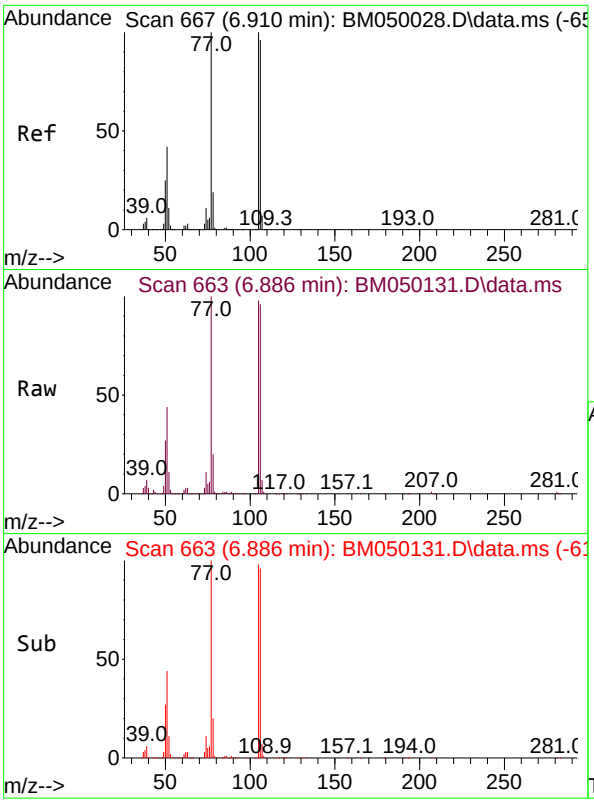


#8
2-Chlorophenol
Concen: 41.174 ng
RT: 7.316 min Scan# 736
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:128 Resp: 664822

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.8	52.8
64	42.7	21.2	61.2



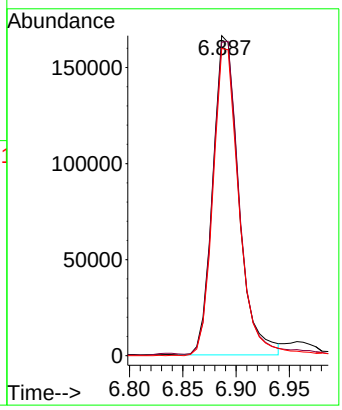


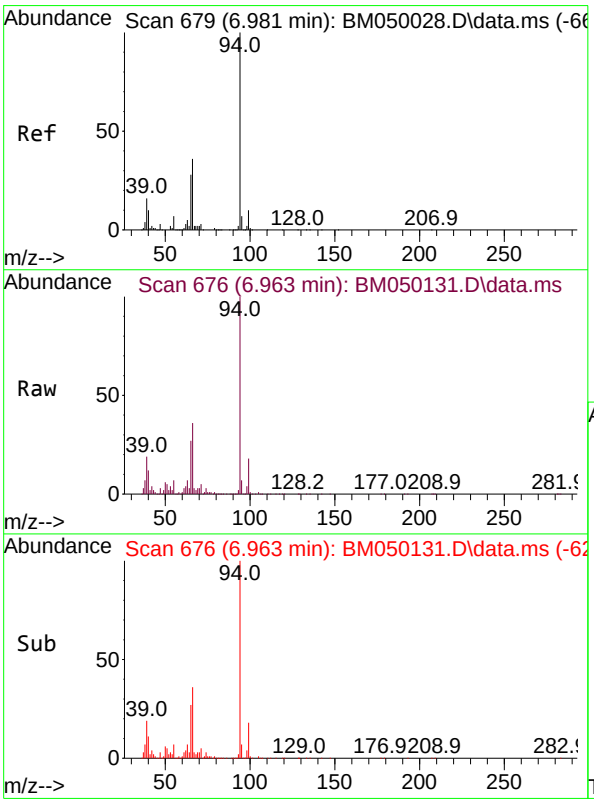
#9
Benzaldehyde
Concen: 22.360 ng
RT: 6.886 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 77 Resp: 280859

Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.5	120.5
106	96.0	76.1	116.1

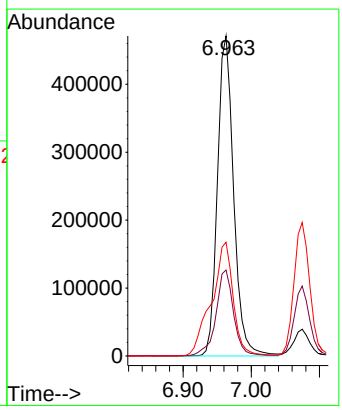


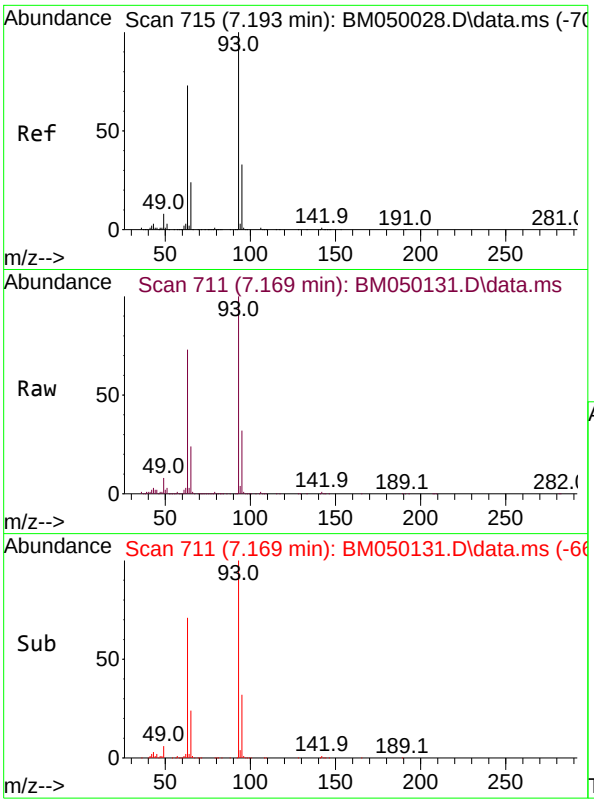


#10
Phenol
Concen: 40.979 ng
RT: 6.963 min Scan# 676
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 94 Resp: 778675

Ion	Ratio	Lower	Upper
94	100		
65	26.8	7.6	47.6
66	35.6	15.8	55.8



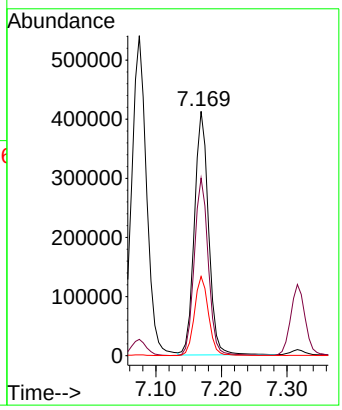


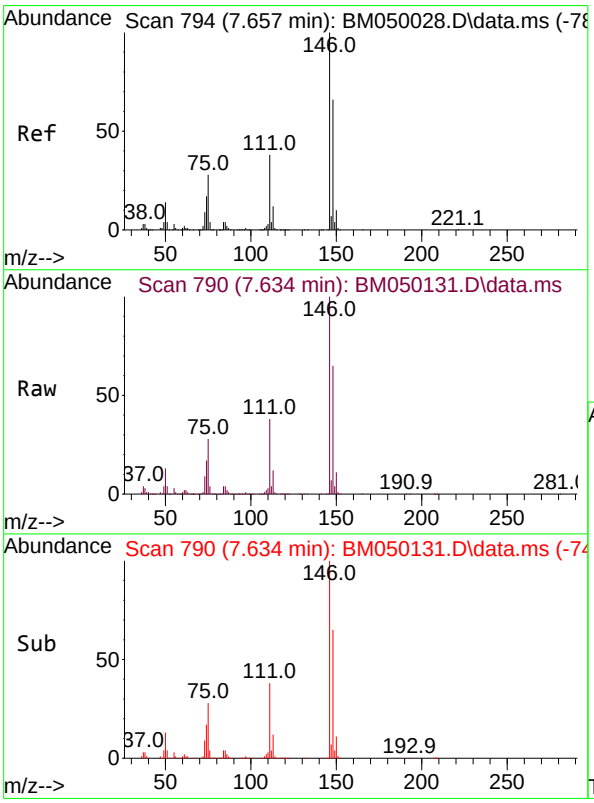
#11
bis(2-Chloroethyl)ether
Concen: 39.020 ng
RT: 7.169 min Scan# 7
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 93 Resp: 619114

Ion	Ratio	Lower	Upper
93	100		
63	72.7	52.3	92.3
95	32.4	12.8	52.8

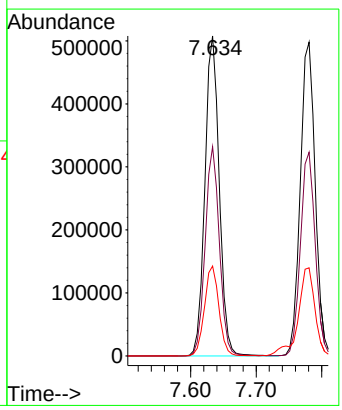


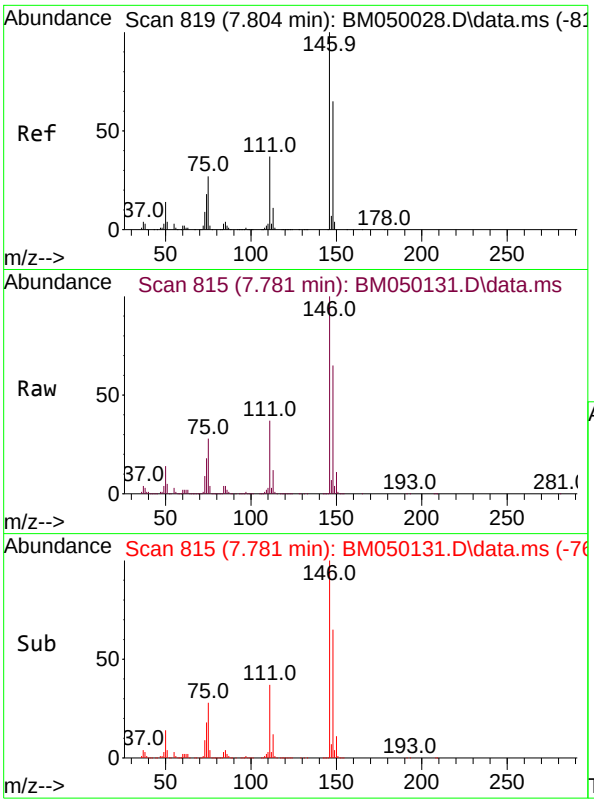


#12
1,3-Dichlorobenzene
Concen: 39.653 ng
RT: 7.634 min Scan# 790
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:146 Resp: 773418

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	28.1	22.6	34.0



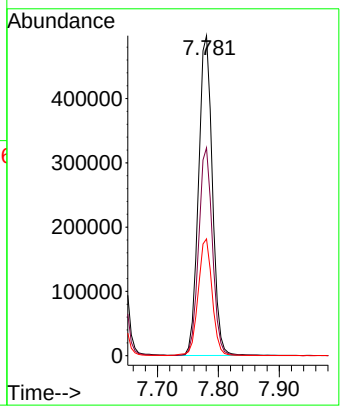


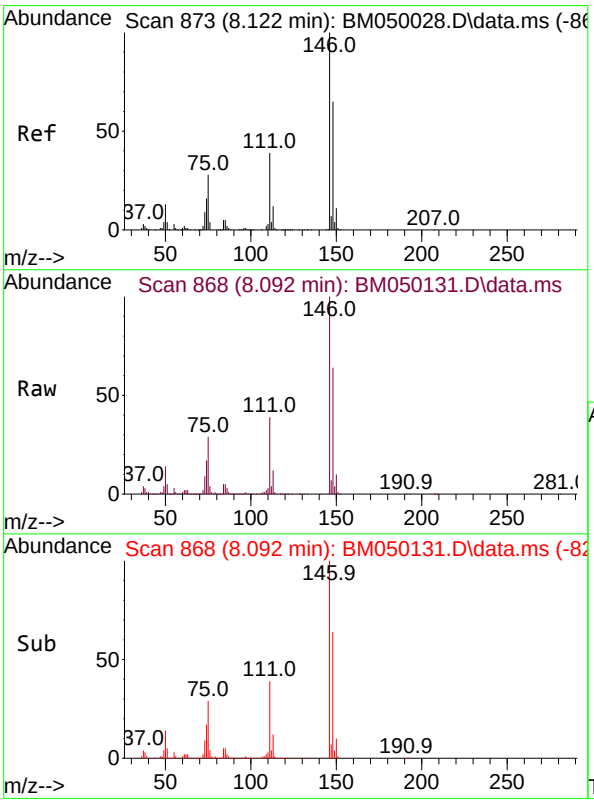
#13
1,4-Dichlorobenzene
Concen: 40.076 ng
RT: 7.781 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:146 Resp: 785292

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	36.5	29.3	43.9

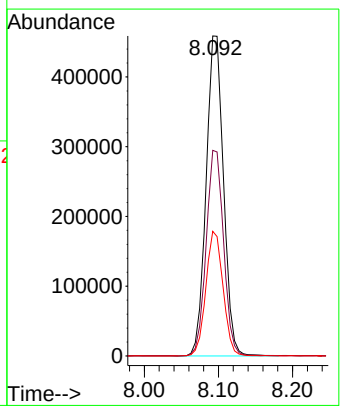


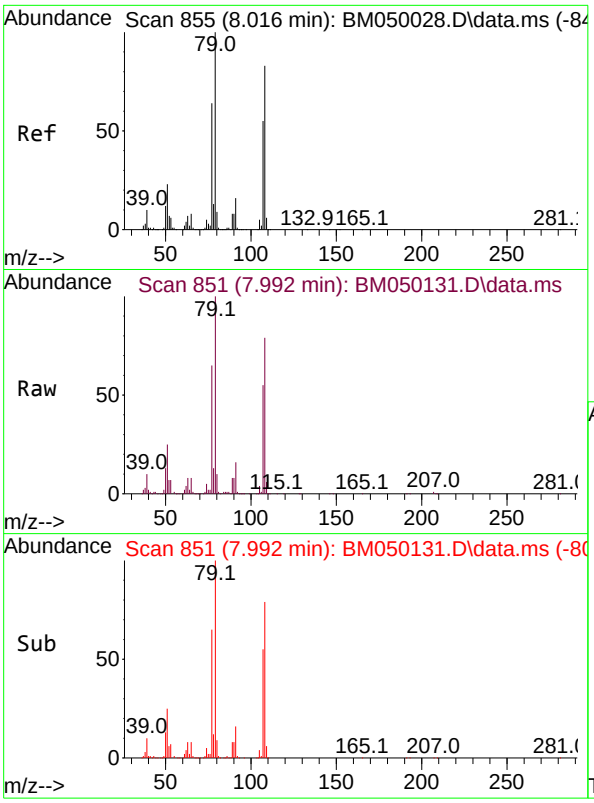


#14
1,2-Dichlorobenzene
Concen: 39.569 ng
RT: 8.092 min Scan# 868
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:146 Resp: 748963

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.4	78.6
111	39.0	31.0	46.6



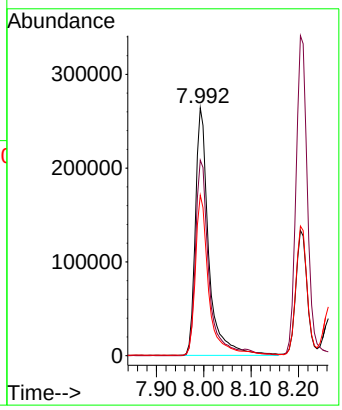


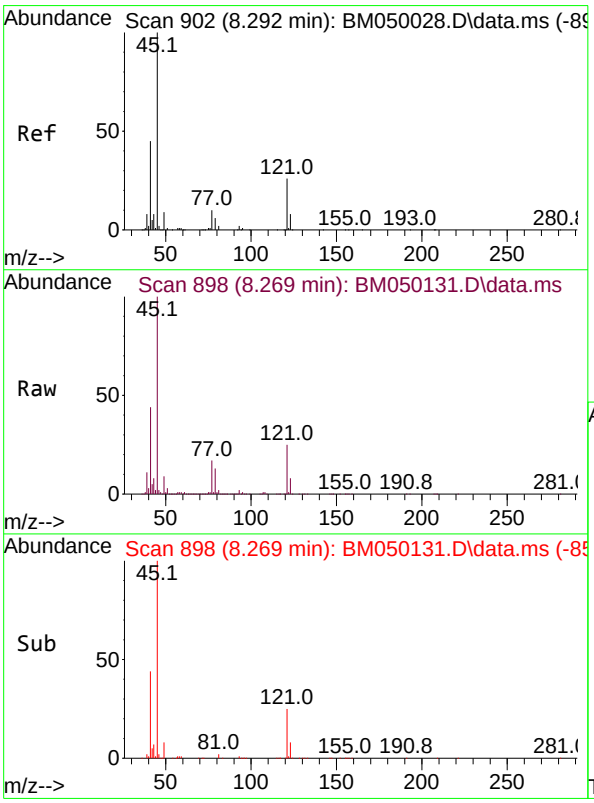
#15
Benzyl Alcohol
Concen: 39.809 ng
RT: 7.992 min Scan# 8
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 79 Resp: 518191

Ion	Ratio	Lower	Upper
79	100		
108	78.9	66.0	99.0
77	64.8	51.6	77.4

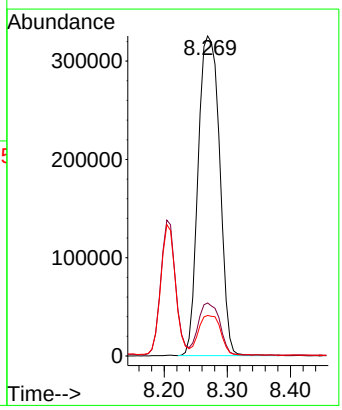


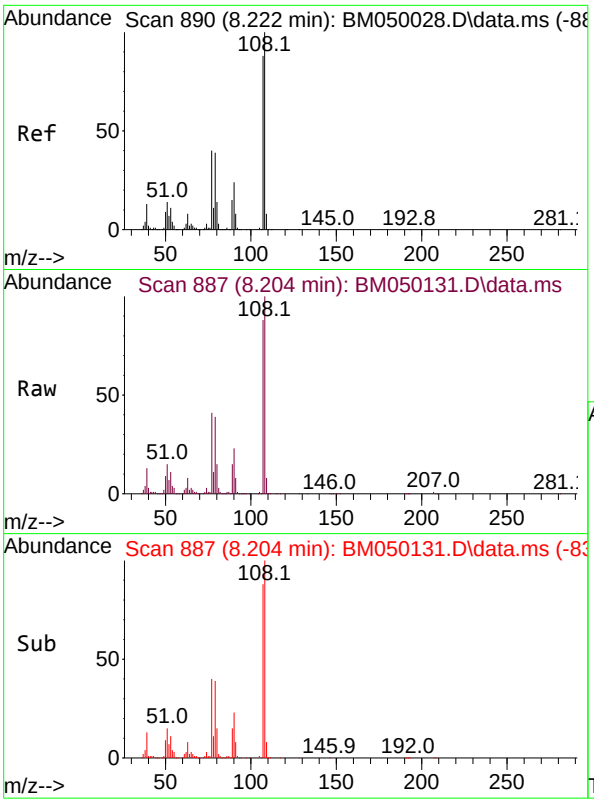


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.733 ng
RT: 8.269 min Scan# 898
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 45 Resp: 766342

Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	36.4
79	12.7	0.0	32.7



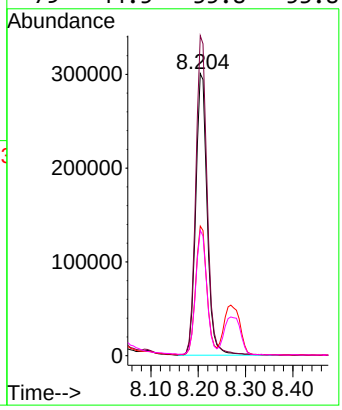


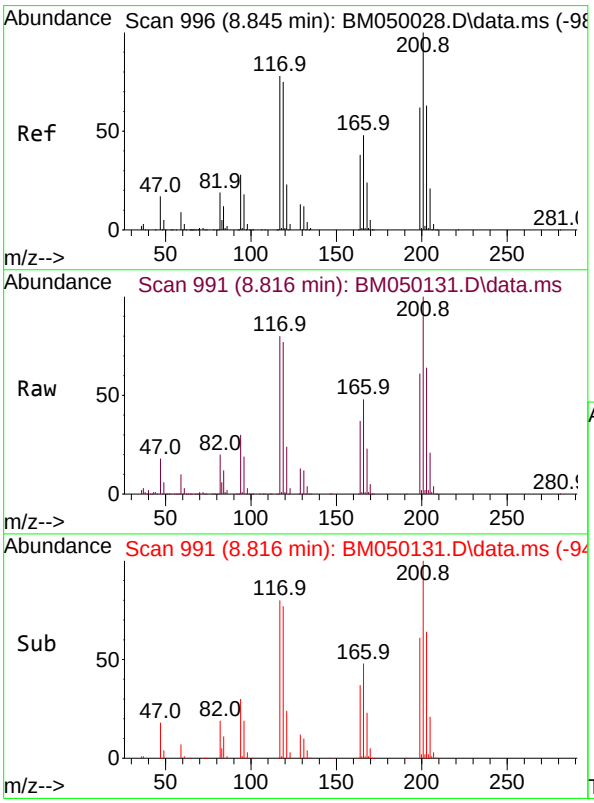
#17
2-Methylphenol
Concen: 40.197 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:107 Resp: 503177

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	46.0	36.2	54.4
79	44.5	35.8	53.8

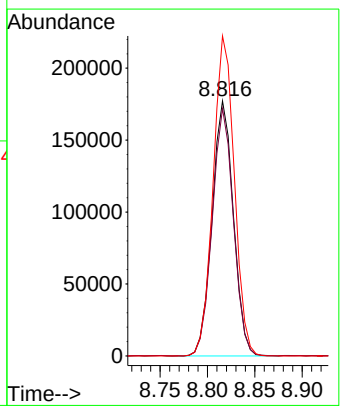


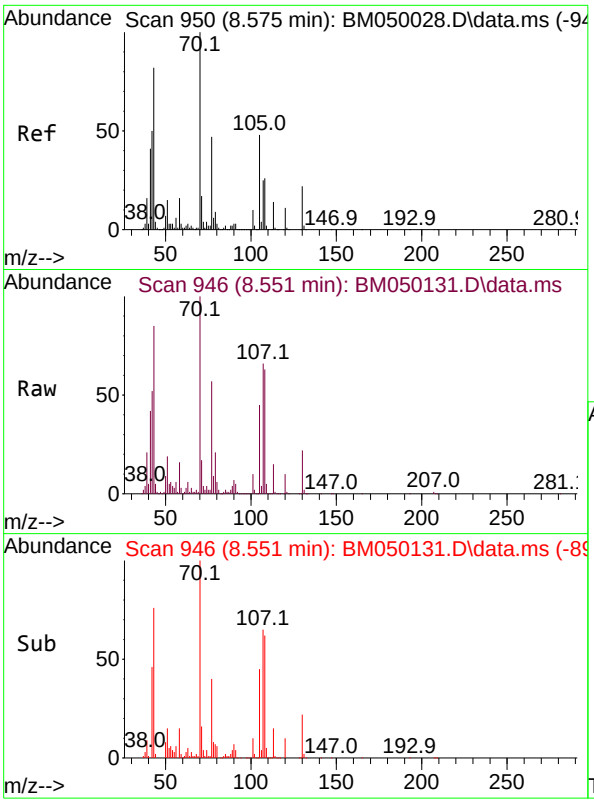


#18
Hexachloroethane
Concen: 39.843 ng
RT: 8.816 min Scan# 991
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:117 Resp: 277530

Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.3	115.9
201	125.5	102.8	154.2



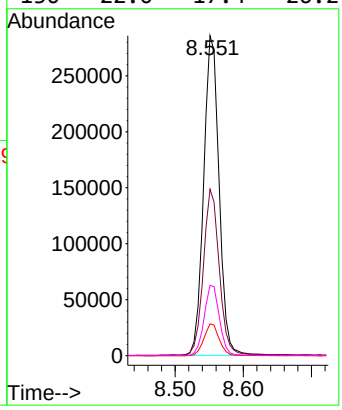


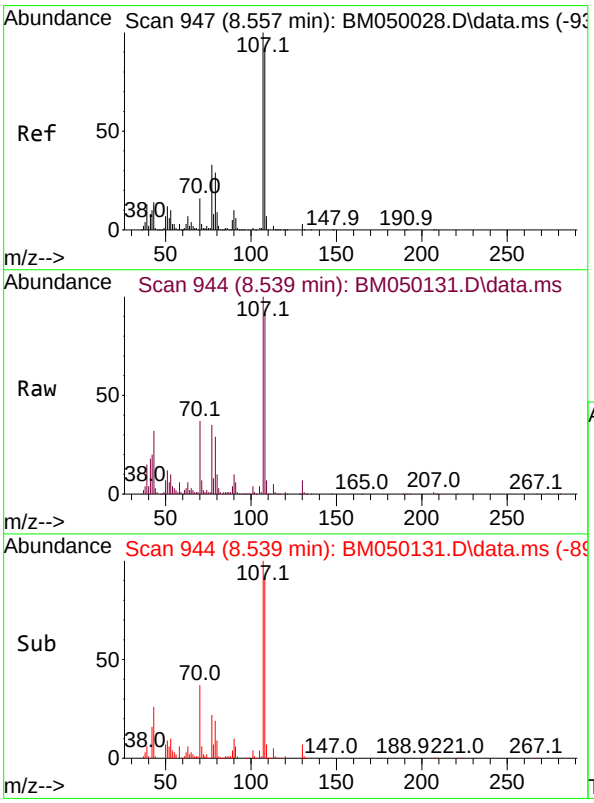
#19
n-Nitroso-di-n-propylamine
Concen: 37.406 ng
RT: 8.551 min Scan# 94
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 70 Resp: 450304

Ion	Ratio	Lower	Upper
70	100		
42	52.0	40.5	60.7
101	9.9	7.8	11.6
130	22.0	17.4	26.2

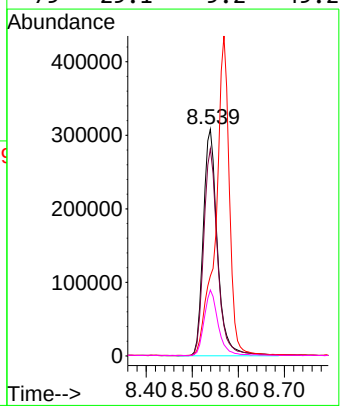


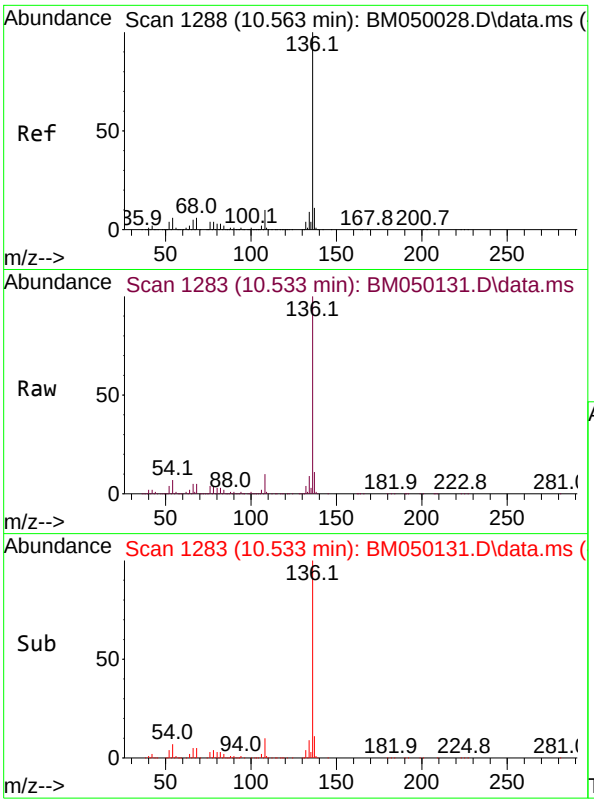


#20
3+4-Methylphenols
Concen: 39.031 ng
RT: 8.539 min Scan# 944
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:107 Resp: 659797

Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.4	112.4
77	35.3	13.6	53.6
79	29.1	9.2	49.2



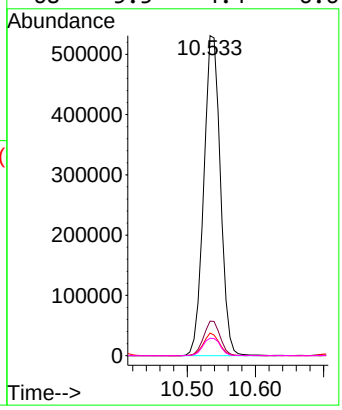


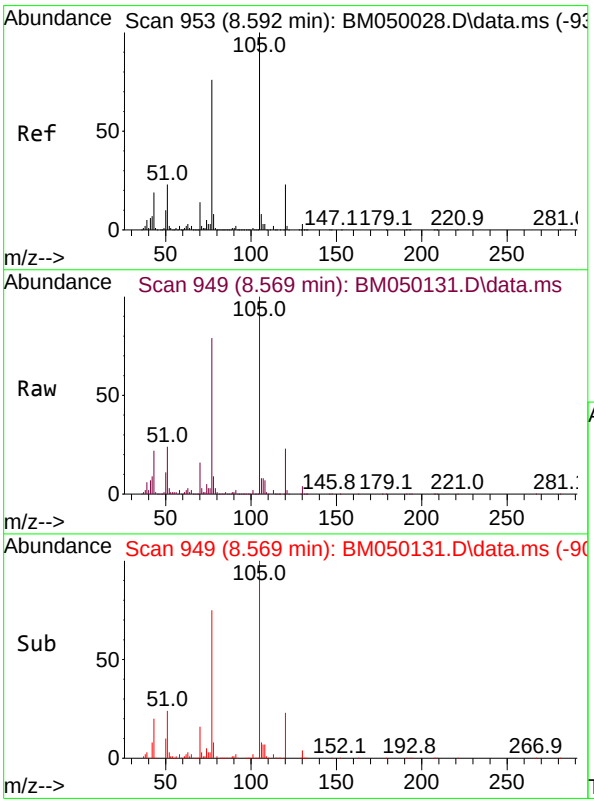
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:136 Resp: 899945

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	5.1	7.7
68	5.5	4.4	6.6

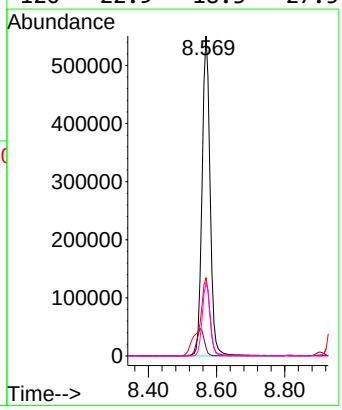


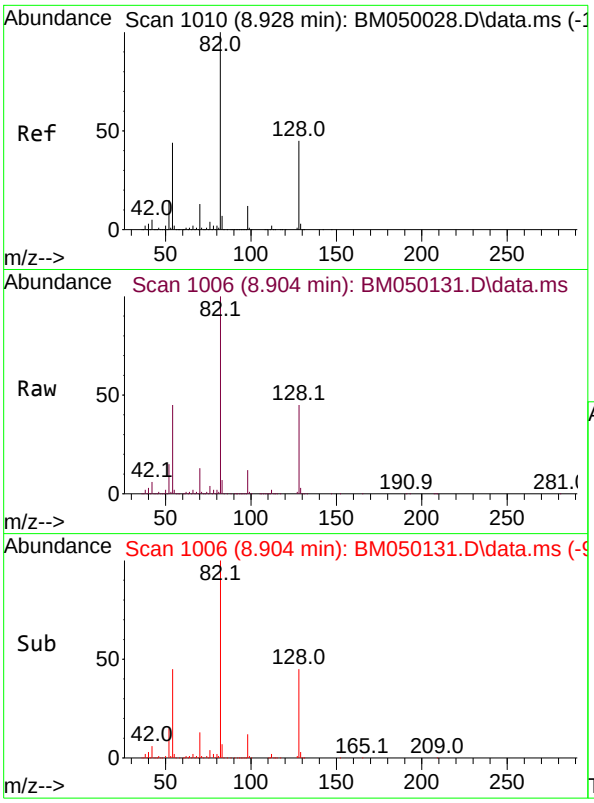


#22
Acetophenone
Concen: 40.587 ng
RT: 8.569 min Scan# 949
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:105 Resp: 908102

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.7	2.5#
51	24.4	18.6	27.8
120	22.9	18.3	27.5



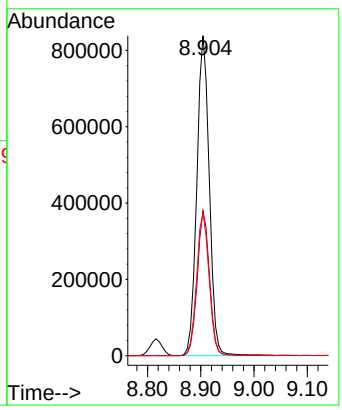


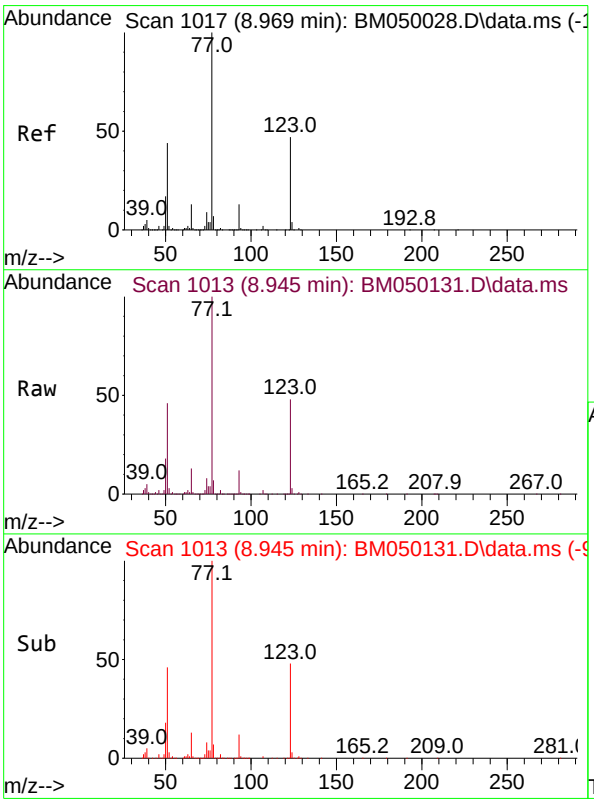
#23
Nitrobenzene-d5
Concen: 74.713 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 82 Resp: 1364497

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	44.5	35.4	53.2

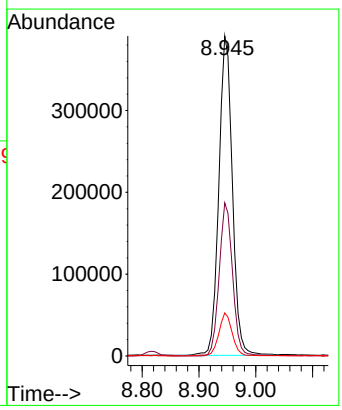


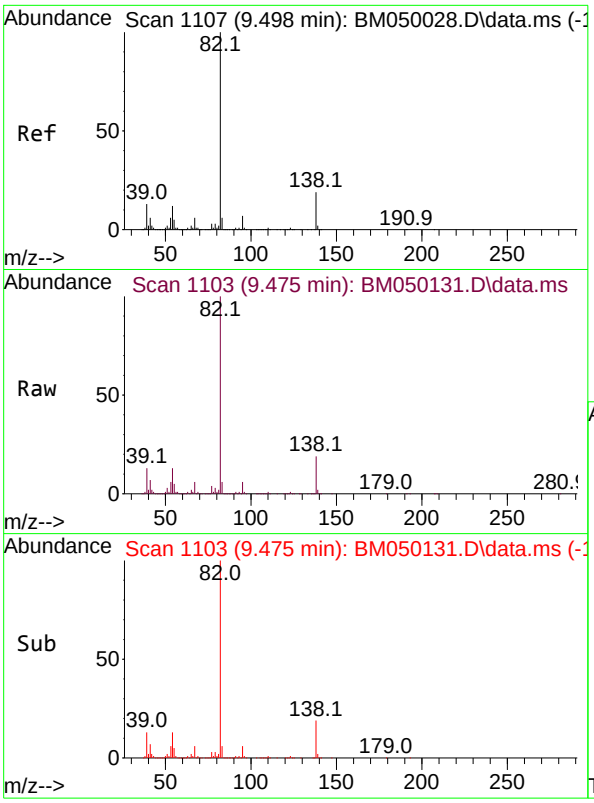


#24
Nitrobenzene
Concen: 41.116 ng
RT: 8.945 min Scan# 1013
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 77 Resp: 649290

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	13.5	10.1	15.1



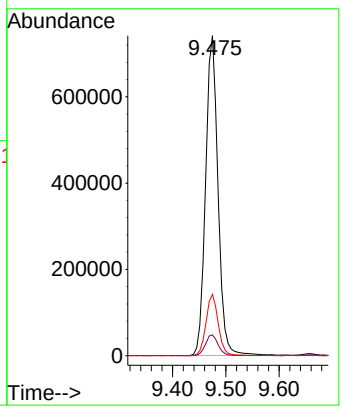


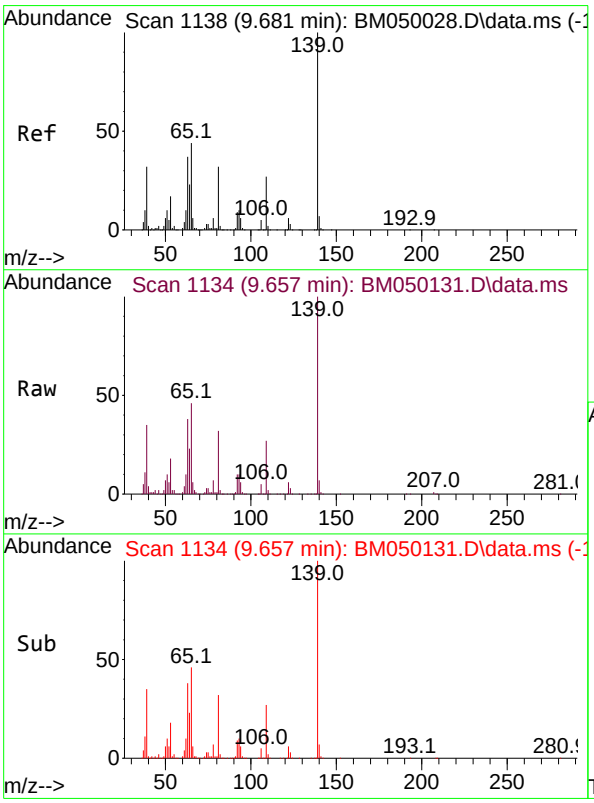
#25
Isophorone
Concen: 38.589 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 82 Resp: 1201333

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.7	8.5
138	19.1	15.5	23.3

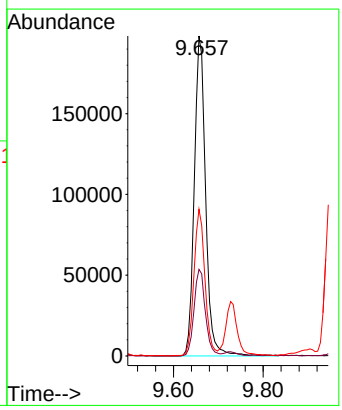


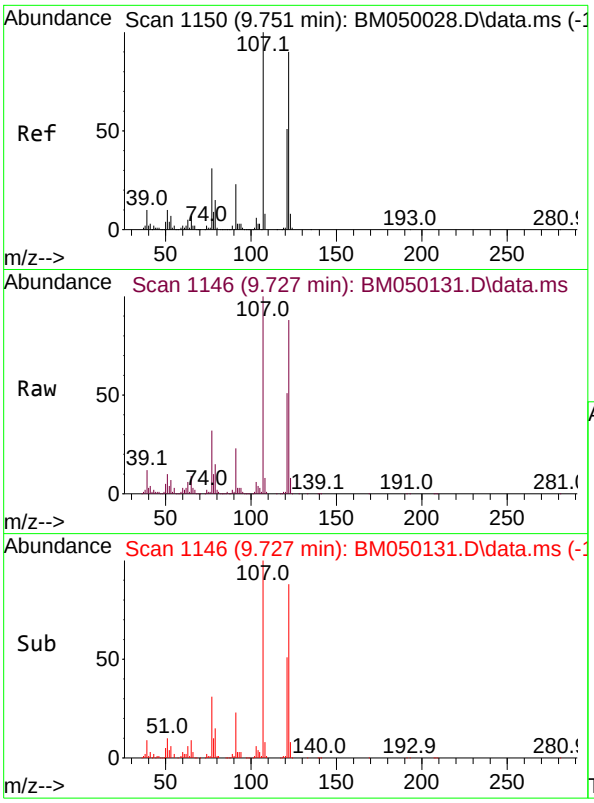


#26
2-Nitrophenol
Concen: 43.131 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:139 Resp: 347955

Ion	Ratio	Lower	Upper
139	100		
109	27.0	21.9	32.9
65	45.8	35.4	53.2



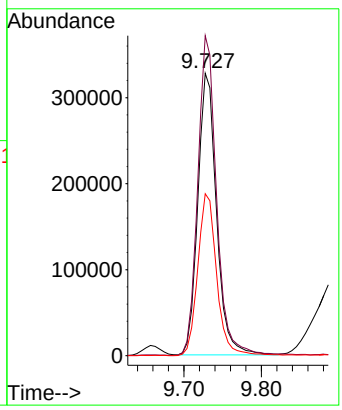


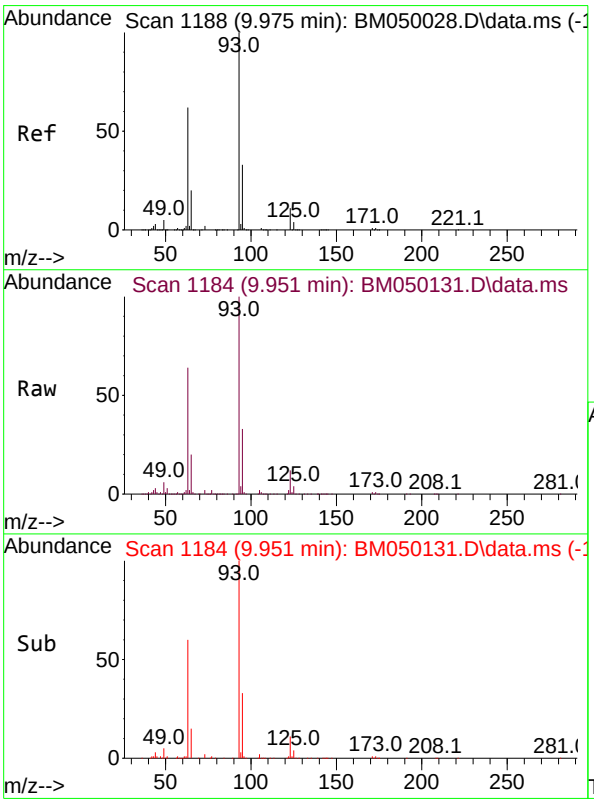
#27
2,4-Dimethylphenol
Concen: 41.043 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:122 Resp: 549101

Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.0	133.6
121	57.3	45.6	68.4

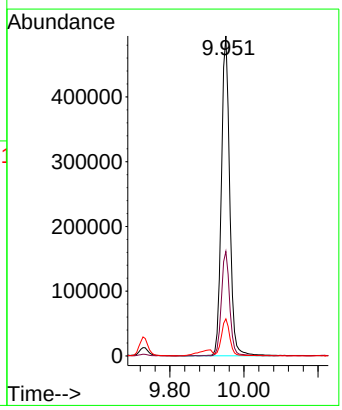


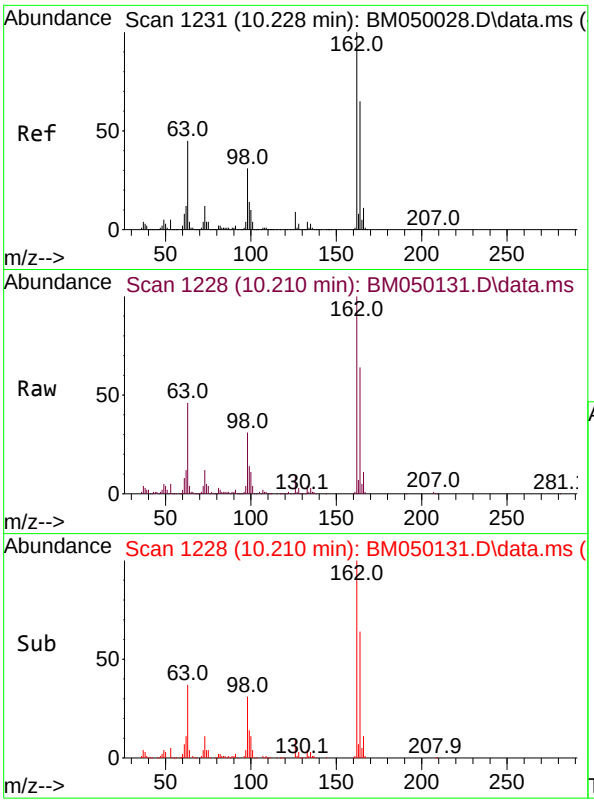


#28
bis(2-Chloroethoxy)methane
Concen: 39.987 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 93 Resp: 769423

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.1	39.1
123	11.6	9.5	14.3



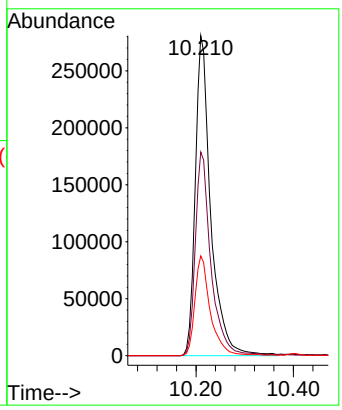


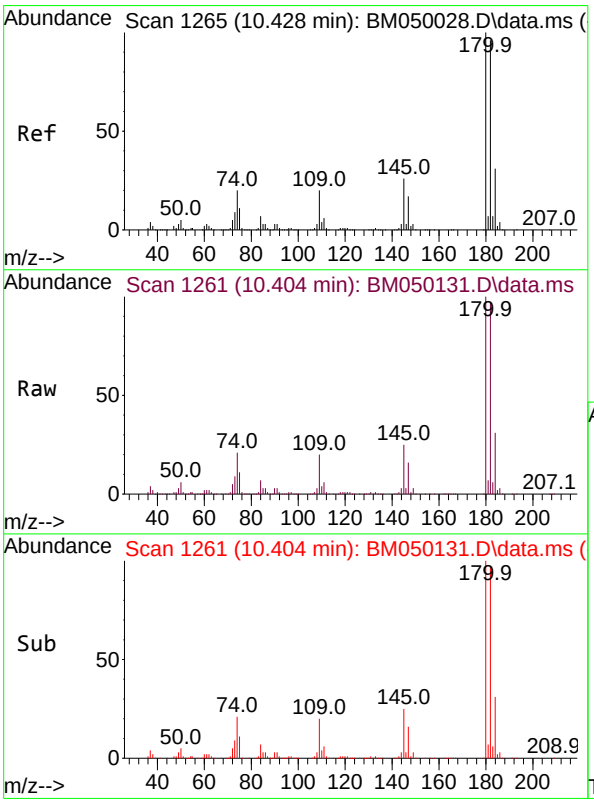
#29
2,4-Dichlorophenol
Concen: 41.463 ng
RT: 10.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:162 Resp: 621459

Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.4	85.4
98	31.2	11.3	51.3

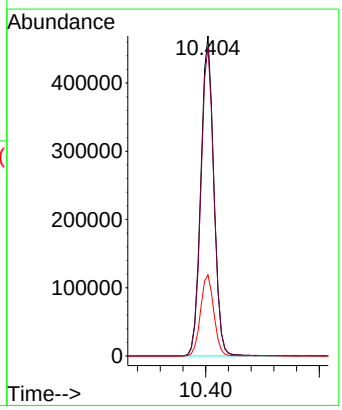


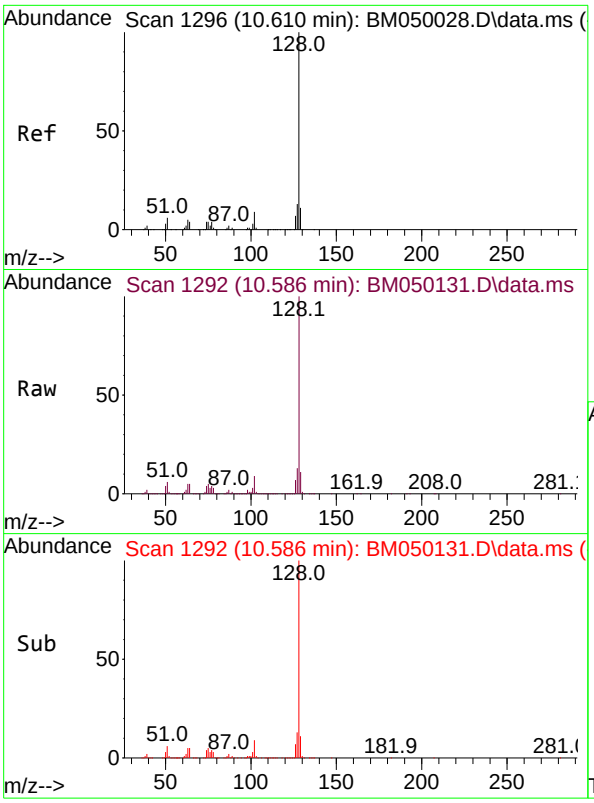


#30
1,2,4-Trichlorobenzene
Concen: 40.702 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:180 Resp: 743251

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.0	115.4
145	25.3	20.6	30.8



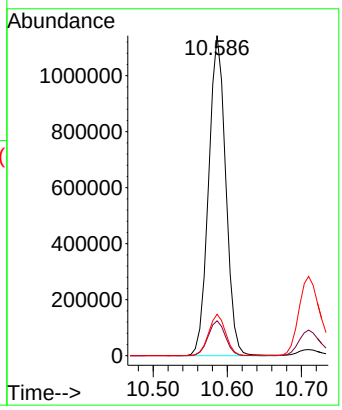


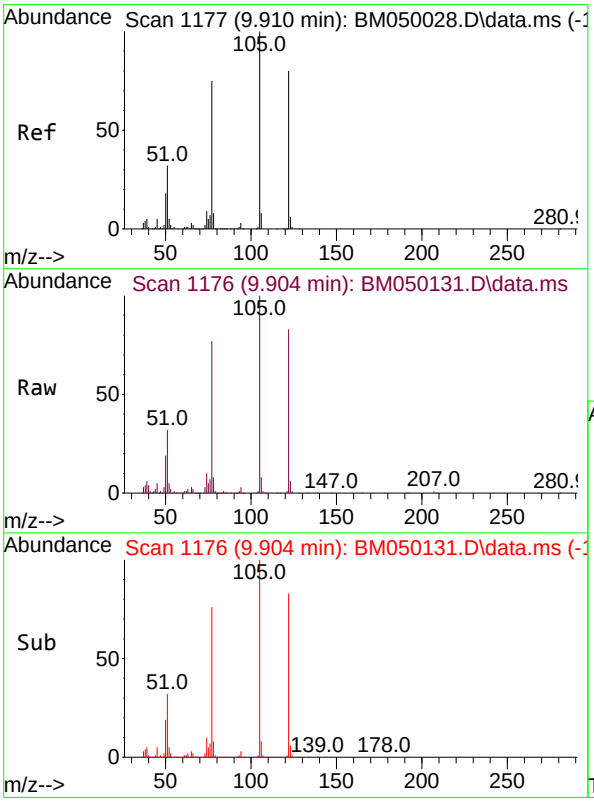
#31
Naphthalene
Concen: 40.168 ng
RT: 10.586 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:128 Resp: 1830672

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.4	15.6

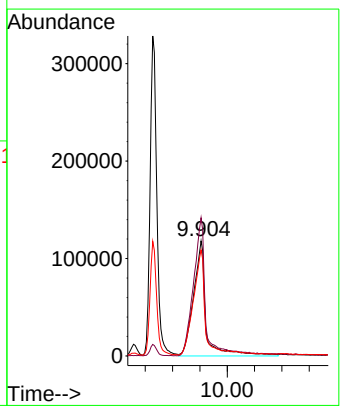


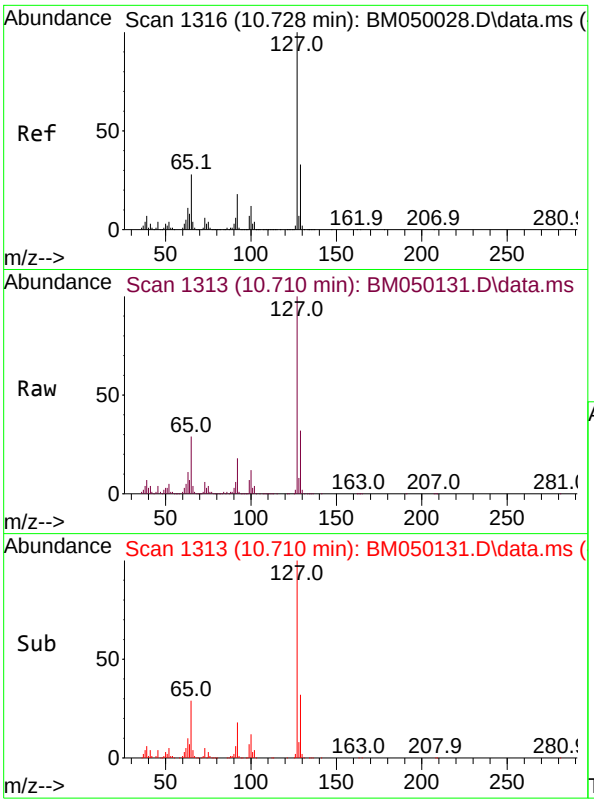


#32
Benzoic acid
Concen: 44.103 ng m
RT: 9.904 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:122 Resp: 377374

Ion	Ratio	Lower	Upper
122	100		
105	120.1	103.6	143.6
77	92.2	73.7	113.7



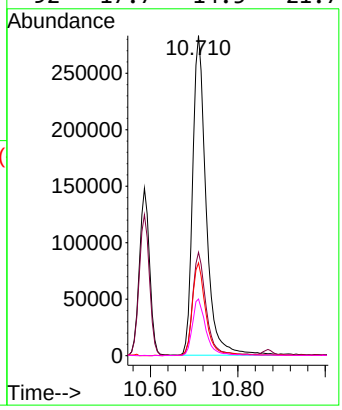


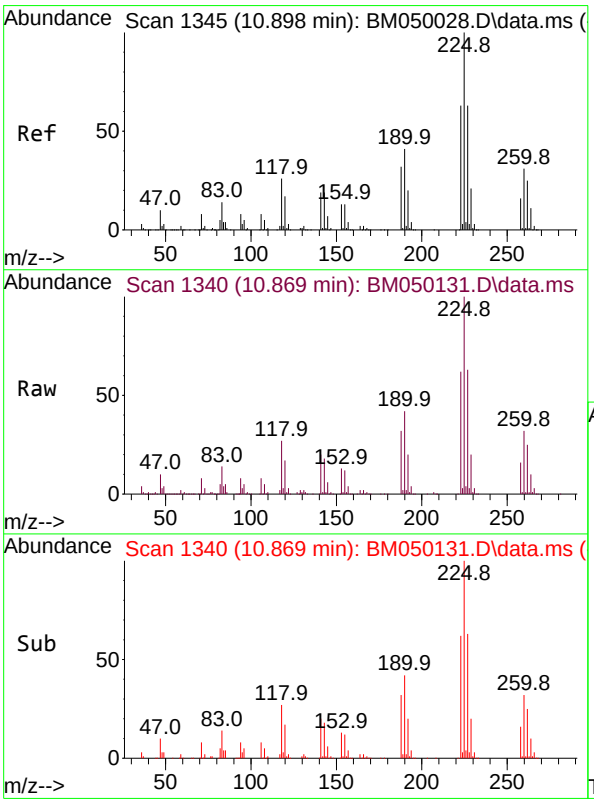
#33
4-Chloroaniline
Concen: 32.550 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:127 Resp: 608068

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	29.0	22.5	33.7
92	17.7	14.5	21.7

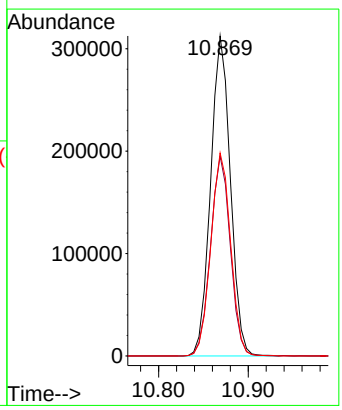


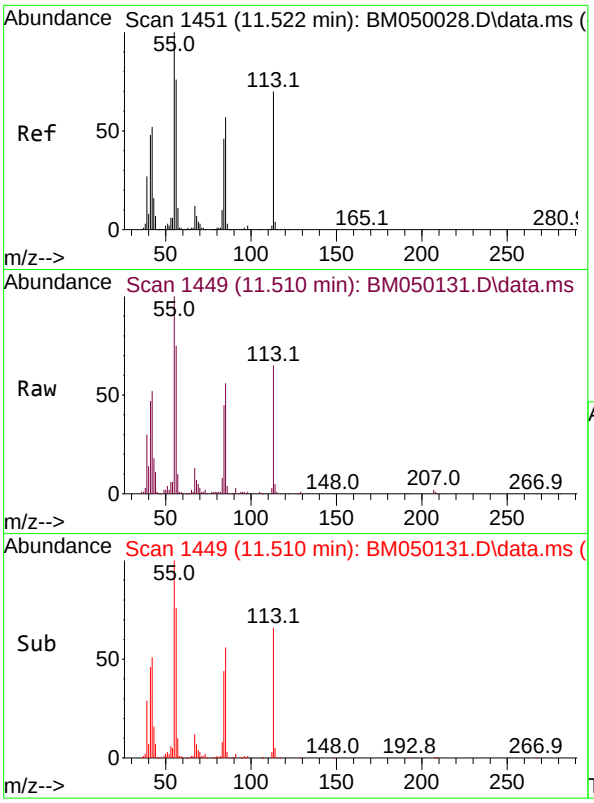


#34
Hexachlorobutadiene
Concen: 41.199 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:225 Resp: 477561

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	63.5	50.6	76.0



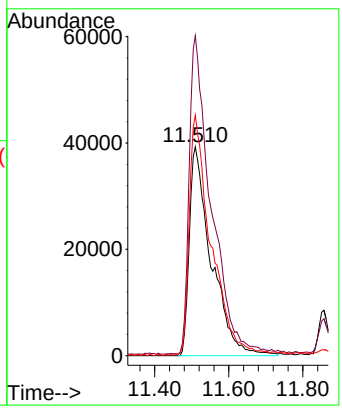


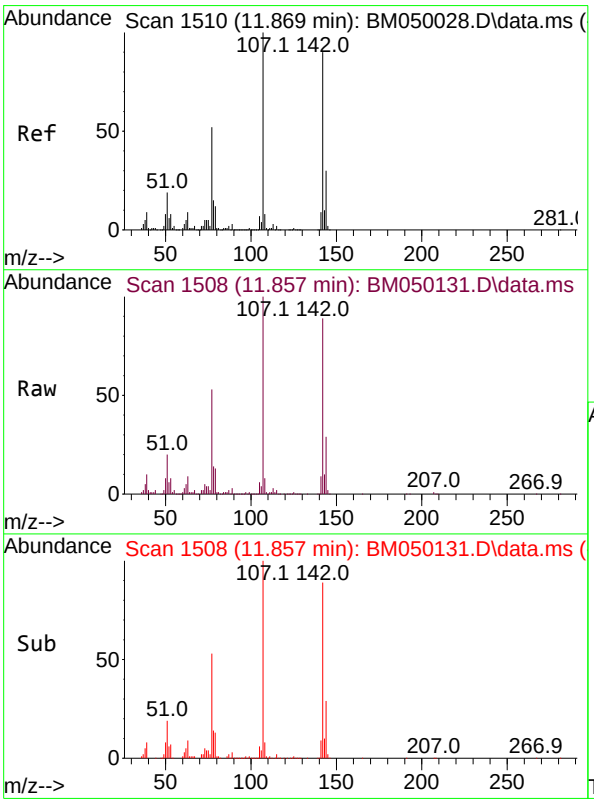
#35
Caprolactam
Concen: 36.781 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:113 Resp: 160738

Ion	Ratio	Lower	Upper
113	100		
55	153.3	122.9	162.9
56	115.3	88.1	128.1

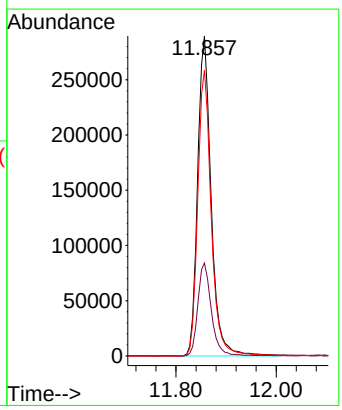


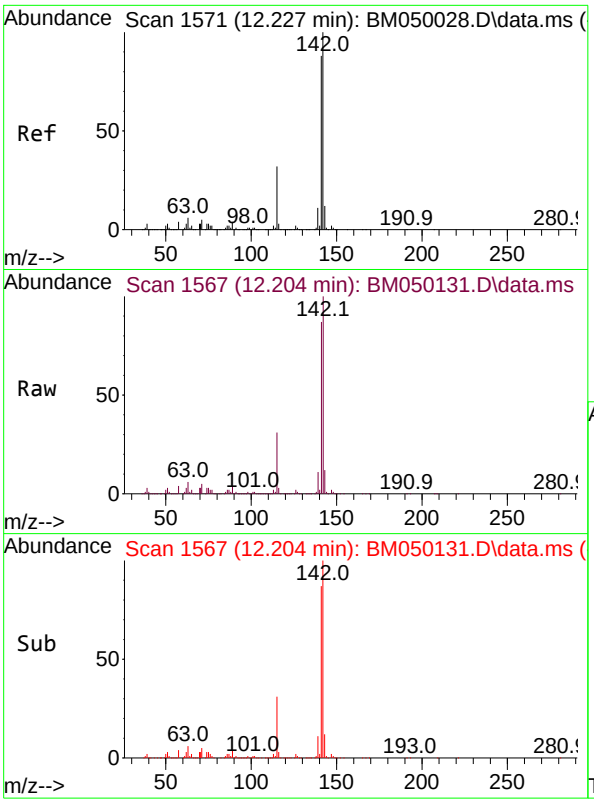


#36
4-Chloro-3-methylphenol
Concen: 39.143 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:107 Resp: 542023

Ion	Ratio	Lower	Upper
107	100		
144	29.0	23.8	35.6
142	89.3	71.9	107.9



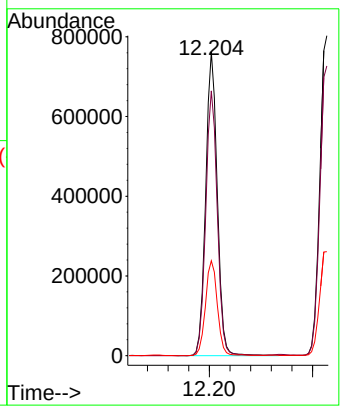


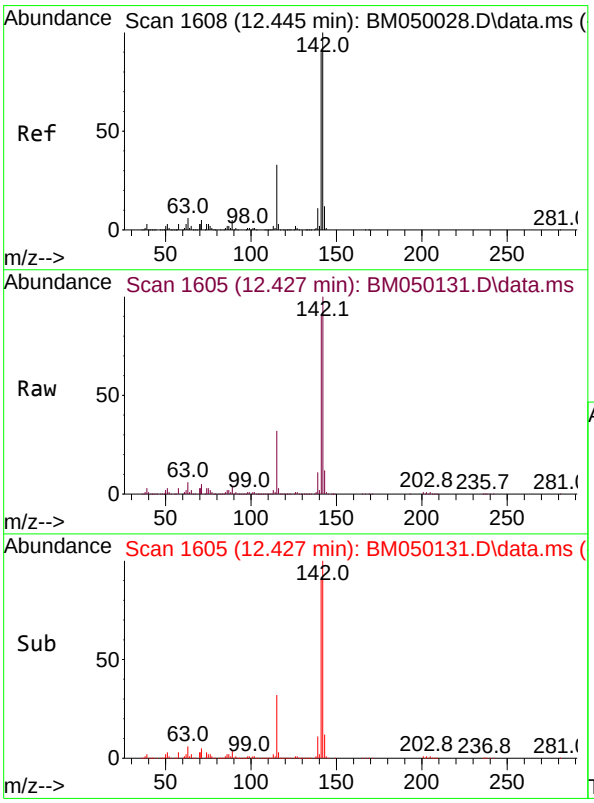
#37
2-Methylnaphthalene
Concen: 38.676 ng
RT: 12.204 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:142 Resp: 1181791

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.4	105.6
115	31.2	25.4	38.2

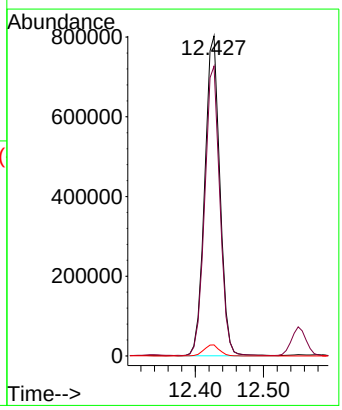


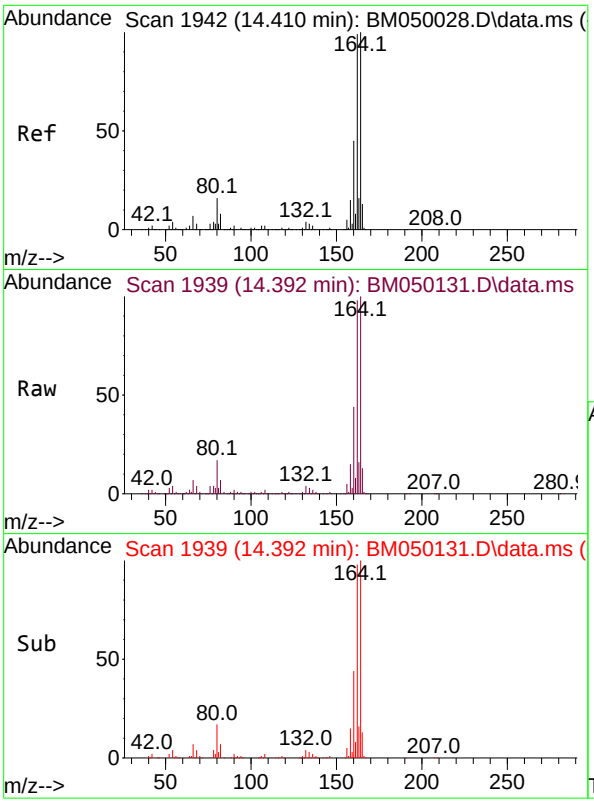


#38
1-Methylnaphthalene
Concen: 38.266 ng
RT: 12.427 min Scan# 1605
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:142 Resp: 1237396

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.1	108.1
116	3.5	2.7	4.1



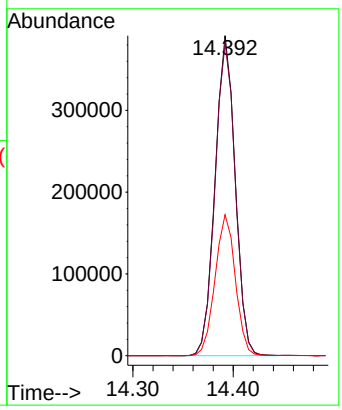


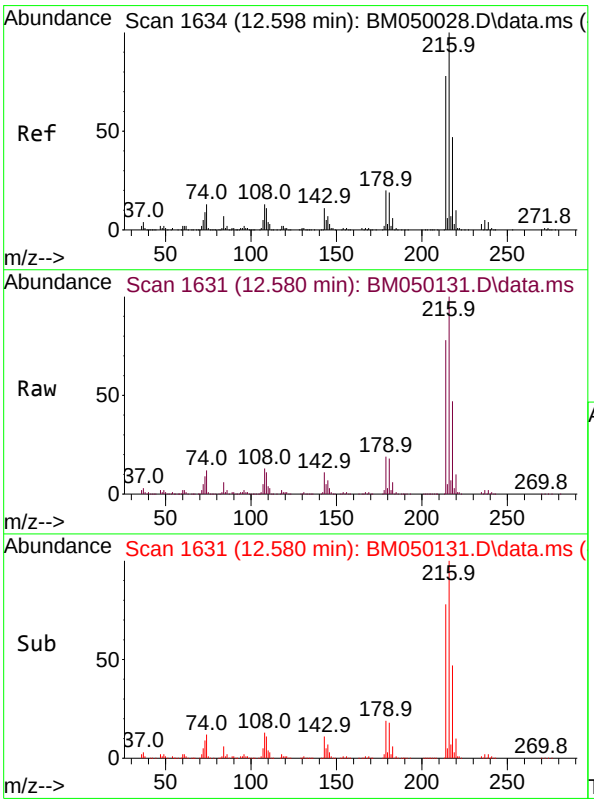
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:164 Resp: 545059

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.4	119.0
160	44.0	36.2	54.4

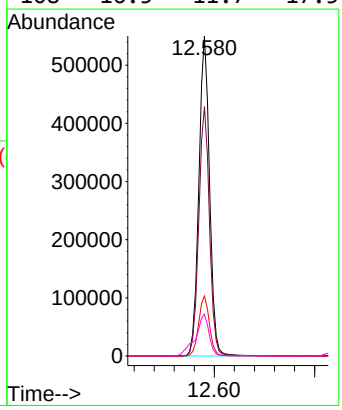


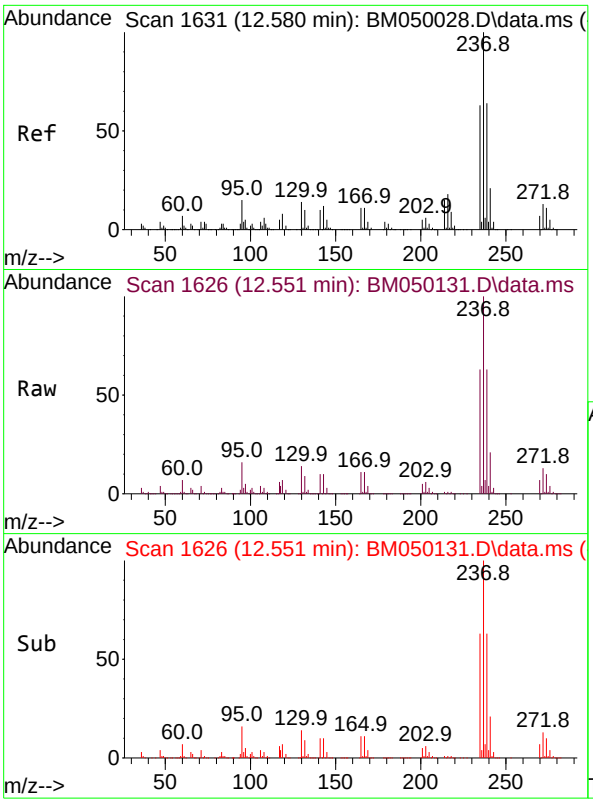


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.172 ng
RT: 12.580 min Scan# 1631
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:216 Resp: 814597

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	18.9	15.4	23.0
108	16.5	11.7	17.5



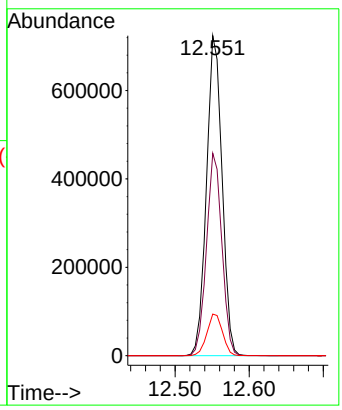


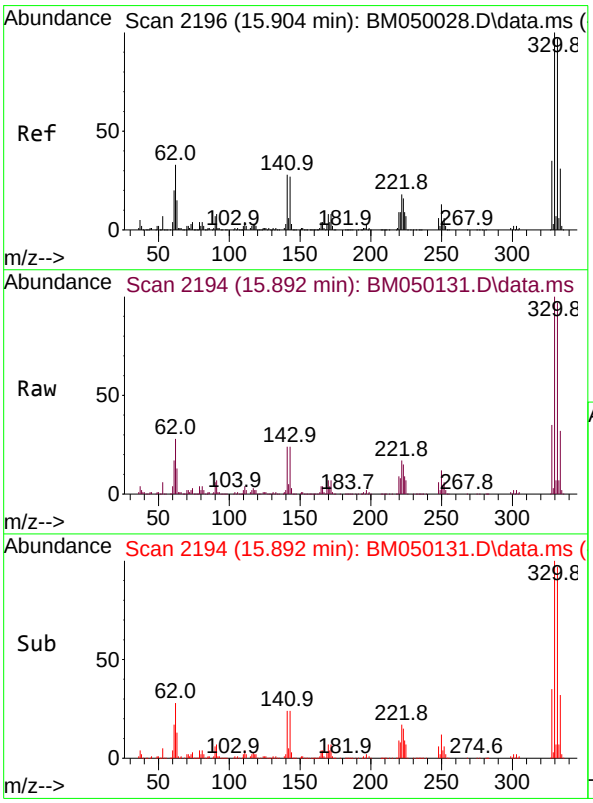
#41
Hexachlorocyclopentadiene
Concen: 91.545 ng
RT: 12.551 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:237 Resp: 1055598

Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.9	82.9
272	13.0	0.0	32.9

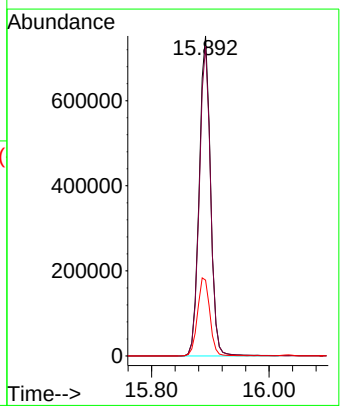


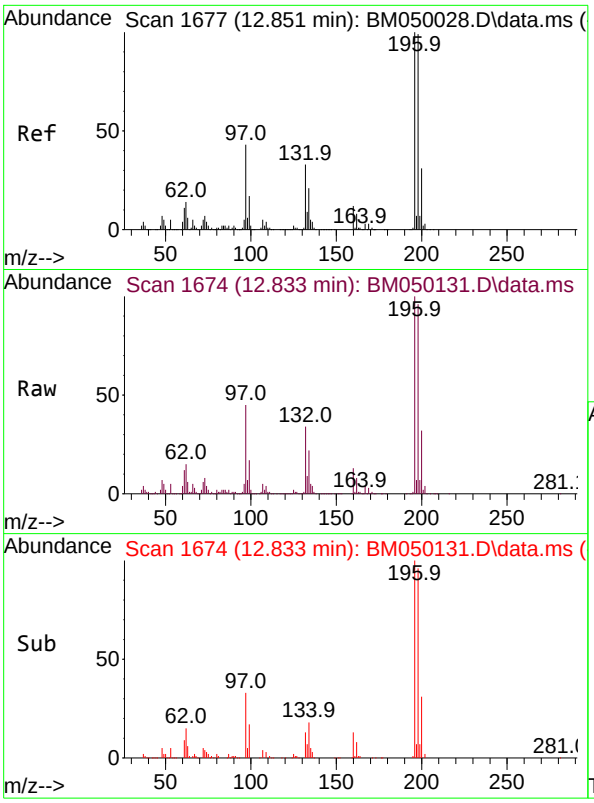


#42
2,4,6-Tribromophenol
Concen: 124.502 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:330 Resp: 1003416

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	26.6	22.5	33.7



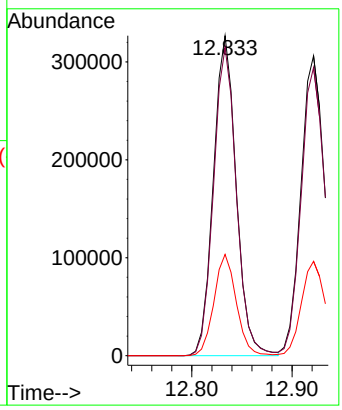


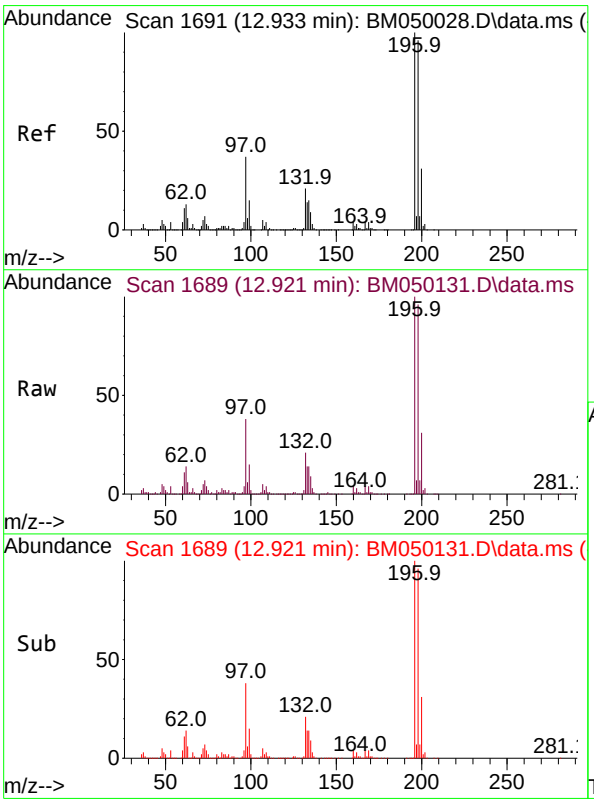
#43
2,4,6-Trichlorophenol
Concen: 43.159 ng
RT: 12.833 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:196 Resp: 516511

Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.0	118.6
200	31.6	25.1	37.7

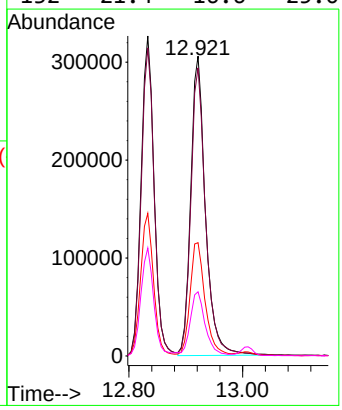


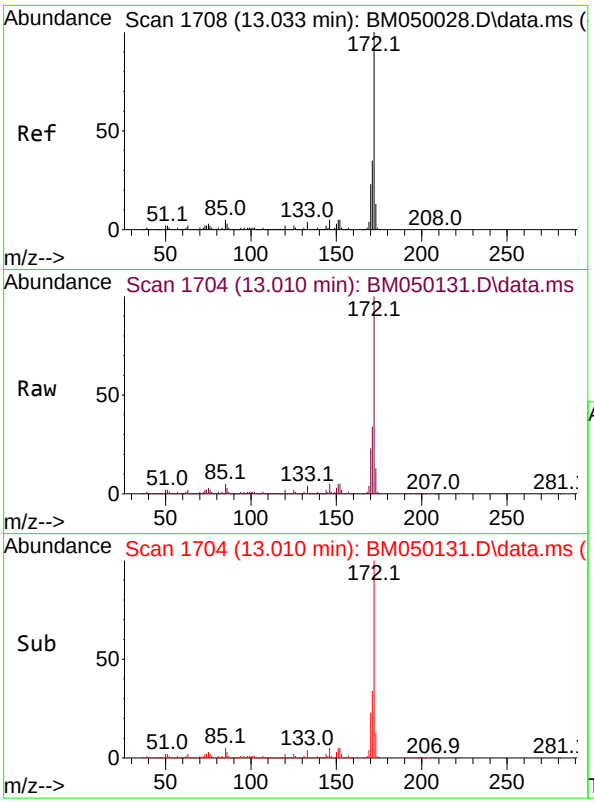


#44
2,4,5-Trichlorophenol
Concen: 42.923 ng
RT: 12.921 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:196 Resp: 553935

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.7	115.1
97	37.8	30.1	45.1
132	21.4	16.6	25.0



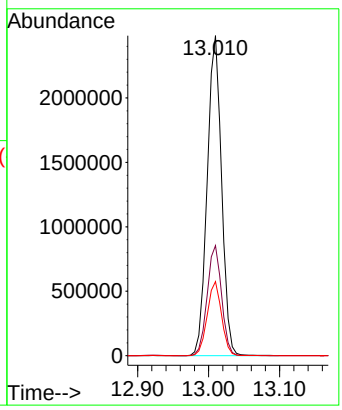


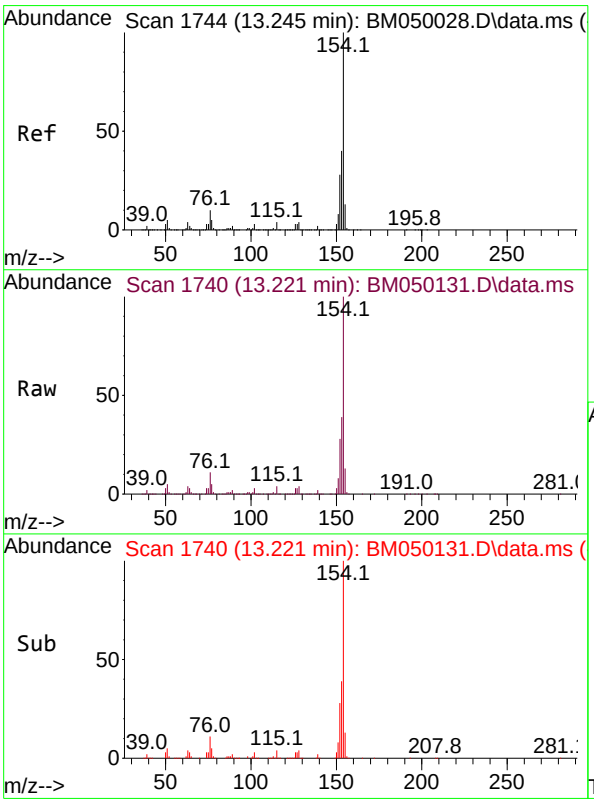
#45
2-Fluorobiphenyl
Concen: 75.756 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:172 Resp: 3490450

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.2	18.6	28.0

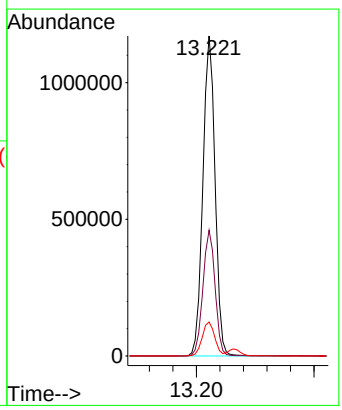


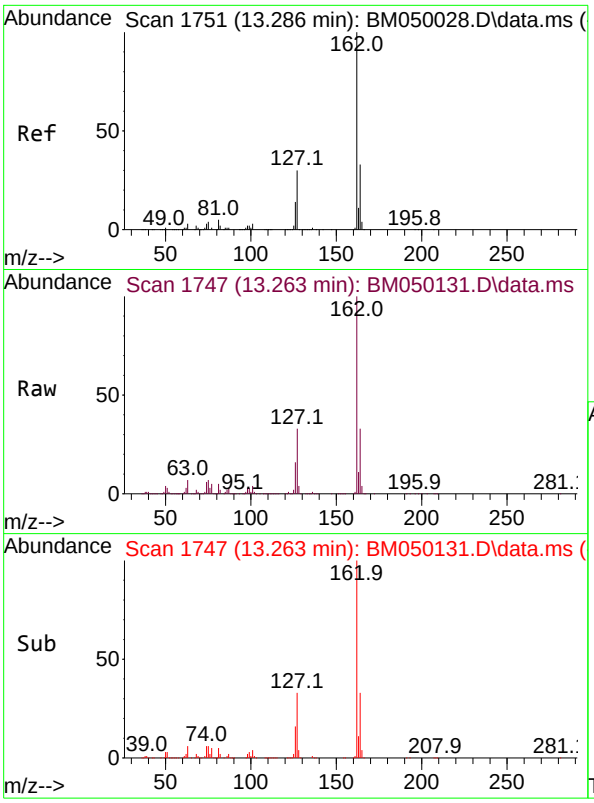


#46
1,1'-Biphenyl
Concen: 41.474 ng
RT: 13.221 min Scan# 1740
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:154 Resp: 1680406

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	10.6	0.0	30.3



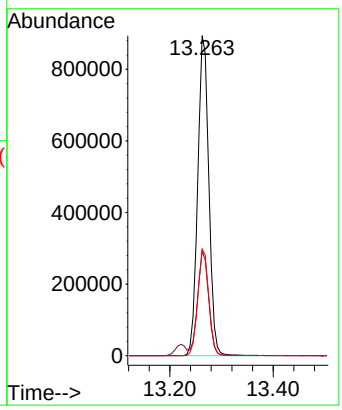


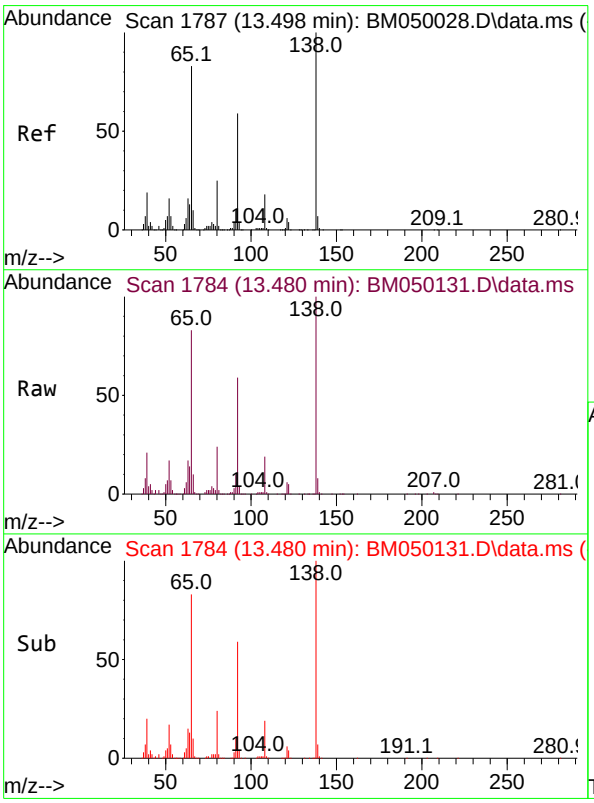
#47
2-Chloronaphthalene
Concen: 41.519 ng
RT: 13.263 min Scan# 1
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:162 Resp: 1332315

Ion	Ratio	Lower	Upper
162	100		
127	32.8	25.9	38.9
164	33.3	26.6	40.0

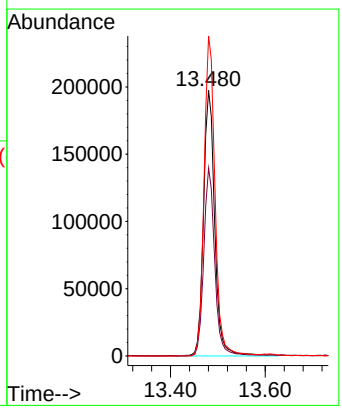


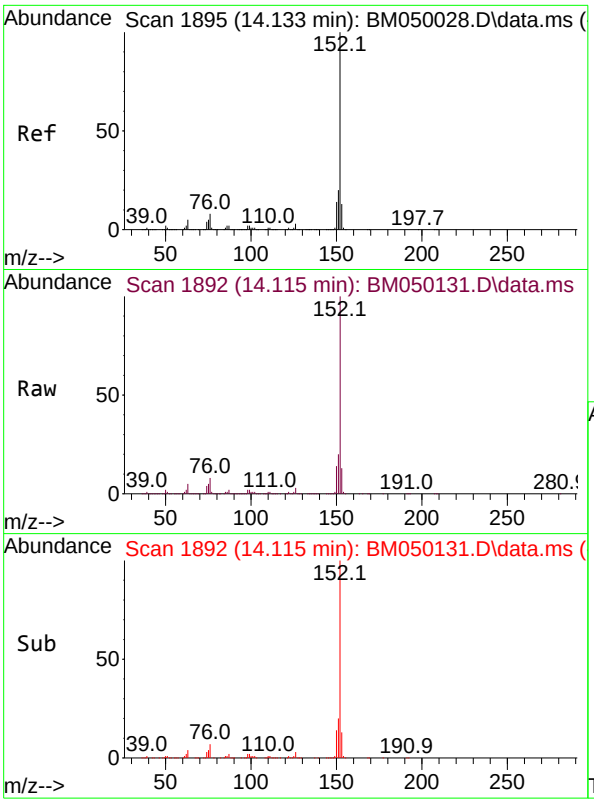


#48
2-Nitroaniline
Concen: 43.138 ng
RT: 13.480 min Scan# 1784
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion: 65 Resp: 324890

Ion	Ratio	Lower	Upper
65	100		
92	70.8	57.1	85.7
138	120.5	97.0	145.4



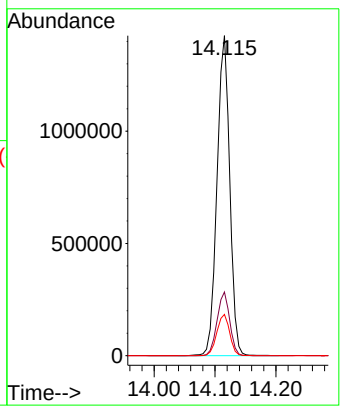


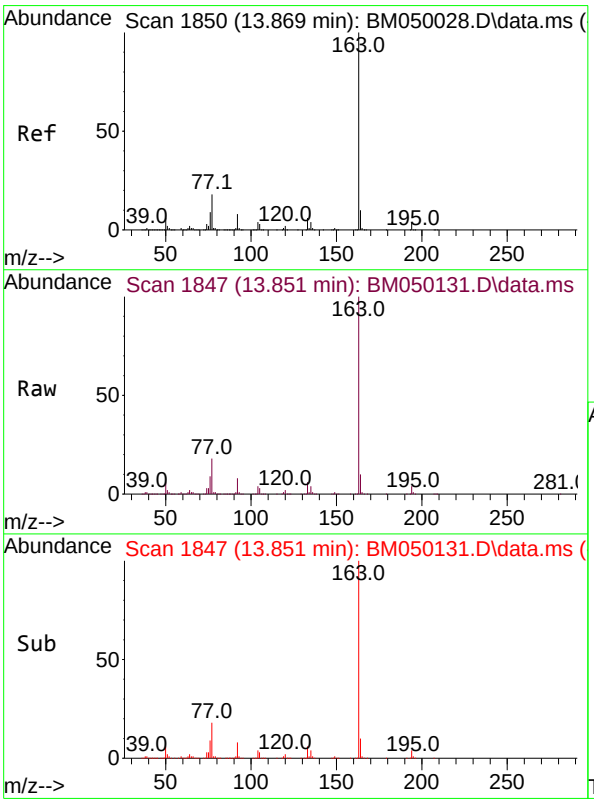
#49
Acenaphthylene
Concen: 40.848 ng
RT: 14.115 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:152 Resp: 2066740

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.9	10.6	15.8

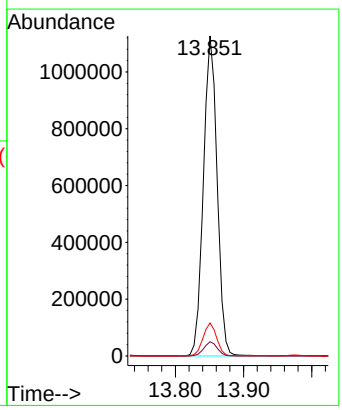


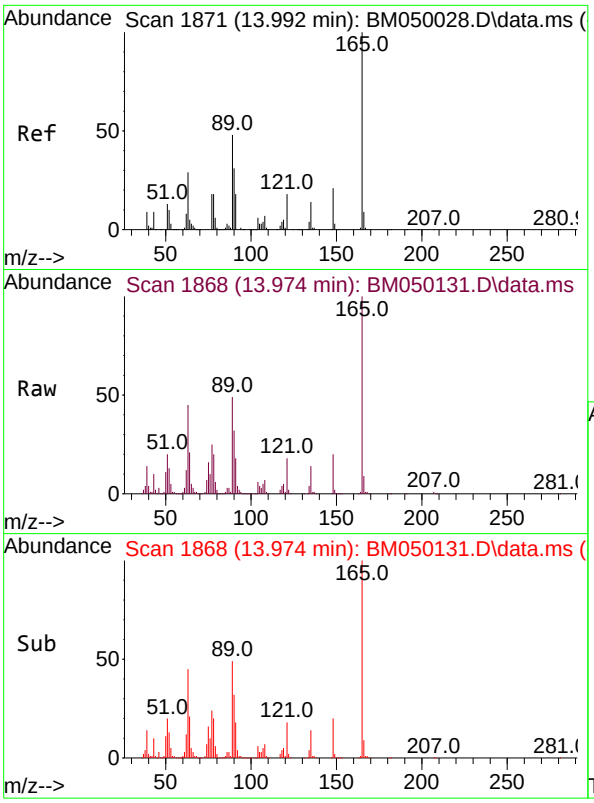


#50
Dimethylphthalate
Concen: 39.649 ng
RT: 13.851 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:163 Resp: 1579379

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.2	12.2



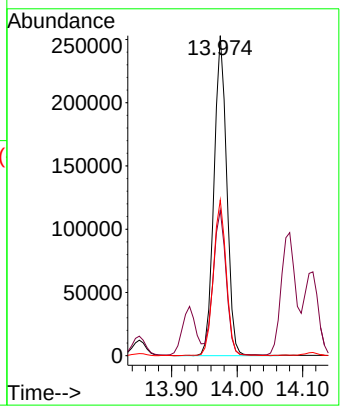


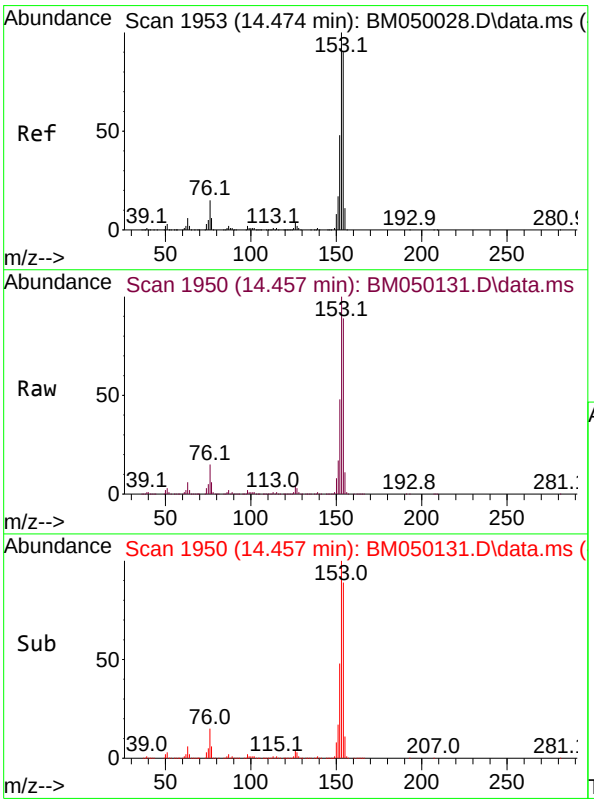
#51
2,6-Dinitrotoluene
Concen: 41.327 ng
RT: 13.974 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:165 Resp: 340840

Ion	Ratio	Lower	Upper
165	100		
63	45.5	35.1	52.7
89	48.6	38.4	57.6

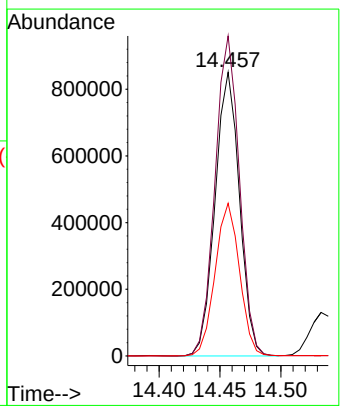


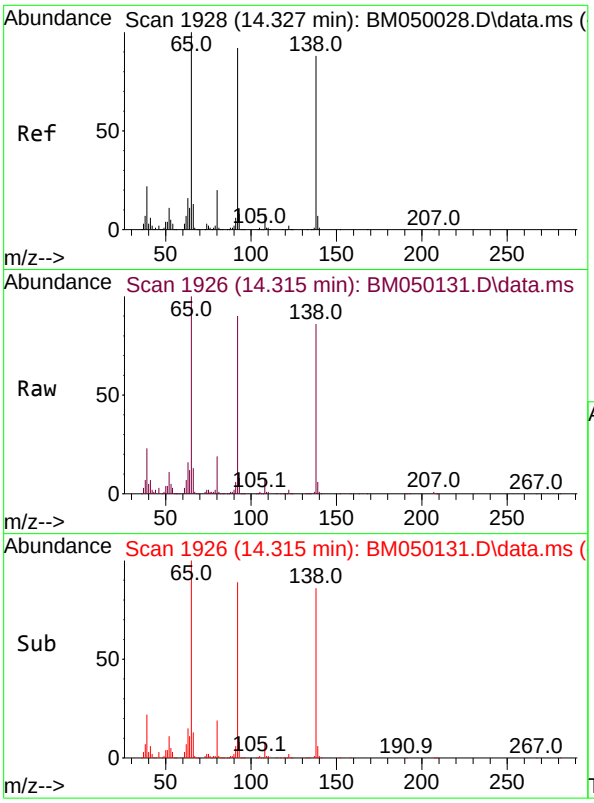


#52
Acenaphthene
Concen: 40.558 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:154 Resp: 1187802

Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.0	133.4
152	53.8	43.0	64.6



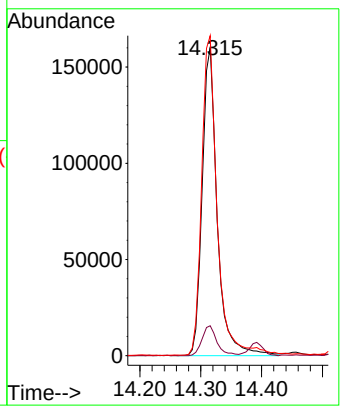


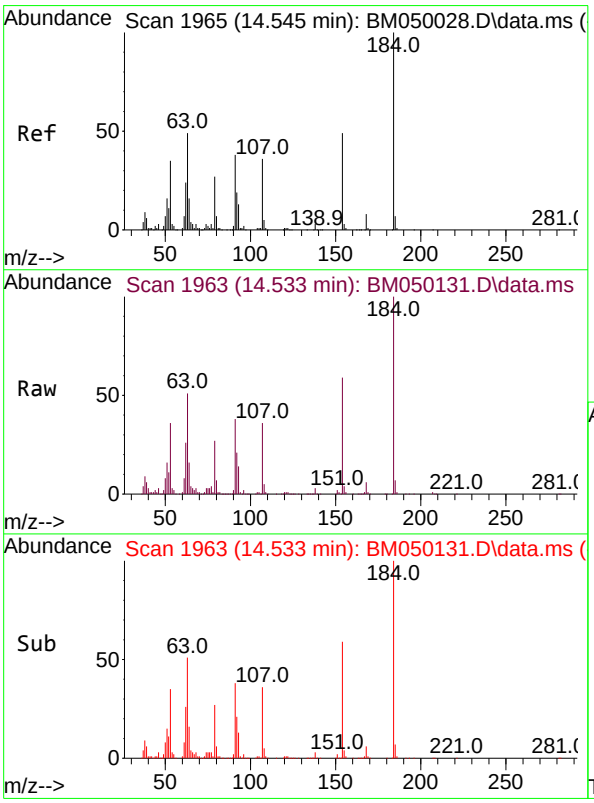
#53
3-Nitroaniline
Concen: 35.017 ng
RT: 14.315 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:138 Resp: 275720

Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.4	11.2
92	103.8	84.0	126.0

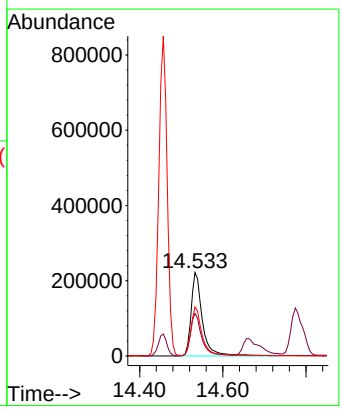


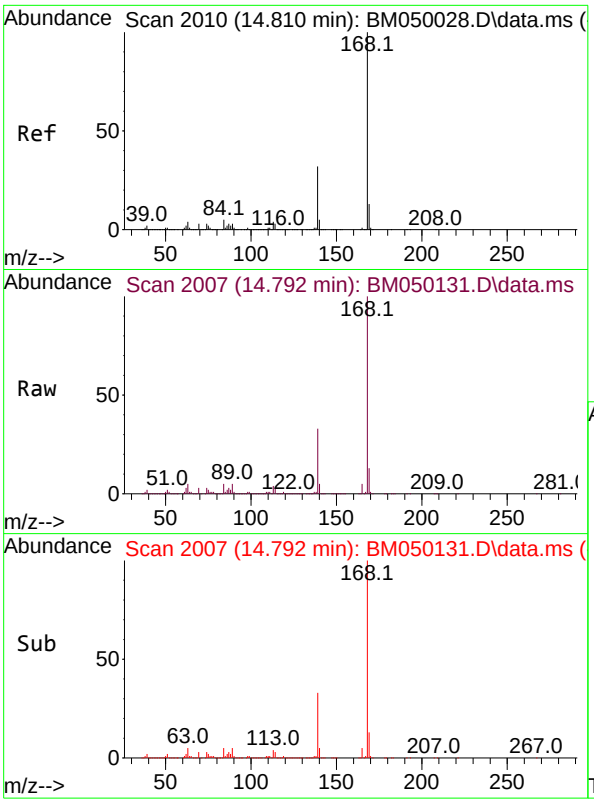


#54
2,4-Dinitrophenol
Concen: 79.076 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:184 Resp: 416990

Ion	Ratio	Lower	Upper
184	100		
63	50.8	39.8	59.6
154	59.0	46.1	69.1



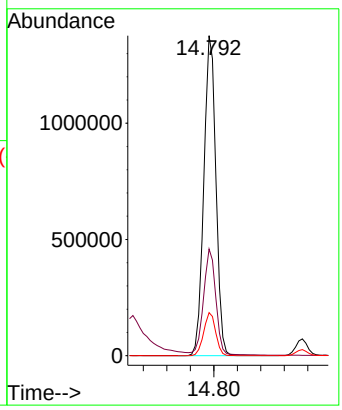


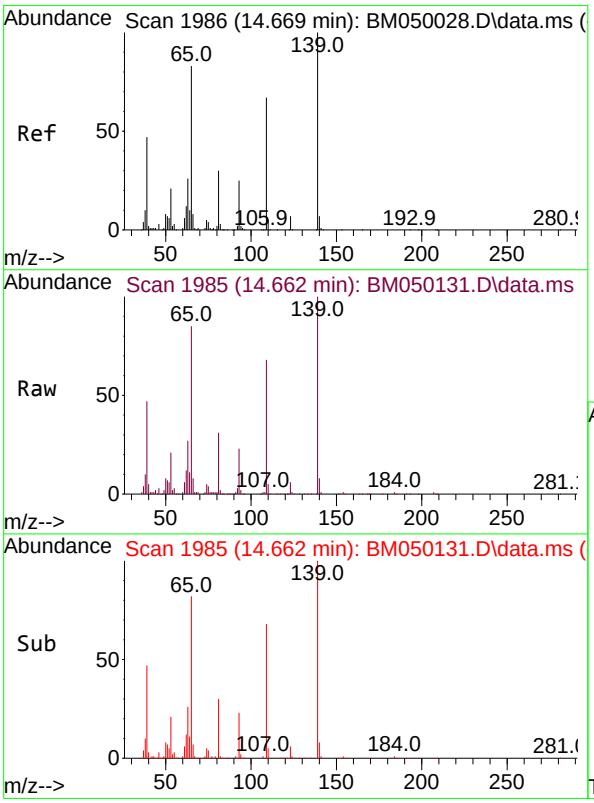
#55
Dibenzofuran
Concen: 40.232 ng
RT: 14.792 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:168 Resp: 1960335

Ion	Ratio	Lower	Upper
168	100		
139	33.3	26.1	39.1
169	13.5	10.8	16.2

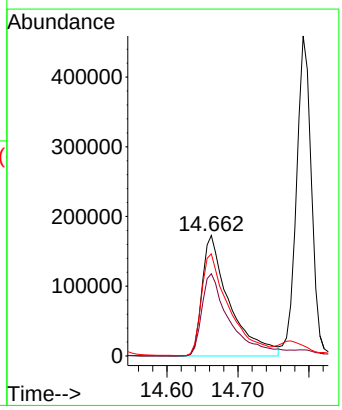


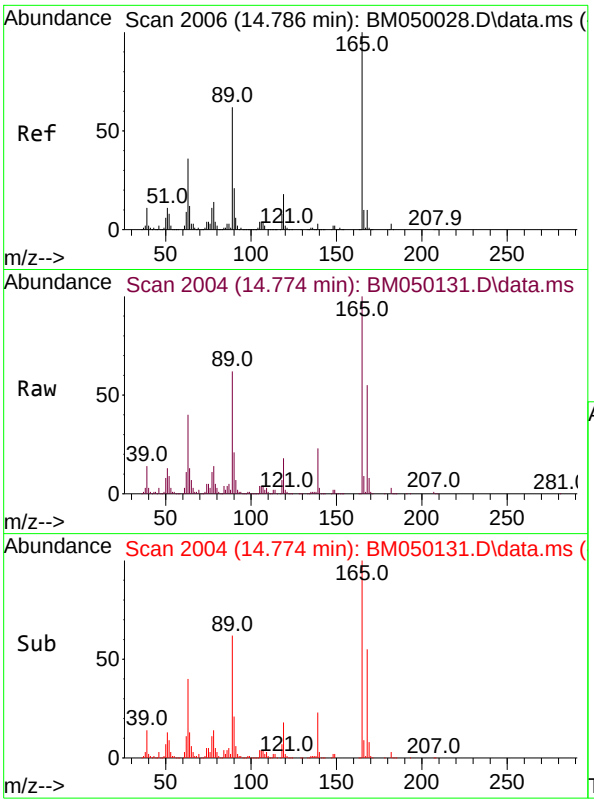


#56
4-Nitrophenol
Concen: 72.924 ng
RT: 14.662 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:139 Resp: 464411

Ion	Ratio	Lower	Upper
139	100		
109	68.3	47.0	87.0
65	84.8	64.3	104.3



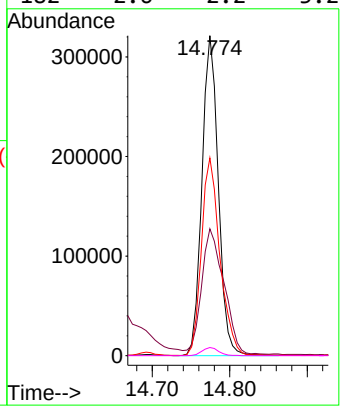


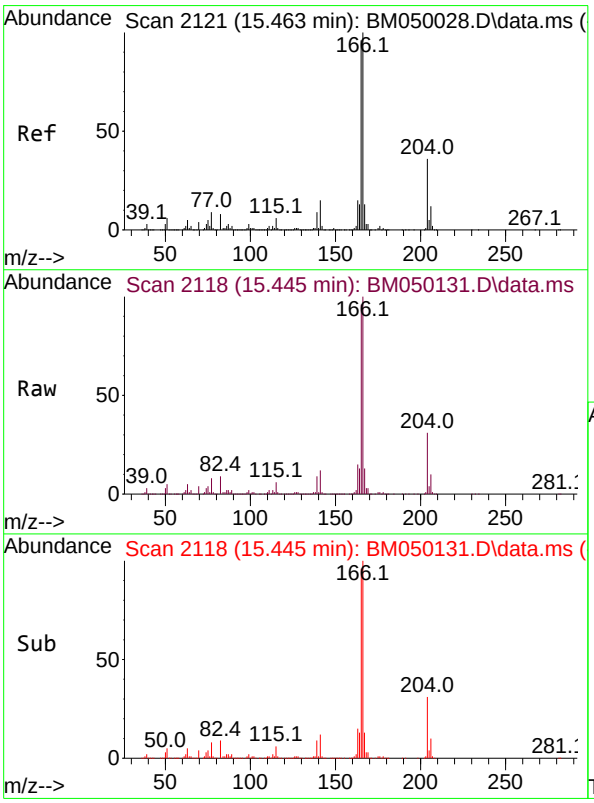
#57
2,4-Dinitrotoluene
Concen: 41.347 ng
RT: 14.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:165 Resp: 471194

Ion	Ratio	Lower	Upper
165	100		
63	39.7	29.0	43.6
89	61.8	49.4	74.2
182	2.6	2.2	3.2

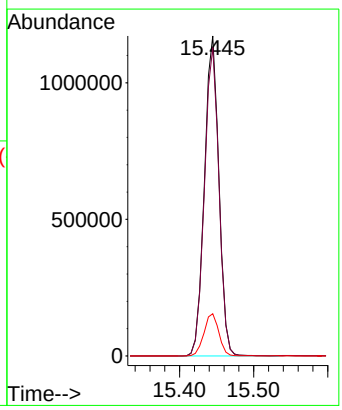


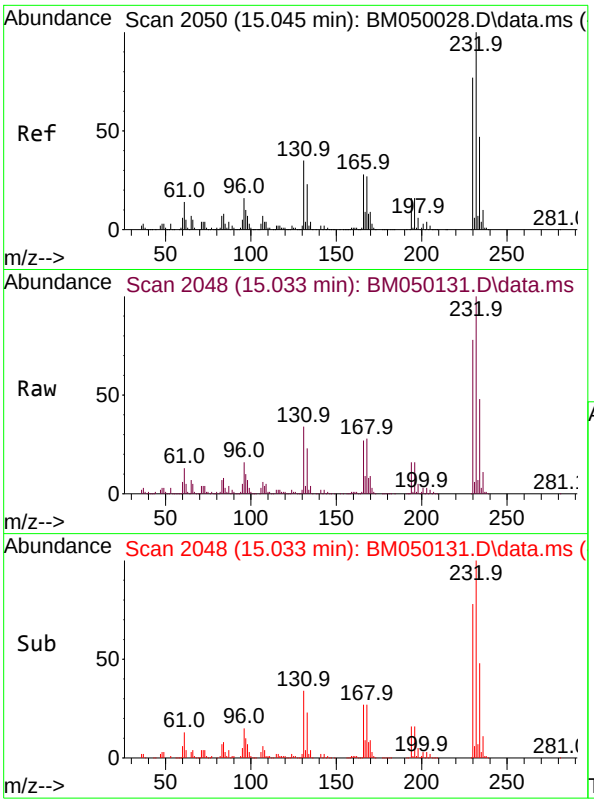


#58
Fluorene
Concen: 39.840 ng
RT: 15.445 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:166 Resp: 1588960

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	13.2	10.6	16.0



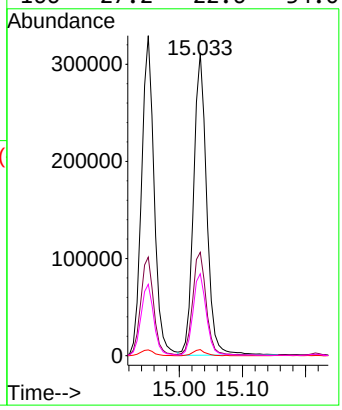


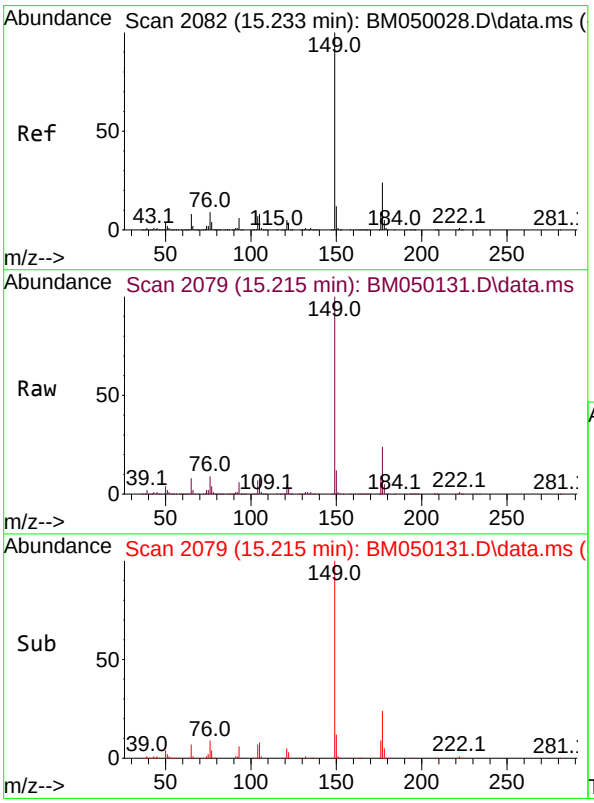
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.133 ng
RT: 15.033 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:232 Resp: 448324

Ion	Ratio	Lower	Upper
232	100		
131	35.5	28.2	42.4
130	1.9	1.5	2.3
166	27.2	22.6	34.0

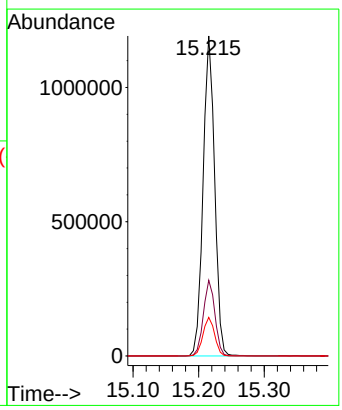


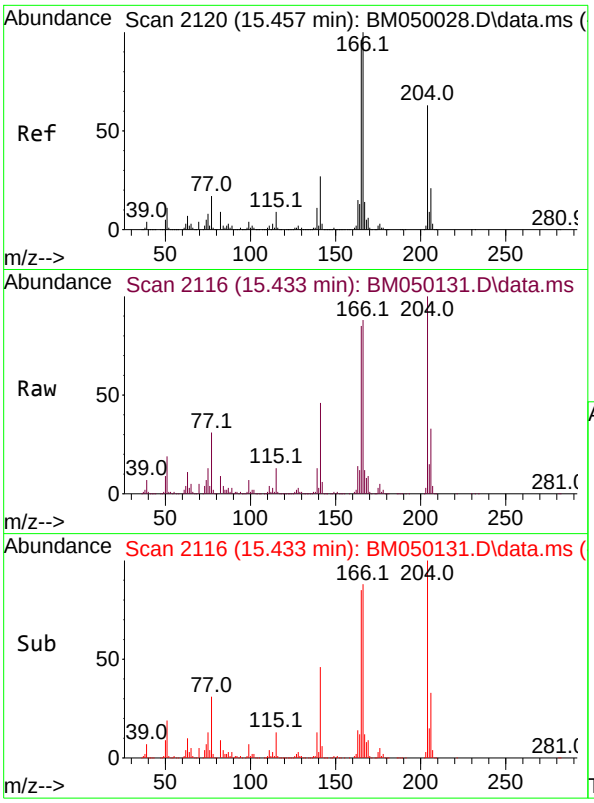


#60
Diethylphthalate
Concen: 38.959 ng
RT: 15.215 min Scan# 2079
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 1462298

Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.1	28.7
150	12.1	9.6	14.4



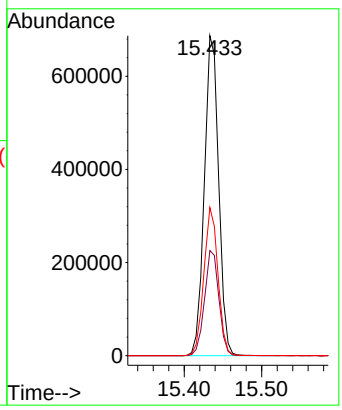


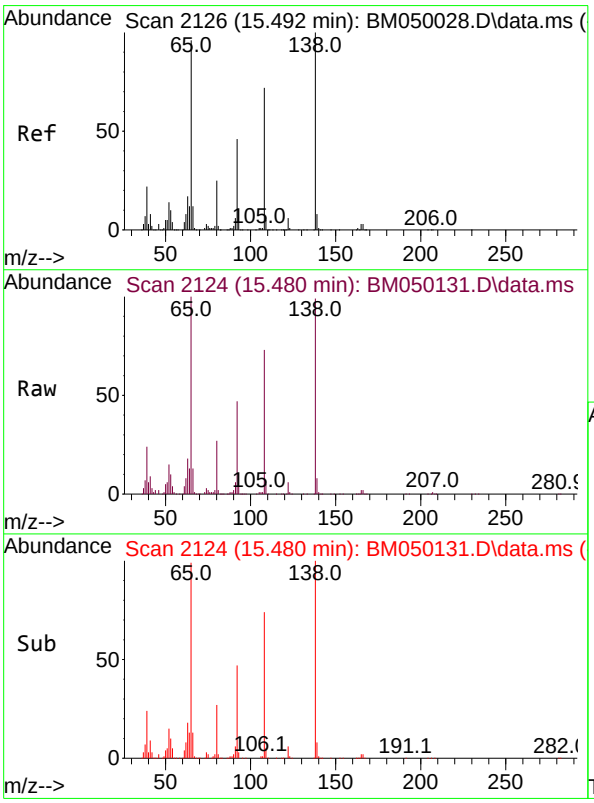
#61
4-Chlorophenyl-phenylether
Concen: 40.159 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:204 Resp: 879735

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	46.3	34.0	51.0

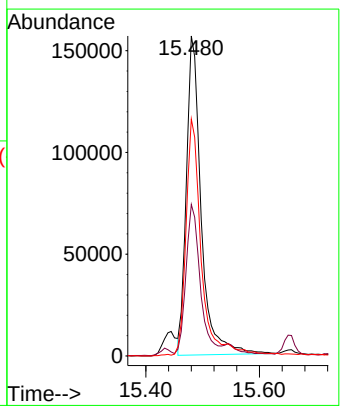


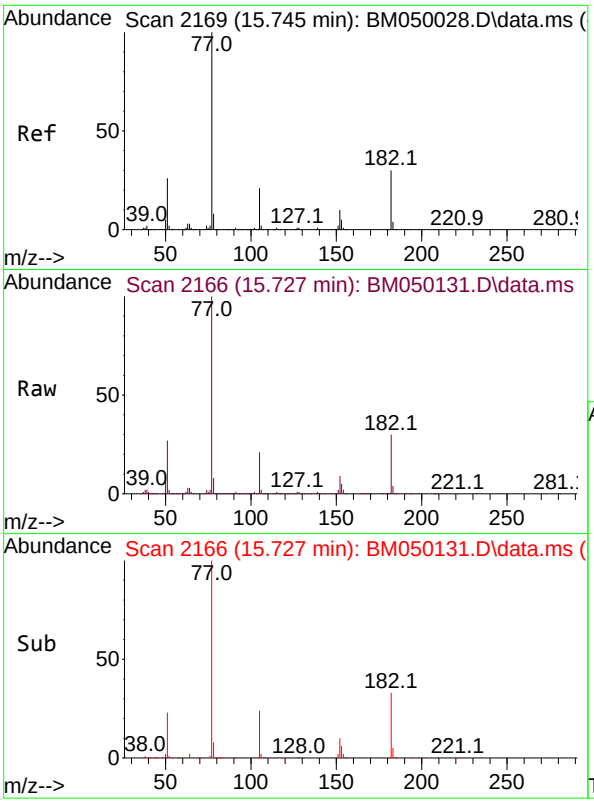


#62
4-Nitroaniline
Concen: 37.310 ng
RT: 15.480 min Scan# 2124
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:138 Resp: 283435

Ion	Ratio	Lower	Upper
138	100		
92	47.3	25.9	65.9
108	74.1	52.4	92.4



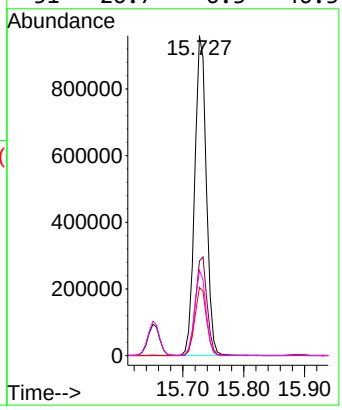


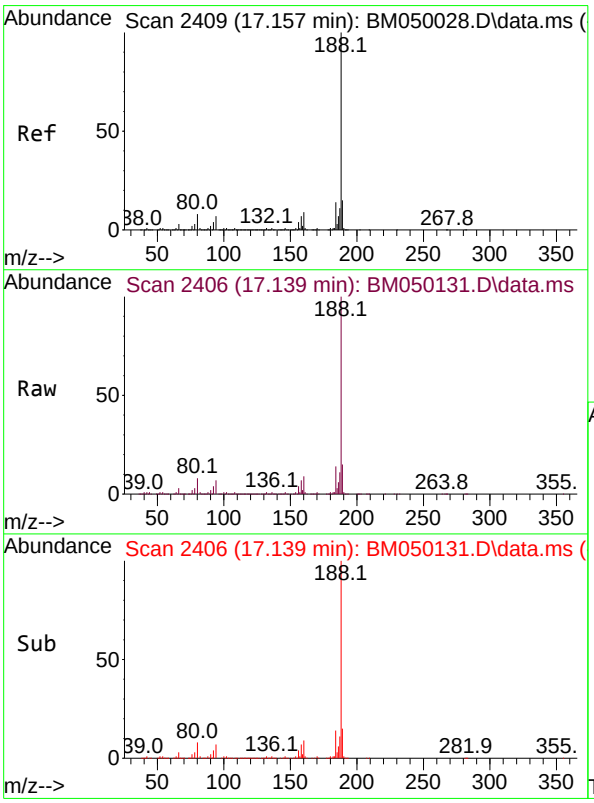
#63
Azobenzene
Concen: 40.331 ng
RT: 15.727 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion: 77 Resp: 1268653

Ion	Ratio	Lower	Upper
77	100		
182	29.6	10.5	50.5
105	21.3	1.1	41.1
51	26.7	6.3	46.3

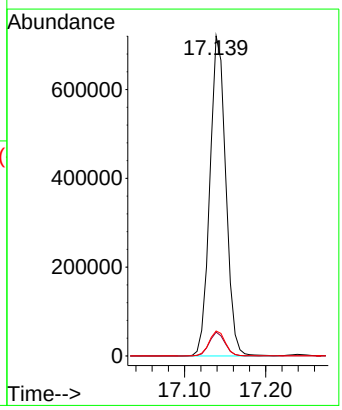


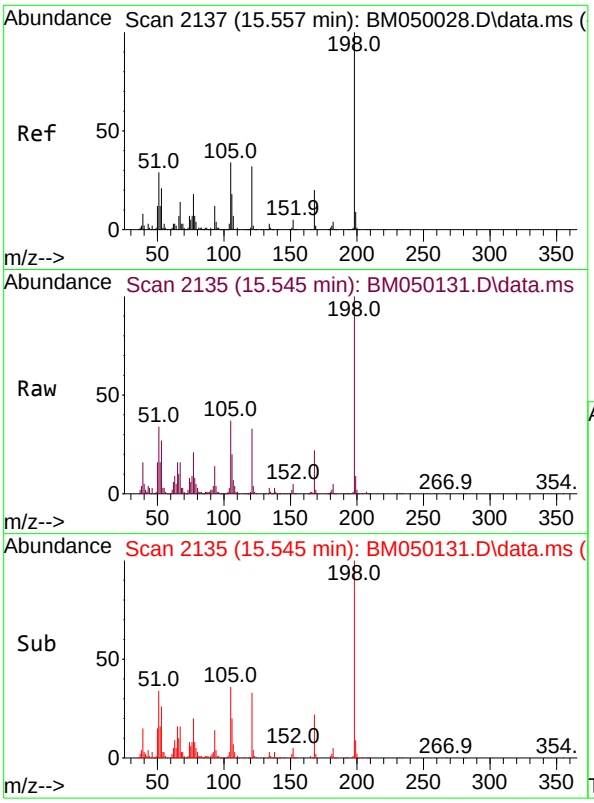


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:188 Resp: 982729

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.7	8.5
80	7.8	6.2	9.4



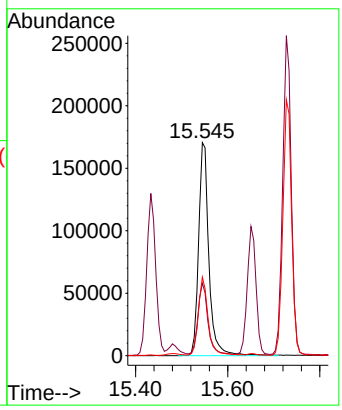


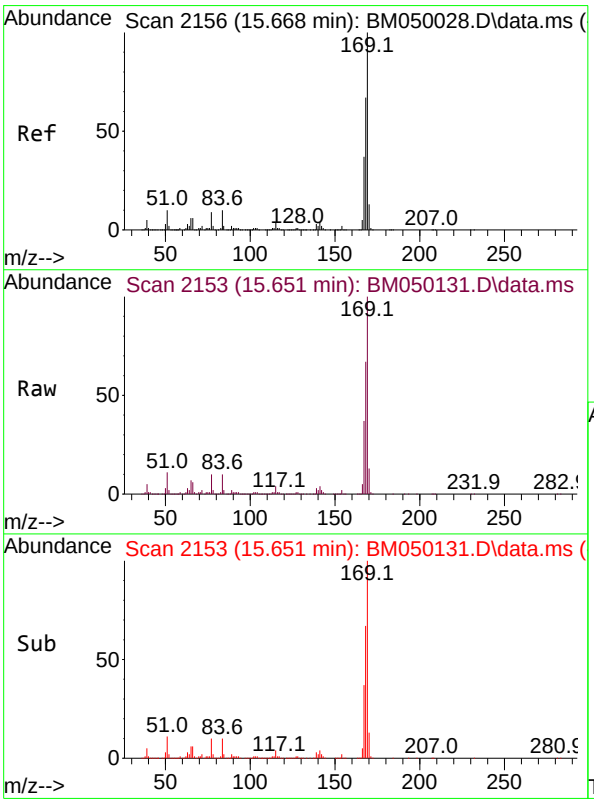
#65
4,6-Dinitro-2-methylphenol
Concen: 43.067 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:198 Resp: 264929

Ion	Ratio	Lower	Upper
198	100		
51	34.0	10.4	50.4
105	36.9	14.6	54.6

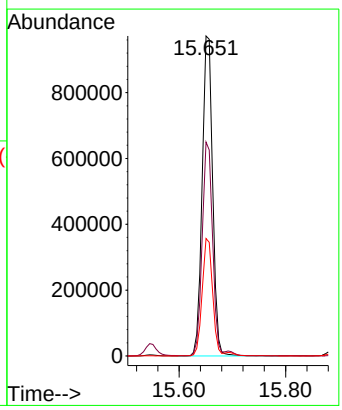


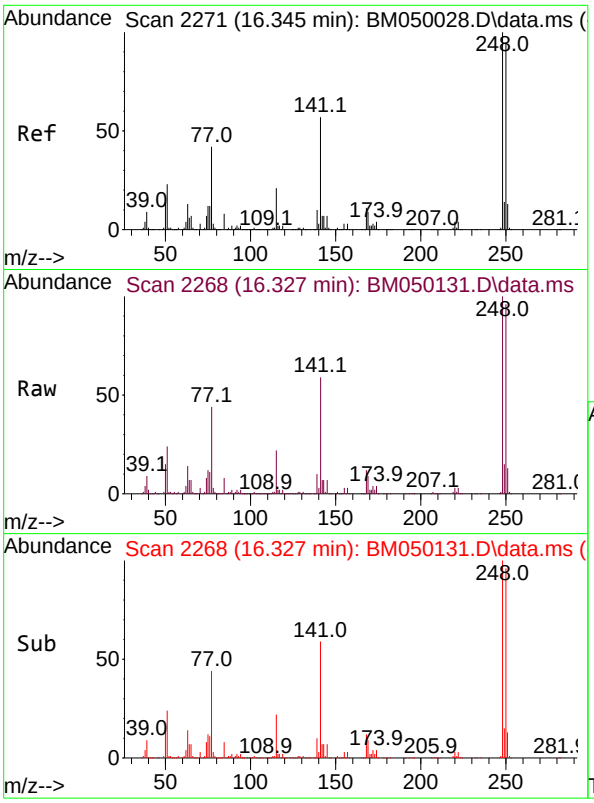


#66
n-Nitrosodiphenylamine
Concen: 43.827 ng
RT: 15.651 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:169 Resp: 1322557

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.4	80.2
167	36.7	29.4	44.0



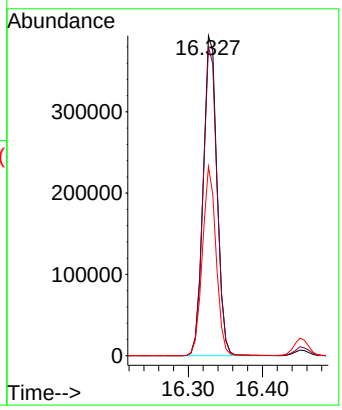


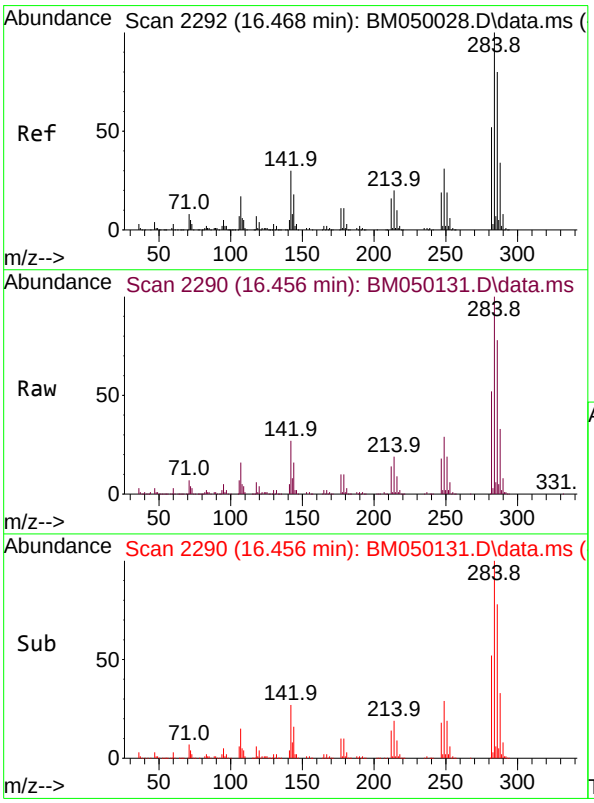
#67
4-Bromophenyl-phenylether
Concen: 43.008 ng
RT: 16.327 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:248 Resp: 511104

Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.2	114.2
141	59.1	45.9	68.9

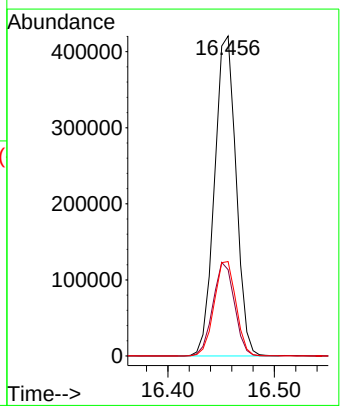


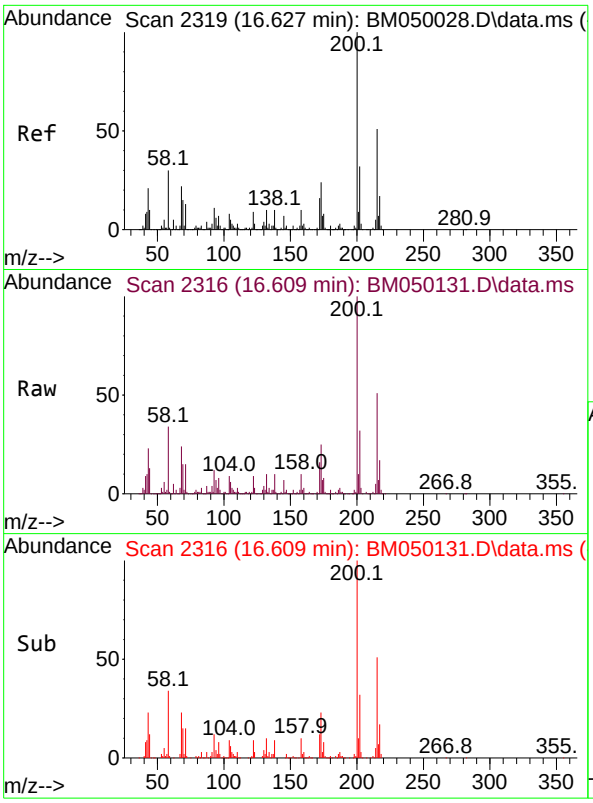


#68
Hexachlorobenzene
Concen: 42.988 ng
RT: 16.456 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:284 Resp: 588874

Ion	Ratio	Lower	Upper
284	100		
142	27.0	23.9	35.9
249	29.5	24.5	36.7



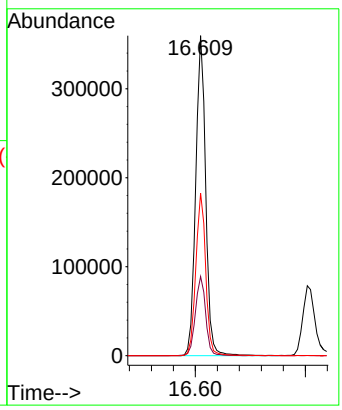


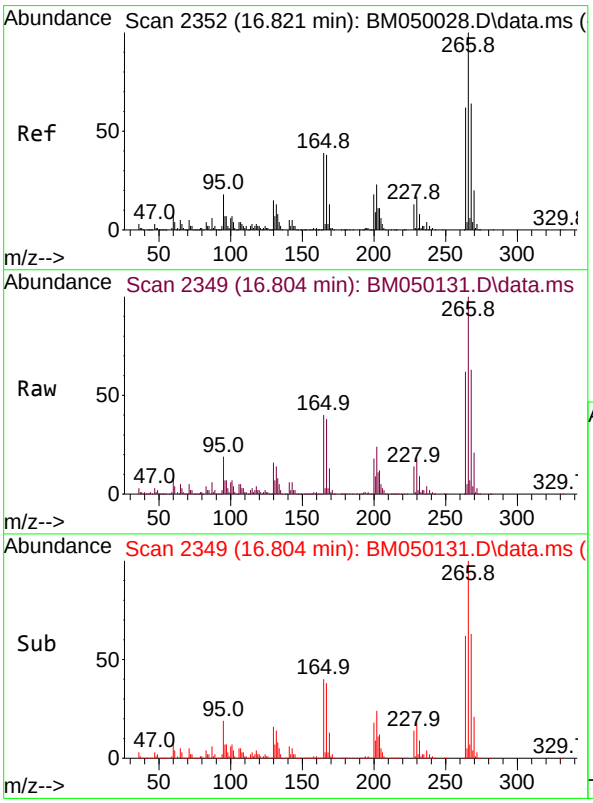
#69
Atrazine
Concen: 41.689 ng
RT: 16.609 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:200 Resp: 453789

Ion	Ratio	Lower	Upper
200	100		
173	24.8	4.3	44.3
215	50.8	30.6	70.6

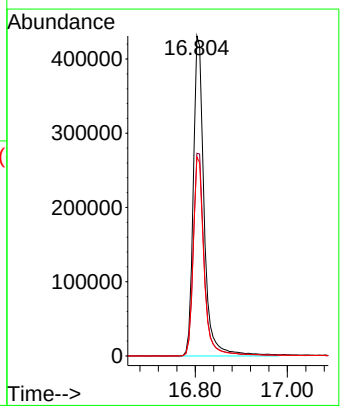


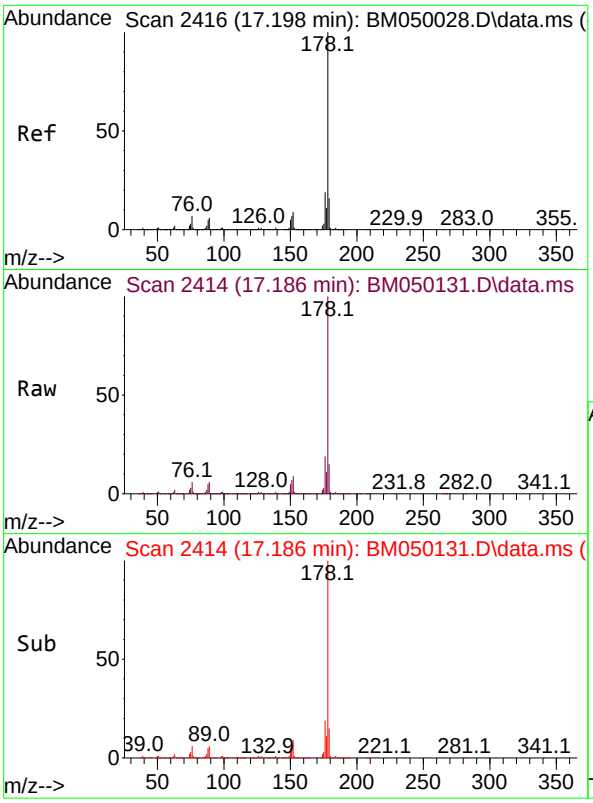


#70
Pentachlorophenol
Concen: 91.061 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:266 Resp: 702157

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.2	76.8
264	62.2	49.6	74.4



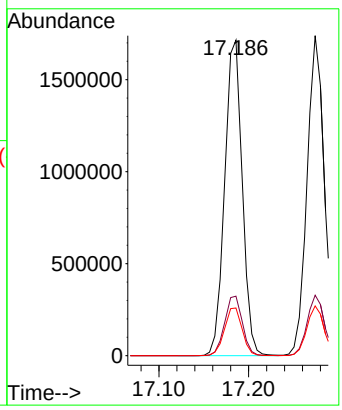


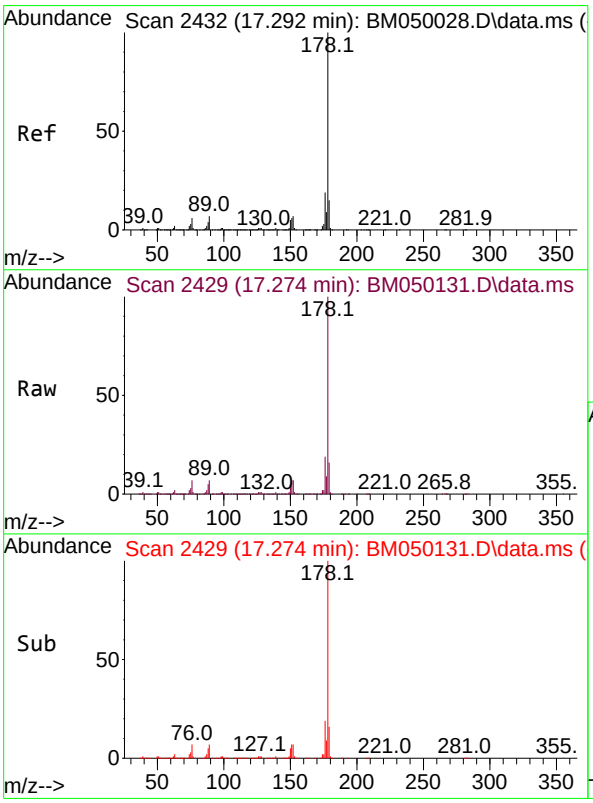
#71
Phenanthrene
Concen: 42.122 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:178 Resp: 2334726

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.1	12.4	18.6

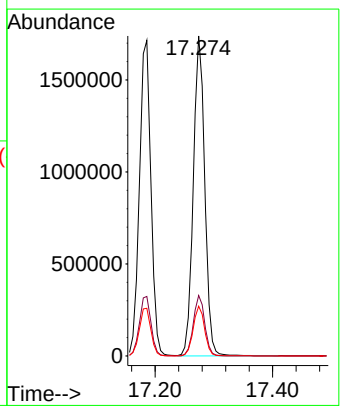


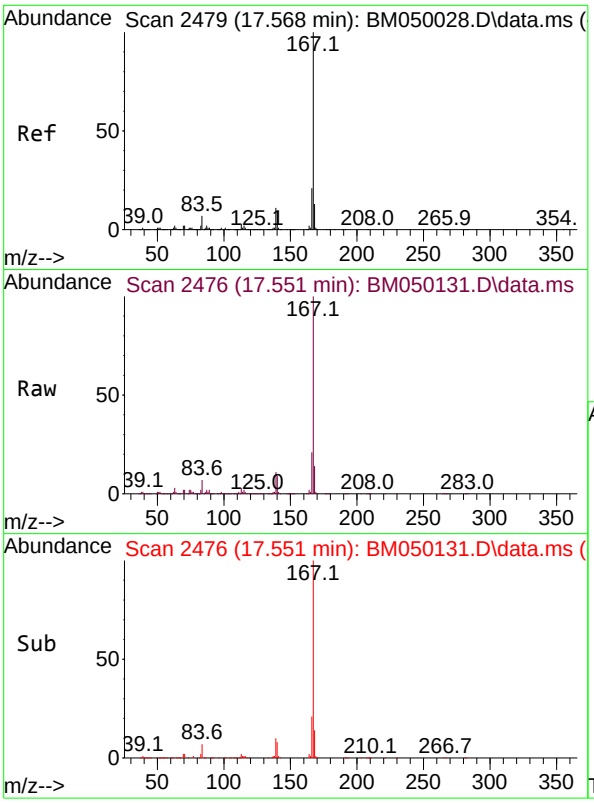


#72
Anthracene
Concen: 41.828 ng
RT: 17.274 min Scan# 2429
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:178 Resp: 2346195

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.2	18.4



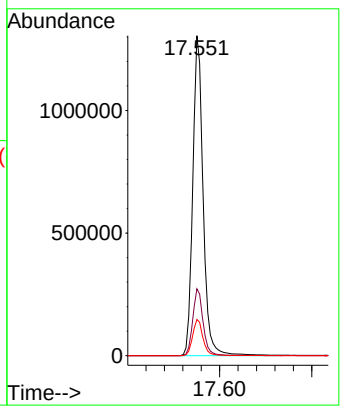


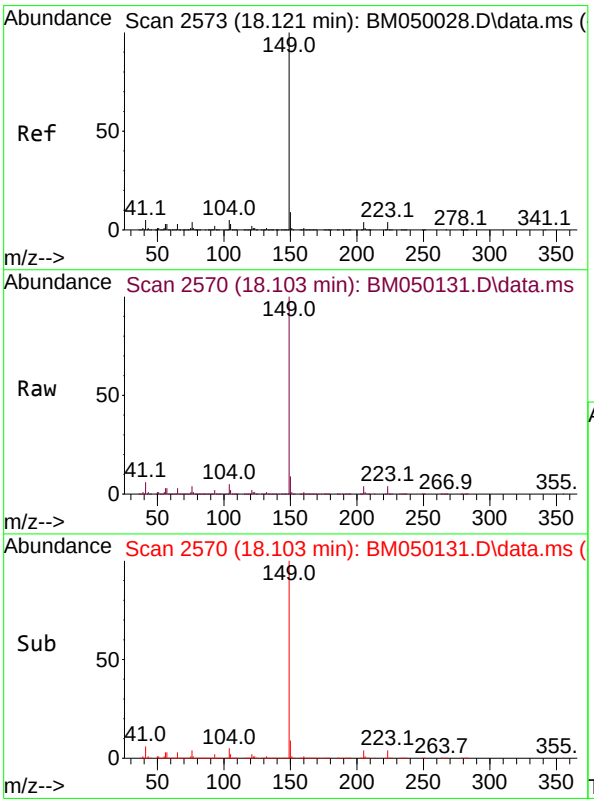
#73
Carbazole
Concen: 41.798 ng
RT: 17.551 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:167 Resp: 2034446

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	11.3	9.0	13.6

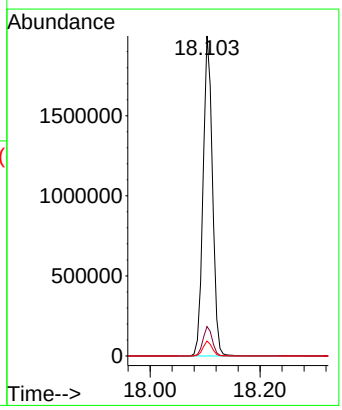


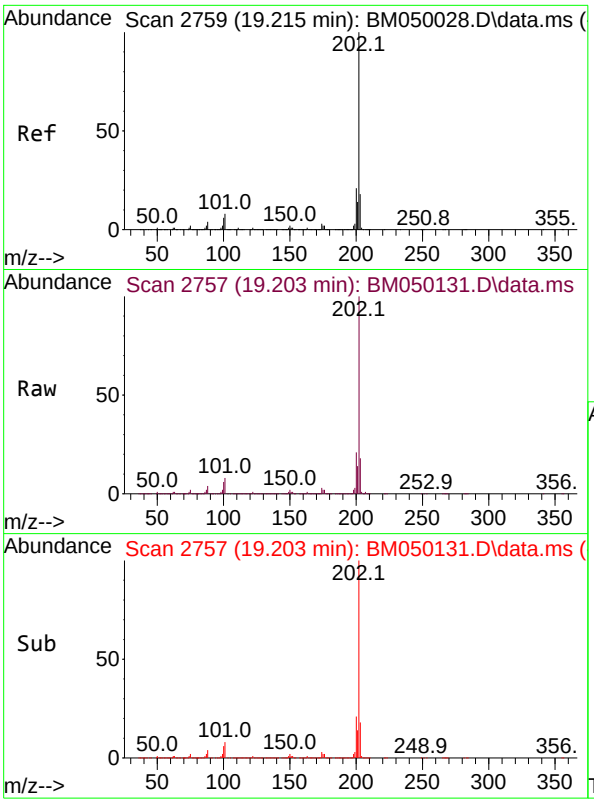


#74
Di-n-butylphthalate
Concen: 40.778 ng
RT: 18.103 min Scan# 2570
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 2363677

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.7	3.8	5.6



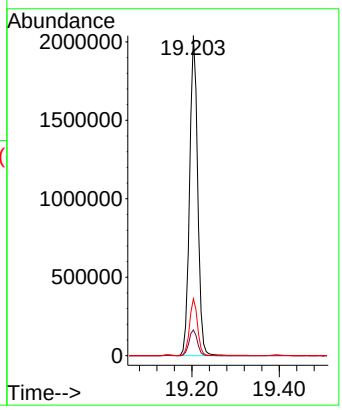


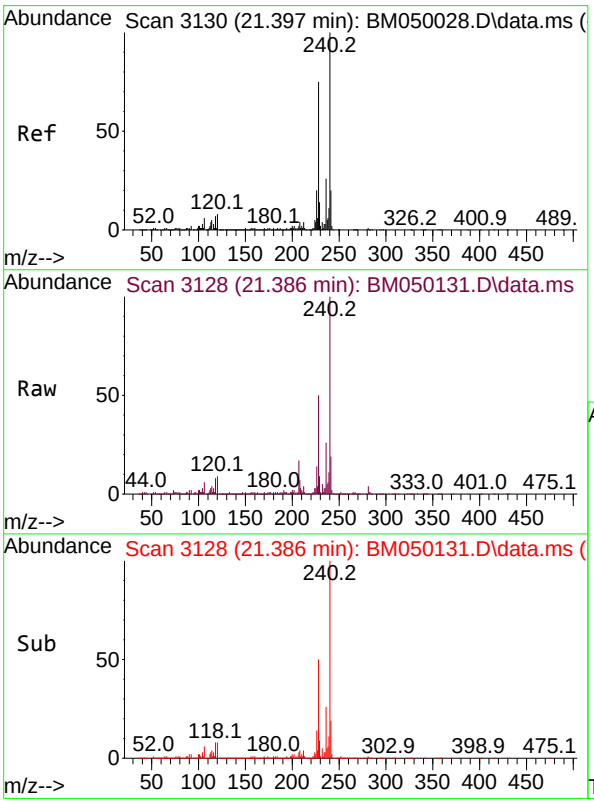
#75
Fluoranthene
Concen: 40.074 ng
RT: 19.203 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:202 Resp: 2607808

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.0
203	17.8	0.0	37.7

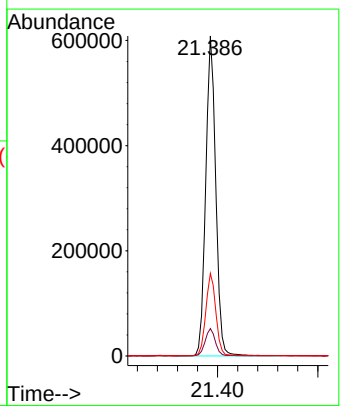


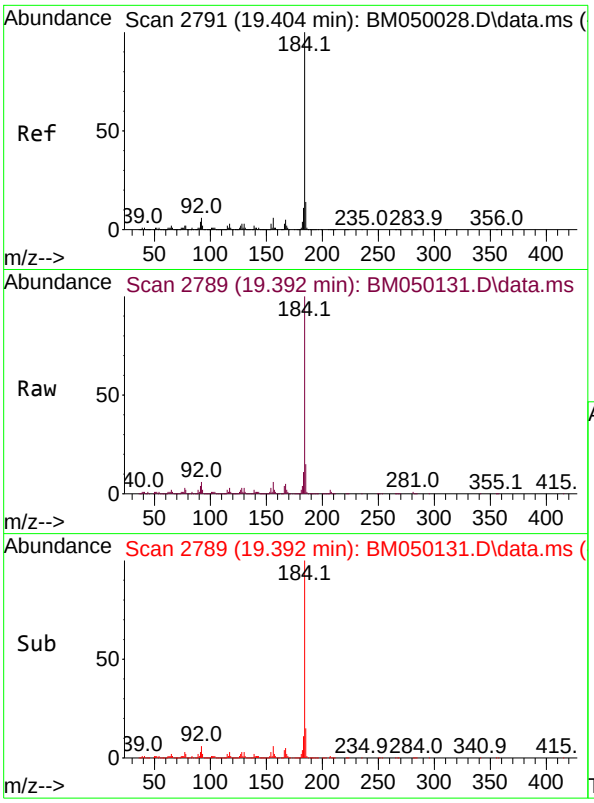


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:240 Resp: 848155

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.5	9.7
236	25.8	20.9	31.3



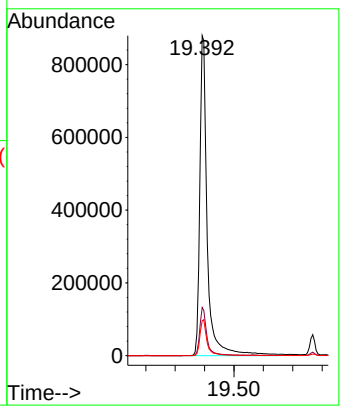


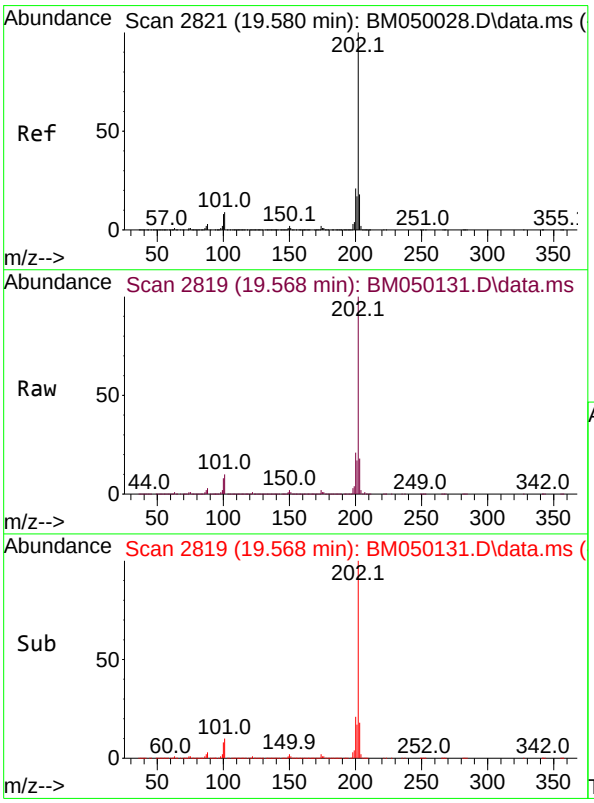
#77
Benzidine
Concen: 51.399 ng
RT: 19.392 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:184 Resp: 1548497

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	10.9	8.9	13.3

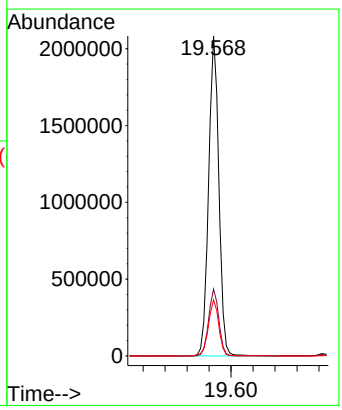


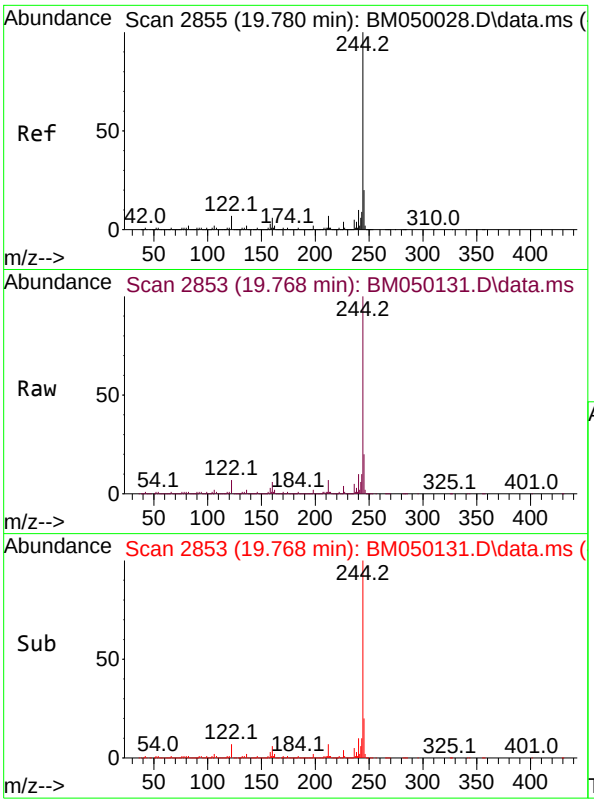


#78
Pyrene
Concen: 45.031 ng
RT: 19.568 min Scan# 2819
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:202 Resp: 2682067

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	14.1	21.1



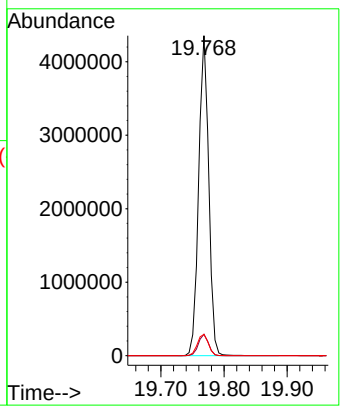


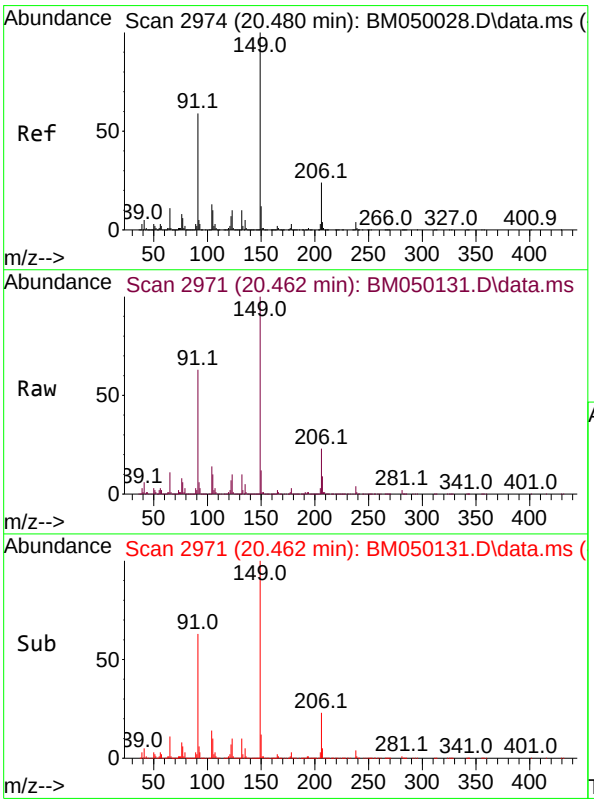
#79
Terphenyl-d14
Concen: 83.547 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:244 Resp: 4788720

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

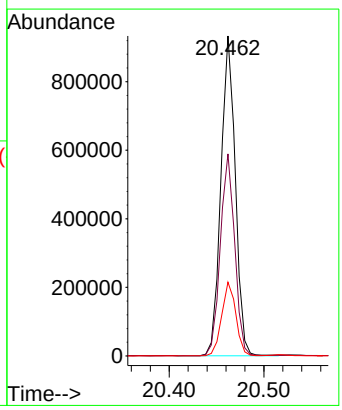


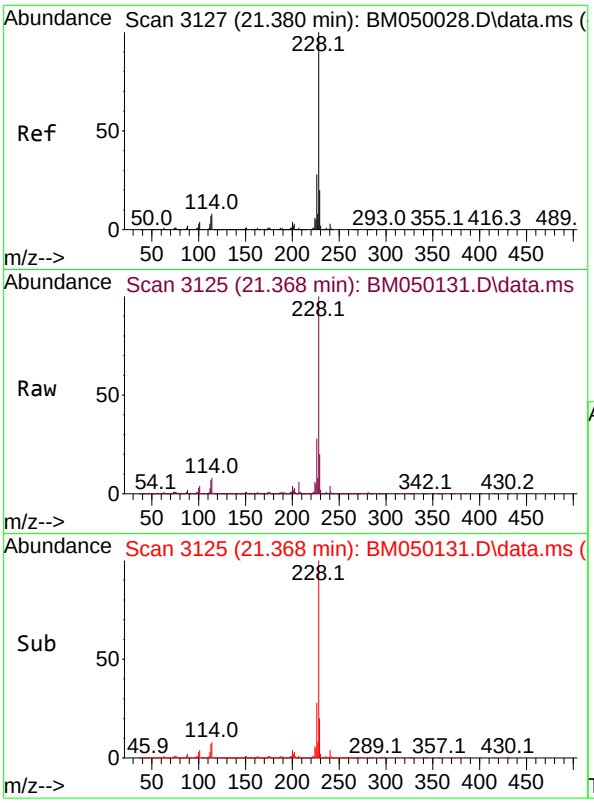


#80
Butylbenzylphthalate
Concen: 44.258 ng
RT: 20.462 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 987283

Ion	Ratio	Lower	Upper
149	100		
91	63.2	47.4	71.2
206	23.1	19.4	29.0



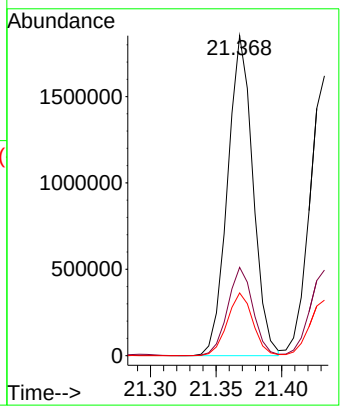


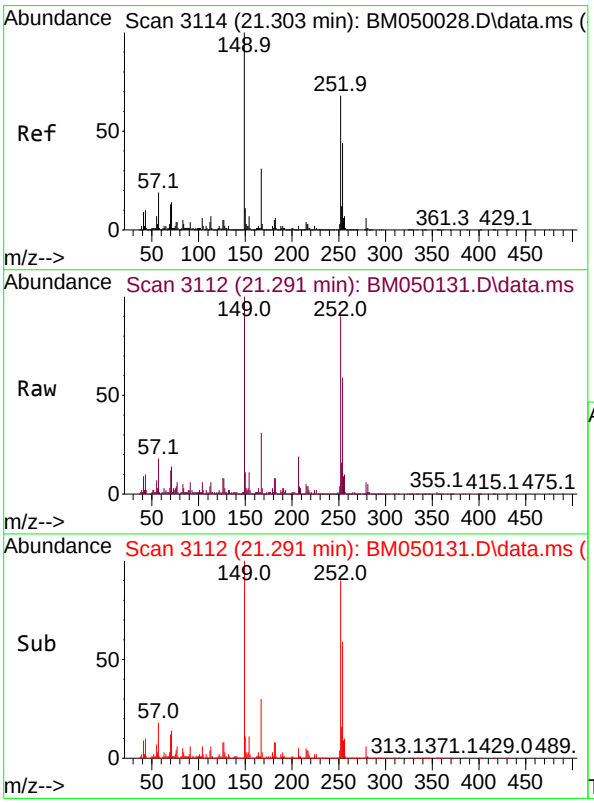
#81
Benzo(a)anthracene
Concen: 42.710 ng
RT: 21.368 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:228 Resp: 2494523

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.6	15.7	23.5

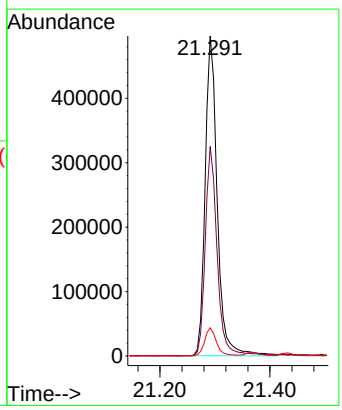


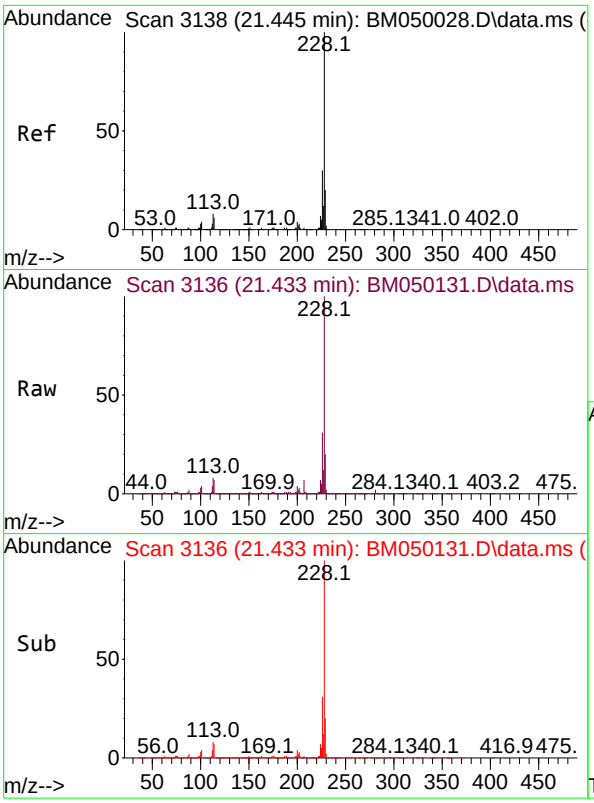


#82
3,3'-Dichlorobenzidine
Concen: 33.812 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:252 Resp: 755984

Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.8	77.6
126	8.8	6.0	9.0



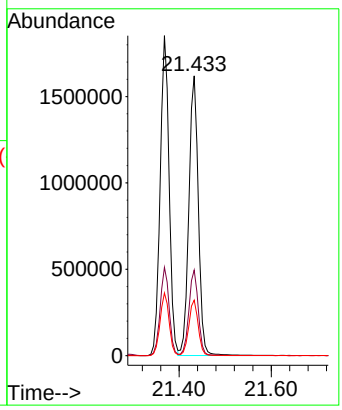


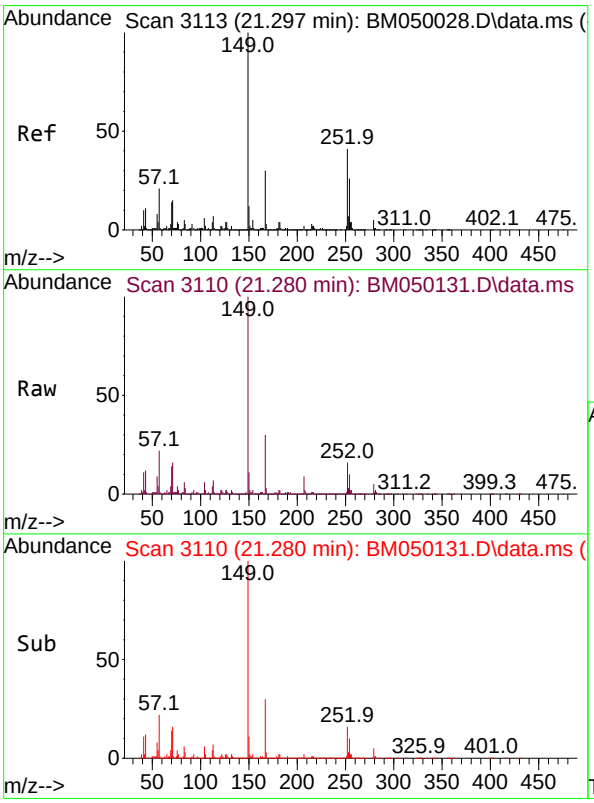
#83
Chrysene
Concen: 42.567 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:228 Resp: 2301038

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.8	15.7	23.5

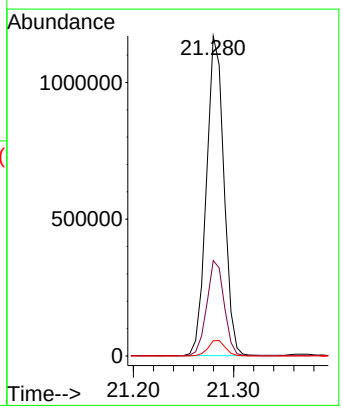


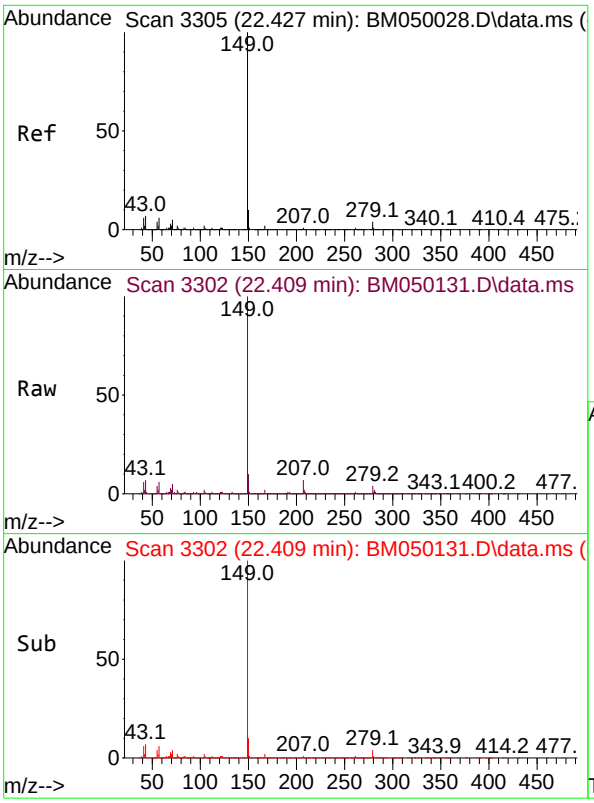


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.559 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:149 Resp: 1418057

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.1	36.1
279	4.8	3.9	5.9



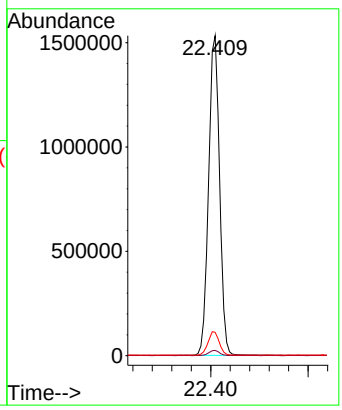


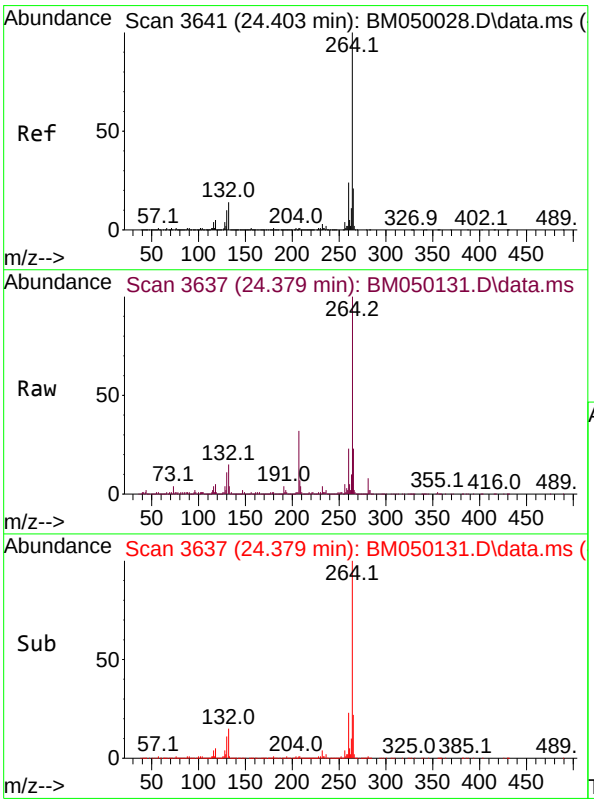
#85
Di-n-octyl phthalate
Concen: 43.396 ng
RT: 22.409 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:149 Resp: 2384587

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	5.8	8.8

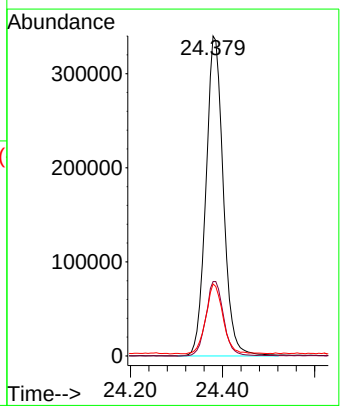


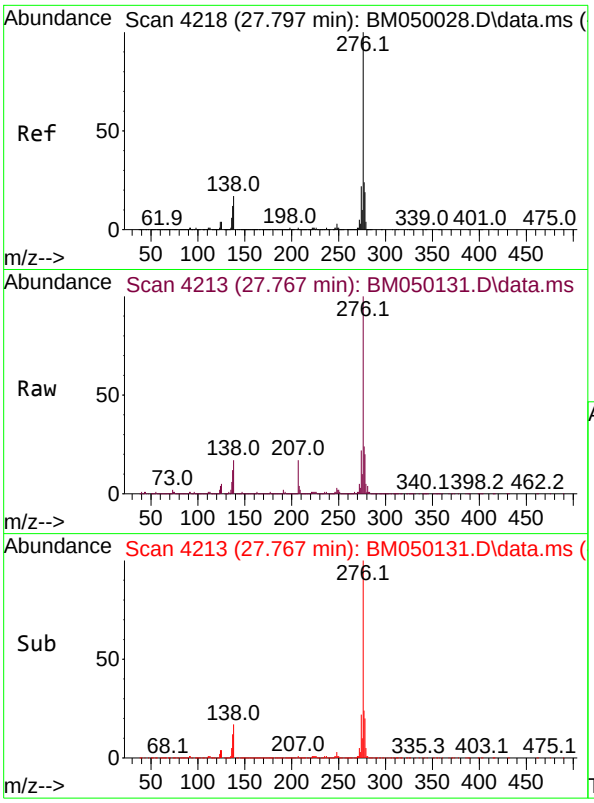


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.379 min Scan# 3637
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:264 Resp: 892873

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	22.5	17.0	25.4



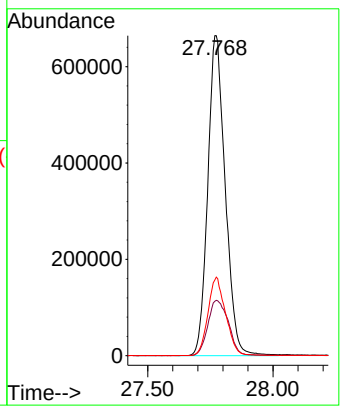


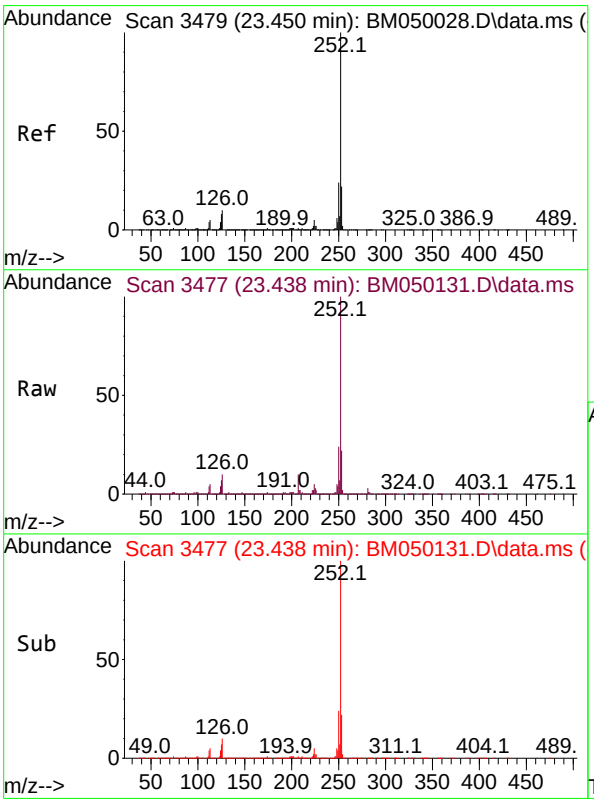
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.220 ng
RT: 27.767 min Scan# 4
Delta R.T. -0.030 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:276 Resp: 3208095

Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	24.7	19.8	29.8

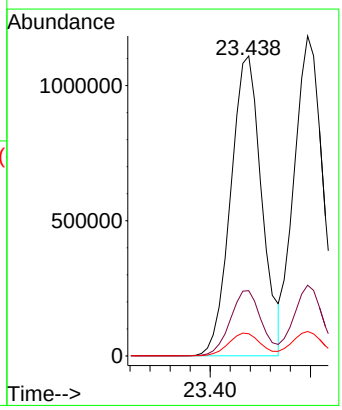


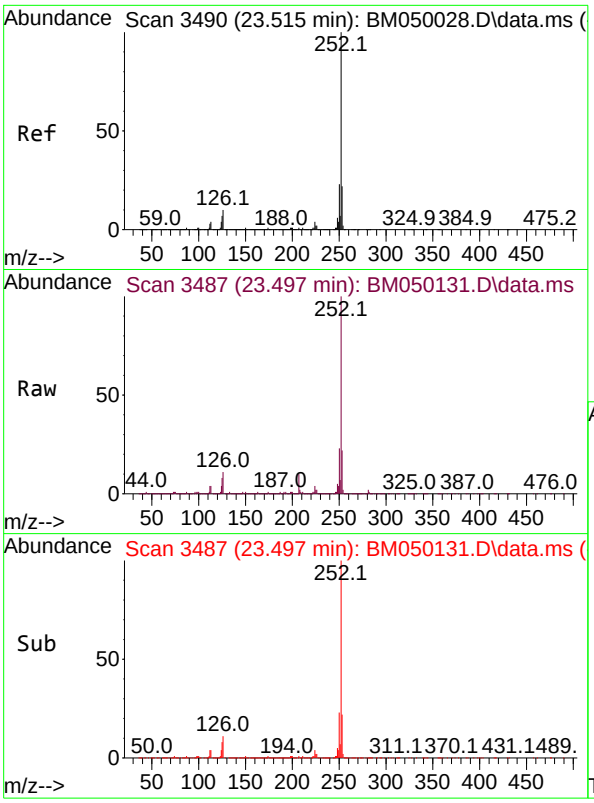


#88
Benzo(b)fluoranthene
Concen: 41.074 ng
RT: 23.438 min Scan# 3477
Delta R.T. -0.012 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:252 Resp: 2384996

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	7.4	6.1	9.1



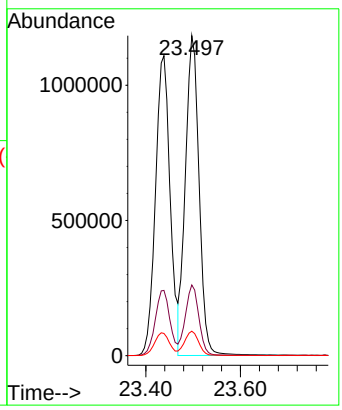


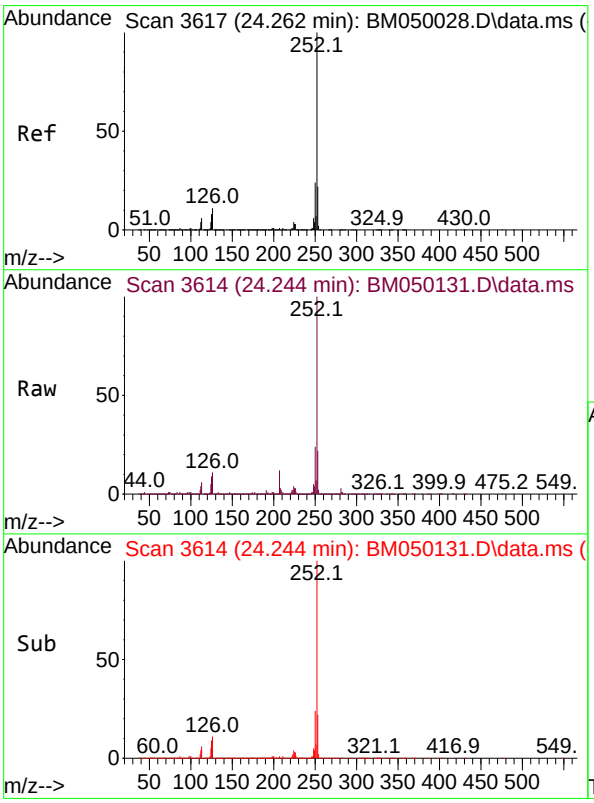
#89
Benzo(k)fluoranthene
Concen: 40.378 ng
RT: 23.497 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:252 Resp: 2371605

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.7	5.8	8.8

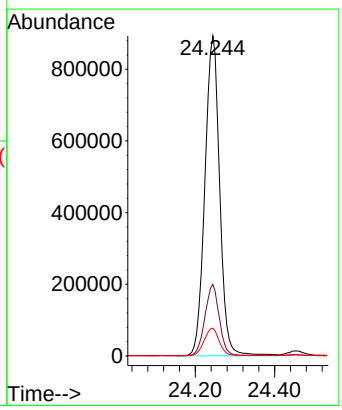


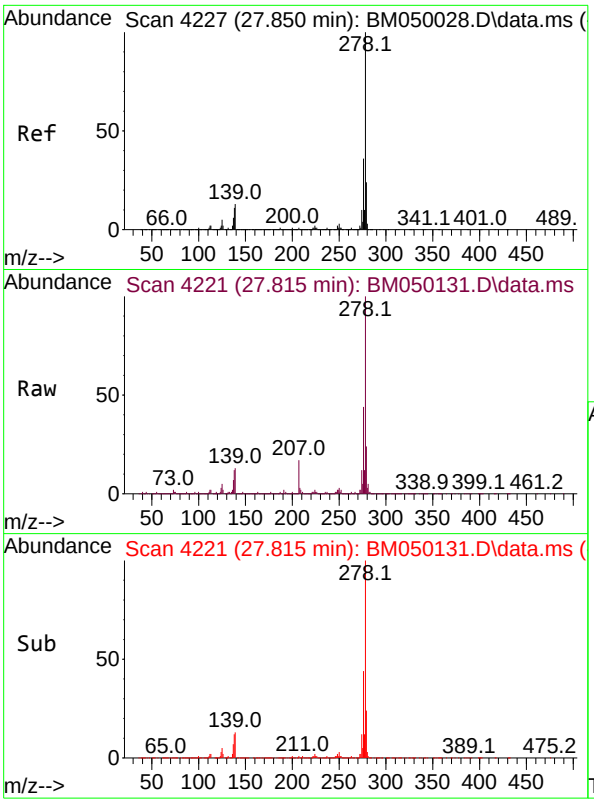


#90
Benzo(a)pyrene
Concen: 42.447 ng
RT: 24.244 min Scan# 3614
Delta R.T. -0.018 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:252 Resp: 2308474

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	8.7	6.6	9.8



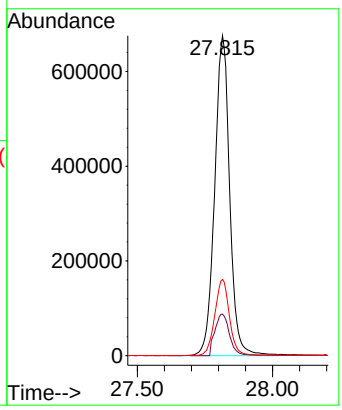


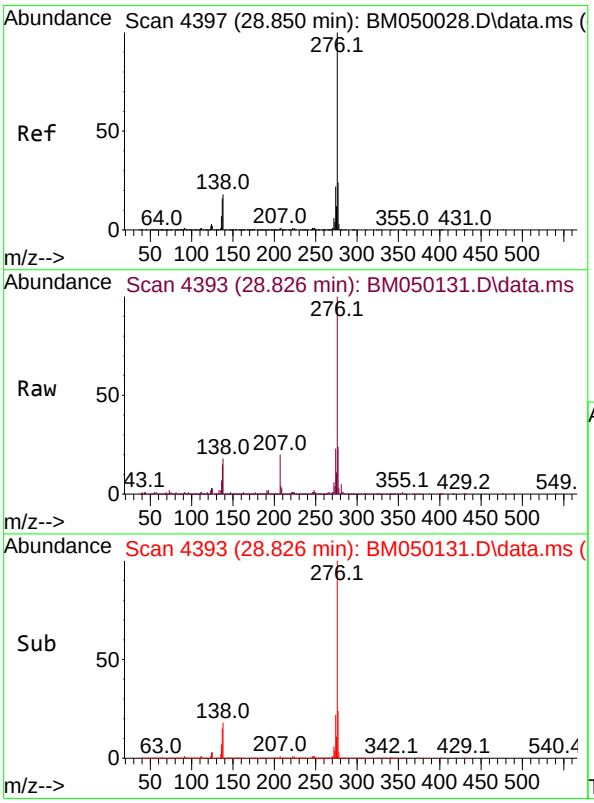
#91
Dibenzo(a,h)anthracene
Concen: 48.050 ng
RT: 27.815 min Scan# 4
Delta R.T. -0.035 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Instrument :
BNA_M
ClientSampleId :
PB167879BS

Tgt Ion:278 Resp: 2605876

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.5	15.7
279	23.8	19.4	29.0

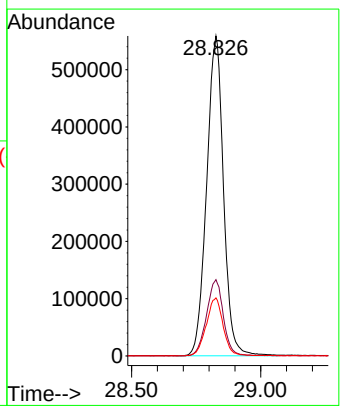




#92
Benzo(g,h,i)perylene
Concen: 48.767 ng
RT: 28.826 min Scan# 4393
Delta R.T. -0.024 min
Lab File: BM050131.D
Acq: 07 May 2025 11:14

Tgt Ion:276 Resp: 2532040

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	18.2	14.3	21.5



Raw Data: **BM050142.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BS	SDG No.:	Q1956
Lab Sample ID:	PB167889BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.0		3.90	10.0	ug/L
108-95-2	Phenol	42.9		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.5		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		1.30	5.00	ug/L
98-86-2	Acetophenone	41.5		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	41.5		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.3		0.76	5.00	ug/L
78-59-1	Isophorone	39.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	43.8		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.3		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.0		0.52	5.00	ug/L
91-20-3	Naphthalene	40.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	17.7		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	41.9		0.54	5.00	ug/L
105-60-2	Caprolactam	37.4		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.8		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.9		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	95.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.8		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.3		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	43.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.7		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.2		0.61	5.00	ug/L

Raw Data: **BM050142.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BS	SDG No.:	Q1956
Lab Sample ID:	PB167889BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	42.3		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.1		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.8		1.10	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	79.6		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.7		2.40	10.0	ug/L
132-64-9	Dibenzofuran	41.8		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	42.9		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.7		0.68	5.00	ug/L
86-73-7	Fluorene	41.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	38.0		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.5		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.5		0.52	5.00	ug/L
1912-24-9	Atrazine	43.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	95.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	43.9		0.61	5.00	ug/L
86-74-8	Carbazole	43.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	42.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.4		0.82	5.00	ug/L
129-00-0	Pyrene	44.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	24.9		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.8		0.45	5.00	ug/L
218-01-9	Chrysene	43.2		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.8		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.5		0.49	5.00	ug/L

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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BS	SDG No.:	Q1956
Lab Sample ID:	PB167889BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050142.D	1	05/07/25 08:53	05/08/25 12:00	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	42.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.2		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	33.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	127		10 - 139	85%	SPK: 150
13127-88-3	Phenol-d6	123		10 - 134	82%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.0		49 - 133	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1		52 - 132	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		44 - 137	83%	SPK: 150
1718-51-0	Terphenyl-d14	79.2		48 - 125	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	270000	7.74			
1146-65-2	Naphthalene-d8	938000	10.534			
15067-26-2	Acenaphthene-d10	568000	14.392			
1517-22-2	Phenanthrene-d10	1020000	17.139			
1719-03-5	Chrysene-d12	946000	21.38			
1520-96-3	Perylene-d12	978000	24.38			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	270040	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	938494	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	568093	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1021174	20.000	ng	0.00
76) Chrysene-d12	21.380	240	945959	20.000	ng	0.00
86) Perylene-d12	24.380	264	977986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1956963	126.899	ng	0.00
7) Phenol-d6	6.934	99	2378415	122.708	ng	0.00
23) Nitrobenzene-d5	8.904	82	1408955	73.978	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1043589	124.237	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	3653835	76.087	ng	0.00
79) Terphenyl-d14	19.768	244	5064085	79.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	223866	33.856	ng	99
3) Pyridine	3.634	79	623284	36.688	ng	98
4) n-Nitrosodimethylamine	3.546	42	274924	41.260	ng	99
6) Aniline	7.075	93	685482	28.007	ng	99
8) 2-Chlorophenol	7.316	128	710289	42.599	ng	98
9) Benzaldehyde	6.887	77	297678	22.950	ng	98
10) Phenol	6.957	94	842425	42.933	ng	100
11) bis(2-Chloroethyl)ether	7.169	93	664180	40.537	ng	100
12) 1,3-Dichlorobenzene	7.628	146	805508	39.992	ng	99
13) 1,4-Dichlorobenzene	7.775	146	817636	40.408	ng	100
14) 1,2-Dichlorobenzene	8.093	146	785343	40.180	ng	99
15) Benzyl Alcohol	7.993	79	561188	41.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	815438	40.942	ng	99
17) 2-Methylphenol	8.204	107	539244	41.717	ng	99
18) Hexachloroethane	8.816	117	289103	40.192	ng	100
19) n-Nitroso-di-n-propyla...	8.551	70	492380	39.608	ng	99
20) 3+4-Methylphenols	8.534	107	724638	41.511	ng	96
22) Acetophenone	8.569	105	967776	41.478	ng	99
24) Nitrobenzene	8.945	77	696141	42.273	ng	99
25) Isophorone	9.475	82	1295435	39.903	ng	99
26) 2-Nitrophenol	9.657	139	368859	43.844	ng	99
27) 2,4-Dimethylphenol	9.728	122	598259	42.880	ng	100
28) bis(2-Chloroethoxy)met...	9.945	93	827841	41.256	ng	99
29) 2,4-Dichlorophenol	10.210	162	672716	43.040	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	783066	41.121	ng	99
31) Naphthalene	10.587	128	1944854	40.920	ng	99
32) Benzoic acid	9.910	122	373948	41.908	ng	98
33) 4-Chloroaniline	10.716	127	345539	17.737	ng	99
34) Hexachlorobutadiene	10.869	225	506147	41.872	ng	100
35) Caprolactam	11.510	113	170422	37.395	ng	97
36) 4-Chloro-3-methylphenol	11.851	107	588941	40.784	ng	97
37) 2-Methylnaphthalene	12.204	142	1272363	39.930	ng	99
38) 1-Methylnaphthalene	12.422	142	1330659	39.460	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	869756	44.227	ng	99
41) Hexachlorocyclopentadiene	12.551	237	1151100	95.780	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	558909	44.808	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

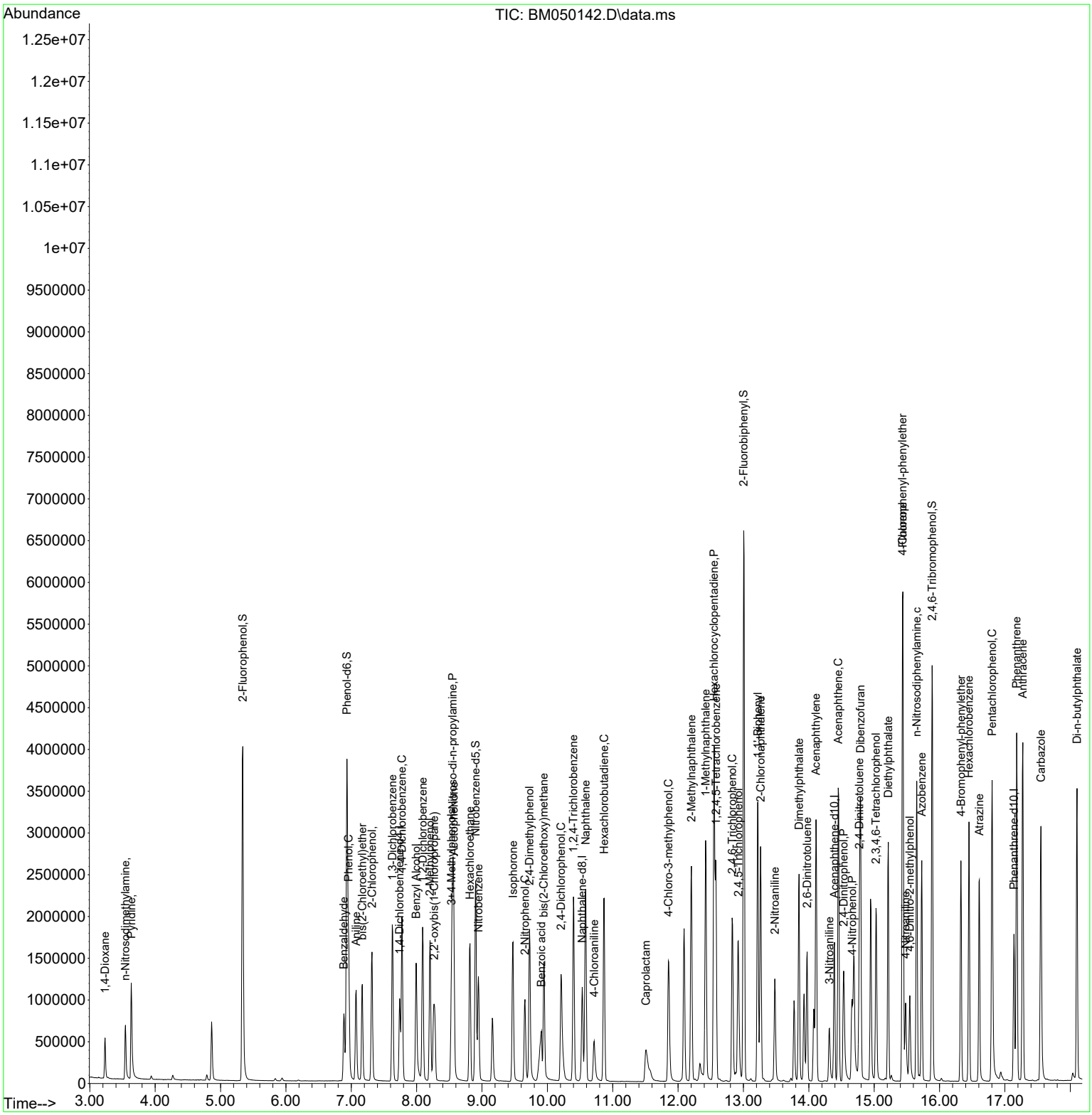
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	595418	44.267	ng		99
46) 1,1'-Biphenyl	13.222	154	1824120	43.196	ng		99
47) 2-Chloronaphthalene	13.263	162	1435664	42.925	ng		100
48) 2-Nitroaniline	13.480	65	350822	44.692	ng		99
49) Acenaphthylene	14.110	152	2229269	42.274	ng		100
50) Dimethylphthalate	13.851	163	1711305	41.219	ng		100
51) 2,6-Dinitrotoluene	13.975	165	370744	43.131	ng		99
52) Acenaphthene	14.451	154	1286566	42.149	ng		99
53) 3-Nitroaniline	14.316	138	203467	24.793	ng		98
54) 2,4-Dinitrophenol	14.533	184	437692	79.596	ng		98
55) Dibenzofuran	14.792	168	2121632	41.776	ng		99
56) 4-Nitrophenol	14.663	139	503968	75.740	ng		100
57) 2,4-Dinitrotoluene	14.774	165	509344	42.882	ng		97
58) Fluorene	15.439	166	1729486	41.605	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.027	232	487372	41.860	ng		99
60) Diethylphthalate	15.216	149	1565730	40.024	ng		99
61) 4-Chlorophenyl-phenyle...	15.433	204	952609	41.722	ng		99
62) 4-Nitroaniline	15.480	138	300705	37.978	ng		98
63) Azobenzene	15.727	77	1367543	41.712	ng		99
65) 4,6-Dinitro-2-methylph...	15.545	198	284575	44.519	ng		97
66) n-Nitrosodiphenylamine	15.651	169	1427311	45.517	ng		99
67) 4-Bromophenyl-phenylether	16.327	248	547445	44.332	ng		97
68) Hexachlorobenzene	16.451	284	633103	44.477	ng		98
69) Atrazine	16.610	200	493748	43.652	ng		99
70) Pentachlorophenol	16.804	266	768709	95.939	ng		99
71) Phenanthrene	17.180	178	2485581	43.156	ng		100
72) Anthracene	17.274	178	2559025	43.905	ng		100
73) Carbazole	17.551	167	2188535	43.271	ng		100
74) Di-n-butylphthalate	18.104	149	2568048	42.636	ng		100
75) Fluoranthene	19.204	202	2865387	42.375	ng		99
77) Benzidine	19.392	184	1066546	31.741	ng		99
78) Pyrene	19.568	202	2925918	44.046	ng		100
80) Butylbenzylphthalate	20.462	149	1090426	43.828	ng		98
81) Benzo(a)anthracene	21.362	228	2849979	43.751	ng		100
82) 3,3'-Dichlorobenzidine	21.292	252	620352	24.877	ng	#	99
83) Chrysene	21.427	228	2604413	43.198	ng		100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1590468	42.798	ng		99
85) Di-n-octyl phthalate	22.403	149	2675728	43.660	ng		100
87) Indeno(1,2,3-cd)pyrene	27.774	276	3550952	48.729	ng		100
88) Benzo(b)fluoranthene	23.433	252	2769019	43.537	ng		99
89) Benzo(k)fluoranthene	23.492	252	2702901	42.013	ng		99
90) Benzo(a)pyrene	24.239	252	2612810	43.862	ng		99
91) Dibenzo(a,h)anthracene	27.809	278	2908155	48.956	ng		99
92) Benzo(g,h,i)perylene	28.815	276	2756751	48.474	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

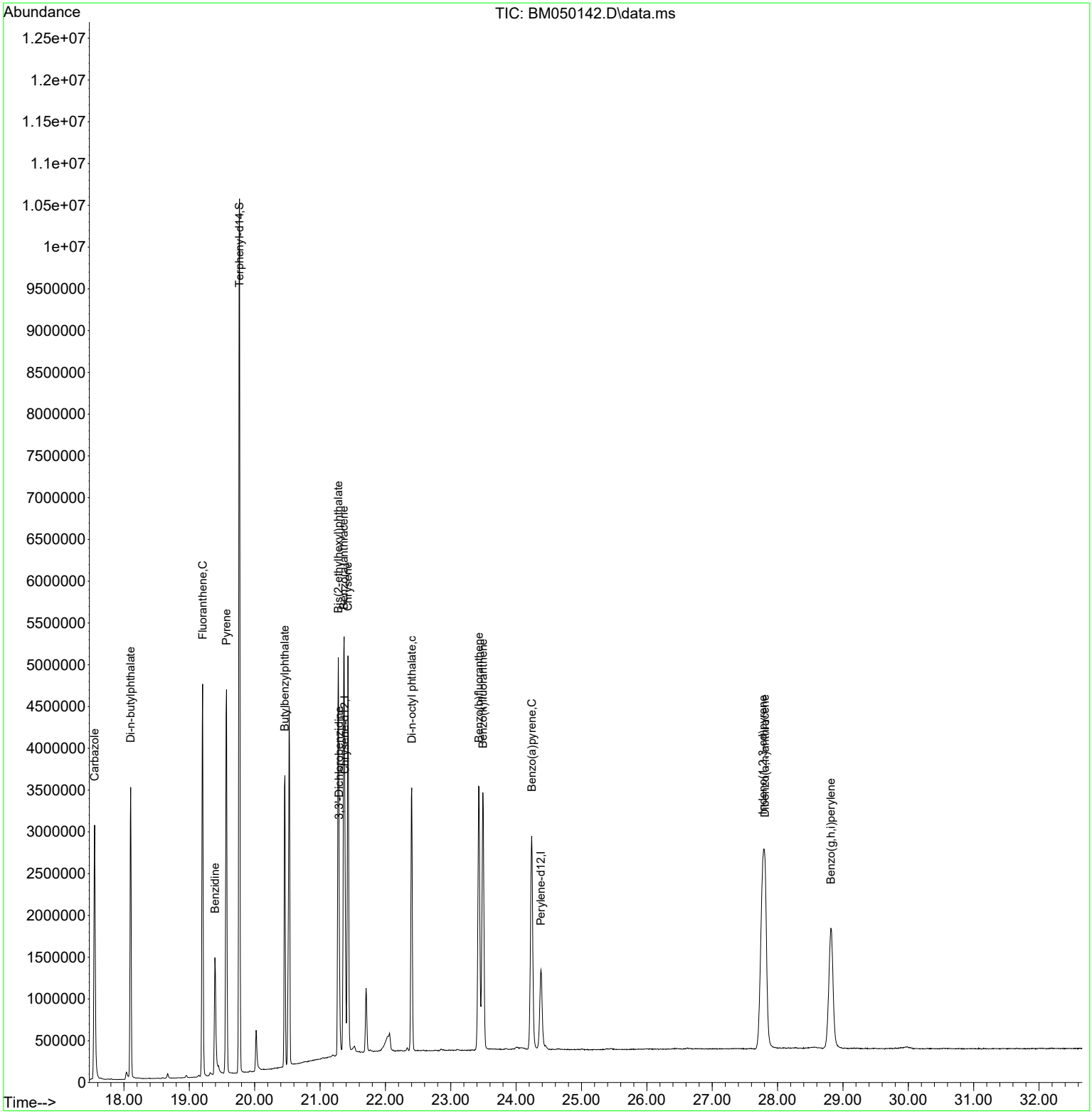


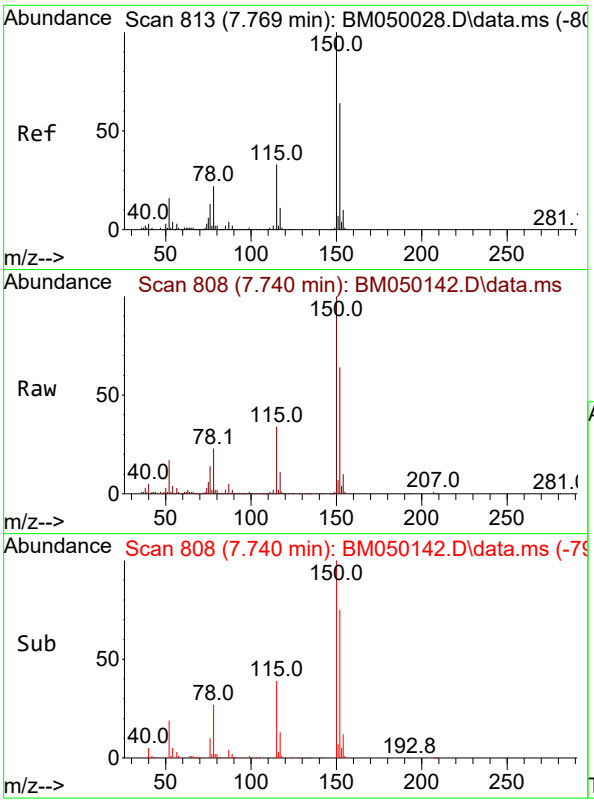
Sample Results: **BM050142.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050142.D
Acq On : 08 May 2025 12:00
Operator : RC/JU
Sample : PB167889BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Quant Time: May 08 12:42:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration



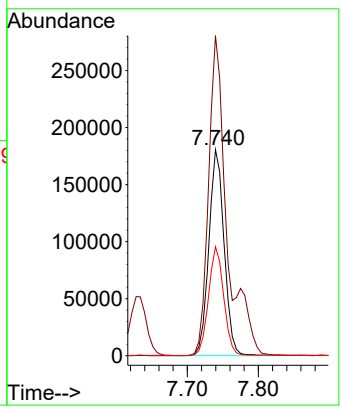


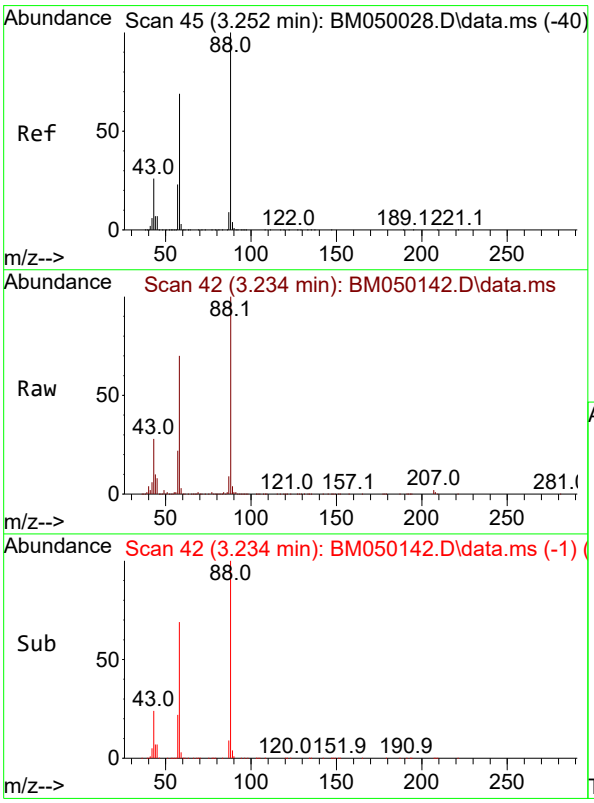
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:152 Resp: 270040

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.1	186.1
115	52.9	41.2	61.8

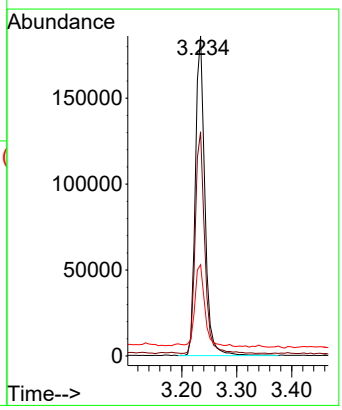


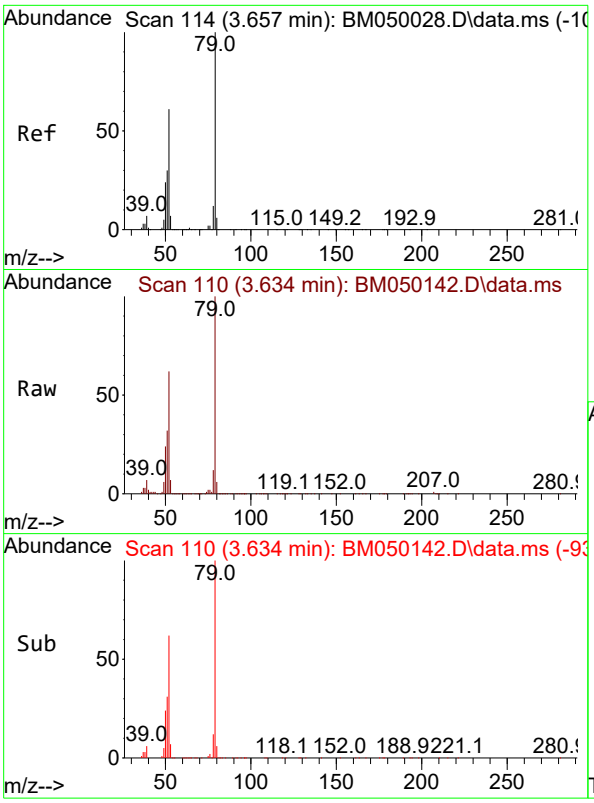


#2
1,4-Dioxane
Concen: 33.856 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 88 Resp: 223866

Ion	Ratio	Lower	Upper
88	100		
58	69.3	55.1	82.7
43	26.7	20.9	31.3



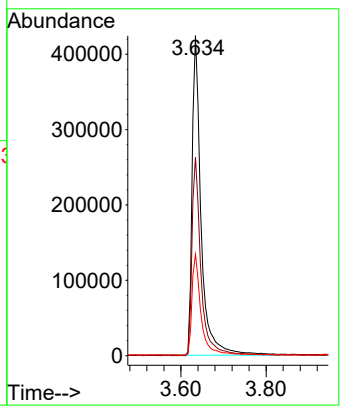


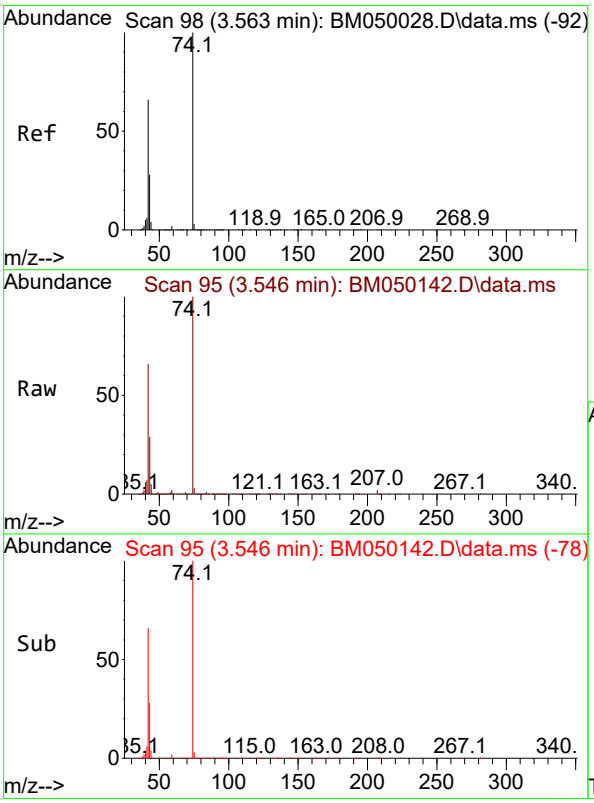
#3
Pyridine
Concen: 36.688 ng
RT: 3.634 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 79 Resp: 623284

Ion	Ratio	Lower	Upper
79	100		
52	62.0	48.6	72.8
51	31.7	24.6	37.0

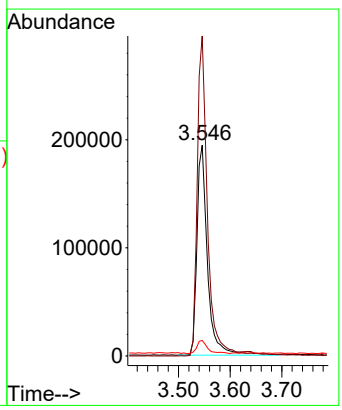


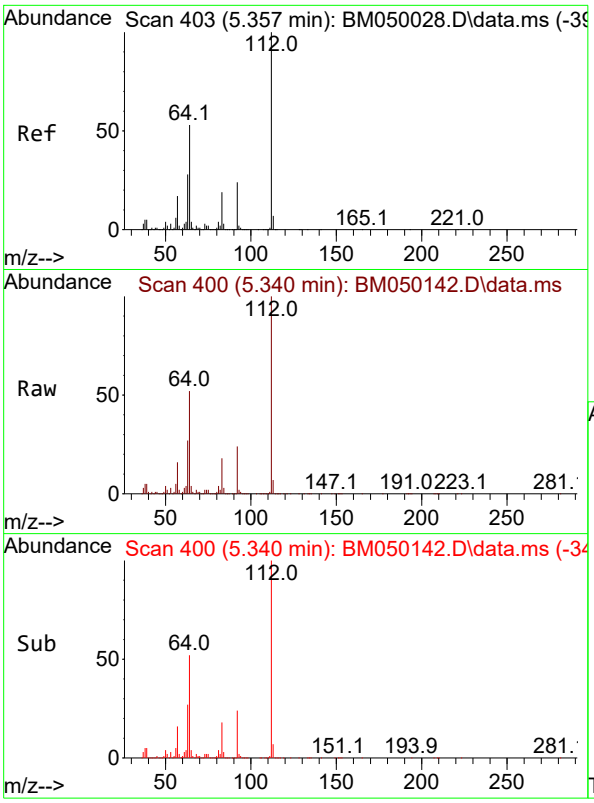


#4
n-Nitrosodimethylamine
Concen: 41.260 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 42 Resp: 274924

Ion	Ratio	Lower	Upper
42	100		
74	151.8	120.2	180.2
44	7.4	6.2	9.2



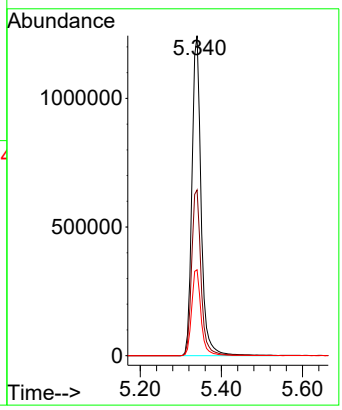


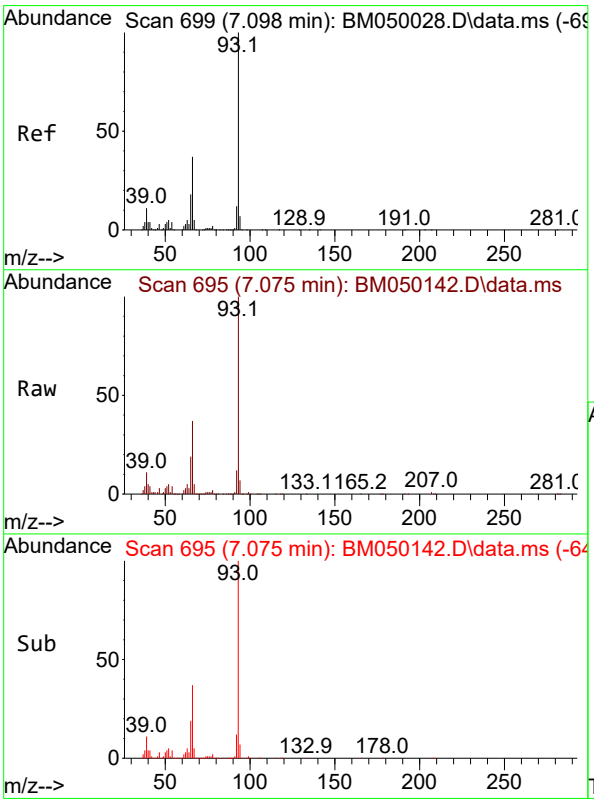
#5
2-Fluorophenol
Concen: 126.899 ng
RT: 5.340 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:112 Resp: 1956963

Ion	Ratio	Lower	Upper
112	100		
64	51.8	42.6	64.0
63	26.8	22.2	33.4

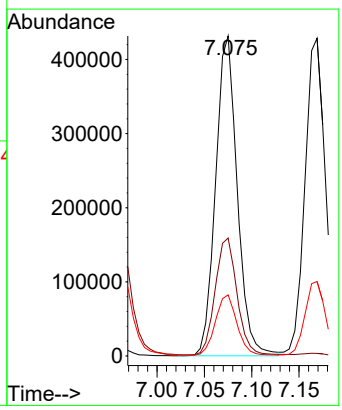


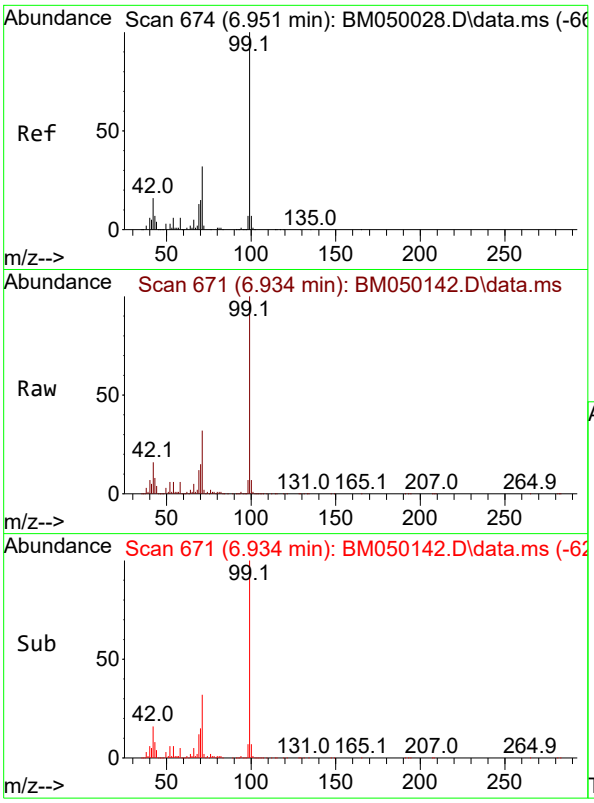


#6
Aniline
Concen: 28.007 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 93 Resp: 685482

Ion	Ratio	Lower	Upper
93	100		
66	36.9	29.9	44.9
65	19.1	14.5	21.7



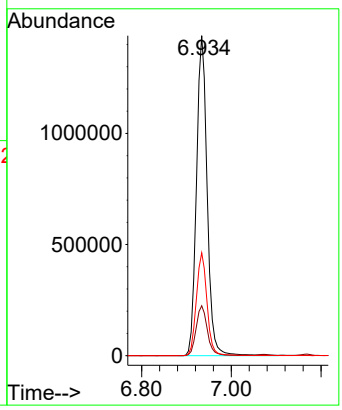


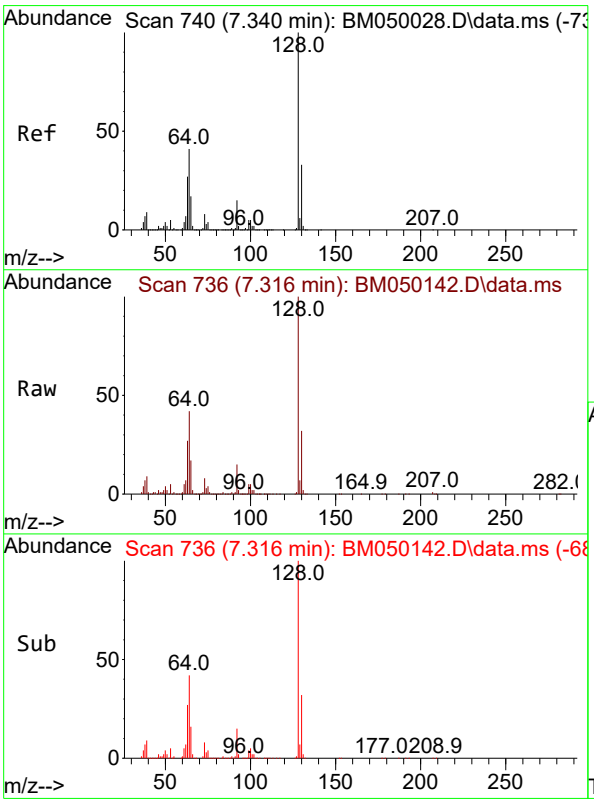
#7
Phenol-d6
Concen: 122.708 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 99 Resp: 2378415

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	32.1	25.6	38.4

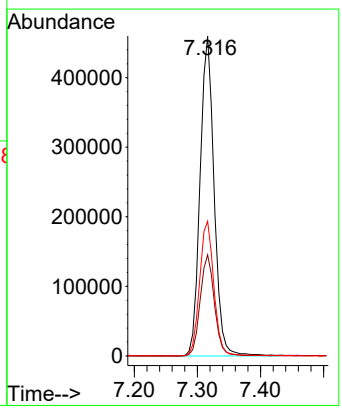


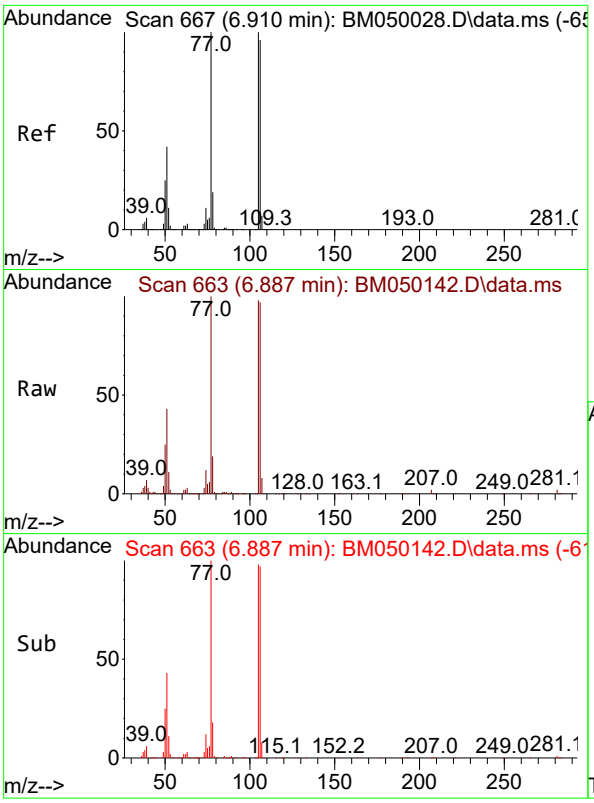


#8
2-Chlorophenol
Concen: 42.599 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:128 Resp: 710289

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.8	52.8
64	42.1	21.2	61.2



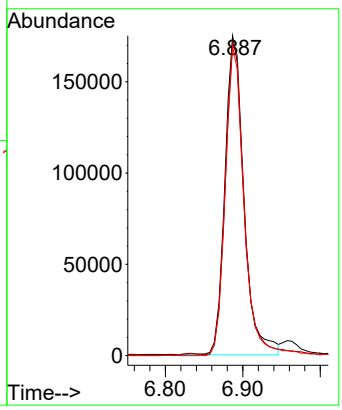


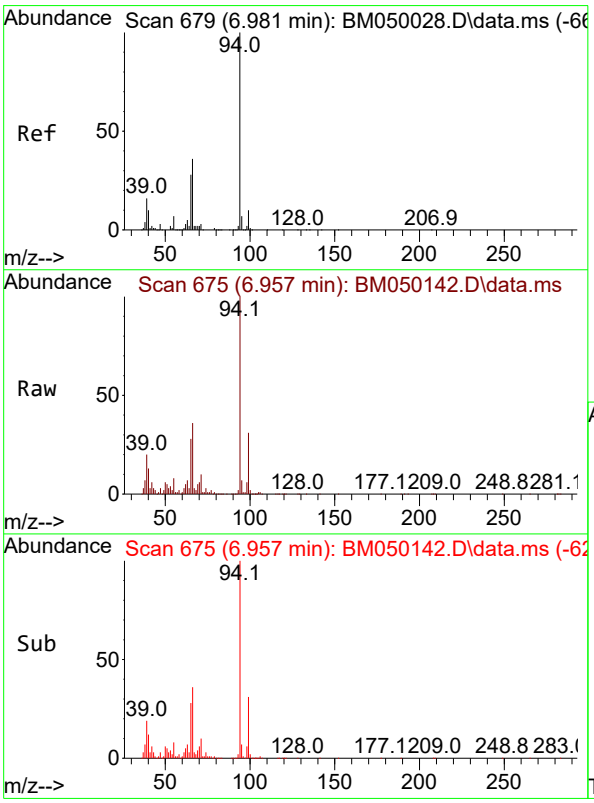
#9
Benzaldehyde
Concen: 22.950 ng
RT: 6.887 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 77 Resp: 297678

Ion	Ratio	Lower	Upper
77	100		
105	98.0	80.5	120.5
106	96.7	76.1	116.1

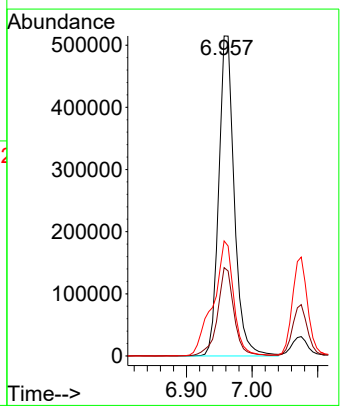


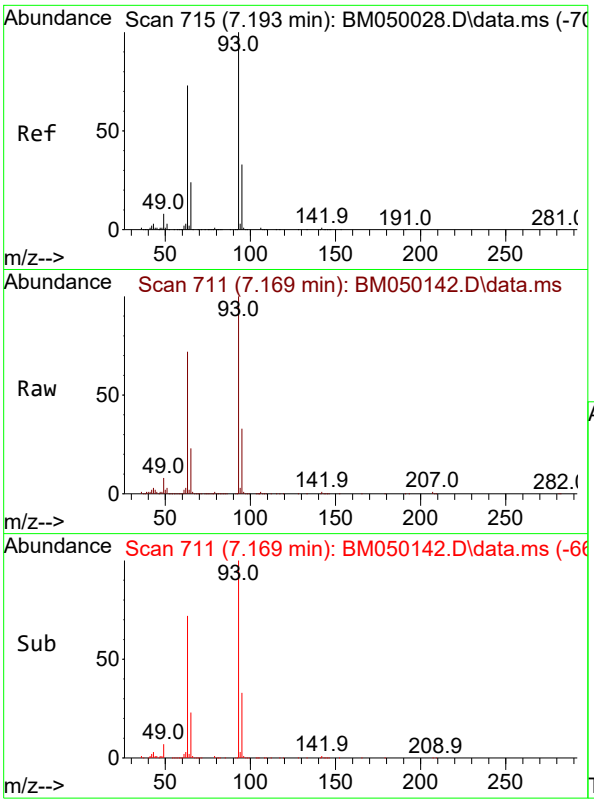


#10
Phenol
Concen: 42.933 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 94 Resp: 842425

Ion	Ratio	Lower	Upper
94	100		
65	27.6	7.6	47.6
66	36.0	15.8	55.8



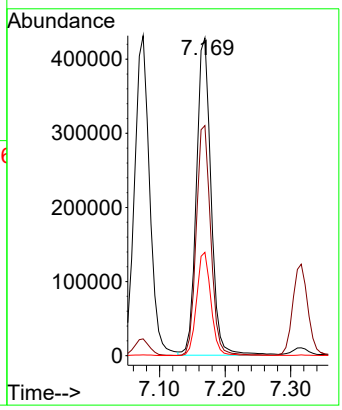


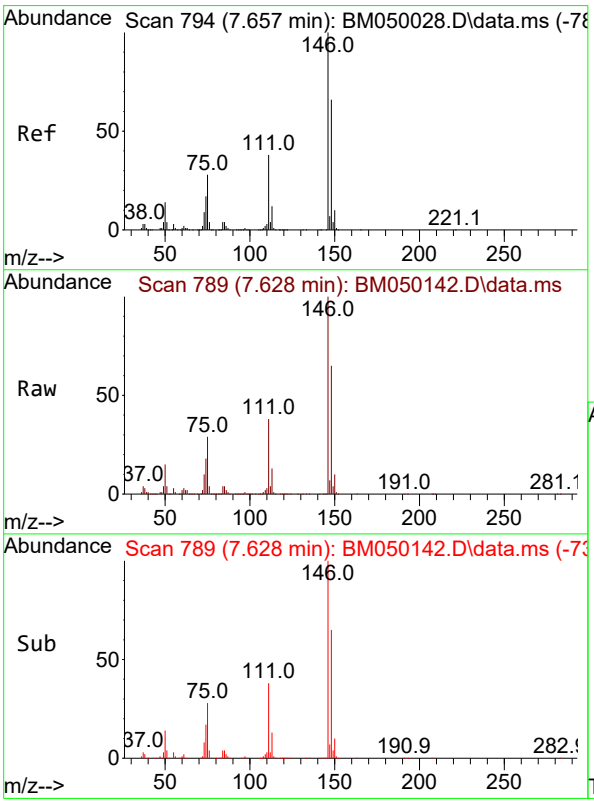
#11
bis(2-Chloroethyl)ether
Concen: 40.537 ng
RT: 7.169 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 93 Resp: 664180

Ion	Ratio	Lower	Upper
93	100		
63	72.4	52.3	92.3
95	32.5	12.8	52.8

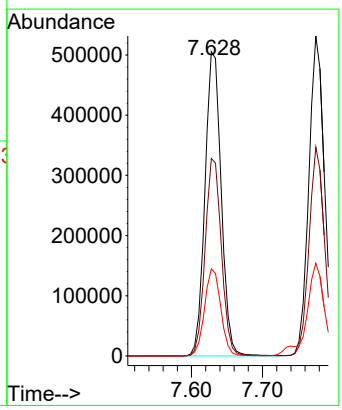


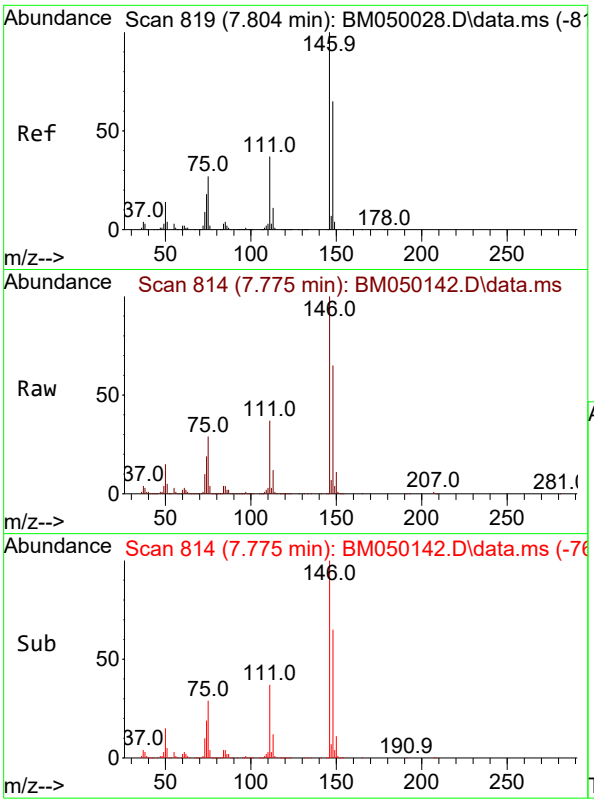


#12
1,3-Dichlorobenzene
Concen: 39.992 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:146 Resp: 805508

Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.5	78.7
75	28.6	22.6	34.0



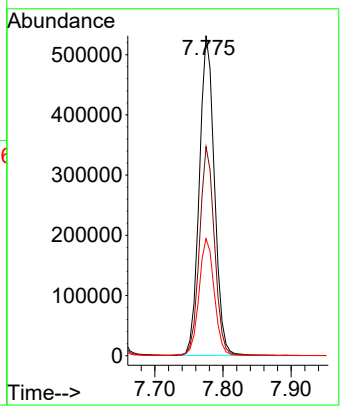


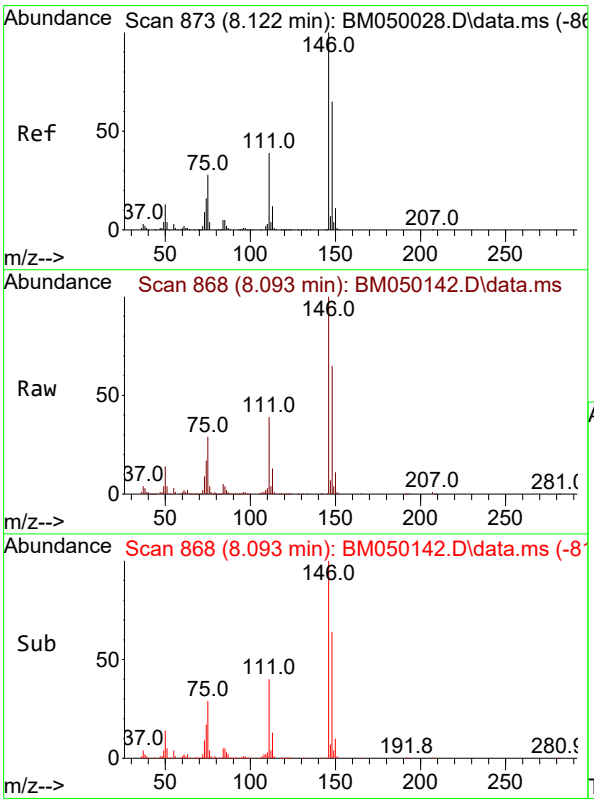
#13
1,4-Dichlorobenzene
Concen: 40.408 ng
RT: 7.775 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:146 Resp: 817636

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	36.6	29.3	43.9

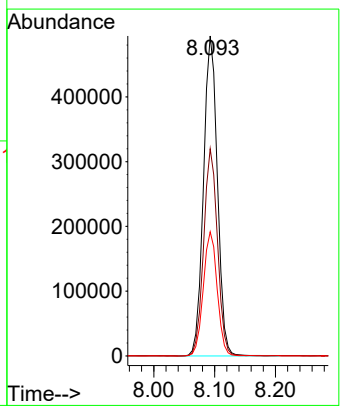


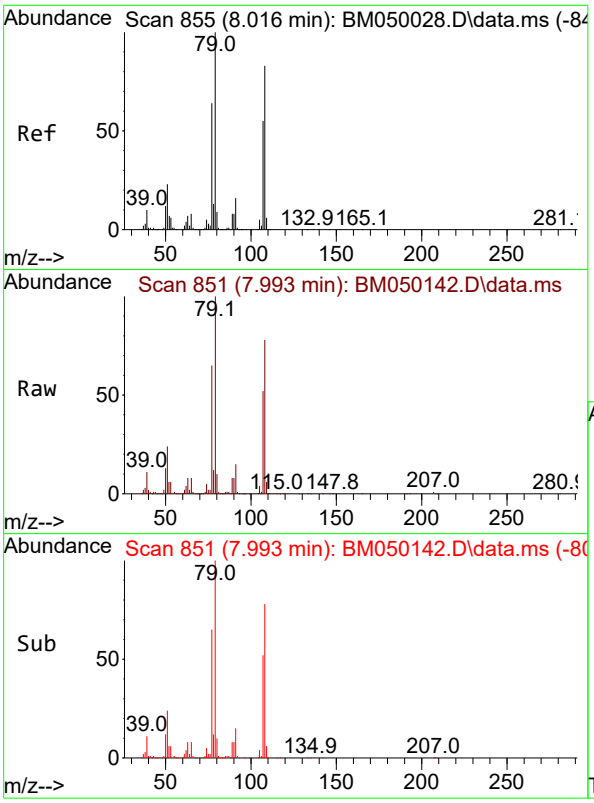


#14
1,2-Dichlorobenzene
Concen: 40.180 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:146 Resp: 785343

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.4	78.6
111	38.8	31.0	46.6



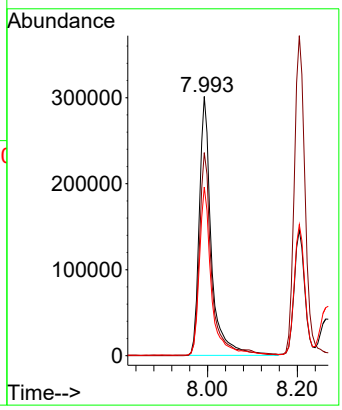


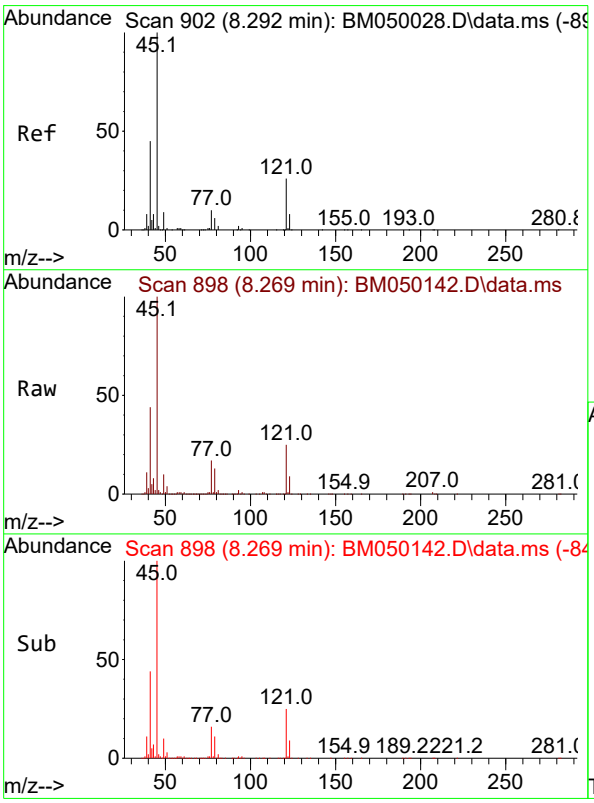
#15
Benzyl Alcohol
Concen: 41.749 ng
RT: 7.993 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 79 Resp: 561188

Ion	Ratio	Lower	Upper
79	100		
108	78.3	66.0	99.0
77	65.1	51.6	77.4

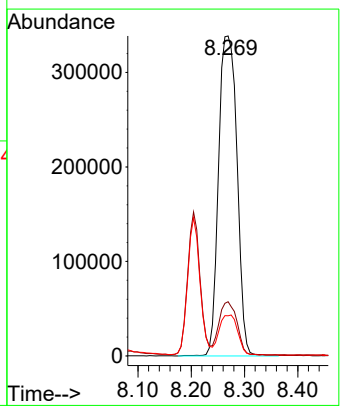


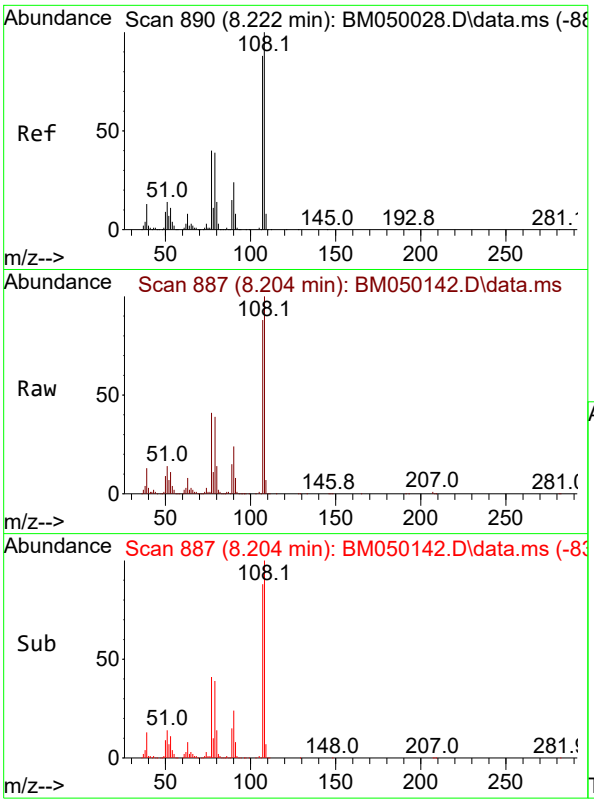


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.942 ng
RT: 8.269 min Scan# 898
Delta R.T. 0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 45 Resp: 815438

Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	36.4
79	12.5	0.0	32.7



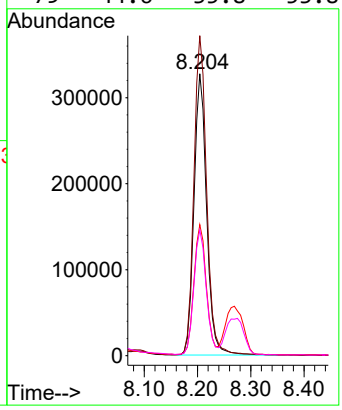


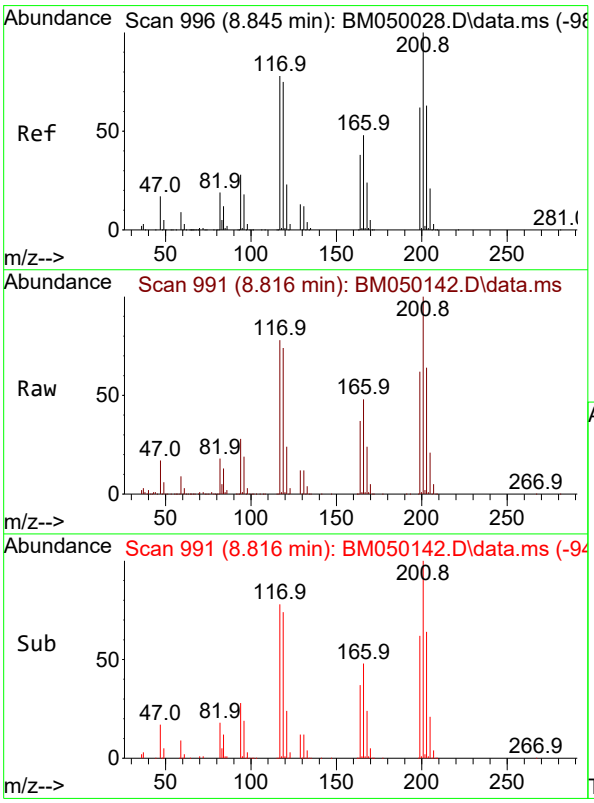
#17
2-Methylphenol
Concen: 41.717 ng
RT: 8.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:107 Resp: 539244

Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.1	136.7
77	46.5	36.2	54.4
79	44.6	35.8	53.8

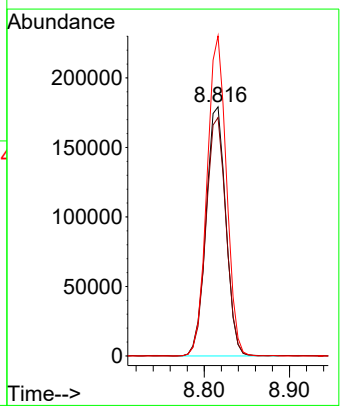


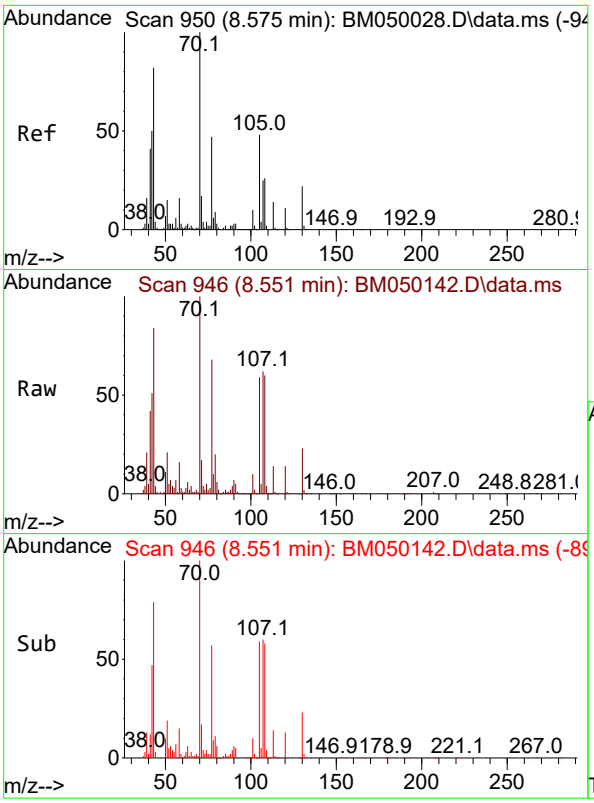


#18
Hexachloroethane
Concen: 40.192 ng
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:117 Resp: 289103

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
201	128.4	102.8	154.2



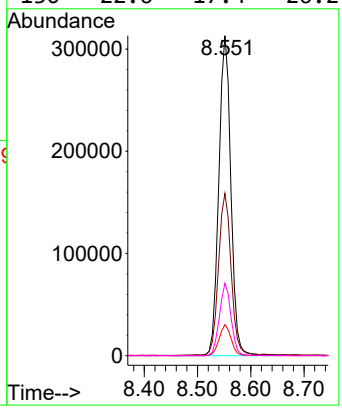


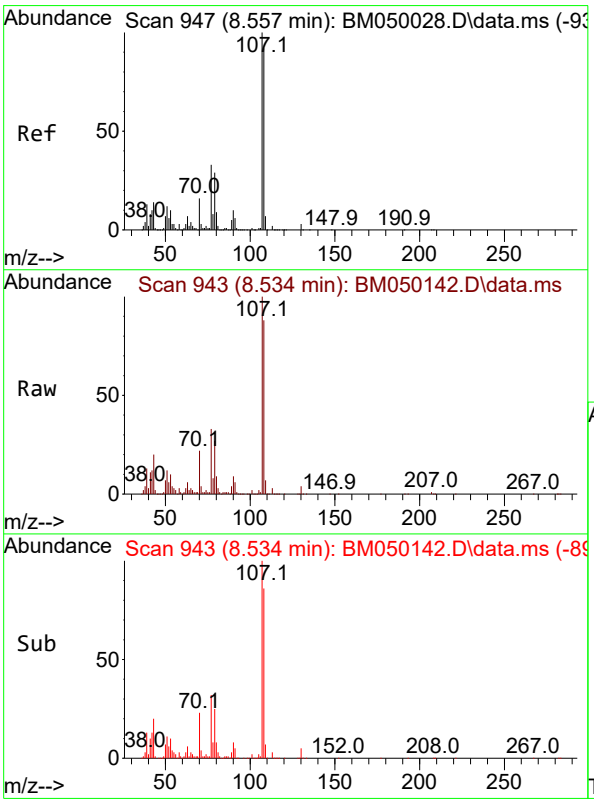
#19
n-Nitroso-di-n-propylamine
Concen: 39.608 ng
RT: 8.551 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 70 Resp: 492380

Ion	Ratio	Lower	Upper
70	100		
42	50.7	40.5	60.7
101	9.7	7.8	11.6
130	22.6	17.4	26.2

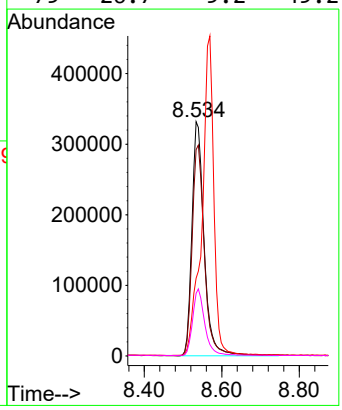


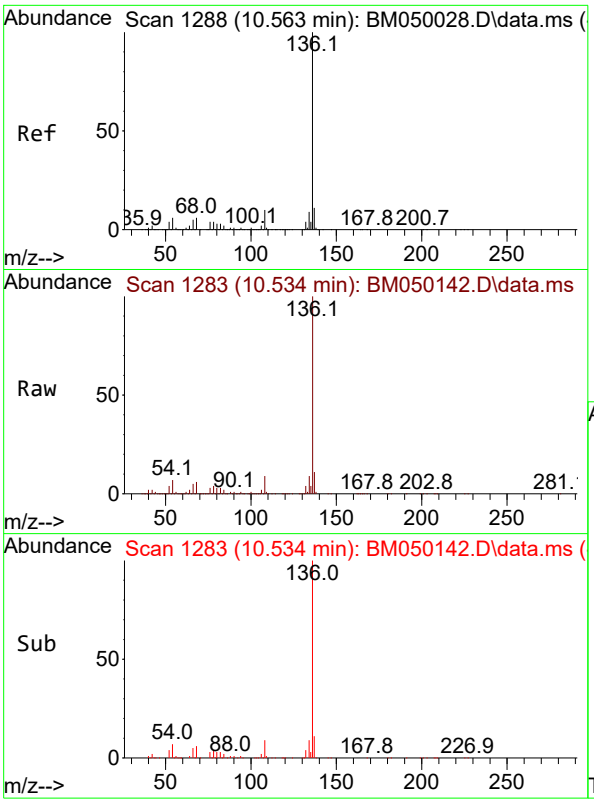


#20
3+4-Methylphenols
Concen: 41.511 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:107 Resp: 724638

Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.4	112.4
77	33.2	13.6	53.6
79	26.7	9.2	49.2



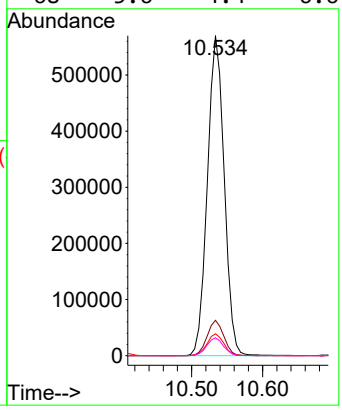


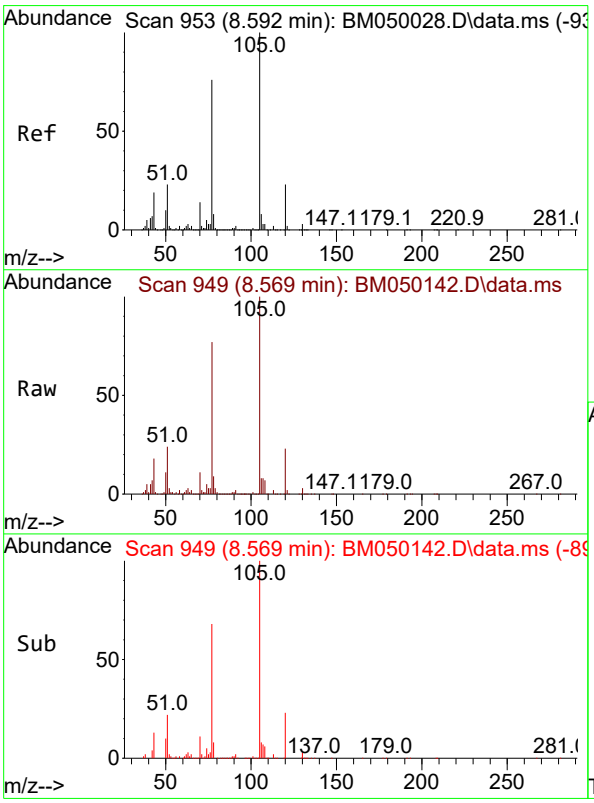
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:136 Resp: 938494

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.1	7.7
68	5.6	4.4	6.6

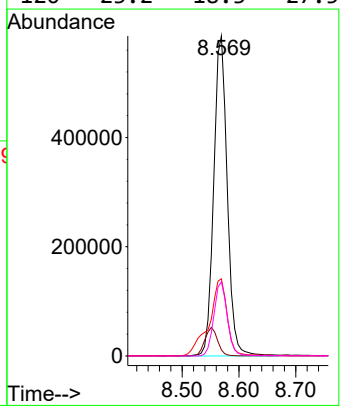


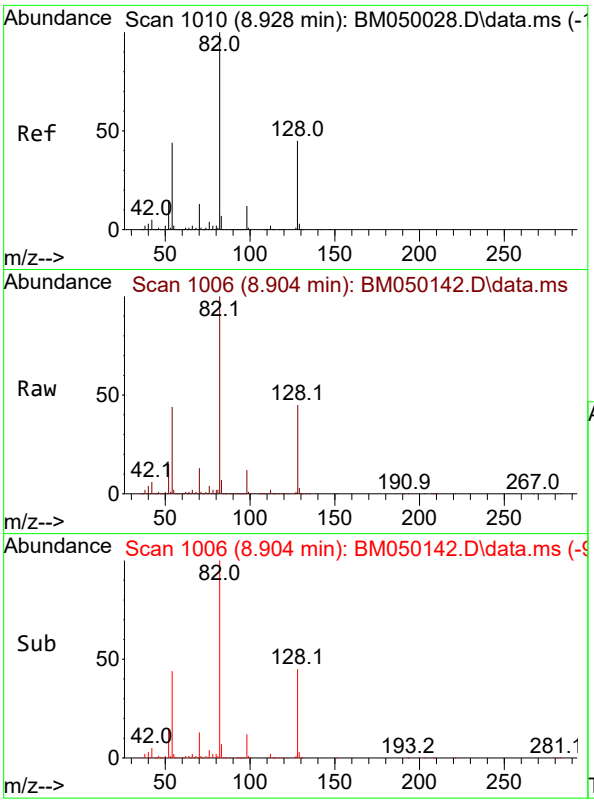


#22
Acetophenone
Concen: 41.478 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:105 Resp: 967776

Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.7	2.5
51	24.1	18.6	27.8
120	23.2	18.3	27.5



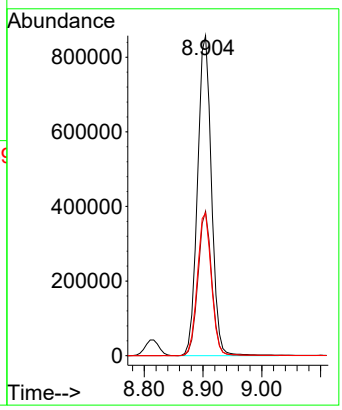


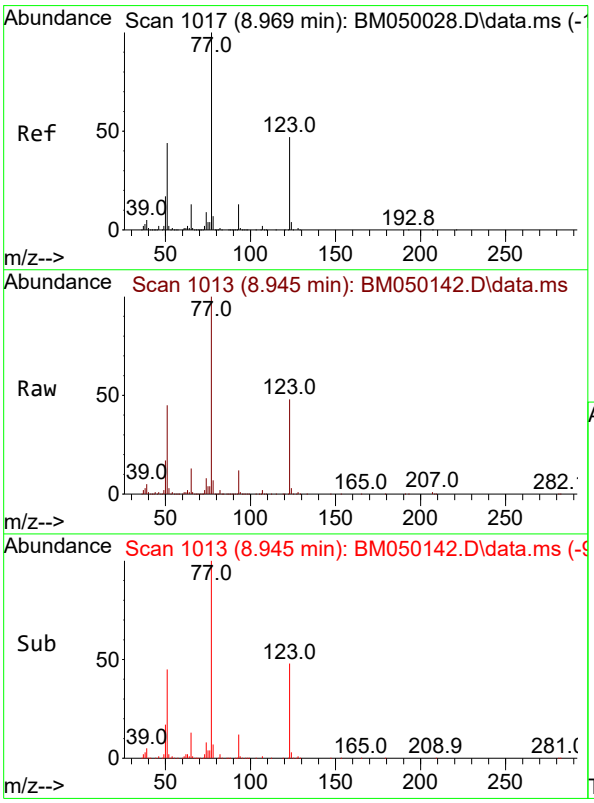
#23
Nitrobenzene-d5
Concen: 73.978 ng
RT: 8.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 82 Resp: 1408955

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.7	53.5
54	44.5	35.4	53.2

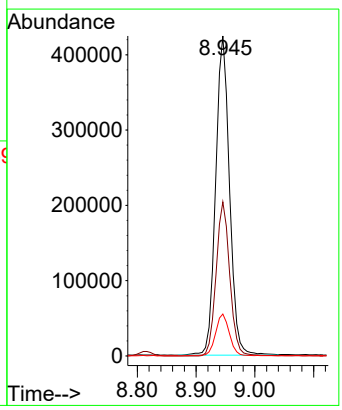


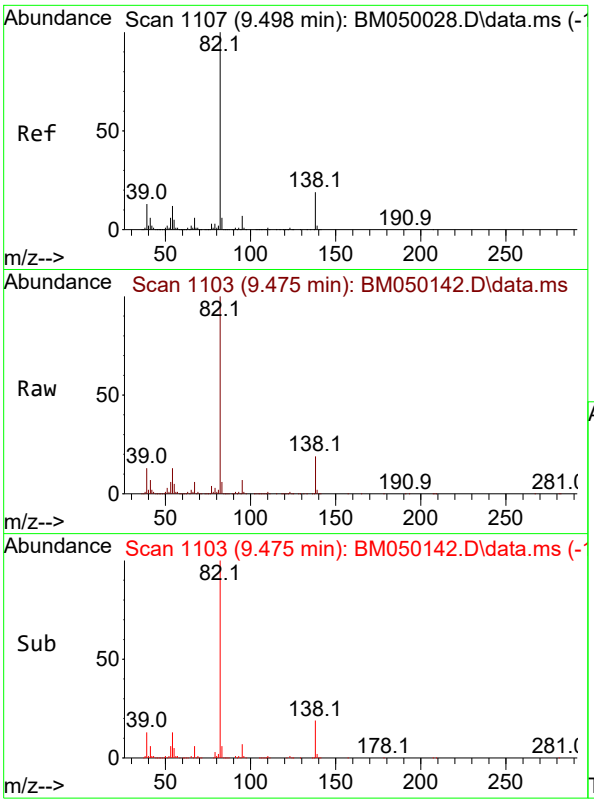


#24
Nitrobenzene
Concen: 42.273 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 77 Resp: 696141

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.1	10.1	15.1



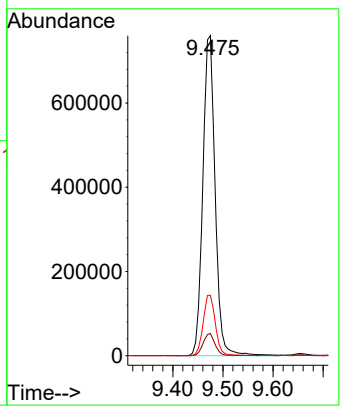


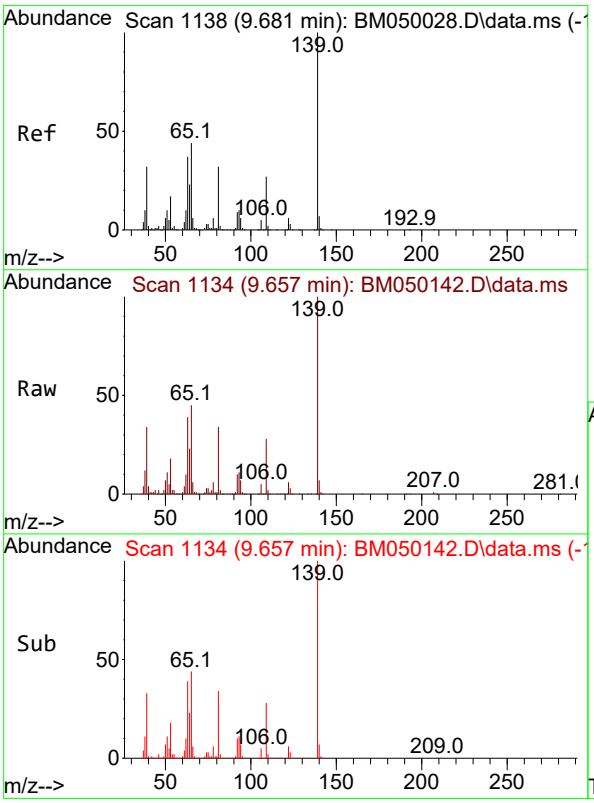
#25
Isophorone
Concen: 39.903 ng
RT: 9.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 82 Resp: 1295435

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.9	15.5	23.3

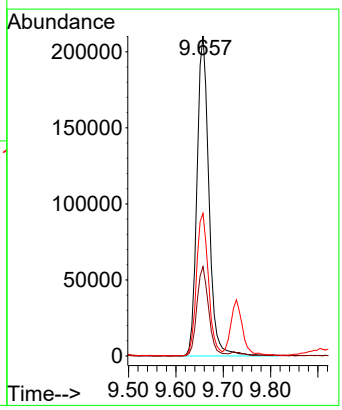


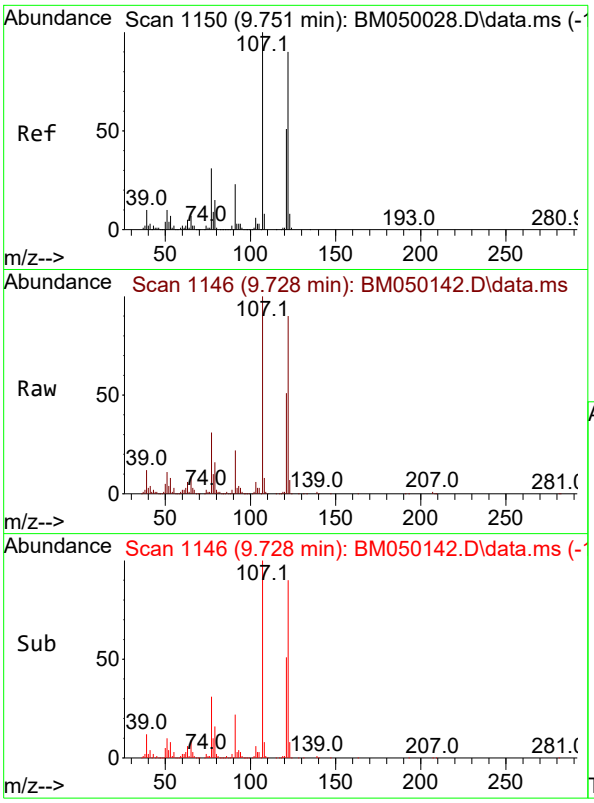


#26
2-Nitrophenol
Concen: 43.844 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:139 Resp: 368859

Ion	Ratio	Lower	Upper
139	100		
109	27.9	21.9	32.9
65	44.6	35.4	53.2



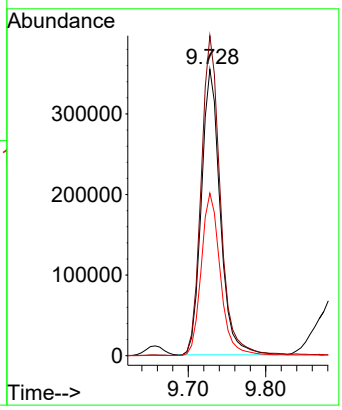


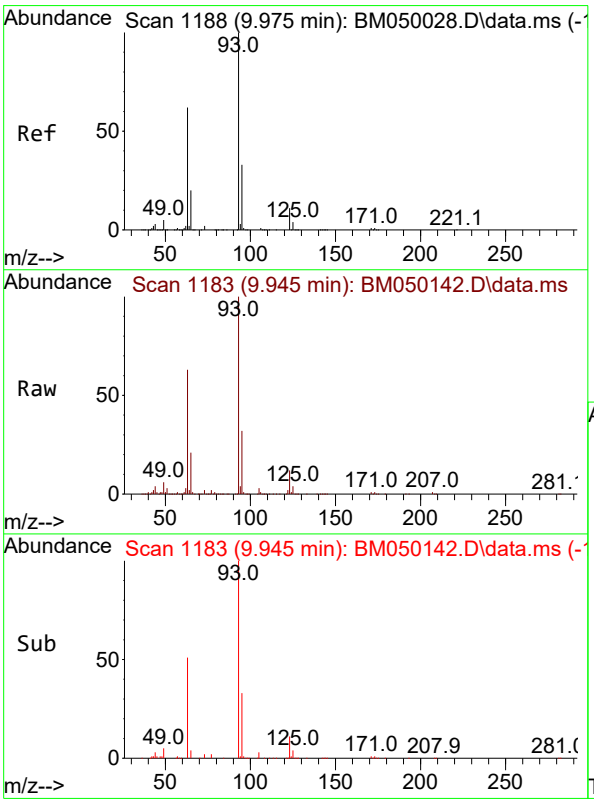
#27
2,4-Dimethylphenol
Concen: 42.880 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:122 Resp: 598259

Ion	Ratio	Lower	Upper
122	100		
107	111.7	89.0	133.6
121	56.7	45.6	68.4

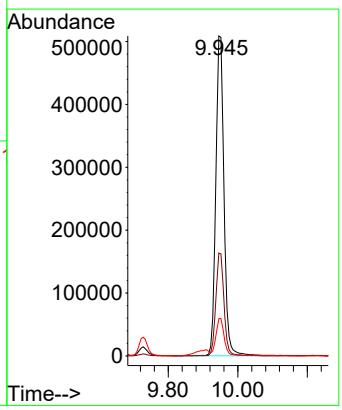


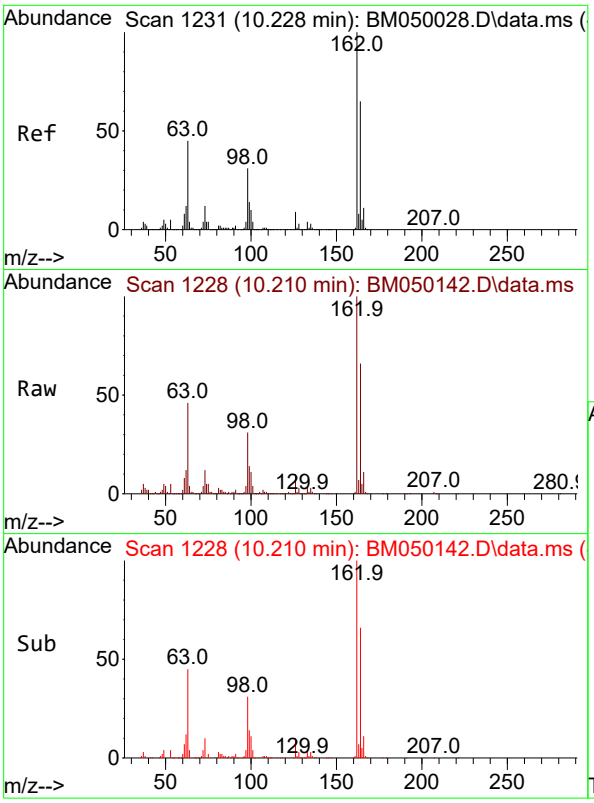


#28
bis(2-Chloroethoxy)methane
Concen: 41.256 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 93 Resp: 827841

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	11.7	9.5	14.3



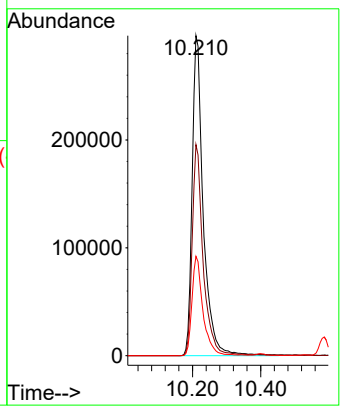


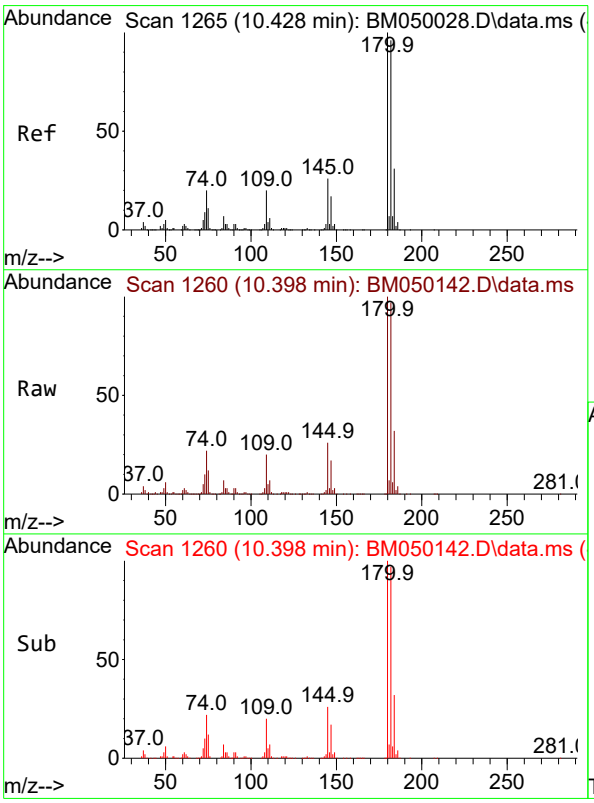
#29
2,4-Dichlorophenol
Concen: 43.040 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:162 Resp: 672716

Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.4	85.4
98	31.0	11.3	51.3

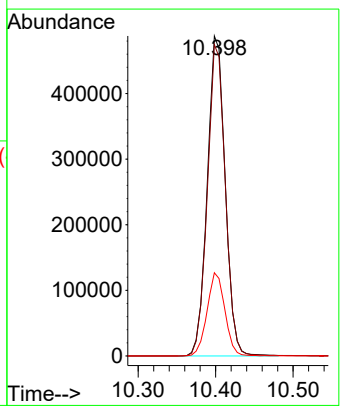


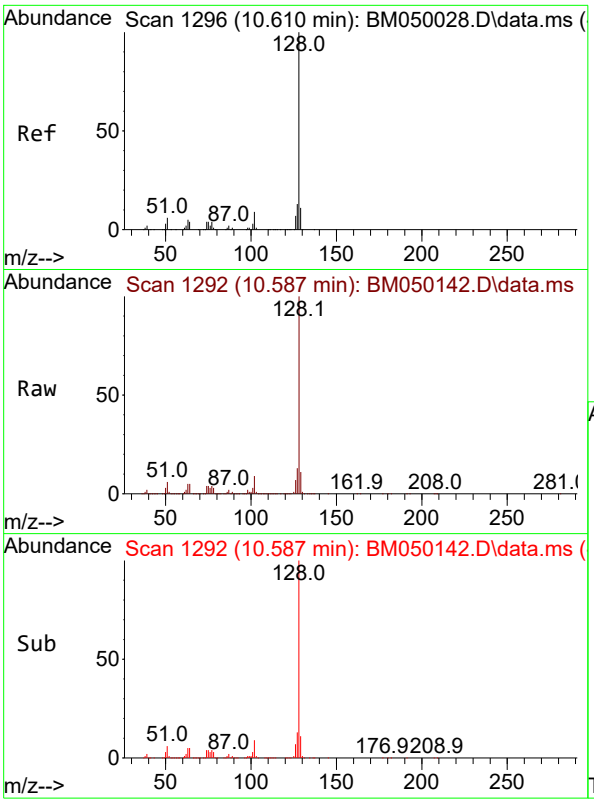


#30
1,2,4-Trichlorobenzene
Concen: 41.121 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:180 Resp: 783066

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.0	115.4
145	26.0	20.6	30.8



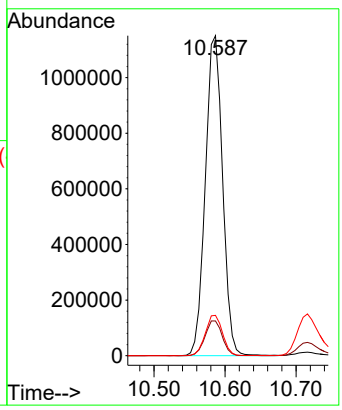


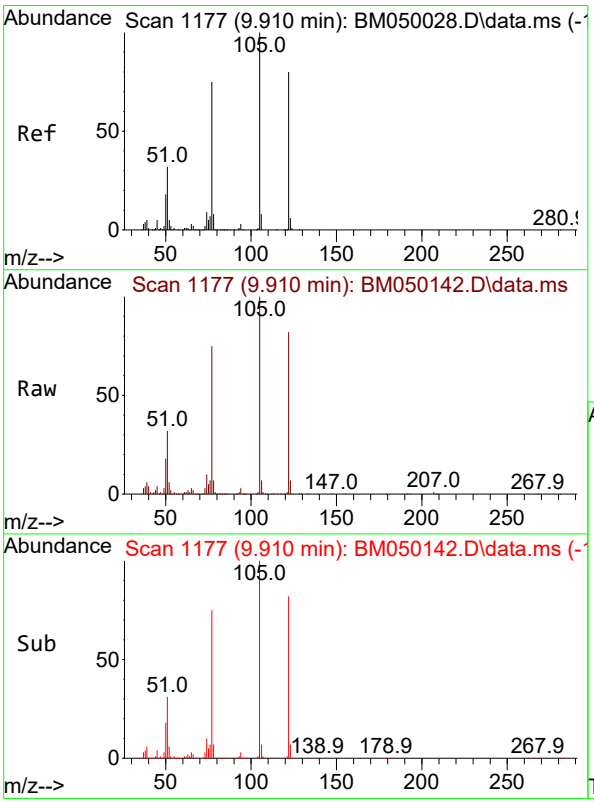
#31
Naphthalene
Concen: 40.920 ng
RT: 10.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:128 Resp: 1944854

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.6	10.4	15.6

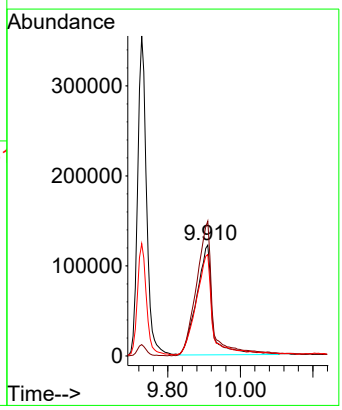


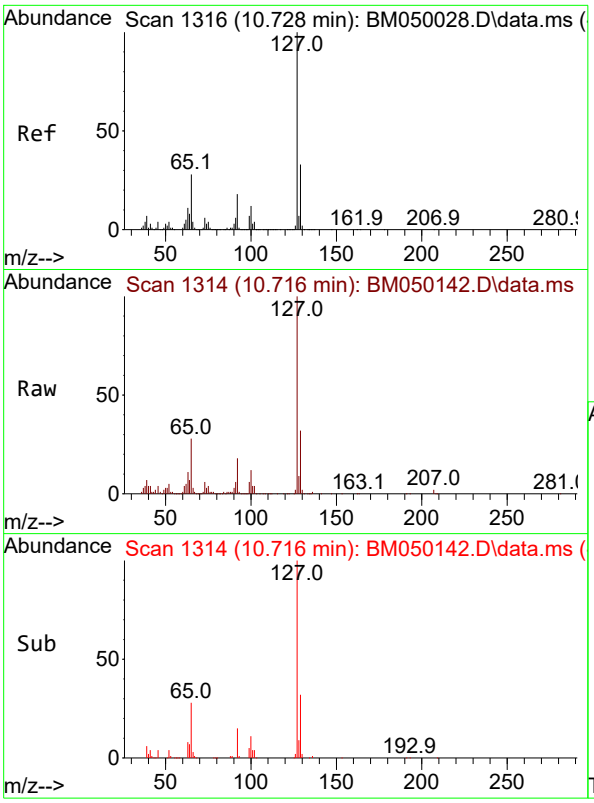


#32
Benzoic acid
Concen: 41.908 ng
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:122 Resp: 373948

Ion	Ratio	Lower	Upper
122	100		
105	121.7	103.6	143.6
77	91.4	73.7	113.7



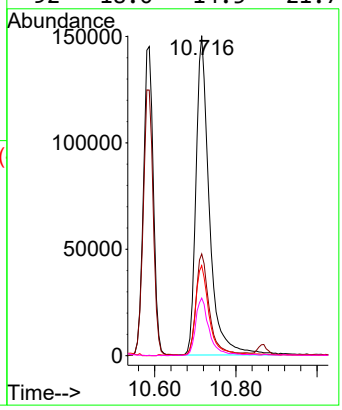


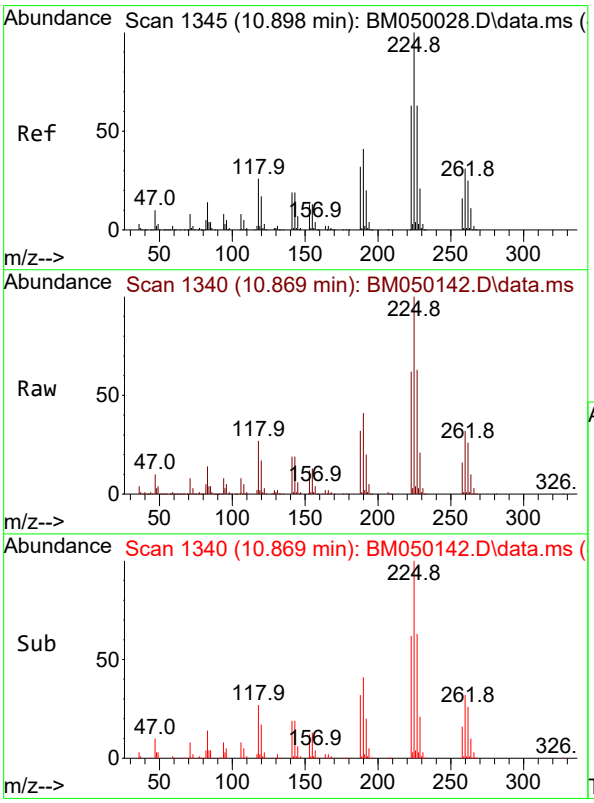
#33
4-Chloroaniline
Concen: 17.737 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:127 Resp: 345539

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.1	22.5	33.7
92	18.0	14.5	21.7

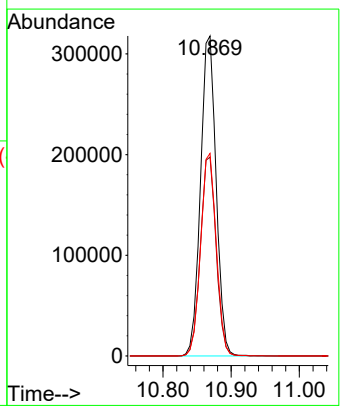


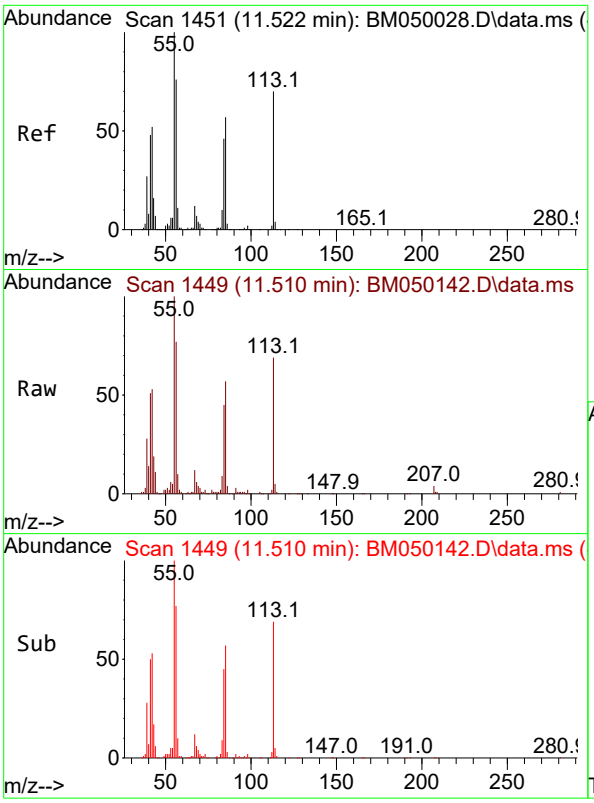


#34
Hexachlorobutadiene
Concen: 41.872 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:225 Resp: 506147

Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	63.3	50.6	76.0



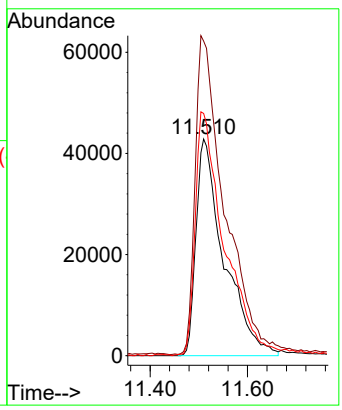


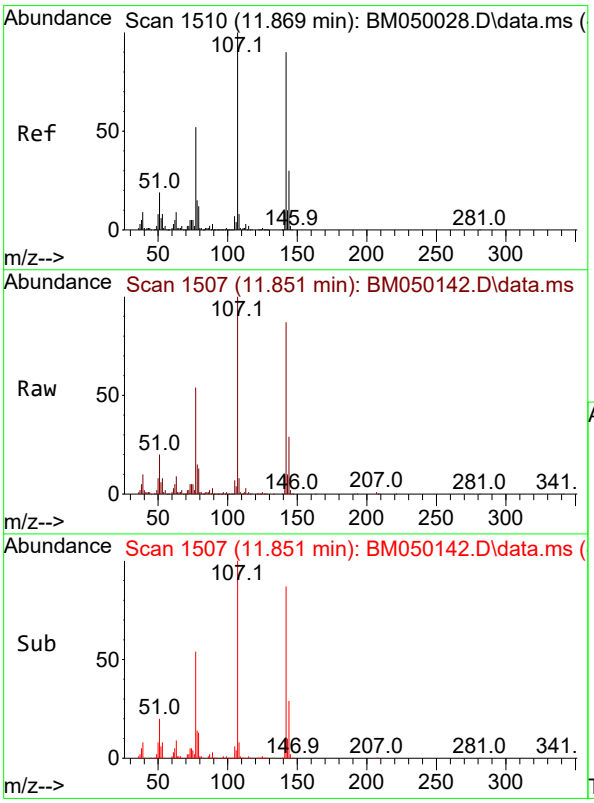
#35
Caprolactam
Concen: 37.395 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:113 Resp: 170422

Ion	Ratio	Lower	Upper
113	100		
55	145.2	122.9	162.9
56	111.8	88.1	128.1

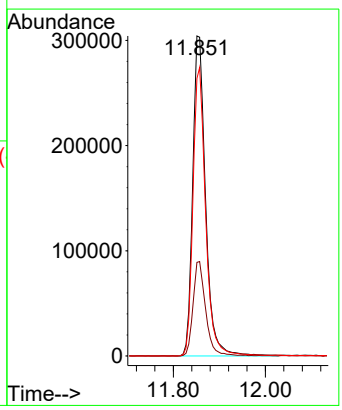


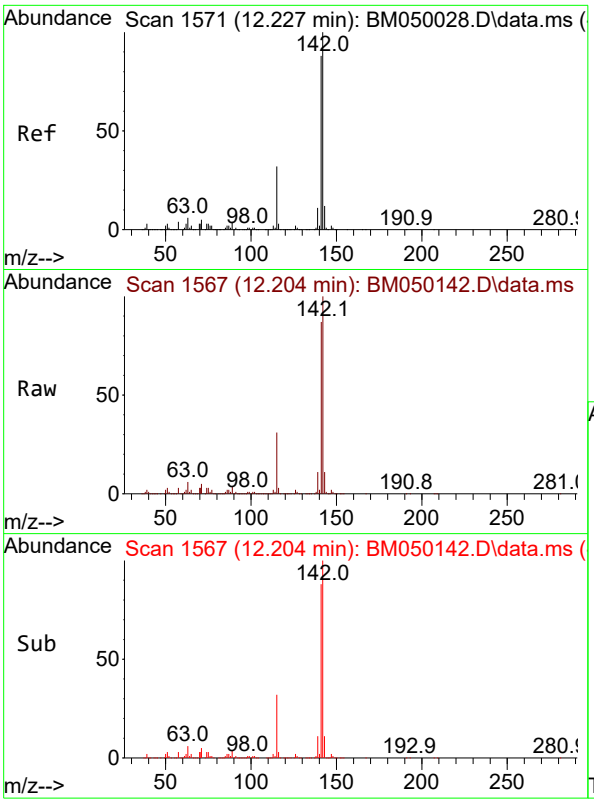


#36
4-Chloro-3-methylphenol
Concen: 40.784 ng
RT: 11.851 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:107 Resp: 588941

Ion	Ratio	Lower	Upper
107	100		
144	29.3	23.8	35.6
142	86.7	71.9	107.9



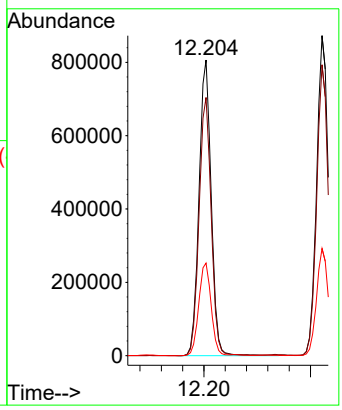


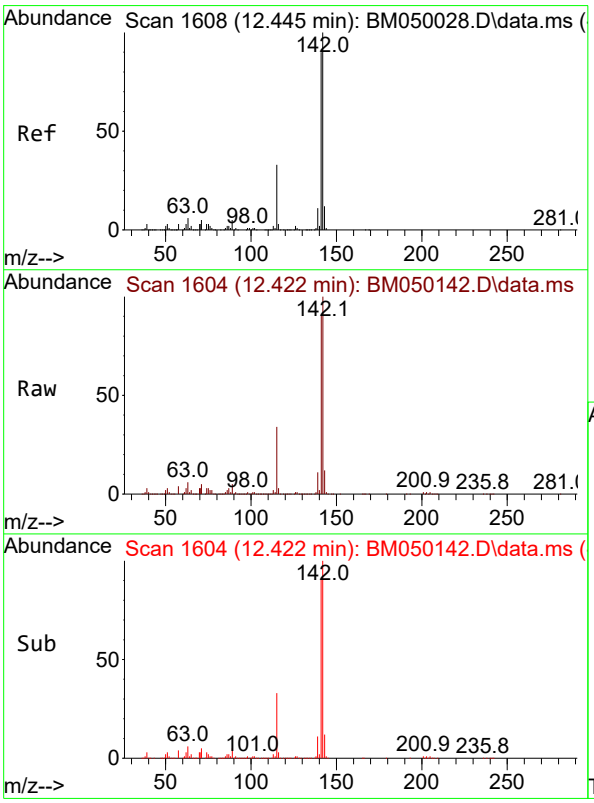
#37
2-Methylnaphthalene
Concen: 39.930 ng
RT: 12.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:142 Resp: 1272363

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.4	105.6
115	31.3	25.4	38.2

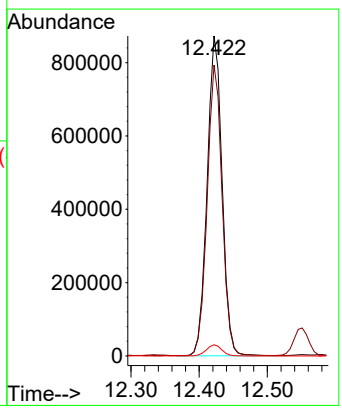


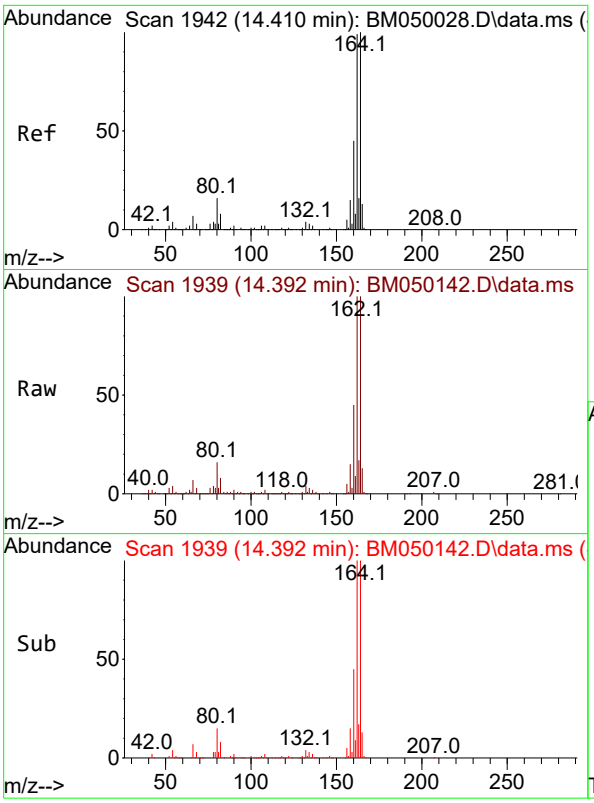


#38
1-Methylnaphthalene
Concen: 39.460 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:142 Resp: 1330659

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.1	108.1
116	3.5	2.7	4.1



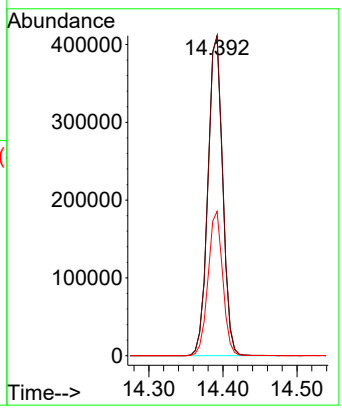


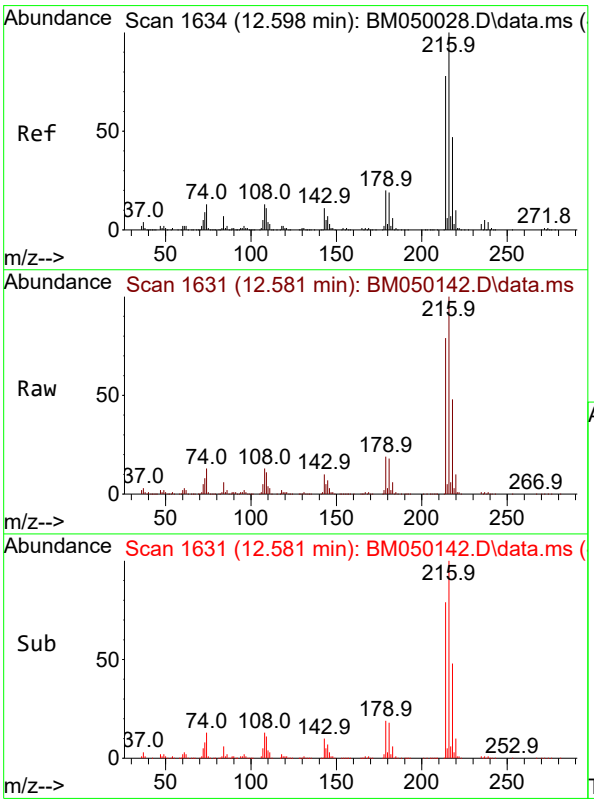
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:164 Resp: 568093

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.0
160	45.2	36.2	54.4

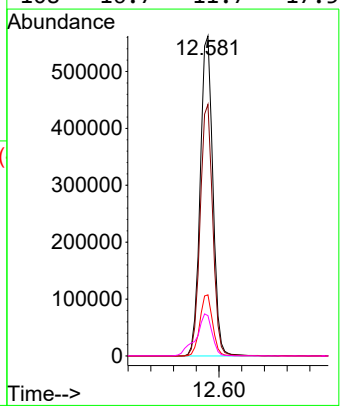


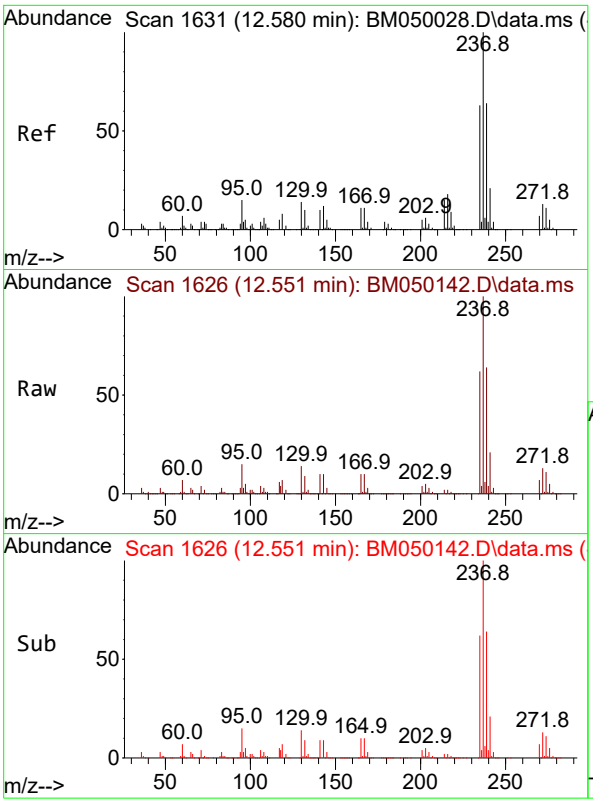


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.227 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:216 Resp: 869756

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	19.4	15.4	23.0
108	16.7	11.7	17.5



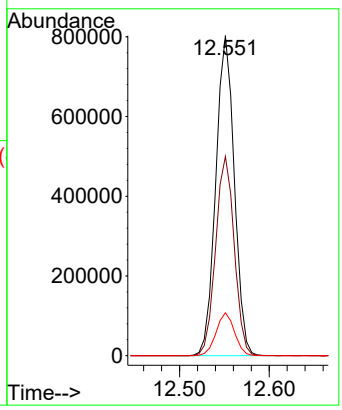


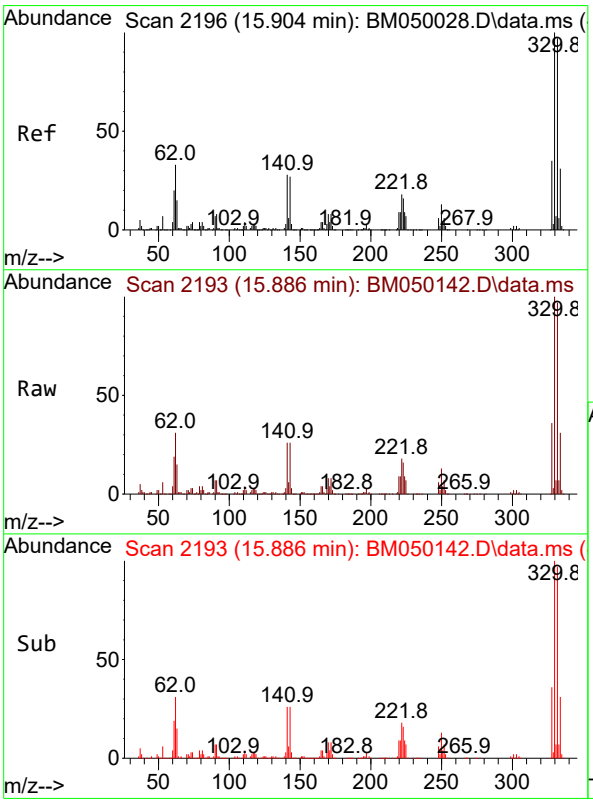
#41
Hexachlorocyclopentadiene
Concen: 95.780 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:237 Resp: 1151100

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.9	82.9
272	13.4	0.0	32.9

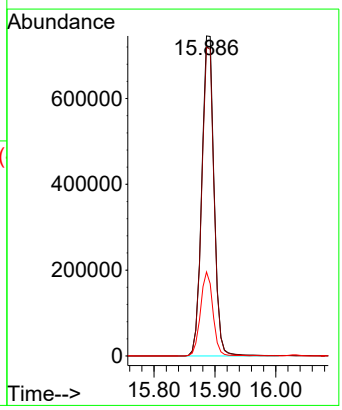


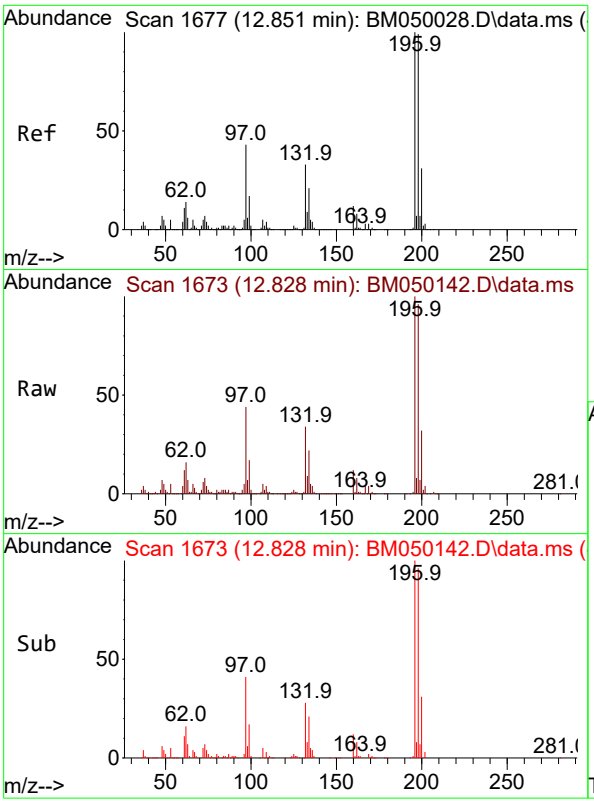


#42
2,4,6-Tribromophenol
Concen: 124.237 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:330 Resp: 1043589

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	26.6	22.5	33.7



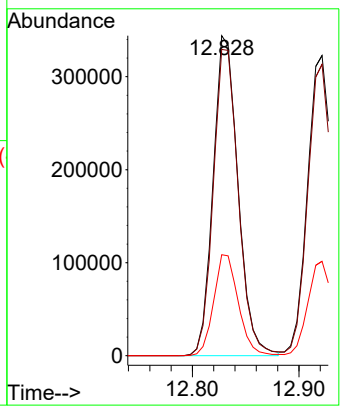


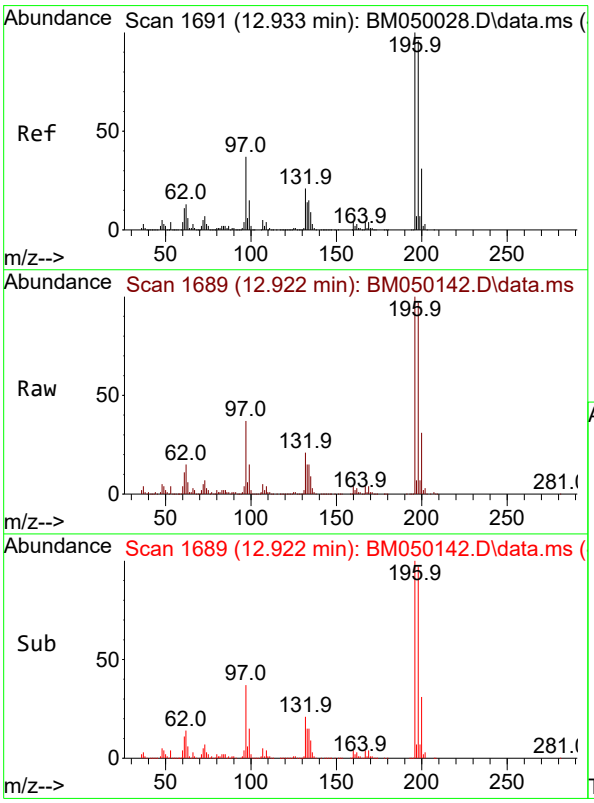
#43
2,4,6-Trichlorophenol
Concen: 44.808 ng
RT: 12.828 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:196 Resp: 558909

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.0	118.6
200	31.5	25.1	37.7

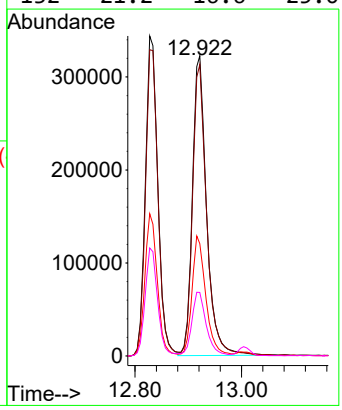


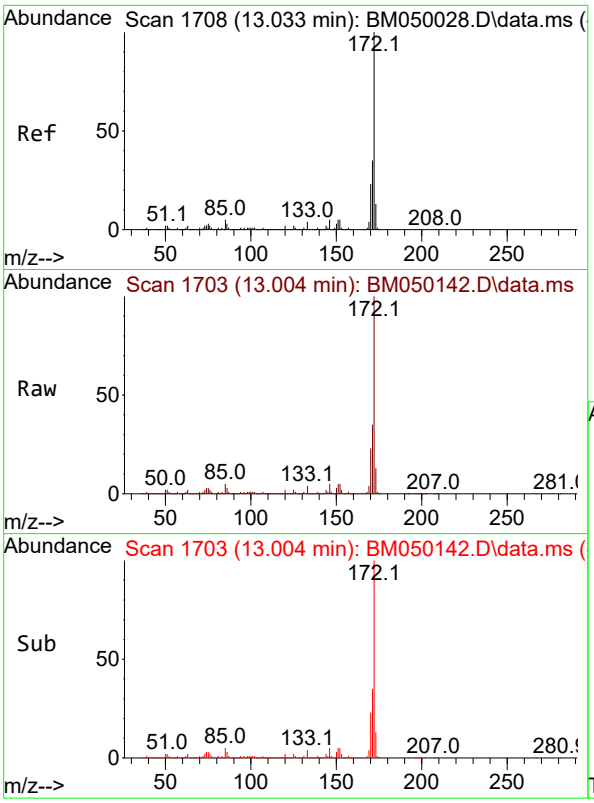


#44
2,4,5-Trichlorophenol
Concen: 44.267 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:196 Resp: 595418

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.7	115.1
97	37.4	30.1	45.1
132	21.2	16.6	25.0



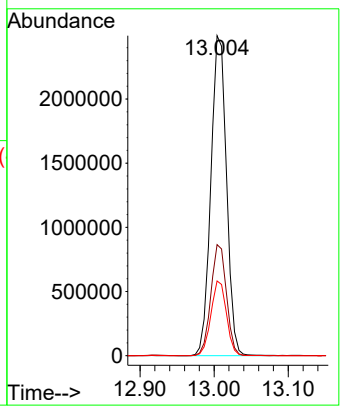


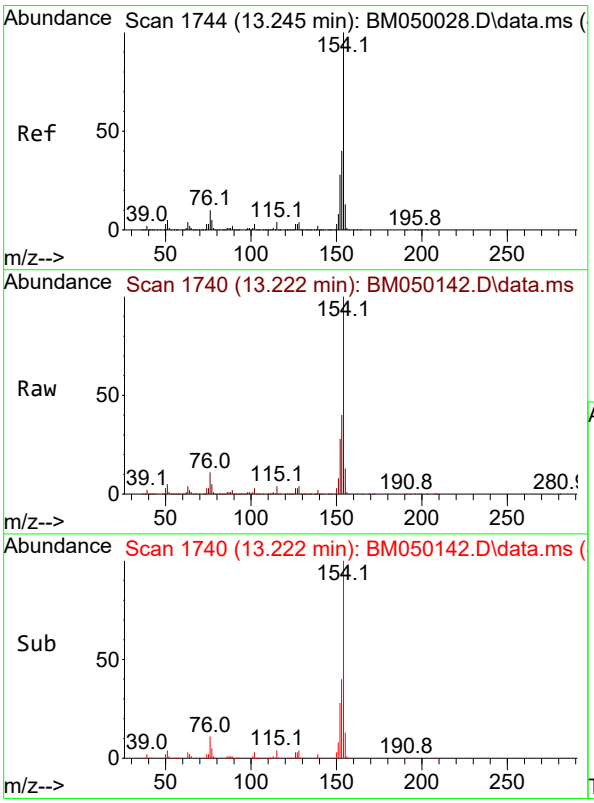
#45
2-Fluorobiphenyl
Concen: 76.087 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:172 Resp: 3653835

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.6
170	23.4	18.6	28.0

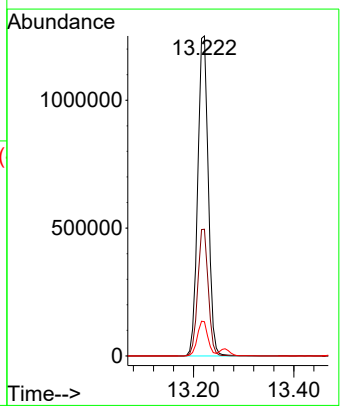


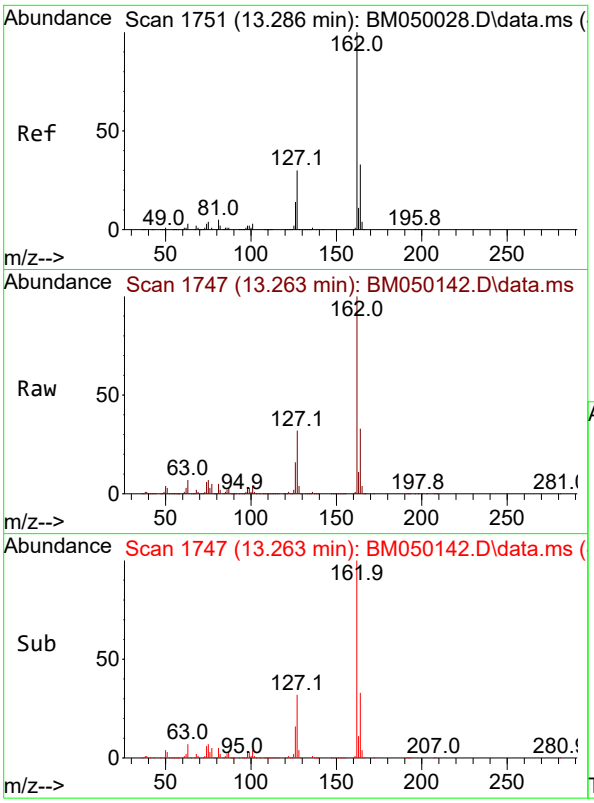


#46
1,1'-Biphenyl
Concen: 43.196 ng
RT: 13.222 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:154 Resp: 1824120

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.0	60.0
76	10.7	0.0	30.3



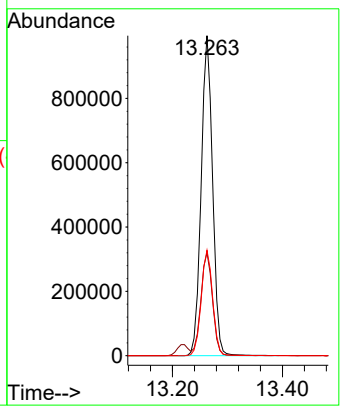


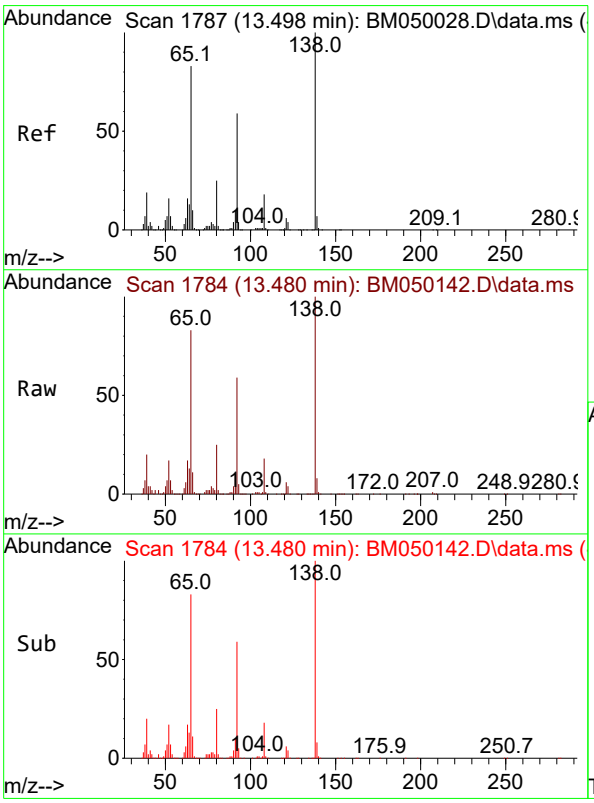
#47
2-Chloronaphthalene
Concen: 42.925 ng
RT: 13.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:162 Resp: 1435664

Ion	Ratio	Lower	Upper
162	100		
127	32.2	25.9	38.9
164	33.0	26.6	40.0

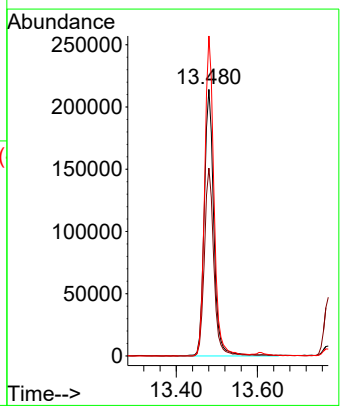


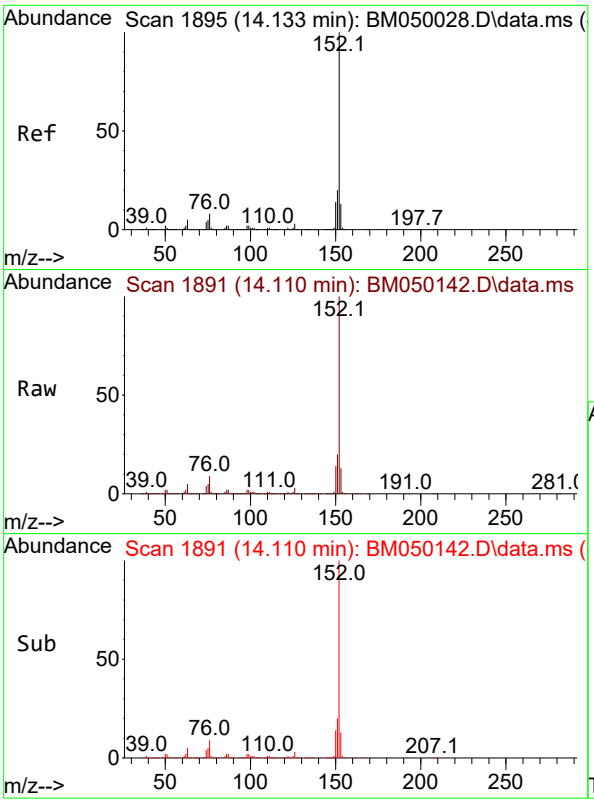


#48
2-Nitroaniline
Concen: 44.692 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion: 65 Resp: 350822

Ion	Ratio	Lower	Upper
65	100		
92	70.5	57.1	85.7
138	120.0	97.0	145.4



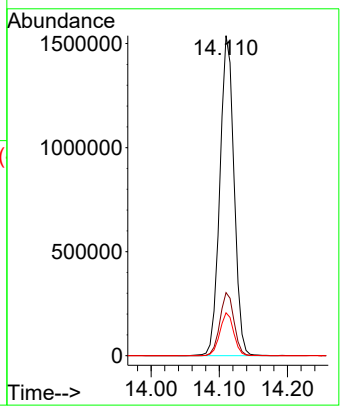


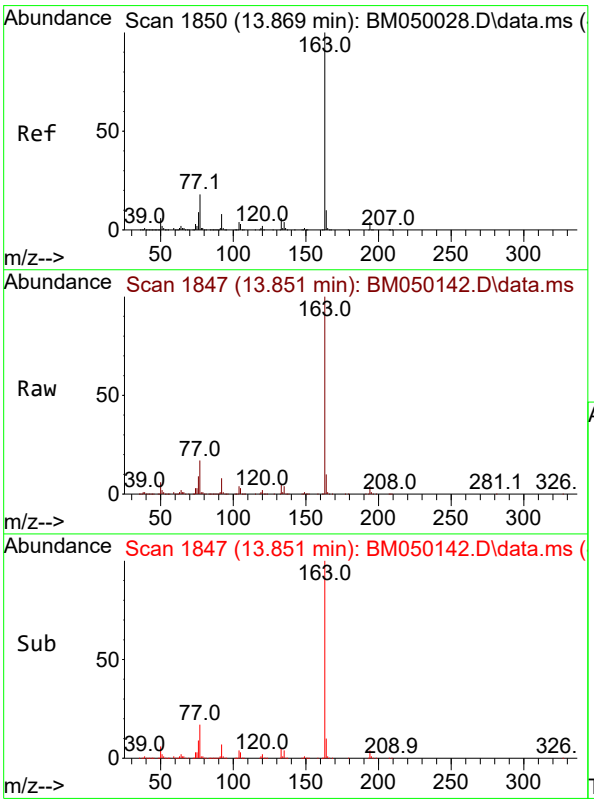
#49
Acenaphthylene
Concen: 42.274 ng
RT: 14.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:152 Resp: 2229269

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.6	15.8

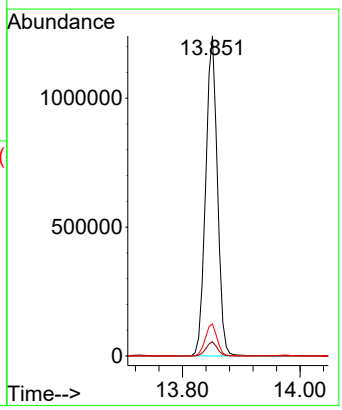


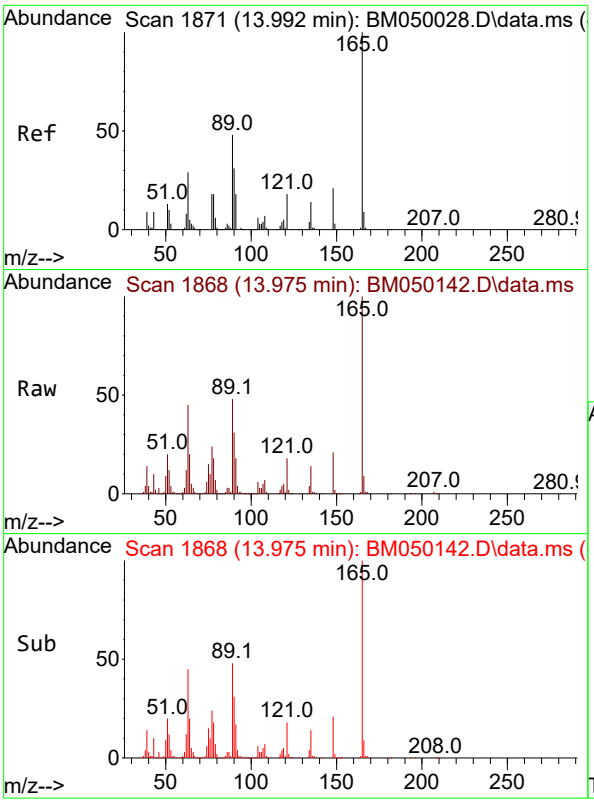


#50
Dimethylphthalate
Concen: 41.219 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:163 Resp: 1711305

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.2	12.2



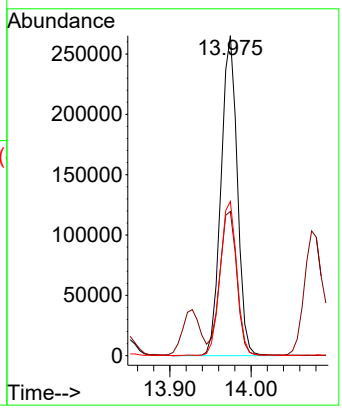


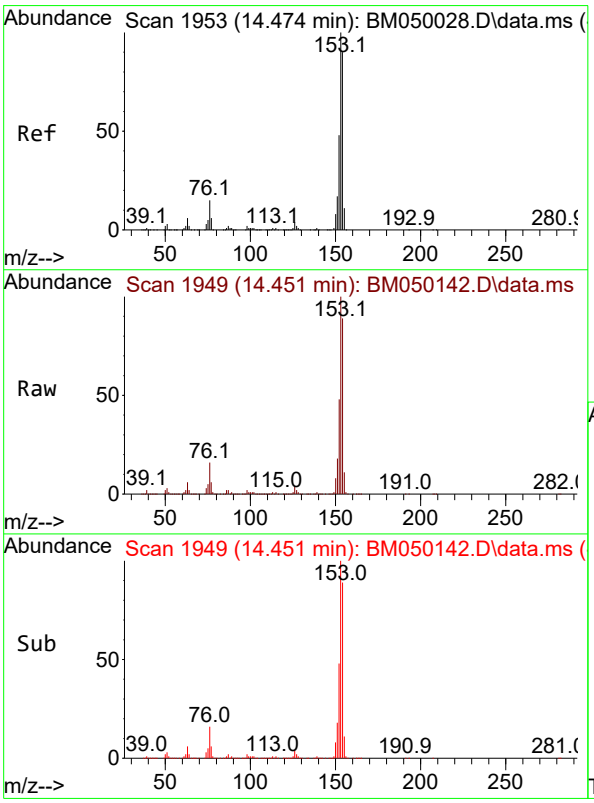
#51
2,6-Dinitrotoluene
Concen: 43.131 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:165 Resp: 370744

Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.1	52.7
89	48.2	38.4	57.6

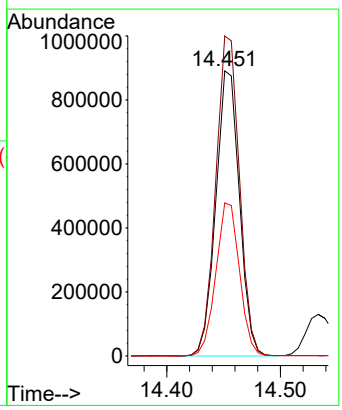


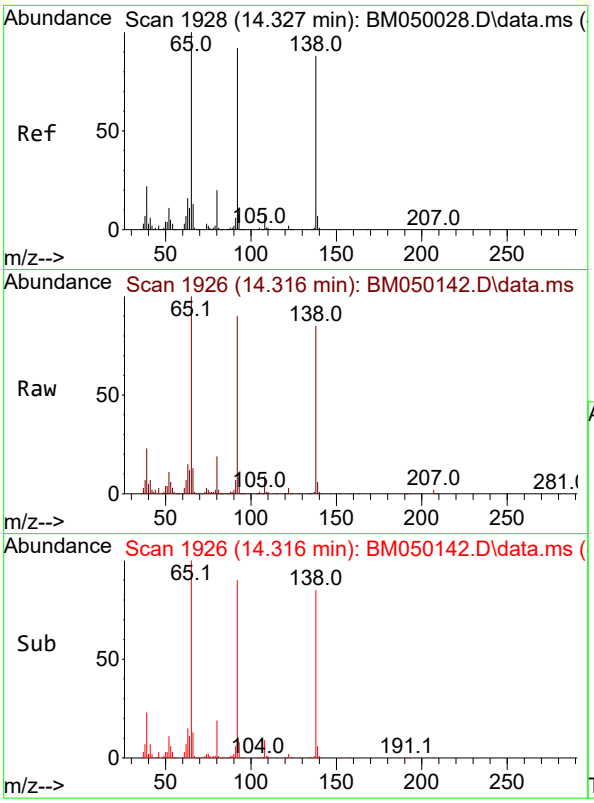


#52
Acenaphthene
Concen: 42.149 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:154 Resp: 1286566

Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.0	133.4
152	53.7	43.0	64.6



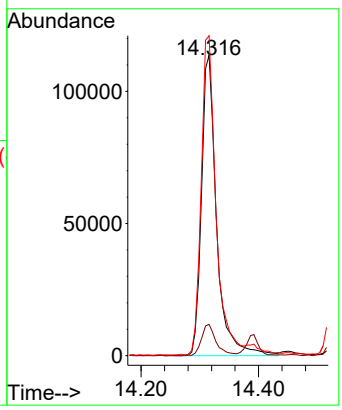


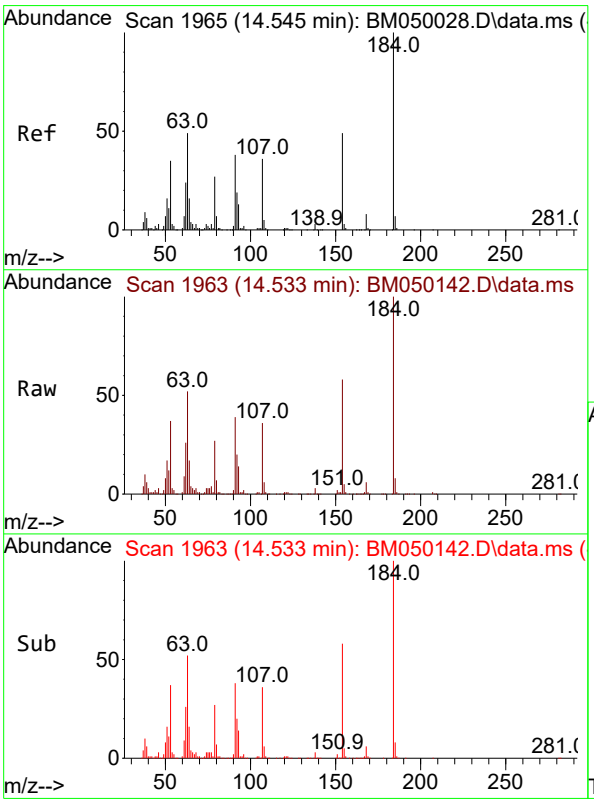
#53
3-Nitroaniline
Concen: 24.793 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:138 Resp: 203467

Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.4	11.2
92	106.5	84.0	126.0

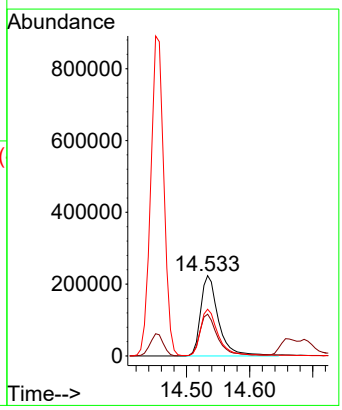


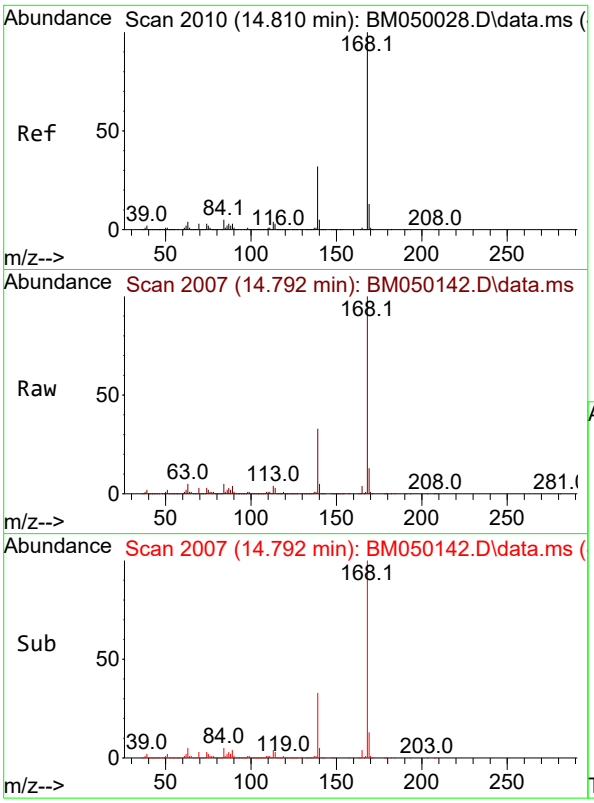


#54
2,4-Dinitrophenol
Concen: 79.596 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:184 Resp: 437692

Ion	Ratio	Lower	Upper
184	100		
63	51.9	39.8	59.6
154	58.0	46.1	69.1



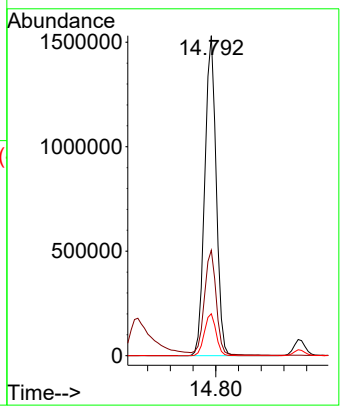


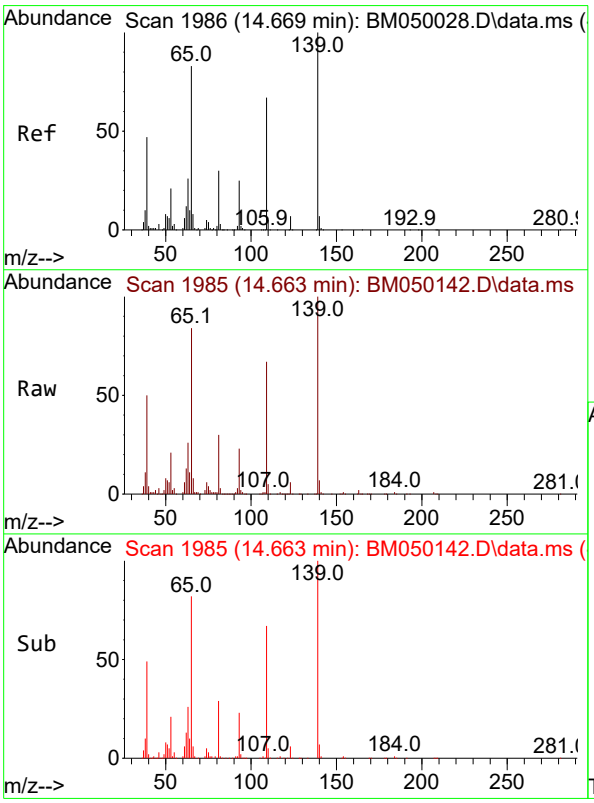
#55
Dibenzofuran
Concen: 41.776 ng
RT: 14.792 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:168 Resp: 2121632

Ion	Ratio	Lower	Upper
168	100		
139	32.9	26.1	39.1
169	13.1	10.8	16.2

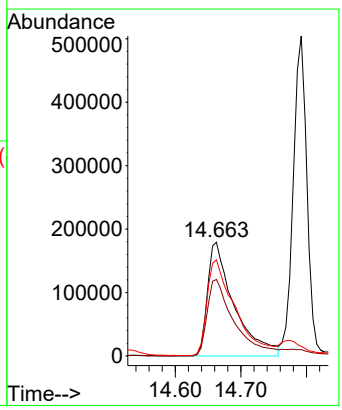


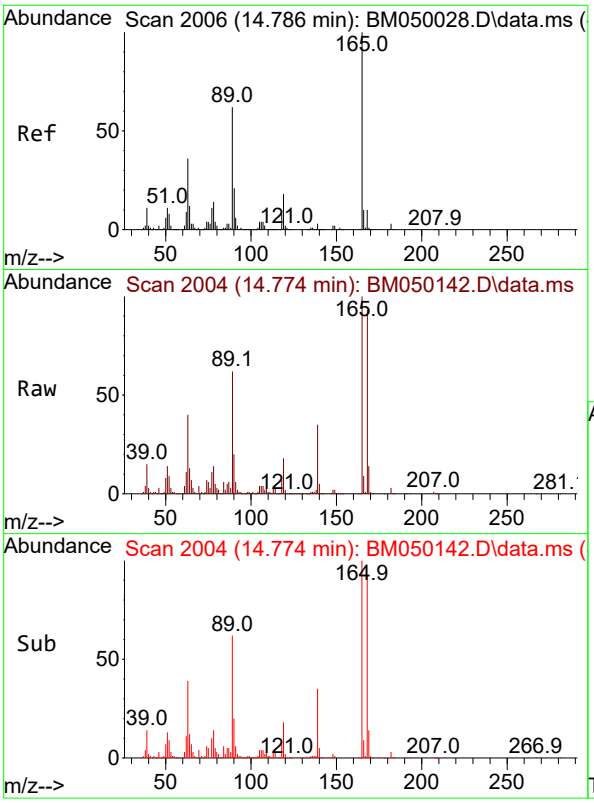


#56
4-Nitrophenol
Concen: 75.740 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:139 Resp: 503968

Ion	Ratio	Lower	Upper
139	100		
109	67.2	47.0	87.0
65	84.5	64.3	104.3



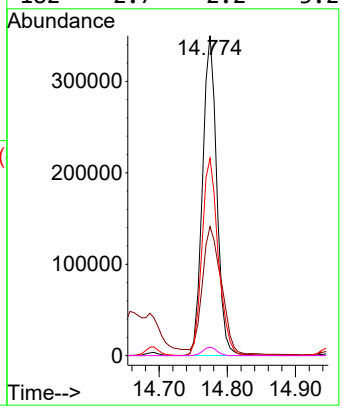


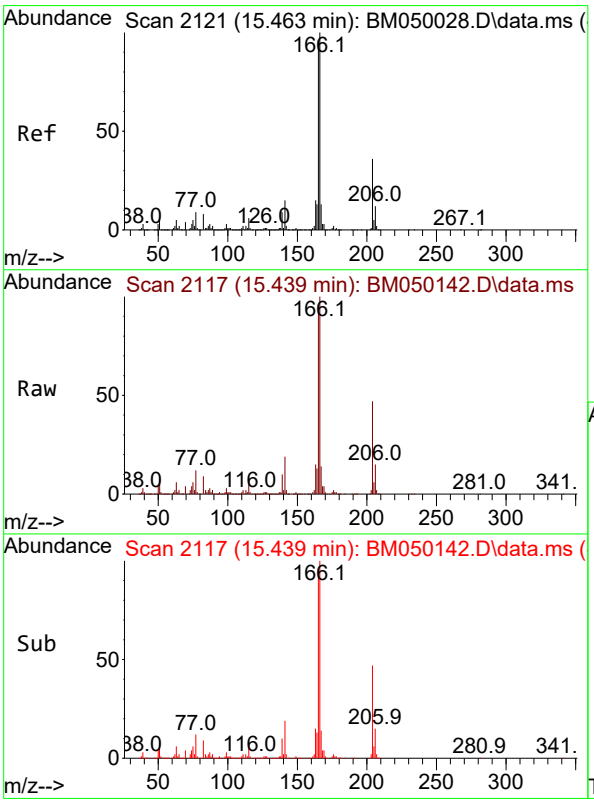
#57
2,4-Dinitrotoluene
Concen: 42.882 ng
RT: 14.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:165 Resp: 509344

Ion	Ratio	Lower	Upper
165	100		
63	40.4	29.0	43.6
89	61.7	49.4	74.2
182	2.7	2.2	3.2

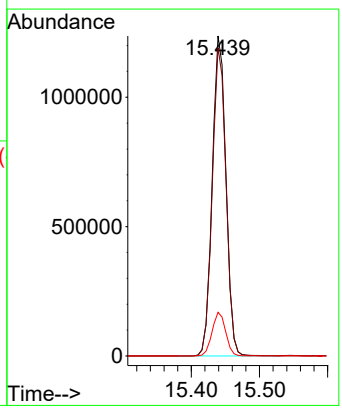


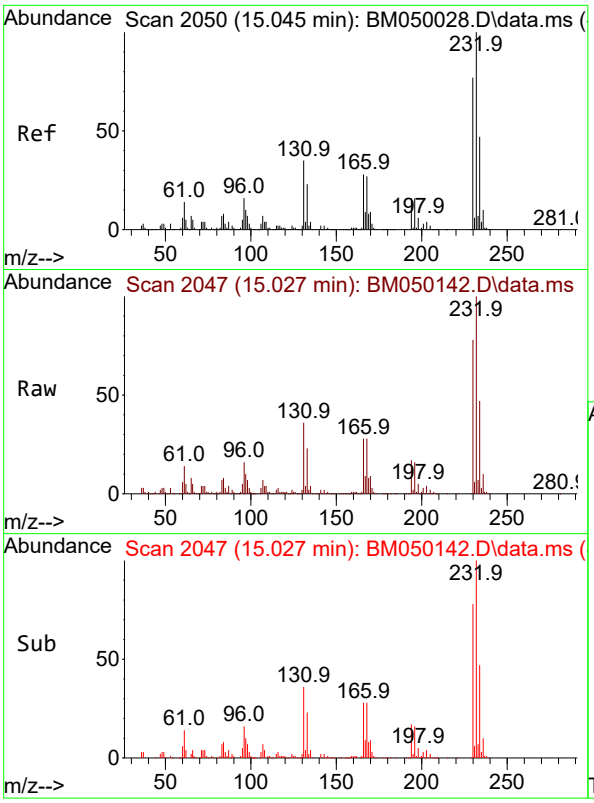


#58
Fluorene
Concen: 41.605 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:166 Resp: 1729486

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	13.7	10.6	16.0



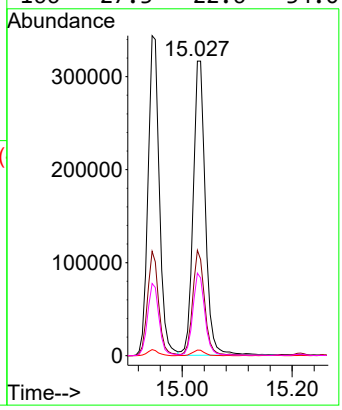


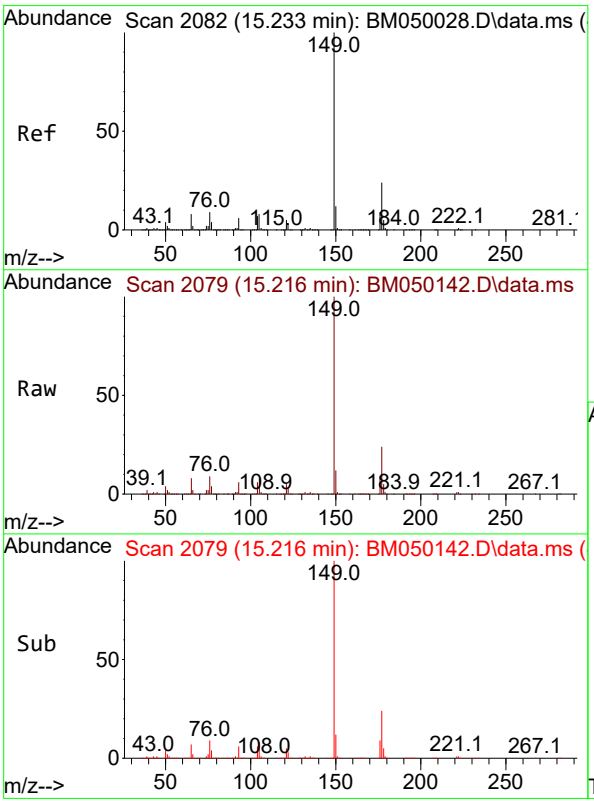
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.860 ng
RT: 15.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:232 Resp: 487372

Ion	Ratio	Lower	Upper
232	100		
131	34.8	28.2	42.4
130	1.9	1.5	2.3
166	27.3	22.6	34.0

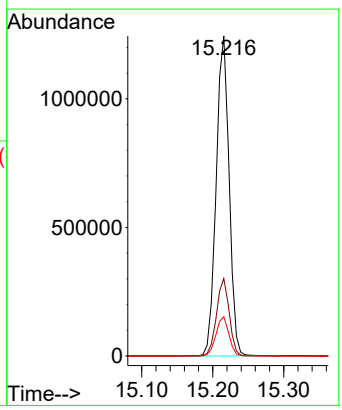


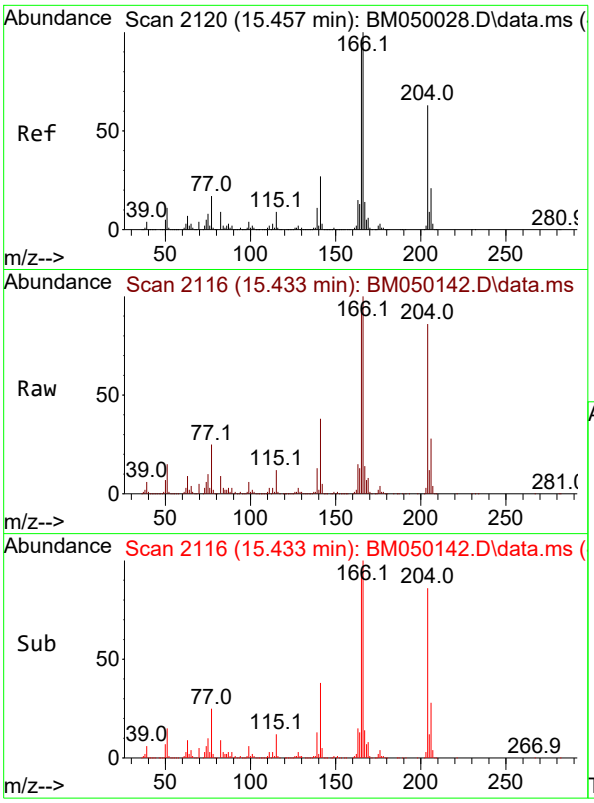


#60
Diethylphthalate
Concen: 40.024 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1565730

Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	12.2	9.6	14.4



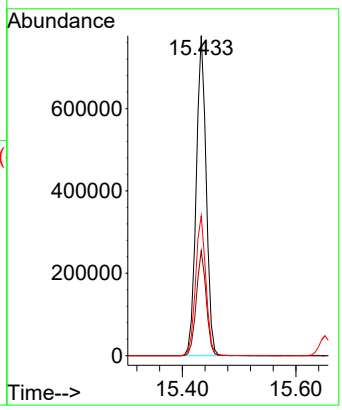


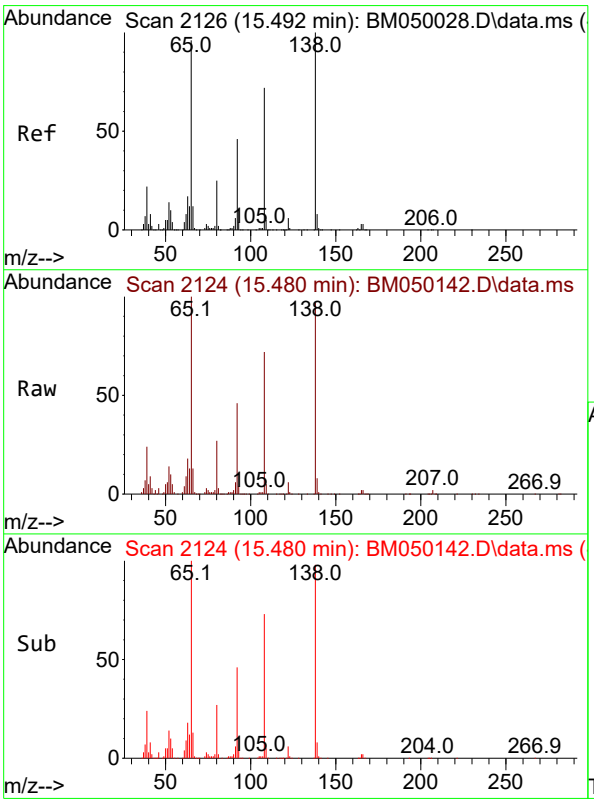
#61
4-Chlorophenyl-phenylether
Concen: 41.722 ng
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:204 Resp: 952609

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	43.7	34.0	51.0

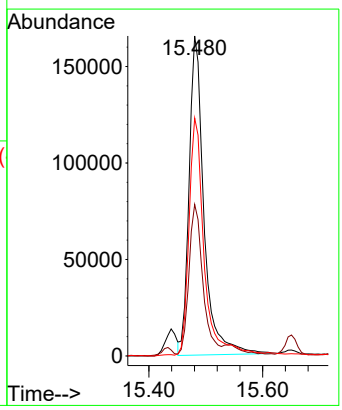


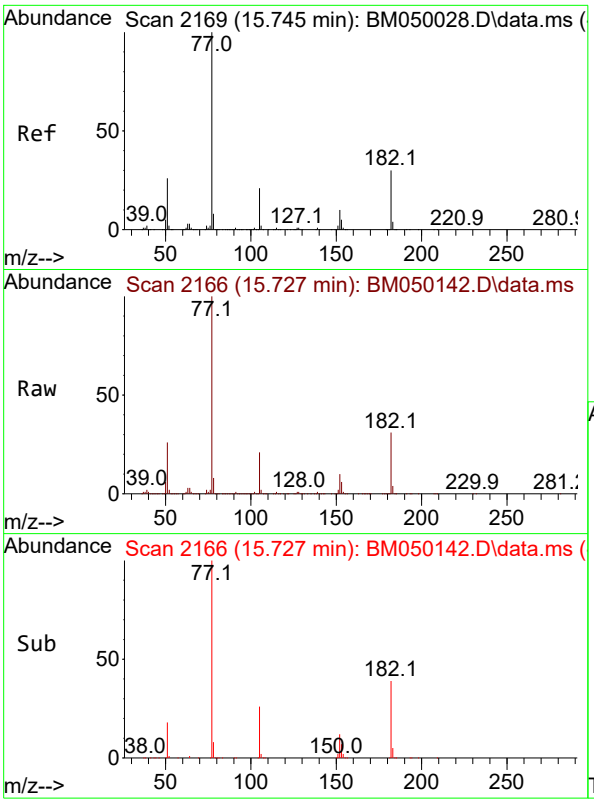


#62
4-Nitroaniline
Concen: 37.978 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:138 Resp: 300705

Ion	Ratio	Lower	Upper
138	100		
92	47.4	25.9	65.9
108	74.4	52.4	92.4



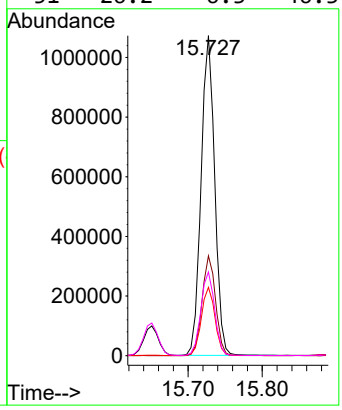


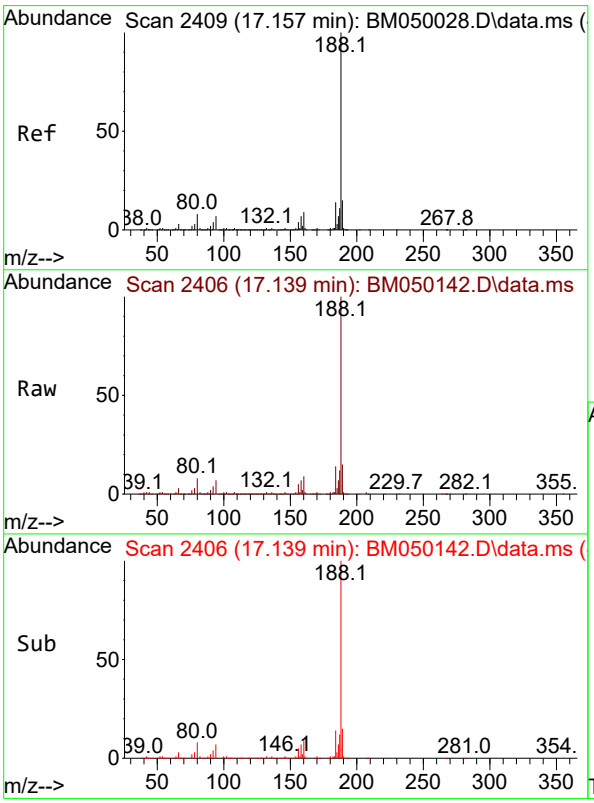
#63
Azobenzene
Concen: 41.712 ng
RT: 15.727 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion: 77 Resp: 1367543

Ion	Ratio	Lower	Upper
77	100		
182	31.2	10.5	50.5
105	21.4	1.1	41.1
51	26.2	6.3	46.3

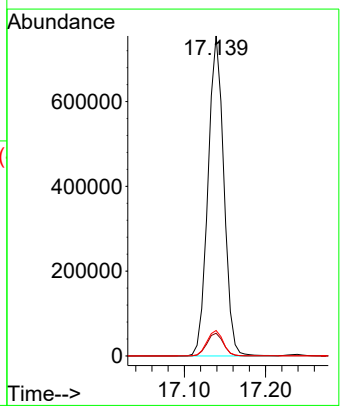


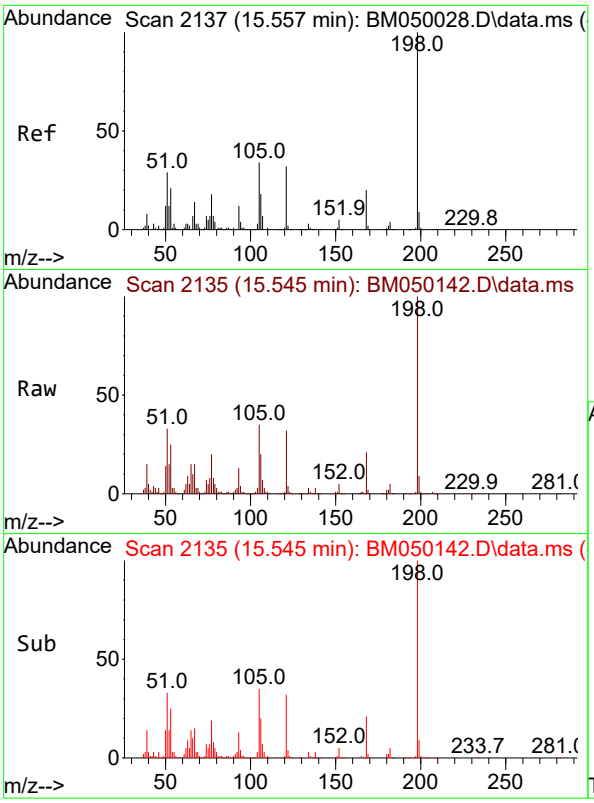


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:188 Resp: 1021174

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.0	6.2	9.4



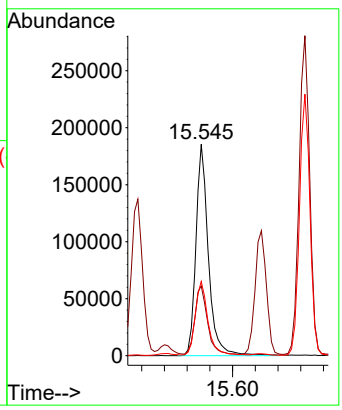


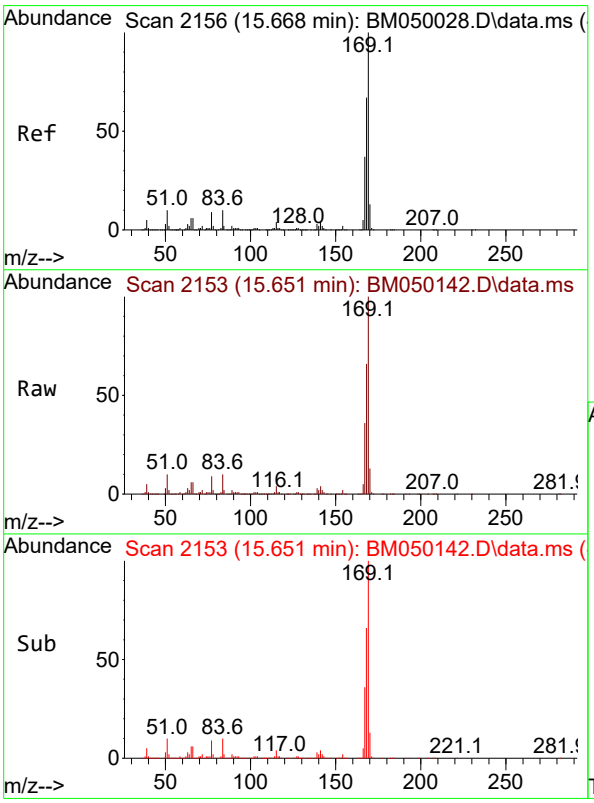
#65
4,6-Dinitro-2-methylphenol
Concen: 44.519 ng
RT: 15.545 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:198 Resp: 284575

Ion	Ratio	Lower	Upper
198	100		
51	33.0	10.4	50.4
105	35.1	14.6	54.6

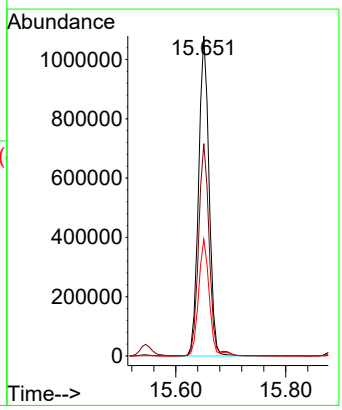


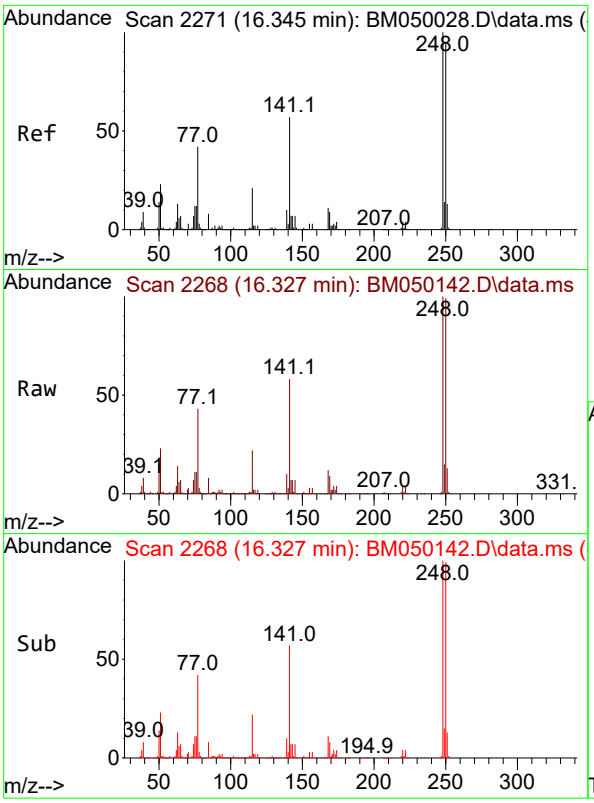


#66
n-Nitrosodiphenylamine
Concen: 45.517 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:169 Resp: 1427311

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.4	80.2
167	36.4	29.4	44.0



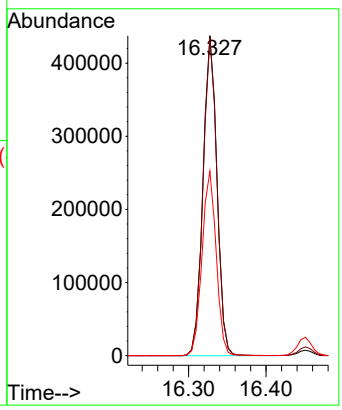


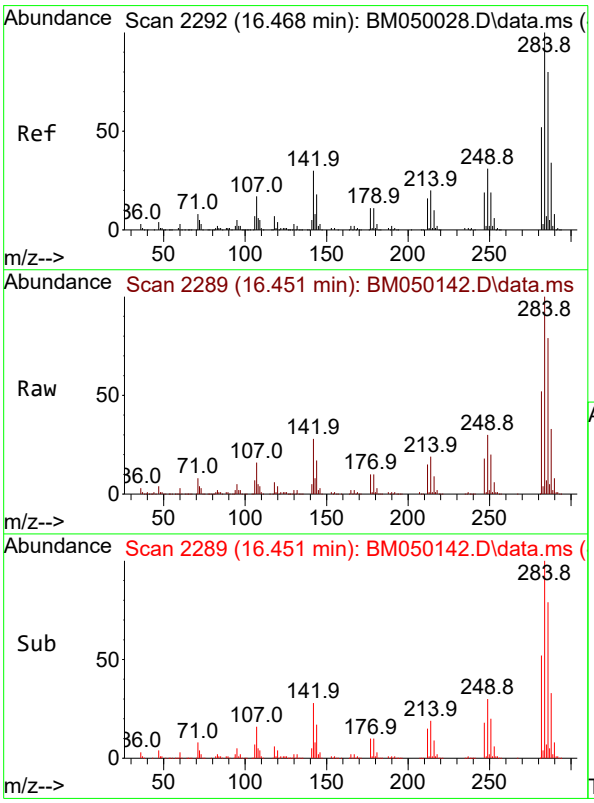
#67
4-Bromophenyl-phenylether
Concen: 44.332 ng
RT: 16.327 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:248 Resp: 547445

Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.2	114.2
141	57.6	45.9	68.9

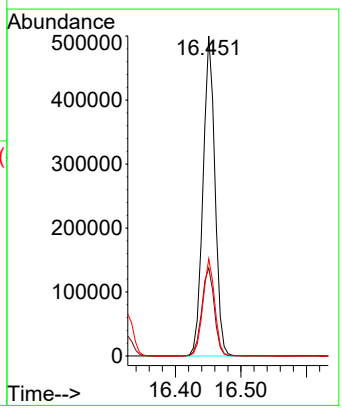


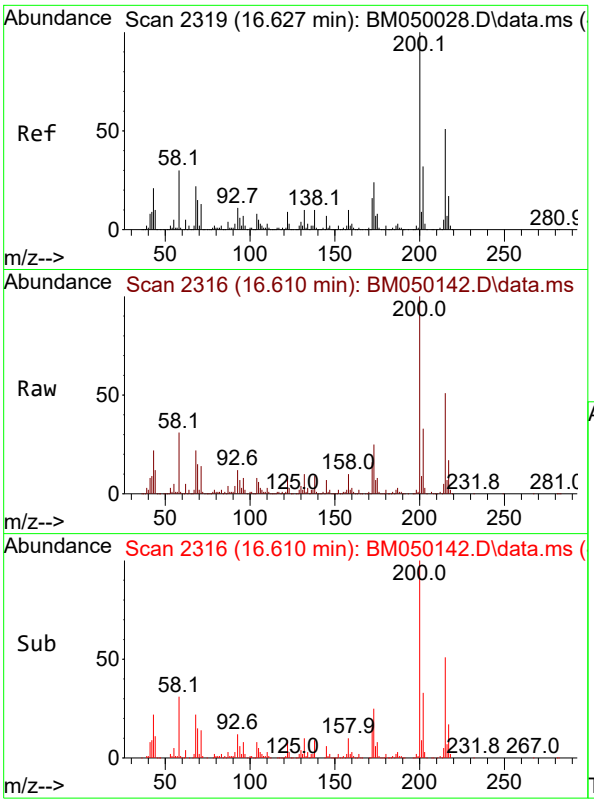


#68
Hexachlorobenzene
Concen: 44.477 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:284 Resp: 633103

Ion	Ratio	Lower	Upper
284	100		
142	27.5	23.9	35.9
249	30.4	24.5	36.7



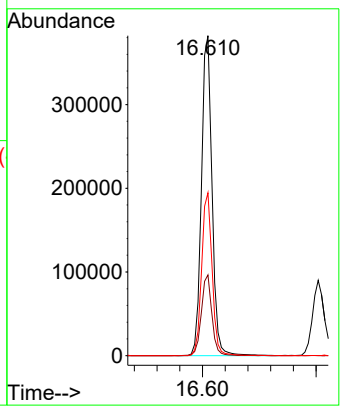


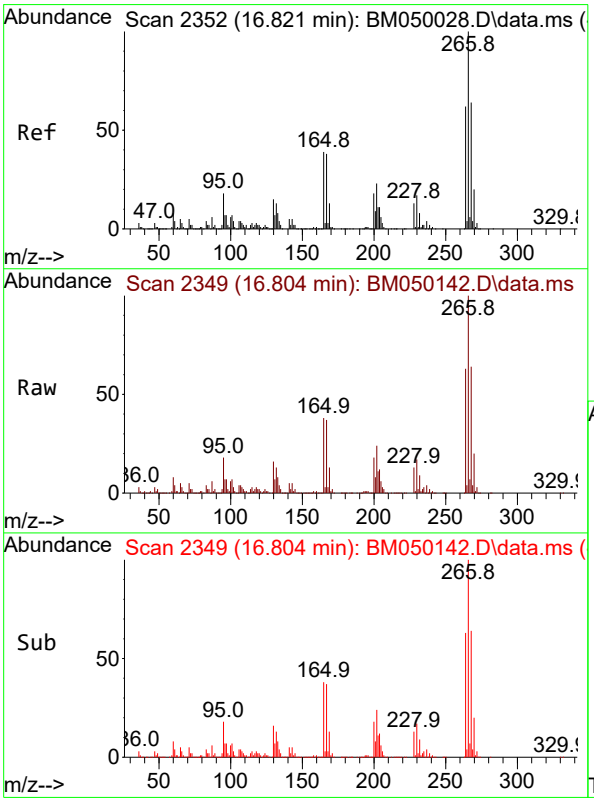
#69
Atrazine
Concen: 43.652 ng
RT: 16.610 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:200 Resp: 493748

Ion	Ratio	Lower	Upper
200	100		
173	25.2	4.3	44.3
215	50.9	30.6	70.6

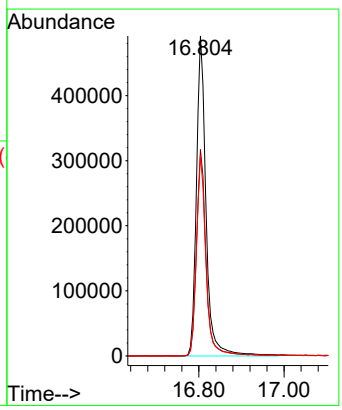


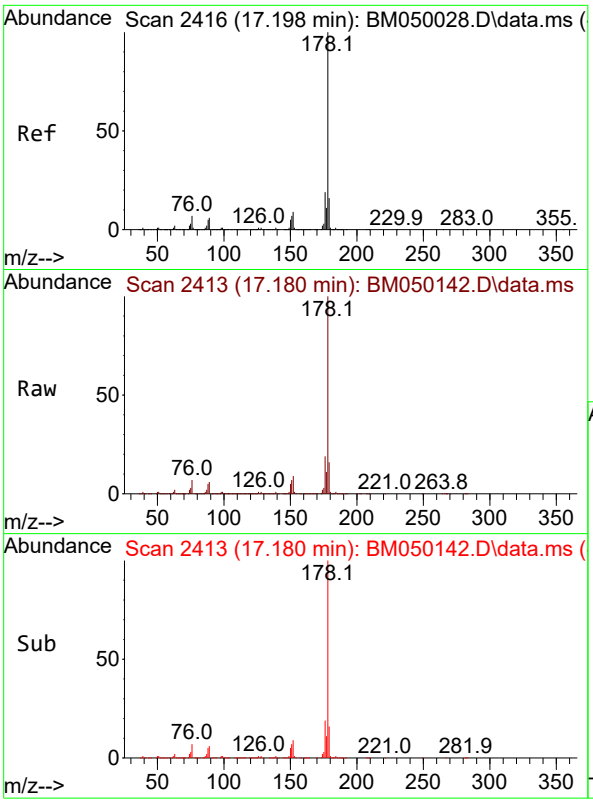


#70
Pentachlorophenol
Concen: 95.939 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:266 Resp: 768709

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.2	76.8
264	62.8	49.6	74.4



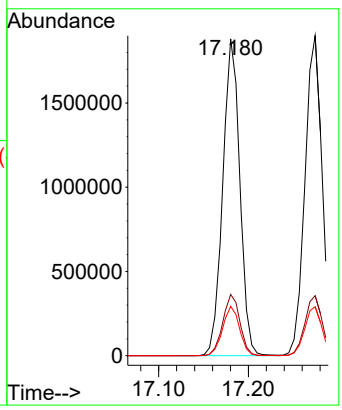


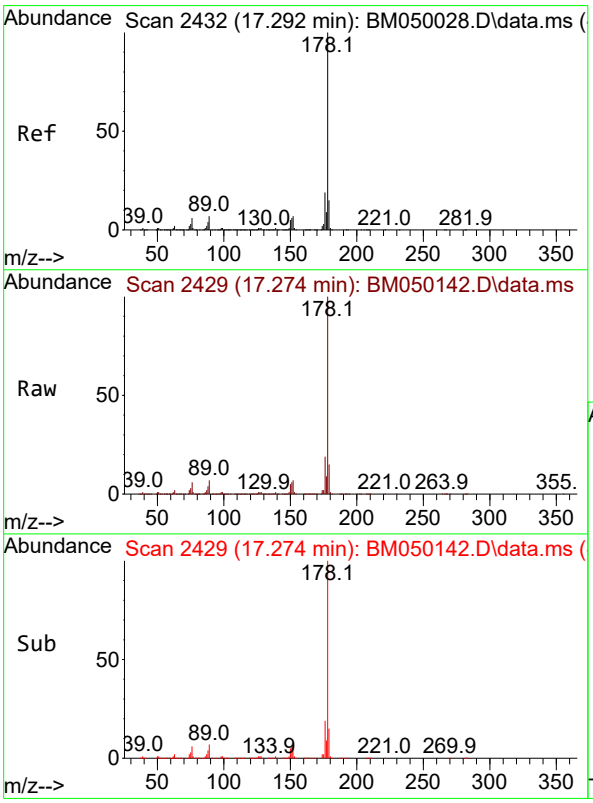
#71
Phenanthrene
Concen: 43.156 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:178 Resp: 2485581

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.6	12.4	18.6

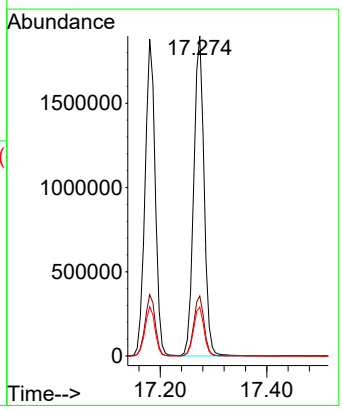


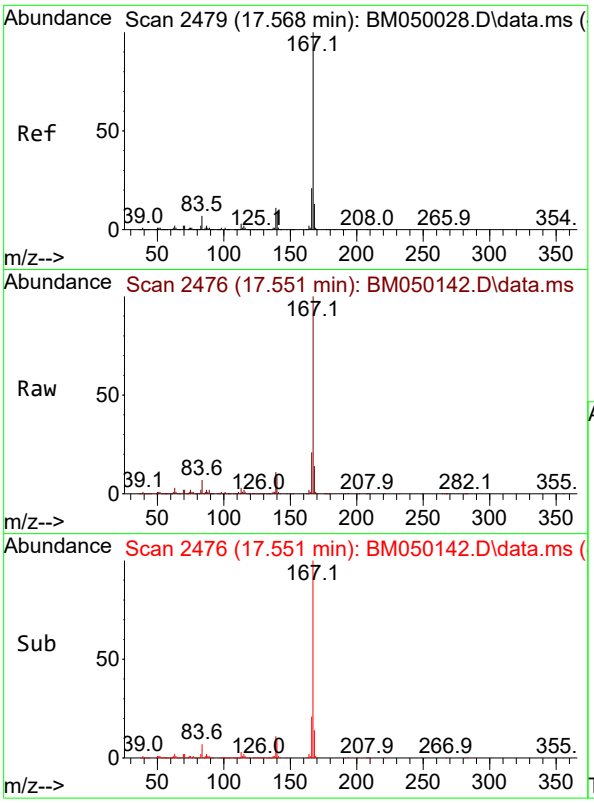


#72
Anthracene
Concen: 43.905 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:178 Resp: 2559025

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.2	18.4



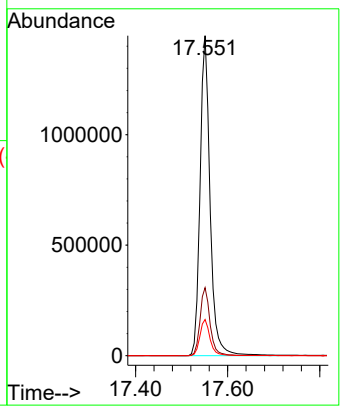


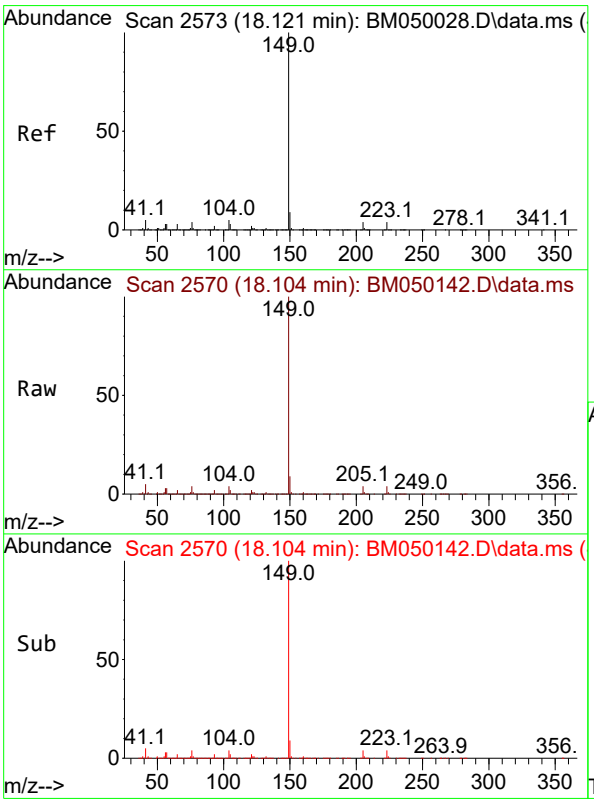
#73
Carbazole
Concen: 43.271 ng
RT: 17.551 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:167 Resp: 2188535

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	11.3	9.0	13.6

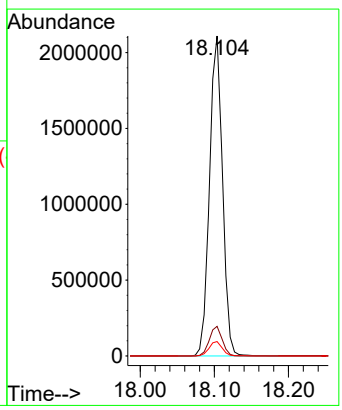


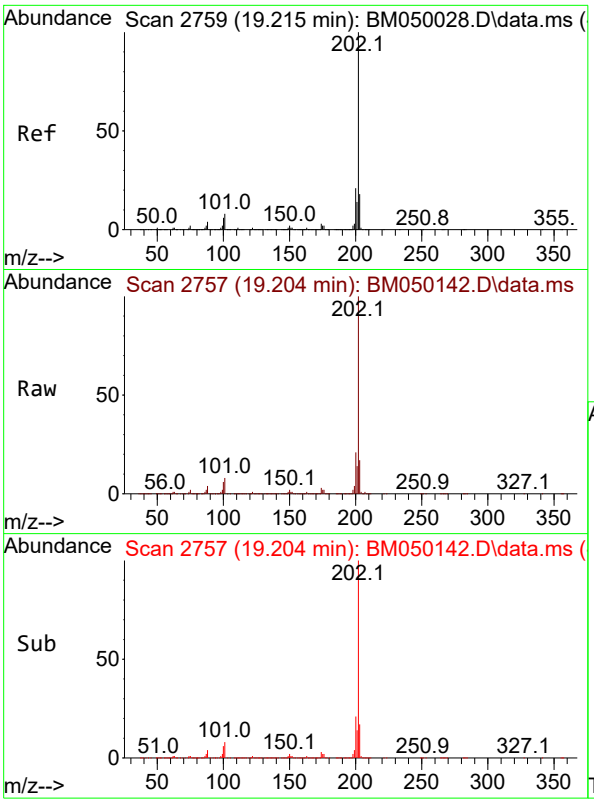


#74
Di-n-butylphthalate
Concen: 42.636 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 2568048

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.5	3.8	5.6



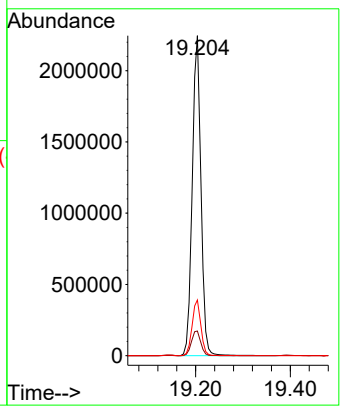


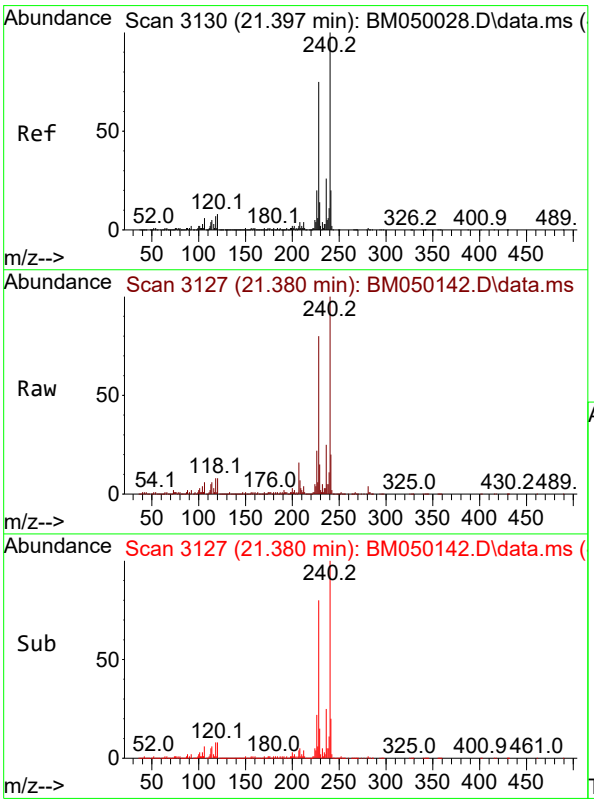
#75
Fluoranthene
Concen: 42.375 ng
RT: 19.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:202 Resp: 2865387

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.0
203	17.4	0.0	37.7

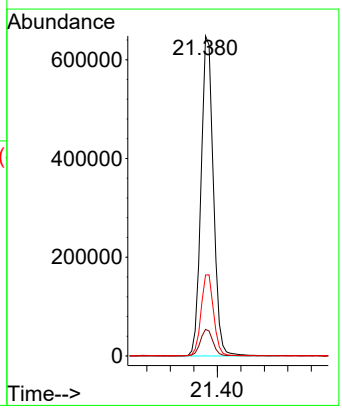


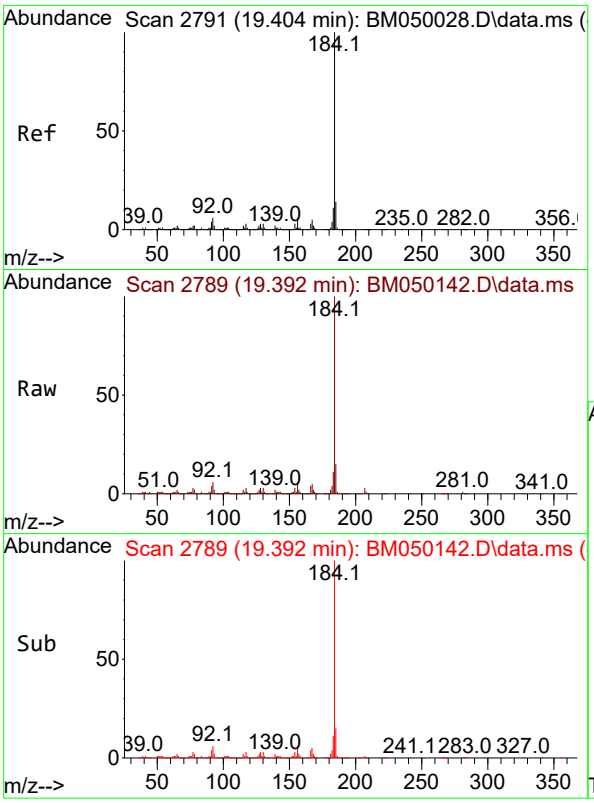


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:240 Resp: 945959

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	25.3	20.9	31.3



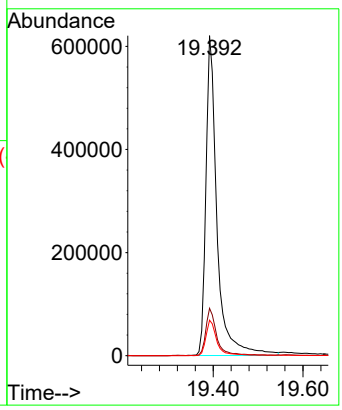


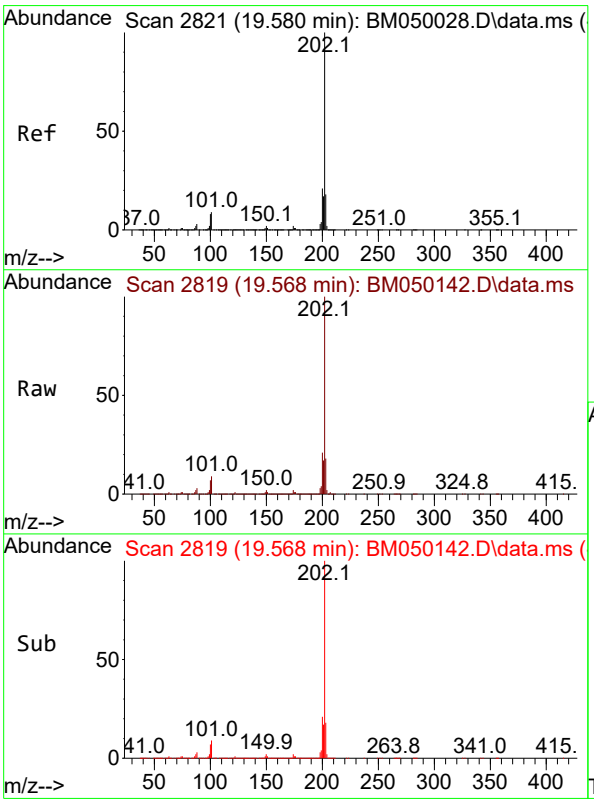
#77
Benzidine
Concen: 31.741 ng
RT: 19.392 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:184 Resp: 1066546

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	11.1	8.9	13.3

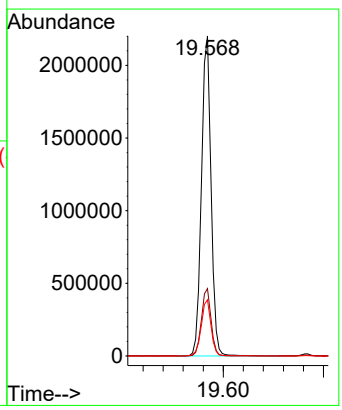


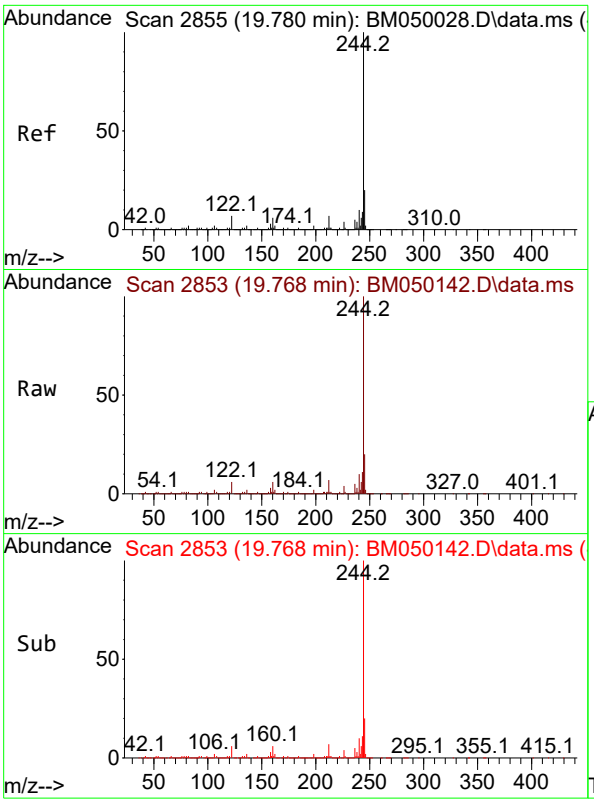


#78
Pyrene
Concen: 44.046 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:202 Resp: 2925918

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.5	14.1	21.1



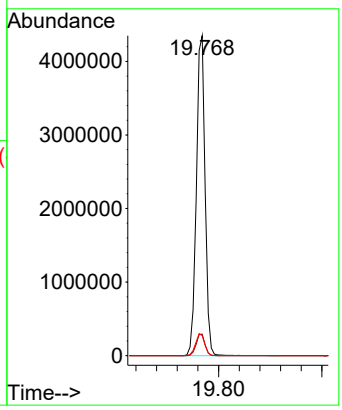


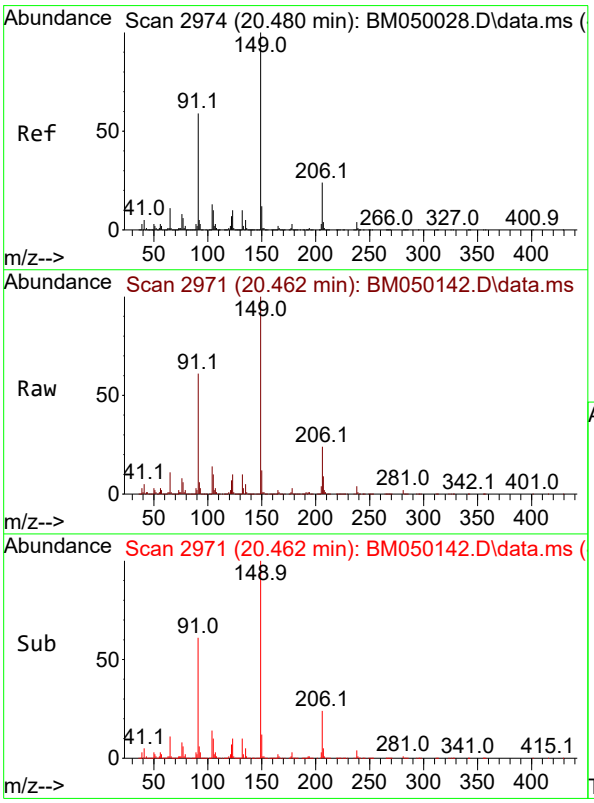
#79
Terphenyl-d14
Concen: 79.216 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:244 Resp: 5064085

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	6.3	5.6	8.4

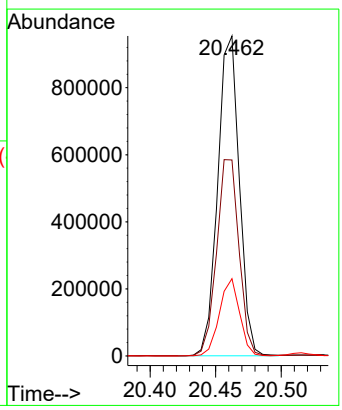


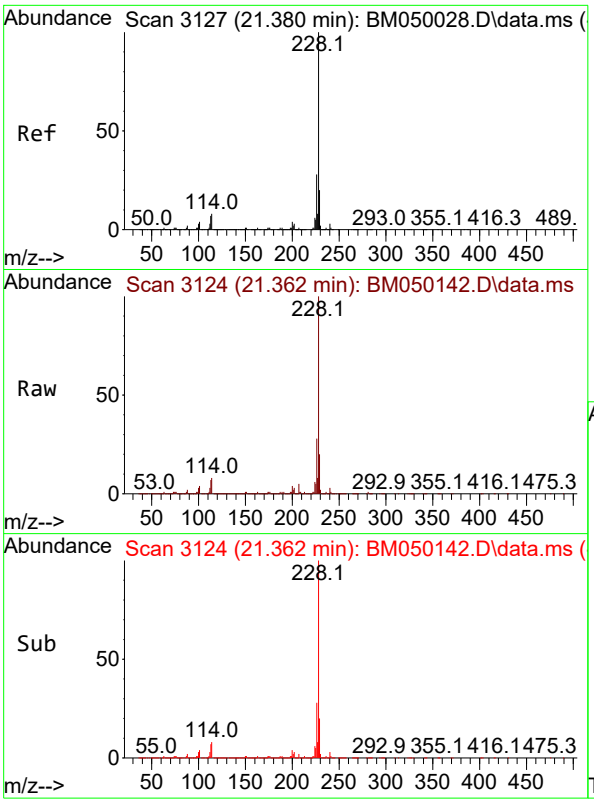


#80
Butylbenzylphthalate
Concen: 43.828 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1090426

Ion	Ratio	Lower	Upper
149	100		
91	61.3	47.4	71.2
206	24.1	19.4	29.0



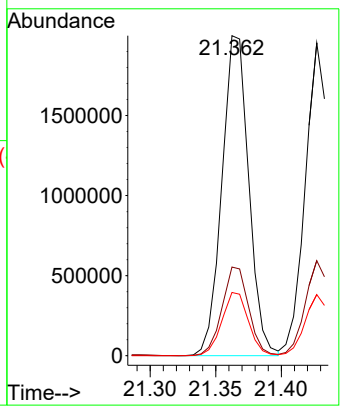


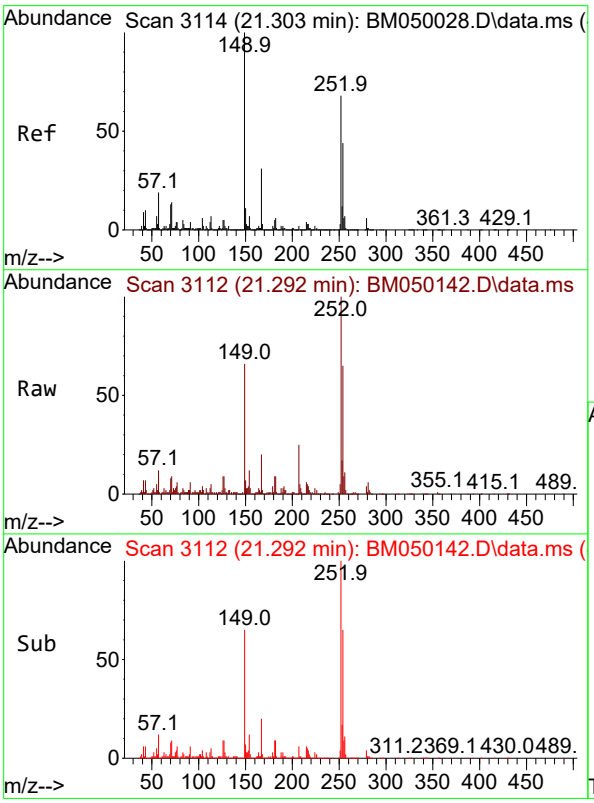
#81
Benzo(a)anthracene
Concen: 43.751 ng
RT: 21.362 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:228 Resp: 2849979

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.8	15.7	23.5

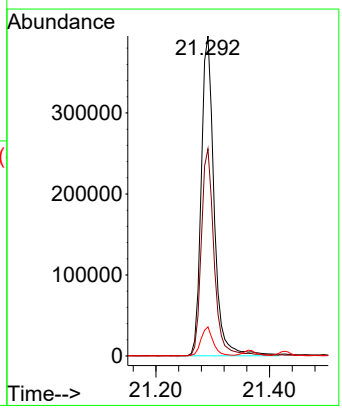


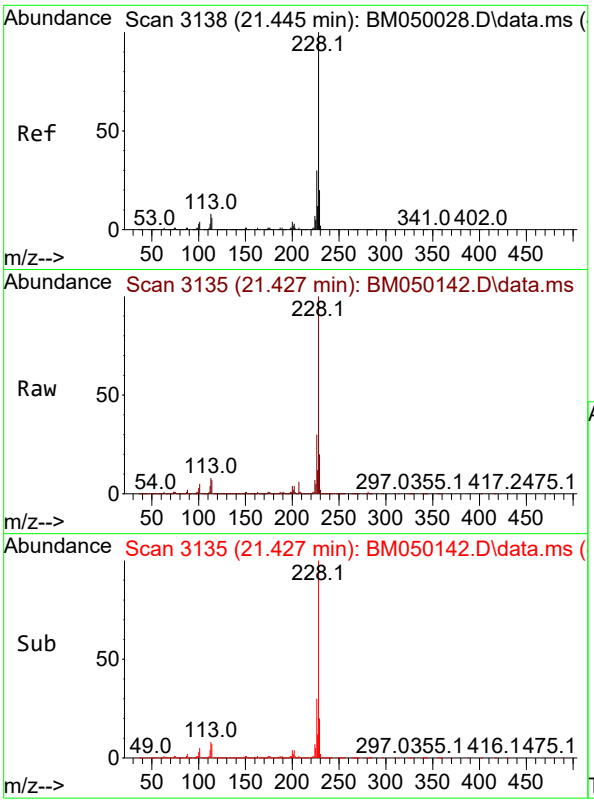


#82
3,3'-Dichlorobenzidine
Concen: 24.877 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 620352

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	9.1	6.0	9.0#



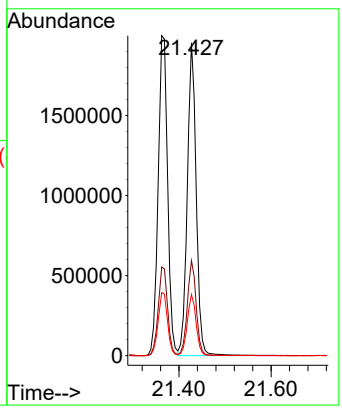


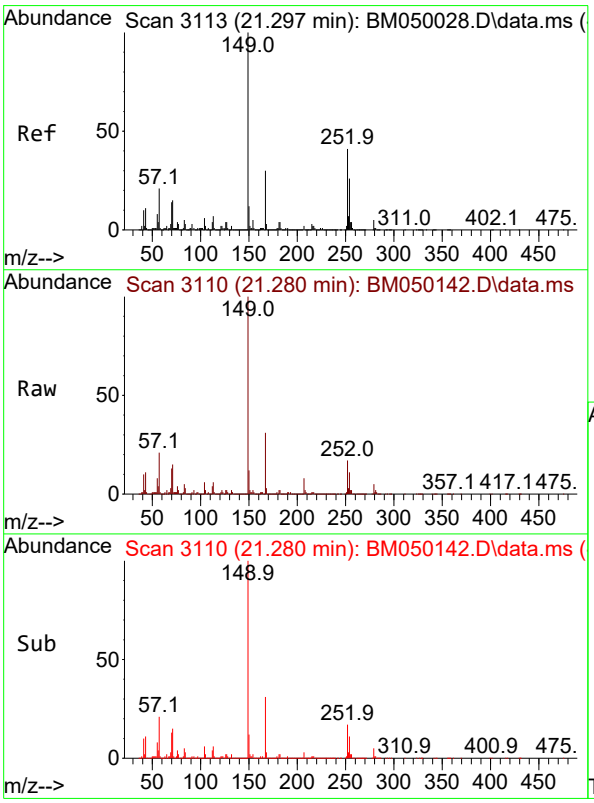
#83
Chrysene
Concen: 43.198 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:228 Resp: 2604413

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.6	15.7	23.5

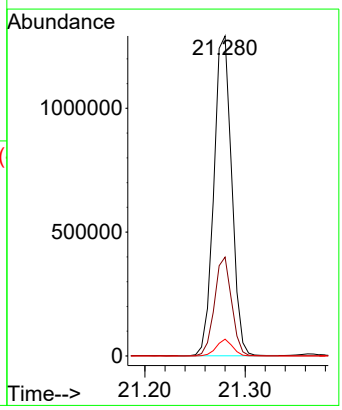


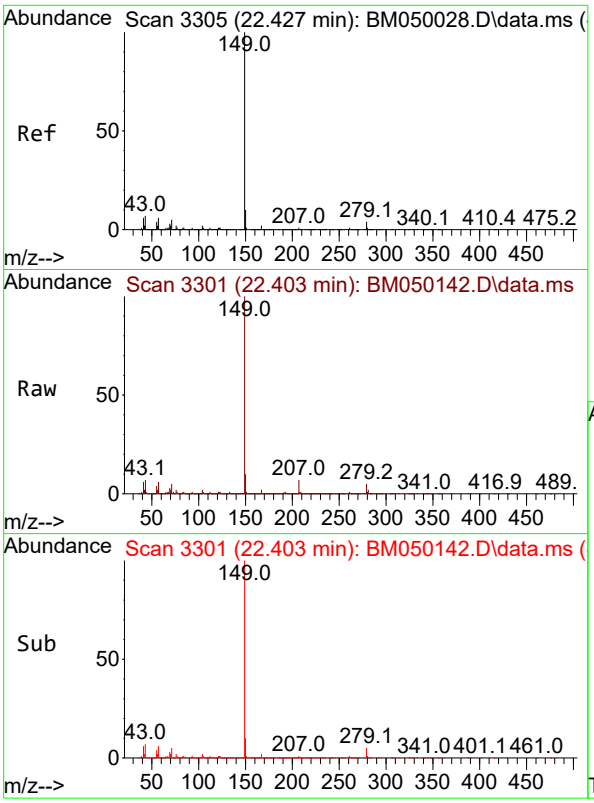


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.798 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:149 Resp: 1590468

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.1	36.1
279	5.2	3.9	5.9



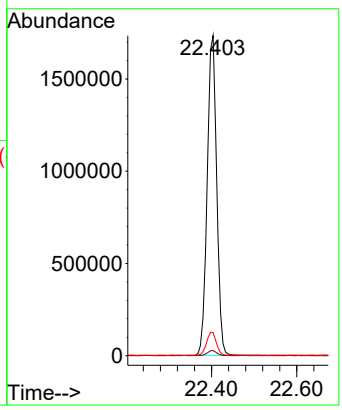


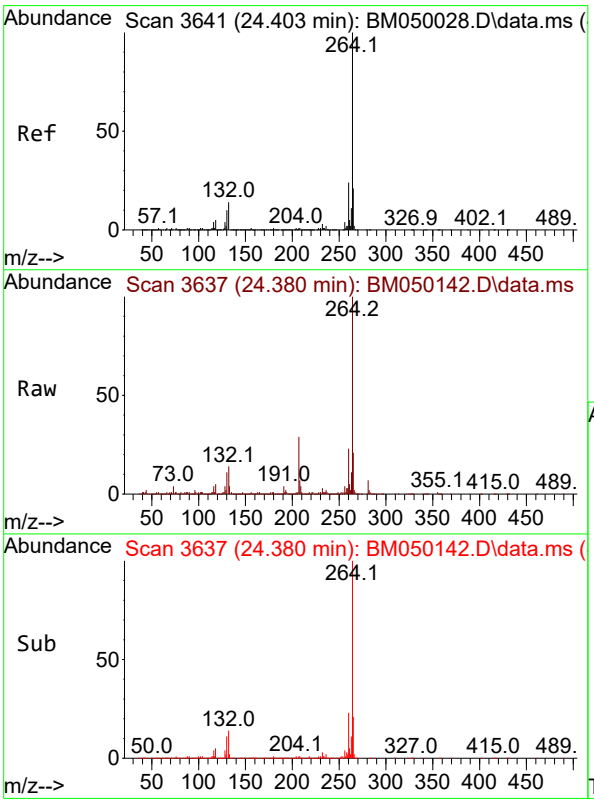
#85
Di-n-octyl phthalate
Concen: 43.660 ng
RT: 22.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:149 Resp: 2675728

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	5.8	8.8

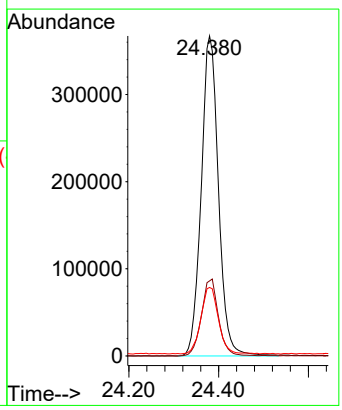


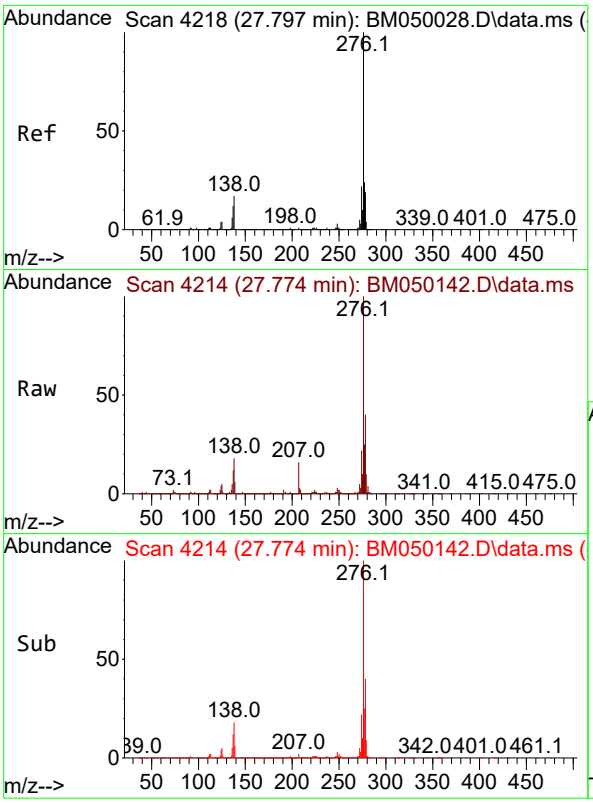


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:264 Resp: 977986

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.4	17.0	25.4



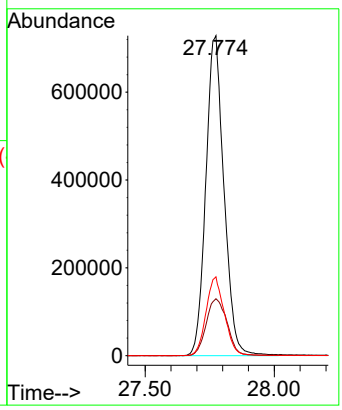


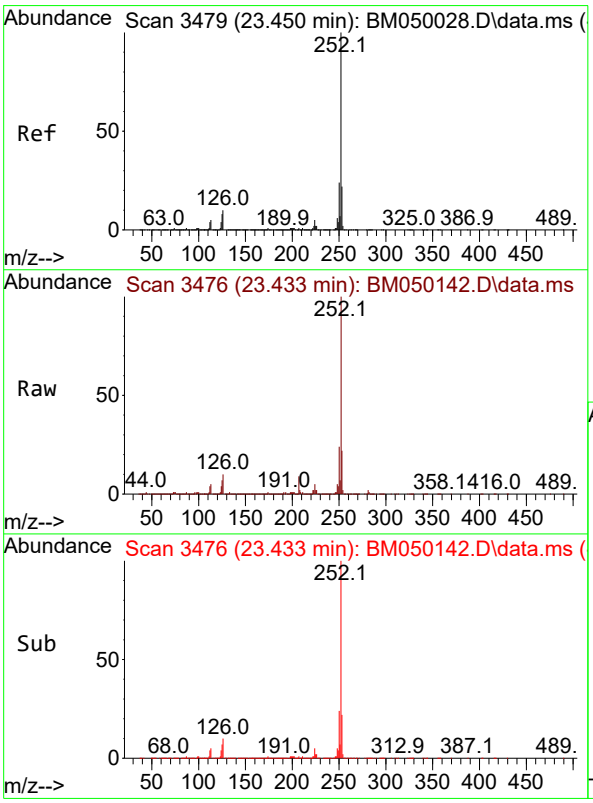
#87
Indeno(1,2,3-cd)pyrene
Concen: 48.729 ng
RT: 27.774 min Scan# 4
Delta R.T. 0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:276 Resp: 3550952

Ion	Ratio	Lower	Upper
276	100		
138	20.5	16.4	24.6
277	25.0	19.8	29.8

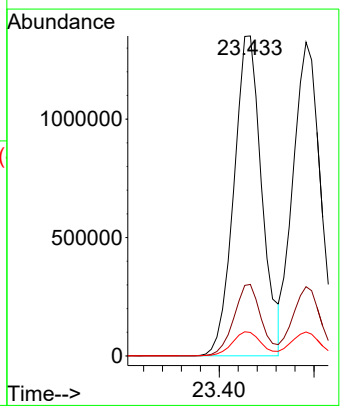


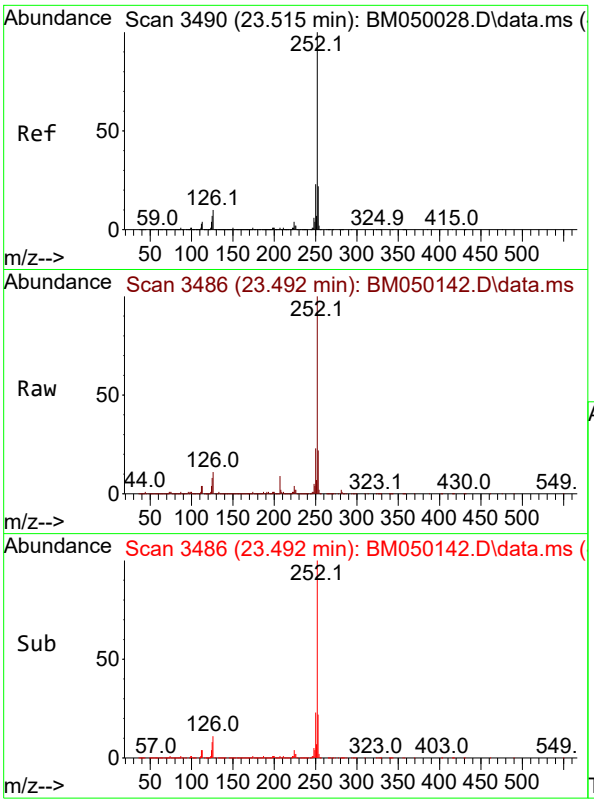


#88
Benzo(b)fluoranthene
Concen: 43.537 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 2769019

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.4	6.1	9.1



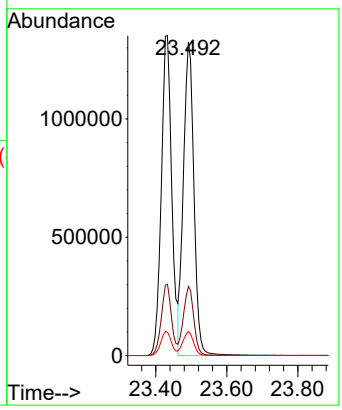


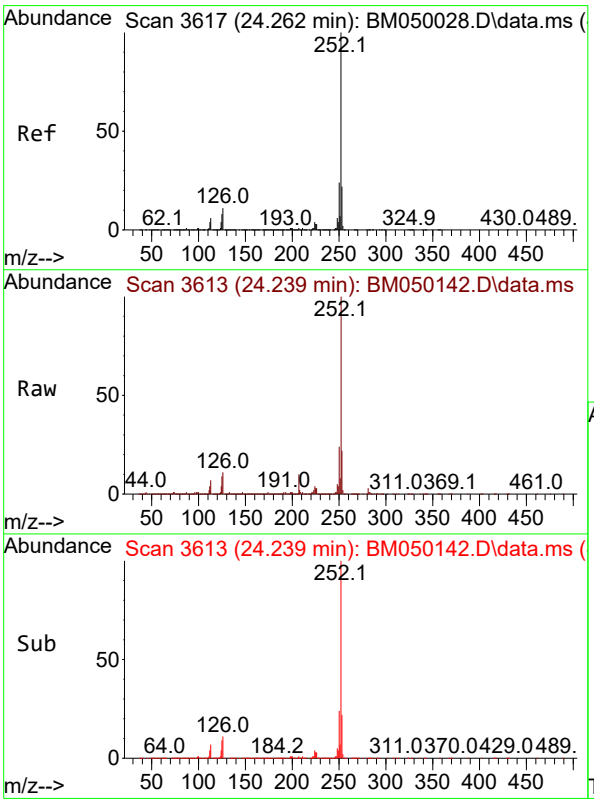
#89
Benzo(k)fluoranthene
Concen: 42.013 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:252 Resp: 2702901

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	7.7	5.8	8.8

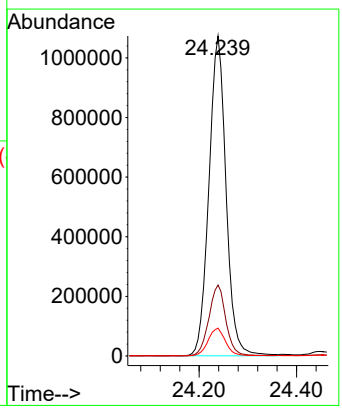


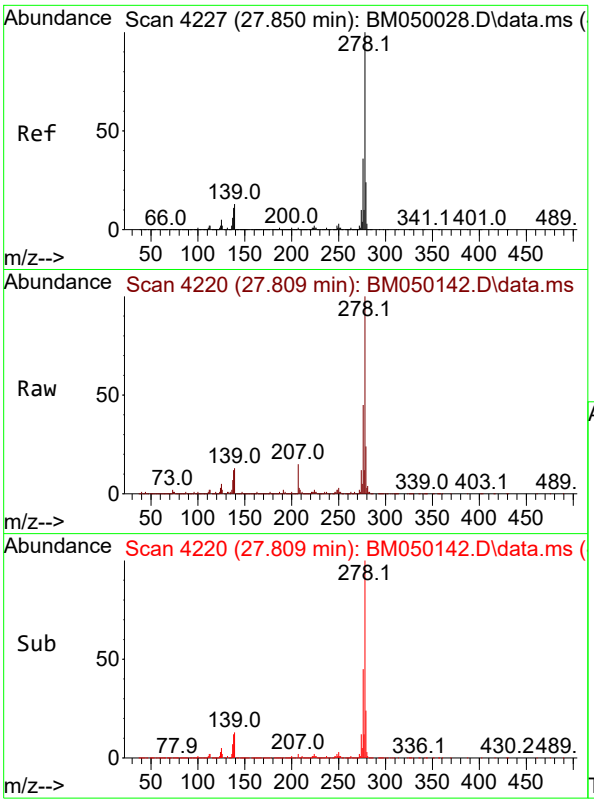


#90
Benzo(a)pyrene
Concen: 43.862 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:252 Resp: 2612810

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	8.7	6.6	9.8



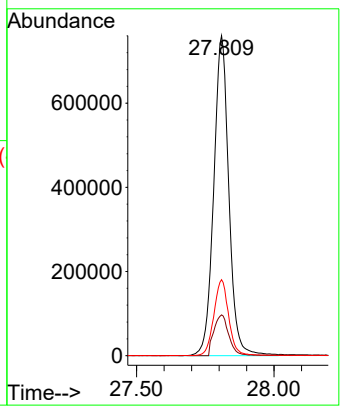


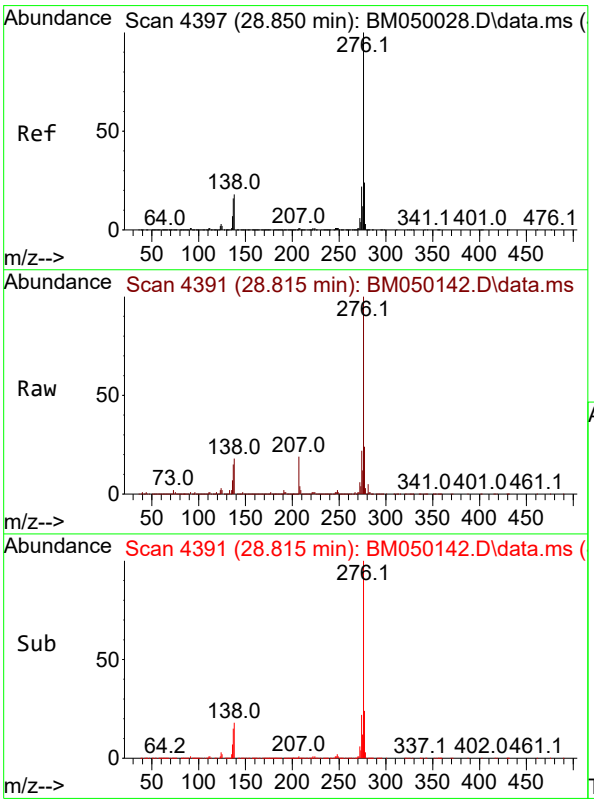
#91
Dibenzo(a,h)anthracene
Concen: 48.956 ng
RT: 27.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Instrument :
BNA_M
ClientSampleId :
PB167889BS

Tgt Ion:278 Resp: 2908155

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.5	15.7
279	23.8	19.4	29.0

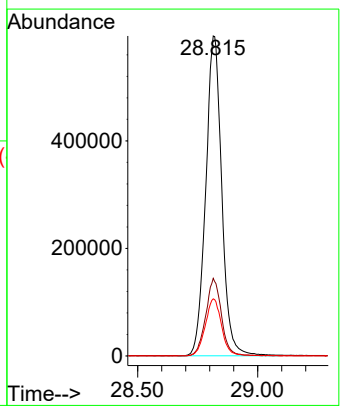




#92
Benzo(g,h,i)perylene
Concen: 48.474 ng
RT: 28.815 min Scan# 4391
Delta R.T. -0.012 min
Lab File: BM050142.D
Acq: 08 May 2025 12:00

Tgt Ion:276 Resp: 2756751

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	17.9	14.3	21.5



Raw Data: **BM050143.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BSD	SDG No.:	Q1956
Lab Sample ID:	PB167889BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	23.2		3.90	10.0	ug/L
108-95-2	Phenol	43.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	43.7		0.58	5.00	ug/L
95-48-7	2-Methylphenol	42.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.6		1.30	5.00	ug/L
98-86-2	Acetophenone	42.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	42.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	41.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.5		0.76	5.00	ug/L
78-59-1	Isophorone	40.9		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	45.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.0		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.5		0.52	5.00	ug/L
91-20-3	Naphthalene	42.4		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	16.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.7		0.54	5.00	ug/L
105-60-2	Caprolactam	37.8		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	41.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.1		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	98.8	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.6		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	45.8		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	44.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	45.7		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	42.1		0.61	5.00	ug/L

Raw Data: **BM050143.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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BSD	SDG No.:	Q1956
Lab Sample ID:	PB167889BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	43.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.9		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	23.6		1.10	5.00	ug/L
83-32-9	Acenaphthene	43.4		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	81.0	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	75.5		2.40	10.0	ug/L
132-64-9	Dibenzofuran	42.6		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.4		1.20	5.00	ug/L
84-66-2	Diethylphthalate	40.7		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.7		0.68	5.00	ug/L
86-73-7	Fluorene	42.4		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	37.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	44.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	97.1	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	44.0		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	43.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	42.5		0.82	5.00	ug/L
129-00-0	Pyrene	46.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	45.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	25.0		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.0		0.45	5.00	ug/L
218-01-9	Chrysene	44.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	44.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	44.1		0.49	5.00	ug/L

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:	Bergen Point Fueling System	Date Received:	
Client Sample ID:	PB167889BSD	SDG No.:	Q1956
Lab Sample ID:	PB167889BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	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 :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050143.D	1	05/07/25 08:53	05/08/25 12:39	PB167889

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	43.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	50.4		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.6		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.9		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	134		10 - 139	89%	SPK: 150
13127-88-3	Phenol-d6	129		10 - 134	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		49 - 133	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		48 - 125	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	264000	7.74			
1146-65-2	Naphthalene-d8	911000	10.534			
15067-26-2	Acenaphthene-d10	549000	14.392			
1517-22-2	Phenanthrene-d10	983000	17.139			
1719-03-5	Chrysene-d12	868000	21.386			
1520-96-3	Perylene-d12	894000	24.38			

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

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

Sample Results: **BM050143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	264346	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	911076	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	548910	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	982803	20.000	ng		0.00
76) Chrysene-d12	21.386	240	868474	20.000	ng		0.00
86) Perylene-d12	24.380	264	893841	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	2021970	133.939	ng		0.00
7) Phenol-d6	6.934	99	2452721	129.267	ng		0.00
23) Nitrobenzene-d5	8.904	82	1448557	78.347	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	1063477	131.029	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	3723241	80.242	ng		0.00
79) Terphenyl-d14	19.768	244	5036934	85.821	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	230236	35.570	ng		99
3) Pyridine	3.634	79	631457	37.969	ng		97
4) n-Nitrosodimethylamine	3.546	42	272864	41.833	ng		99
6) Aniline	7.075	93	646417	26.980	ng		98
8) 2-Chlorophenol	7.316	128	713271	43.699	ng		99
9) Benzaldehyde	6.887	77	294210	23.171	ng		99
10) Phenol	6.957	94	838666	43.662	ng		99
11) bis(2-Chloroethyl)ether	7.169	93	669133	41.719	ng		99
12) 1,3-Dichlorobenzene	7.628	146	816752	41.424	ng		100
13) 1,4-Dichlorobenzene	7.775	146	821437	41.470	ng		99
14) 1,2-Dichlorobenzene	8.093	146	788459	41.208	ng		99
15) Benzyl Alcohol	7.993	79	559284	42.504	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.263	45	810918	41.593	ng		99
17) 2-Methylphenol	8.204	107	540207	42.691	ng		99
18) Hexachloroethane	8.816	117	293460	41.677	ng		99
19) n-Nitroso-di-n-propyla...	8.551	70	488851	40.172	ng		100
20) 3+4-Methylphenols	8.534	107	717828	42.007	ng		98
22) Acetophenone	8.569	105	969487	42.801	ng	#	98
24) Nitrobenzene	8.945	77	695574	43.509	ng		98
25) Isophorone	9.475	82	1290030	40.932	ng		99
26) 2-Nitrophenol	9.657	139	367311	44.974	ng		98
27) 2,4-Dimethylphenol	9.728	122	595475	43.965	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	817207	41.952	ng		99
29) 2,4-Dichlorophenol	10.210	162	674561	44.457	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	792832	42.886	ng		99
31) Naphthalene	10.587	128	1954746	42.366	ng		100
32) Benzoic acid	9.910	122	394151m	45.501	ng		
33) 4-Chloroaniline	10.716	127	306640	16.214	ng		98
34) Hexachlorobutadiene	10.869	225	513285	43.740	ng		99
35) Caprolactam	11.510	113	167178	37.787	ng		96
36) 4-Chloro-3-methylphenol	11.857	107	576231	41.105	ng		99
37) 2-Methylnaphthalene	12.204	142	1271852	41.115	ng		100
38) 1-Methylnaphthalene	12.422	142	1327396	40.548	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	870924	45.834	ng		99
41) Hexachlorocyclopentadiene	12.551	237	1147740	98.838	ng		100
43) 2,4,6-Trichlorophenol	12.833	196	549841	45.622	ng		97

Sample Results: **BM050143.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	594889	45.773	ng	98
46) 1,1'-Biphenyl	13.216	154	1813471	44.444	ng	99
47) 2-Chloronaphthalene	13.263	162	1442235	44.629	ng	100
48) 2-Nitroaniline	13.480	65	346667	45.707	ng	99
49) Acenaphthylene	14.110	152	2217366	43.518	ng	100
50) Dimethylphthalate	13.851	163	1687386	42.064	ng	99
51) 2,6-Dinitrotoluene	13.975	165	364981	43.944	ng	99
52) Acenaphthene	14.451	154	1280948	43.432	ng	99
53) 3-Nitroaniline	14.316	138	187182	23.606	ng	98
54) 2,4-Dinitrophenol	14.533	184	430670	80.951	ng	98
55) Dibenzofuran	14.792	168	2092337	42.639	ng	99
56) 4-Nitrophenol	14.663	139	485201	75.484	ng	99
57) 2,4-Dinitrotoluene	14.775	165	497539	43.352	ng	97
58) Fluorene	15.439	166	1702697	42.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	482259	42.868	ng	99
60) Diethylphthalate	15.216	149	1537382	40.672	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	942516	42.723	ng	99
62) 4-Nitroaniline	15.480	138	285268	37.288	ng	97
63) Azobenzene	15.727	77	1345417	42.471	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	279844	45.488	ng	97
66) n-Nitrosodiphenylamine	15.651	169	1392965	46.156	ng	100
67) 4-Bromophenyl-phenylether	16.327	248	542393	45.638	ng	98
68) Hexachlorobenzene	16.451	284	625015	45.623	ng	97
69) Atrazine	16.610	200	478867	43.989	ng	100
70) Pentachlorophenol	16.804	266	748706	97.091	ng	99
71) Phenanthrene	17.180	178	2456477	44.316	ng	100
72) Anthracene	17.274	178	2500364	44.573	ng	100
73) Carbazole	17.551	167	2142721	44.019	ng	99
74) Di-n-butylphthalate	18.104	149	2500884	43.142	ng	100
75) Fluoranthene	19.204	202	2767529	42.525	ng	100
77) Benzidine	19.392	184	926472	30.033	ng	99
78) Pyrene	19.568	202	2838617	46.545	ng	100
80) Butylbenzylphthalate	20.462	149	1034547	45.291	ng	97
81) Benzo(a)anthracene	21.368	228	2693046	45.030	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	571243	24.952	ng	99
83) Chrysene	21.427	228	2451903	44.297	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	1507874	44.196	ng	99
85) Di-n-octyl phthalate	22.403	149	2495544	44.353	ng	100
87) Indeno(1,2,3-cd)pyrene	27.768	276	3344168	50.211	ng	100
88) Benzo(b)fluoranthene	23.433	252	2565912	44.142	ng	100
89) Benzo(k)fluoranthene	23.492	252	2534162	43.098	ng	100
90) Benzo(a)pyrene	24.239	252	2428116	44.598	ng	99
91) Dibenzo(a,h)anthracene	27.809	278	2734690	50.370	ng	99
92) Benzo(g,h,i)perylene	28.821	276	2620801	50.422	ng	99

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

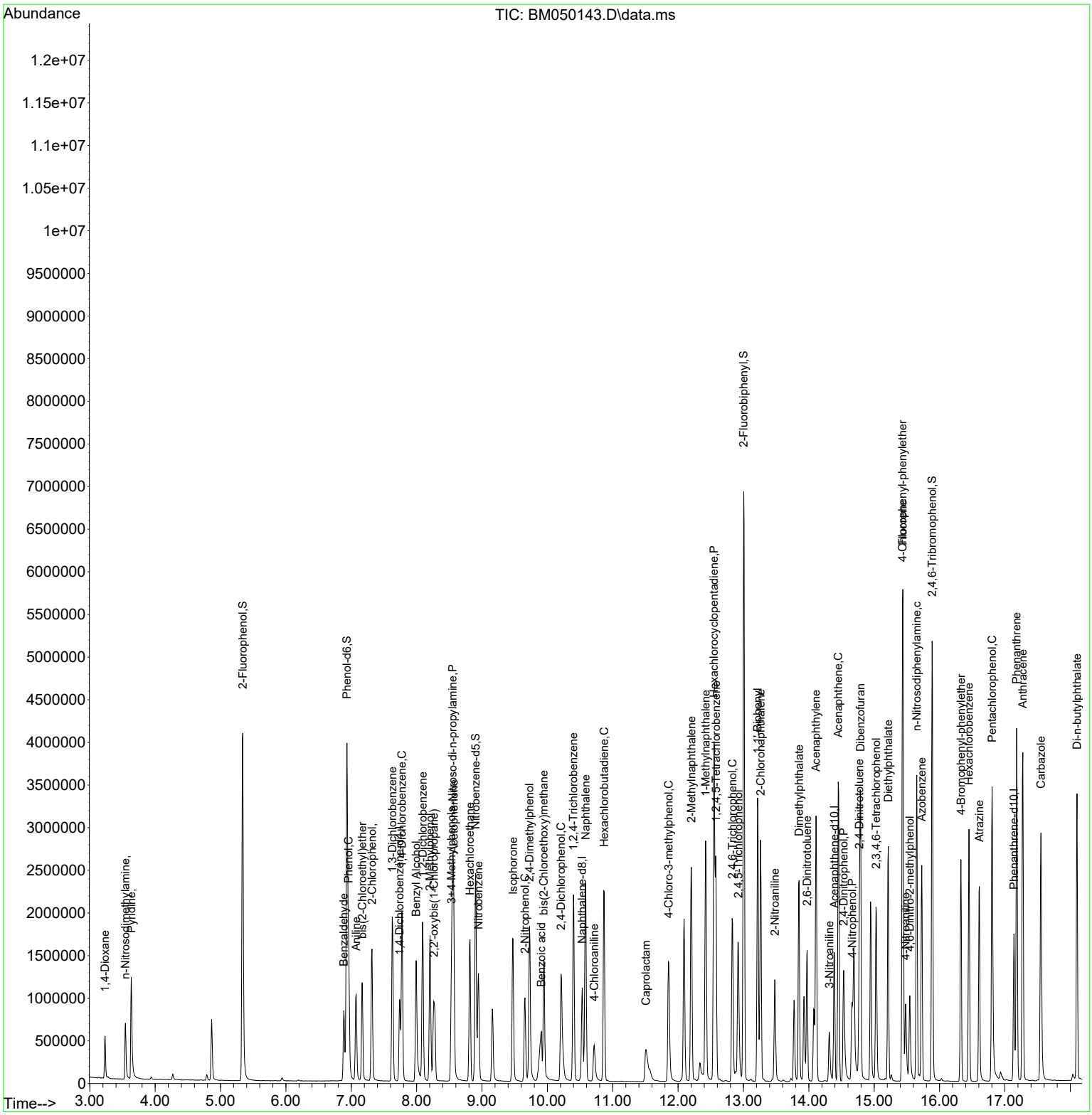
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Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025



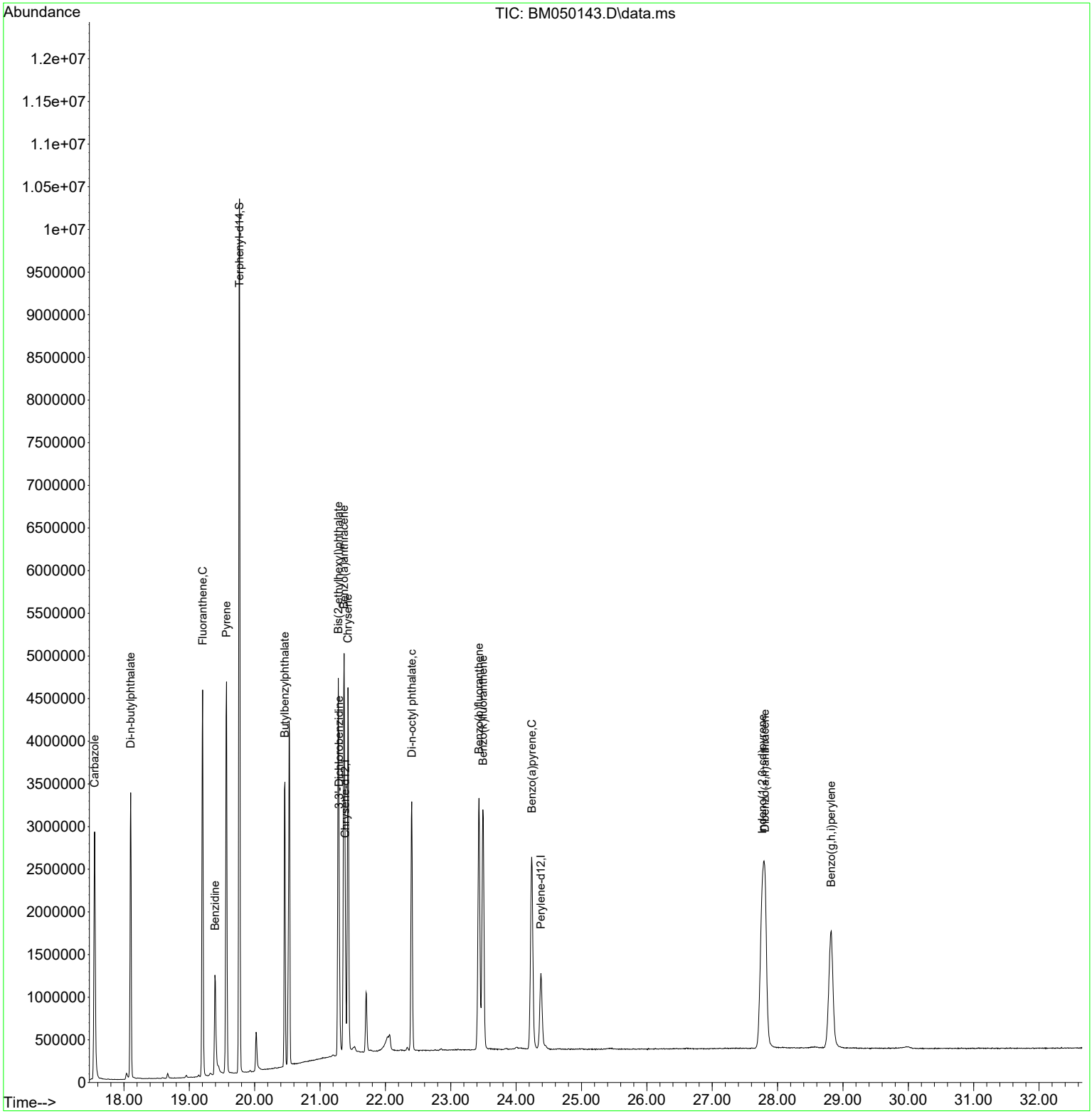
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Data File : BM050143.D
Acq On : 08 May 2025 12:39
Operator : RC/JU
Sample : PB167889BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

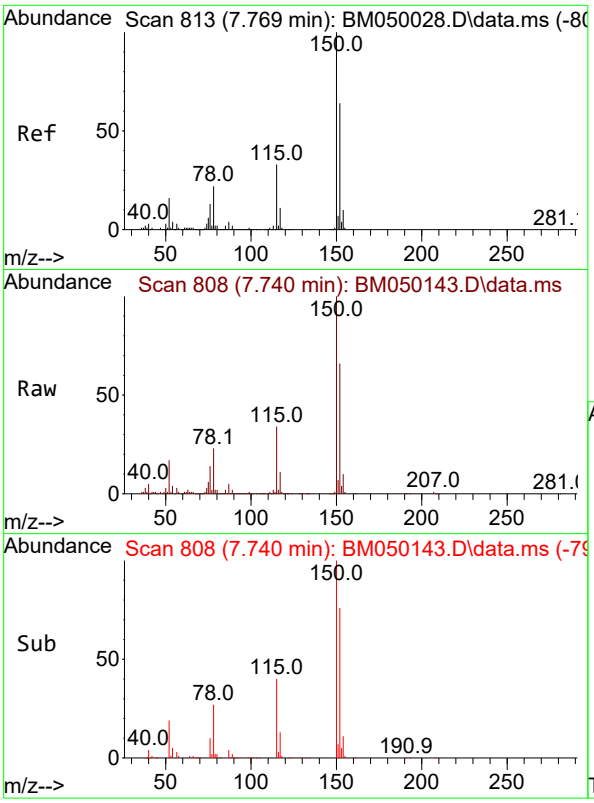
Quant Time: May 08 13:14:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 08 12:03:21 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

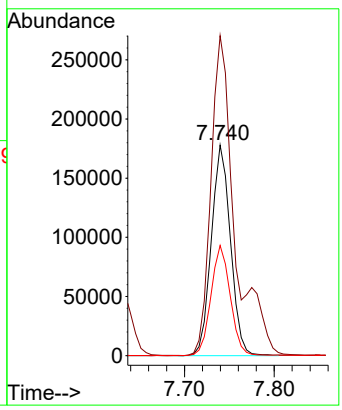




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:152 Resp: 26434(

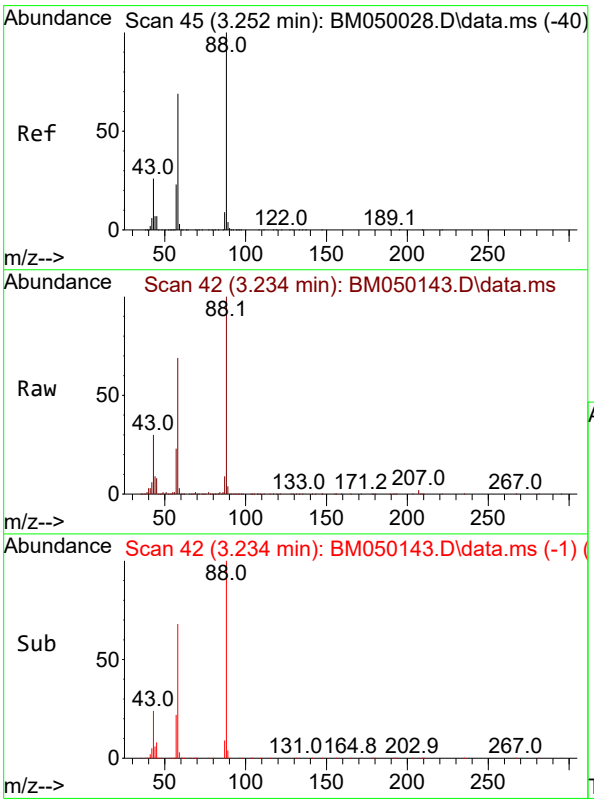
Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.1	186.1
115	52.4	41.2	61.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

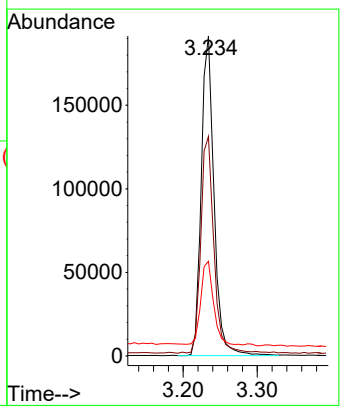
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

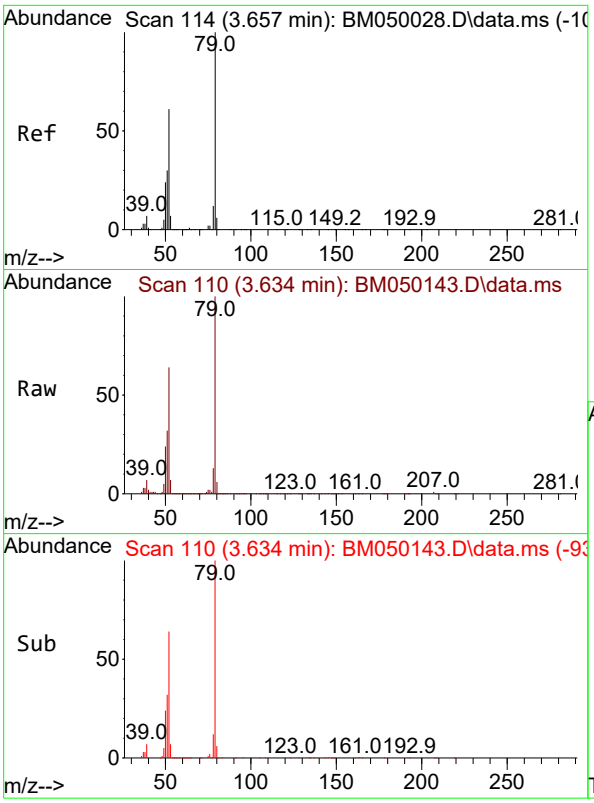


#2
1,4-Dioxane
Concen: 35.570 ng
RT: 3.234 min Scan# 42
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 88 Resp: 230236

Ion	Ratio	Lower	Upper
88	100		
58	69.6	55.1	82.7
43	25.9	20.9	31.3

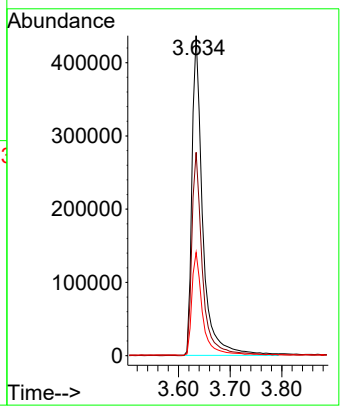




#3
Pyridine
Concen: 37.969 ng
RT: 3.634 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 79 Resp: 6314

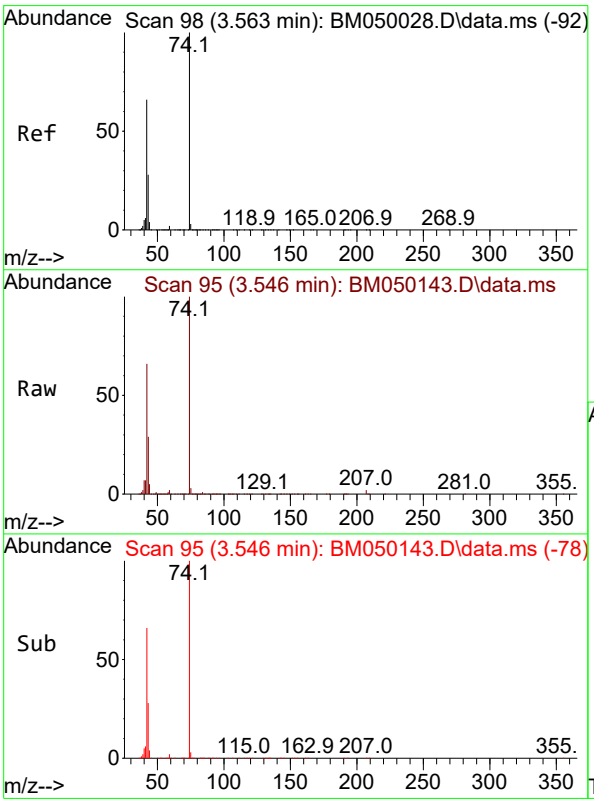
Ion	Ratio	Lower	Upper
79	100		
52	63.5	48.6	72.8
51	32.3	24.6	37.0



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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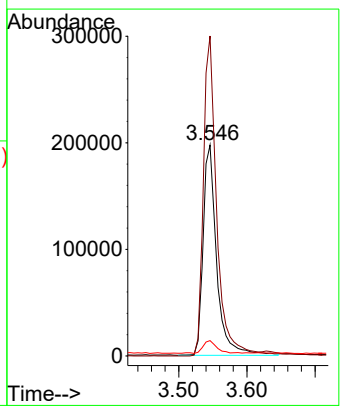
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

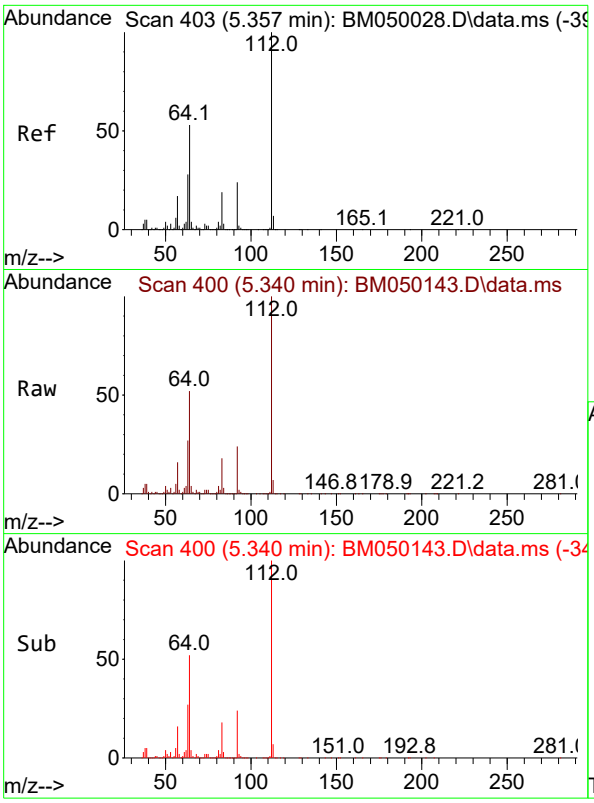


#4
n-Nitrosodimethylamine
Concen: 41.833 ng
RT: 3.546 min Scan# 95
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 42 Resp: 272864

Ion	Ratio	Lower	Upper
42	100		
74	151.7	120.2	180.2
44	7.3	6.2	9.2





#5
2-Fluorophenol
Concen: 133.939 ng
RT: 5.340 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

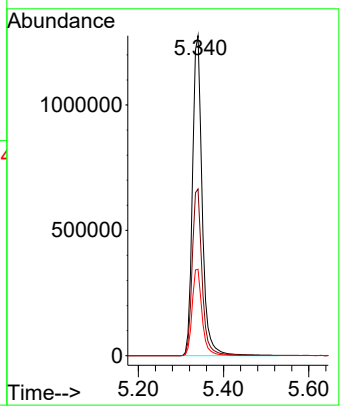
Tgt Ion:112 Resp: 202197

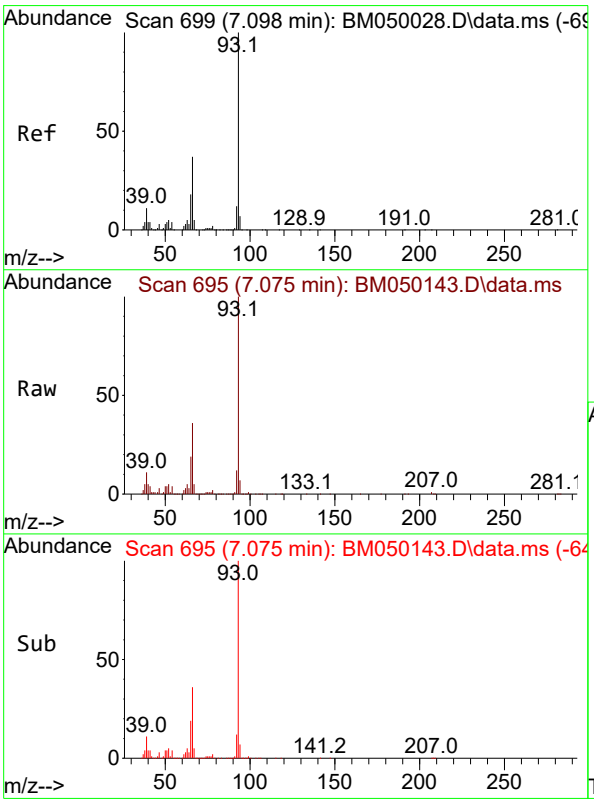
Ion	Ratio	Lower	Upper
112	100		
64	52.1	42.6	64.0
63	27.0	22.2	33.4

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

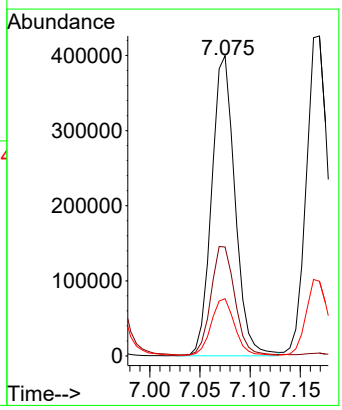


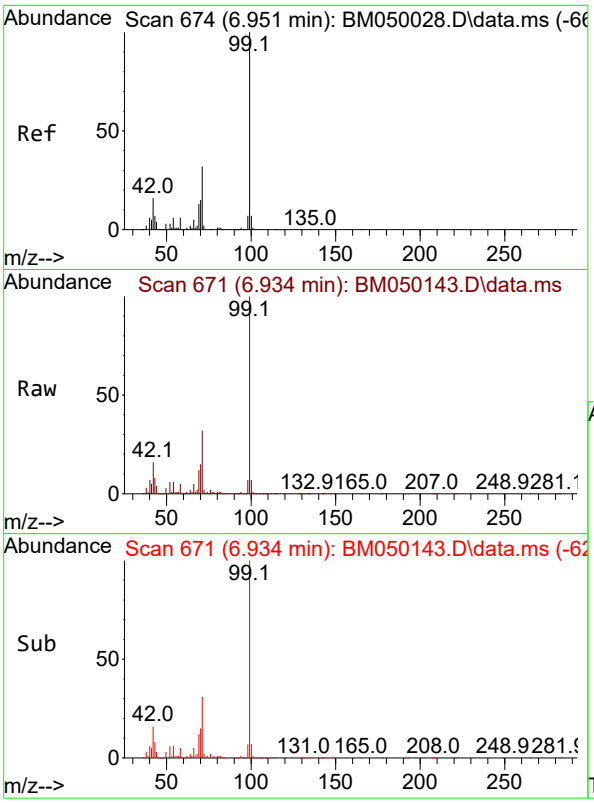


#6
Aniline
Concen: 26.980 ng
RT: 7.075 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 93 Resp: 646417

Ion	Ratio	Lower	Upper
93	100		
66	36.3	29.9	44.9
65	19.1	14.5	21.7

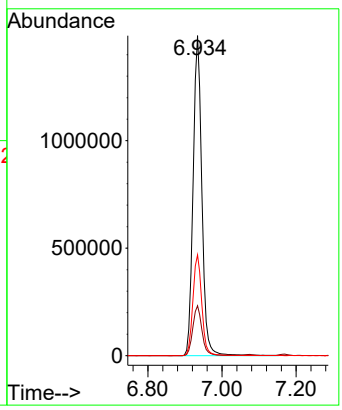




#7
Phenol-d6
Concen: 129.267 ng
RT: 6.934 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 99 Resp: 245272

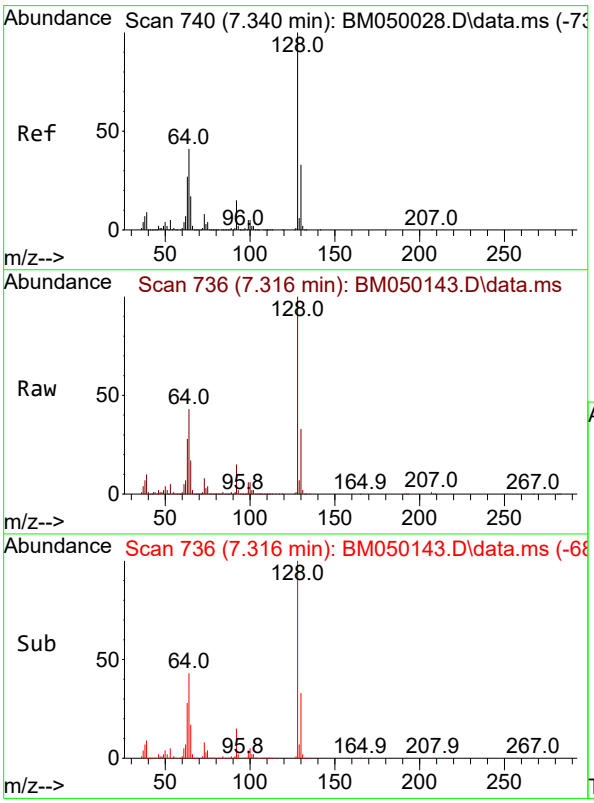
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.0	19.4
71	31.5	25.6	38.4



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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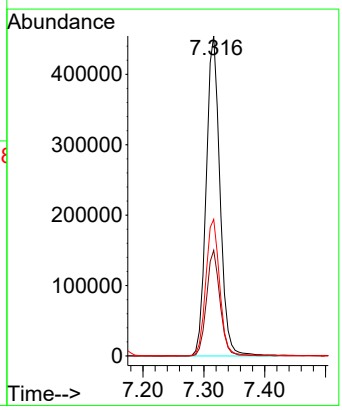
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

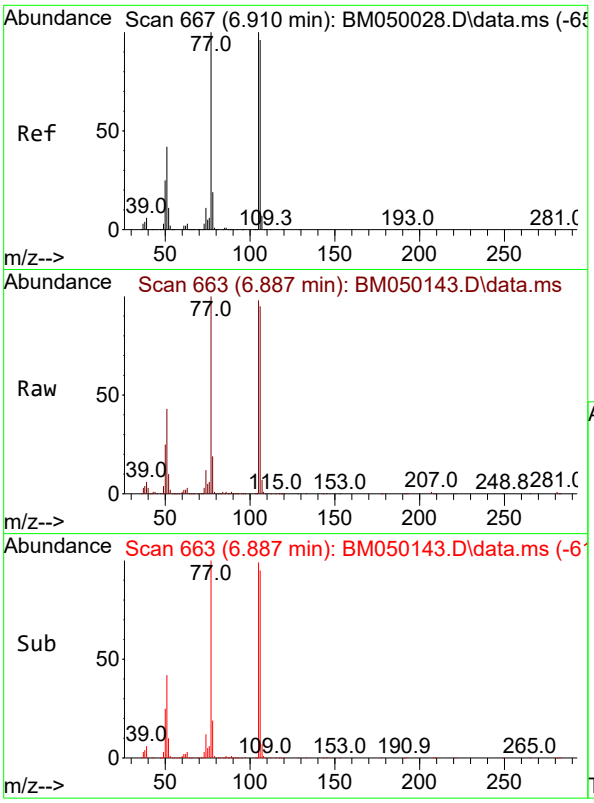


#8
2-Chlorophenol
Concen: 43.699 ng
RT: 7.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:128 Resp: 713271

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.8	52.8
64	42.7	21.2	61.2

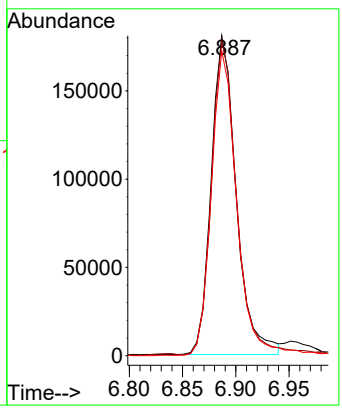




#9
Benzaldehyde
Concen: 23.171 ng
RT: 6.887 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 77 Resp: 29421

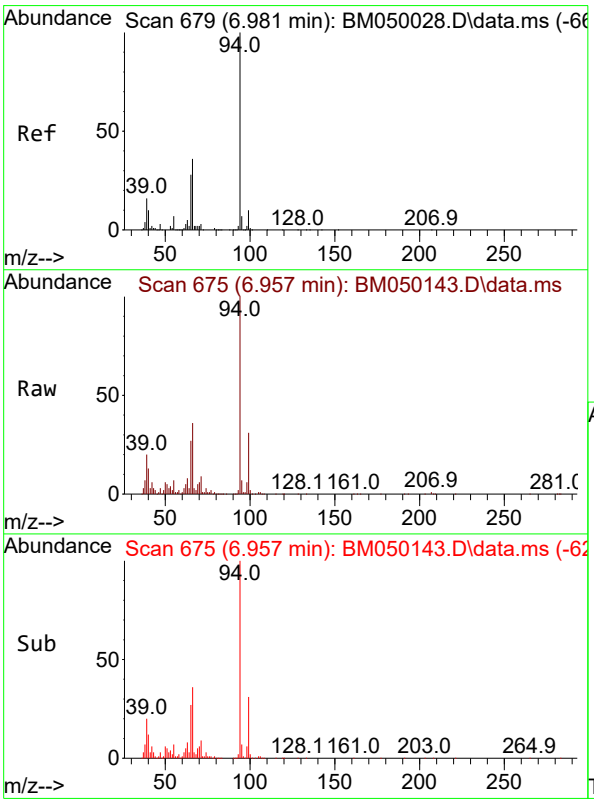
Ion	Ratio	Lower	Upper
77	100		
105	98.5	80.5	120.5
106	95.2	76.1	116.1



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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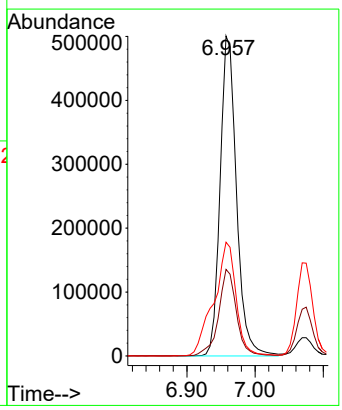
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

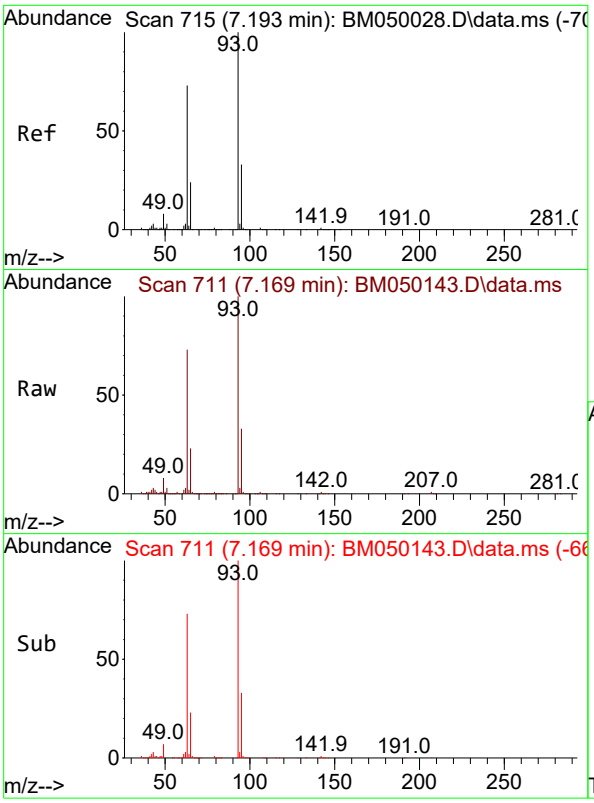


#10
Phenol
Concen: 43.662 ng
RT: 6.957 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 94 Resp: 838666

Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.6	47.6
66	35.6	15.8	55.8

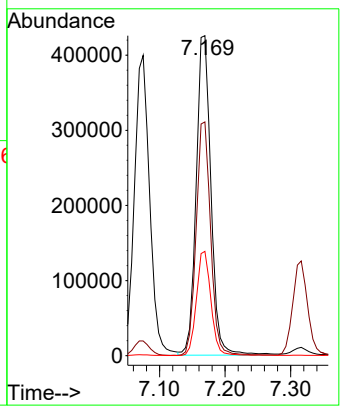




#11
bis(2-Chloroethyl)ether
Concen: 41.719 ng
RT: 7.169 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 93 Resp: 66913

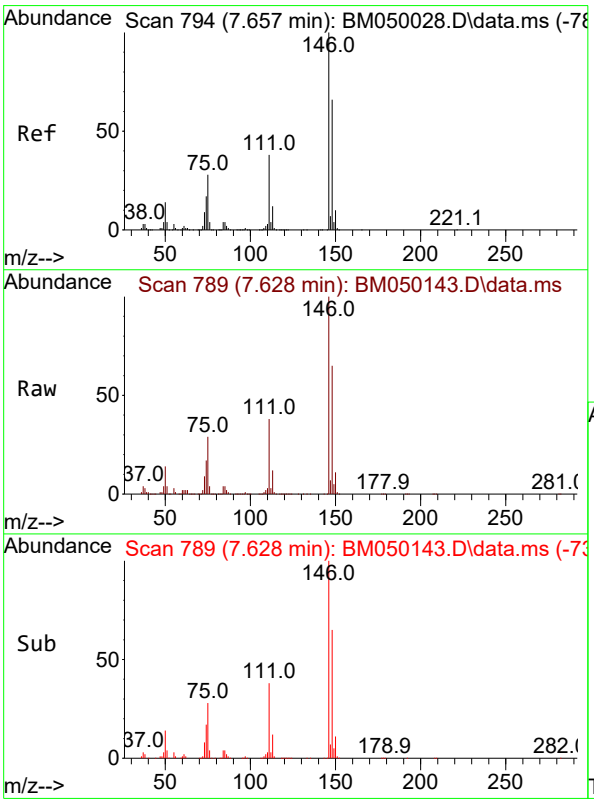
Ion	Ratio	Lower	Upper
93	100		
63	73.0	52.3	92.3
95	32.6	12.8	52.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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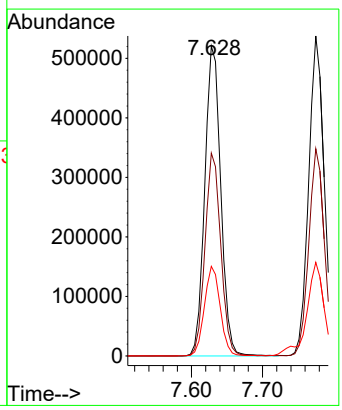
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

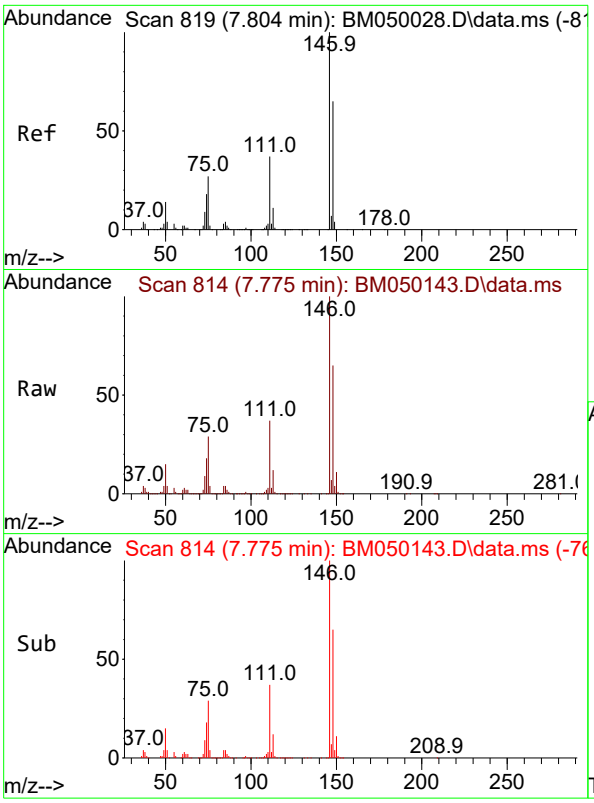


#12
1,3-Dichlorobenzene
Concen: 41.424 ng
RT: 7.628 min Scan# 789
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:146 Resp: 816752

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.5	78.7
75	28.9	22.6	34.0

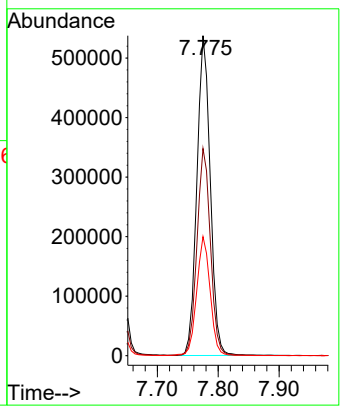




#13
1,4-Dichlorobenzene
Concen: 41.470 ng
RT: 7.775 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:146 Resp: 82143

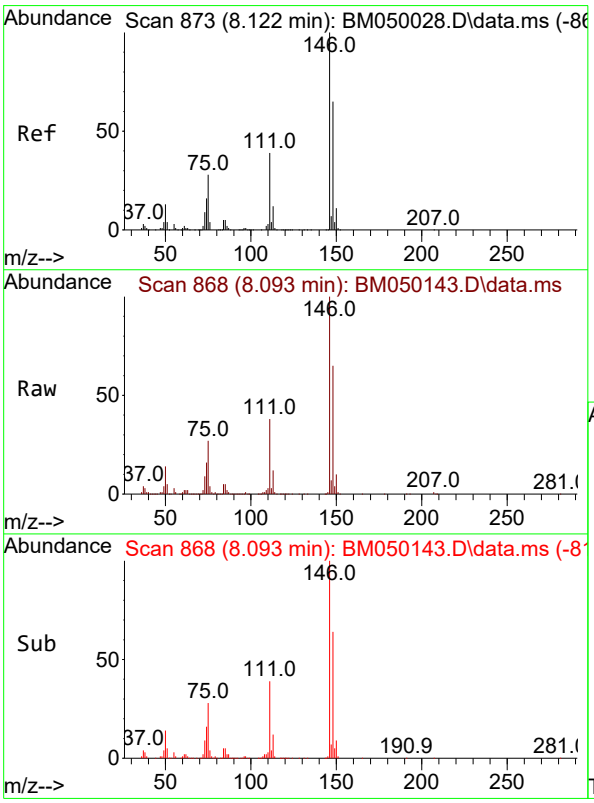
Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	37.2	29.3	43.9



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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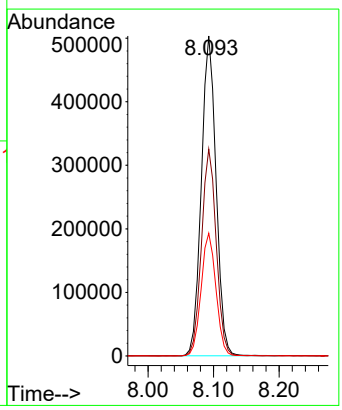
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

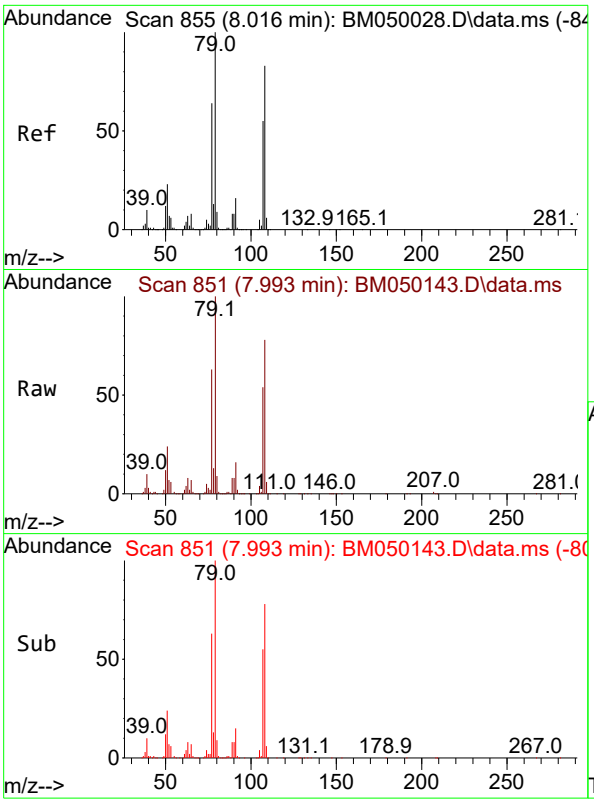


#14
1,2-Dichlorobenzene
Concen: 41.208 ng
RT: 8.093 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:146 Resp: 788459

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.4	78.6
111	38.4	31.0	46.6

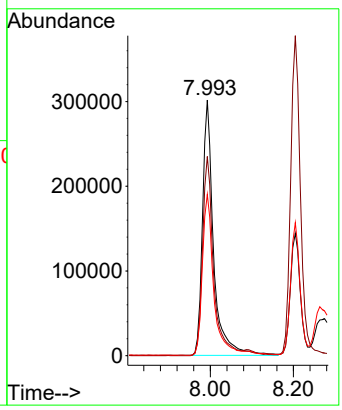




#15
Benzyl Alcohol
Concen: 42.504 ng
RT: 7.993 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 79 Resp: 55928

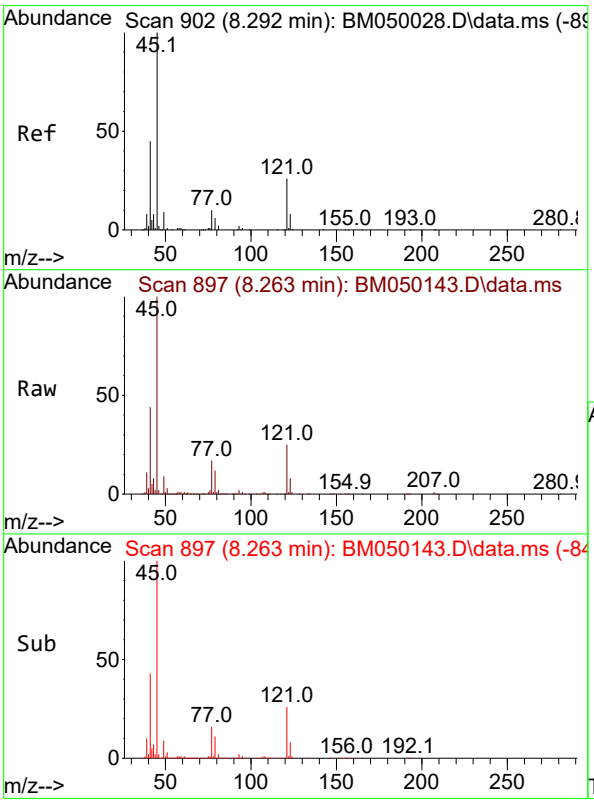
Ion	Ratio	Lower	Upper
79	100		
108	77.9	66.0	99.0
77	63.1	51.6	77.4



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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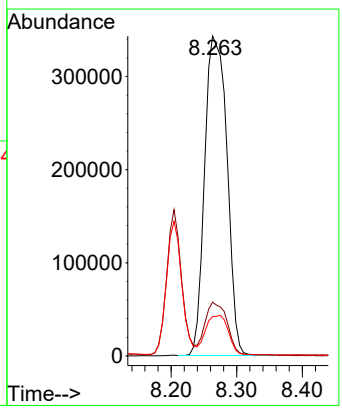
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

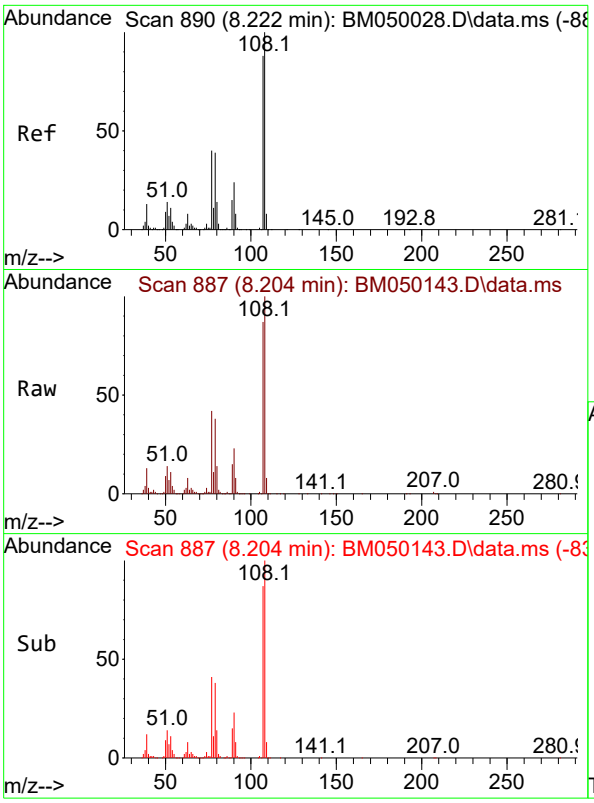


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.593 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 45 Resp: 810918

Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.4
79	12.3	0.0	32.7

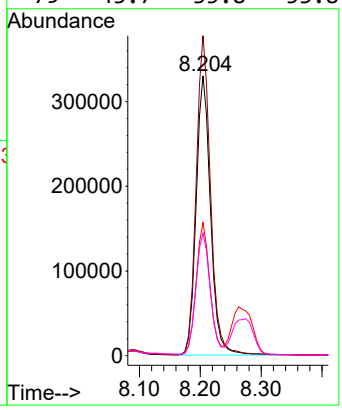




#17
2-Methylphenol
Concen: 42.691 ng
RT: 8.204 min Scan# 8
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:107 Resp: 54020

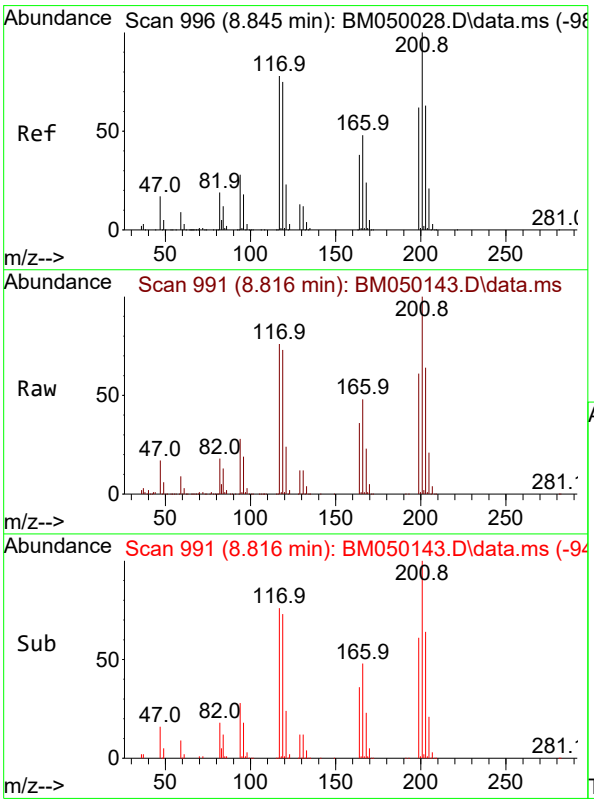
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.1	136.7
77	47.5	36.2	54.4
79	43.7	35.8	53.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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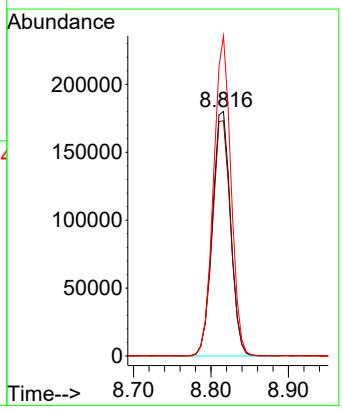
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

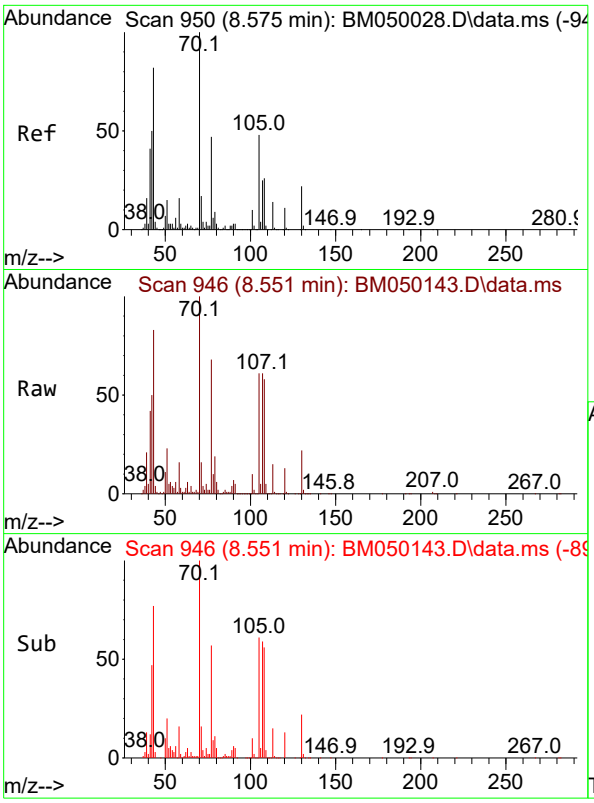


#18
Hexachloroethane
Concen: 41.677 ng
RT: 8.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:117 Resp: 293460

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
201	130.9	102.8	154.2

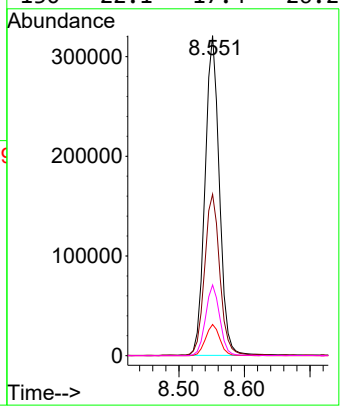




#19
n-Nitroso-di-n-propylamine
Concen: 40.172 ng
RT: 8.551 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 70 Resp: 48885

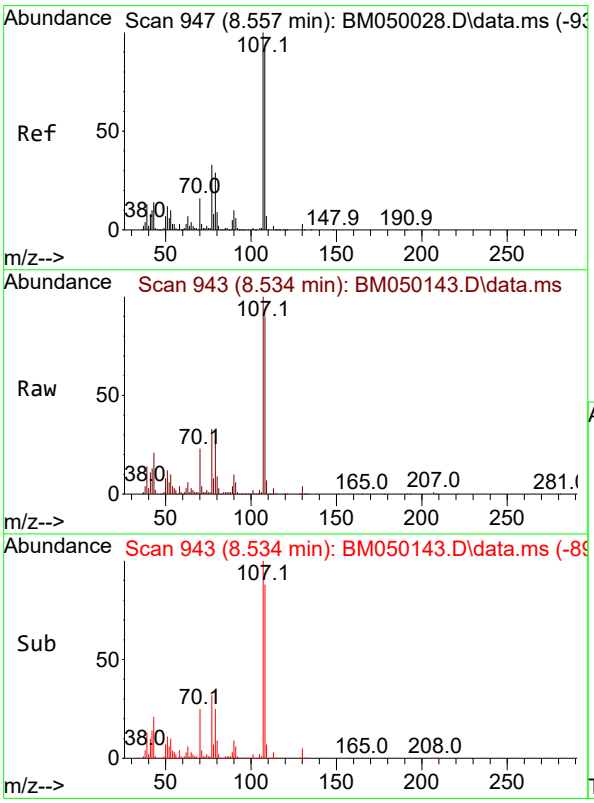
Ion	Ratio	Lower	Upper
70	100		
42	50.4	40.5	60.7
101	9.7	7.8	11.6
130	22.1	17.4	26.2



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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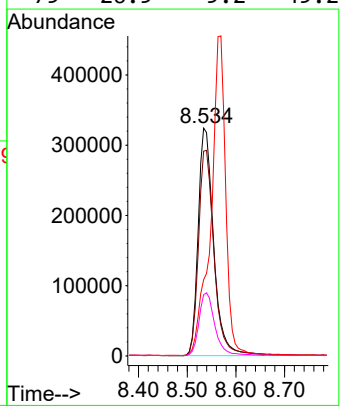
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

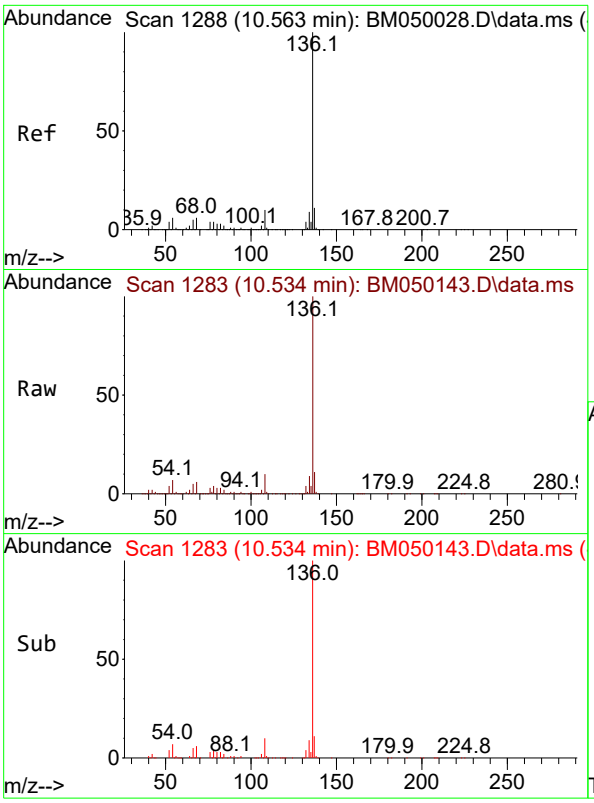


#20
3+4-Methylphenols
Concen: 42.007 ng
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:107 Resp: 717828

Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.4	112.4
77	33.5	13.6	53.6
79	26.9	9.2	49.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

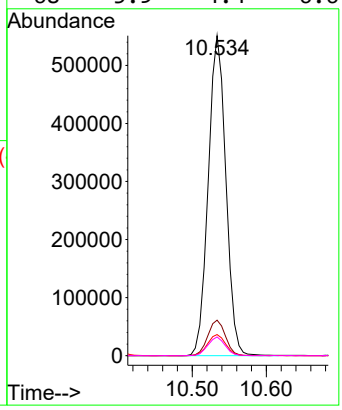
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

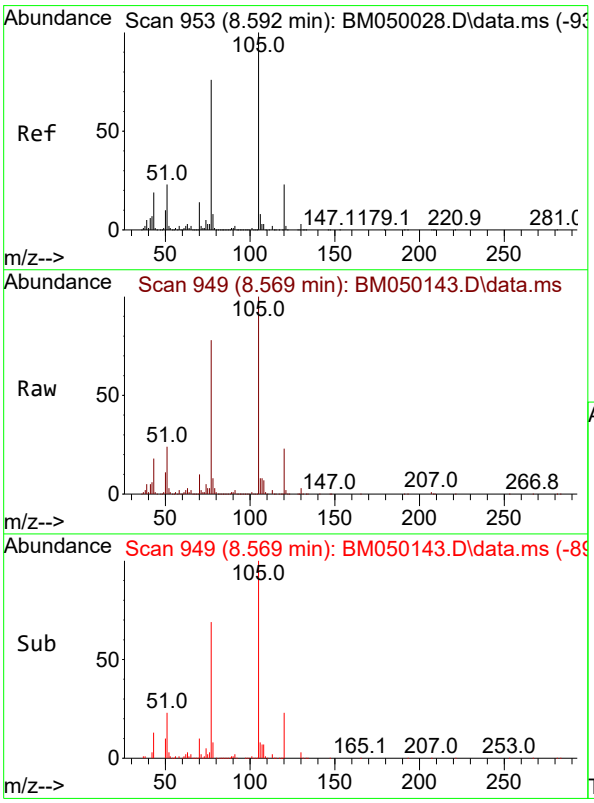
Tgt Ion:136 Resp: 91107

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.6	5.1	7.7
68	5.9	4.4	6.6

Manual Integrations
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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

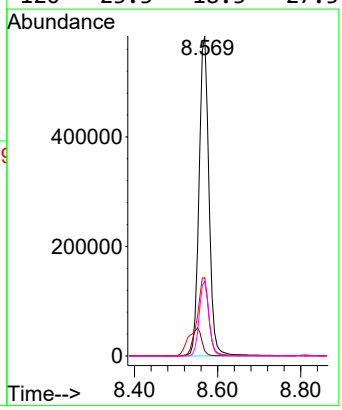


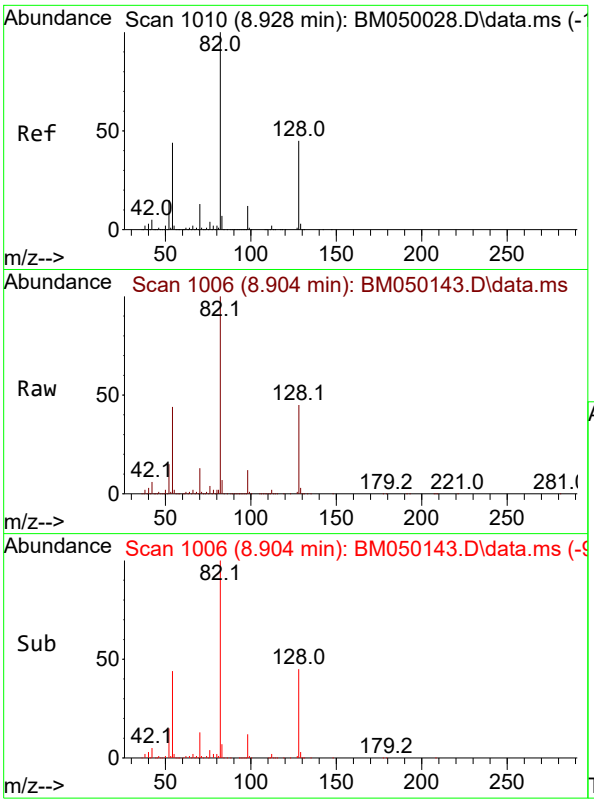


#22
Acetophenone
Concen: 42.801 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:105 Resp: 969487

Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.7	2.5#
51	24.5	18.6	27.8
120	23.3	18.3	27.5

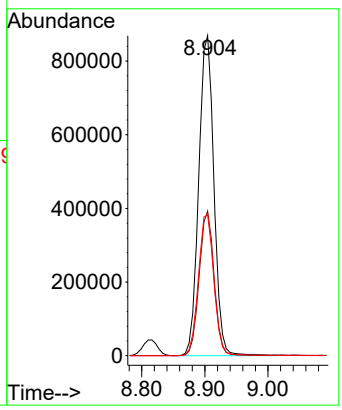




#23
Nitrobenzene-d5
Concen: 78.347 ng
RT: 8.904 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 82 Resp: 144855

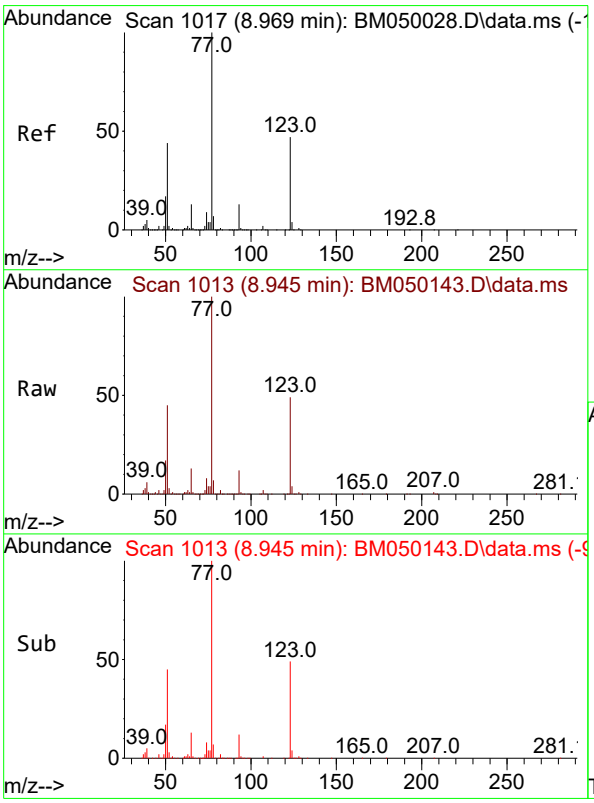
Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	44.0	35.4	53.2



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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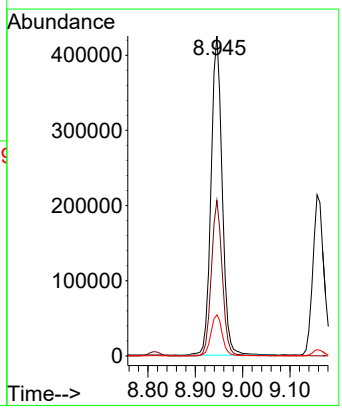
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

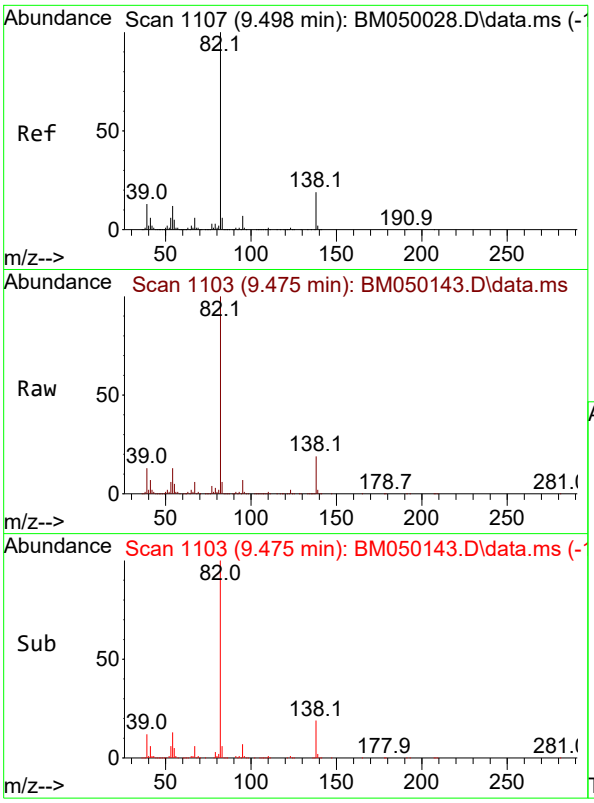


#24
Nitrobenzene
Concen: 43.509 ng
RT: 8.945 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 77 Resp: 695574

Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.9	56.9
65	12.9	10.1	15.1

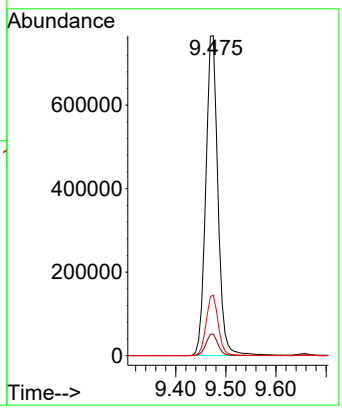




#25
Isophorone
Concen: 40.932 ng
RT: 9.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 82 Resp: 129003

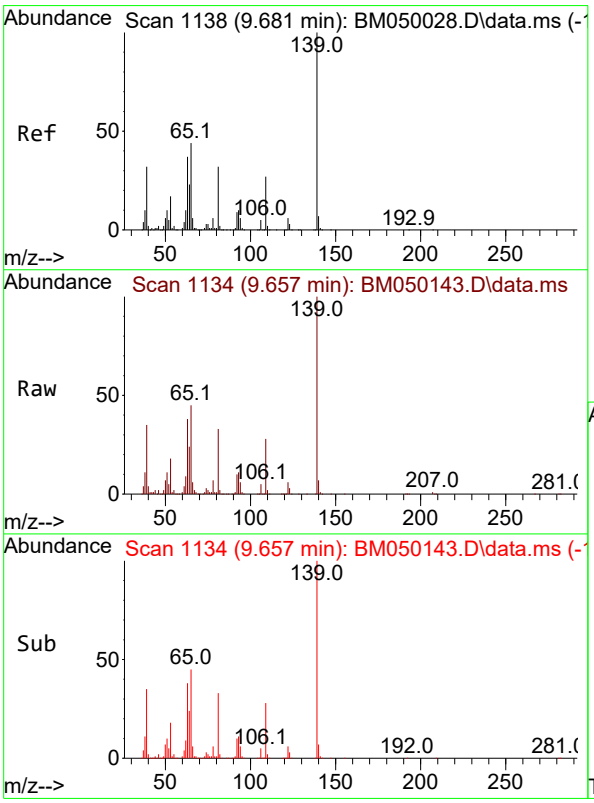
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	19.0	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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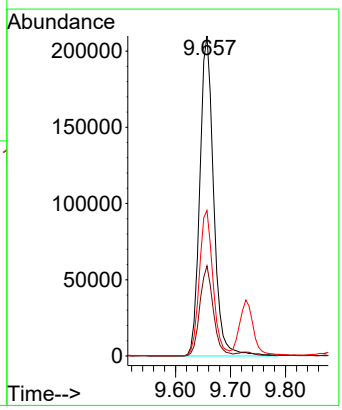
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

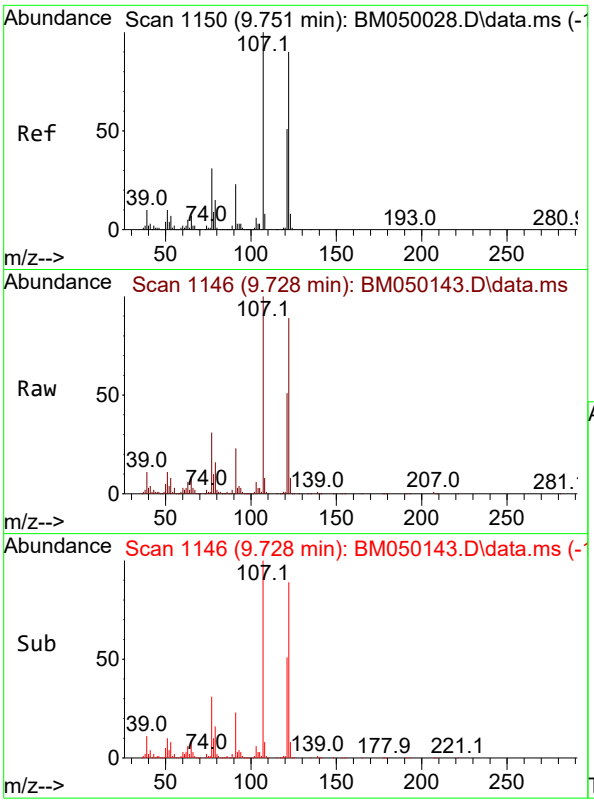


#26
2-Nitrophenol
Concen: 44.974 ng
RT: 9.657 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:139 Resp: 367311

Ion	Ratio	Lower	Upper
139	100		
109	28.1	21.9	32.9
65	45.5	35.4	53.2





#27
2,4-Dimethylphenol
Concen: 43.965 ng
RT: 9.728 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

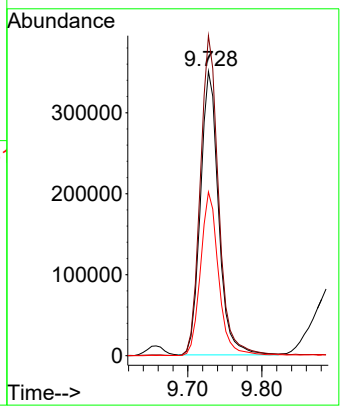
Tgt Ion:122 Resp: 59547

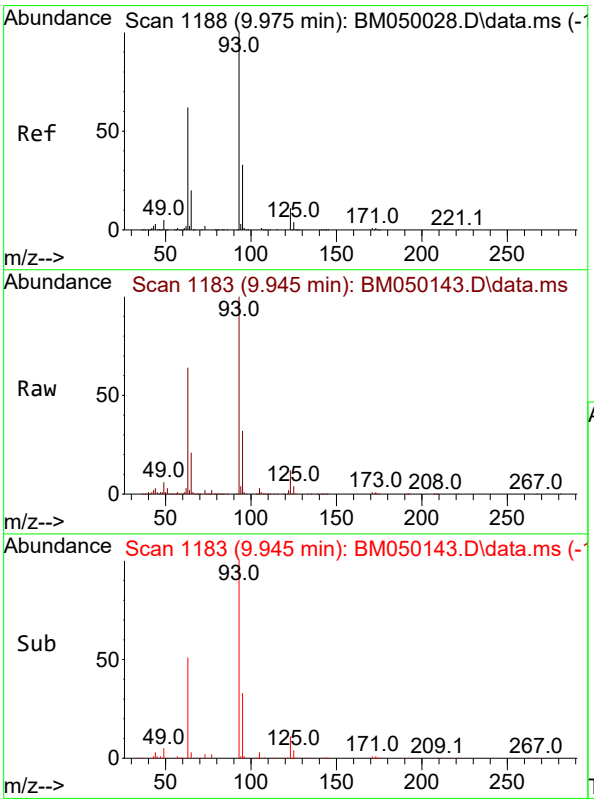
Ion	Ratio	Lower	Upper
122	100		
107	112.5	89.0	133.6
121	57.6	45.6	68.4

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

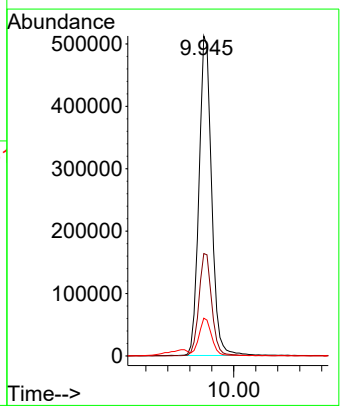


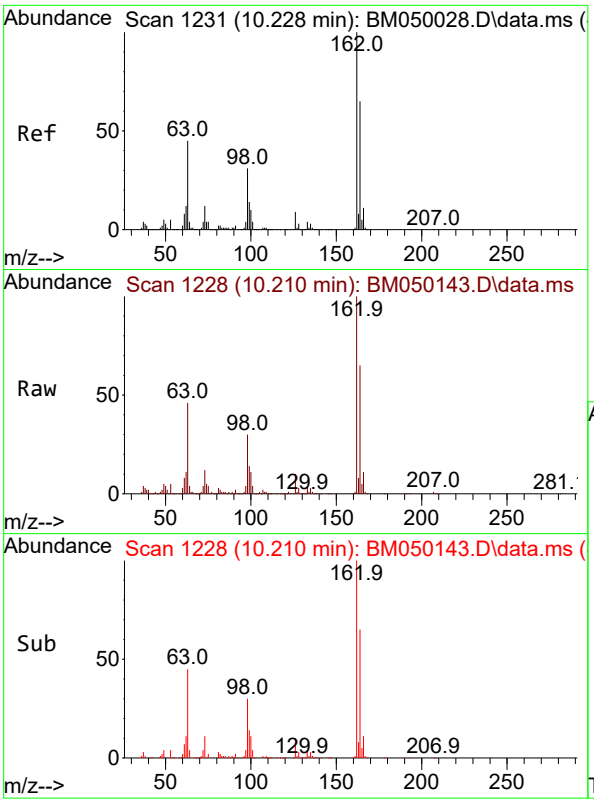


#28
bis(2-Chloroethoxy)methane
Concen: 41.952 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 93 Resp: 817207

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.1	39.1
123	11.8	9.5	14.3

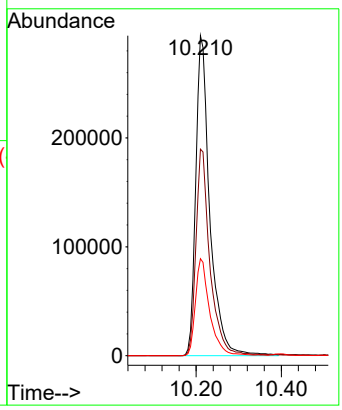




#29
2,4-Dichlorophenol
Concen: 44.457 ng
RT: 10.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:162 Resp: 67456

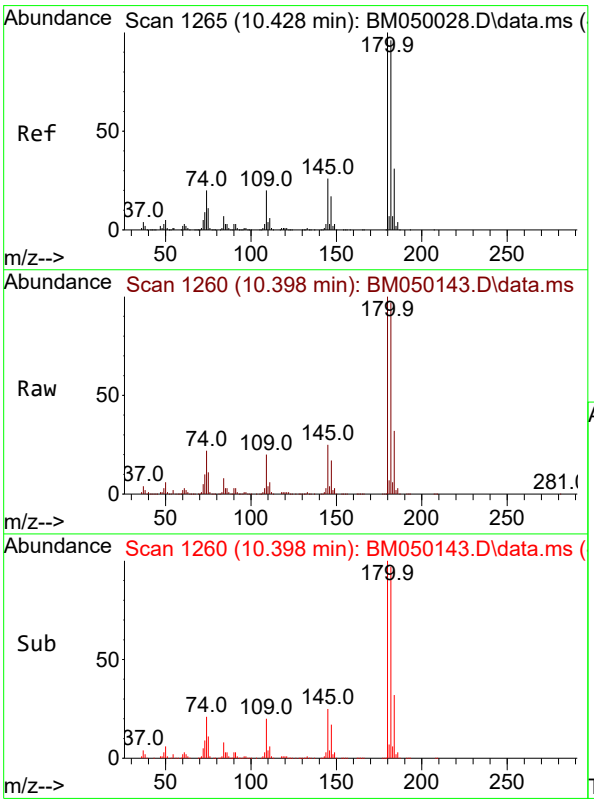
Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.4	85.4
98	30.3	11.3	51.3



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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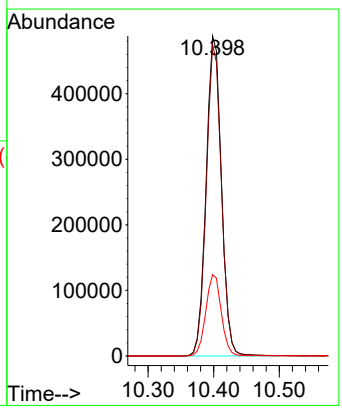
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

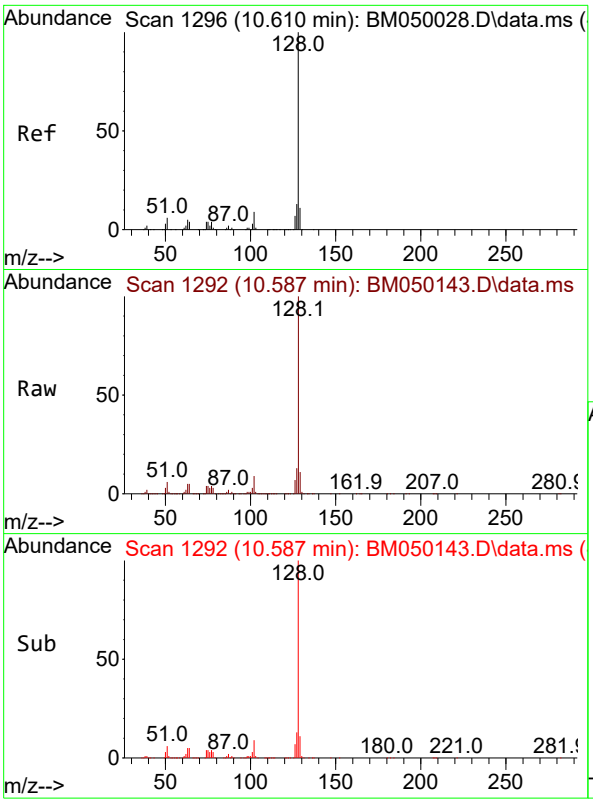


#30
1,2,4-Trichlorobenzene
Concen: 42.886 ng
RT: 10.398 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:180 Resp: 792832

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.0	115.4
145	25.4	20.6	30.8

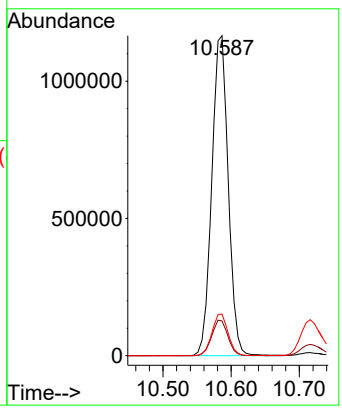




#31
Naphthalene
Concen: 42.366 ng
RT: 10.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:128 Resp: 195474

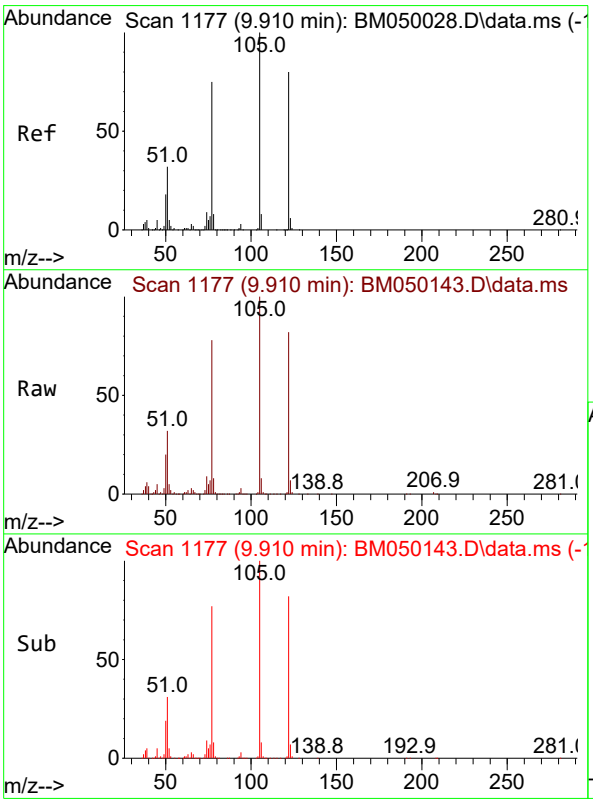
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.4	15.6



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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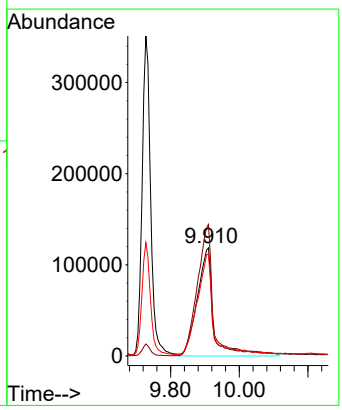
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

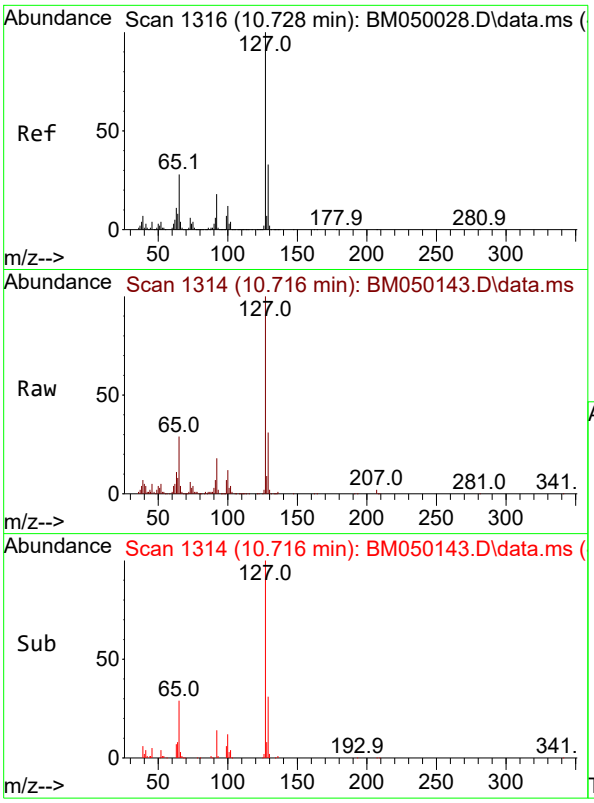


#32
Benzoic acid
Concen: 45.501 ng m
RT: 9.910 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:122 Resp: 394151

Ion	Ratio	Lower	Upper
122	100		
105	121.5	103.6	143.6
77	94.3	73.7	113.7

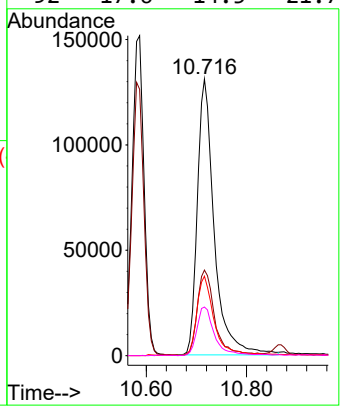




#33
4-Chloroaniline
Concen: 16.214 ng
RT: 10.716 min Scan# 1
Delta R.T. 0.012 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:127 Resp: 30664

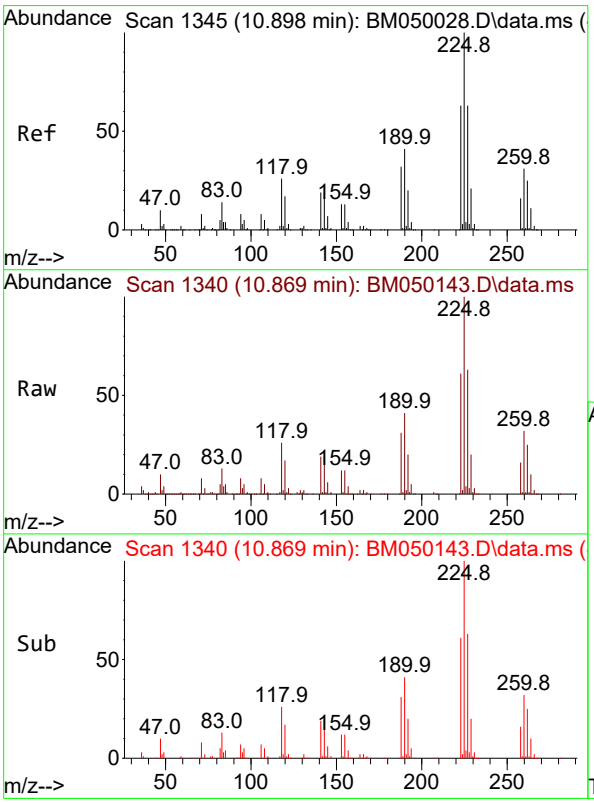
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	28.7	22.5	33.7
92	17.6	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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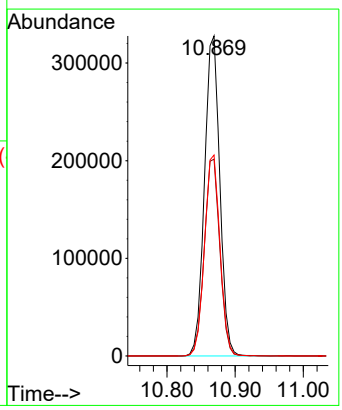
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

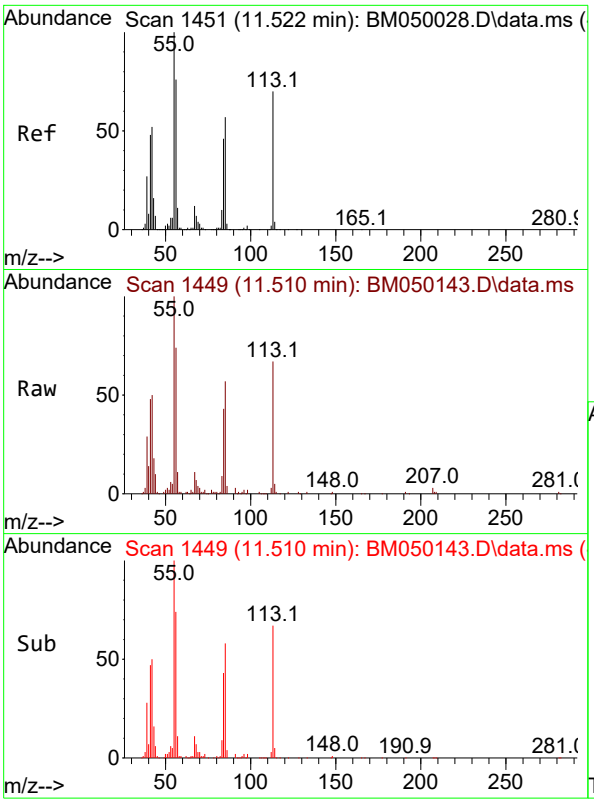


#34
Hexachlorobutadiene
Concen: 43.740 ng
RT: 10.869 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:225 Resp: 513285

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	62.8	50.6	76.0





#35
Caprolactam
Concen: 37.787 ng
RT: 11.510 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

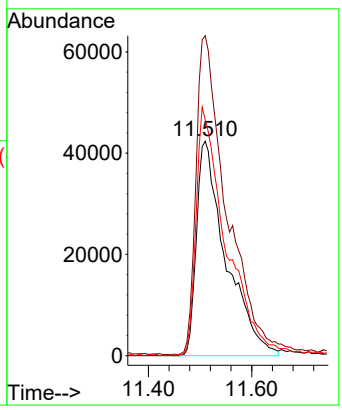
Tgt Ion:113 Resp: 16717

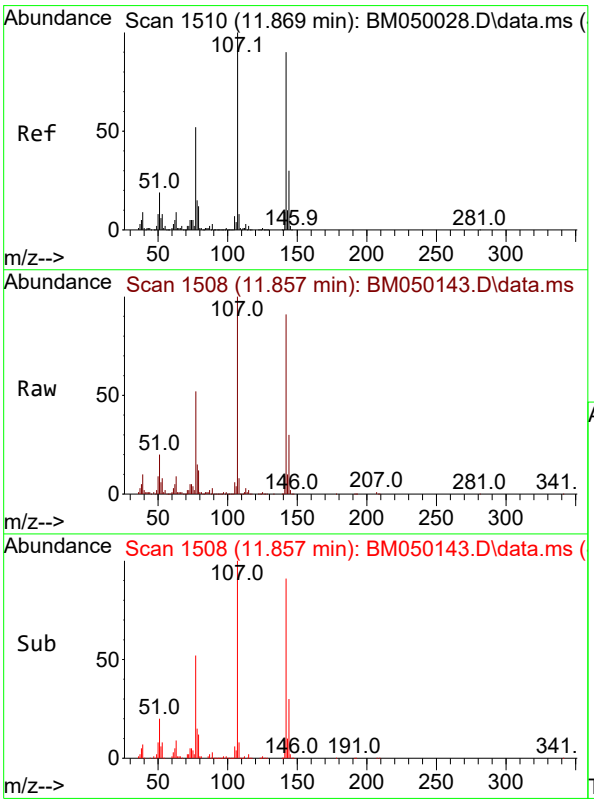
Ion	Ratio	Lower	Upper
113	100		
55	149.3	122.9	162.9
56	110.0	88.1	128.1

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

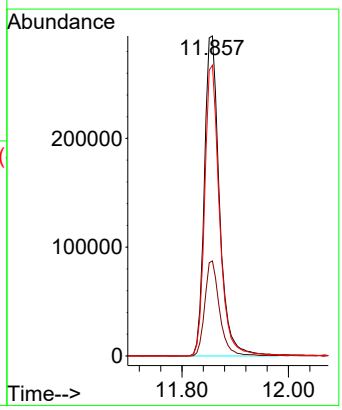


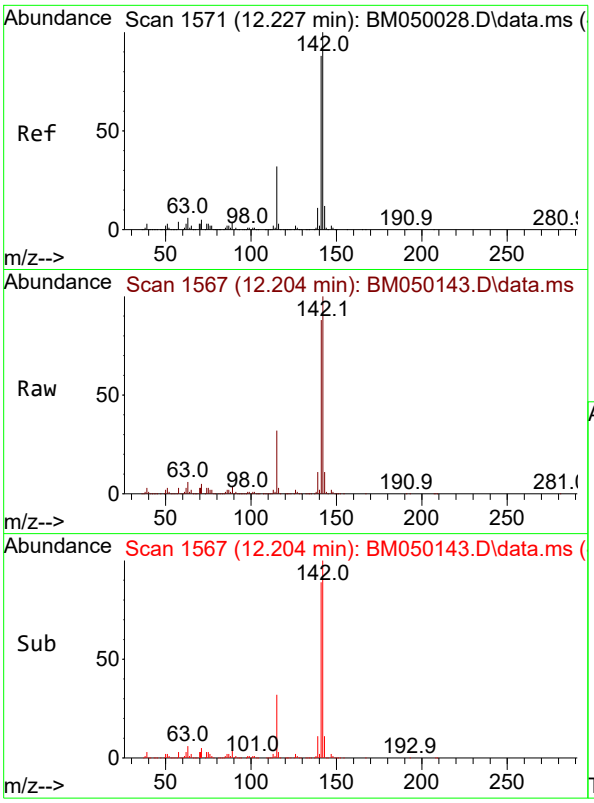


#36
4-Chloro-3-methylphenol
Concen: 41.105 ng
RT: 11.857 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:107 Resp: 576231

Ion	Ratio	Lower	Upper
107	100		
144	29.7	23.8	35.6
142	90.8	71.9	107.9

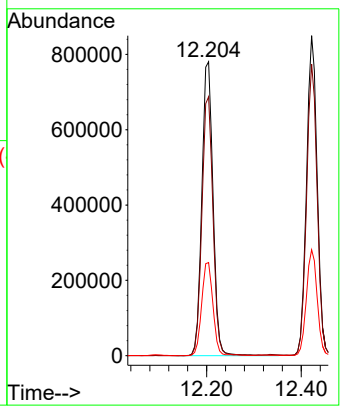




#37
2-Methylnaphthalene
Concen: 41.115 ng
RT: 12.204 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:142 Resp: 127185

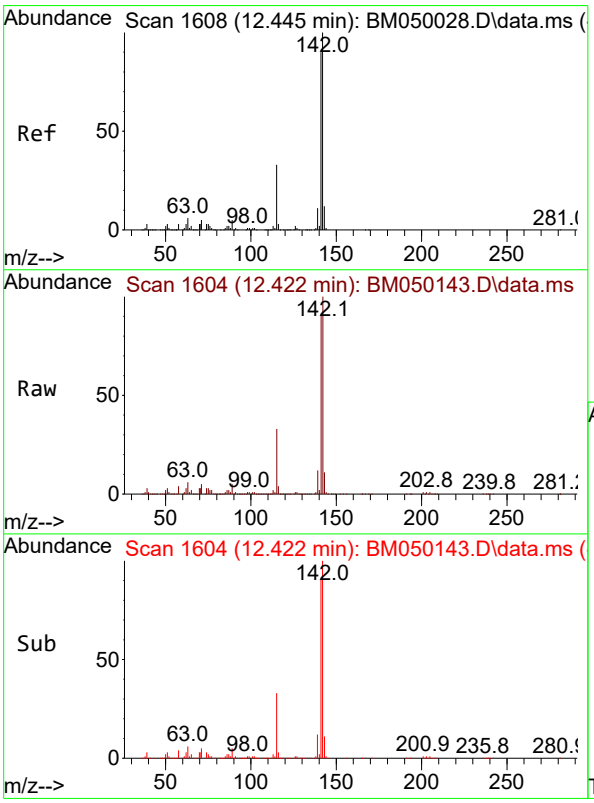
Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.4	105.6
115	31.7	25.4	38.2



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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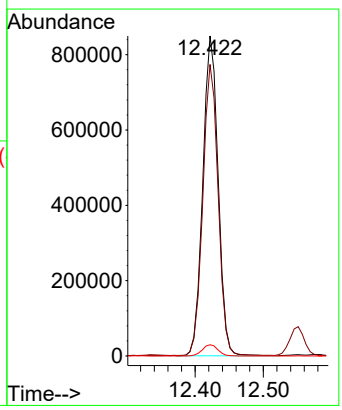
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

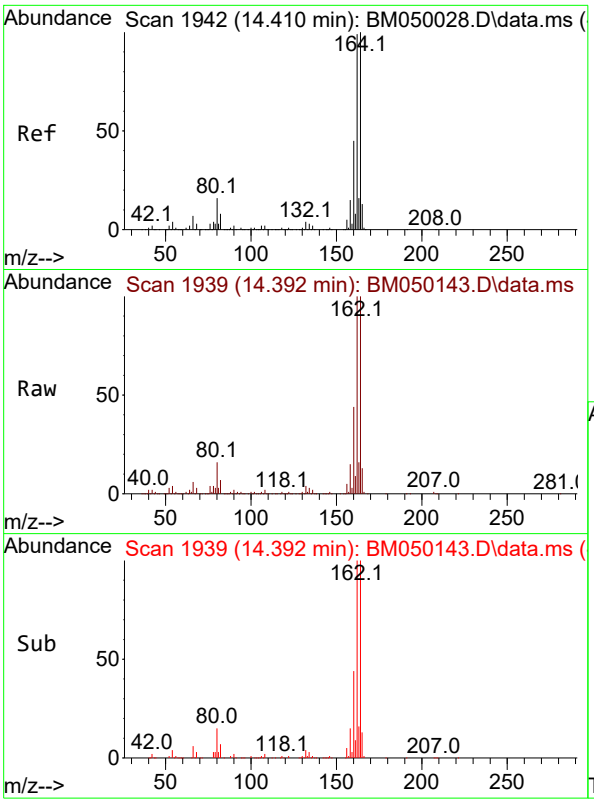


#38
1-Methylnaphthalene
Concen: 40.548 ng
RT: 12.422 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:142 Resp: 1327396

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
116	3.5	2.7	4.1

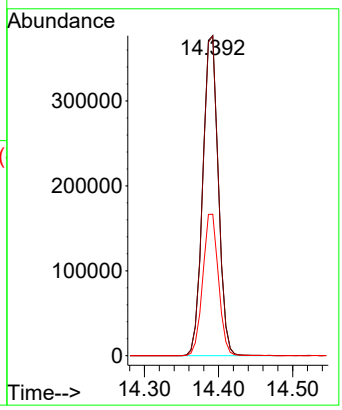




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:164 Resp: 54891

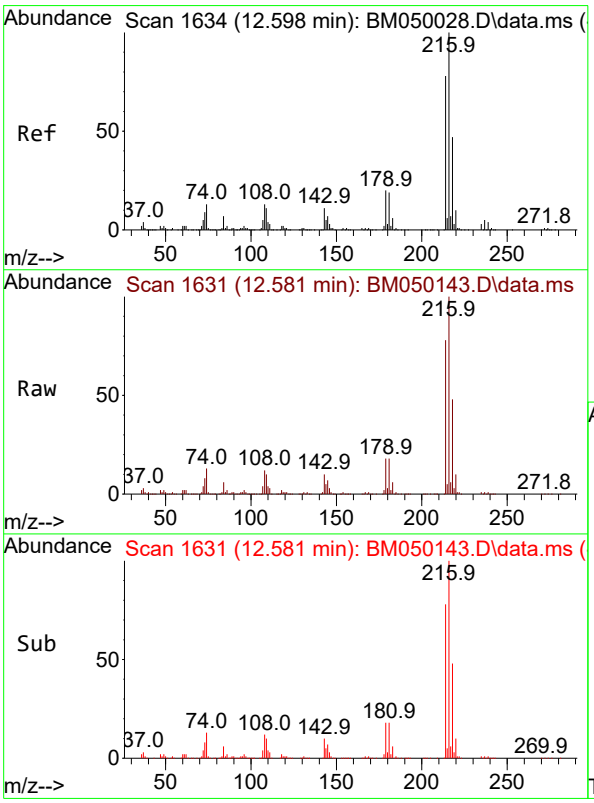
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.0
160	44.2	36.2	54.4



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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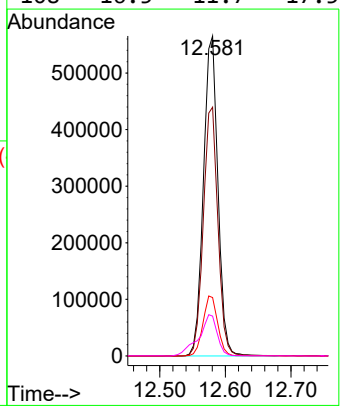
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

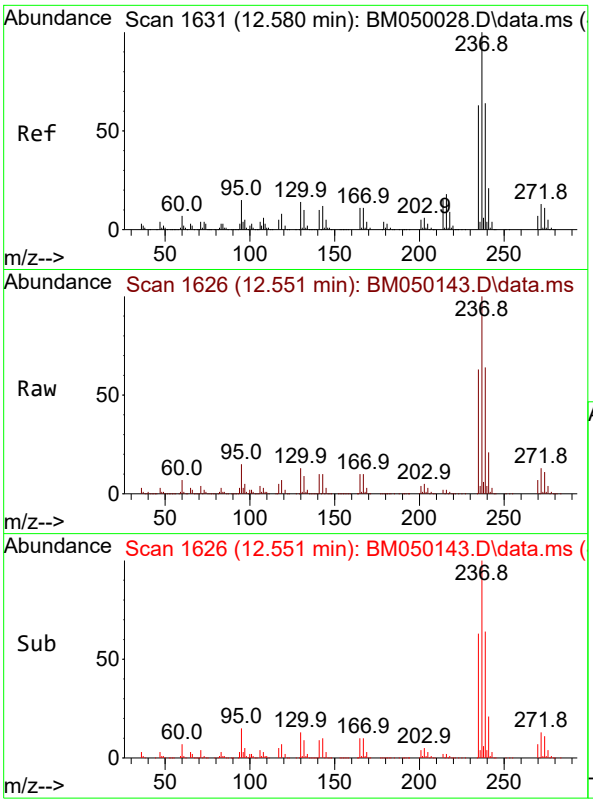


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.834 ng
RT: 12.581 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:216 Resp: 870924

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	19.1	15.4	23.0
108	16.5	11.7	17.5





#41
Hexachlorocyclopentadiene
Concen: 98.838 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

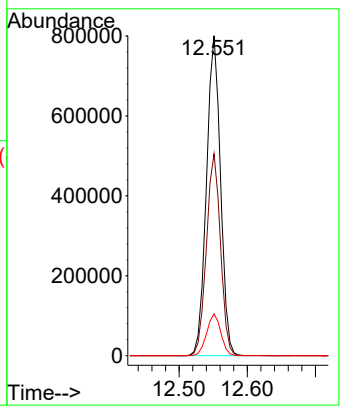
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

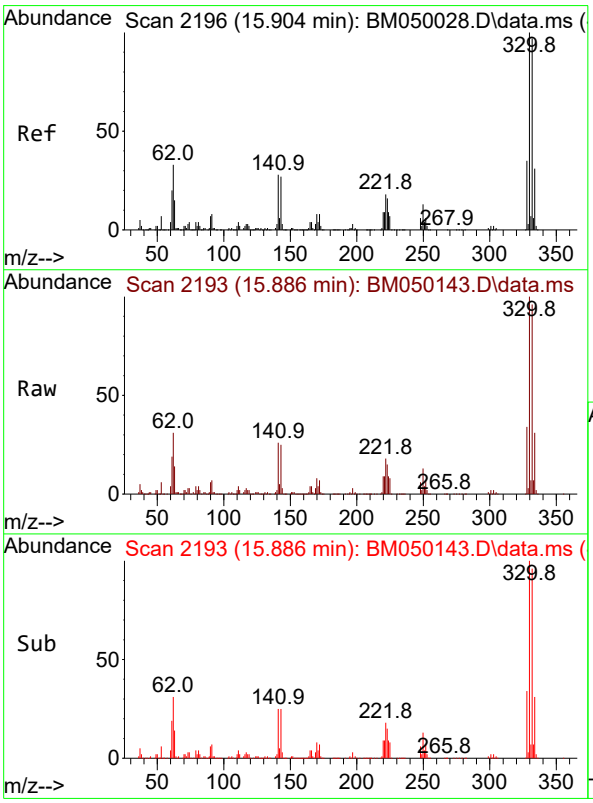
Tgt Ion:237 Resp: 114774

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.9	82.9
272	13.0	0.0	32.9

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

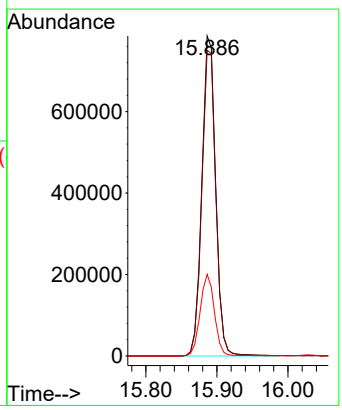


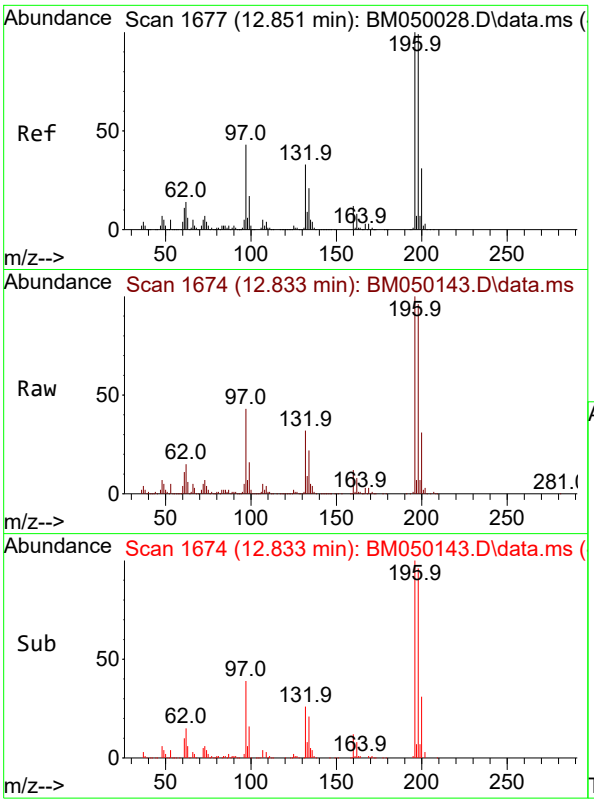


#42
2,4,6-Tribromophenol
Concen: 131.029 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:330 Resp: 1063477

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	26.5	22.5	33.7

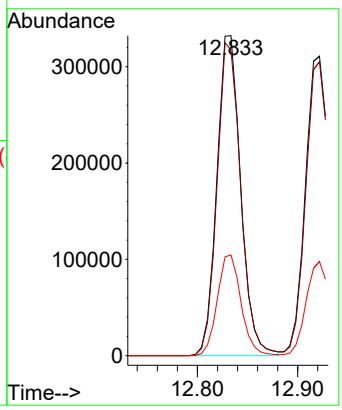




#43
2,4,6-Trichlorophenol
Concen: 45.622 ng
RT: 12.833 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:196 Resp: 54984

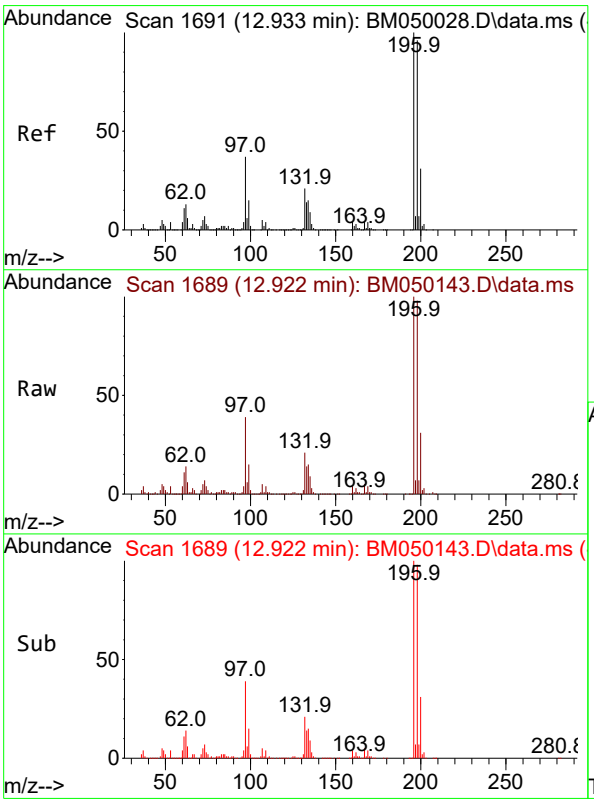
Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.0	118.6
200	31.4	25.1	37.7



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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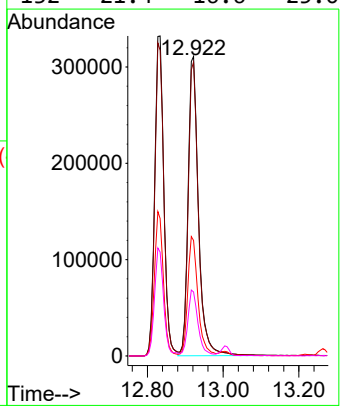
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

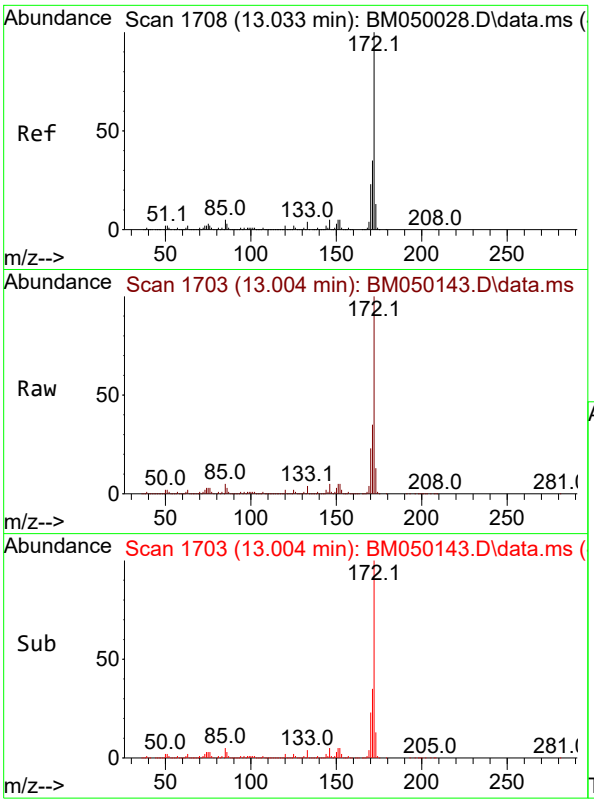


#44
2,4,5-Trichlorophenol
Concen: 45.773 ng
RT: 12.922 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:196 Resp: 594889

Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.7	115.1
97	38.6	30.1	45.1
132	21.4	16.6	25.0

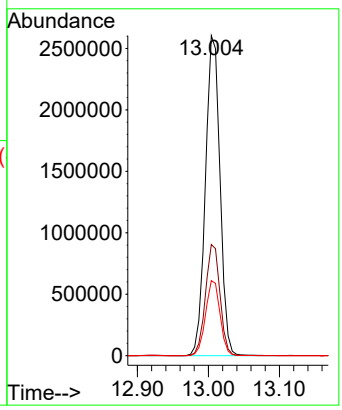




#45
2-Fluorobiphenyl
Concen: 80.242 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:172 Resp: 372324

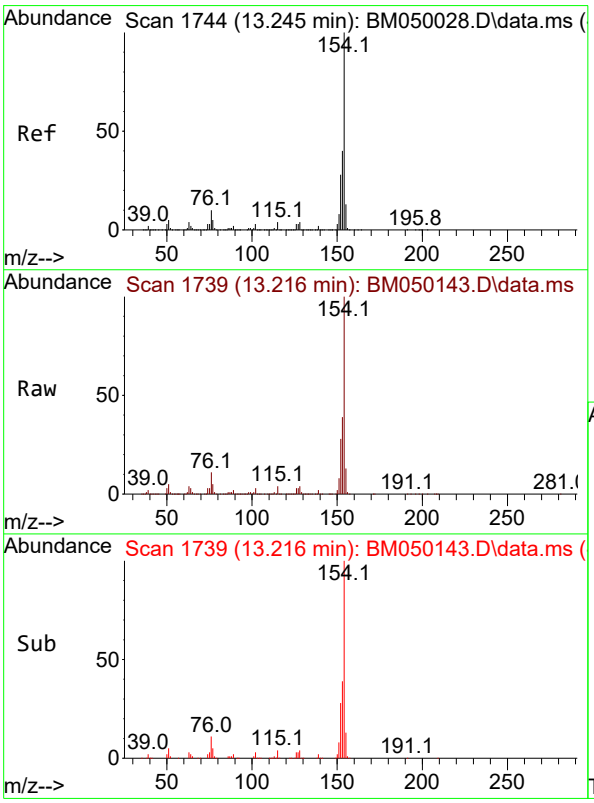
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.5	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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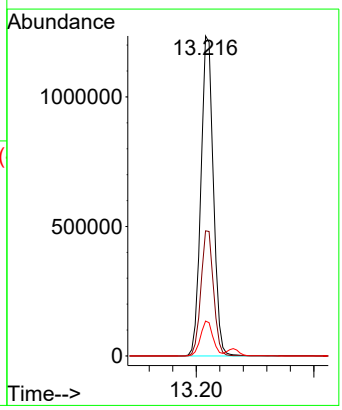
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

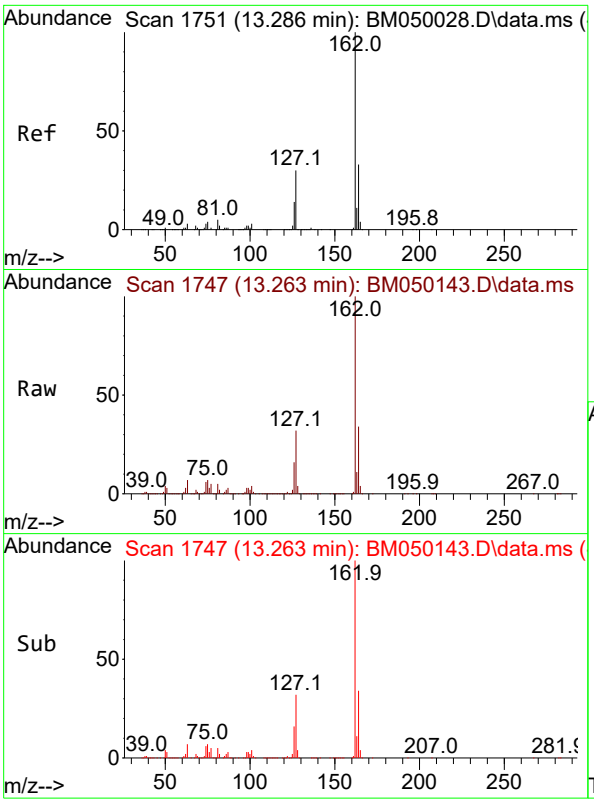


#46
1,1'-Biphenyl
Concen: 44.444 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:154 Resp: 1813471

Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.0	60.0
76	10.9	0.0	30.3

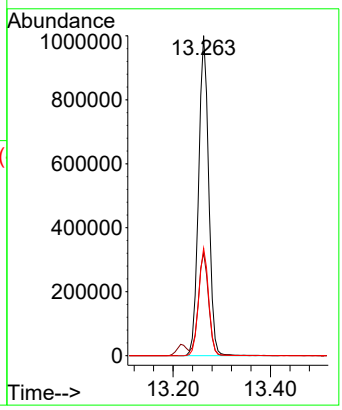




#47
2-Chloronaphthalene
Concen: 44.629 ng
RT: 13.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:162 Resp: 144223

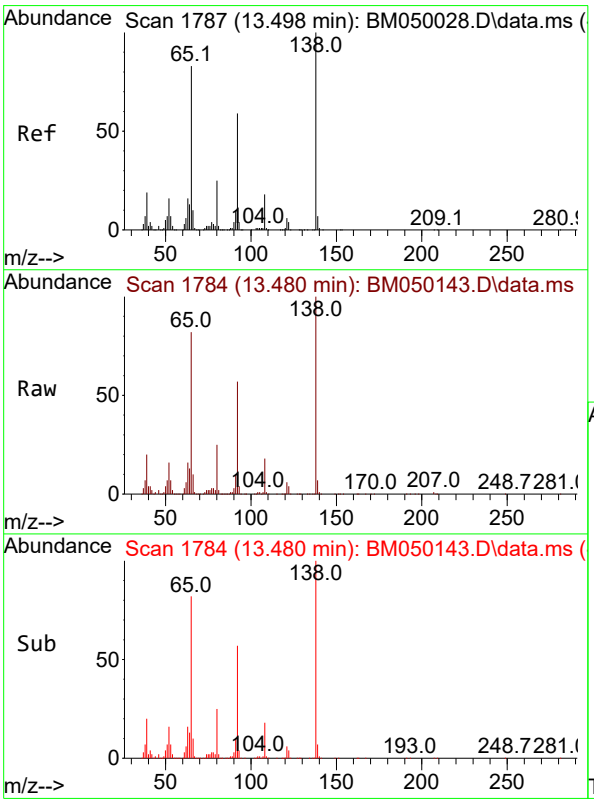
Ion	Ratio	Lower	Upper
162	100		
127	32.1	25.9	38.9
164	33.6	26.6	40.0



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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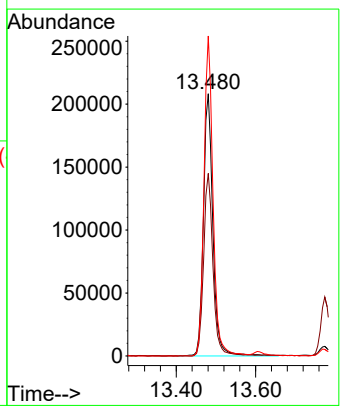
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

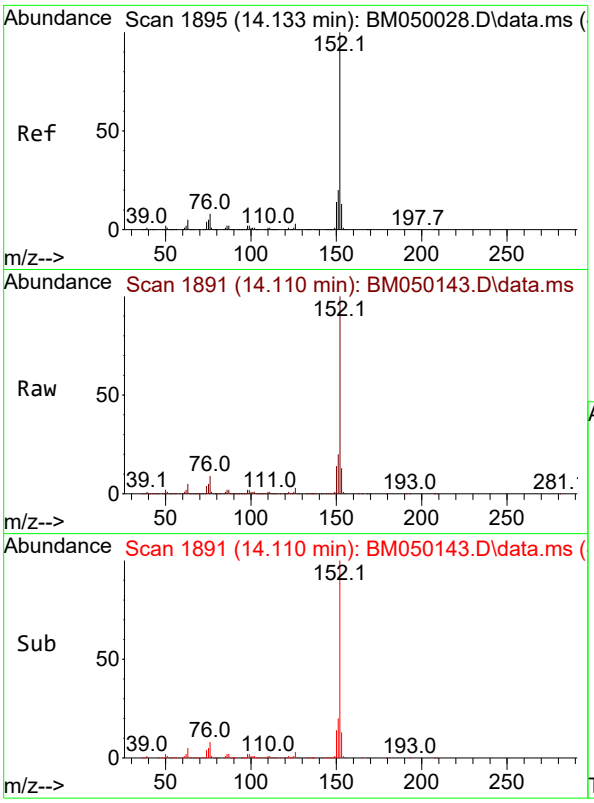


#48
2-Nitroaniline
Concen: 45.707 ng
RT: 13.480 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion: 65 Resp: 346667

Ion	Ratio	Lower	Upper
65	100		
92	69.6	57.1	85.7
138	122.0	97.0	145.4

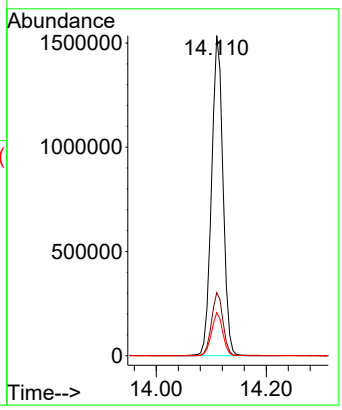




#49
Acenaphthylene
Concen: 43.518 ng
RT: 14.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:152 Resp: 221736

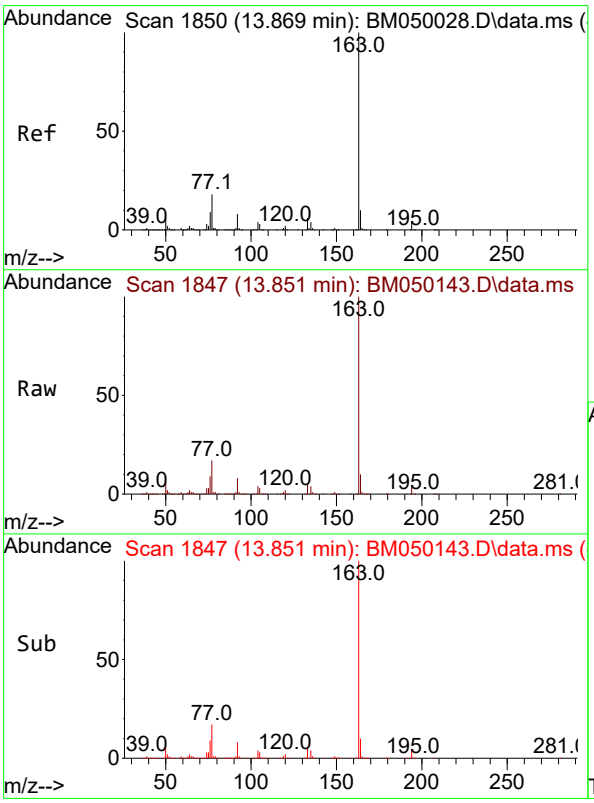
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.4	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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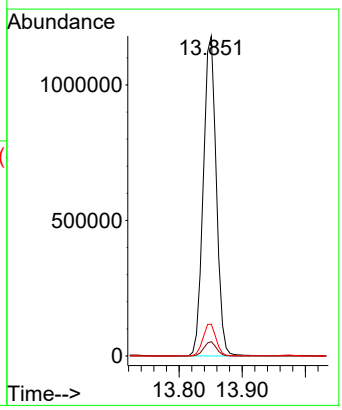
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

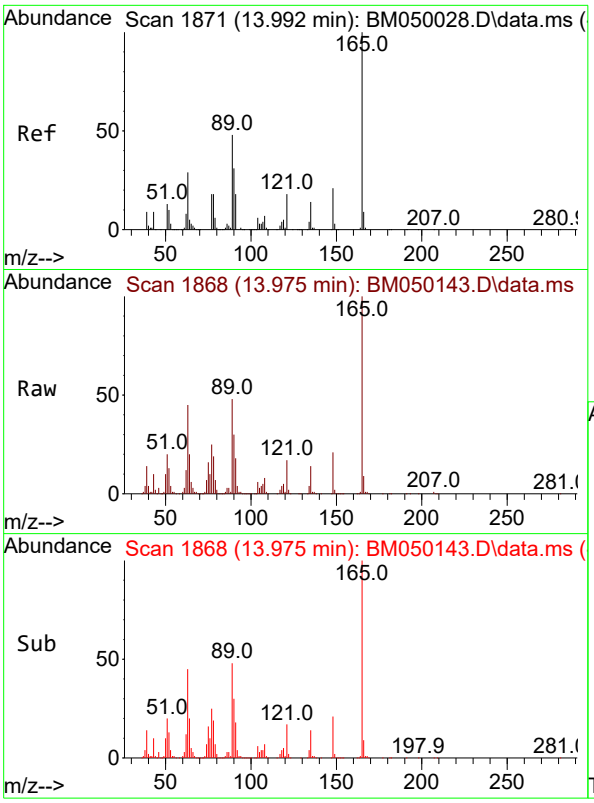


#50
Dimethylphthalate
Concen: 42.064 ng
RT: 13.851 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:163 Resp: 1687386

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.9	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 43.944 ng
RT: 13.975 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

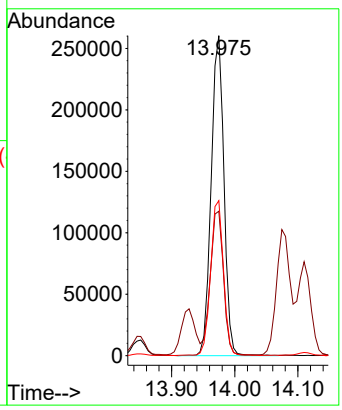
Tgt Ion:165 Resp: 36498

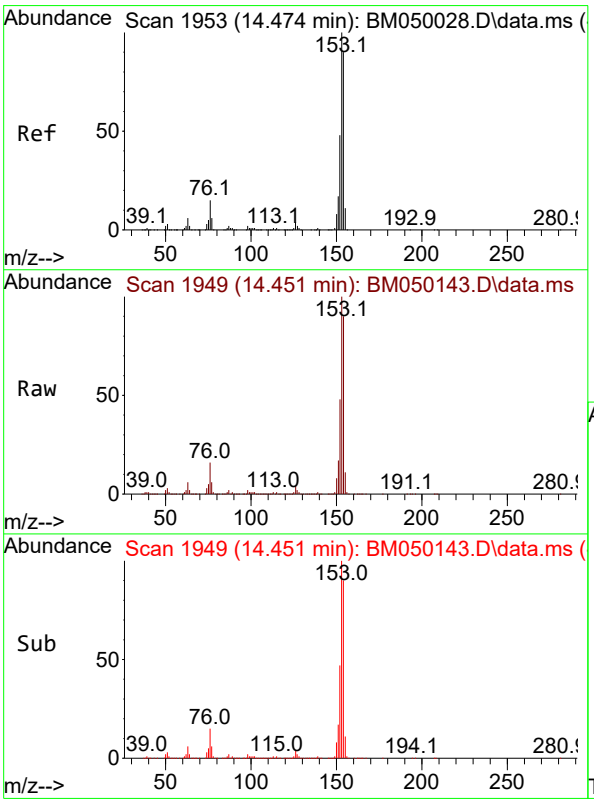
Ion	Ratio	Lower	Upper
165	100		
63	45.1	35.1	52.7
89	48.4	38.4	57.6

Instrument :
BNA_M
ClientSampleId :
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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

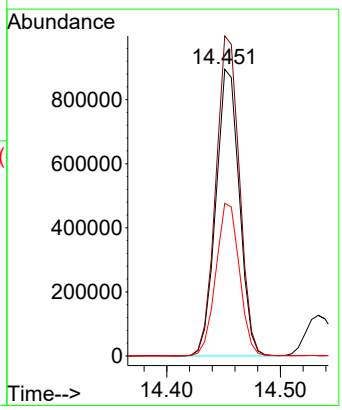


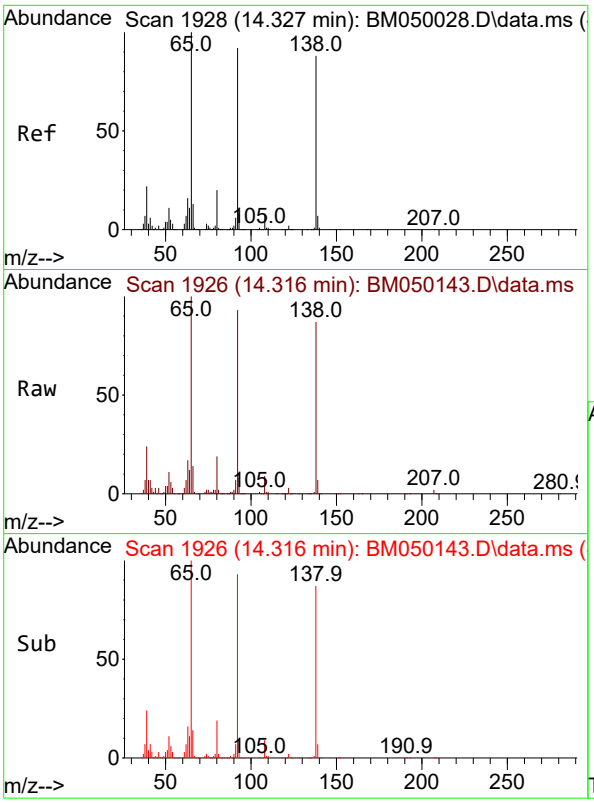


#52
Acenaphthene
Concen: 43.432 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:154 Resp: 1280948

Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.0	133.4
152	53.3	43.0	64.6





#53
3-Nitroaniline
Concen: 23.606 ng
RT: 14.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

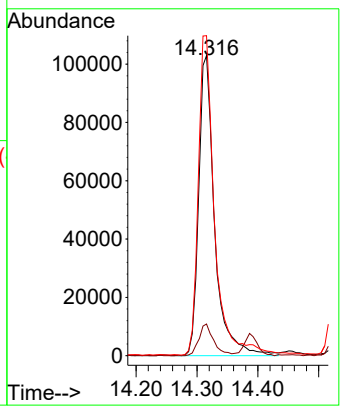
Tgt Ion:138 Resp: 18718

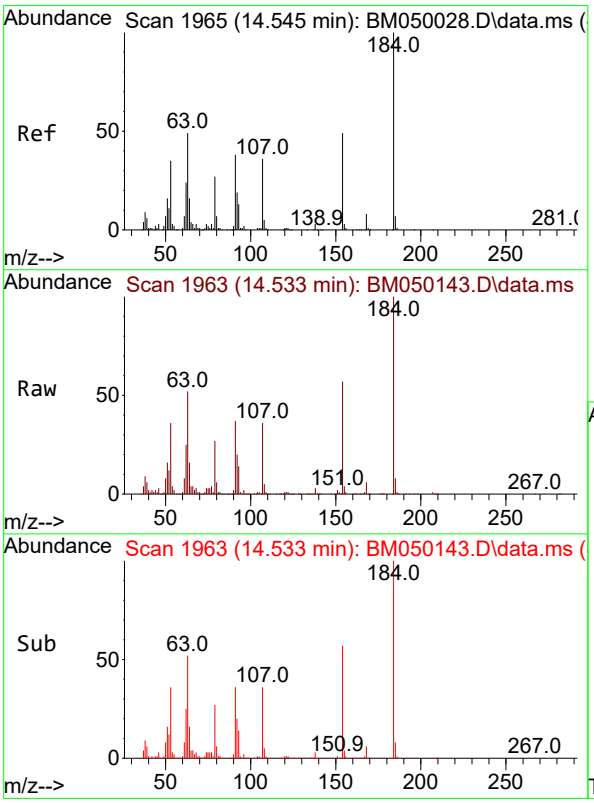
Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.4	11.2
92	106.6	84.0	126.0

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

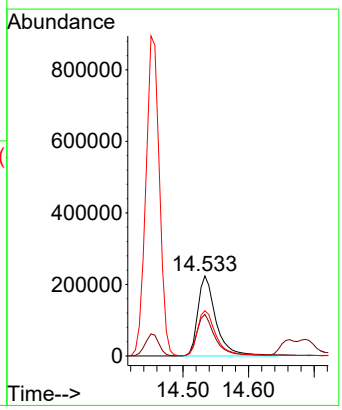


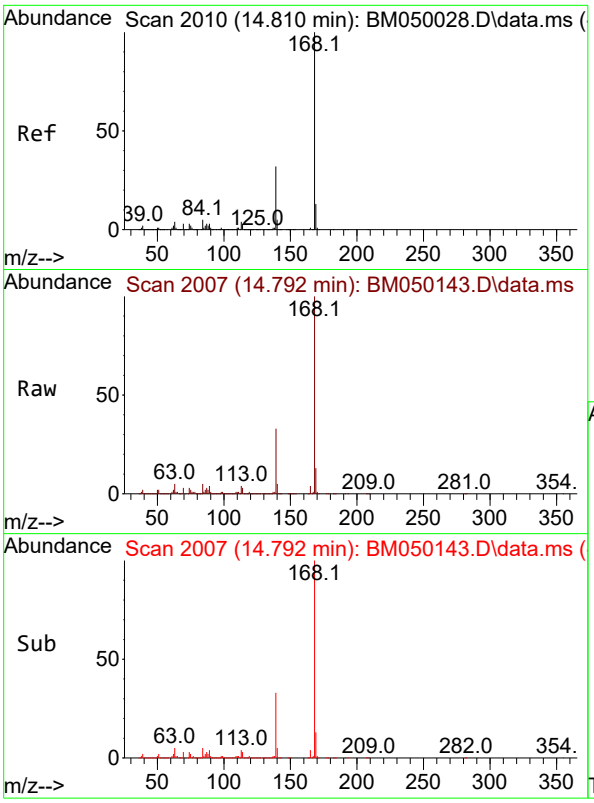


#54
2,4-Dinitrophenol
Concen: 80.951 ng
RT: 14.533 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:184 Resp: 430670

Ion	Ratio	Lower	Upper
184	100		
63	52.0	39.8	59.6
154	56.6	46.1	69.1

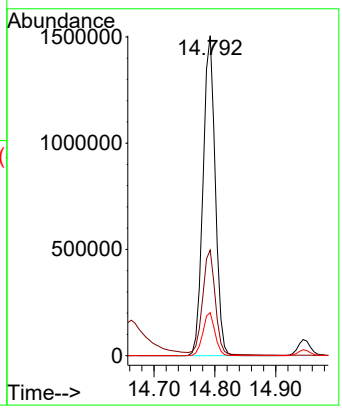




#55
Dibenzofuran
Concen: 42.639 ng
RT: 14.792 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:168 Resp: 209233

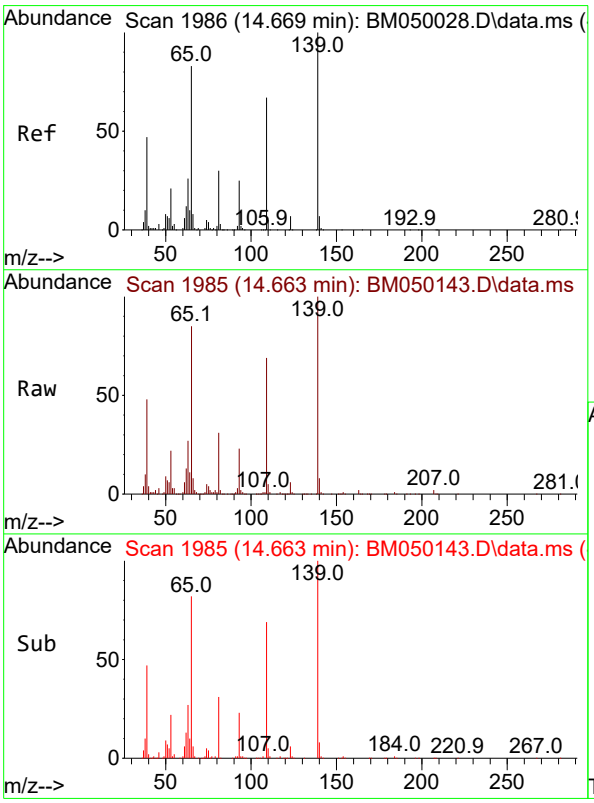
Ion	Ratio	Lower	Upper
168	100		
139	33.0	26.1	39.1
169	13.4	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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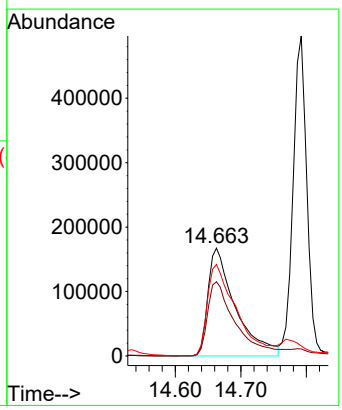
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

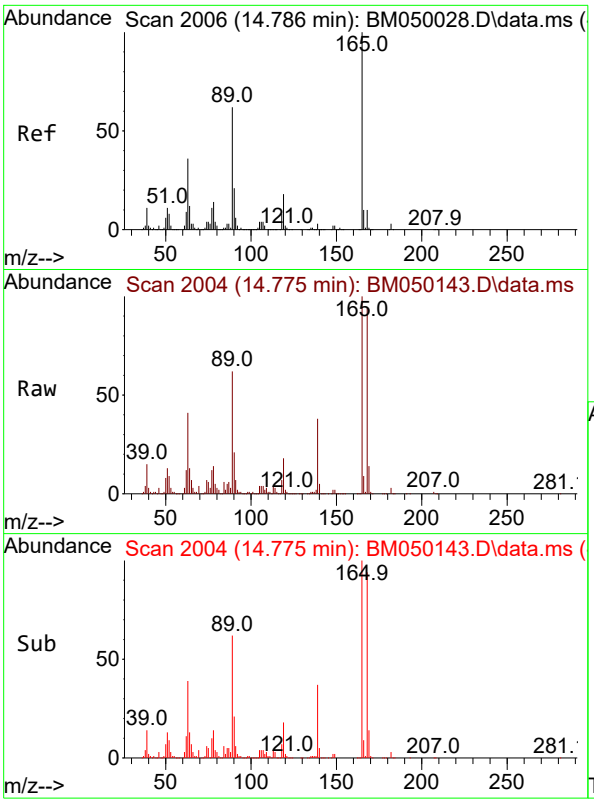


#56
4-Nitrophenol
Concen: 75.484 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:139 Resp: 485201

Ion	Ratio	Lower	Upper
139	100		
109	68.8	47.0	87.0
65	84.9	64.3	104.3

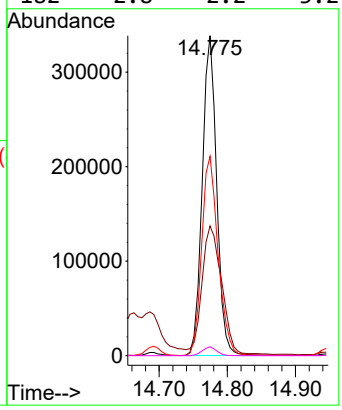




#57
2,4-Dinitrotoluene
Concen: 43.352 ng
RT: 14.775 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:165 Resp: 49753

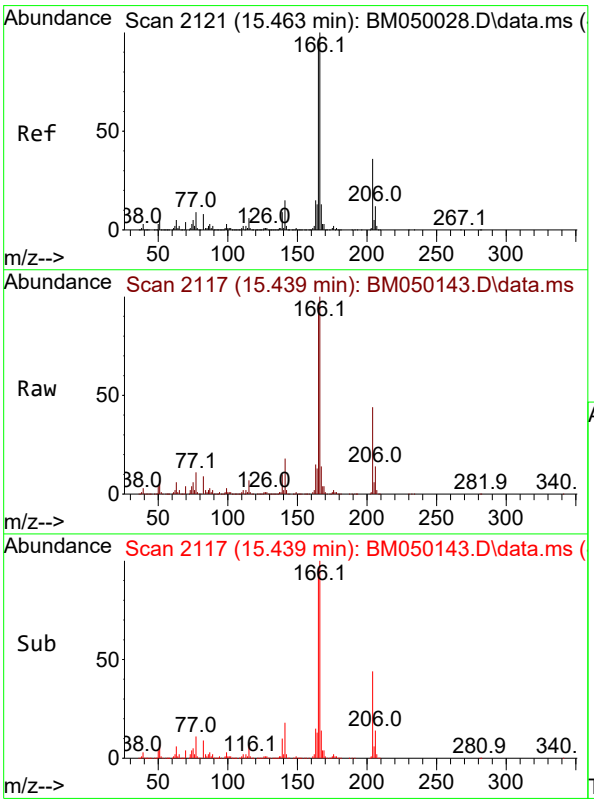
Ion	Ratio	Lower	Upper
165	100		
63	40.6	29.0	43.6
89	62.3	49.4	74.2
182	2.8	2.2	3.2



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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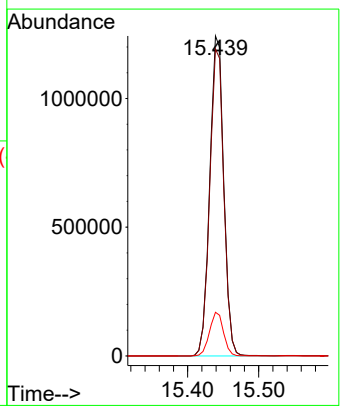
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

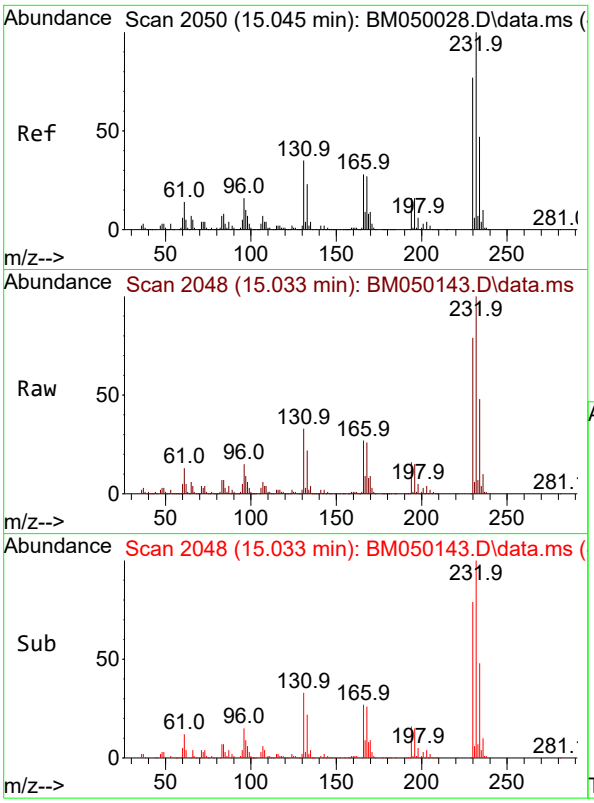


#58
Fluorene
Concen: 42.392 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:166 Resp: 1702697

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.6	115.0
167	13.7	10.6	16.0

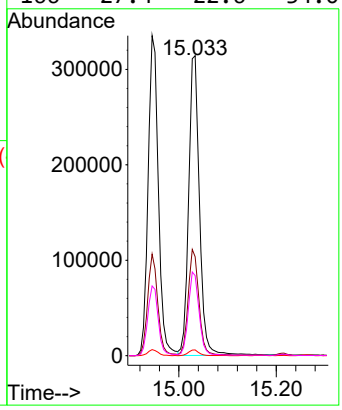




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.868 ng
RT: 15.033 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:232 Resp: 48225

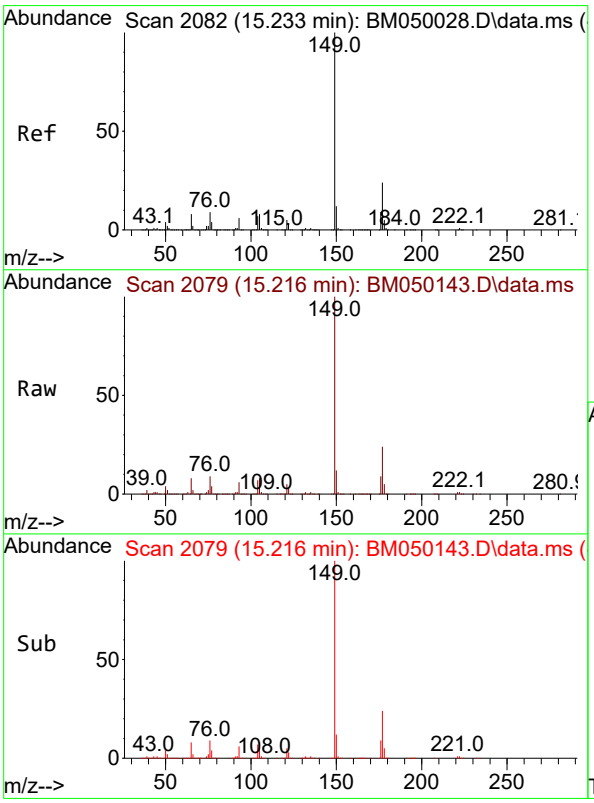
Ion	Ratio	Lower	Upper
232	100		
131	34.9	28.2	42.4
130	2.0	1.5	2.3
166	27.4	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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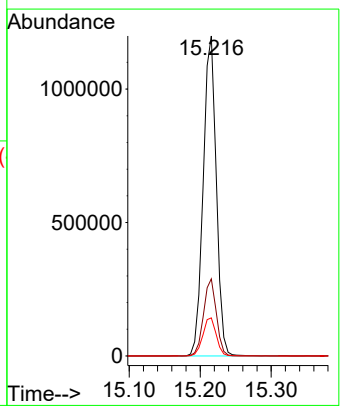
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

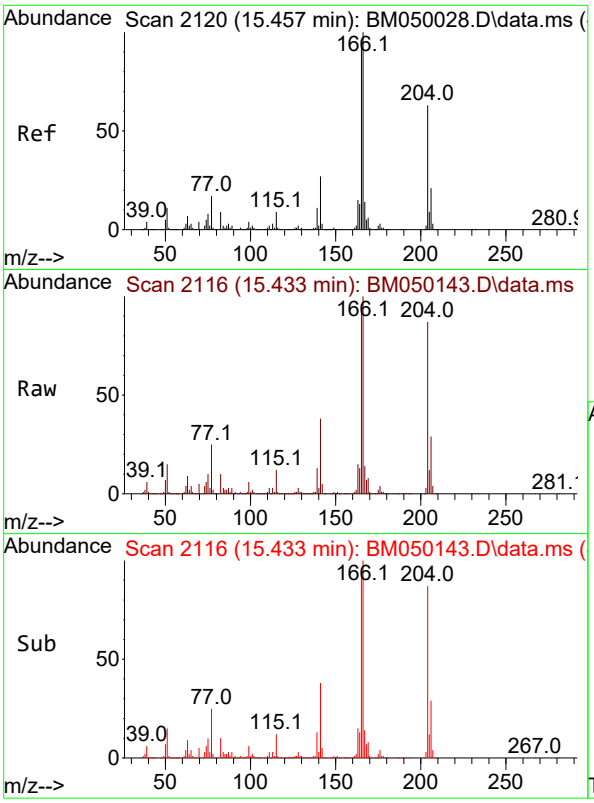


#60
Diethylphthalate
Concen: 40.672 ng
RT: 15.216 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 1537382

Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.1	28.7
150	11.9	9.6	14.4





#61
4-Chlorophenyl-phenylether
Concen: 42.723 ng
RT: 15.433 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

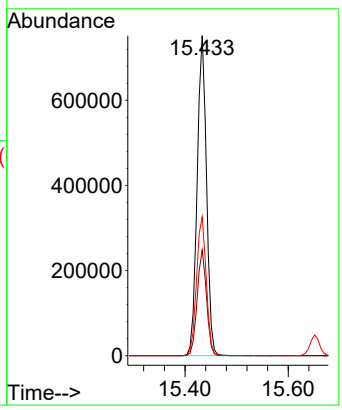
Tgt Ion:204 Resp: 94251

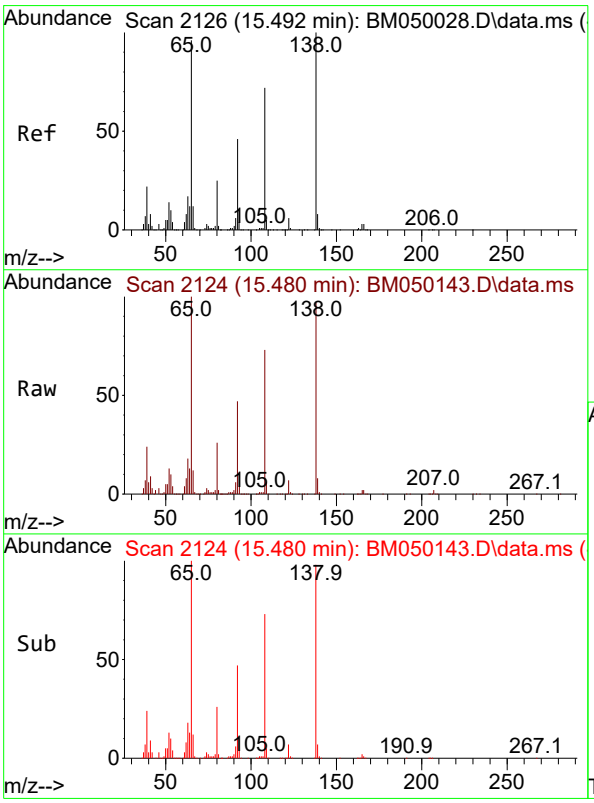
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	43.4	34.0	51.0

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

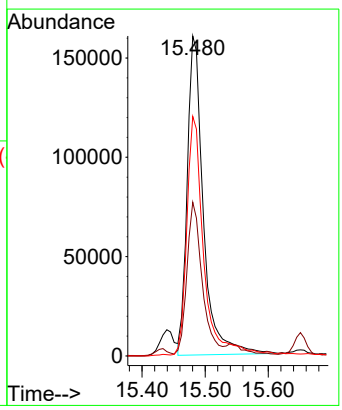


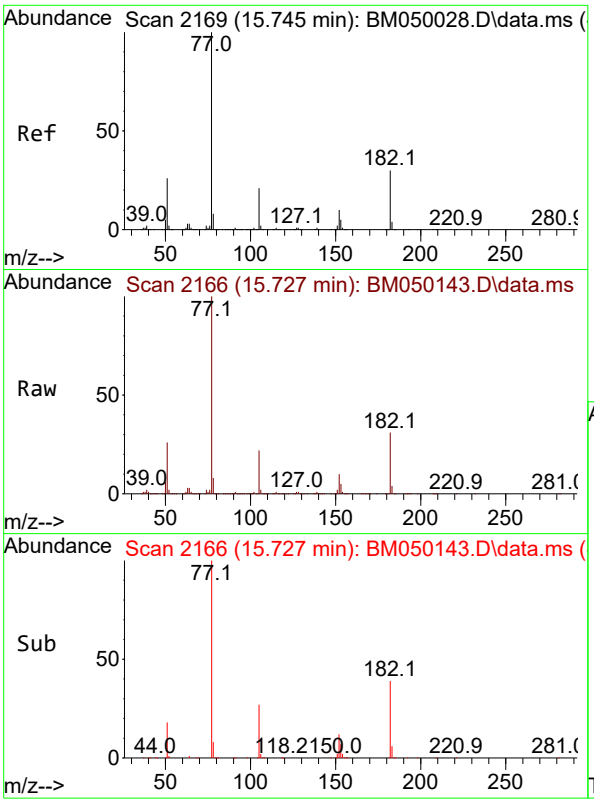


#62
4-Nitroaniline
Concen: 37.288 ng
RT: 15.480 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:138 Resp: 285268

Ion	Ratio	Lower	Upper
138	100		
92	48.0	25.9	65.9
108	74.8	52.4	92.4





#63
Azobenzene
Concen: 42.471 ng
RT: 15.727 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

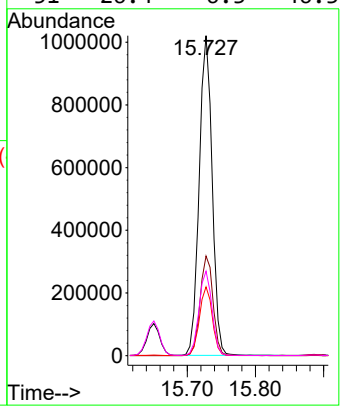
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

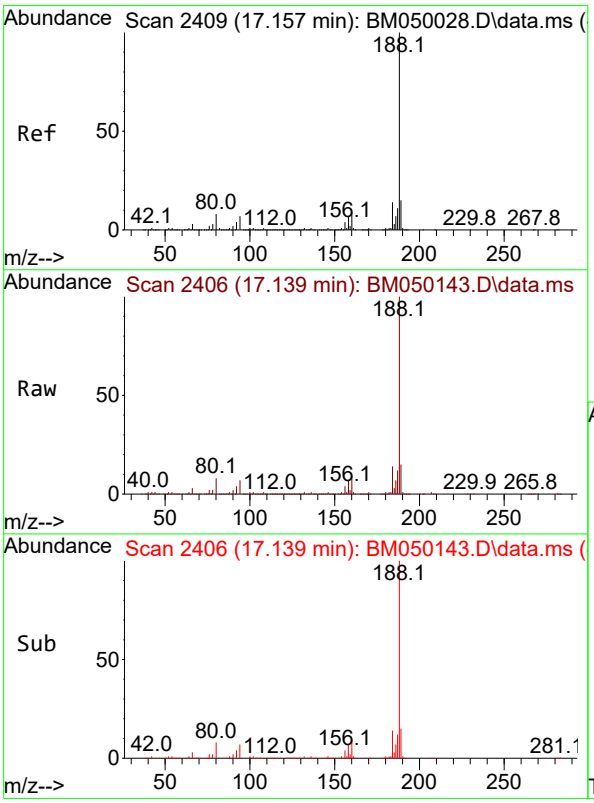
Tgt Ion: 77 Resp: 134541

Ion	Ratio	Lower	Upper
77	100		
182	31.2	10.5	50.5
105	21.5	1.1	41.1
51	26.4	6.3	46.3

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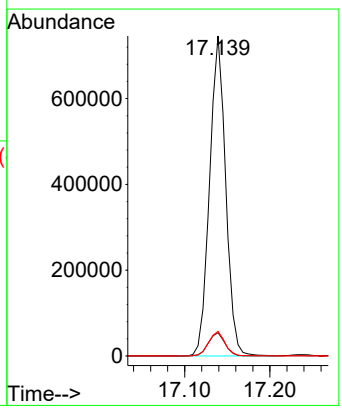


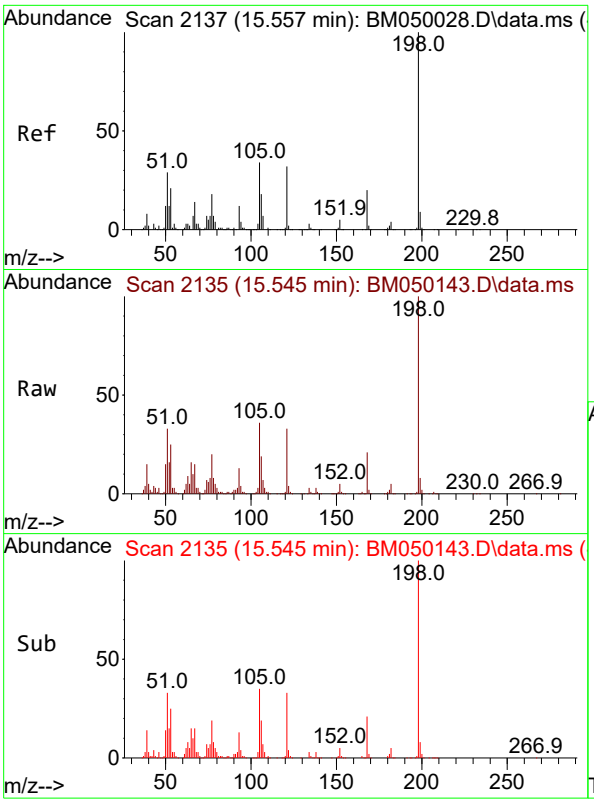


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:188 Resp: 982803

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.7	8.5
80	7.7	6.2	9.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.488 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

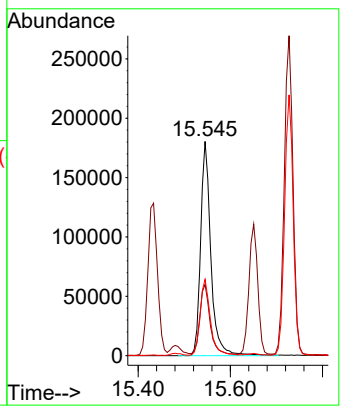
Instrument :
BNA_M
ClientSampleId :
PB167889BSD

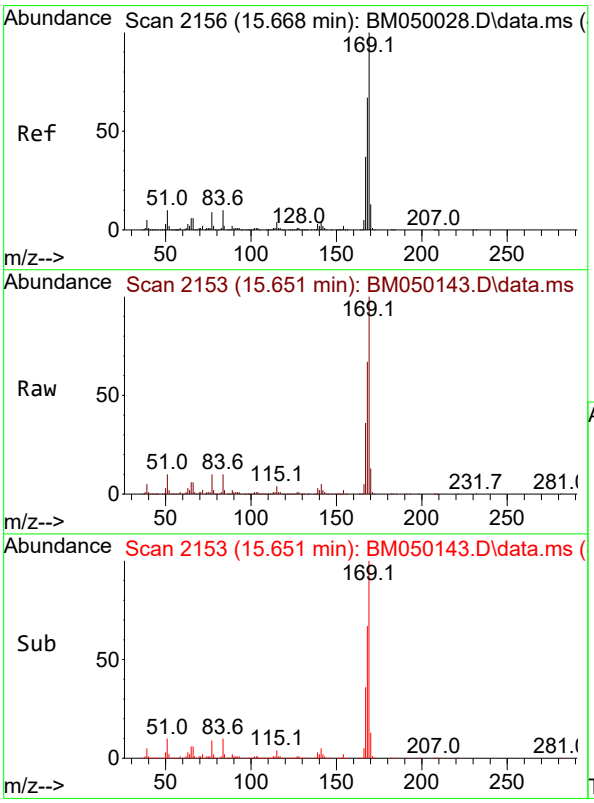
Tgt Ion:198 Resp: 279844

Ion	Ratio	Lower	Upper
198	100		
51	33.3	10.4	50.4
105	35.6	14.6	54.6

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Supervised By :Jagrut Upadhyay 05/09/2025

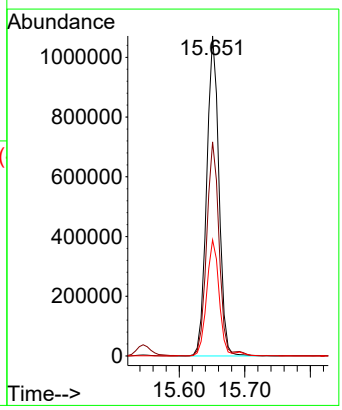


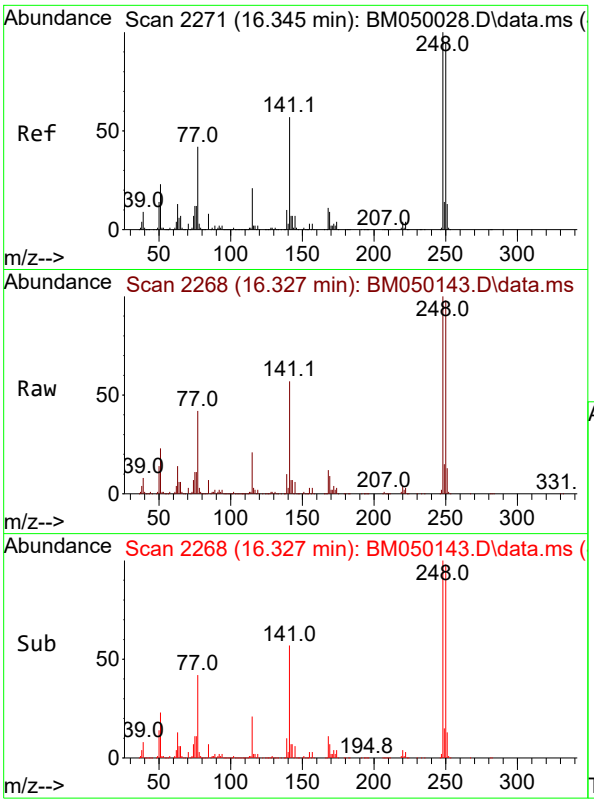


#66
n-Nitrosodiphenylamine
Concen: 46.156 ng
RT: 15.651 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:169 Resp: 1392965

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.4	80.2
167	36.2	29.4	44.0





#67
4-Bromophenyl-phenylether
Concen: 45.638 ng
RT: 16.327 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

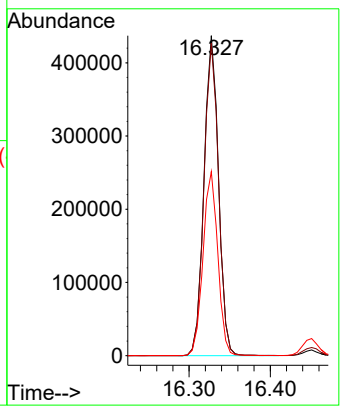
Tgt Ion:248 Resp: 54239

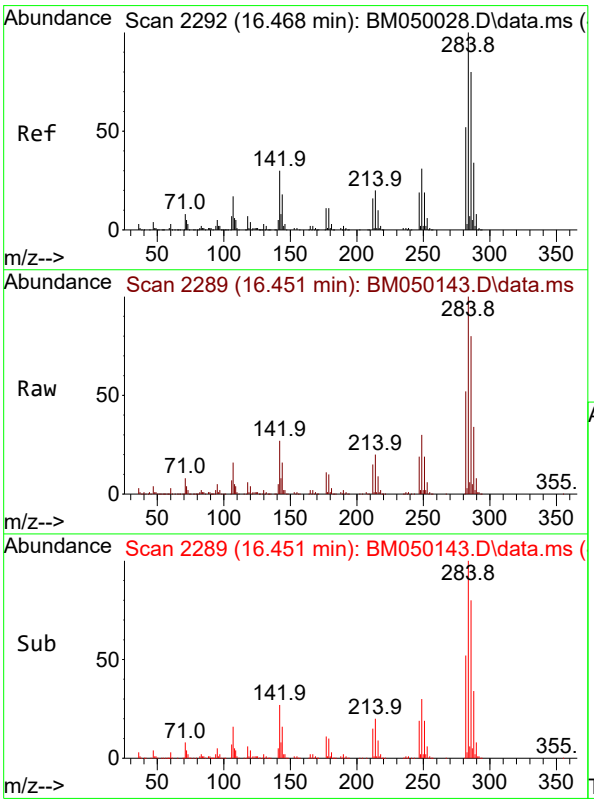
Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.2	114.2
141	57.5	45.9	68.9

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

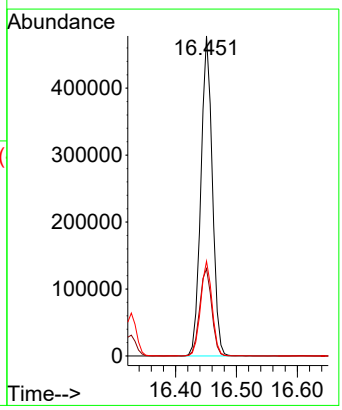


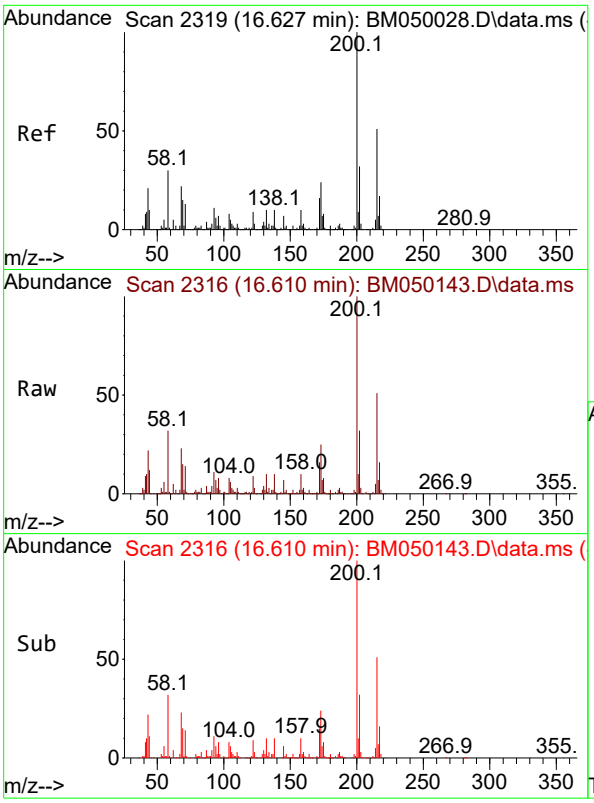


#68
Hexachlorobenzene
Concen: 45.623 ng
RT: 16.451 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:284 Resp: 625015

Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.9	35.9
249	29.6	24.5	36.7





#69
Atrazine
Concen: 43.989 ng
RT: 16.610 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

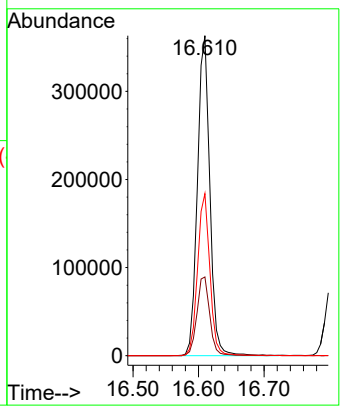
Tgt Ion:200 Resp: 47886

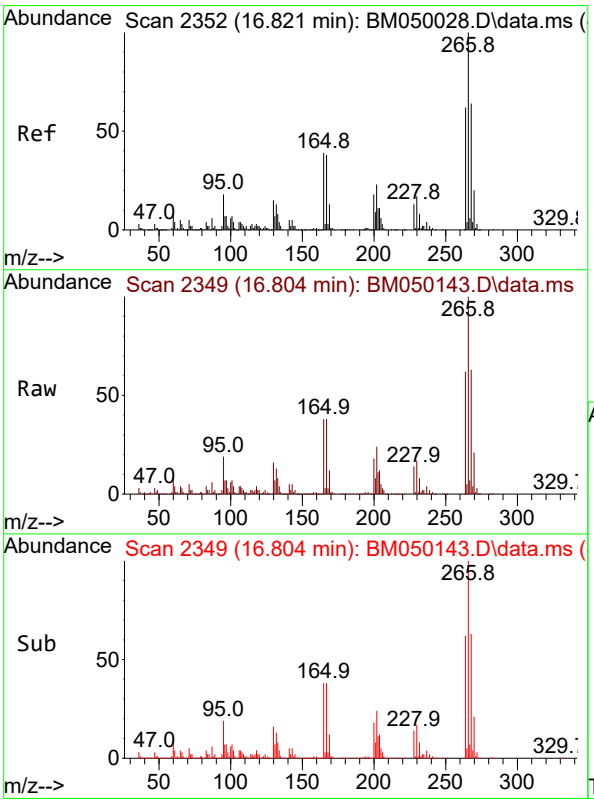
Ion	Ratio	Lower	Upper
200	100		
173	24.6	4.3	44.3
215	50.6	30.6	70.6

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

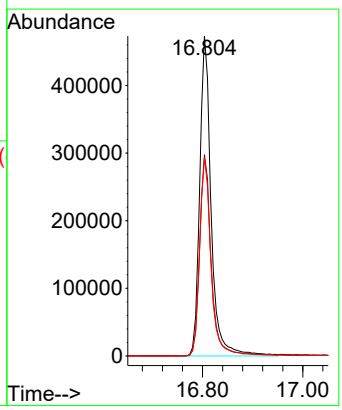


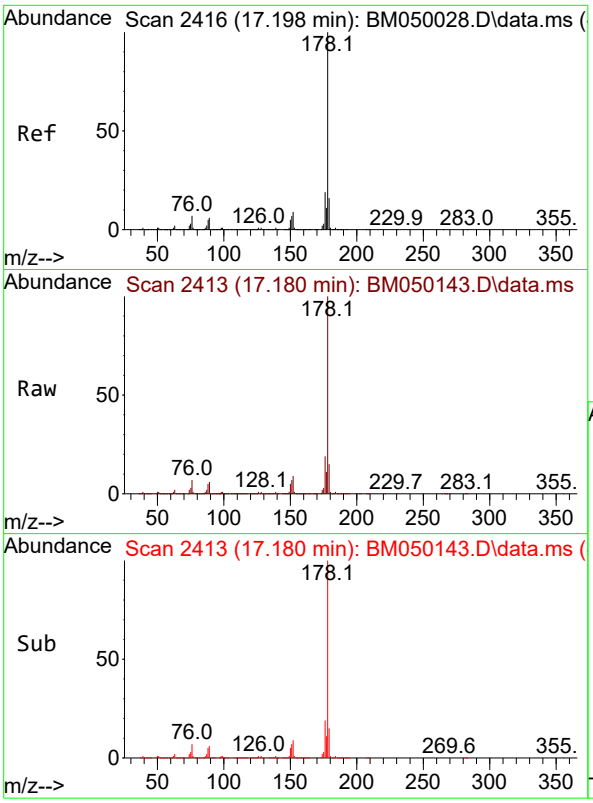


#70
Pentachlorophenol
Concen: 97.091 ng
RT: 16.804 min Scan# 2349
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:266 Resp: 748706

Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.2	76.8
264	62.1	49.6	74.4





#71
Phenanthrene
Concen: 44.316 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

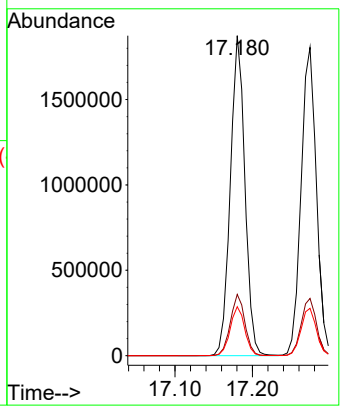
Tgt Ion:178 Resp: 245647

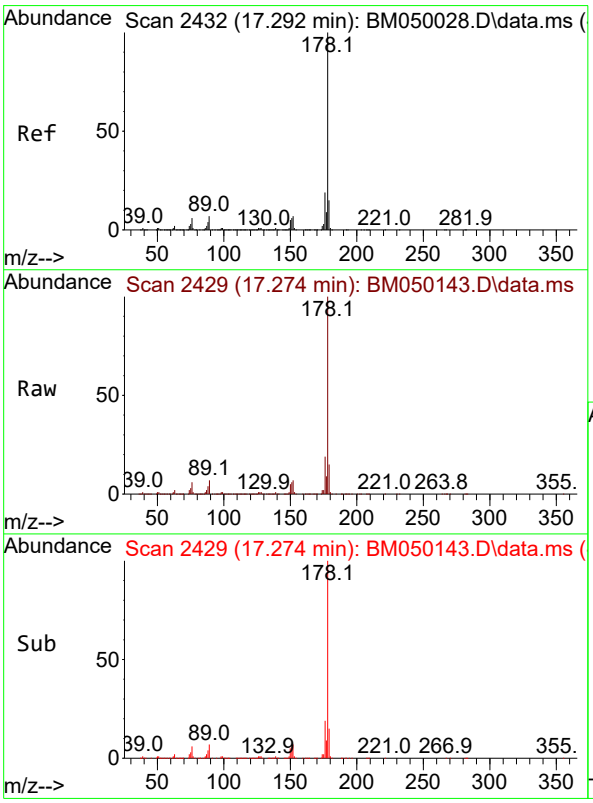
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

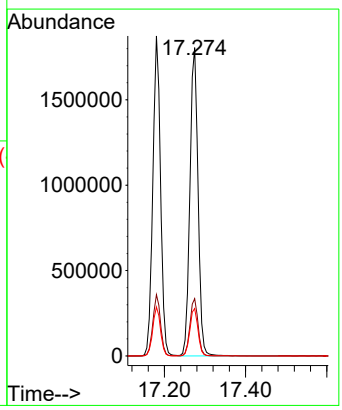


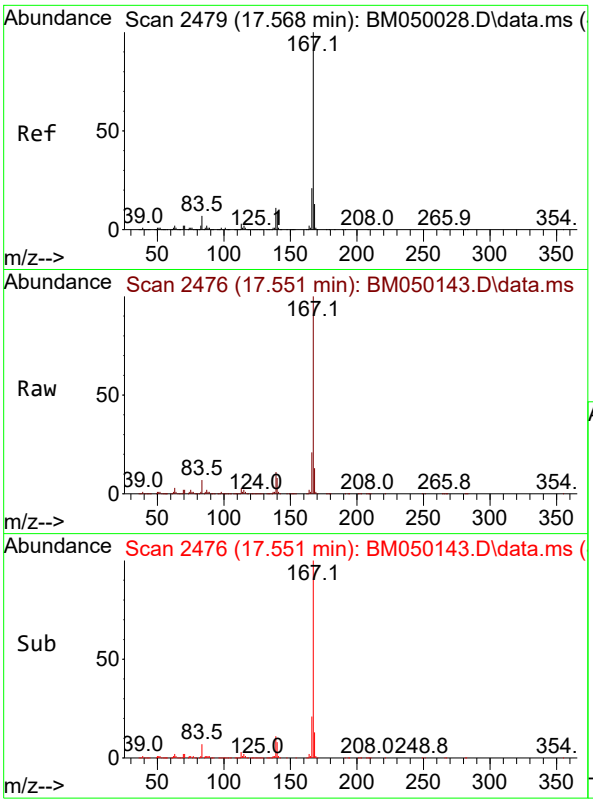


#72
Anthracene
Concen: 44.573 ng
RT: 17.274 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:178 Resp: 2500364

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.2	18.4





#73
Carbazole
Concen: 44.019 ng
RT: 17.551 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

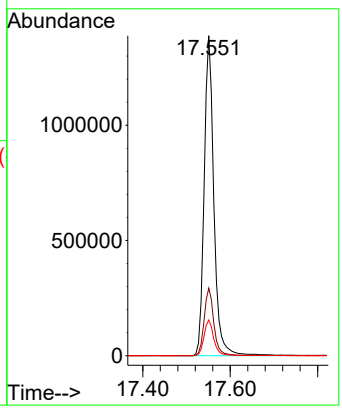
Tgt Ion:167 Resp: 214272

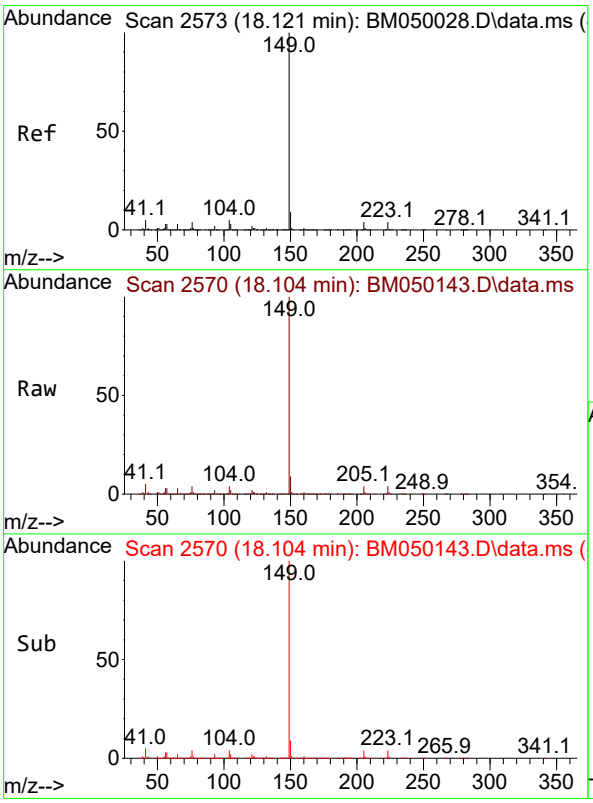
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	11.2	9.0	13.6

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

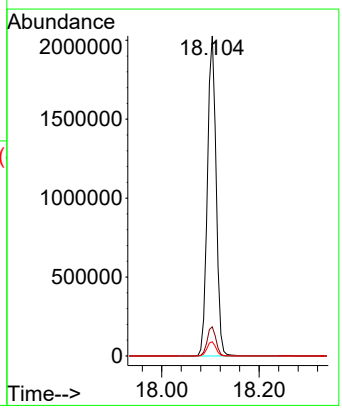


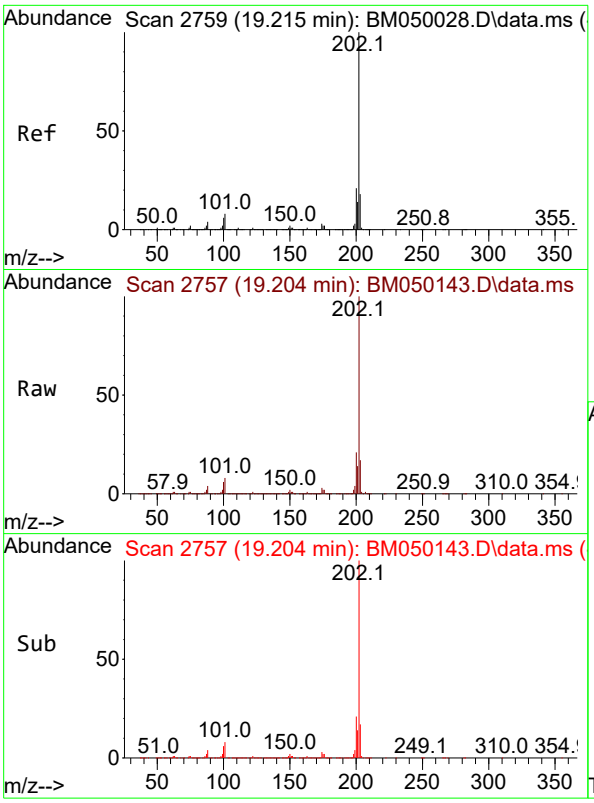


#74
Di-n-butylphthalate
Concen: 43.142 ng
RT: 18.104 min Scan# 2570
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 2500884

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.5	3.8	5.6

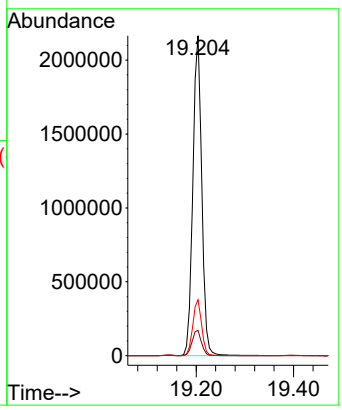




#75
Fluoranthene
Concen: 42.525 ng
RT: 19.204 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:202 Resp: 276752

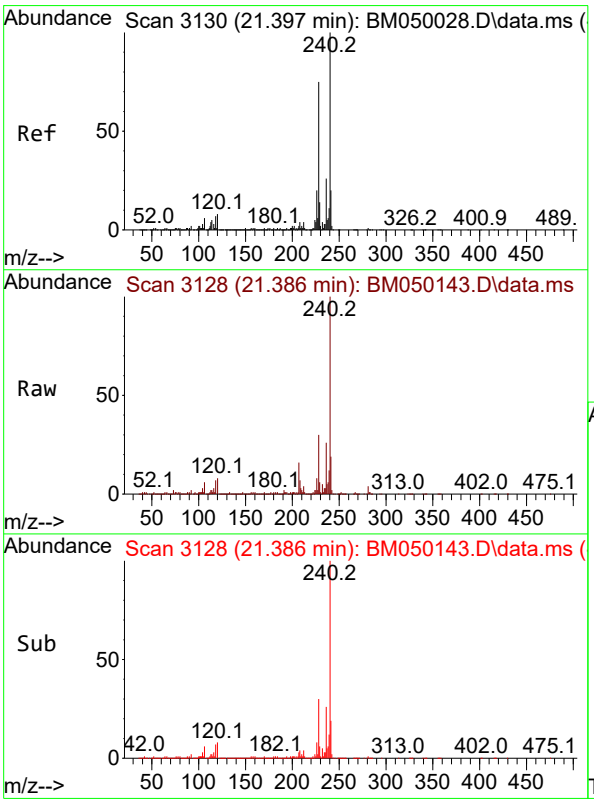
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.0
203	17.5	0.0	37.7



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

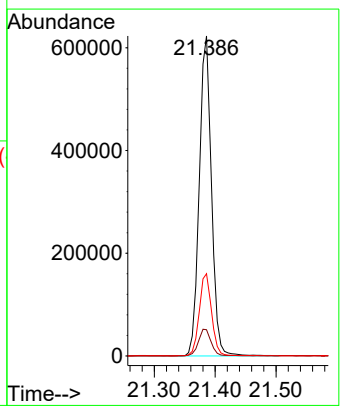
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

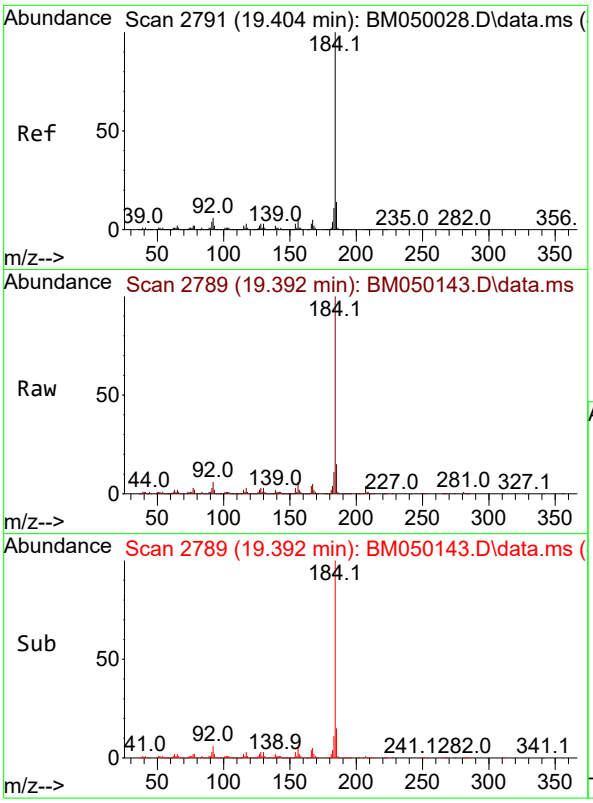


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:240 Resp: 868474

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.5	9.7
236	25.7	20.9	31.3

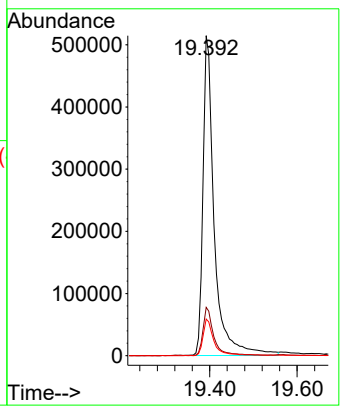




#77
Benzidine
Concen: 30.033 ng
RT: 19.392 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:184 Resp: 92647

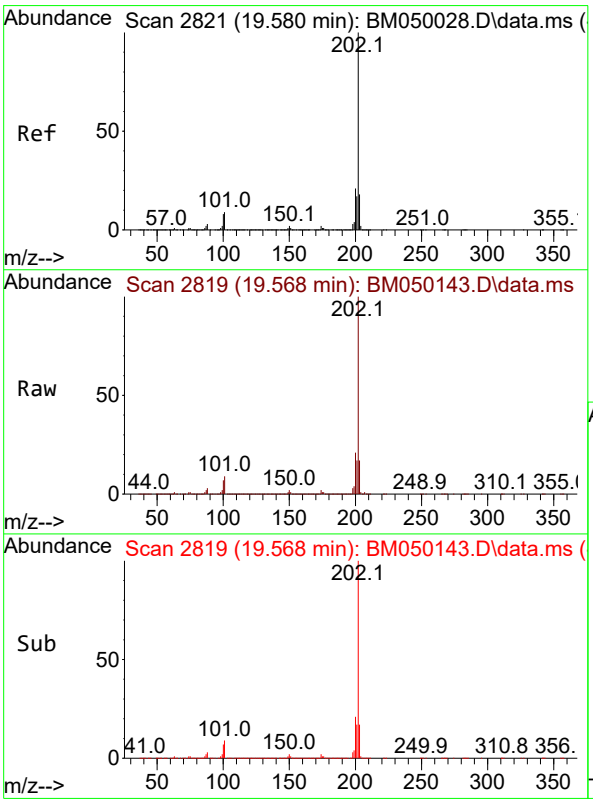
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.5	17.3
183	11.4	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

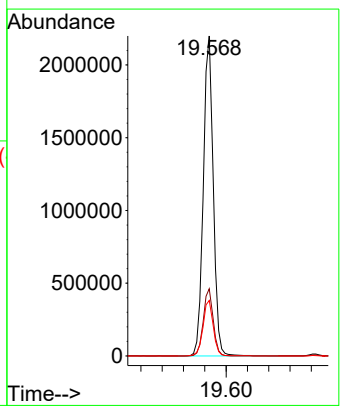
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

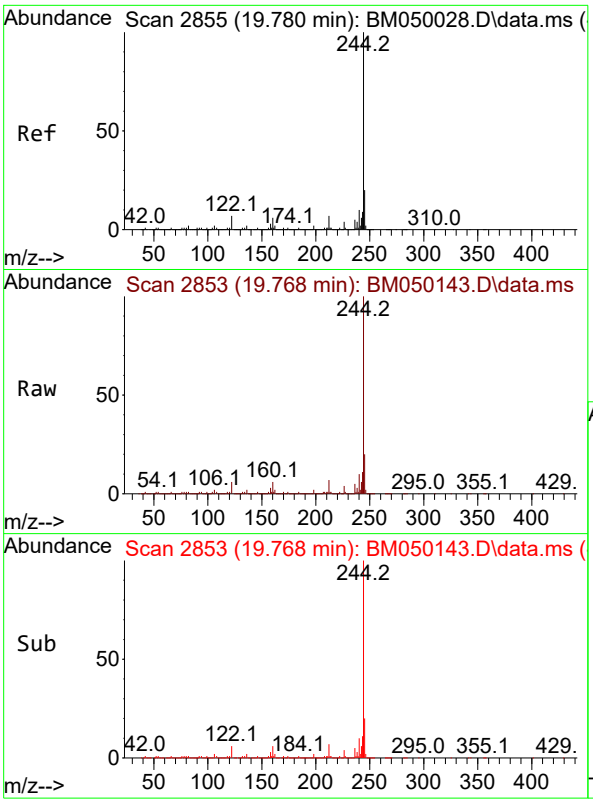


#78
Pyrene
Concen: 46.545 ng
RT: 19.568 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:202 Resp: 2838617

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.4	14.1	21.1

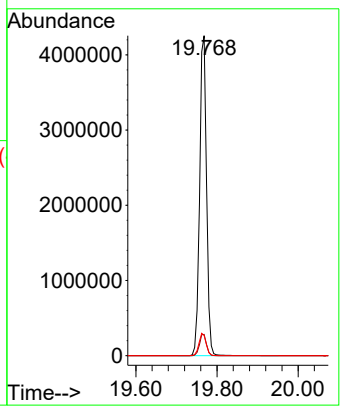




#79
Terphenyl-d14
Concen: 85.821 ng
RT: 19.768 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:244 Resp: 503693

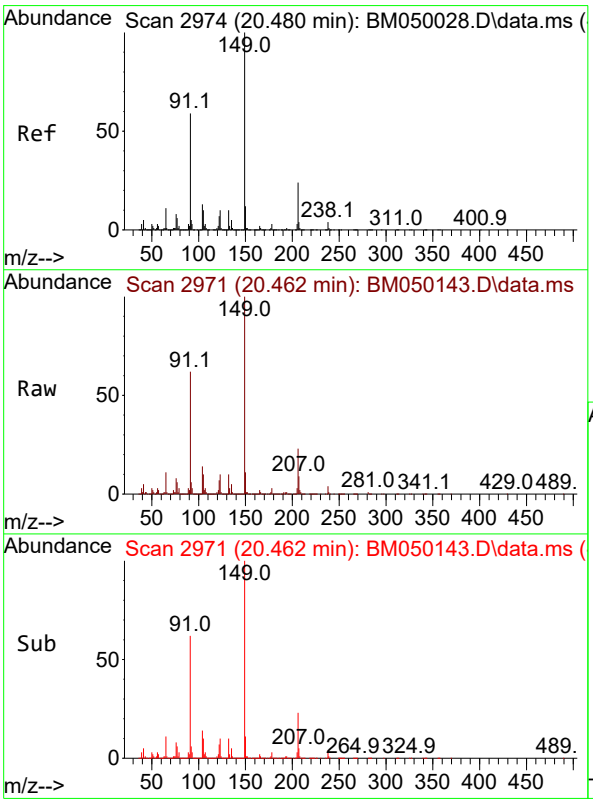
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	6.3	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

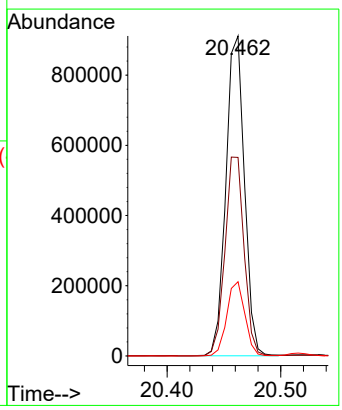
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

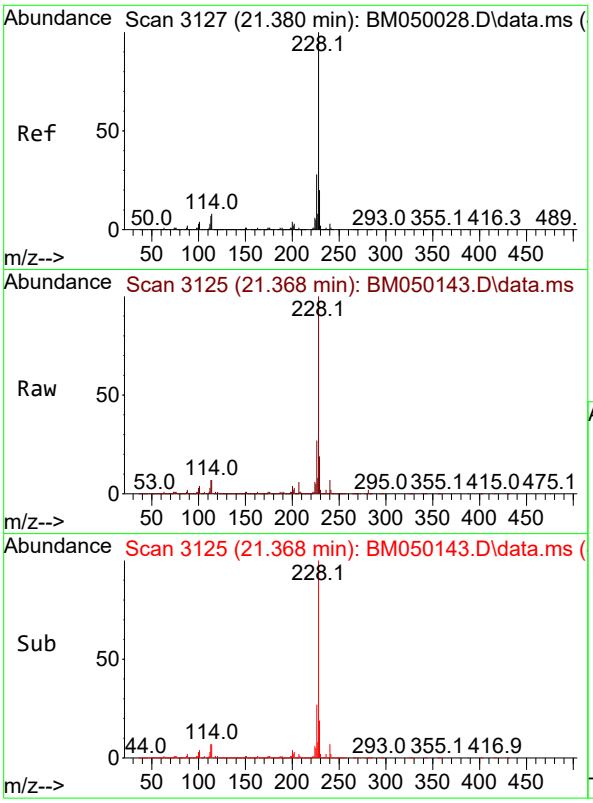


#80
Butylbenzylphthalate
Concen: 45.291 ng
RT: 20.462 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 1034547

Ion	Ratio	Lower	Upper
149	100		
91	62.1	47.4	71.2
206	23.2	19.4	29.0

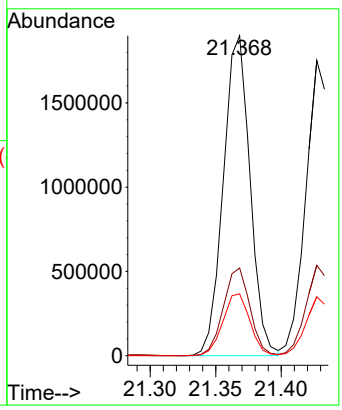




#81
Benzo(a)anthracene
Concen: 45.030 ng
RT: 21.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:228 Resp: 269304

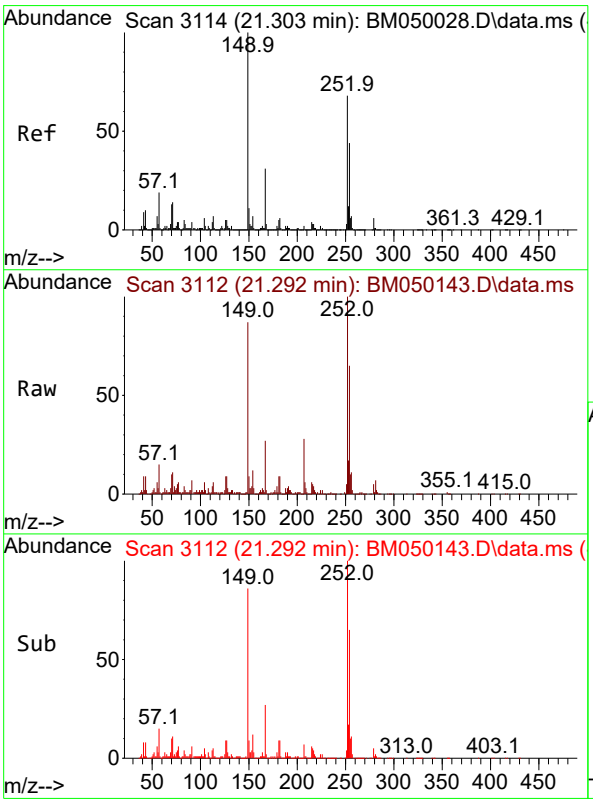
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.3	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

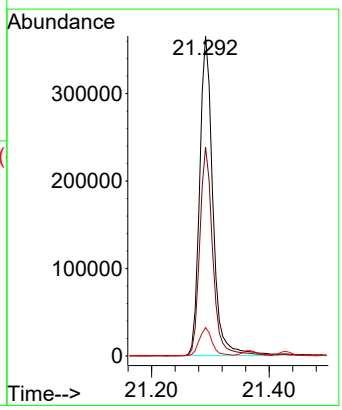
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

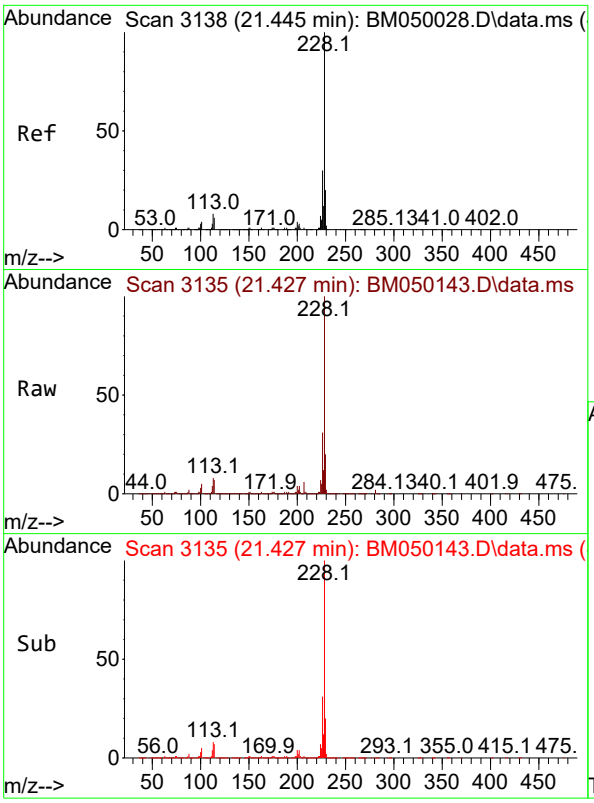


#82
3,3'-Dichlorobenzidine
Concen: 24.952 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:252 Resp: 571243

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	8.9	6.0	9.0

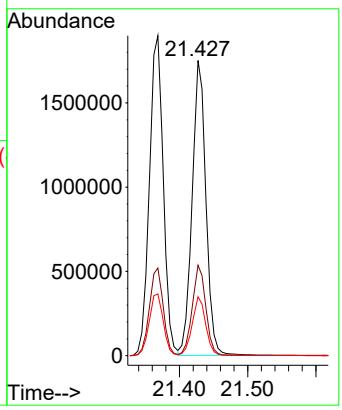




#83
Chrysene
Concen: 44.297 ng
RT: 21.427 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:228 Resp: 245190

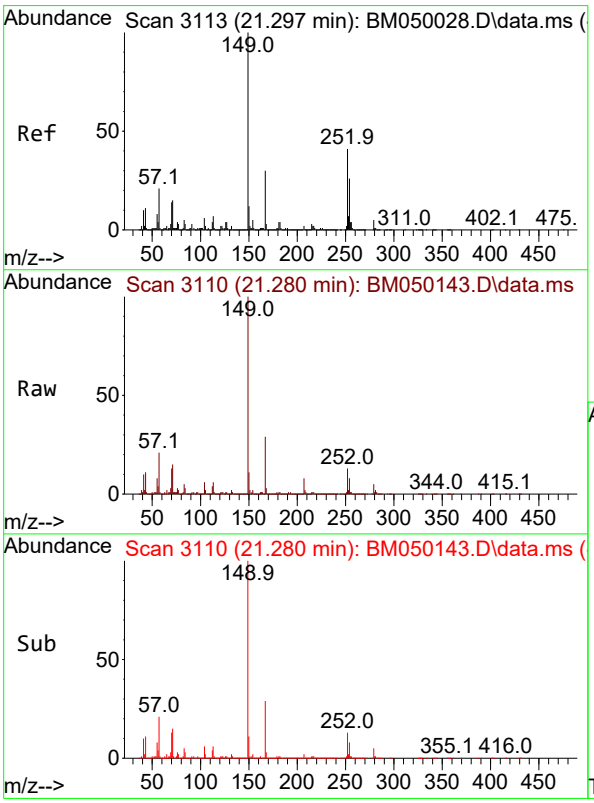
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	19.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

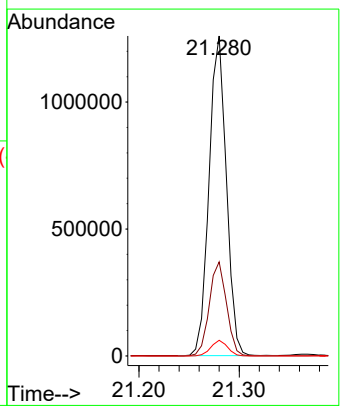
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

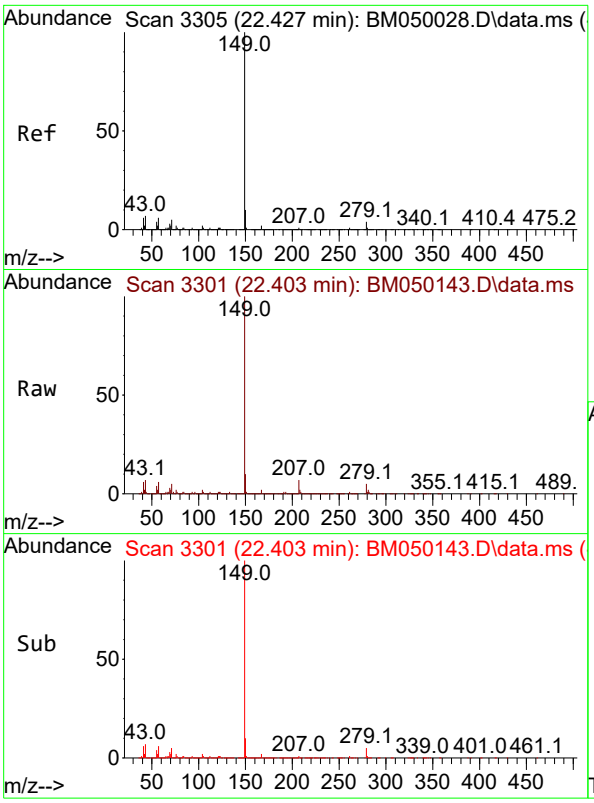


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.196 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 1507874

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.1	36.1
279	4.9	3.9	5.9

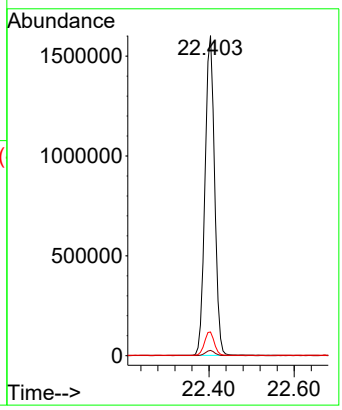




#85
Di-n-octyl phthalate
Concen: 44.353 ng
RT: 22.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:149 Resp: 249554

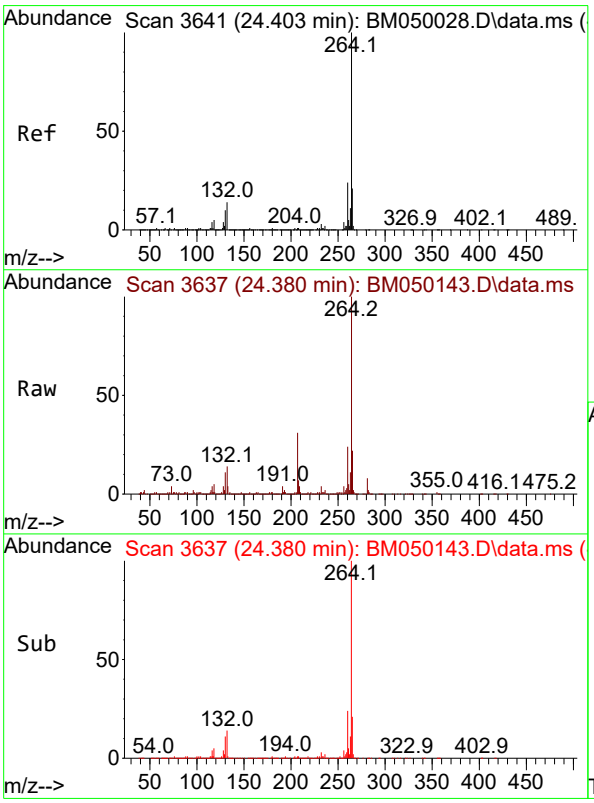
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

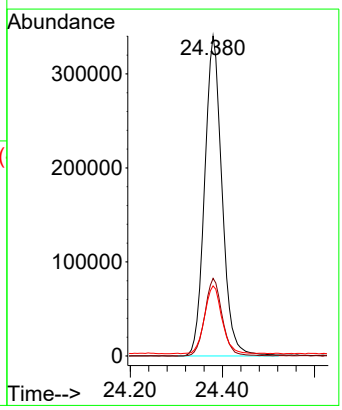
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

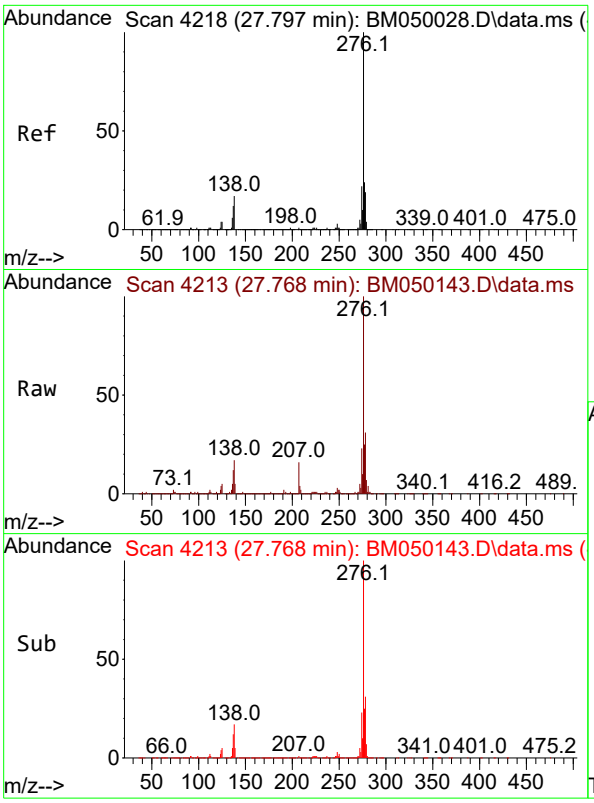


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.380 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:264 Resp: 893841

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.9	17.0	25.4

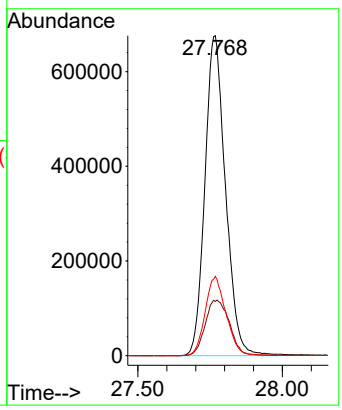




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.211 ng
RT: 27.768 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:276 Resp: 334416

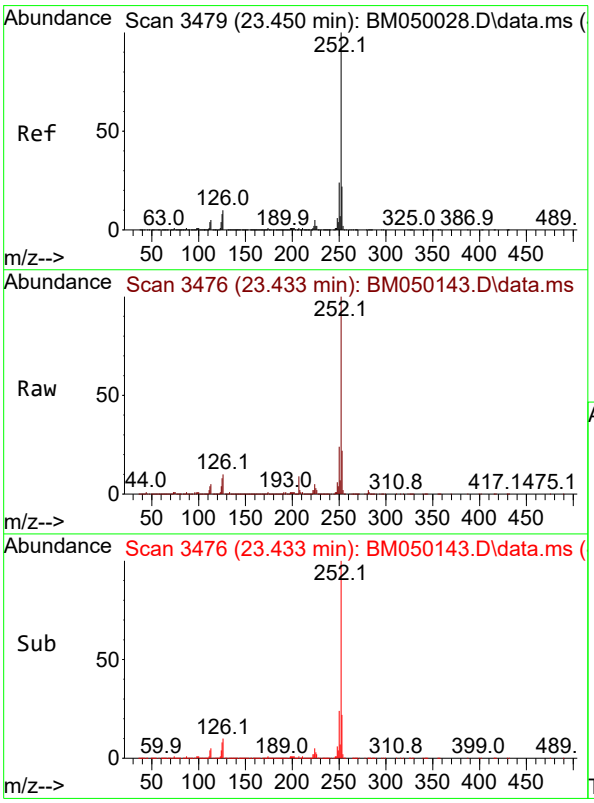
Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.4	24.6
277	25.1	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

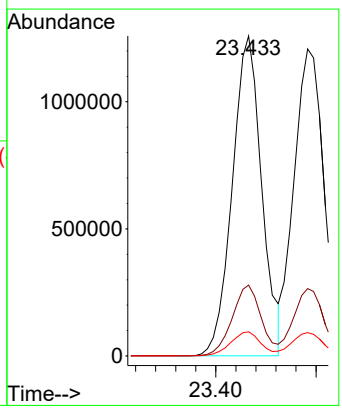
Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

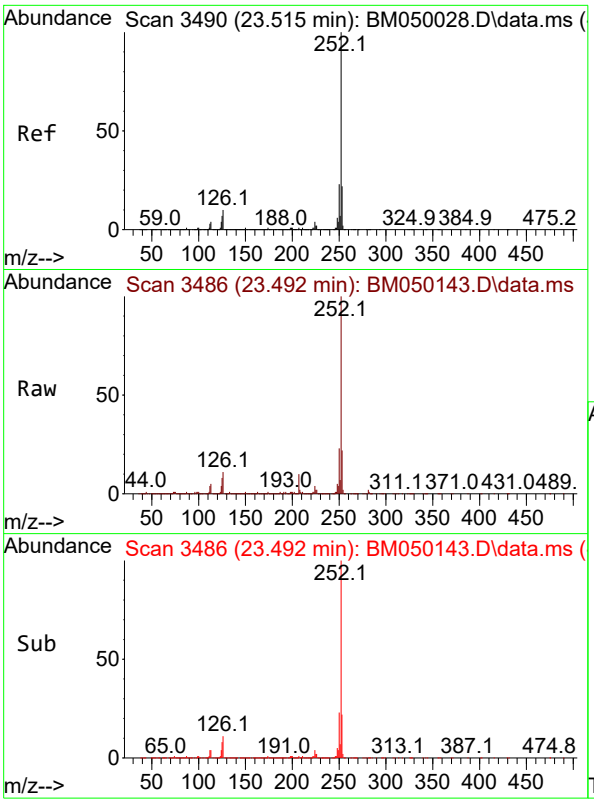


#88
Benzo(b)fluoranthene
Concen: 44.142 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:252 Resp: 2565912

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.6	6.1	9.1





#89
Benzo(k)fluoranthene
Concen: 43.098 ng
RT: 23.492 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

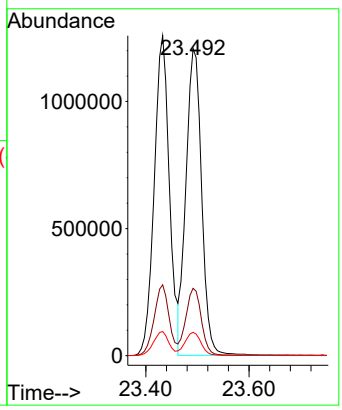
Tgt Ion:252 Resp: 253416

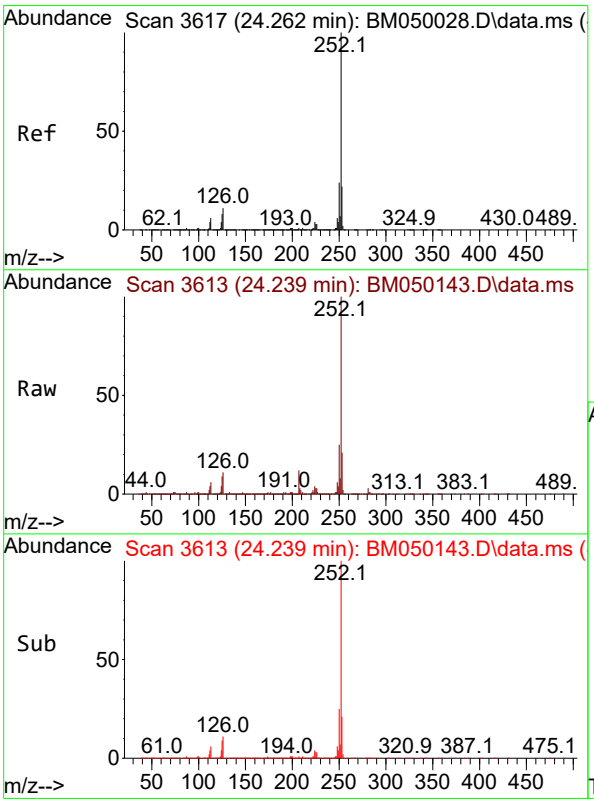
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.6	5.8	8.8

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

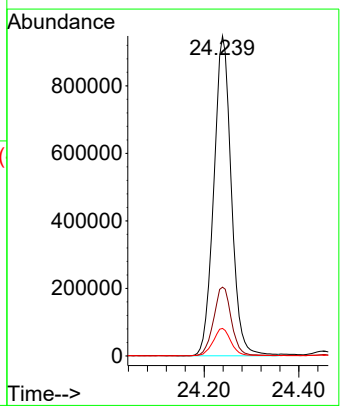


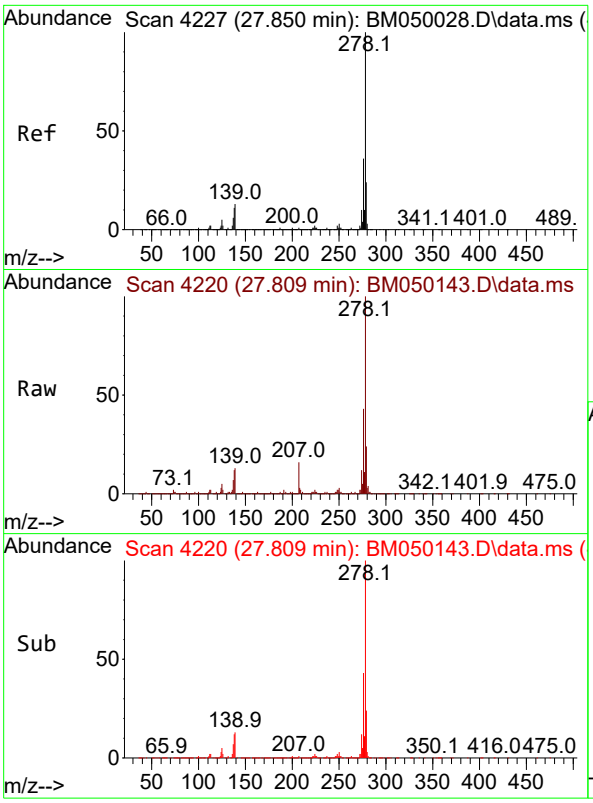


#90
Benzo(a)pyrene
Concen: 44.598 ng
RT: 24.239 min Scan# 3613
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:252 Resp: 2428116

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	8.6	6.6	9.8





#91
Dibenzo(a,h)anthracene
Concen: 50.370 ng
RT: 27.809 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

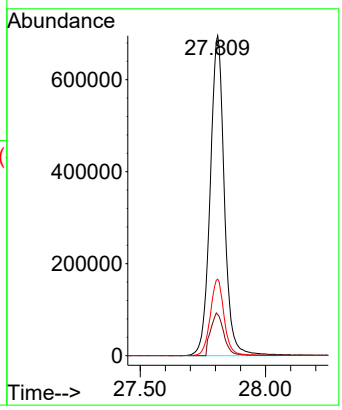
Tgt Ion:278 Resp: 273469

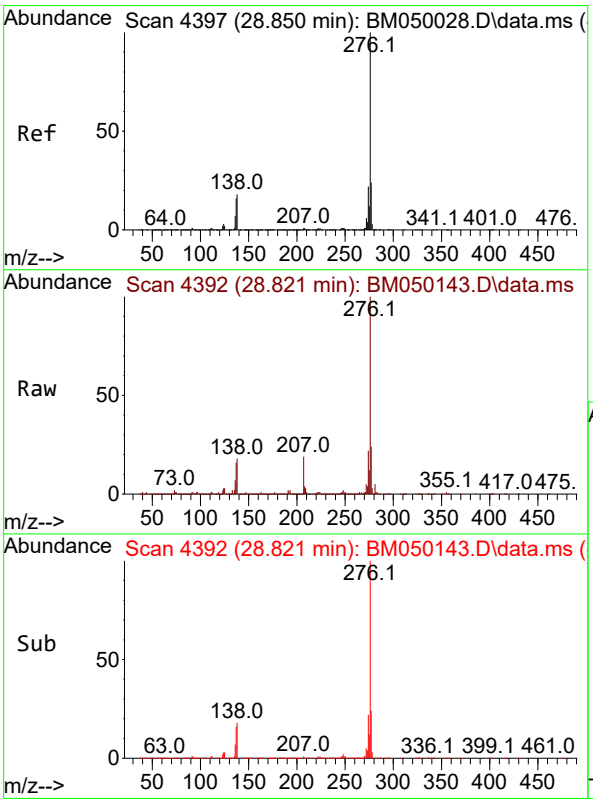
Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.5	15.7
279	23.9	19.4	29.0

Instrument :
BNA_M
ClientSampleId :
PB167889BSD

Manual Integrations
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Reviewed By :Rahul Chavli 05/09/2025
Supervised By :Jagrut Upadhyay 05/09/2025

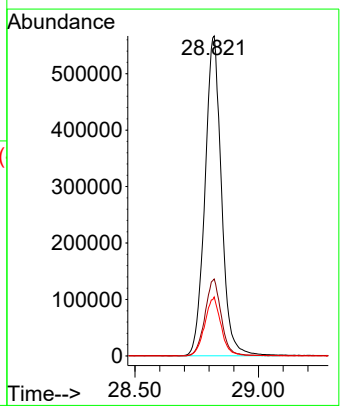




#92
Benzo(g,h,i)perylene
Concen: 50.422 ng
RT: 28.821 min Scan# 4392
Delta R.T. -0.006 min
Lab File: BM050143.D
Acq: 08 May 2025 12:39

Tgt Ion:276 Resp: 2620801

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	18.4	14.3	21.5



Raw Data: **BP024551.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024551.D	1	05/06/25 09:25	05/06/25 17:48	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		170	350	ug/Kg
108-95-2	Phenol	1700		23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		25.9	180	ug/Kg
95-57-8	2-Chlorophenol	1700		26.0	180	ug/Kg
95-48-7	2-Methylphenol	1800		31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		40.0	180	ug/Kg
98-86-2	Acetophenone	1600		31.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	1800		43.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		50.6	85.3	ug/Kg
67-72-1	Hexachloroethane	1700		18.8	180	ug/Kg
98-95-3	Nitrobenzene	1600		19.5	180	ug/Kg
78-59-1	Isophorone	1700		35.0	180	ug/Kg
88-75-5	2-Nitrophenol	1800		62.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		69.1	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		30.2	180	ug/Kg
91-20-3	Naphthalene	1600		24.2	180	ug/Kg
106-47-8	4-Chloroaniline	910		37.8	180	ug/Kg
87-68-3	Hexachlorobutadiene	1800		27.0	180	ug/Kg
105-60-2	Caprolactam	1700		55.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	1500		27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		31.0	180	ug/Kg
92-52-4	1,1-Biphenyl	1600		23.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1700		24.0	180	ug/Kg
88-74-4	2-Nitroaniline	1900		51.3	180	ug/Kg
131-11-3	Dimethylphthalate	1700		28.9	180	ug/Kg

Raw Data: **BP024551.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024551.D	1	05/06/25 09:25	05/06/25 17:48	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1800		30.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		35.8	180	ug/Kg
99-09-2	3-Nitroaniline	1700		49.1	180	ug/Kg
83-32-9	Acenaphthene	1600		22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3600	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1600		24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		53.4	180	ug/Kg
84-66-2	Diethylphthalate	1700		30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		28.5	180	ug/Kg
86-73-7	Fluorene	1700		27.0	180	ug/Kg
100-01-6	4-Nitroaniline	1700		68.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		29.7	180	ug/Kg
118-74-1	Hexachlorobenzene	1900		27.0	180	ug/Kg
1912-24-9	Atrazine	2400		36.3	180	ug/Kg
87-86-5	Pentachlorophenol	3600	E	54.7	350	ug/Kg
85-01-8	Phenanthrene	1700		22.3	180	ug/Kg
120-12-7	Anthracene	1800		35.5	180	ug/Kg
86-74-8	Carbazole	1700		33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	1800		51.1	180	ug/Kg
206-44-0	Fluoranthene	1700		32.0	180	ug/Kg
129-00-0	Pyrene	1700		38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	1900		76.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		39.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	1700		24.5	180	ug/Kg
218-01-9	Chrysene	1600		21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		63.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		92.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		20.3	180	ug/Kg

Raw Data: **BP024551.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MS	SDG No.:	Q1956
Lab Sample ID:	Q1956-03MS	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024551.D	1	05/06/25 09:25	05/06/25 17:48	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		23.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	1800		31.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		31.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		29.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		27.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		27.3	180	ug/Kg
123-91-1	1,4-Dioxane	1400		48.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		29.2	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	110		18 - 112	73%	SPK: 150
13127-88-3	Phenol-d6	104		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.2		20 - 109	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		10 - 116	88%	SPK: 150
1718-51-0	Terphenyl-d14	70.9		10 - 105	71%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	163000	7.704			
1146-65-2	Naphthalene-d8	676000	10.475			
15067-26-2	Acenaphthene-d10	432000	14.339			
1517-22-2	Phenanthrene-d10	849000	17.133			
1719-03-5	Chrysene-d12	868000	21.586			
1520-96-3	Perylene-d12	1020000	24.921			

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\BP050625\
Data File : BP024551.D
Acq On : 06 May 2025 17:48
Operator : RC/JU
Sample : Q1956-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Quant Time: May 06 18:10:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	162516	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	676019	20.000	ng		#-0.02
39) Acenaphthene-d10	14.339	164	432416	20.000	ng		-0.01
64) Phenanthrene-d10	17.133	188	848825	20.000	ng		#-0.01
76) Chrysene-d12	21.586	240	867916	20.000	ng		0.00
86) Perylene-d12	24.921	264	1020858	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1083425	110.229	ng		-0.02
7) Phenol-d6	6.898	99	1403610	104.292	ng		-0.01
23) Nitrobenzene-d5	8.857	82	854525	72.078	ng		-0.01
42) 2,4,6-Tribromophenol	15.851	330	788779	131.843	ng		-0.01
45) 2-Fluorobiphenyl	12.939	172	1954117	69.192	ng		-0.02
79) Terphenyl-d14	19.863	244	3054230	70.931	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	158858	38.211	ng	#	94
3) Pyridine	3.669	79	406163	36.998	ng		93
4) n-Nitrosodimethylamine	3.581	42	180270	49.479	ng		80
6) Aniline	7.046	93	508231	42.260	ng		96
8) 2-Chlorophenol	7.281	128	530598	48.351	ng		100
9) Benzaldehyde	6.857	77	212625	31.938	ng		98
10) Phenol	6.922	94	638592	47.300	ng		91
11) bis(2-Chloroethyl)ether	7.140	93	465847	42.826	ng		100
12) 1,3-Dichlorobenzene	7.593	146	538612	45.591	ng		98
13) 1,4-Dichlorobenzene	7.740	146	546736	45.611	ng		99
14) 1,2-Dichlorobenzene	8.051	146	530369	45.821	ng		98
15) Benzyl Alcohol	7.951	79	440025	50.556	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	520219	44.245	ng		99
17) 2-Methylphenol	8.157	107	445445	51.003	ng		97
18) Hexachloroethane	8.769	117	205301	47.392	ng		98
19) n-Nitroso-di-n-propyla...	8.504	70	355703	42.721	ng		94
20) 3+4-Methylphenols	8.481	107	603077	49.765	ng		98
22) Acetophenone	8.522	105	752086	44.949	ng	#	96
24) Nitrobenzene	8.898	77	543963	46.381	ng		99
25) Isophorone	9.416	82	1024715	47.751	ng		98
26) 2-Nitrophenol	9.598	139	289472	50.435	ng	#	93
27) 2,4-Dimethylphenol	9.669	122	501358	69.569	ng		98
28) bis(2-Chloroethoxy)met...	9.892	93	624322	43.067	ng		99
29) 2,4-Dichlorophenol	10.145	162	503469	51.237	ng		99
30) 1,2,4-Trichlorobenzene	10.339	180	499312	47.427	ng		99
31) Naphthalene	10.528	128	1570867	44.113	ng		99
32) Benzoic acid	9.834	122	350764	41.771	ng		98
33) 4-Chloroaniline	10.645	127	322028	25.679	ng		97
34) Hexachlorobutadiene	10.810	225	315404	50.982	ng		99
35) Caprolactam	11.439	113	175233	48.331	ng		97
36) 4-Chloro-3-methylphenol	11.781	107	585188	51.129	ng		98
37) 2-Methylnaphthalene	12.139	142	1020073	41.305	ng		97
38) 1-Methylnaphthalene	12.357	142	1076263	44.548	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	575732	48.415	ng		99
41) Hexachlorocyclopentadiene	12.492	237	632155	150.309	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	411666	52.069	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024551.D
Acq On : 06 May 2025 17:48
Operator : RC/JU
Sample : Q1956-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Quant Time: May 06 18:10:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

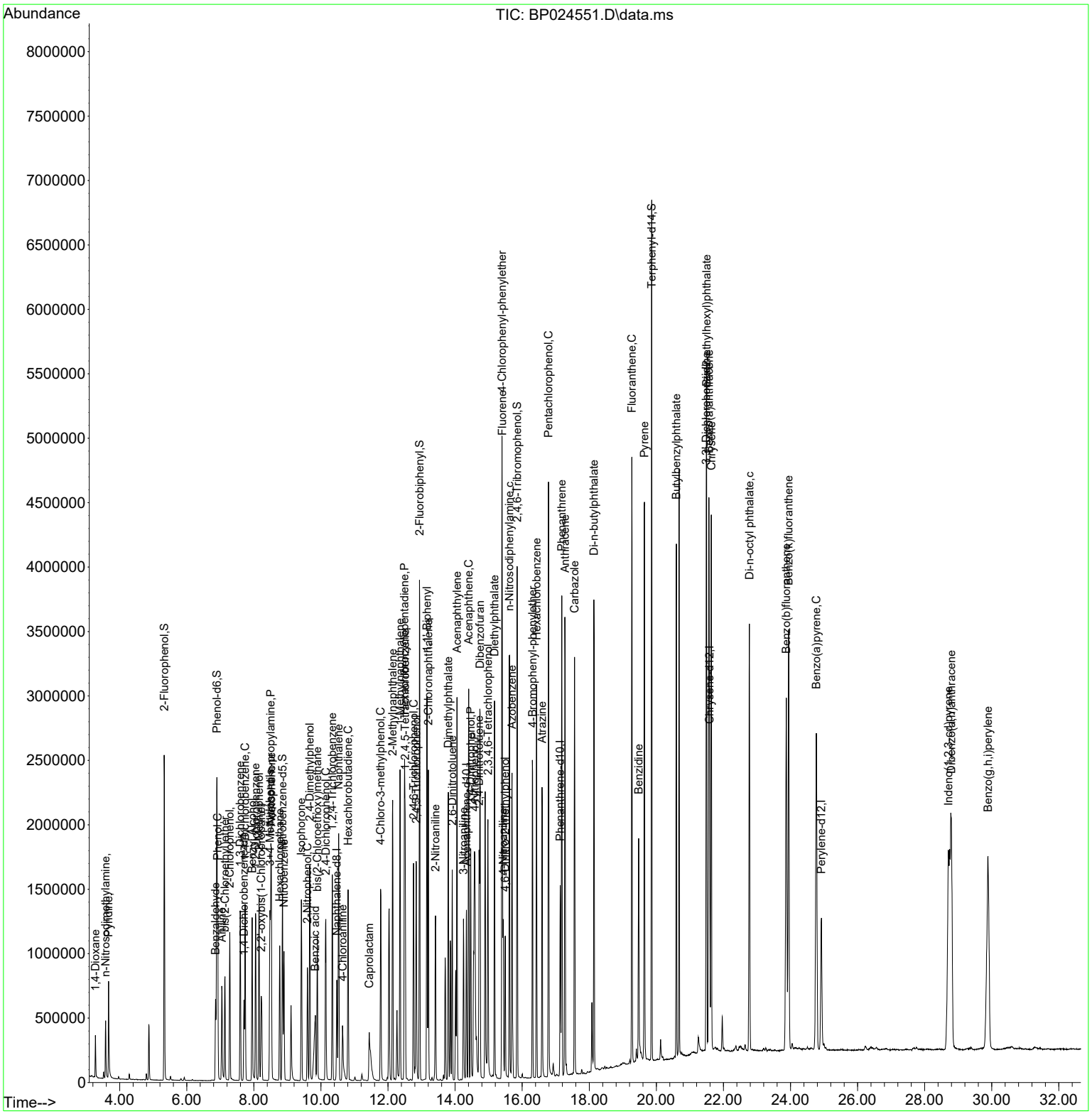
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.845	196	461673	52.733	ng		98
46)	1,1'-Biphenyl	13.163	154	1461354	45.976	ng		98
47)	2-Chloronaphthalene	13.204	162	1114576	46.919	ng		98
48)	2-Nitroaniline	13.416	65	353316	53.022	ng		96
49)	Acenaphthylene	14.057	152	1889705	50.525	ng		99
50)	Dimethylphthalate	13.798	163	1494426	47.523	ng		100
51)	2,6-Dinitrotoluene	13.916	165	329135	49.290	ng		95
52)	Acenaphthene	14.404	154	1081628	45.617	ng		98
53)	3-Nitroaniline	14.251	138	325726	46.412	ng		98
54)	2,4-Dinitrophenol	14.469	184	387344	98.477	ng		90
55)	Dibenzofuran	14.745	168	1718937	44.351	ng		96
56)	4-Nitrophenol	14.586	139	608126	100.330	ng		88
57)	2,4-Dinitrotoluene	14.716	165	475616	52.214	ng		98
58)	Fluorene	15.404	166	1395185	46.501	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.980	232	402043	49.790	ng	#	97
60)	Diethylphthalate	15.175	149	1506873	46.500	ng		99
61)	4-Chlorophenyl-phenyle...	15.398	204	696326	47.792	ng		98
62)	4-Nitroaniline	15.433	138	365589	49.208	ng		84
63)	Azobenzene	15.698	77	1356084	45.530	ng		96
65)	4,6-Dinitro-2-methylph...	15.492	198	250062	46.727	ng		96
66)	n-Nitrosodiphenylamine	15.622	169	1230658	48.575	ng		99
67)	4-Bromophenyl-phenylether	16.310	248	471643	50.805	ng		99
68)	Hexachlorobenzene	16.427	284	580819	52.652	ng		100
69)	Atrazine	16.592	200	434806	67.383	ng		98
70)	Pentachlorophenol	16.786	266	787505	102.330	ng		99
71)	Phenanthrene	17.180	178	2187622	47.243	ng		99
72)	Anthracene	17.274	178	2251877	50.458	ng		99
73)	Carbazole	17.563	167	2107444	48.329	ng		99
74)	Di-n-butylphthalate	18.139	149	2715929	49.992	ng		99
75)	Fluoranthene	19.268	202	2596718	47.151	ng		97
77)	Benzidine	19.474	184	1123745	102.144	ng		98
78)	Pyrene	19.645	202	2645299	47.959	ng		99
80)	Butylbenzylphthalate	20.598	149	1243545	52.637	ng		95
81)	Benzo(a)anthracene	21.568	228	2638502	48.910	ng		100
82)	3,3'-Dichlorobenzidine	21.486	252	724444	38.261	ng		99
83)	Chrysene	21.639	228	2390595	46.255	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.498	149	1751888	50.584	ng		99
85)	Di-n-octyl phthalate	22.774	149	2905339	51.601	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.709	276	3656427	51.592	ng		97
88)	Benzo(b)fluoranthene	23.874	252	2784618	45.507	ng		98
89)	Benzo(k)fluoranthene	23.945	252	2754953	46.609	ng		98
90)	Benzo(a)pyrene	24.768	252	2723040	51.589	ng	#	98
91)	Dibenzo(a,h)anthracene	28.791	278	2983539	50.718	ng		97
92)	Benzo(g,h,i)perylene	29.886	276	2912409	48.640	ng		96

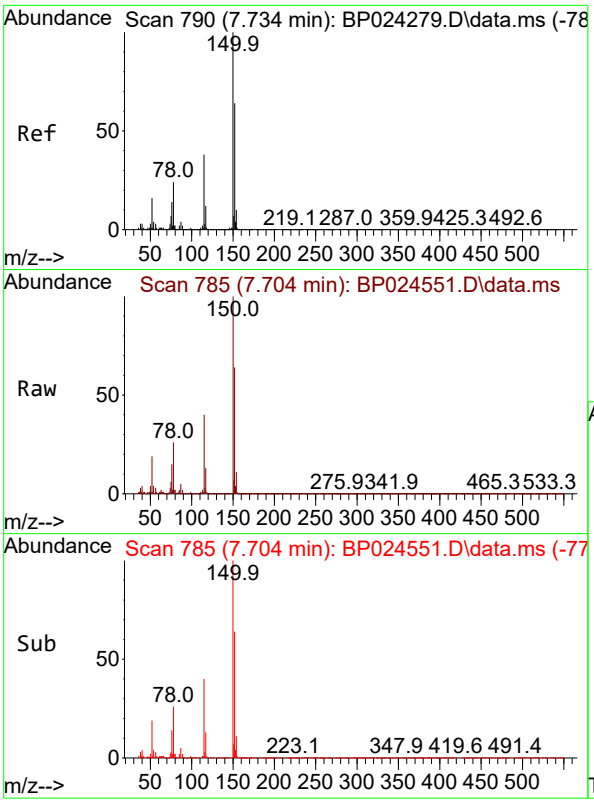
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024551.D
Acq On : 06 May 2025 17:48
Operator : RC/JU
Sample : Q1956-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Quant Time: May 06 18:10:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration


Abundance
TIC: BP024551.D\data.ms
Time-->
2-Fluorophenol,S
Phenol-d6,S
Phenol,C
Pentachlorophenol,C
Fluoranthene,C
Pyrene
Benzidine
Terphenyl-d14,S
Butylbenzylphthalate
Di-n-butylphthalate
Di-n-octyl phthalate,c
Benzo(a)pyrene,C
Perylene-d12,I
Benzo(g,h,i)perylene
Carbazole
Caprolactam
Naphthalene
Acenaphthylene
Acenaphthene,C
Fluorene
Phenanthrene
Anthracene
Dibenzofuran
Diethylphthalate
Dimethylphthalate
Azobenzene
Atrazine
Isophorone
Nitrobenzene-d5,S
2-Fluorobiphenyl,S
Phenanthrene-d10,I
Chrysene-d12,I
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Indeno(1,2,3-cd)pyrene
Dibenz(a,h)anthracene
1,4-Dioxane
n-Nitrosodimethylamine,
Benzaldehyde
Benzoic acid
Hexachlorobutadiene,C
Hexachlorocyclopentadiene,P
Hexachlorobenzene
Hexachloroethane
Hexachlorocyclohexane,gamma
Hexachlorocyclohexane,beta
Hexachlorocyclohexane,delta
Hexachlorocyclohexane,alpha
Hexachlorocyclopentadiene-d10,I
Hexachlorocyclopentadiene-13C6,I
Hexachlorocyclopentadiene-d12,I
Hexachlorocyclopentadiene-d8,I
Hexachlorocyclopentadiene-d5,S
Hexachloroethane-13C2,I
Hexachloroethane-d12,I
Hexachloroethane-d8,I
Hexachloroethane-d5,S
Hexachloropropene
Hexachloropropene-d6,I
Hexachloropropene-d3,I
Hexachloropropene-d5,S
Hexachloropropene-13C3,I
Hexachloropropene-d12,I
Hexachloropropene-d8,I
Hexachloropropene-d4,S
Hexachloropropene-13C6,I
Hexachloropropene-d10,I
Hexachloropropene-d7,I
Hexachloropropene-d9,I
Hexachloropropene-d11,I
Hexachloropropene-d13,I
Hexachloropropene-d14,I
Hexachloropropene-d15,I
Hexachloropropene-d16,I
Hexachloropropene-d17,I
Hexachloropropene-d18,I
Hexachloropropene-d19,I
Hexachloropropene-d20,I
Hexachloropropene-d21,I
Hexachloropropene-d22,I
Hexachloropropene-d23,I
Hexachloropropene-d24,I
Hexachloropropene-d25,I
Hexachloropropene-d26,I
Hexachloropropene-d27,I
Hexachloropropene-d28,I
Hexachloropropene-d29,I
Hexachloropropene-d30,I
Hexachloropropene-d31,I
Hexachloropropene-d32,I
Hexachloropropene-d33,I
Hexachloropropene-d34,I
Hexachloropropene-d35,I
Hexachloropropene-d36,I
Hexachloropropene-d37,I
Hexachloropropene-d38,I
Hexachloropropene-d39,I
Hexachloropropene-d40,I
Hexachloropropene-d41,I
Hexachloropropene-d42,I
Hexachloropropene-d43,I
Hexachloropropene-d44,I
Hexachloropropene-d45,I
Hexachloropropene-d46,I
Hexachloropropene-d47,I
Hexachloropropene-d48,I
Hexachloropropene-d49,I
Hexachloropropene-d50,I
Hexachloropropene-d51,I
Hexachloropropene-d52,I

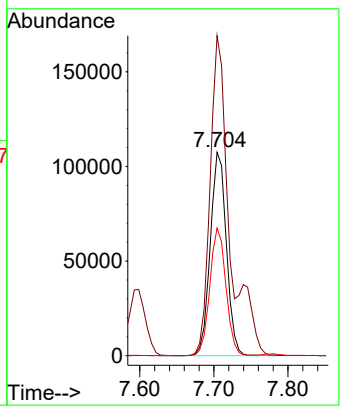


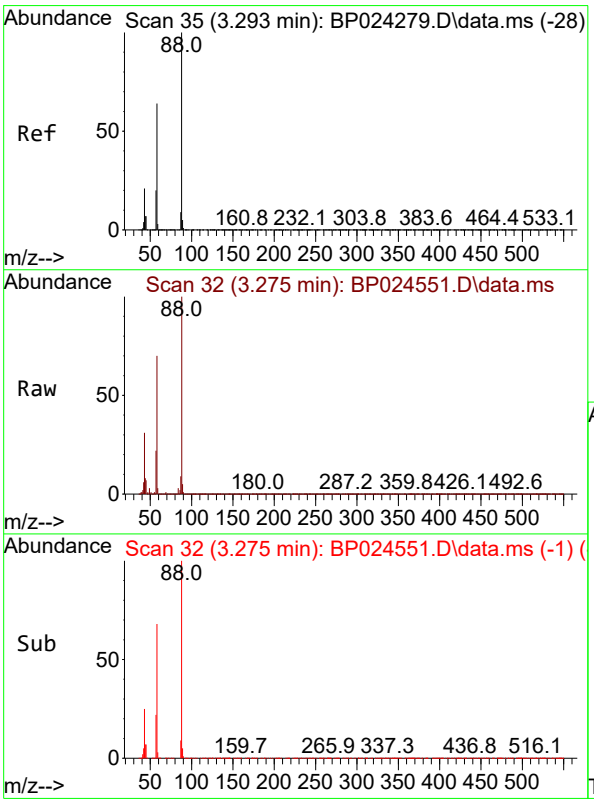
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.704 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:152 Resp: 162516

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	62.8	47.7	71.5

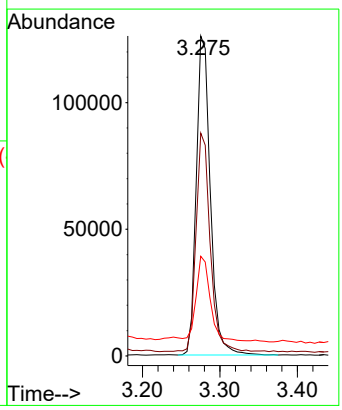


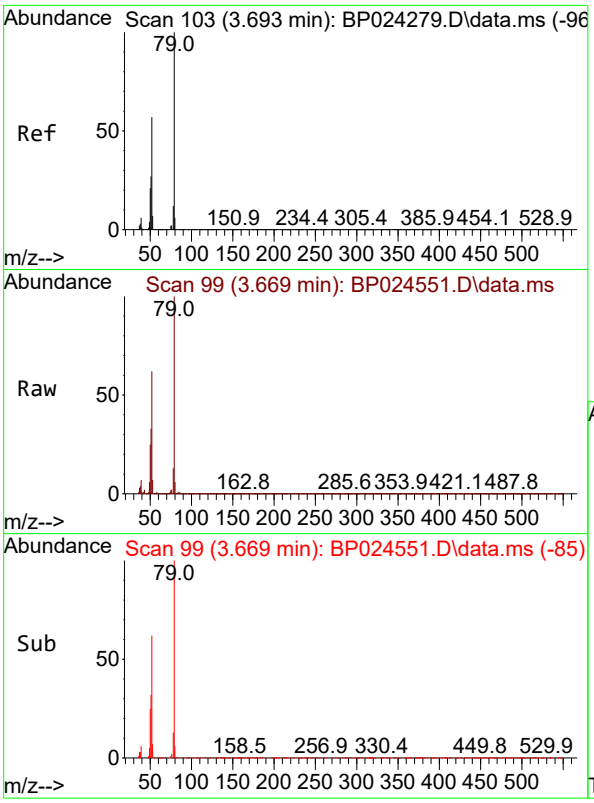


#2
1,4-Dioxane
Concen: 38.211 ng
RT: 3.275 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 88 Resp: 158858

Ion	Ratio	Lower	Upper
88	100		
58	68.6	51.4	77.2
43	25.9	17.1	25.7#



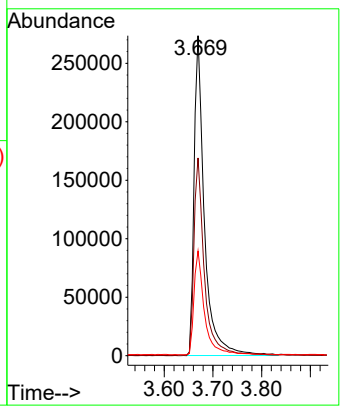


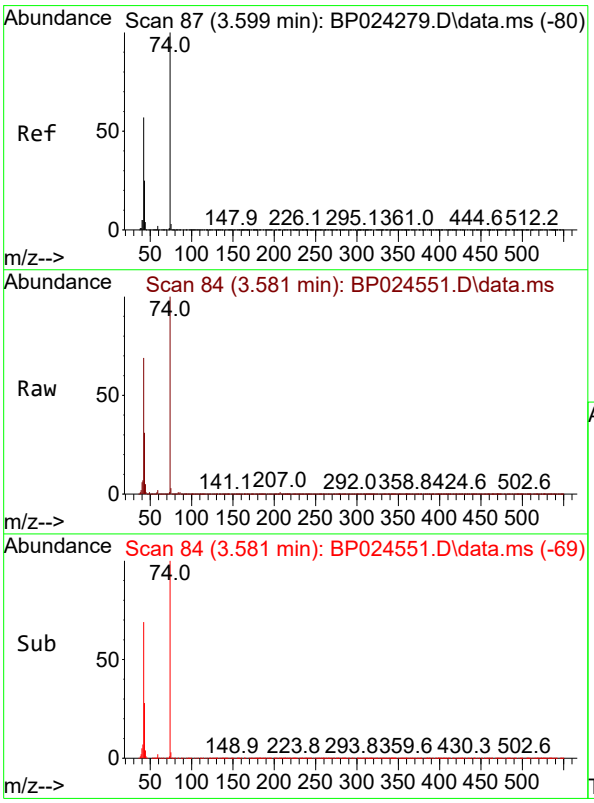
#3
Pyridine
Concen: 36.998 ng
RT: 3.669 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 79 Resp: 406163

Ion	Ratio	Lower	Upper
79	100		
52	61.8	45.4	68.2
51	32.7	22.6	33.8

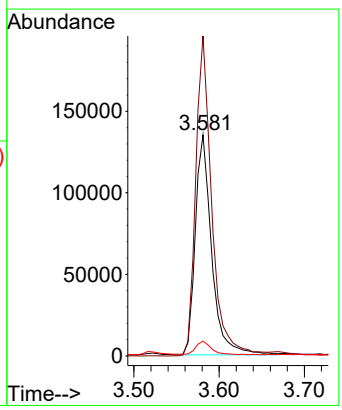


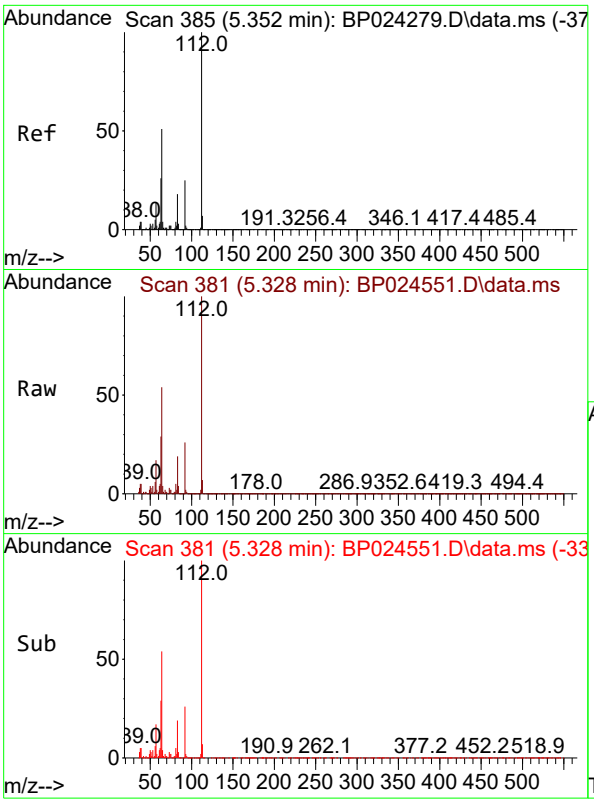


#4
n-Nitrosodimethylamine
Concen: 49.479 ng
RT: 3.581 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 42 Resp: 180270

Ion	Ratio	Lower	Upper
42	100		
74	144.8	139.5	209.3
44	6.7	5.8	8.8



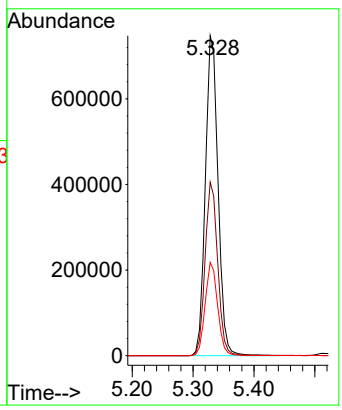


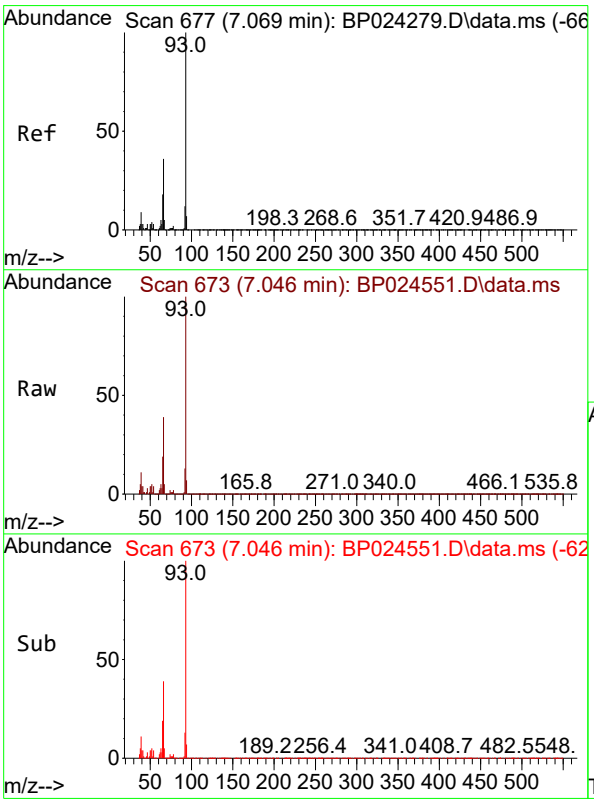
#5
2-Fluorophenol
Concen: 110.229 ng
RT: 5.328 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:112 Resp: 1083425

Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.1	61.7
63	29.1	20.6	30.8

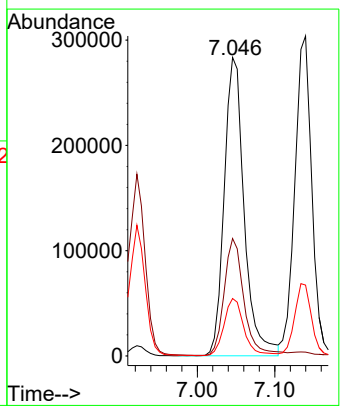


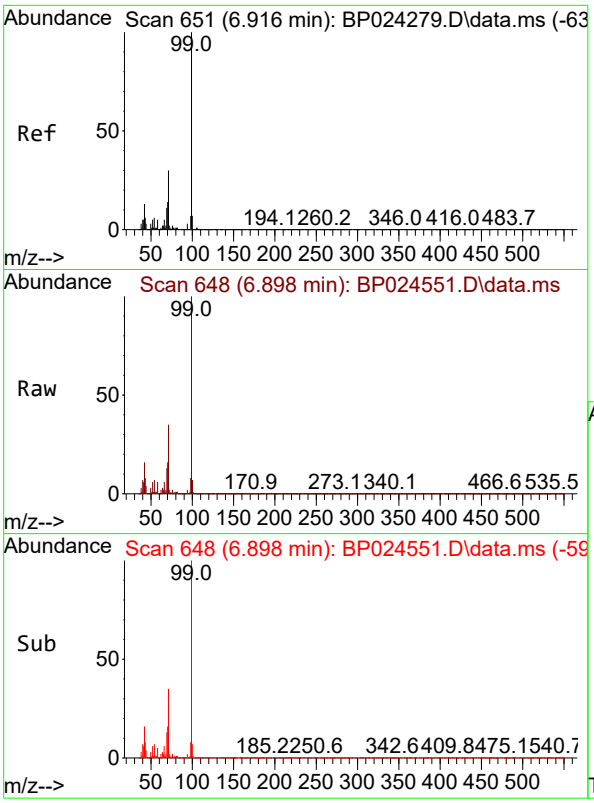


#6
Aniline
Concen: 42.260 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 93 Resp: 508231

Ion	Ratio	Lower	Upper
93	100		
66	39.3	29.1	43.7
65	19.2	14.7	22.1



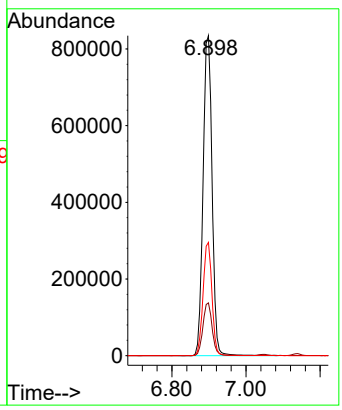


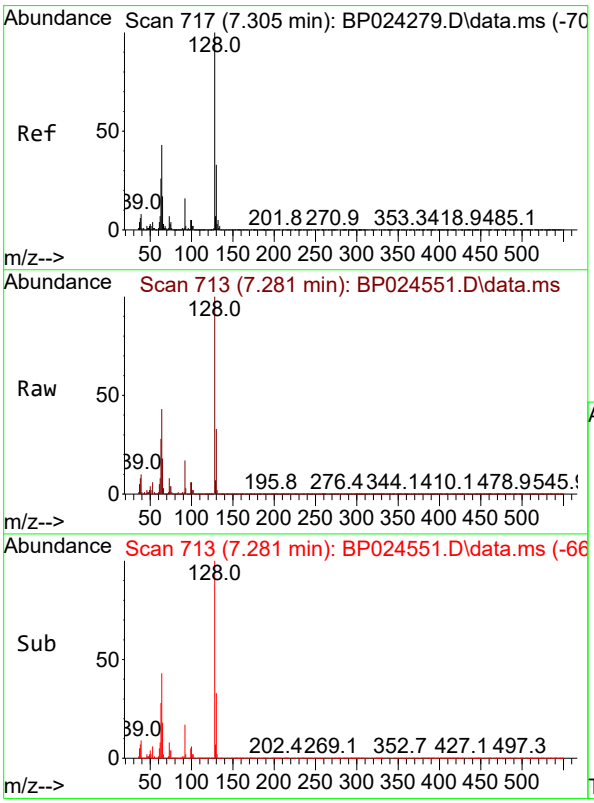
#7
Phenol-d6
Concen: 104.292 ng
RT: 6.898 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 99 Resp: 1403610

Ion	Ratio	Lower	Upper
99	100		
42	16.5	10.6	16.0#
71	35.4	23.7	35.5

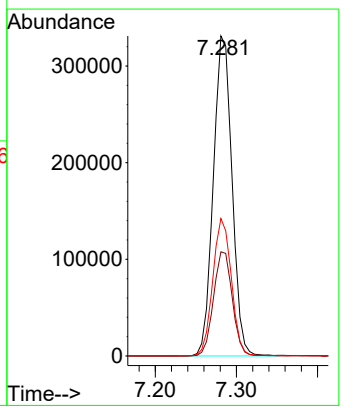


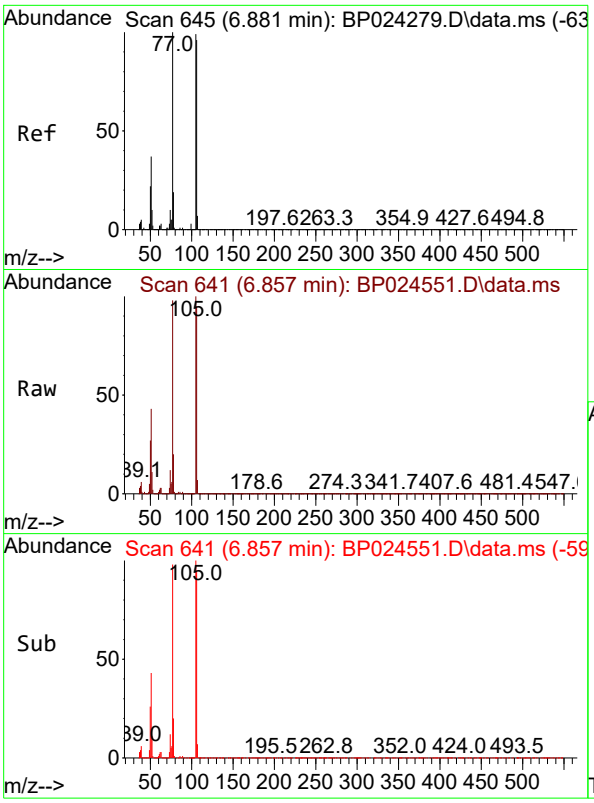


#8
2-Chlorophenol
Concen: 48.351 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:128 Resp: 530598

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	43.0	22.7	62.7



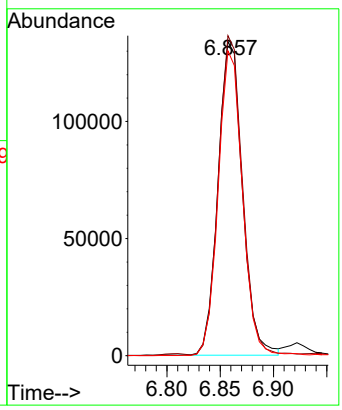


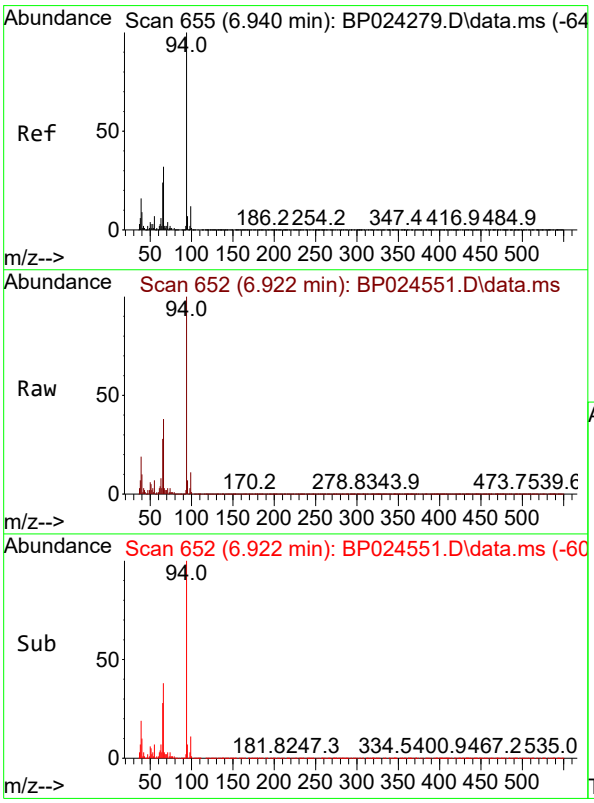
#9
Benzaldehyde
Concen: 31.938 ng
RT: 6.857 min Scan# 64
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 77 Resp: 212625

Ion	Ratio	Lower	Upper
77	100		
105	101.9	79.2	119.2
106	97.0	76.2	116.2

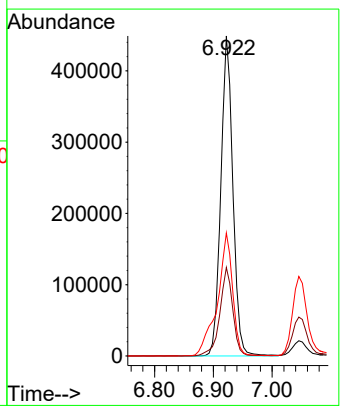


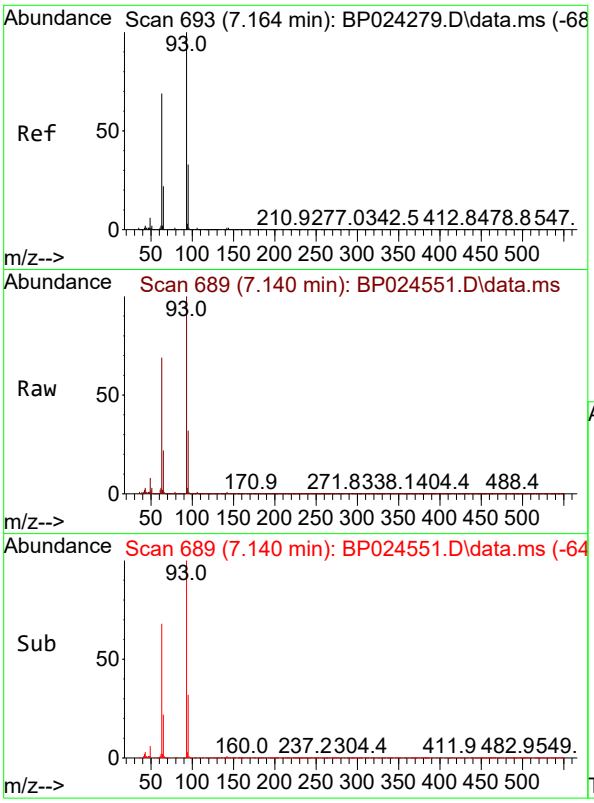


#10
Phenol
Concen: 47.300 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 94 Resp: 638592

Ion	Ratio	Lower	Upper
94	100		
65	27.7	4.5	44.5
66	38.5	12.4	52.4



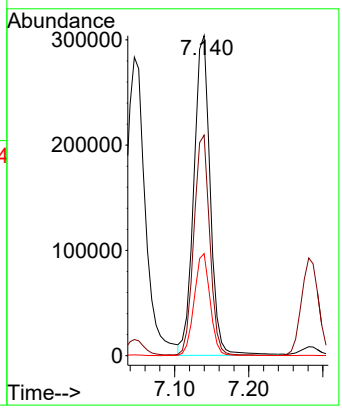


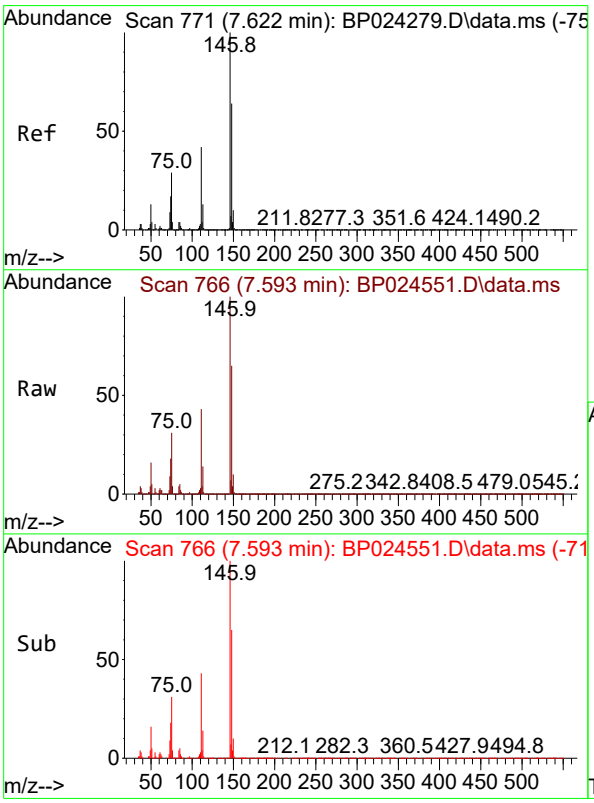
#11
bis(2-Chloroethyl)ether
Concen: 42.826 ng
RT: 7.140 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 93 Resp: 465847

Ion	Ratio	Lower	Upper
93	100		
63	68.9	48.6	88.6
95	31.9	12.3	52.3

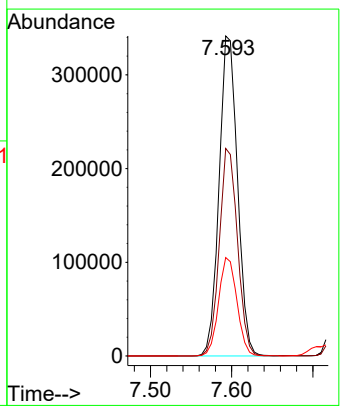


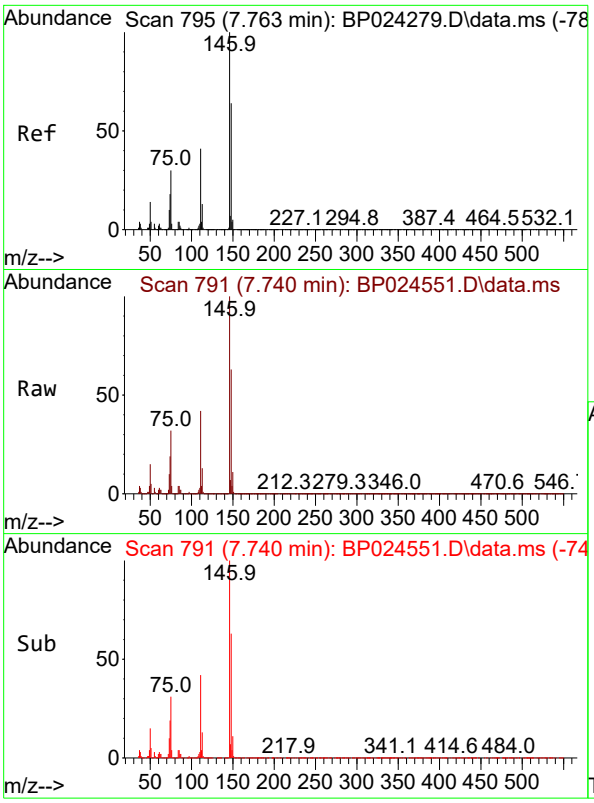


#12
1,3-Dichlorobenzene
Concen: 45.591 ng
RT: 7.593 min Scan# 766
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:146 Resp: 538612

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	30.8	22.9	34.3



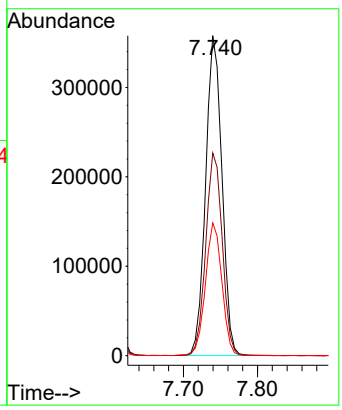


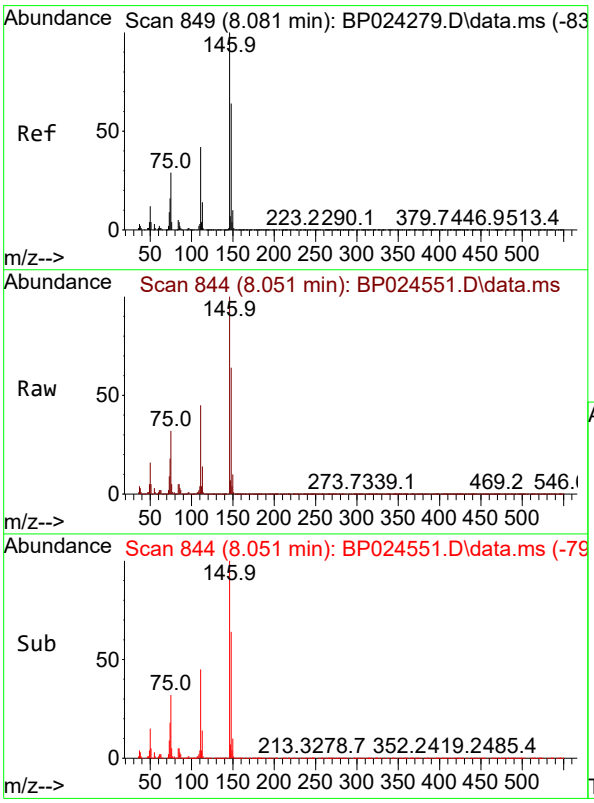
#13
1,4-Dichlorobenzene
Concen: 45.611 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:146 Resp: 546736

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	41.5	32.6	48.8

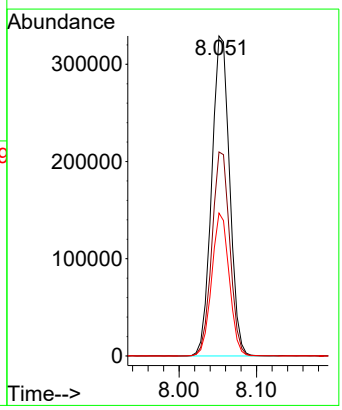


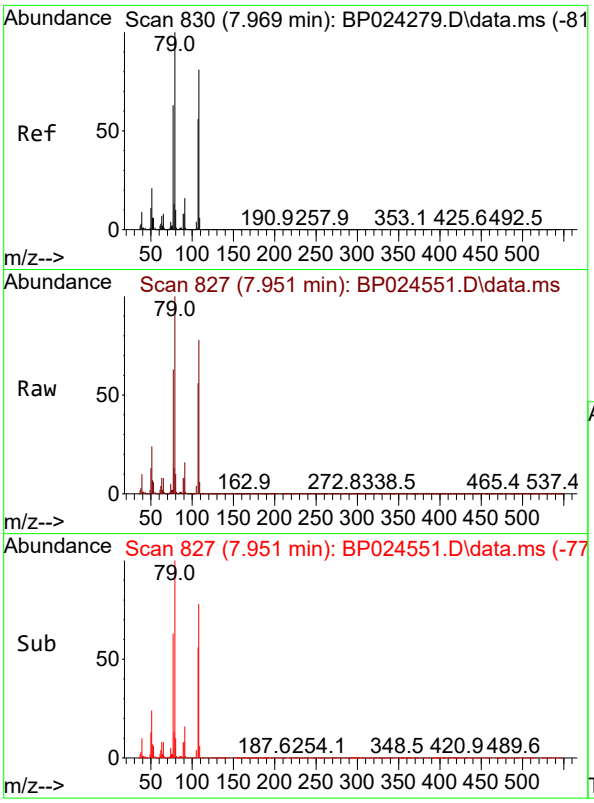


#14
1,2-Dichlorobenzene
Concen: 45.821 ng
RT: 8.051 min Scan# 844
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:146 Resp: 530369

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.7	33.8	50.8



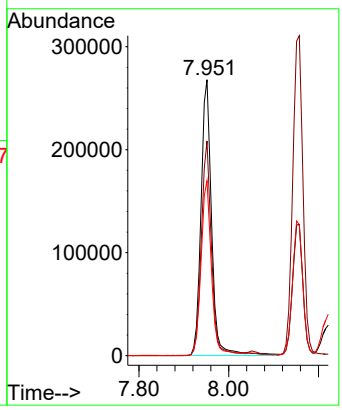


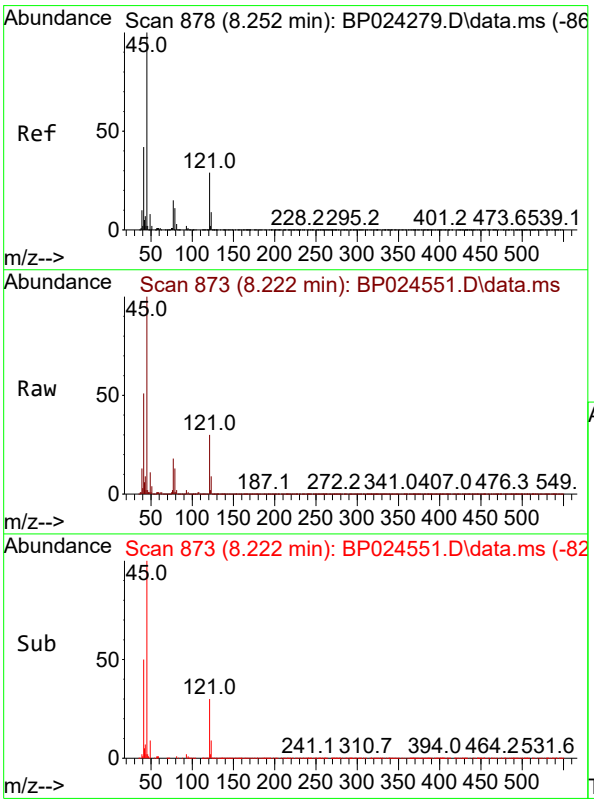
#15
Benzyl Alcohol
Concen: 50.556 ng
RT: 7.951 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 79 Resp: 440025

Ion	Ratio	Lower	Upper
79	100		
108	77.8	65.1	97.7
77	63.4	50.7	76.1

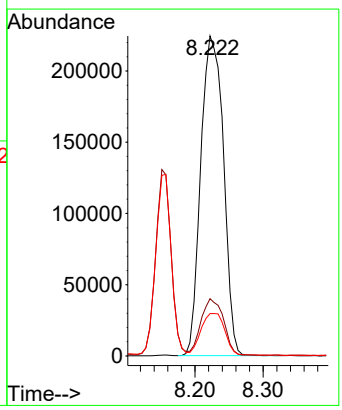


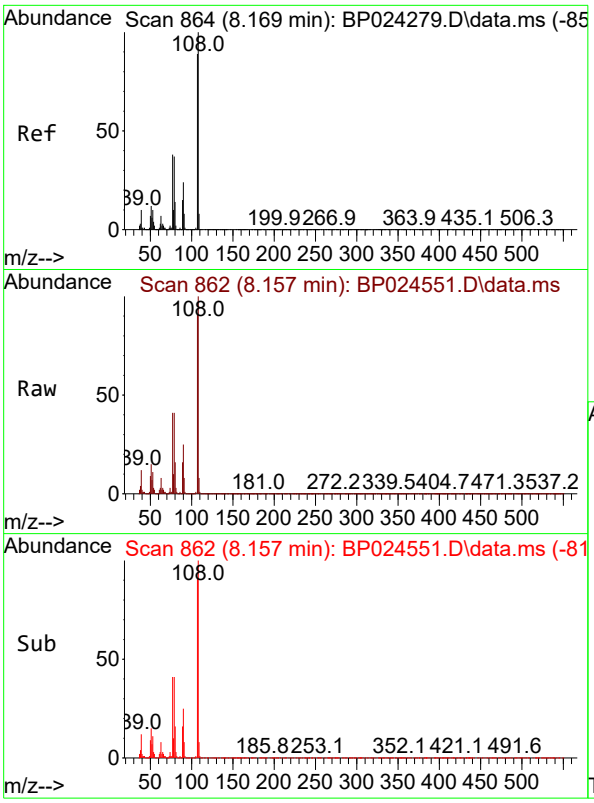


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.245 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 45 Resp: 520219

Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	37.7
79	13.3	0.0	33.5



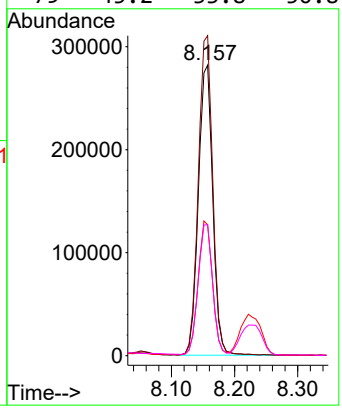


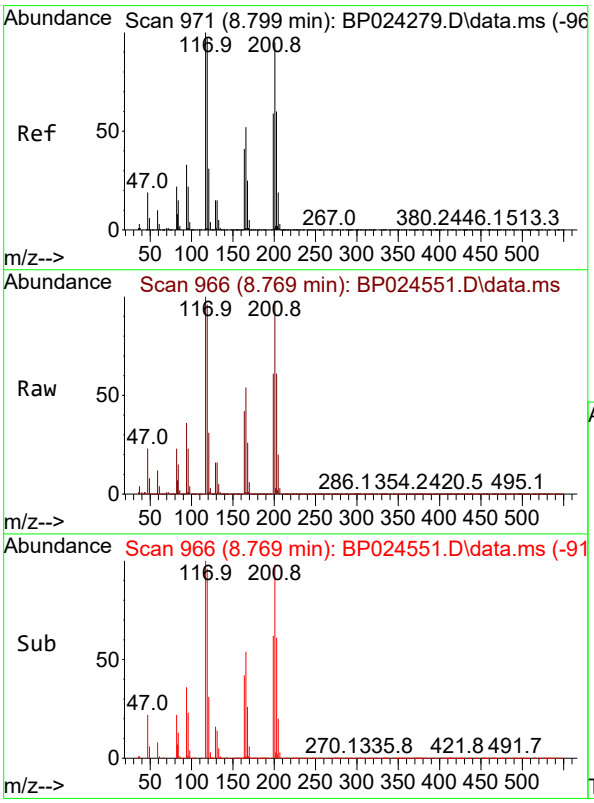
#17
2-Methylphenol
Concen: 51.003 ng
RT: 8.157 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:107 Resp: 445445

Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.8	134.6
77	45.1	34.2	51.4
79	45.2	33.8	50.8

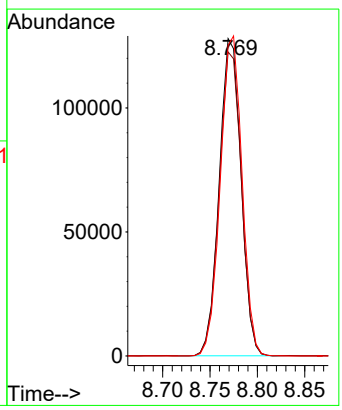


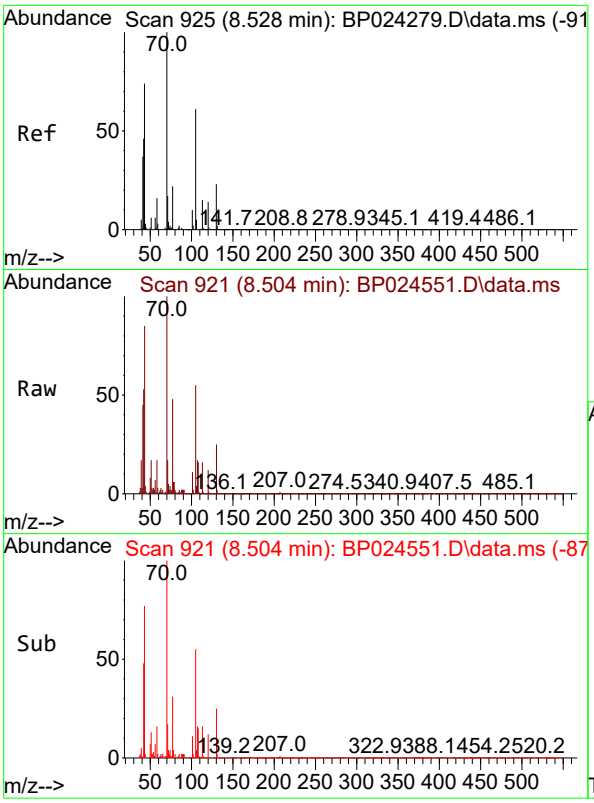


#18
Hexachloroethane
Concen: 47.392 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:117 Resp: 205301

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.8	116.6
201	97.9	75.9	113.9



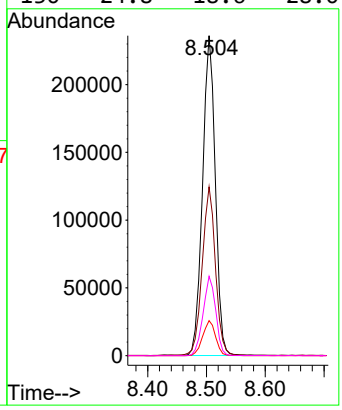


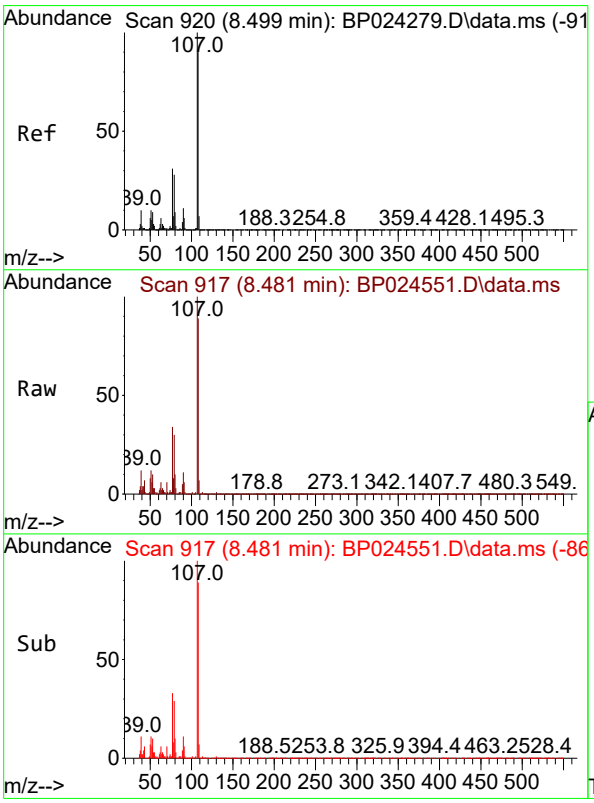
#19
n-Nitroso-di-n-propylamine
Concen: 42.721 ng
RT: 8.504 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 70 Resp: 355703

Ion	Ratio	Lower	Upper
70	100		
42	52.8	37.3	55.9
101	10.9	8.2	12.4
130	24.8	18.6	28.0

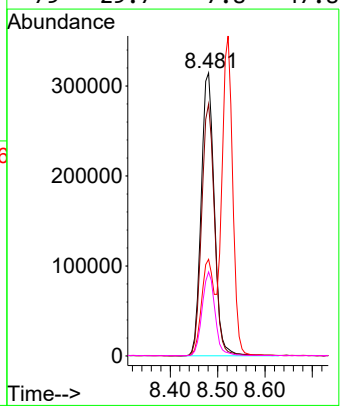


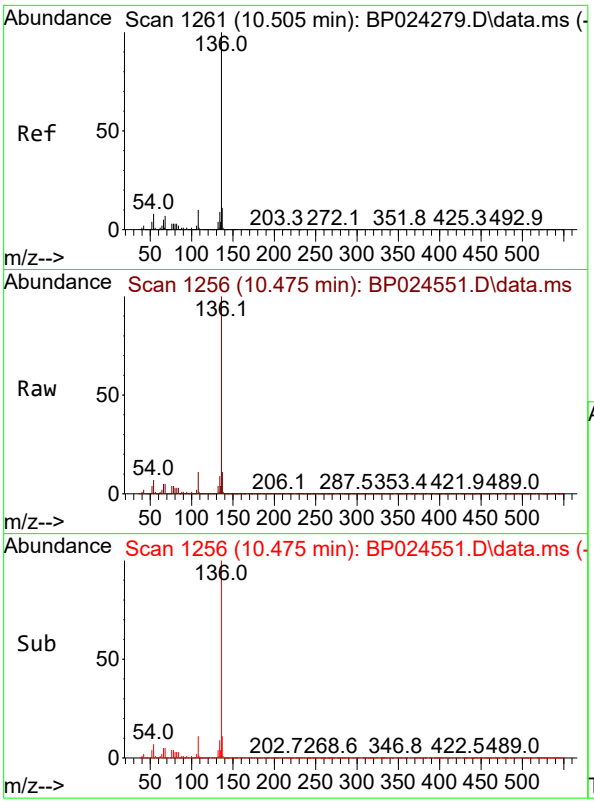


#20
3+4-Methylphenols
Concen: 49.765 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:107 Resp: 603077

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.8	109.8
77	34.1	11.5	51.5
79	29.7	7.8	47.8



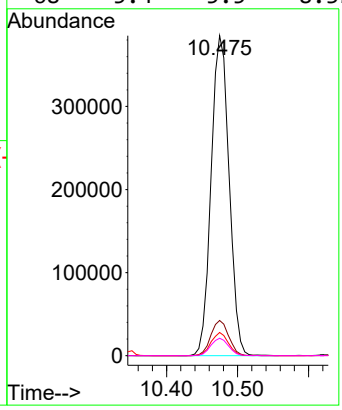


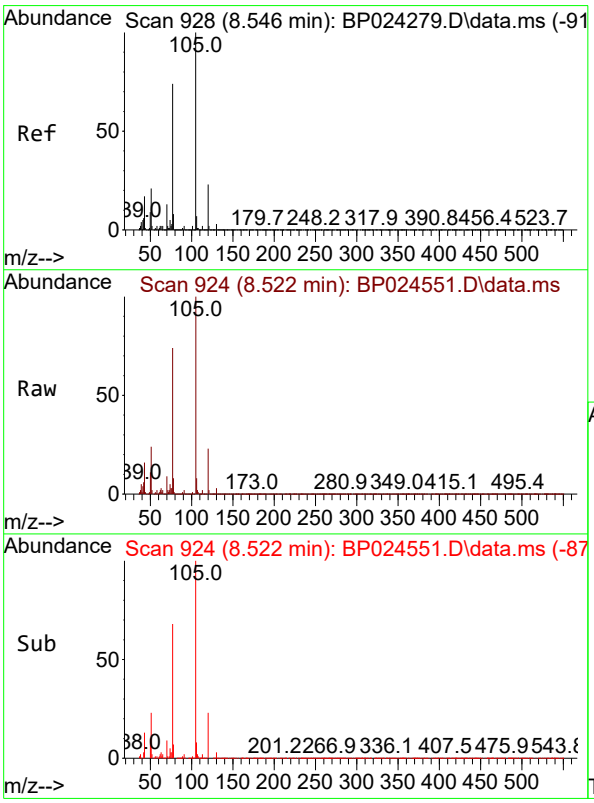
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:136 Resp: 676019

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	6.0	9.0
68	5.4	5.5	8.3#

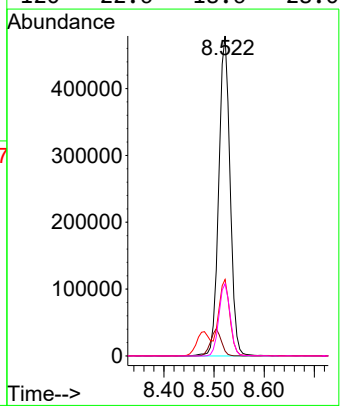


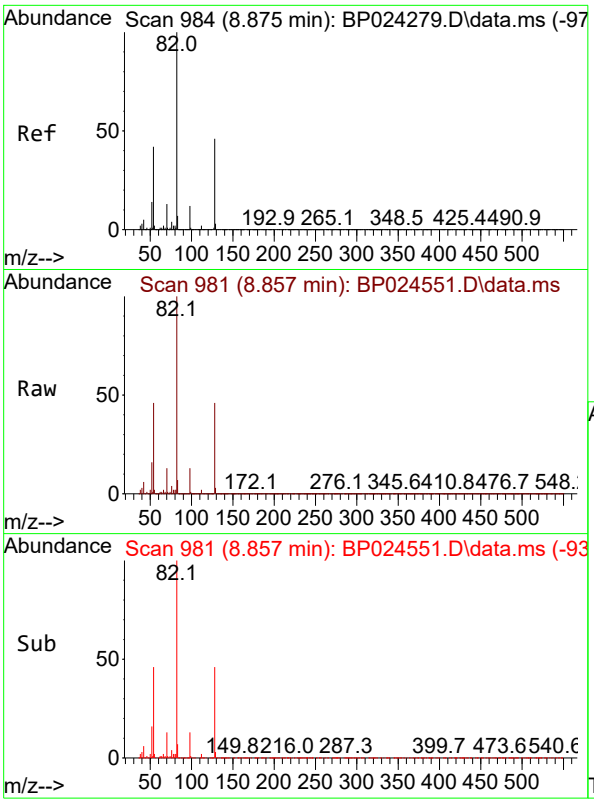


#22
Acetophenone
Concen: 44.949 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 752086

Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.7	2.5#
51	23.9	16.9	25.3
120	22.6	18.6	28.0



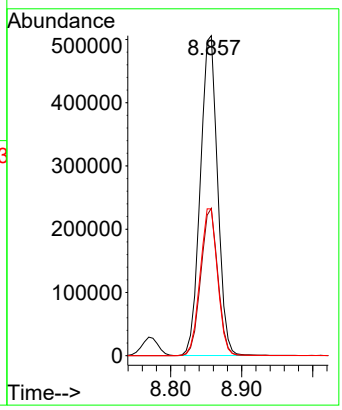


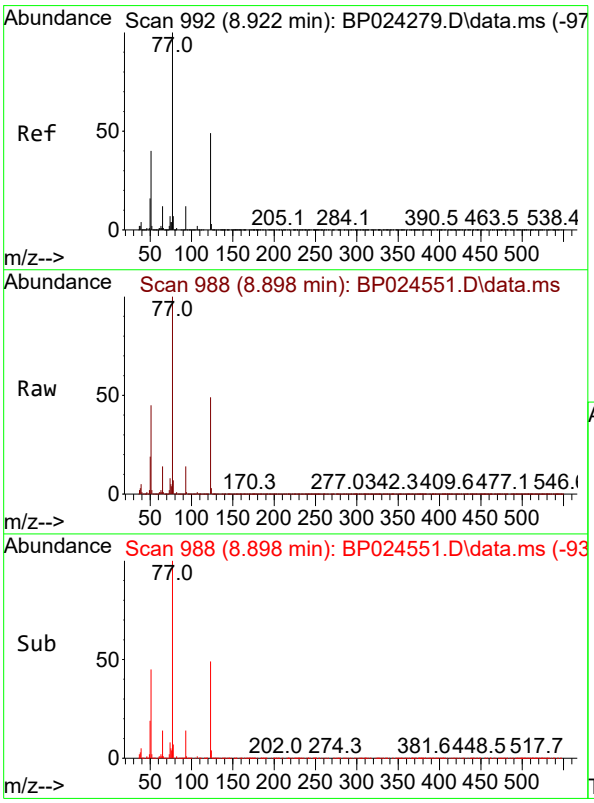
#23
Nitrobenzene-d5
Concen: 72.078 ng
RT: 8.857 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 82 Resp: 854525

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	45.9	33.4	50.2

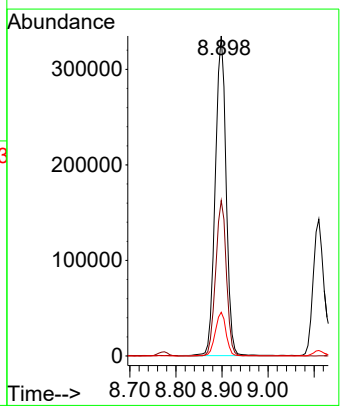


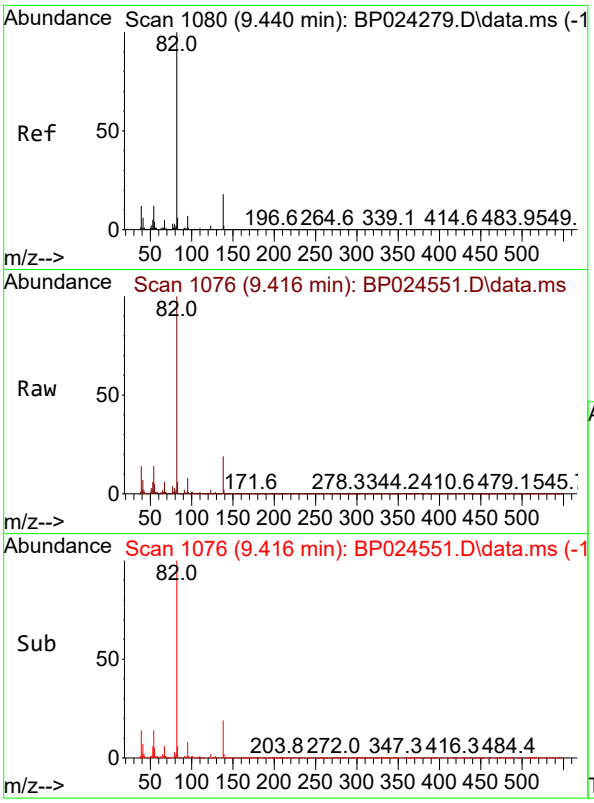


#24
Nitrobenzene
Concen: 46.381 ng
RT: 8.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 77 Resp: 543963

Ion	Ratio	Lower	Upper
77	100		
123	48.6	39.2	58.8
65	13.7	9.8	14.6



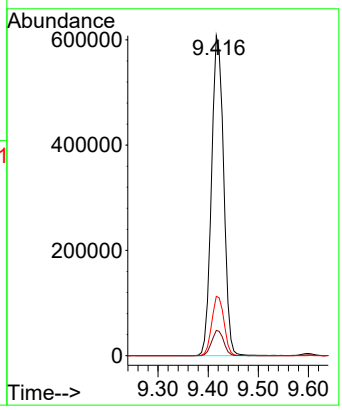


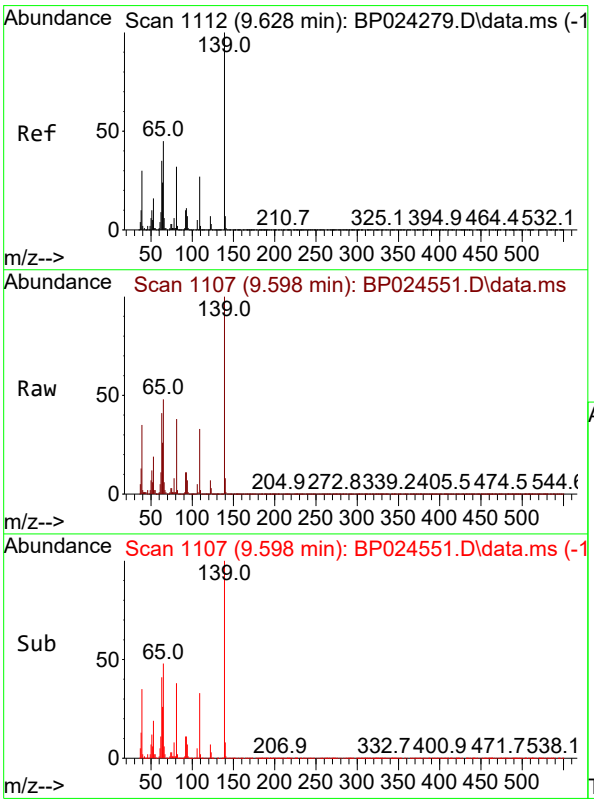
#25
Isophorone
Concen: 47.751 ng
RT: 9.416 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 82 Resp: 1024715

Ion	Ratio	Lower	Upper
82	100		
95	7.9	5.4	8.2
138	18.6	14.4	21.6

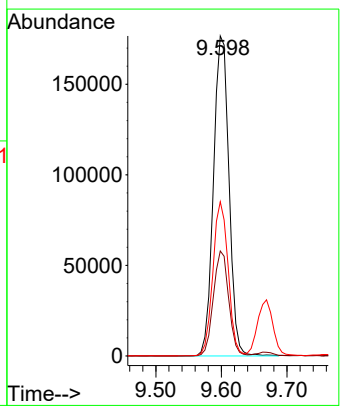


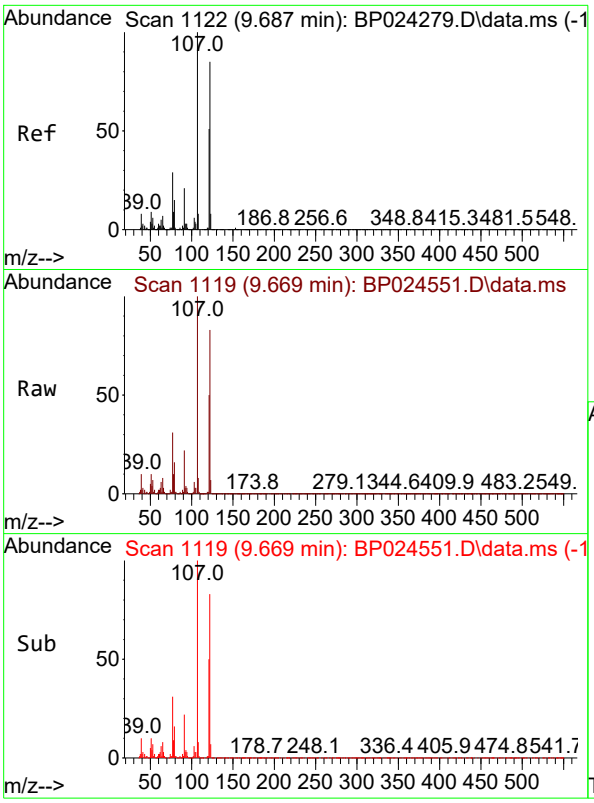


#26
2-Nitrophenol
Concen: 50.435 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:139 Resp: 289472

Ion	Ratio	Lower	Upper
139	100		
109	32.8	21.8	32.6#
65	48.2	36.2	54.2



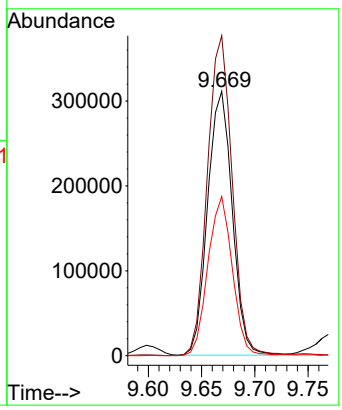


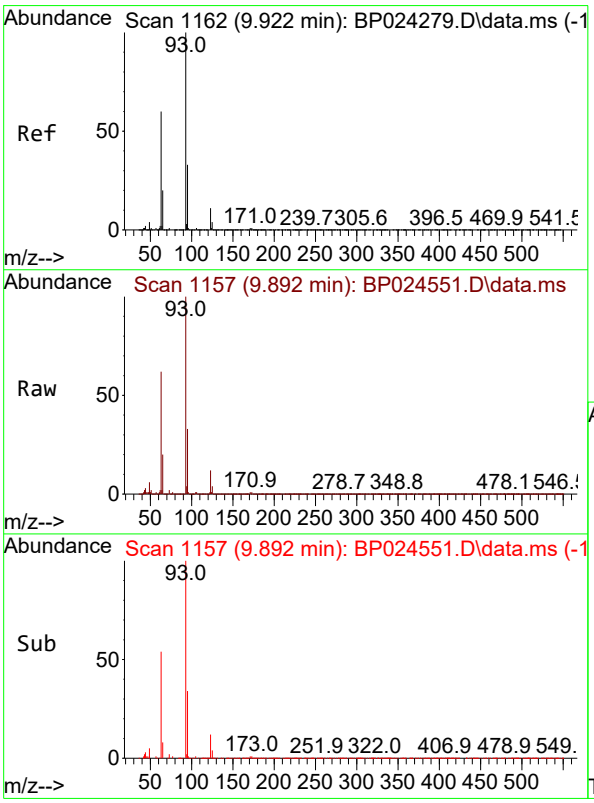
#27
2,4-Dimethylphenol
Concen: 69.569 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:122 Resp: 501358

Ion	Ratio	Lower	Upper
122	100		
107	121.1	93.7	140.5
121	60.3	48.2	72.2

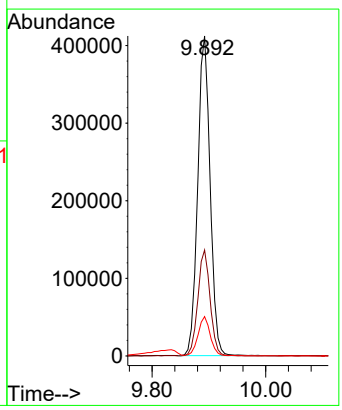


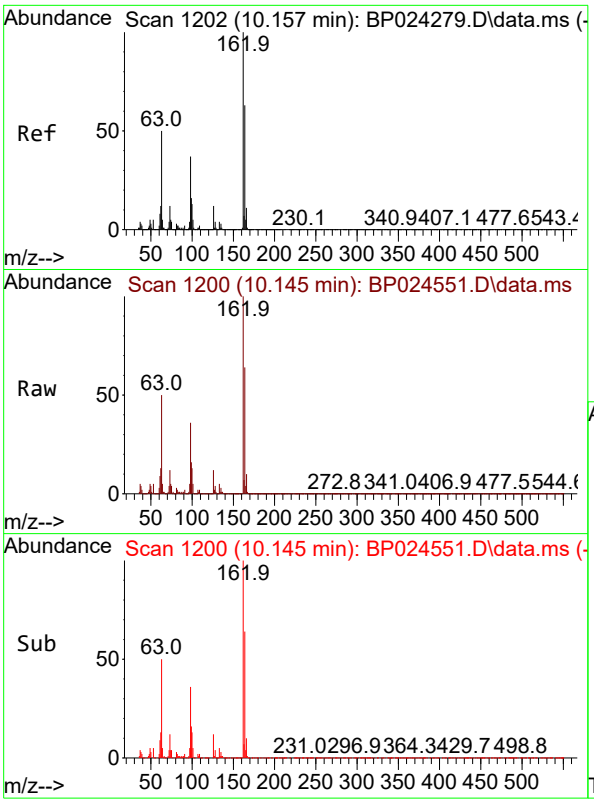


#28
bis(2-Chloroethoxy)methane
Concen: 43.067 ng
RT: 9.892 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 93 Resp: 624322

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	12.3	9.1	13.7



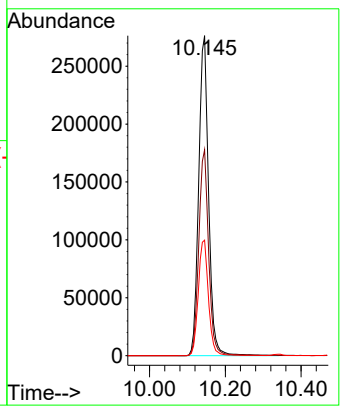


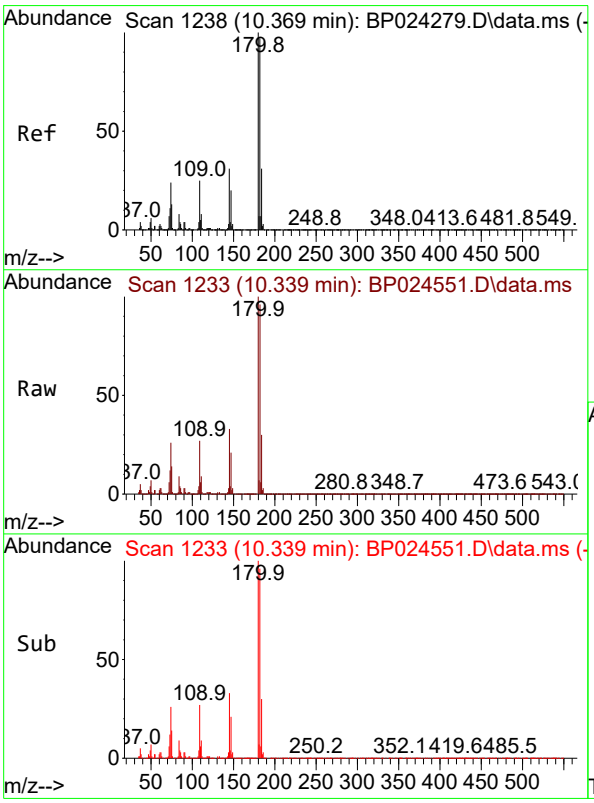
#29
2,4-Dichlorophenol
Concen: 51.237 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:162 Resp: 503469

Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.3	83.3
98	36.1	16.6	56.6

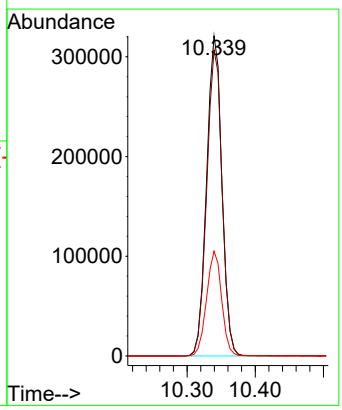


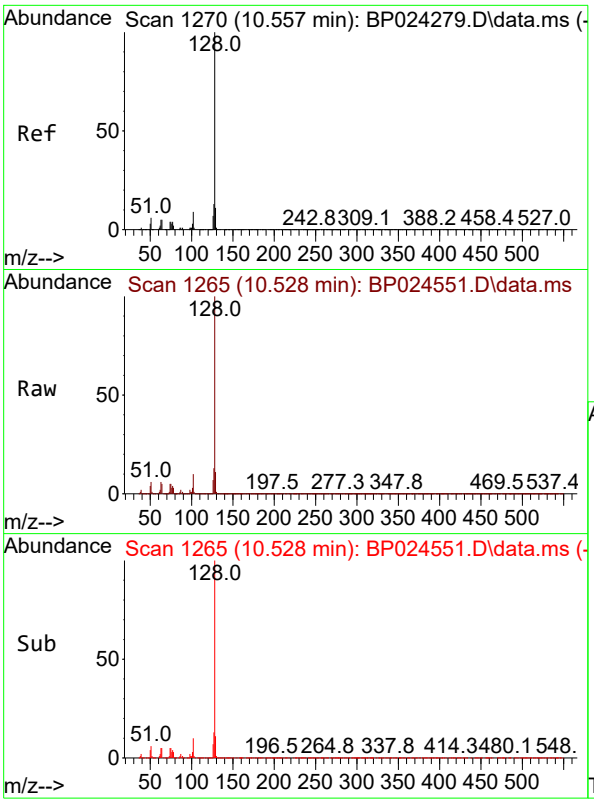


#30
1,2,4-Trichlorobenzene
Concen: 47.427 ng
RT: 10.339 min Scan# 1233
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:180 Resp: 499312

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.3	115.9
145	32.7	25.1	37.7



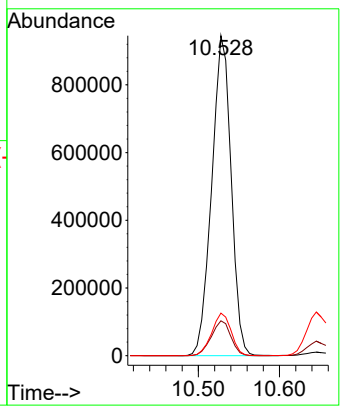


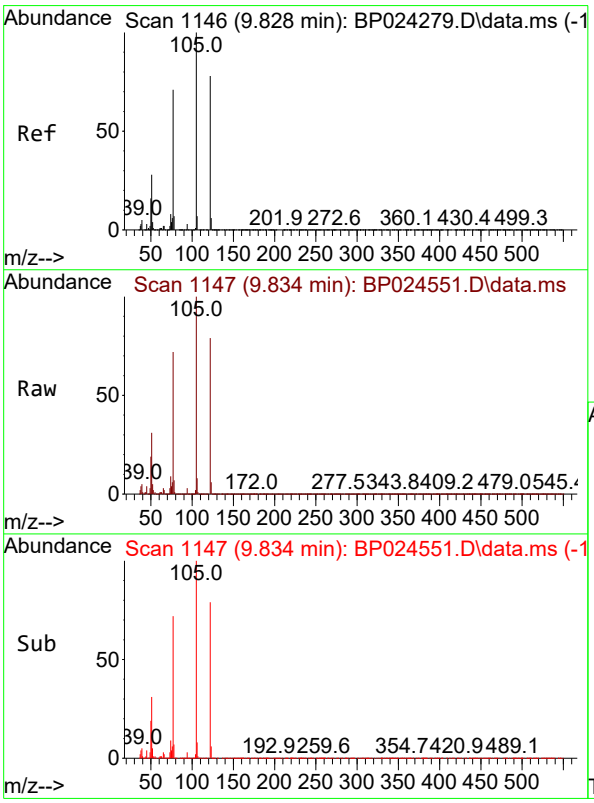
#31
Naphthalene
Concen: 44.113 ng
RT: 10.528 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:128 Resp: 1570867

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.3	10.3	15.5

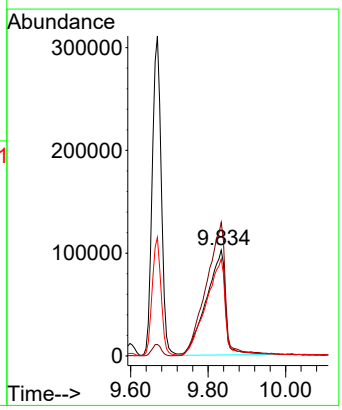


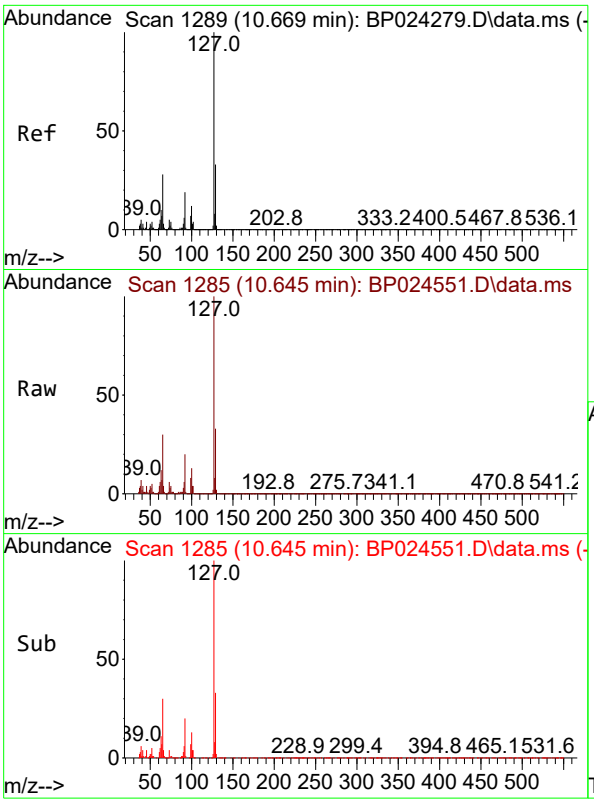


#32
Benzoic acid
Concen: 41.771 ng
RT: 9.834 min Scan# 1147
Delta R.T. 0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:122 Resp: 350764

Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.8	144.8
77	91.6	69.2	109.2



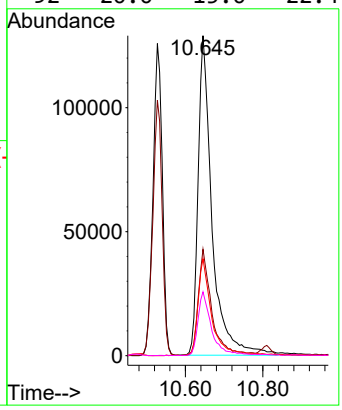


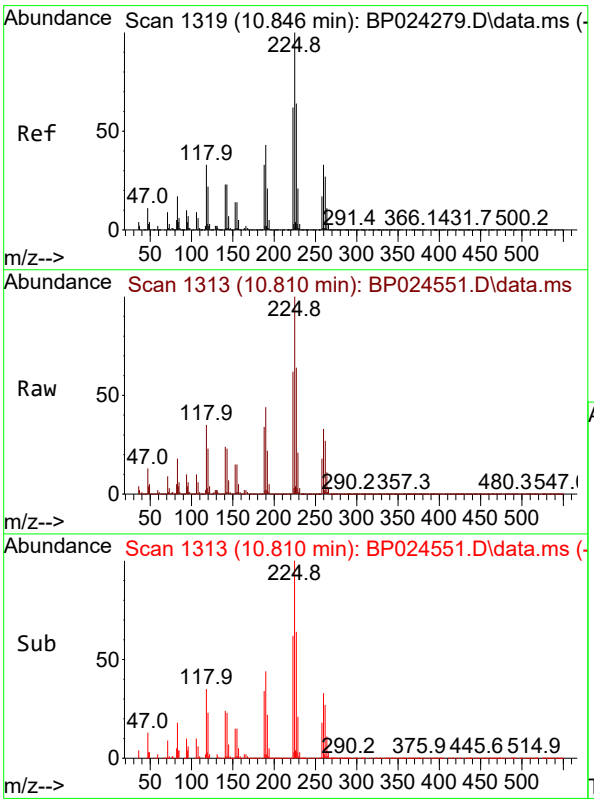
#33
4-Chloroaniline
Concen: 25.679 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:127 Resp: 322028

Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.1	39.1
65	30.3	22.1	33.1
92	20.0	15.0	22.4

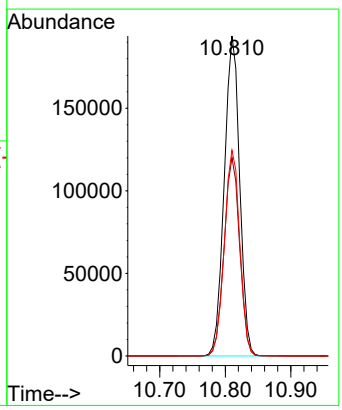


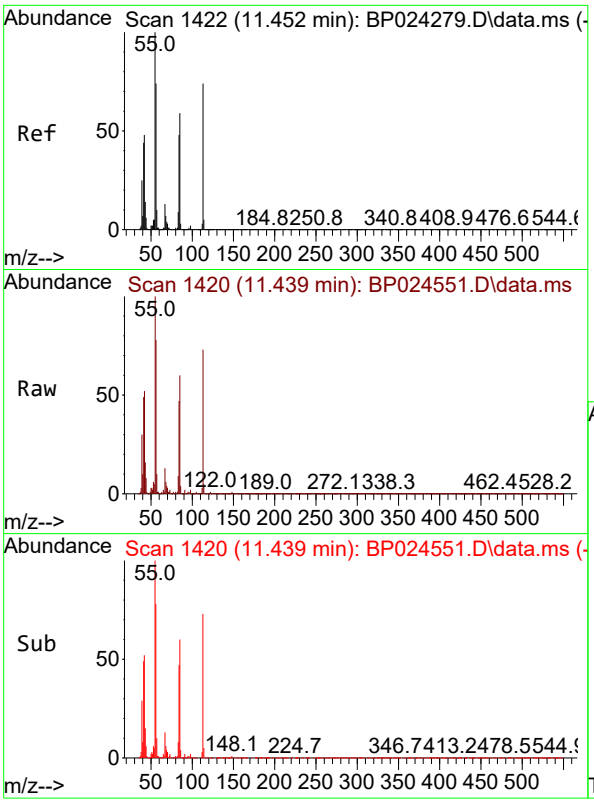


#34
Hexachlorobutadiene
Concen: 50.982 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:225 Resp: 315404

Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.5	74.3
227	64.3	50.9	76.3



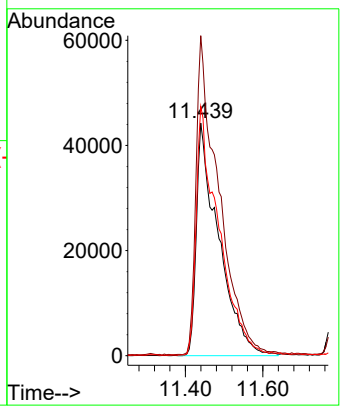


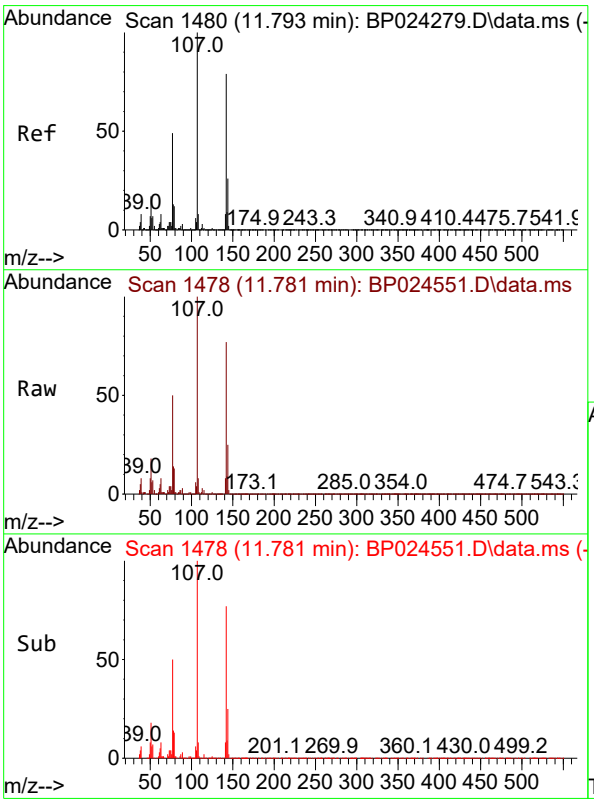
#35
Caprolactam
Concen: 48.331 ng
RT: 11.439 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:113 Resp: 175233

Ion	Ratio	Lower	Upper
113	100		
55	137.5	115.9	155.9
56	107.1	81.1	121.1

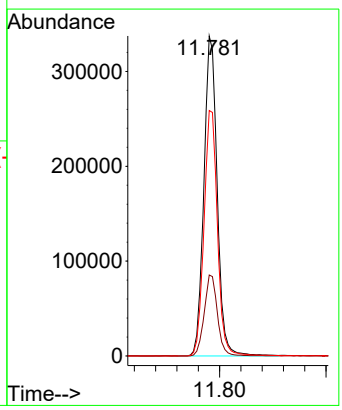


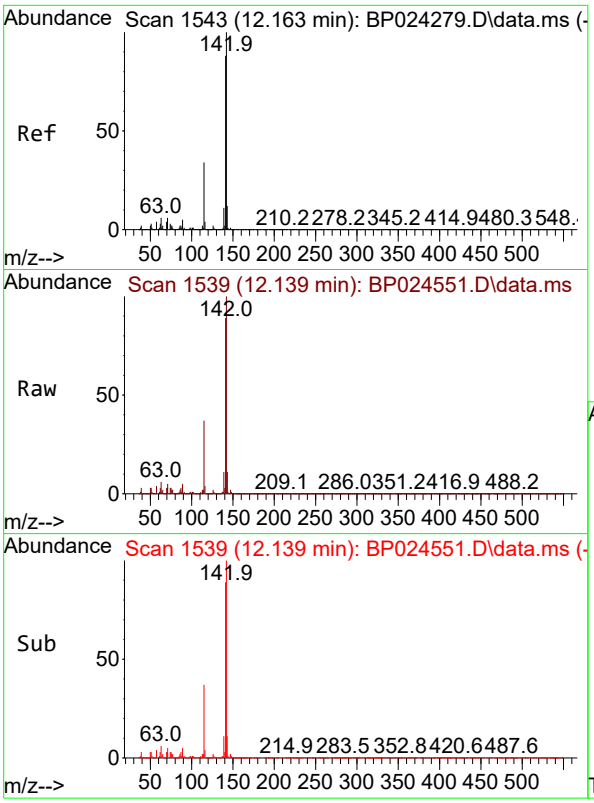


#36
4-Chloro-3-methylphenol
Concen: 51.129 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:107 Resp: 585188

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	76.7	63.4	95.2



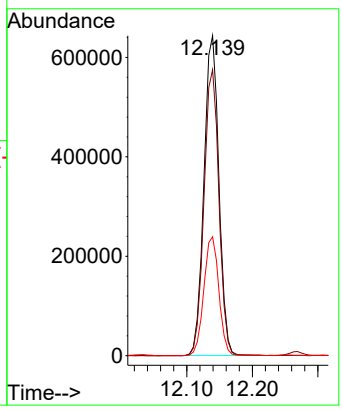


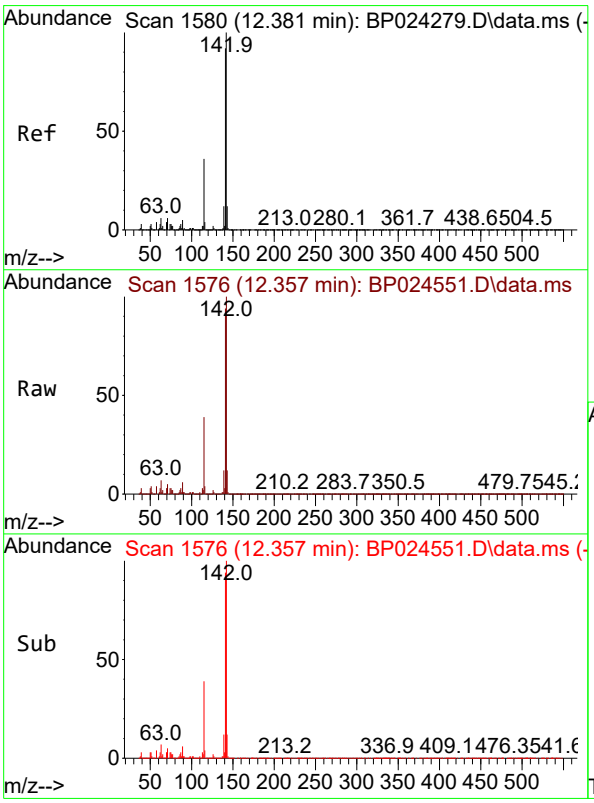
#37
2-Methylnaphthalene
Concen: 41.305 ng
RT: 12.139 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:142 Resp: 1020073

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	37.1	26.9	40.3

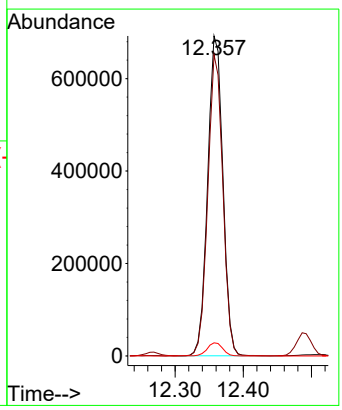


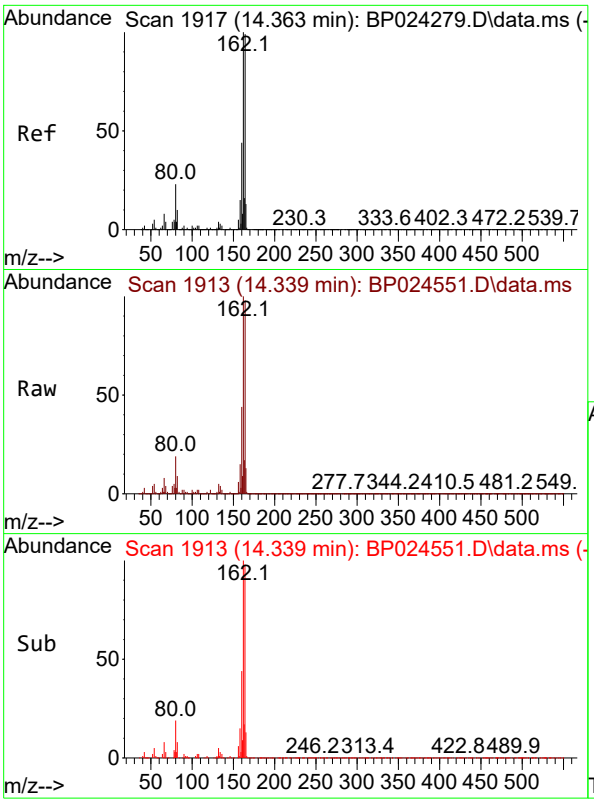


#38
1-Methylnaphthalene
Concen: 44.548 ng
RT: 12.357 min Scan# 1576
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:142 Resp: 1076263

Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.6	110.4
116	4.1	3.0	4.6



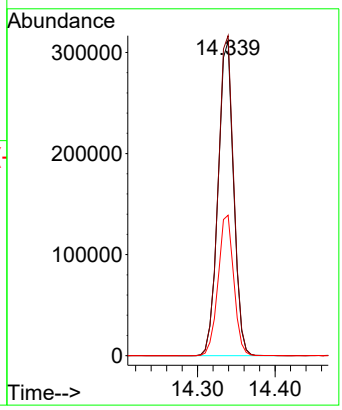


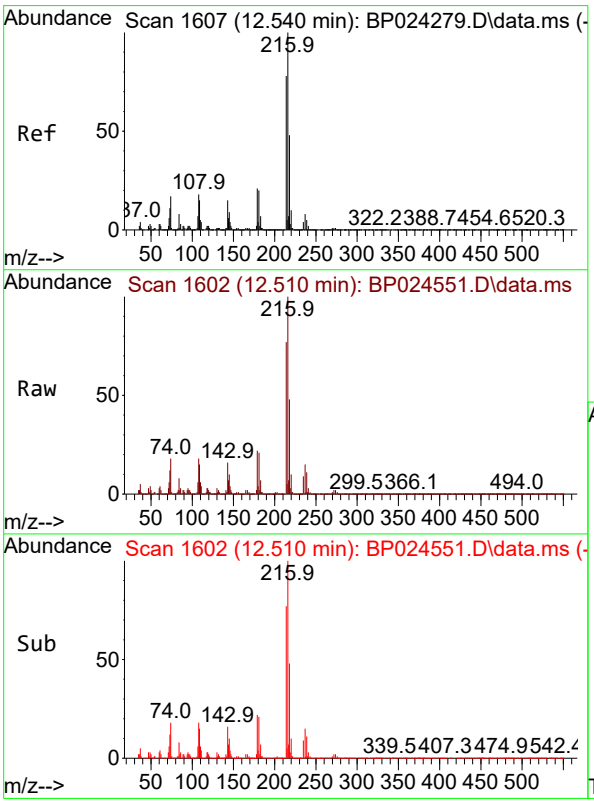
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:164 Resp: 432416

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	44.7	35.3	52.9

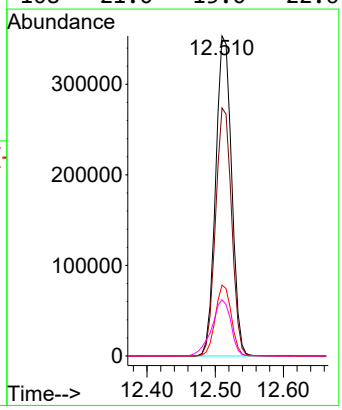


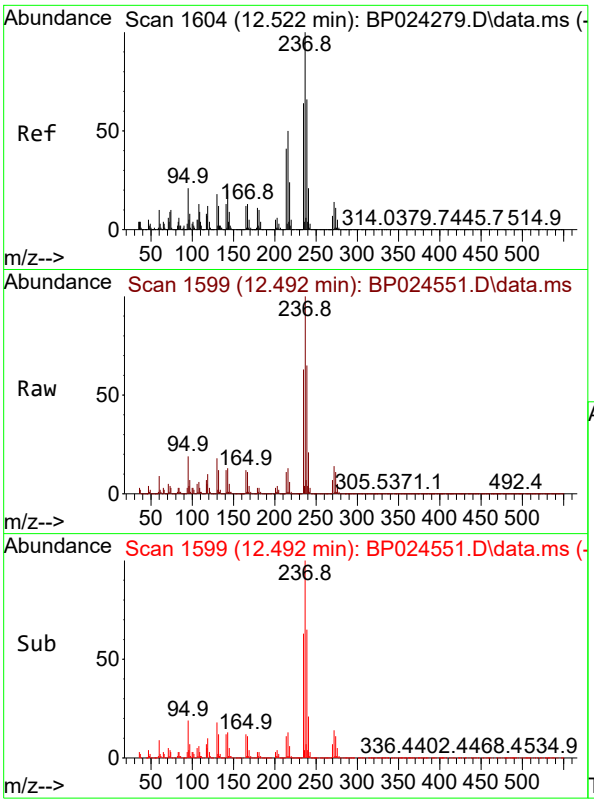


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.415 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:216 Resp: 575732

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.6	93.8
179	22.2	17.2	25.8
108	21.0	15.0	22.6



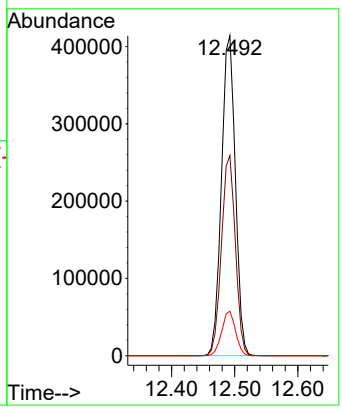


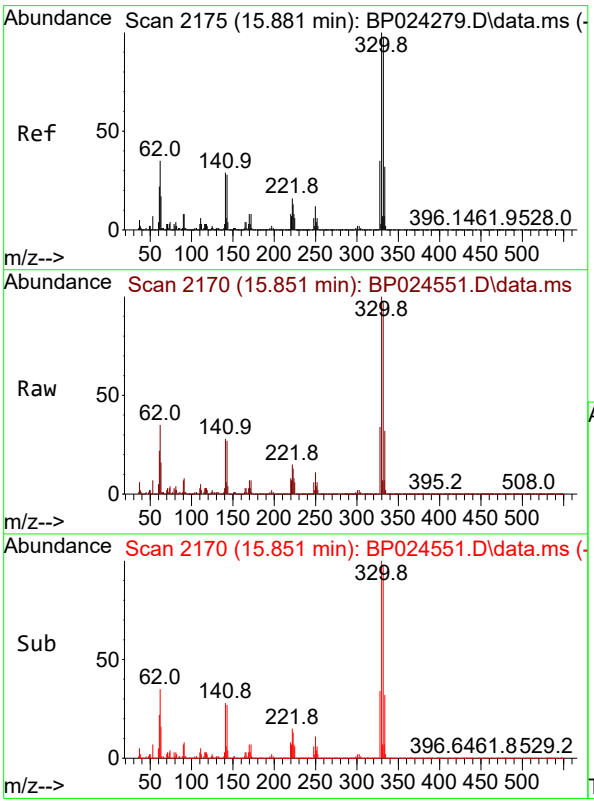
#41
Hexachlorocyclopentadiene
Concen: 150.309 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:237 Resp: 632155

Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.9	83.9
272	13.9	0.0	33.6

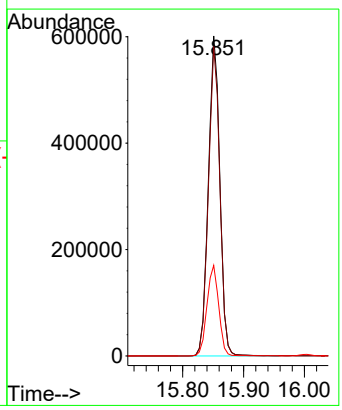


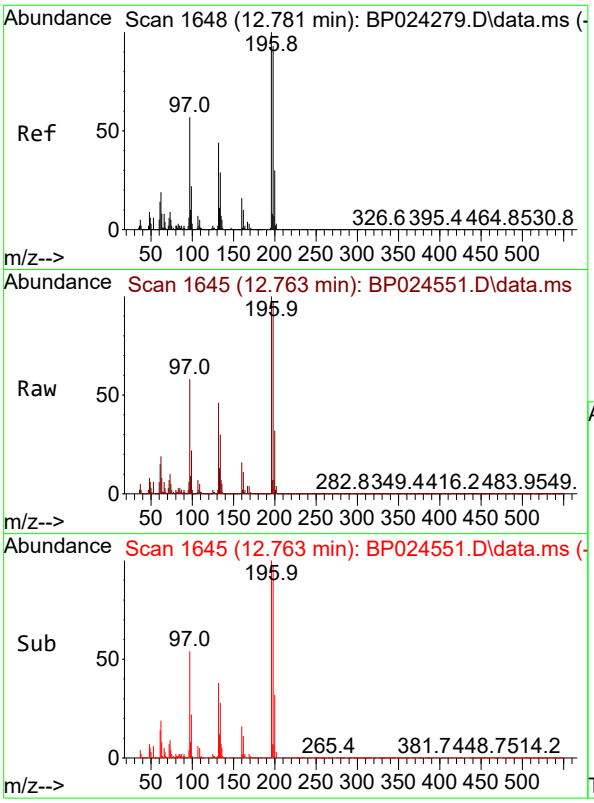


#42
2,4,6-Tribromophenol
Concen: 131.843 ng
RT: 15.851 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:330 Resp: 788779

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	28.9	24.7	37.1



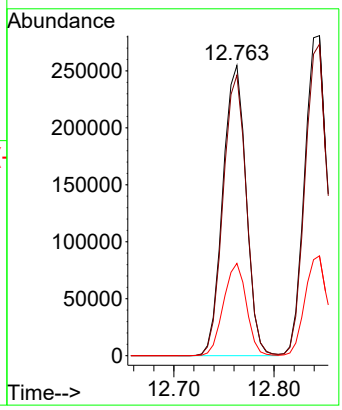


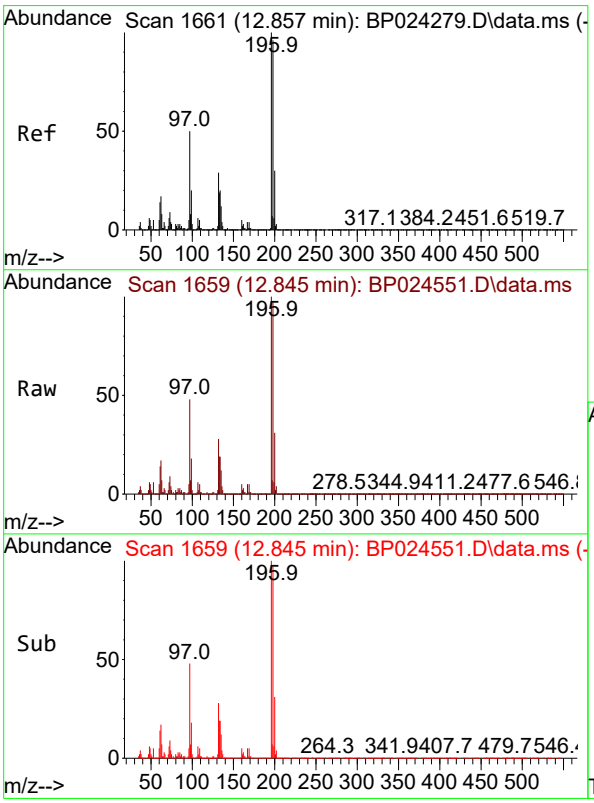
#43
2,4,6-Trichlorophenol
Concen: 52.069 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:196 Resp: 411666

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.3	111.5
200	31.8	24.0	36.0

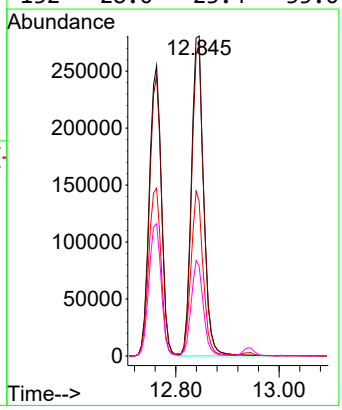


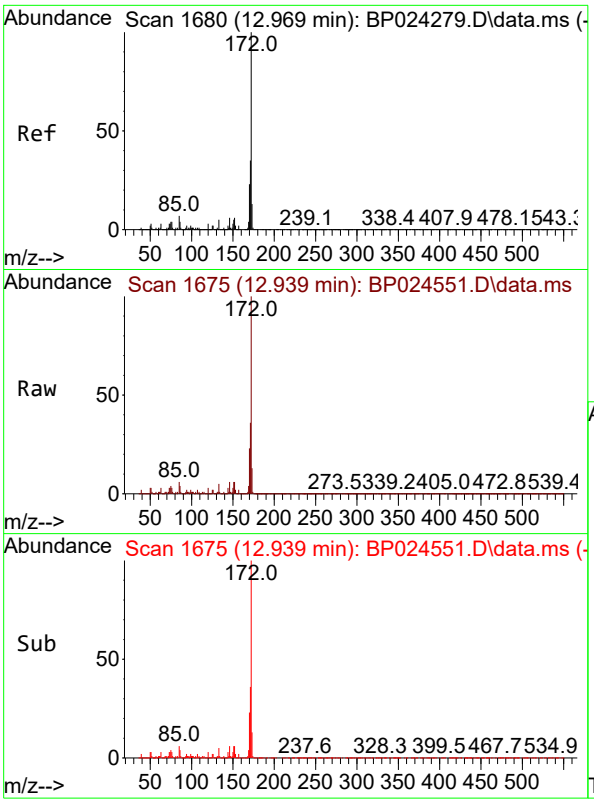


#44
2,4,5-Trichlorophenol
Concen: 52.733 ng
RT: 12.845 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:196 Resp: 461673

Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.3	115.9
97	48.2	40.4	60.6
132	28.0	23.4	35.0



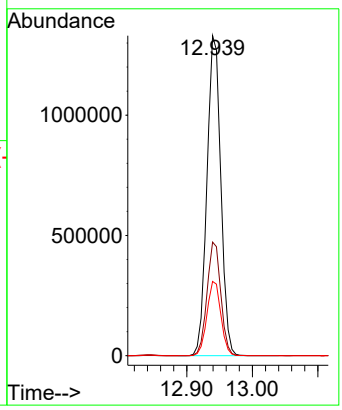


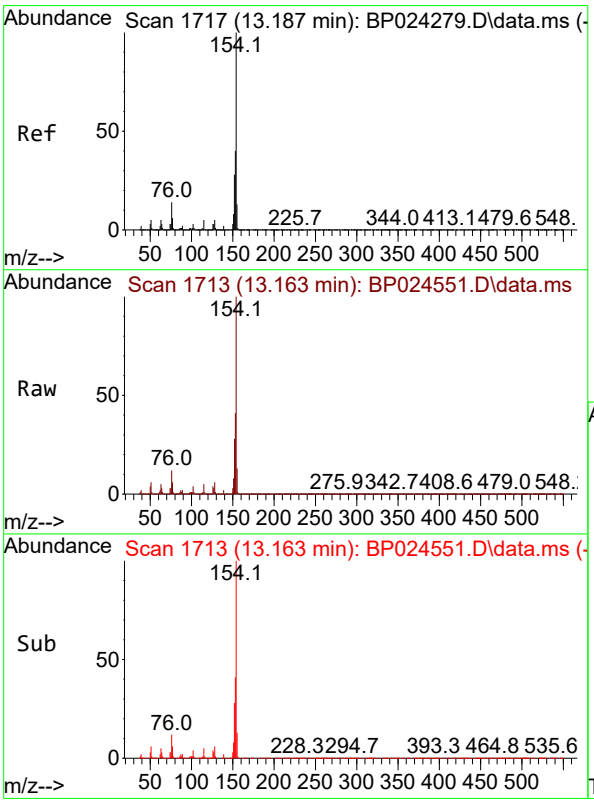
#45
2-Fluorobiphenyl
Concen: 69.192 ng
RT: 12.939 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:172 Resp: 1954117

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.2	18.6	27.8

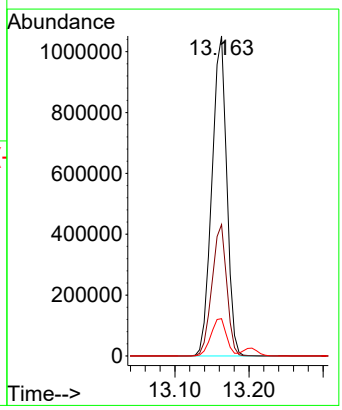


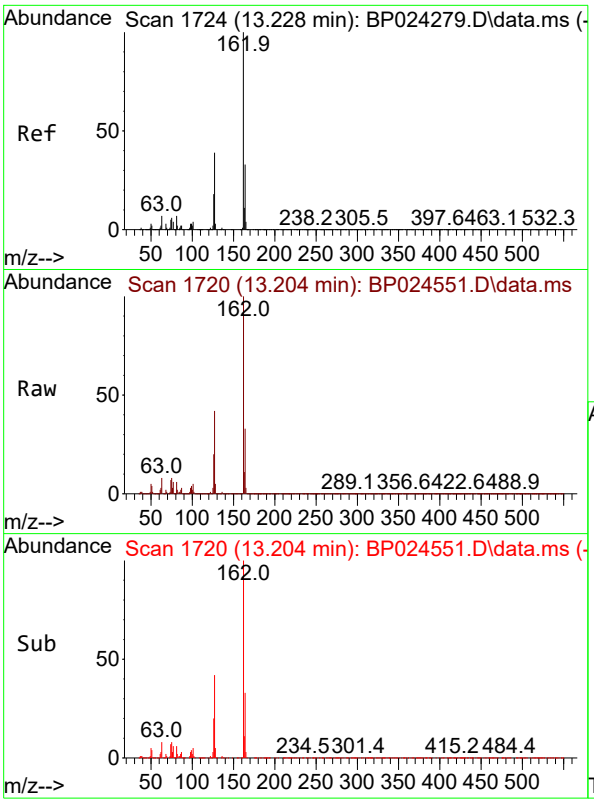


#46
1,1'-Biphenyl
Concen: 45.976 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:154 Resp: 1461354

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	11.6	0.0	33.5



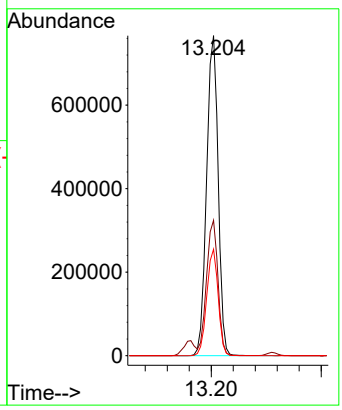


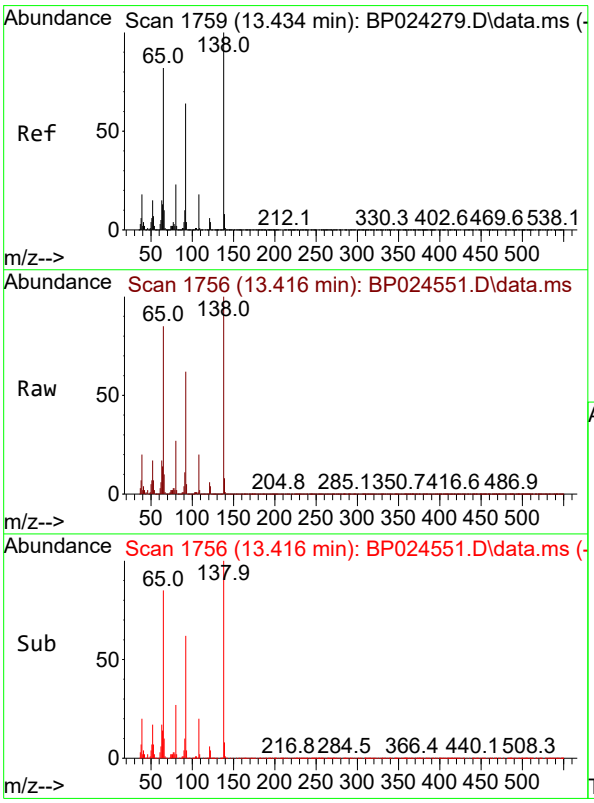
#47
2-Chloronaphthalene
Concen: 46.919 ng
RT: 13.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:162 Resp: 1114576

Ion	Ratio	Lower	Upper
162	100		
127	42.3	31.9	47.9
164	33.2	26.2	39.4

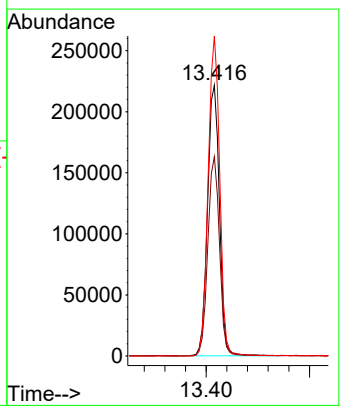


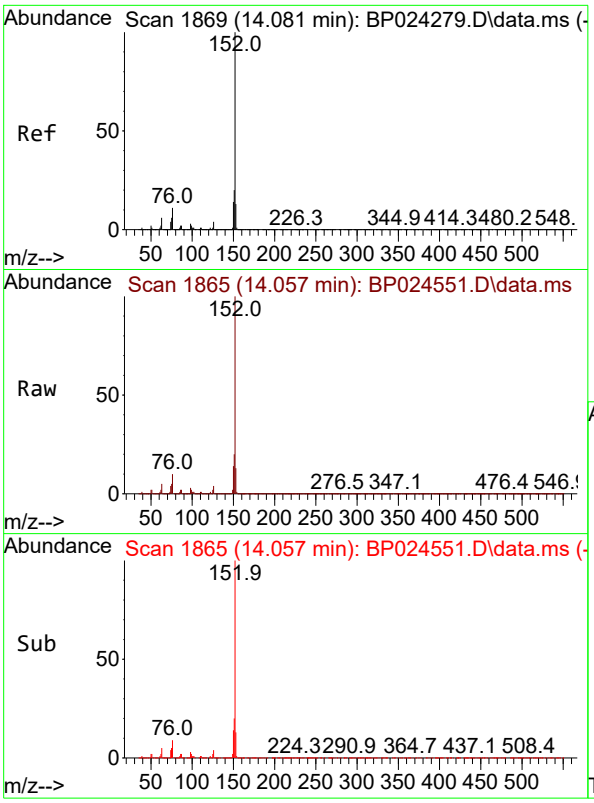


#48
2-Nitroaniline
Concen: 53.022 ng
RT: 13.416 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion: 65 Resp: 353316

Ion	Ratio	Lower	Upper
65	100		
92	73.6	62.3	93.5
138	118.2	97.2	145.8



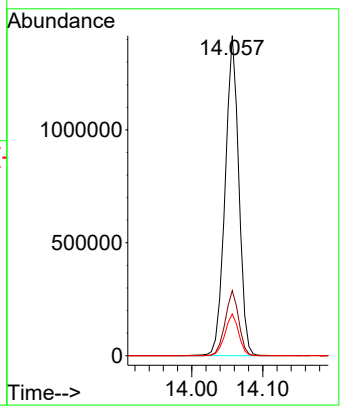


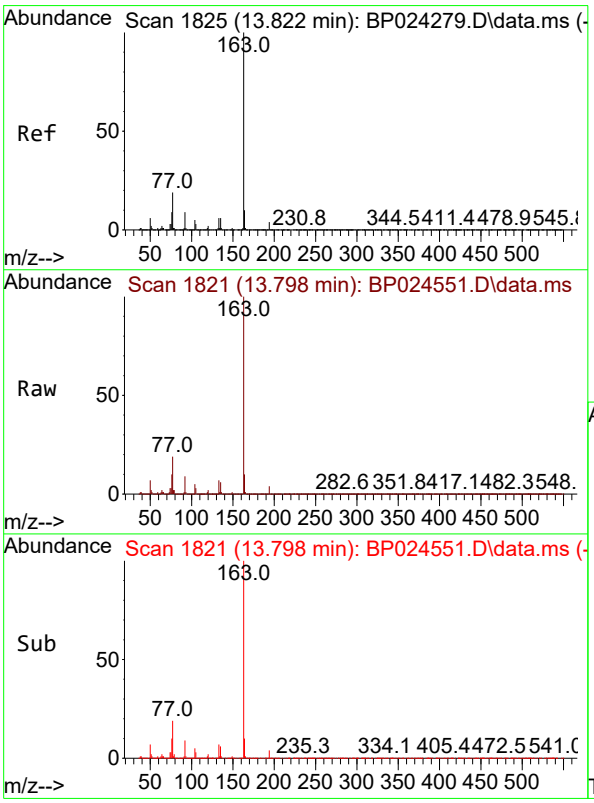
#49
Acenaphthylene
Concen: 50.525 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:152 Resp: 1889705

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.1	10.6	15.8

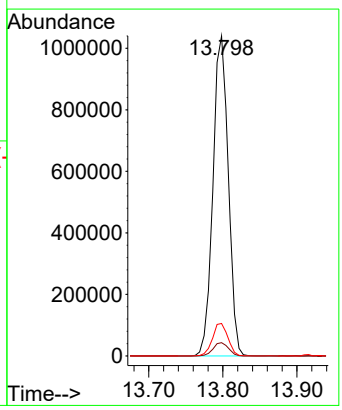


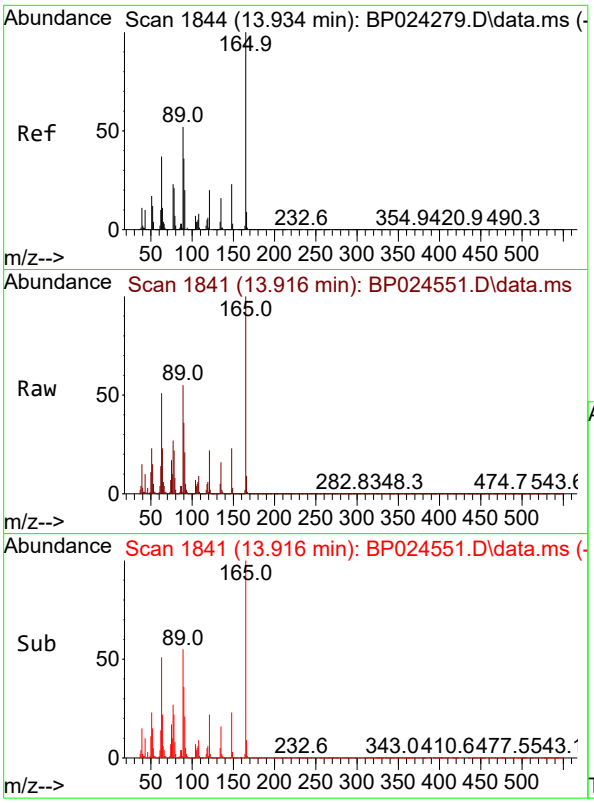


#50
Dimethylphthalate
Concen: 47.523 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:163 Resp: 1494426

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.0	12.0



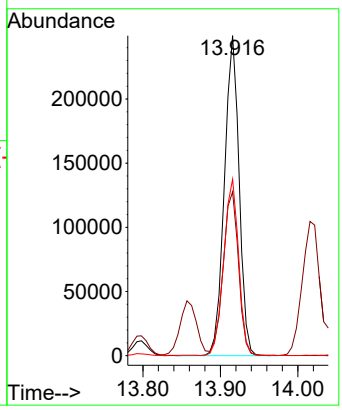


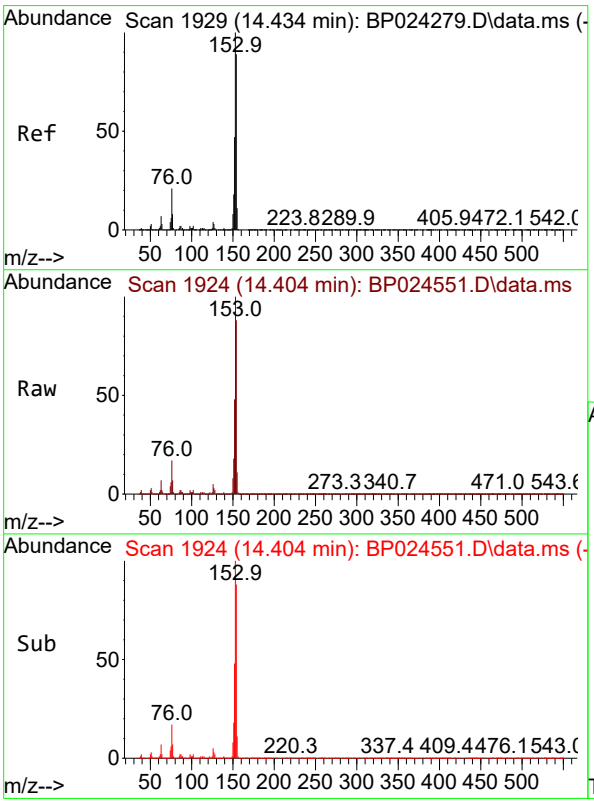
#51
2,6-Dinitrotoluene
Concen: 49.290 ng
RT: 13.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:165 Resp: 329135

Ion	Ratio	Lower	Upper
165	100		
63	51.2	38.0	57.0
89	55.1	41.7	62.5

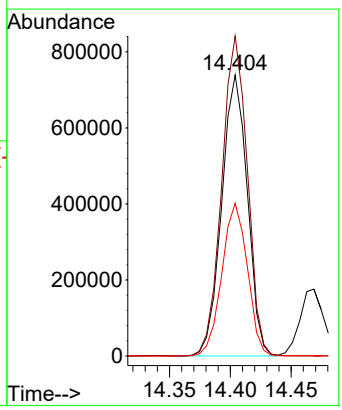


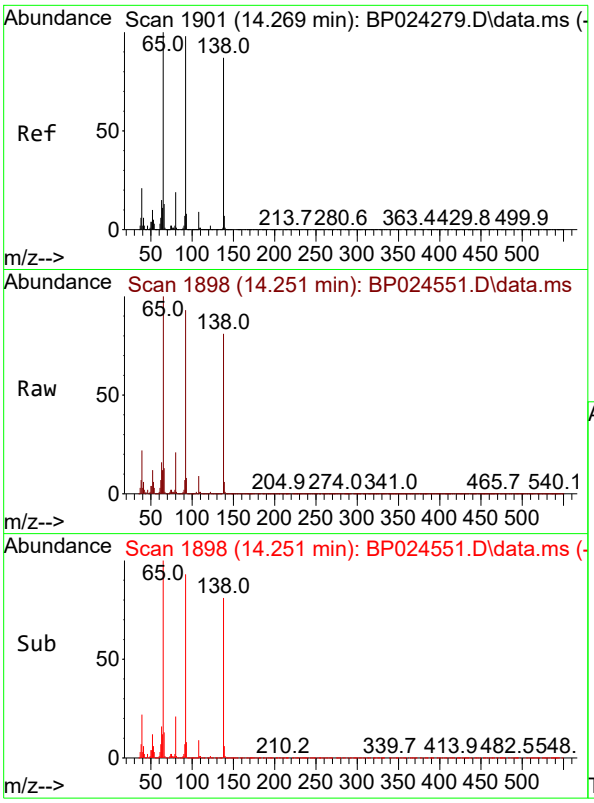


#52
Acenaphthene
Concen: 45.617 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:154 Resp: 1081628

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	54.4	42.6	63.8



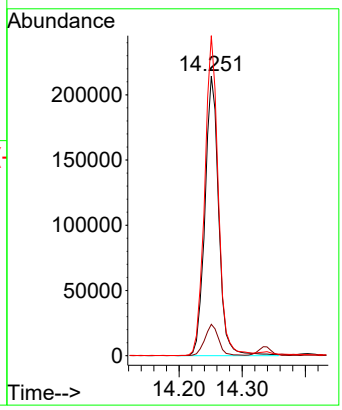


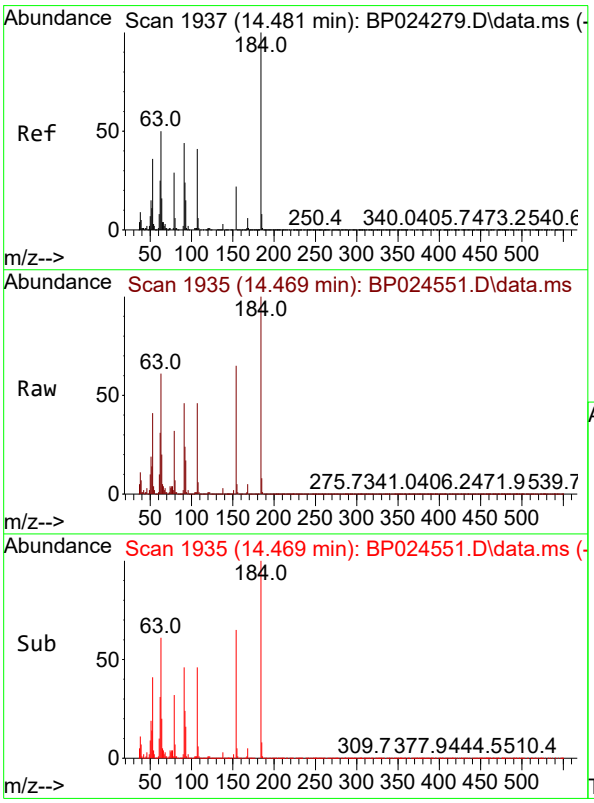
#53
3-Nitroaniline
Concen: 46.412 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:138 Resp: 325726

Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.3	12.5
92	114.5	89.8	134.8

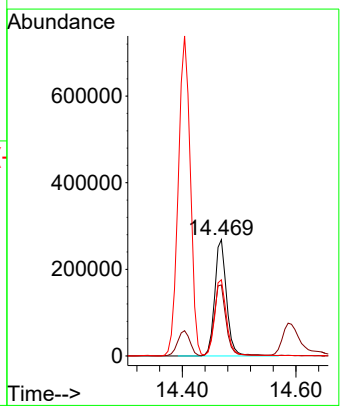


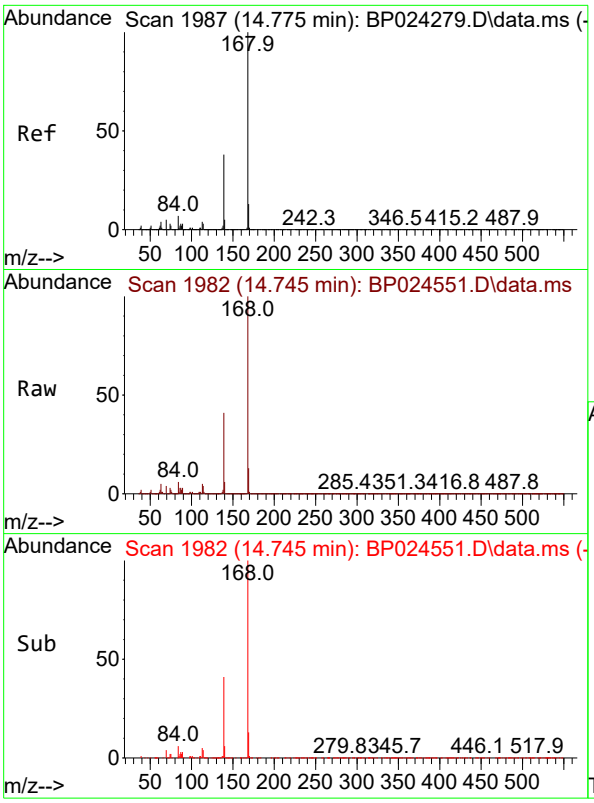


#54
2,4-Dinitrophenol
Concen: 98.477 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:184 Resp: 387344

Ion	Ratio	Lower	Upper
184	100		
63	61.0	42.6	64.0
154	65.5	47.2	70.8



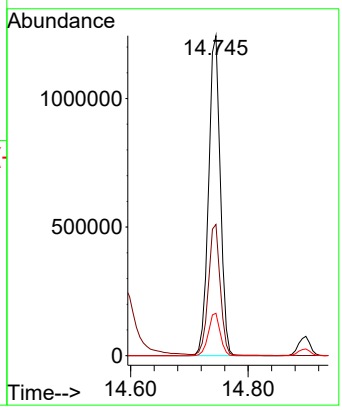


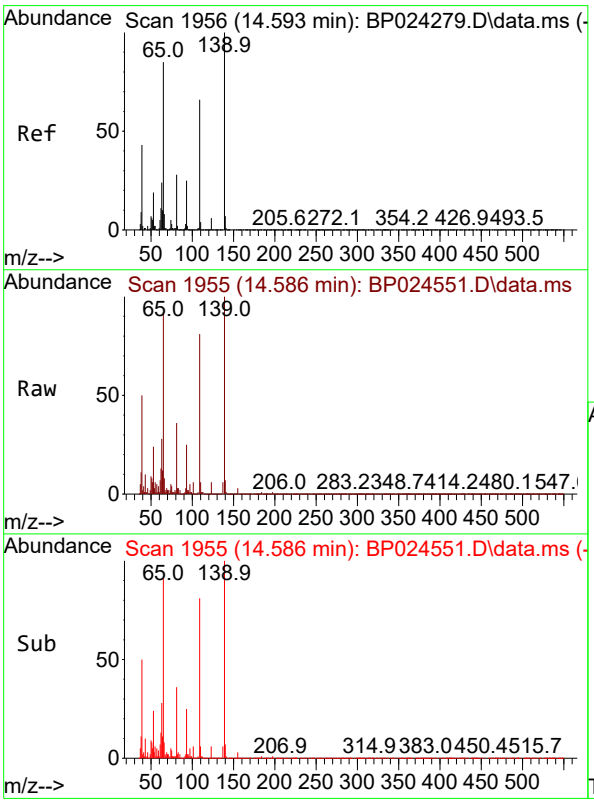
#55
Dibenzofuran
Concen: 44.351 ng
RT: 14.745 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:168 Resp: 1718937

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.3	45.5
169	13.3	10.6	16.0

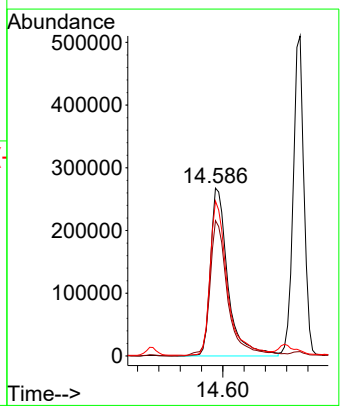


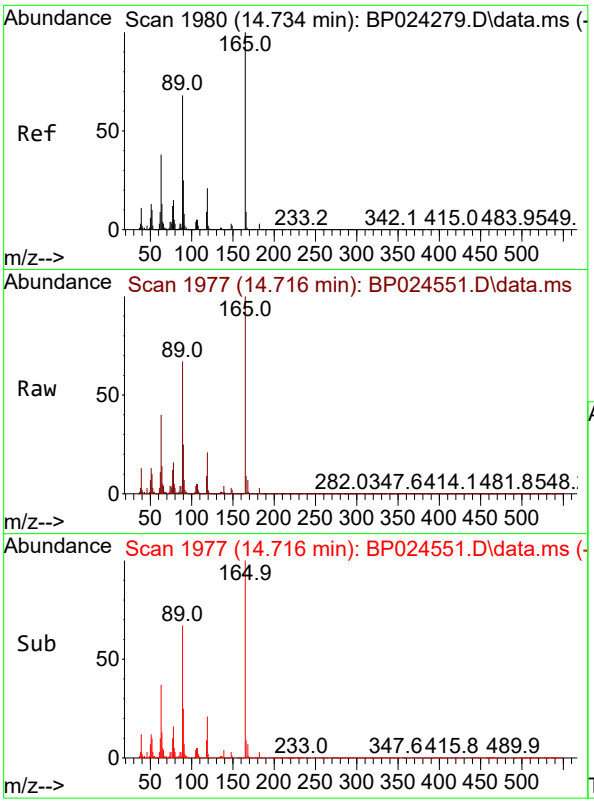


#56
4-Nitrophenol
Concen: 100.330 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:139 Resp: 608126

Ion	Ratio	Lower	Upper
139	100		
109	80.6	46.1	86.1
65	92.3	65.0	105.0



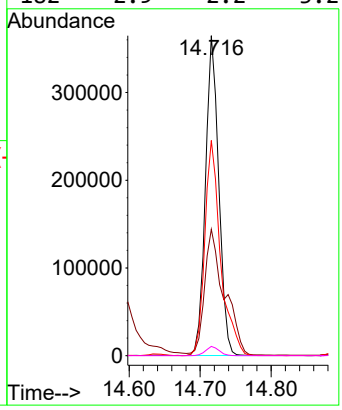


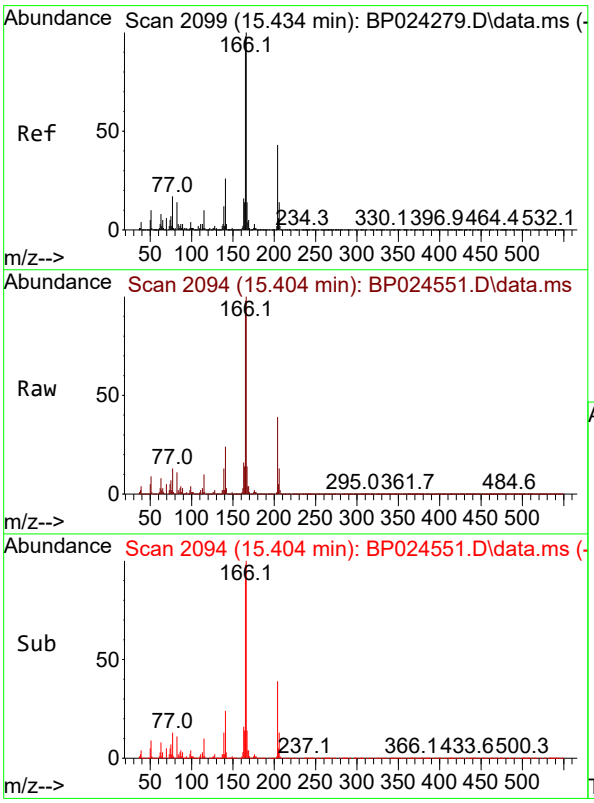
#57
2,4-Dinitrotoluene
Concen: 52.214 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:165 Resp: 475616

Ion	Ratio	Lower	Upper
165	100		
63	39.5	30.4	45.6
89	67.2	54.6	82.0
182	2.9	2.2	3.2

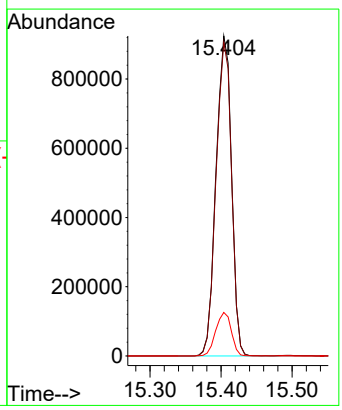


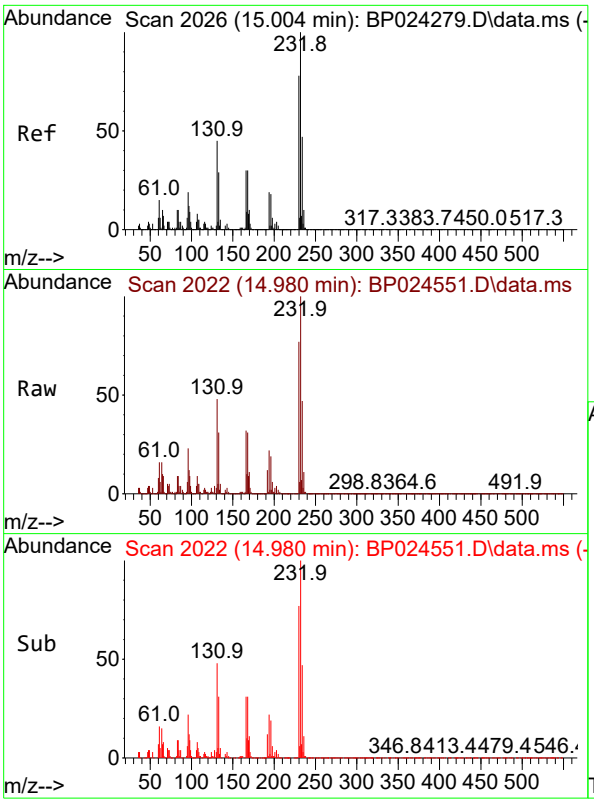


#58
Fluorene
Concen: 46.501 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:166 Resp: 1395185

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.6	10.9	16.3



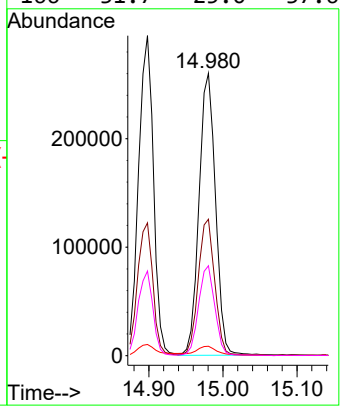


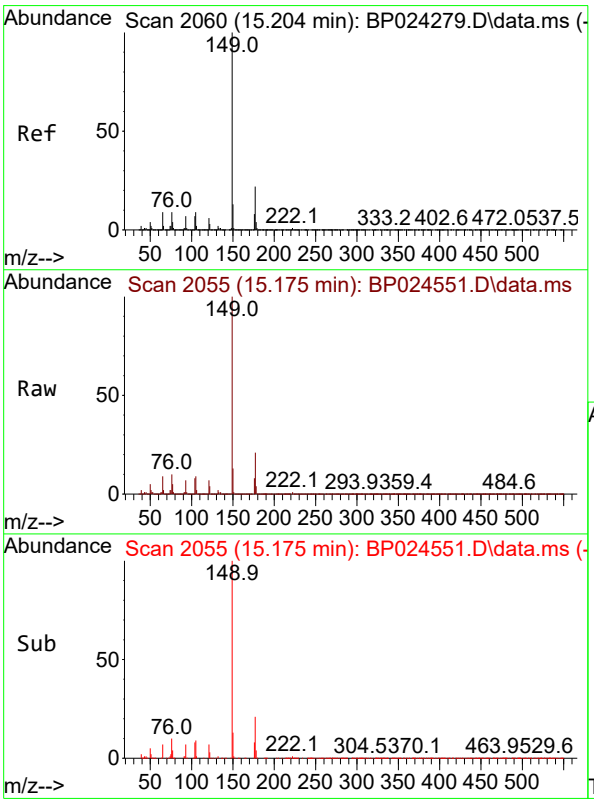
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.790 ng
RT: 14.980 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:232 Resp: 402043

Ion	Ratio	Lower	Upper
232	100		
131	48.5	36.8	55.2
130	4.1	1.9	2.9#
166	31.7	25.0	37.6

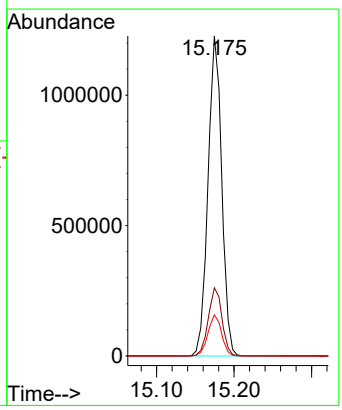


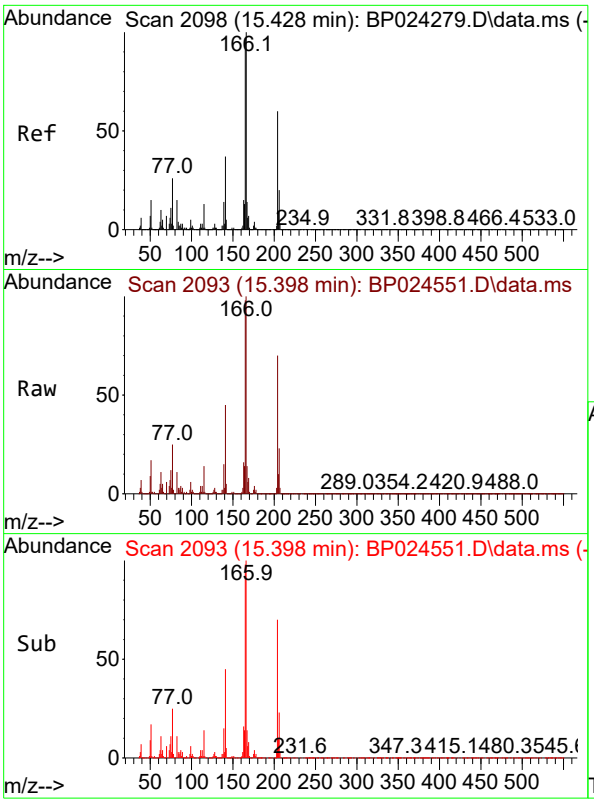


#60
Diethylphthalate
Concen: 46.500 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:149 Resp: 1506873

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.8	10.1	15.1



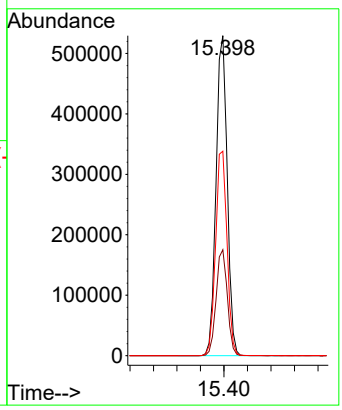


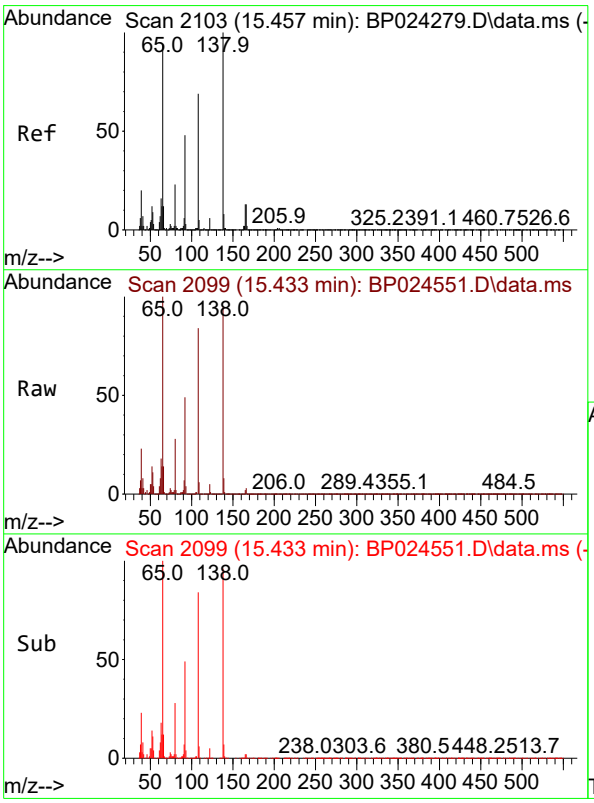
#61
4-Chlorophenyl-phenylether
Concen: 47.792 ng
RT: 15.398 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:204 Resp: 696326

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.9	49.4	74.0

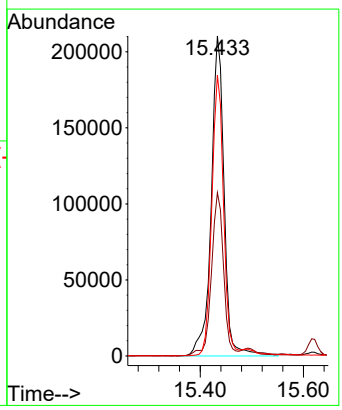


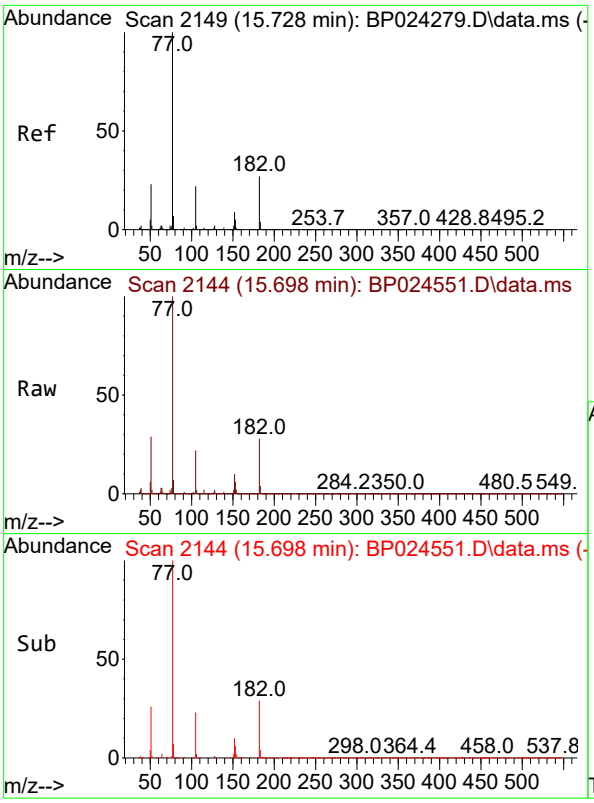


#62
4-Nitroaniline
Concen: 49.208 ng
RT: 15.433 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:138 Resp: 365589

Ion	Ratio	Lower	Upper
138	100		
92	51.0	27.8	67.8
108	87.8	48.9	88.9



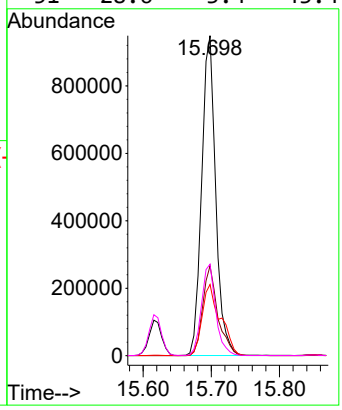


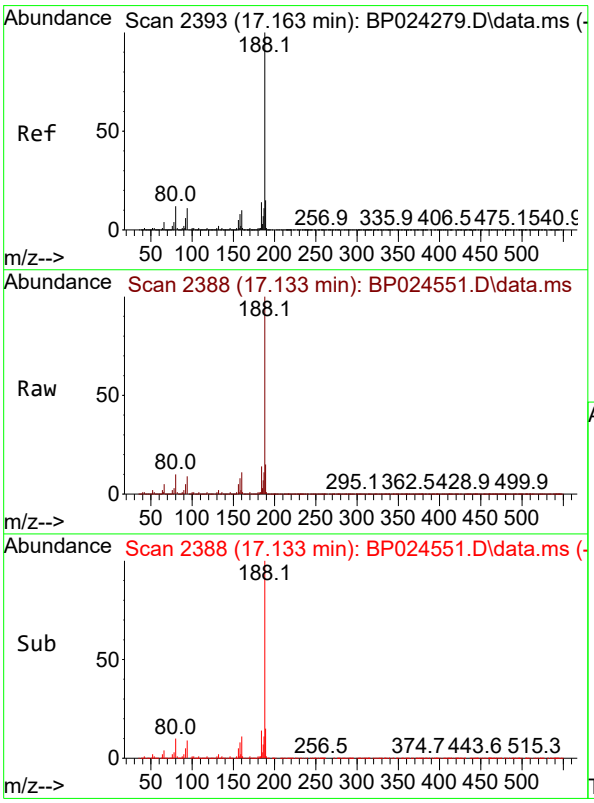
#63
Azobenzene
Concen: 45.530 ng
RT: 15.698 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion: 77 Resp: 1356084

Ion	Ratio	Lower	Upper
77	100		
182	28.1	7.3	47.3
105	22.3	2.3	42.3
51	28.6	3.4	43.4

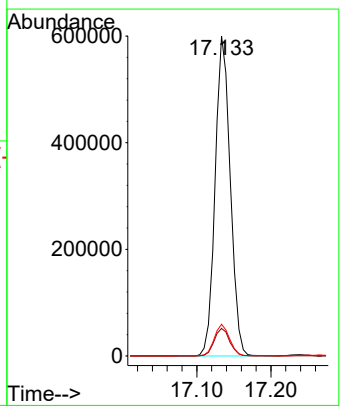


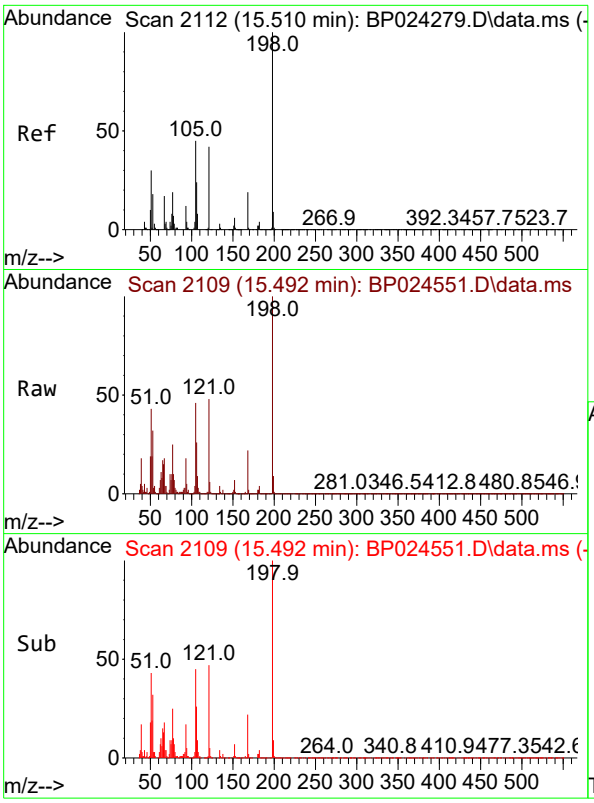


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:188 Resp: 848825

Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.6	13.0#
80	9.9	9.8	14.6



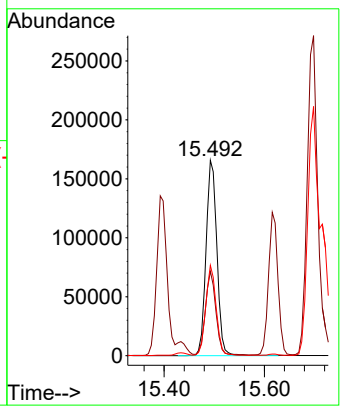


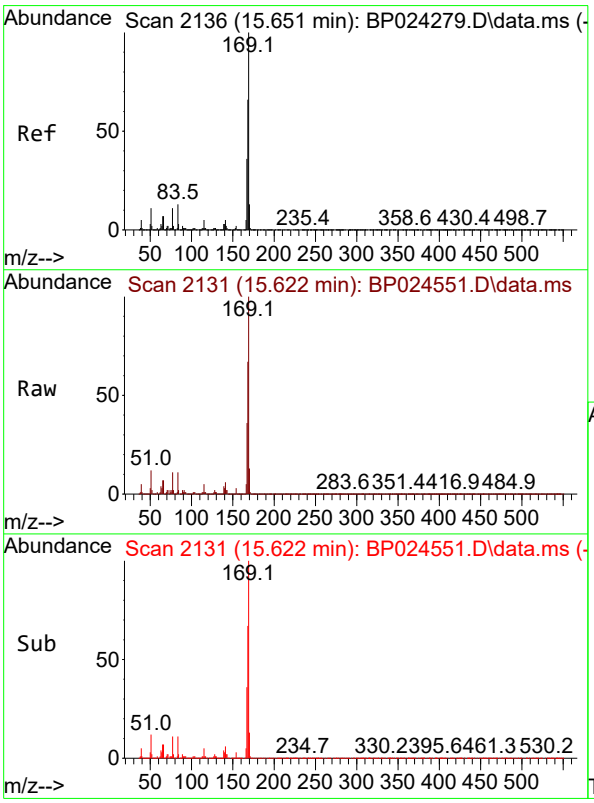
#65
4,6-Dinitro-2-methylphenol
Concen: 46.727 ng
RT: 15.492 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:198 Resp: 250062

Ion	Ratio	Lower	Upper
198	100		
51	43.2	18.4	58.4
105	46.3	26.5	66.5

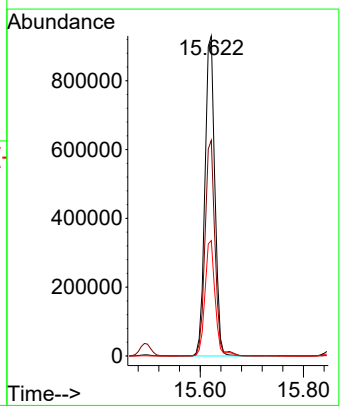


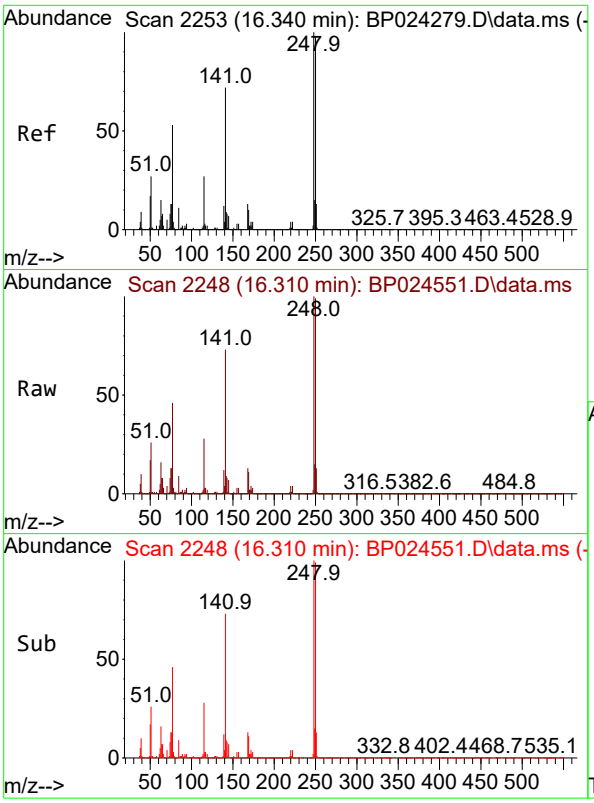


#66
n-Nitrosodiphenylamine
Concen: 48.575 ng
RT: 15.622 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:169 Resp: 1230658

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.0	79.4
167	36.0	28.9	43.3



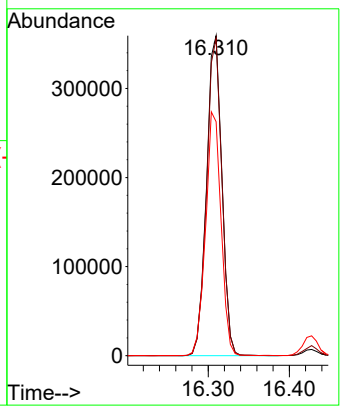


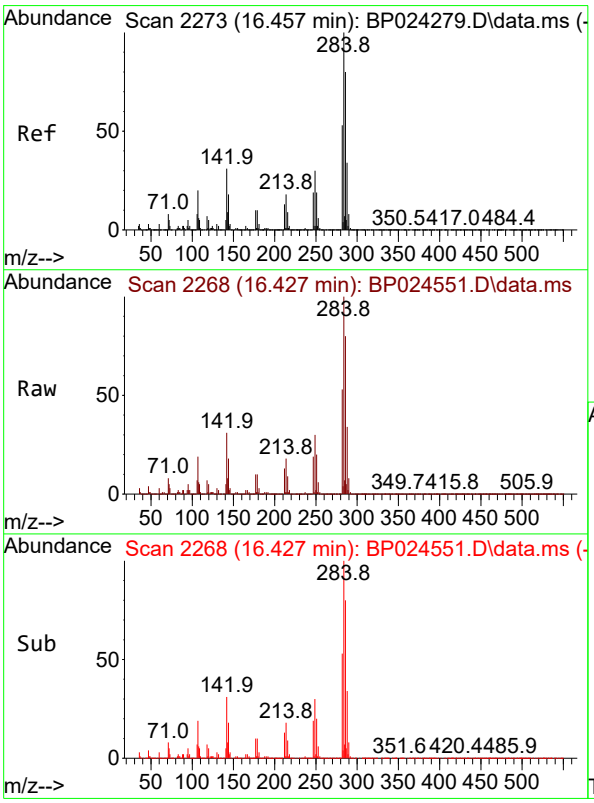
#67
4-Bromophenyl-phenylether
Concen: 50.805 ng
RT: 16.310 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:248 Resp: 471643

Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.2	117.4
141	73.1	57.7	86.5

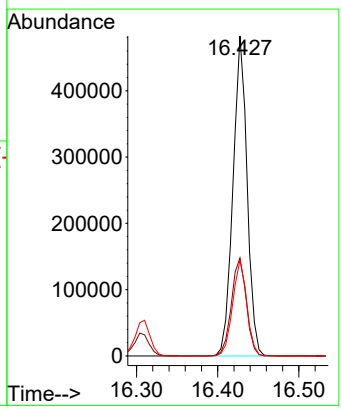


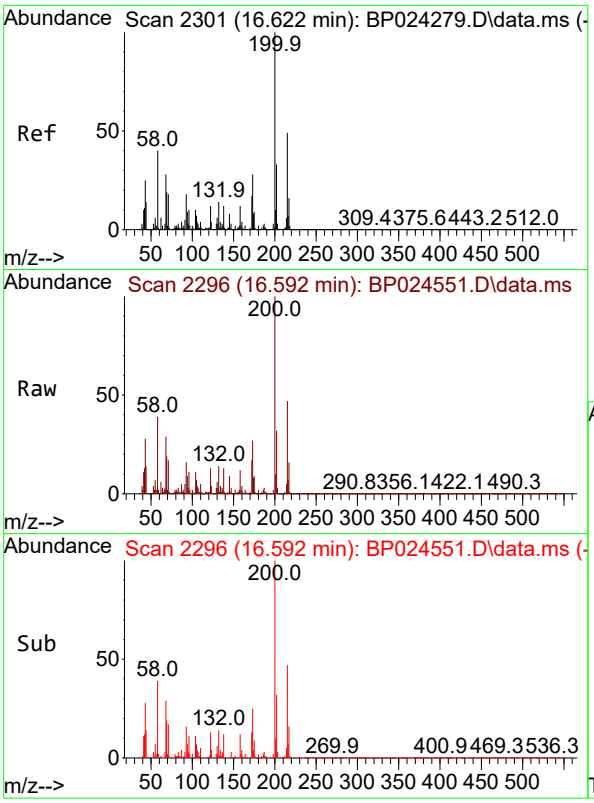


#68
Hexachlorobenzene
Concen: 52.652 ng
RT: 16.427 min Scan# 2268
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:284 Resp: 580819

Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.6	37.0
249	30.0	23.8	35.6



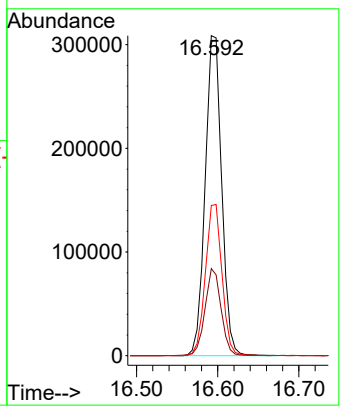


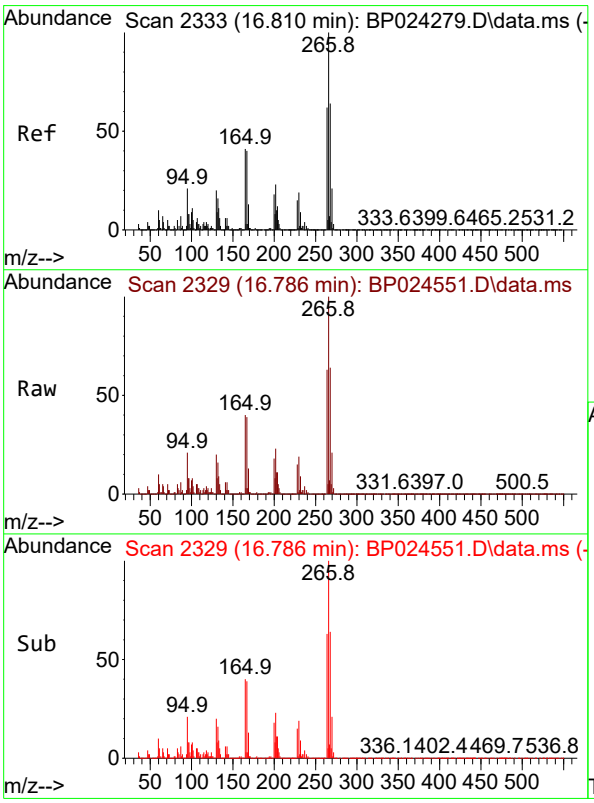
#69
Atrazine
Concen: 67.383 ng
RT: 16.592 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:200 Resp: 434806

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.5	47.5
215	46.9	28.8	68.8

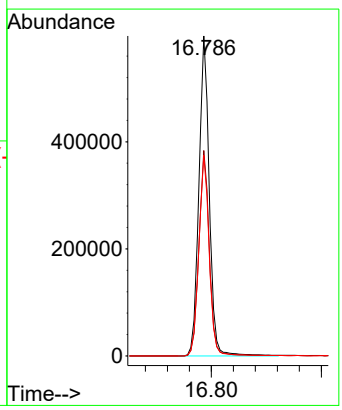


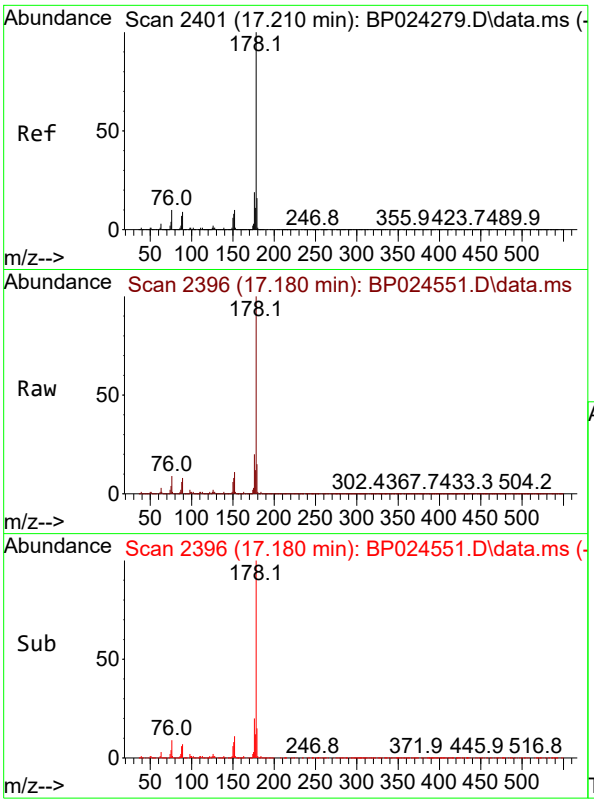


#70
Pentachlorophenol
Concen: 102.330 ng
RT: 16.786 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:266 Resp: 787505

Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.0	76.6
264	62.7	49.8	74.6



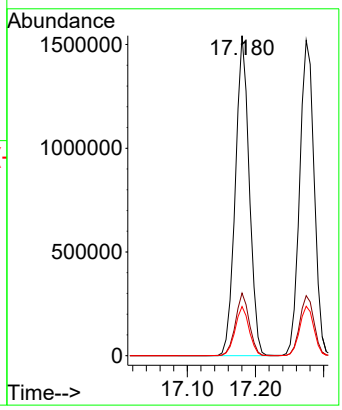


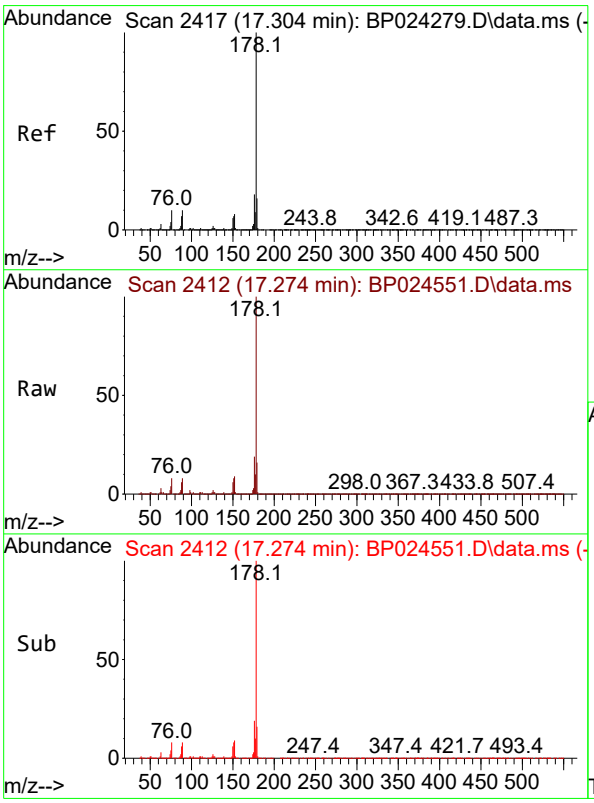
#71
Phenanthrene
Concen: 47.243 ng
RT: 17.180 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:178 Resp: 2187622

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.3	12.5	18.7

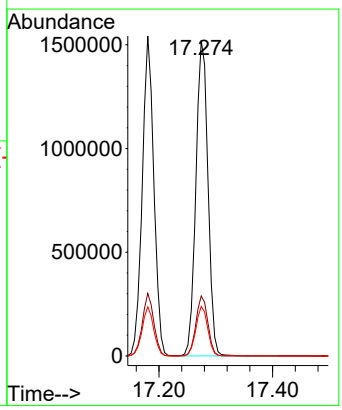


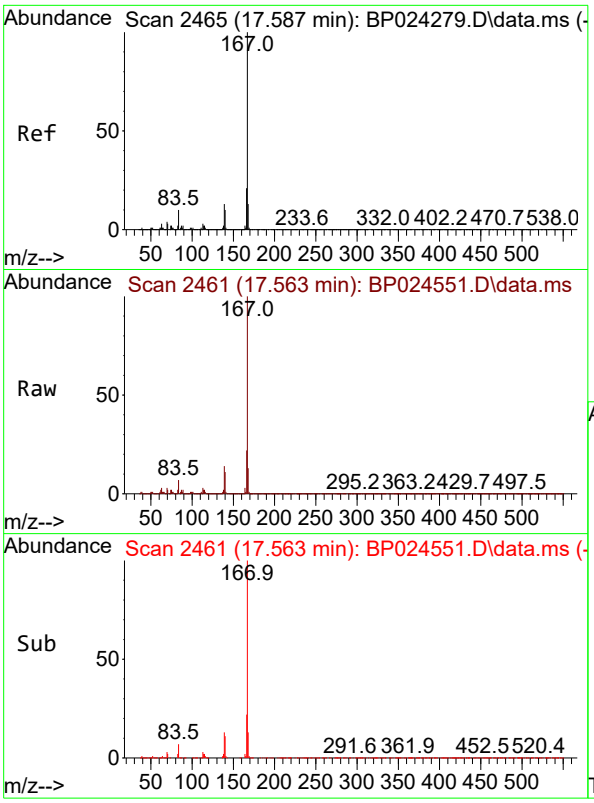


#72
Anthracene
Concen: 50.458 ng
RT: 17.274 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:178 Resp: 2251877

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	15.7	12.4	18.6



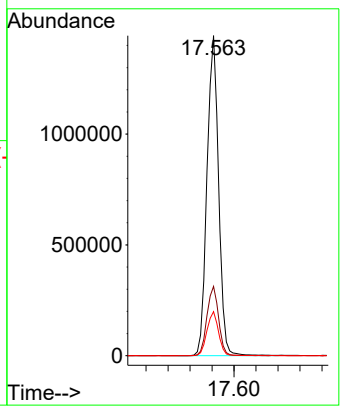


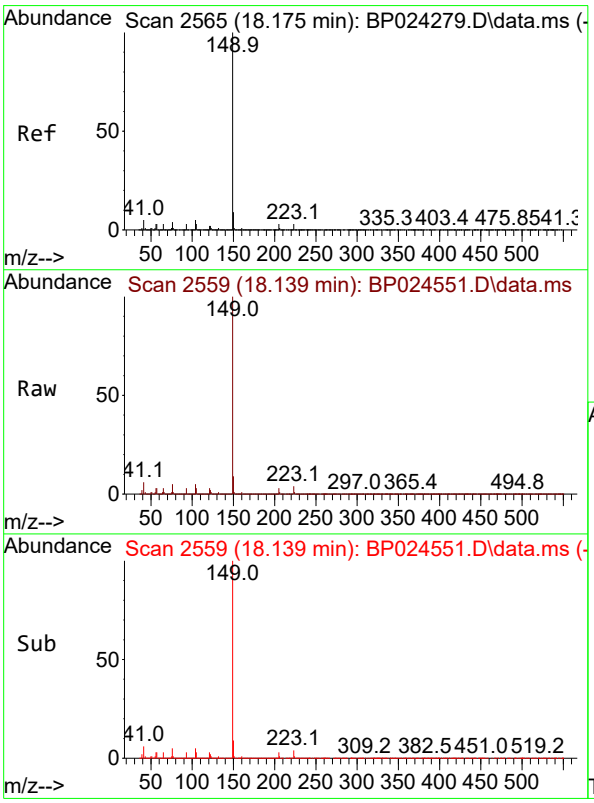
#73
Carbazole
Concen: 48.329 ng
RT: 17.563 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:167 Resp: 2107444

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.7	10.6	16.0

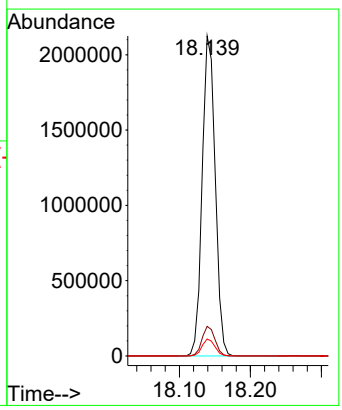


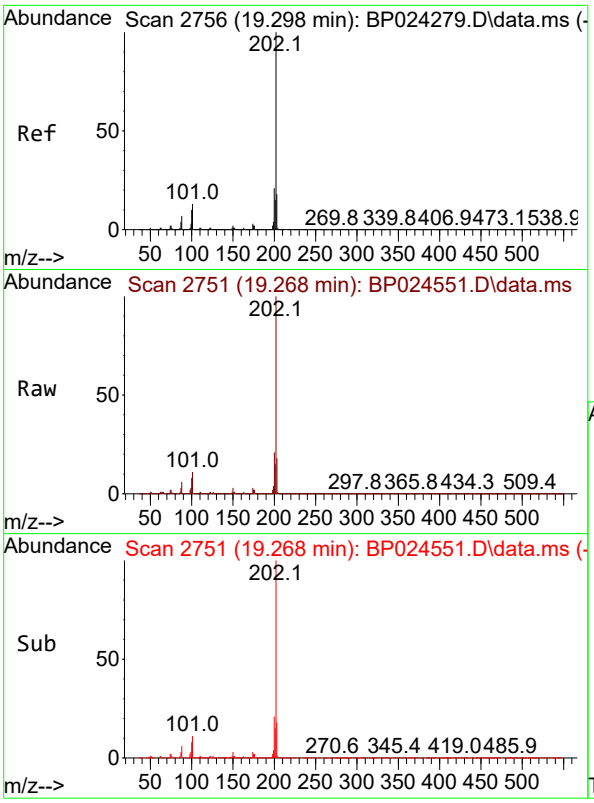


#74
Di-n-butylphthalate
Concen: 49.992 ng
RT: 18.139 min Scan# 2559
Delta R.T. -0.018 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:149 Resp: 2715929

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.3	3.9	5.9



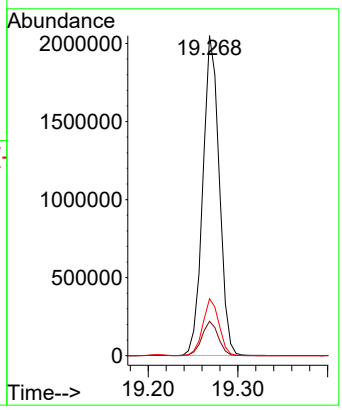


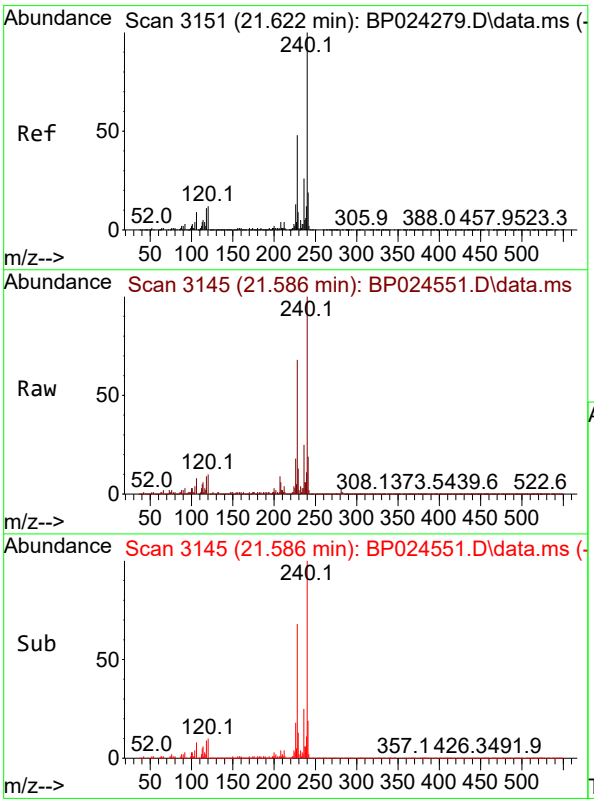
#75
Fluoranthene
Concen: 47.151 ng
RT: 19.268 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:202 Resp: 2596718

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.2
203	17.8	0.0	37.7

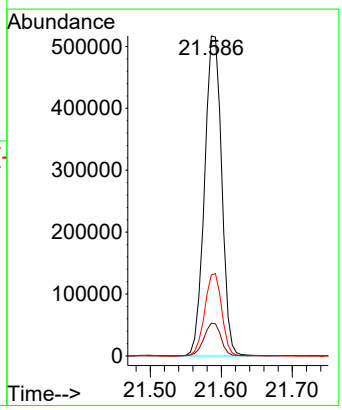


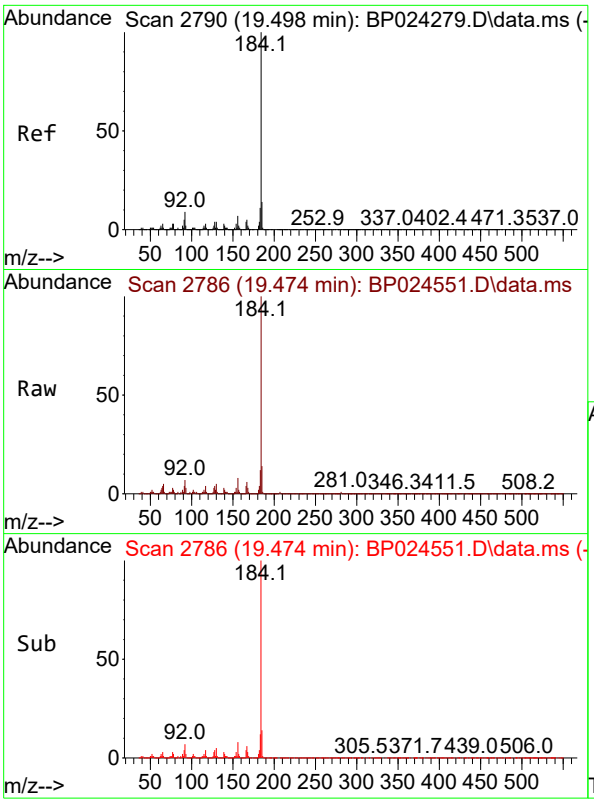


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:240 Resp: 867916

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.8	14.8
236	25.4	20.9	31.3



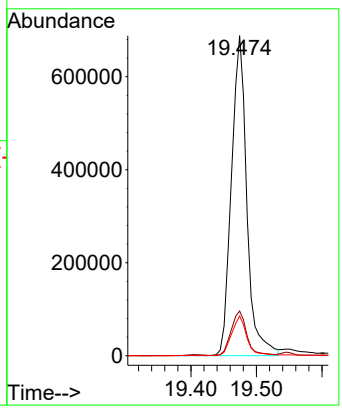


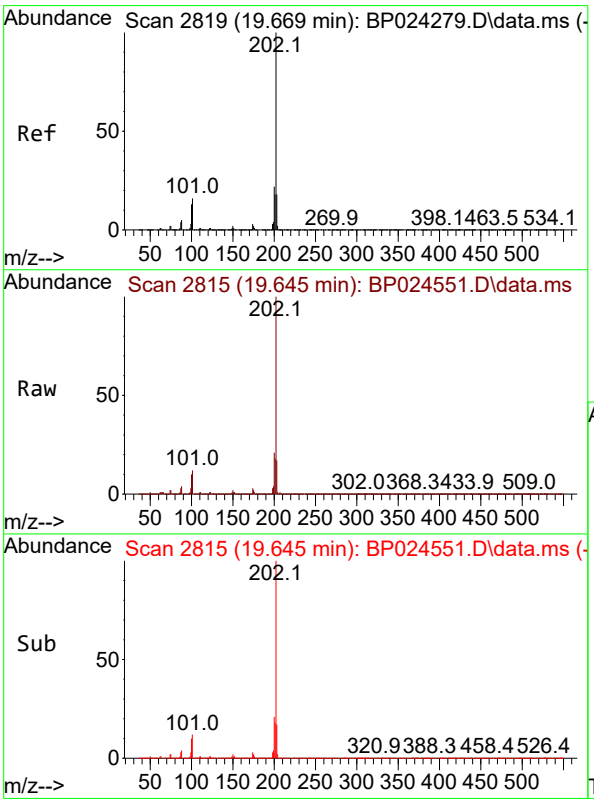
#77
Benzidine
Concen: 102.144 ng
RT: 19.474 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:184 Resp: 1123745

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.6	17.4
183	12.4	9.2	13.8

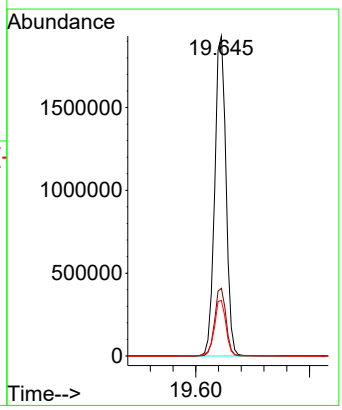


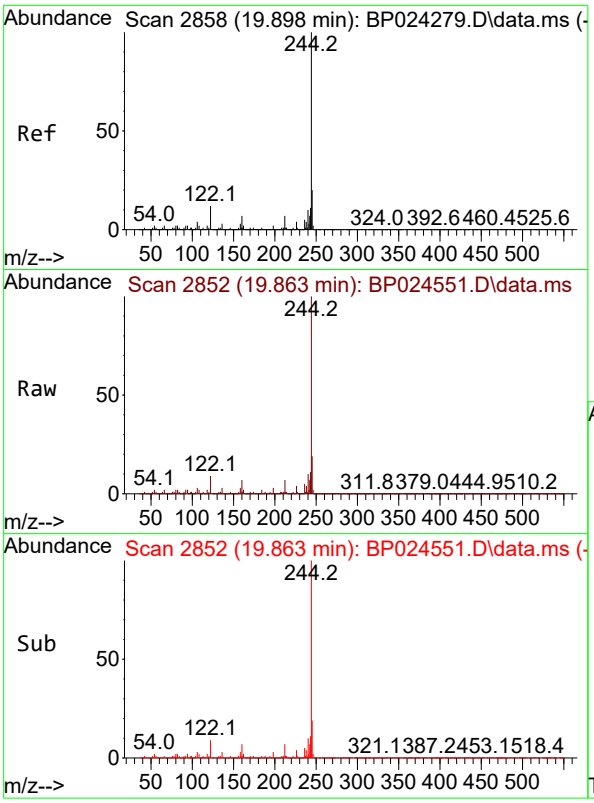


#78
Pyrene
Concen: 47.959 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:202 Resp: 2645299

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.4	21.6



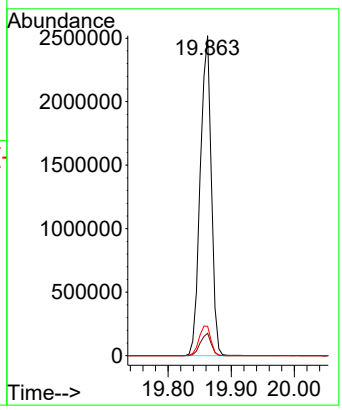


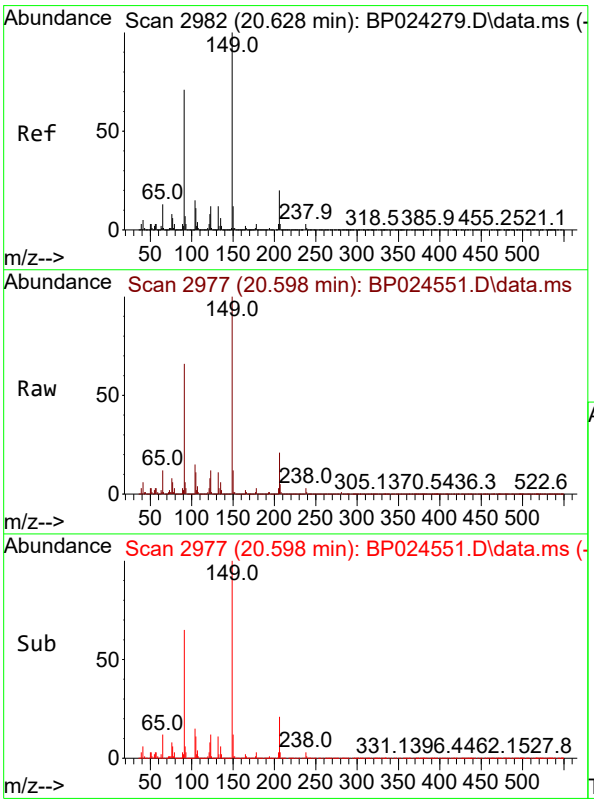
#79
Terphenyl-d14
Concen: 70.931 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:244 Resp: 3054230

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.2	9.4	14.0#

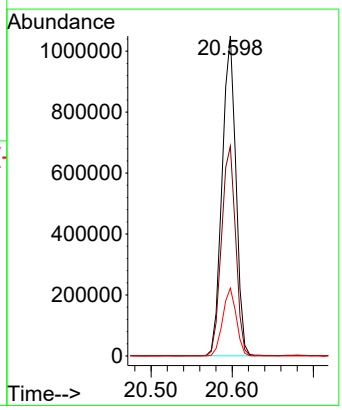


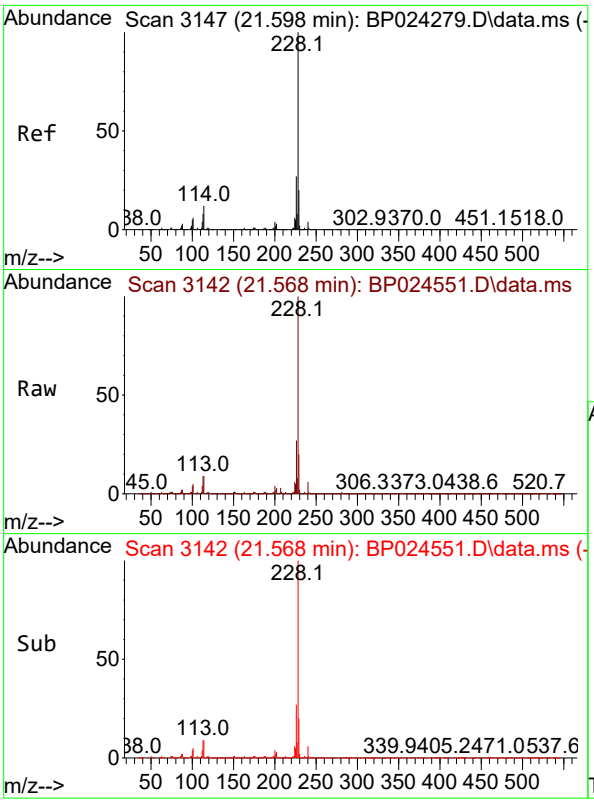


#80
Butylbenzylphthalate
Concen: 52.637 ng
RT: 20.598 min Scan# 2977
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:149 Resp: 1243545

Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.4	84.6
206	21.2	16.3	24.5



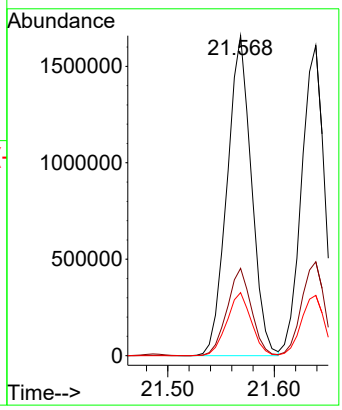


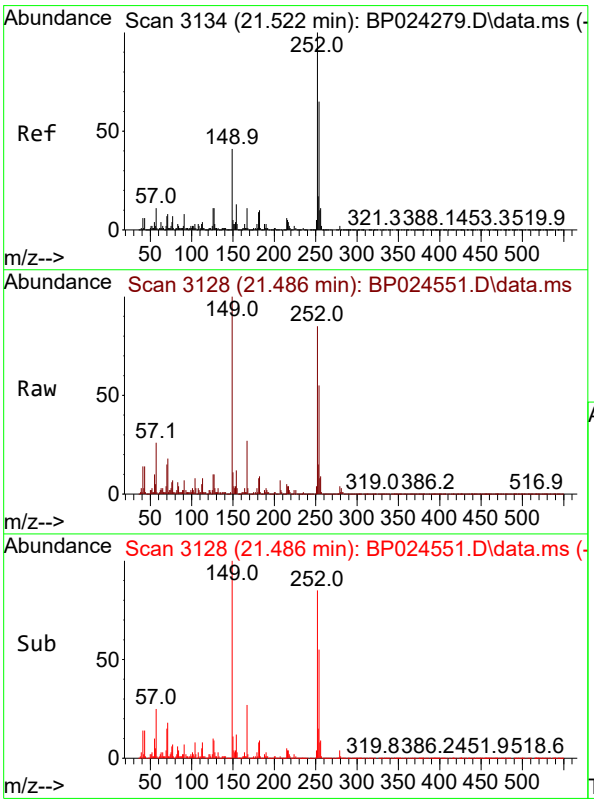
#81
Benzo(a)anthracene
Concen: 48.910 ng
RT: 21.568 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:228 Resp: 2638502

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.9	23.9

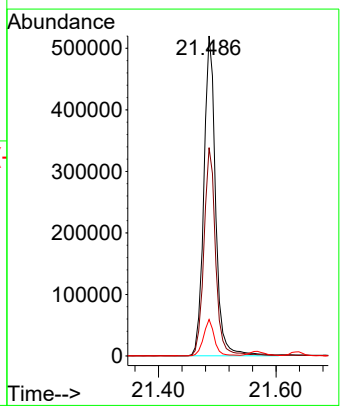


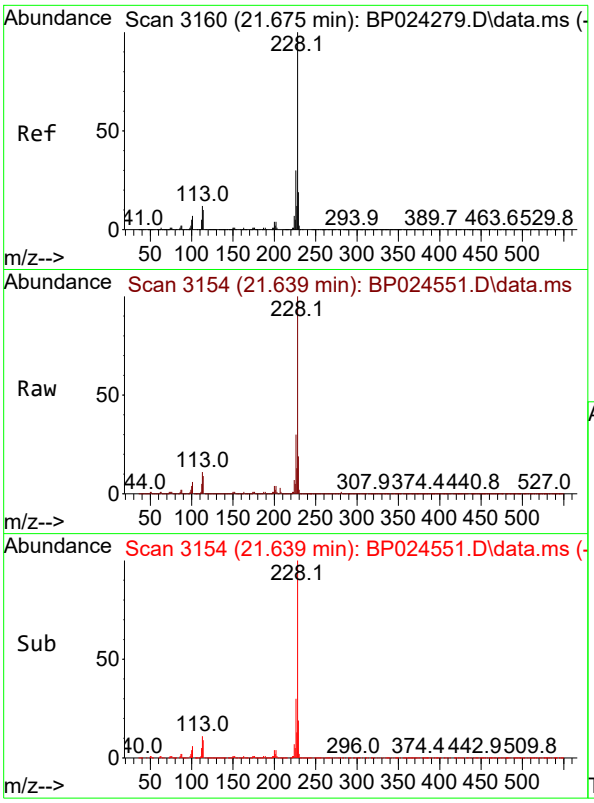


#82
3,3'-Dichlorobenzidine
Concen: 38.261 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:252 Resp: 724444

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	11.4	8.8	13.2



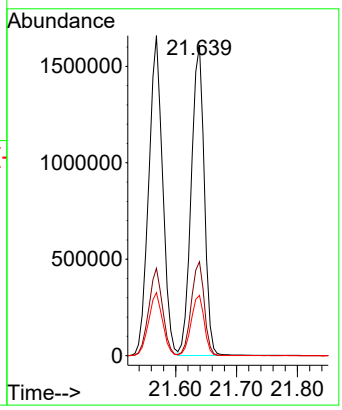


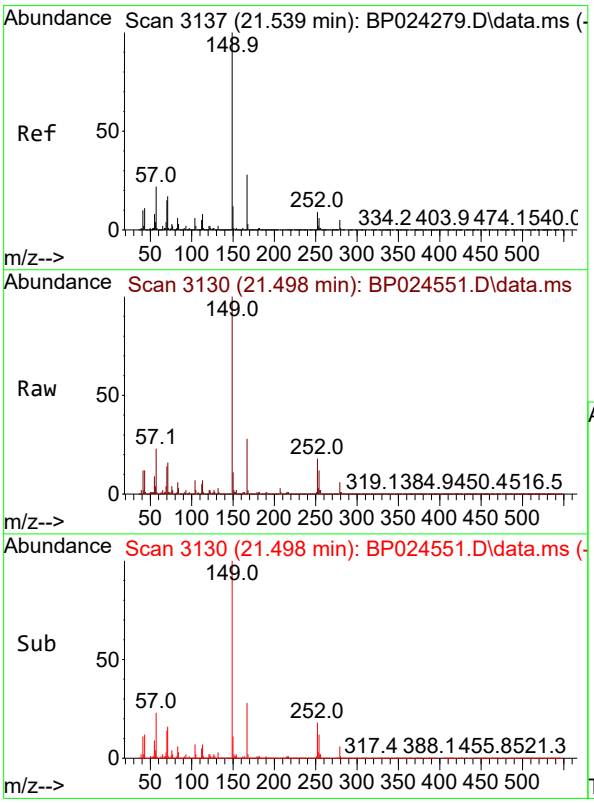
#83
Chrysene
Concen: 46.255 ng
RT: 21.639 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:228 Resp: 2390595

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.5	15.6	23.4

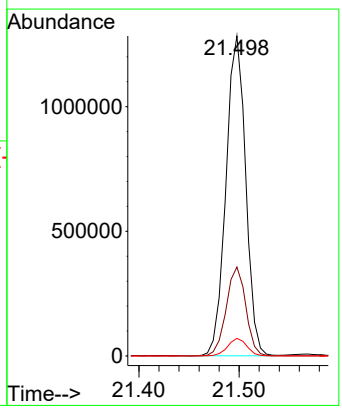


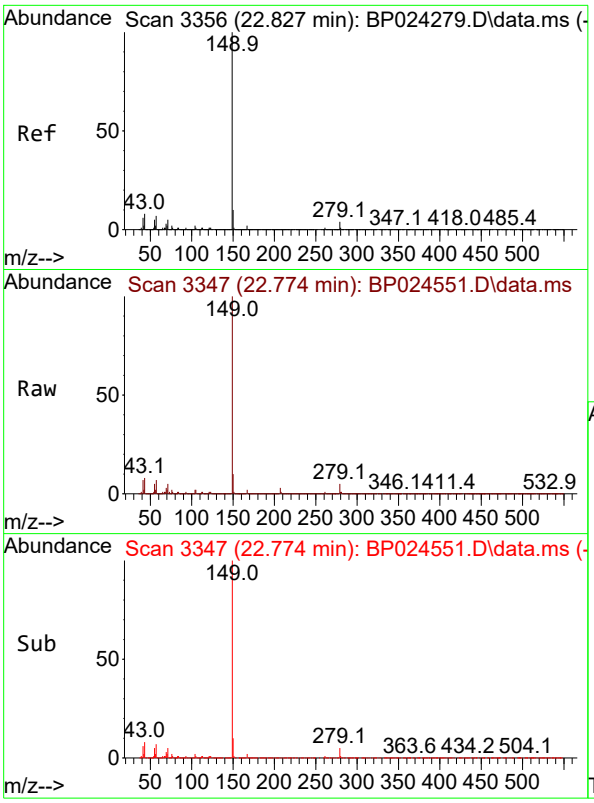


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.584 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:149 Resp: 1751888

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	5.5	4.0	6.0



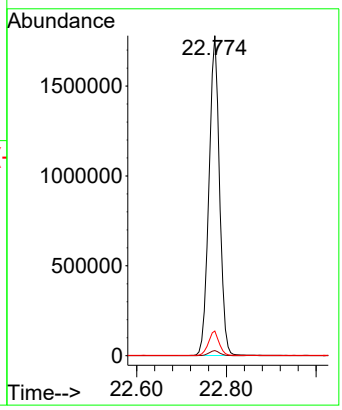


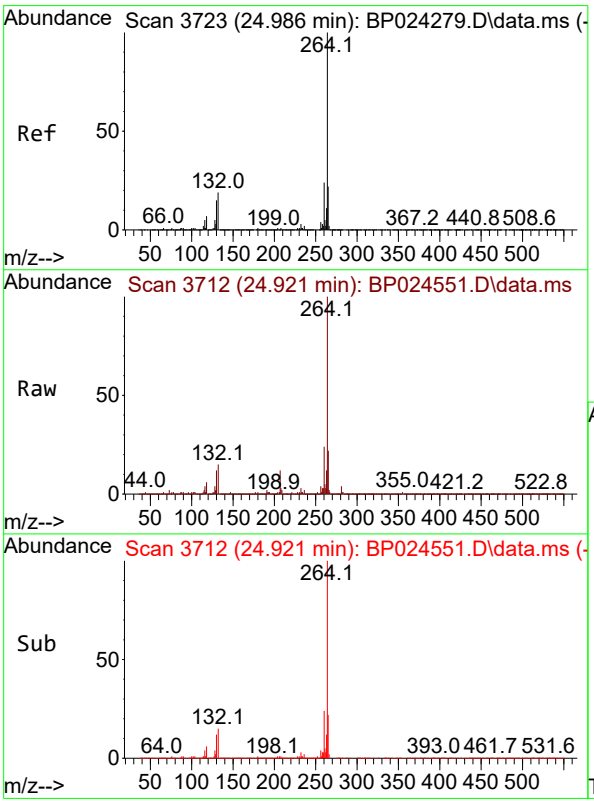
#85
Di-n-octyl phthalate
Concen: 51.601 ng
RT: 22.774 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:149 Resp: 2905339

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.0	9.0

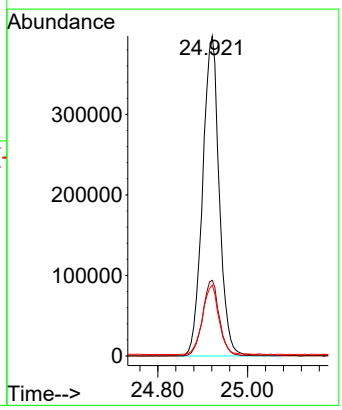


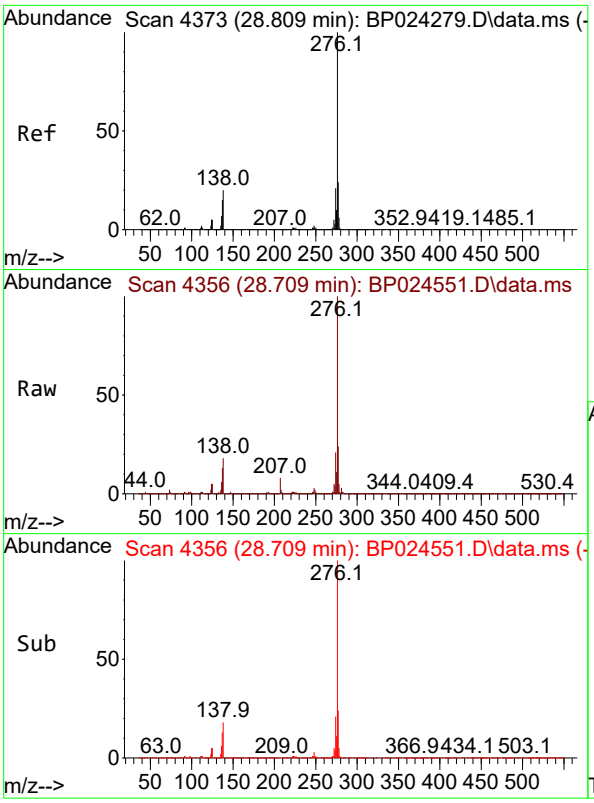


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.921 min Scan# 3712
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:264 Resp: 1020858

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.8	26.6



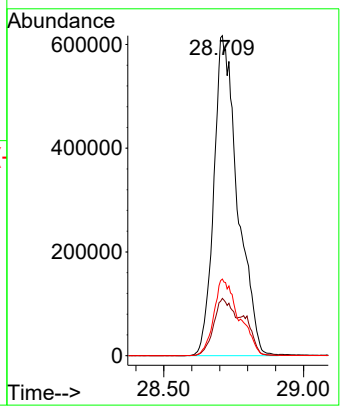


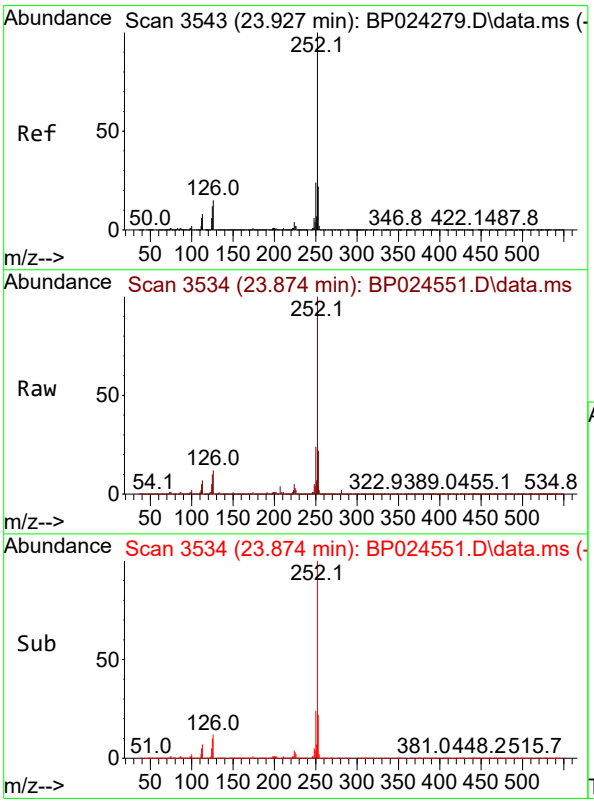
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.592 ng
RT: 28.709 min Scan# 4
Delta R.T. -0.030 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:276 Resp: 3656427

Ion	Ratio	Lower	Upper
276	100		
138	15.0	14.5	21.7
277	25.4	20.2	30.2

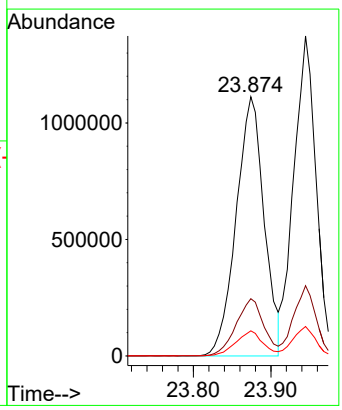


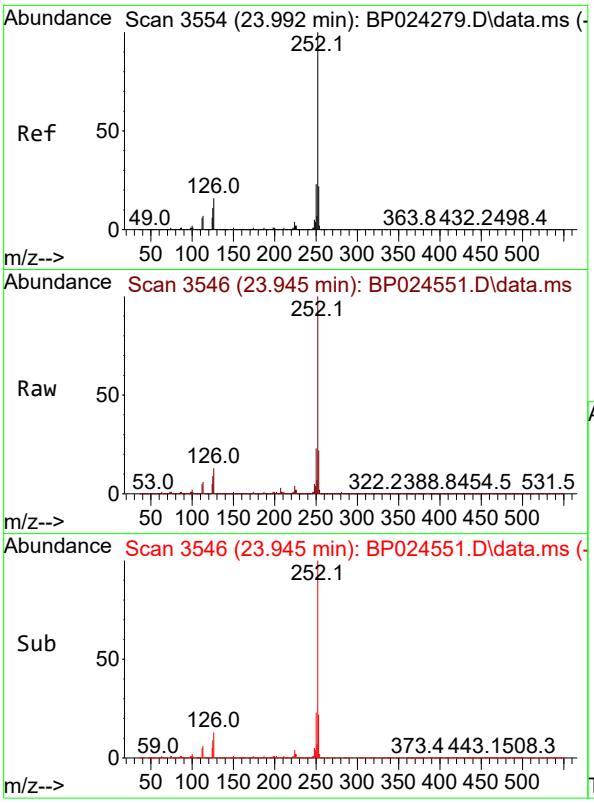


#88
Benzo(b)fluoranthene
Concen: 45.507 ng
RT: 23.874 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:252 Resp: 2784618

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	9.4	14.0



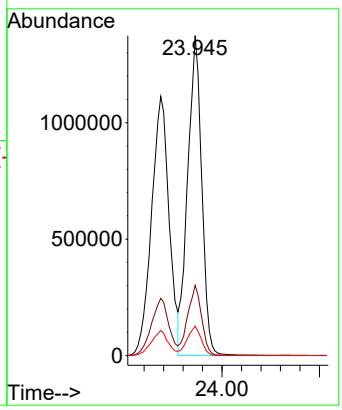


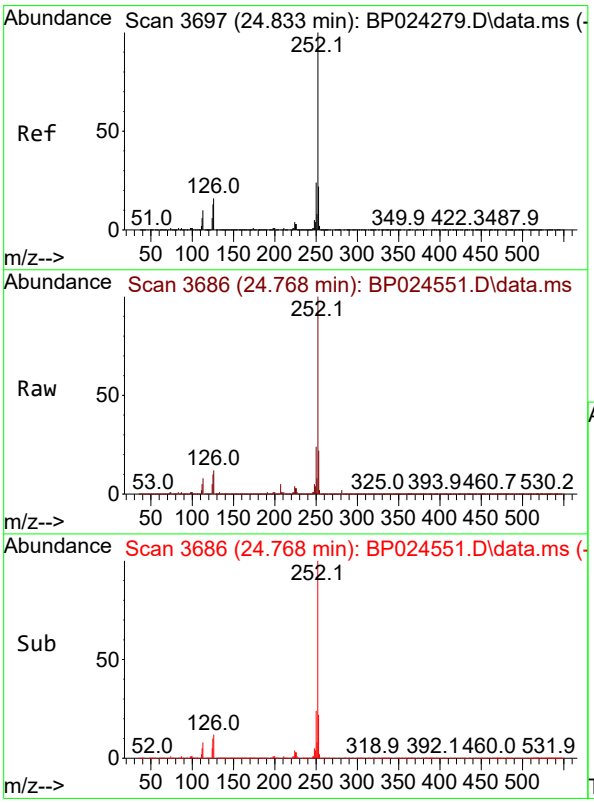
#89
Benzo(k)fluoranthene
Concen: 46.609 ng
RT: 23.945 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:252 Resp: 2754953

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.2	9.1	13.7

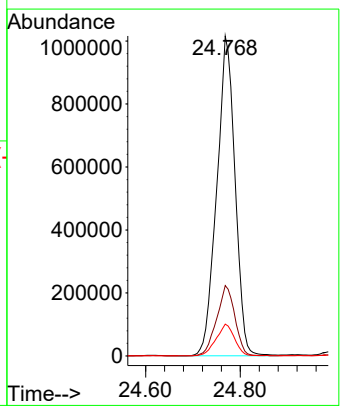


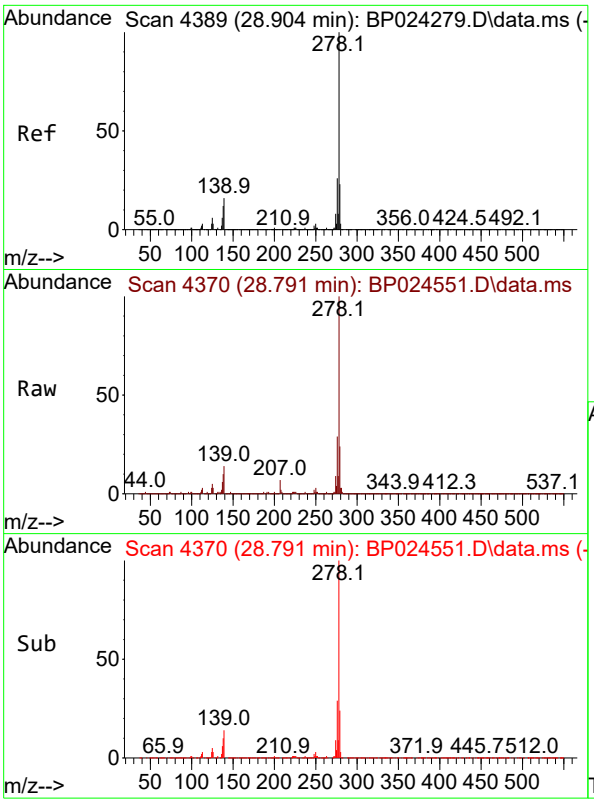


#90
Benzo(a)pyrene
Concen: 51.589 ng
RT: 24.768 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:252 Resp: 2723040

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.9	10.1	15.1#



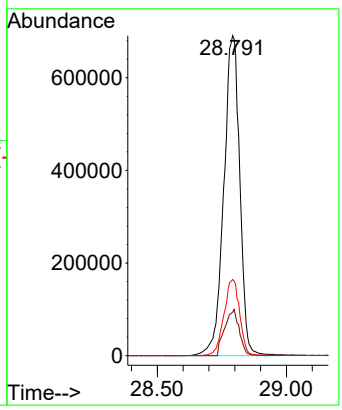


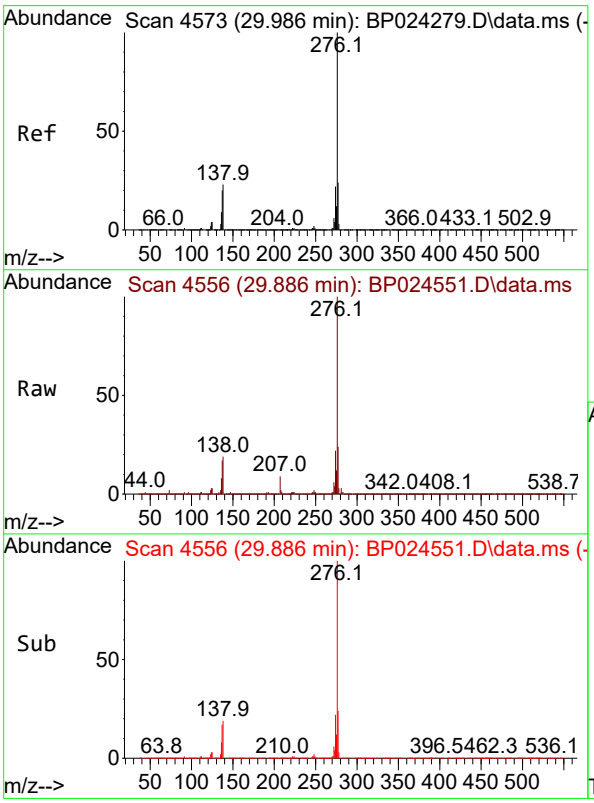
#91
Dibenzo(a,h)anthracene
Concen: 50.718 ng
RT: 28.791 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MS

Tgt Ion:278 Resp: 2983539

Ion	Ratio	Lower	Upper
278	100		
139	13.6	12.6	19.0
279	23.8	18.5	27.7

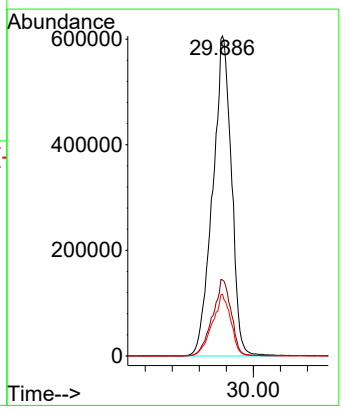




#92
Benzo(g,h,i)perylene
Concen: 48.640 ng
RT: 29.886 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BP024551.D
Acq: 06 May 2025 17:48

Tgt Ion:276 Resp: 2912409

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	19.3	18.7	28.1



Raw Data: **BP024552.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024552.D	1	05/06/25 09:25	05/06/25 18:29	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		170	350	ug/Kg
108-95-2	Phenol	1600		23.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		25.9	180	ug/Kg
95-57-8	2-Chlorophenol	1700		26.1	180	ug/Kg
95-48-7	2-Methylphenol	1700		31.9	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		40.0	180	ug/Kg
98-86-2	Acetophenone	1600		31.5	180	ug/Kg
65794-96-9	3+4-Methylphenols	1700		43.9	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		50.6	85.4	ug/Kg
67-72-1	Hexachloroethane	1600		18.8	180	ug/Kg
98-95-3	Nitrobenzene	1600		19.5	180	ug/Kg
78-59-1	Isophorone	1600		35.0	180	ug/Kg
88-75-5	2-Nitrophenol	1700		62.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		69.2	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		32.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		30.2	180	ug/Kg
91-20-3	Naphthalene	1500		24.2	180	ug/Kg
106-47-8	4-Chloroaniline	900		37.8	180	ug/Kg
87-68-3	Hexachlorobutadiene	1800		27.0	180	ug/Kg
105-60-2	Caprolactam	1700		55.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		30.6	180	ug/Kg
91-57-6	2-Methylnaphthalene	1400		27.3	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4900	E	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		21.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		31.1	180	ug/Kg
92-52-4	1,1-Biphenyl	1600		23.3	180	ug/Kg
91-58-7	2-Chloronaphthalene	1600		24.0	180	ug/Kg
88-74-4	2-Nitroaniline	1900		51.4	180	ug/Kg
131-11-3	Dimethylphthalate	1600		28.9	180	ug/Kg

Raw Data: **BP024552.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024552.D	1	05/06/25 09:25	05/06/25 18:29	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		30.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		35.9	180	ug/Kg
99-09-2	3-Nitroaniline	1600		49.1	180	ug/Kg
83-32-9	Acenaphthene	1600		22.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	350	ug/Kg
100-02-7	4-Nitrophenol	3500	E	110	350	ug/Kg
132-64-9	Dibenzofuran	1500		24.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		53.5	180	ug/Kg
84-66-2	Diethylphthalate	1600		30.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		28.5	180	ug/Kg
86-73-7	Fluorene	1600		27.0	180	ug/Kg
100-01-6	4-Nitroaniline	1700		68.5	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		35.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		29.7	180	ug/Kg
118-74-1	Hexachlorobenzene	1800		27.0	180	ug/Kg
1912-24-9	Atrazine	2300		36.3	180	ug/Kg
87-86-5	Pentachlorophenol	3500	E	54.8	350	ug/Kg
85-01-8	Phenanthrene	1600		22.3	180	ug/Kg
120-12-7	Anthracene	1700		35.6	180	ug/Kg
86-74-8	Carbazole	1700		33.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	1700		51.1	180	ug/Kg
206-44-0	Fluoranthene	1600		32.0	180	ug/Kg
129-00-0	Pyrene	1600		38.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	1700		76.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		39.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	1700		24.6	180	ug/Kg
218-01-9	Chrysene	1600		21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		63.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		92.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		20.3	180	ug/Kg

Raw Data: **BP024552.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:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	93.5
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
BP024552.D	1	05/06/25 09:25	05/06/25 18:29	PB167879

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		23.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	1800		31.5	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		31.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		29.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		27.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		27.3	180	ug/Kg
123-91-1	1,4-Dioxane	1300		48.3	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		29.3	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	105		18 - 112	70%	SPK: 150
13127-88-3	Phenol-d6	99.7		15 - 107	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.9		18 - 107	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.1		20 - 109	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		10 - 116	84%	SPK: 150
1718-51-0	Terphenyl-d14	65.0		10 - 105	65%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	159000	7.705			
1146-65-2	Naphthalene-d8	650000	10.475			
15067-26-2	Acenaphthene-d10	418000	14.34			
1517-22-2	Phenanthrene-d10	822000	17.134			
1719-03-5	Chrysene-d12	923000	21.586			
1520-96-3	Perylene-d12	1090000	24.916			

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: **BP024552.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159404	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	649824	20.000	ng	-0.02
39) Acenaphthene-d10	14.340	164	418006	20.000	ng	-0.01
64) Phenanthrene-d10	17.134	188	822120	20.000	ng	-0.01
76) Chrysene-d12	21.586	240	922769	20.000	ng	# 0.00
86) Perylene-d12	24.916	264	1087018	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1016000	105.387	ng	-0.02
7) Phenol-d6	6.899	99	1316355	99.718	ng	-0.01
23) Nitrobenzene-d5	8.858	82	796746	69.913	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	724719	125.312	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1805561	66.136	ng	-0.01
79) Terphenyl-d14	19.863	244	2977081	65.029	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	148247	36.355	ng	# 94
3) Pyridine	3.670	79	385659	35.816	ng	92
4) n-Nitrosodimethylamine	3.576	42	173229	48.475	ng	# 73
6) Aniline	7.046	93	503110	42.651	ng	97
8) 2-Chlorophenol	7.281	128	500340	46.484	ng	99
9) Benzaldehyde	6.864	77	200907	30.767	ng	97
10) Phenol	6.922	94	603099	45.543	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	438153	41.066	ng	100
12) 1,3-Dichlorobenzene	7.599	146	507292	43.778	ng	98
13) 1,4-Dichlorobenzene	7.740	146	513814	43.702	ng	98
14) 1,2-Dichlorobenzene	8.052	146	497348	43.807	ng	99
15) Benzyl Alcohol	7.952	79	410753	48.115	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	485081	42.062	ng	99
17) 2-Methylphenol	8.158	107	416235	48.589	ng	97
18) Hexachloroethane	8.775	117	190151	44.752	ng	96
19) n-Nitroso-di-n-propyla...	8.511	70	334606	40.972	ng	94
20) 3+4-Methylphenols	8.481	107	563187	47.381	ng	98
22) Acetophenone	8.522	105	701434	43.612	ng	# 96
24) Nitrobenzene	8.899	77	502929	44.611	ng	98
25) Isophorone	9.422	82	956187	46.354	ng	97
26) 2-Nitrophenol	9.599	139	271234	49.163	ng	95
27) 2,4-Dimethylphenol	9.669	122	471513	68.065	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	590120	42.348	ng	99
29) 2,4-Dichlorophenol	10.140	162	472467	50.021	ng	100
30) 1,2,4-Trichlorobenzene	10.346	180	465620	46.010	ng	99
31) Naphthalene	10.528	128	1474499	43.076	ng	99
32) Benzoic acid	9.828	122	323698	40.102	ng	95
33) 4-Chloroaniline	10.646	127	306313	25.411	ng	98
34) Hexachlorobutadiene	10.810	225	294643	49.546	ng	99
35) Caprolactam	11.446	113	164934	47.324	ng	93
36) 4-Chloro-3-methylphenol	11.781	107	538899	48.983	ng	99
37) 2-Methylnaphthalene	12.140	142	955540	40.251	ng	97
38) 1-Methylnaphthalene	12.363	142	1014735	43.694	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	534535	46.501	ng	99
41) Hexachlorocyclopentadiene	12.487	237	560872	137.957	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	383001	50.114	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

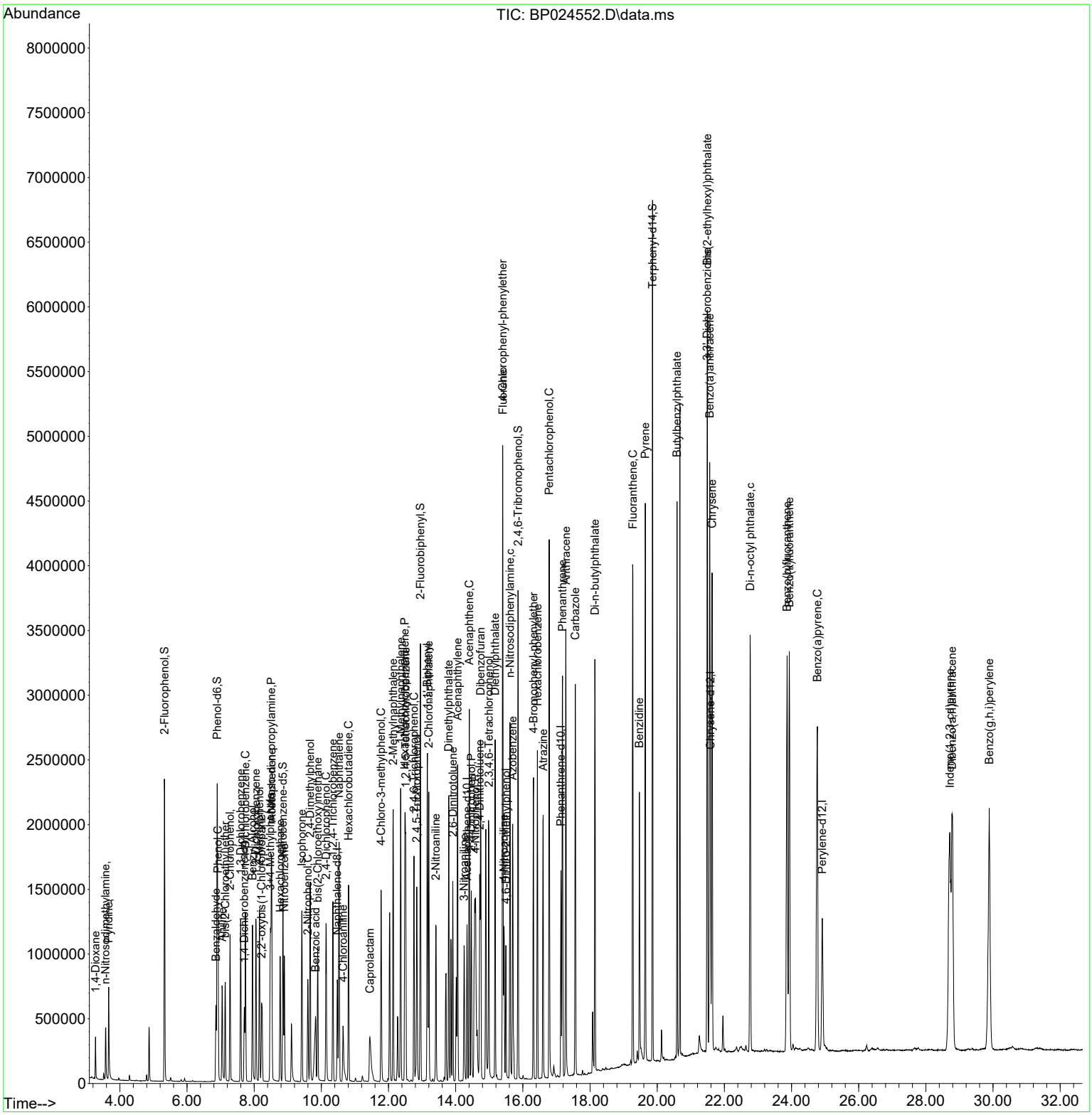
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	426586	50.405	ng		99
46) 1,1'-Biphenyl	13.157	154	1361923	44.325	ng		98
47) 2-Chloronaphthalene	13.199	162	1051229	45.777	ng		98
48) 2-Nitroaniline	13.410	65	334963	52.001	ng		94
49) Acenaphthylene	14.057	152	1772177	49.016	ng		99
50) Dimethylphthalate	13.793	163	1379203	45.371	ng		99
51) 2,6-Dinitrotoluene	13.916	165	308388	47.775	ng		93
52) Acenaphthene	14.404	154	1009427	44.039	ng		99
53) 3-Nitroaniline	14.251	138	300781	44.335	ng		100
54) 2,4-Dinitrophenol	14.469	184	356916	93.869	ng		93
55) Dibenzofuran	14.746	168	1606452	42.877	ng		97
56) 4-Nitrophenol	14.593	139	576827	98.447	ng		90
57) 2,4-Dinitrotoluene	14.716	165	446655	50.725	ng		97
58) Fluorene	15.404	166	1303551	44.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	374808	48.017	ng	#	97
60) Diethylphthalate	15.175	149	1393842	44.495	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	640203	45.455	ng		96
62) 4-Nitroaniline	15.440	138	344101	47.912	ng		86
63) Azobenzene	15.698	77	1291393	44.852	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	236969	45.719	ng		95
66) n-Nitrosodiphenylamine	15.616	169	1137293	46.348	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	442075	49.167	ng		99
68) Hexachlorobenzene	16.434	284	543514	50.871	ng		99
69) Atrazine	16.604	200	405143	64.826	ng		98
70) Pentachlorophenol	16.787	266	735312	98.652	ng		99
71) Phenanthrene	17.181	178	2052281	45.760	ng		99
72) Anthracene	17.281	178	2103402	48.662	ng		99
73) Carbazole	17.563	167	1992713	47.182	ng		99
74) Di-n-butylphthalate	18.145	149	2509675	47.696	ng		99
75) Fluoranthene	19.275	202	2468152	46.272	ng		97
77) Benzidine	19.469	184	1224869	104.718	ng		99
78) Pyrene	19.645	202	2582943	44.045	ng		99
80) Butylbenzylphthalate	20.592	149	1209696	48.160	ng		98
81) Benzo(a)anthracene	21.563	228	2675034	46.639	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	772689	38.383	ng		98
83) Chrysene	21.633	228	2457723	44.727	ng		100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1791677	48.657	ng		99
85) Di-n-octyl phthalate	22.769	149	3072120	51.320	ng		100
87) Indeno(1,2,3-cd)pyrene	28.715	276	3718353	49.272	ng	#	91
88) Benzo(b)fluoranthene	23.869	252	2835698	43.521	ng		97
89) Benzo(k)fluoranthene	23.933	252	2847239	45.239	ng		98
90) Benzo(a)pyrene	24.769	252	2786273	49.574	ng	#	98
91) Dibenzo(a,h)anthracene	28.780	278	3017918	48.180	ng		97
92) Benzo(g,h,i)perylene	29.886	276	2972899	46.629	ng		96

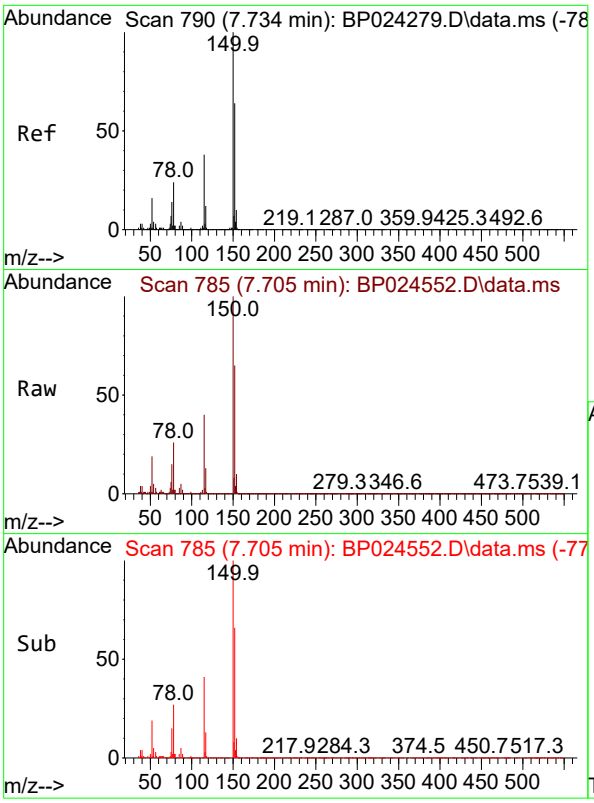
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024552.D
Acq On : 06 May 2025 18:29
Operator : RC/JU
Sample : Q1956-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Quant Time: May 07 01:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration



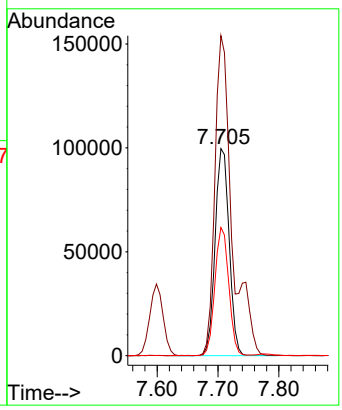


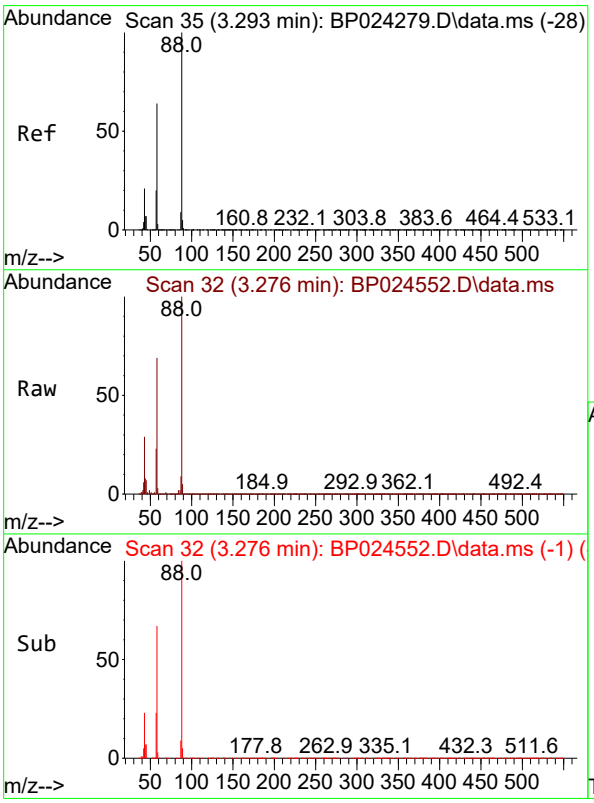
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:152 Resp: 159404

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.9	187.3
115	61.9	47.7	71.5

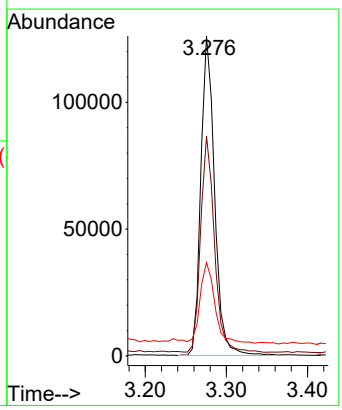


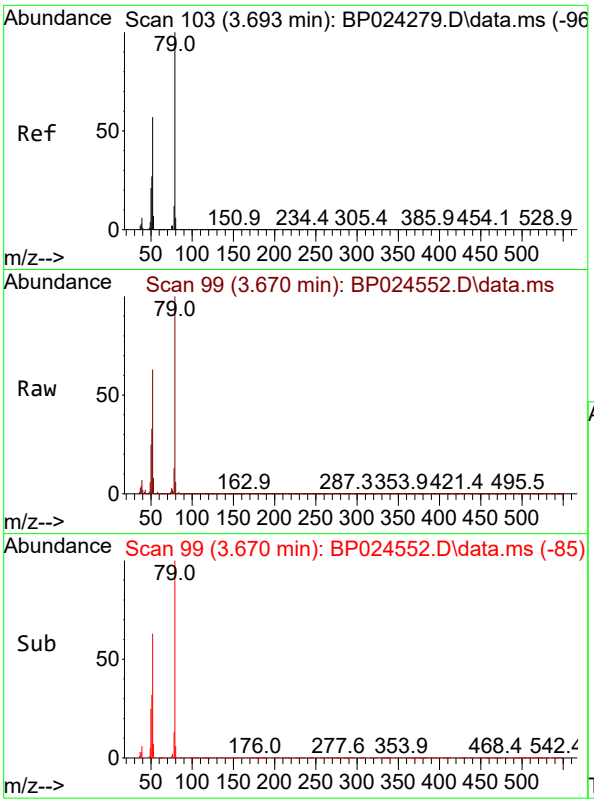


#2
1,4-Dioxane
Concen: 36.355 ng
RT: 3.276 min Scan# 32
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 88 Resp: 148247

Ion	Ratio	Lower	Upper
88	100		
58	67.8	51.4	77.2
43	26.6	17.1	25.7#



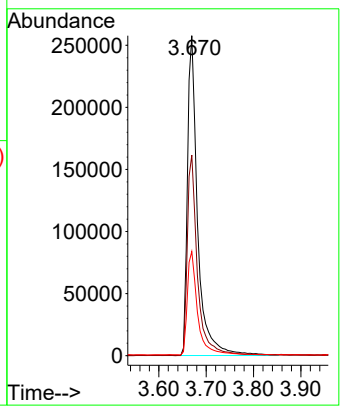


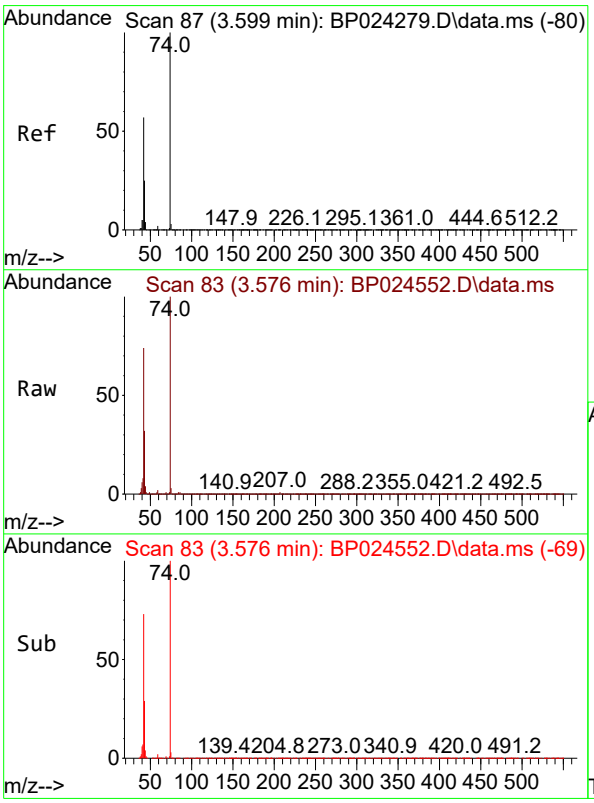
#3
Pyridine
Concen: 35.816 ng
RT: 3.670 min Scan# 9
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 79 Resp: 385659

Ion	Ratio	Lower	Upper
79	100		
52	62.7	45.4	68.2
51	32.5	22.6	33.8

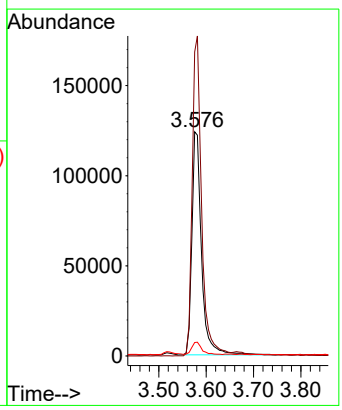


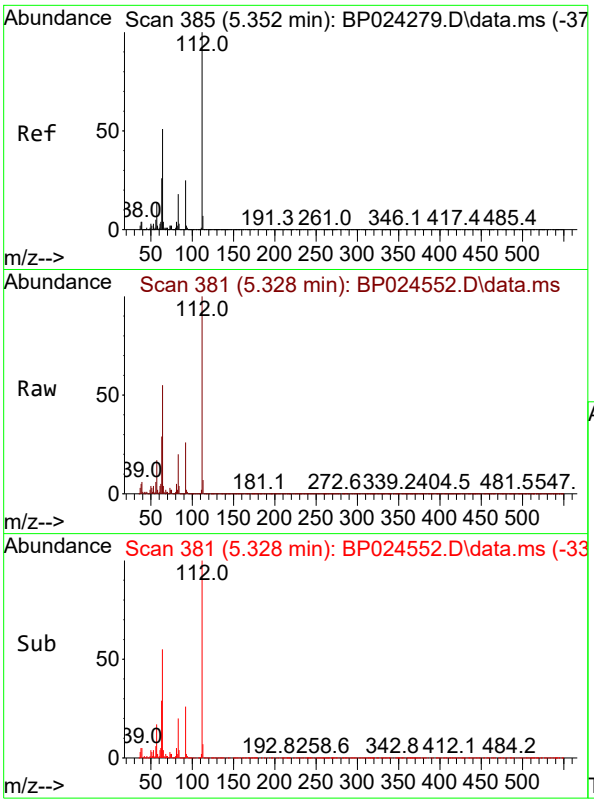


#4
n-Nitrosodimethylamine
Concen: 48.475 ng
RT: 3.576 min Scan# 83
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 42 Resp: 173229

Ion	Ratio	Lower	Upper
42	100		
74	135.6	139.5	209.3#
44	6.0	5.8	8.8



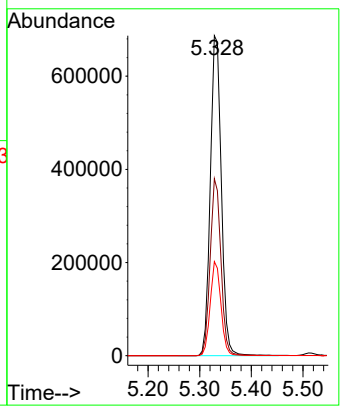


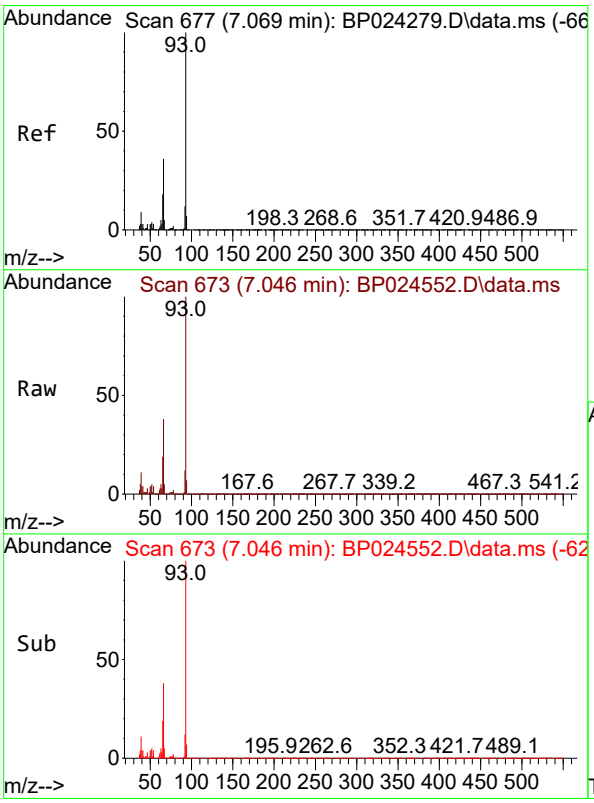
#5
2-Fluorophenol
Concen: 105.387 ng
RT: 5.328 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:112 Resp: 1016000

Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.1	61.7
63	29.4	20.6	30.8

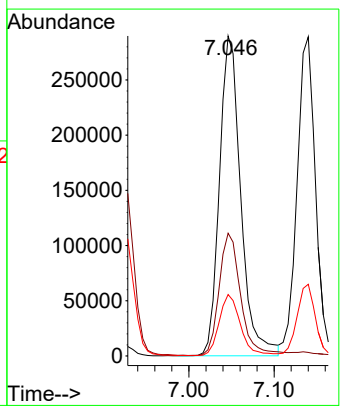


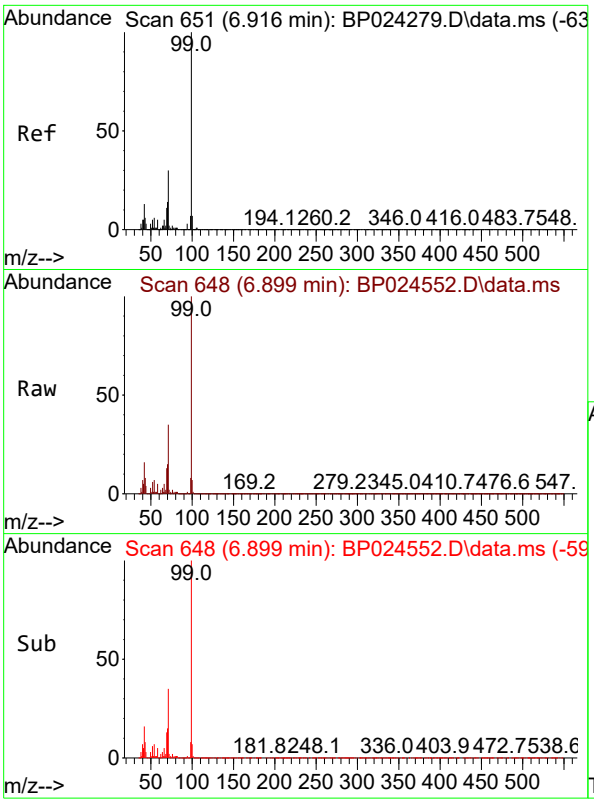


#6
Aniline
Concen: 42.651 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 93 Resp: 503110

Ion	Ratio	Lower	Upper
93	100		
66	38.3	29.1	43.7
65	19.2	14.7	22.1



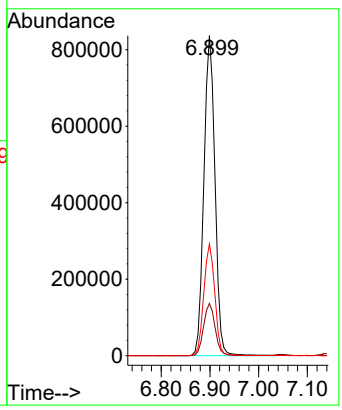


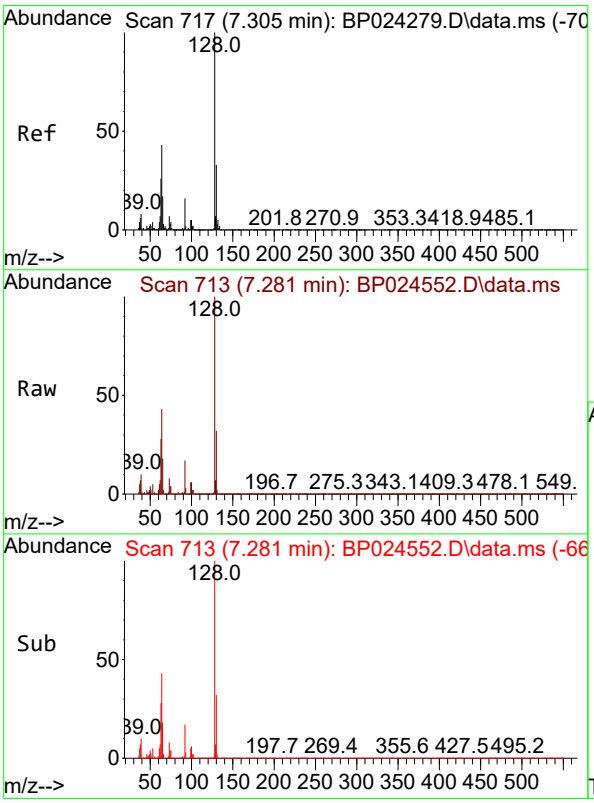
#7
Phenol-d6
Concen: 99.718 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 99 Resp: 1316355

Ion	Ratio	Lower	Upper
99	100		
42	16.3	10.6	16.0#
71	34.9	23.7	35.5

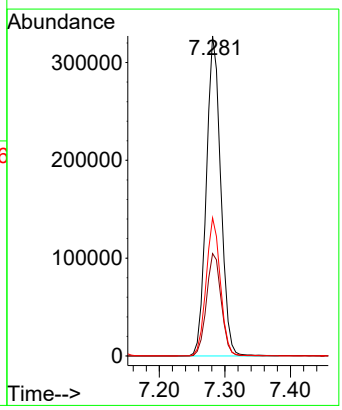


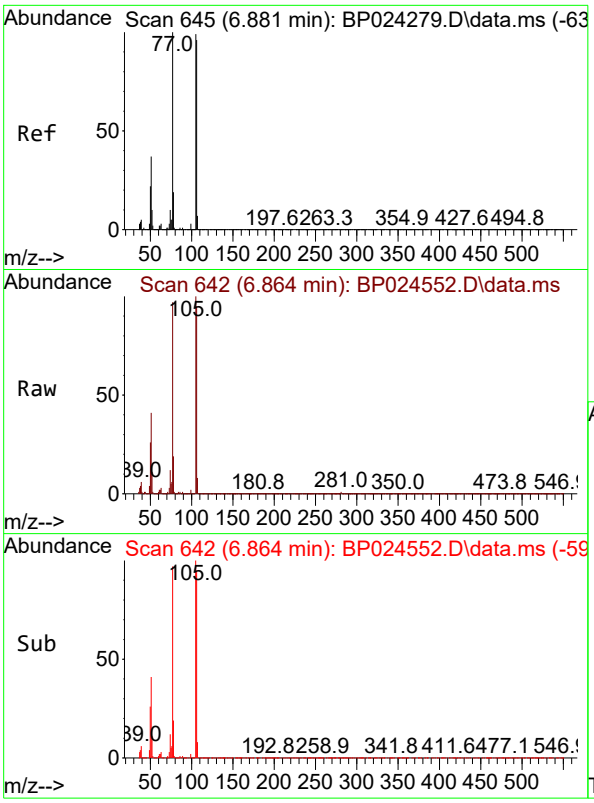


#8
2-Chlorophenol
Concen: 46.484 ng
RT: 7.281 min Scan# 713
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:128 Resp: 500340

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.9	52.9
64	43.1	22.7	62.7



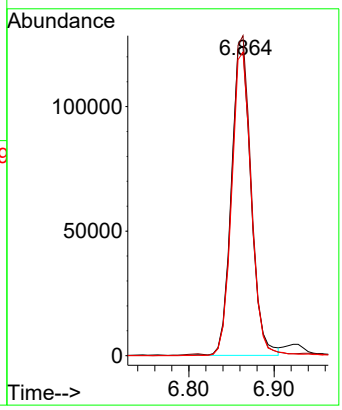


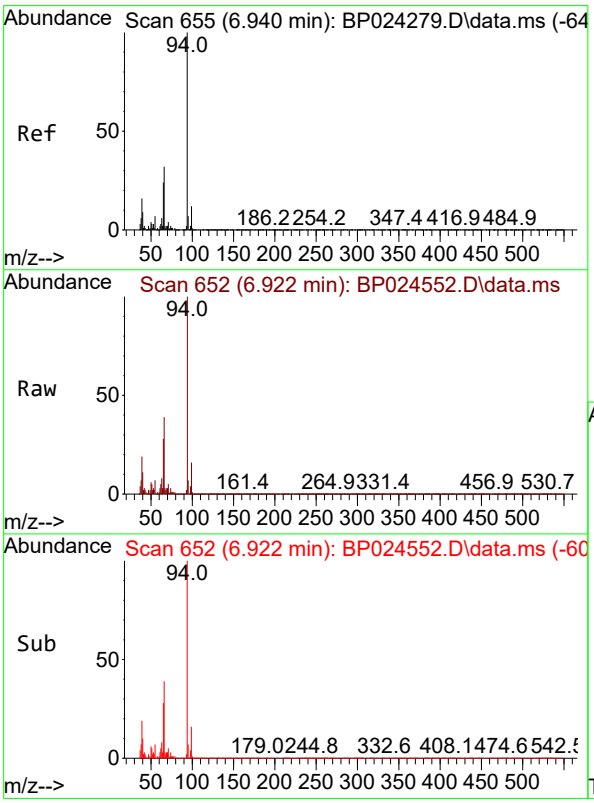
#9
Benzaldehyde
Concen: 30.767 ng
RT: 6.864 min Scan# 64
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 77 Resp: 200907

Ion	Ratio	Lower	Upper
77	100		
105	103.6	79.2	119.2
106	98.2	76.2	116.2

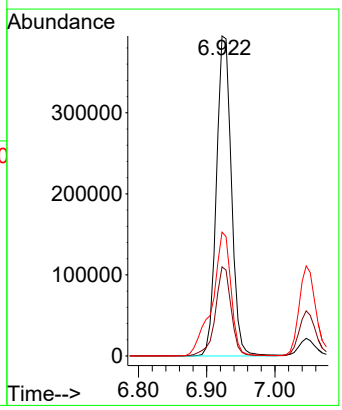


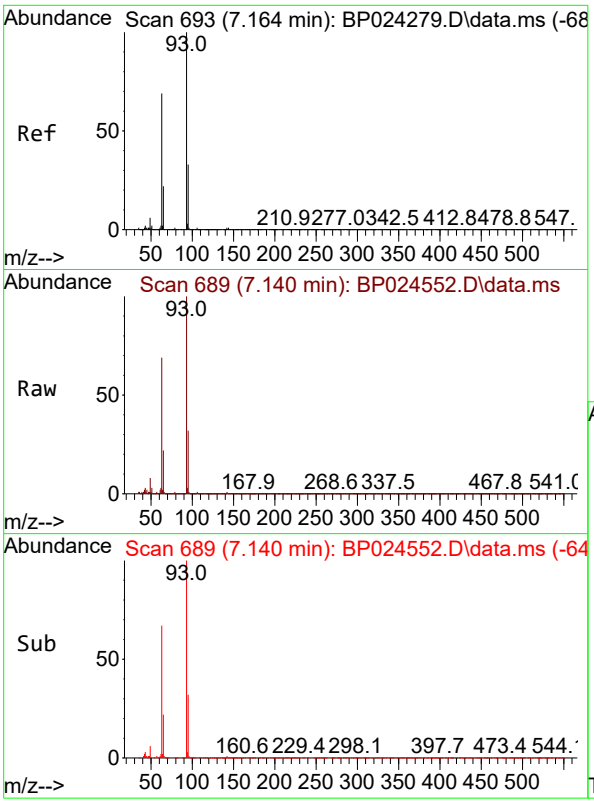


#10
Phenol
Concen: 45.543 ng
RT: 6.922 min Scan# 652
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 94 Resp: 603099

Ion	Ratio	Lower	Upper
94	100		
65	27.9	4.5	44.5
66	38.7	12.4	52.4



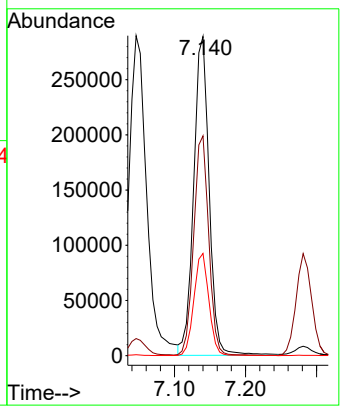


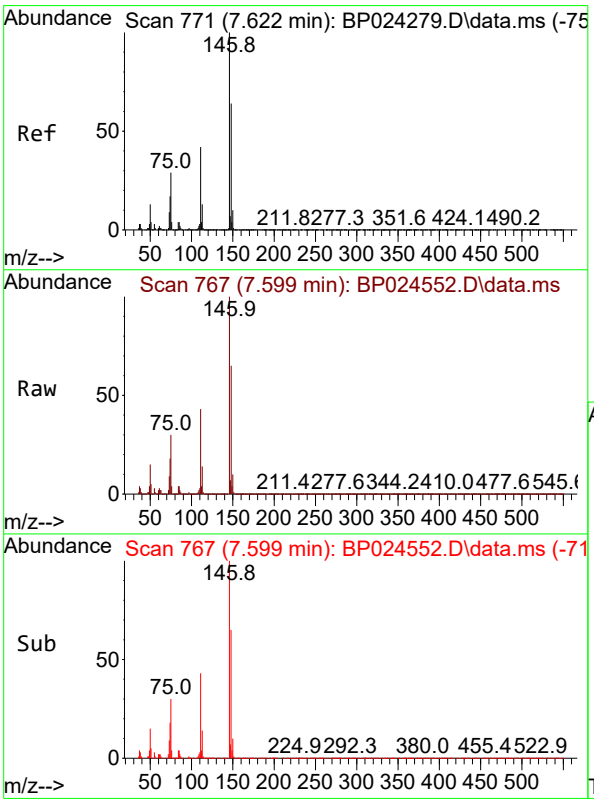
#11
bis(2-Chloroethyl)ether
Concen: 41.066 ng
RT: 7.140 min Scan# 6
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 93 Resp: 438153

Ion	Ratio	Lower	Upper
93	100		
63	68.9	48.6	88.6
95	32.0	12.3	52.3

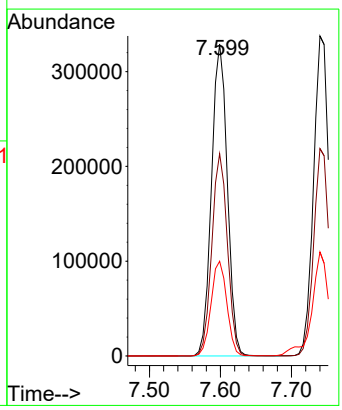


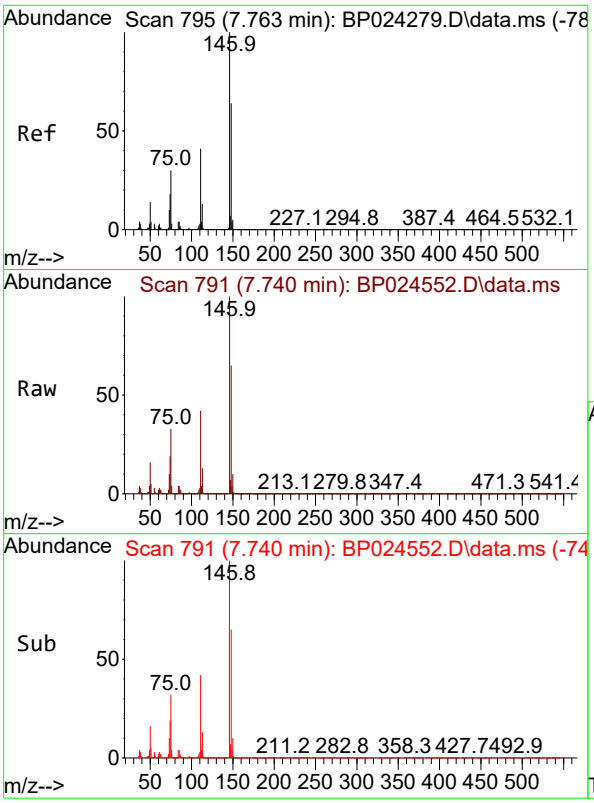


#12
1,3-Dichlorobenzene
Concen: 43.778 ng
RT: 7.599 min Scan# 767
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:146 Resp: 507292

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	30.4	22.9	34.3



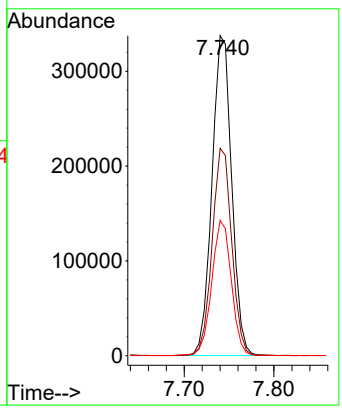


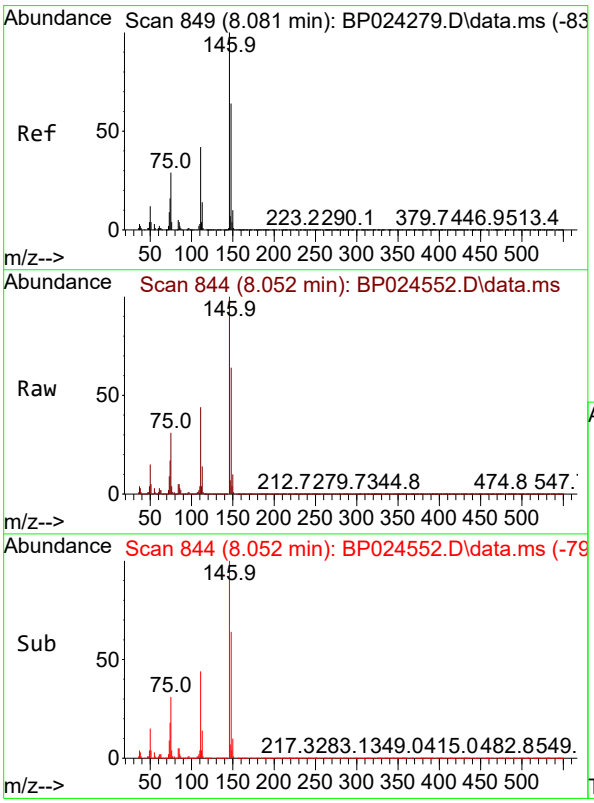
#13
1,4-Dichlorobenzene
Concen: 43.702 ng
RT: 7.740 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:146 Resp: 513814

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	42.3	32.6	48.8

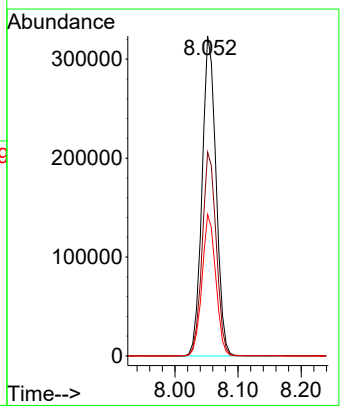


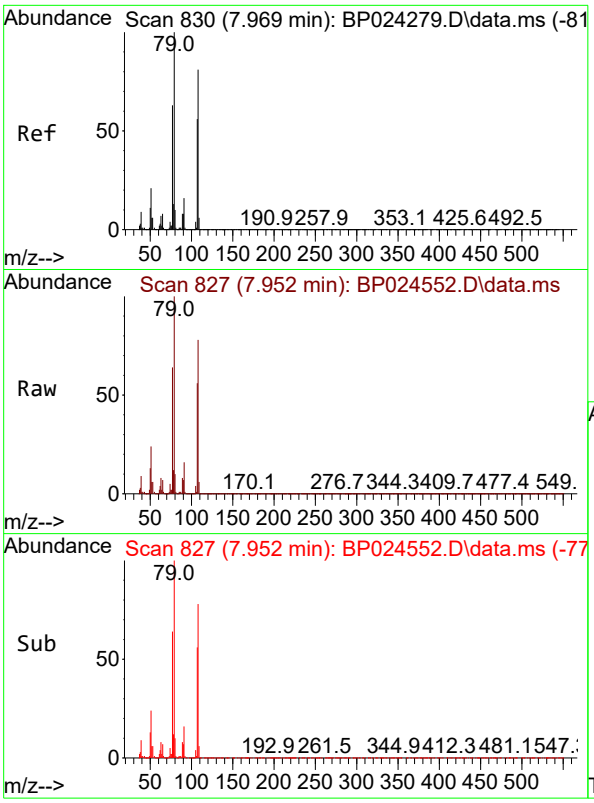


#14
1,2-Dichlorobenzene
Concen: 43.807 ng
RT: 8.052 min Scan# 844
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:146 Resp: 497348

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.2	33.8	50.8



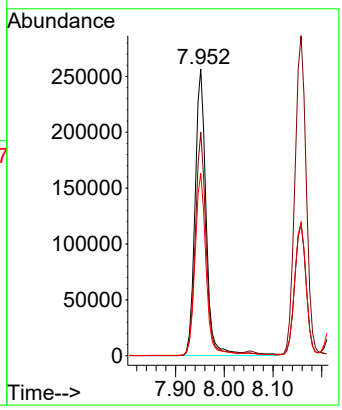


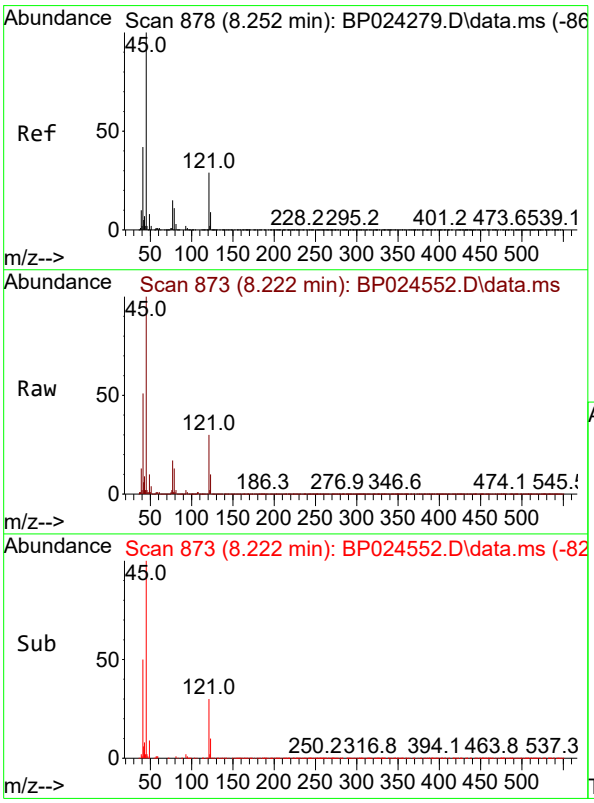
#15
Benzyl Alcohol
Concen: 48.115 ng
RT: 7.952 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 79 Resp: 410753

Ion	Ratio	Lower	Upper
79	100		
108	77.9	65.1	97.7
77	63.7	50.7	76.1

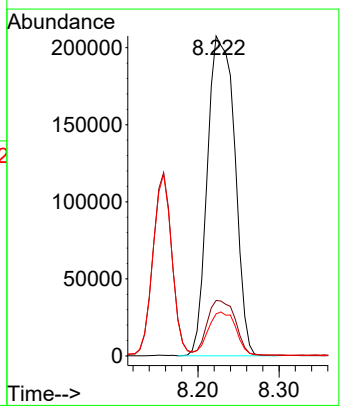


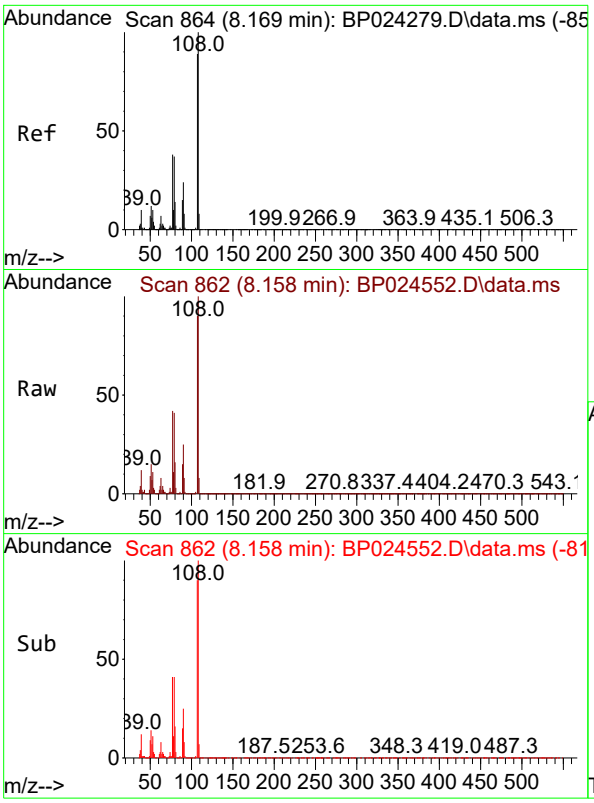


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.062 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 45 Resp: 485081

Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	37.7
79	13.2	0.0	33.5



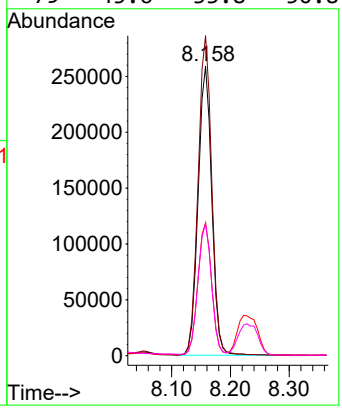


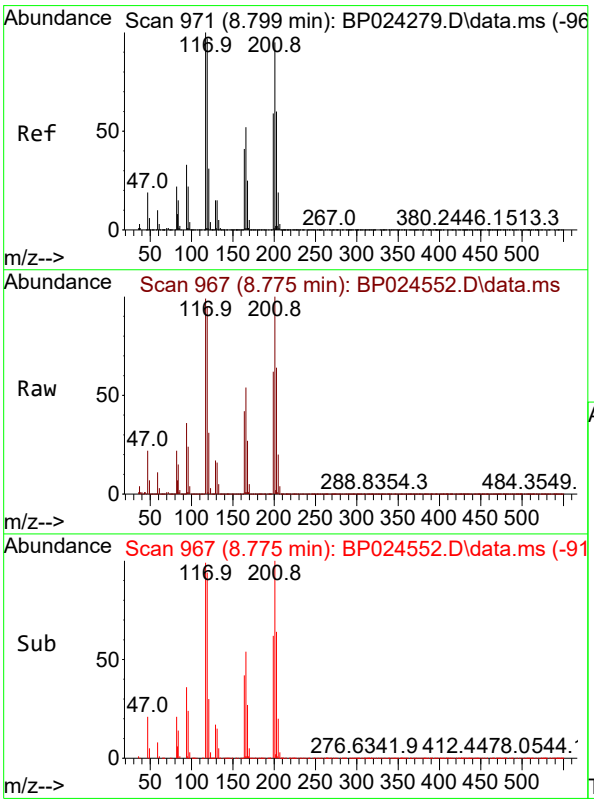
#17
2-Methylphenol
Concen: 48.589 ng
RT: 8.158 min Scan# 8
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:107 Resp: 416235

Ion	Ratio	Lower	Upper
107	100		
108	110.6	89.8	134.6
77	46.0	34.2	51.4
79	45.6	33.8	50.8

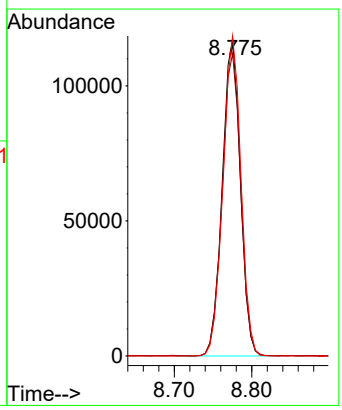


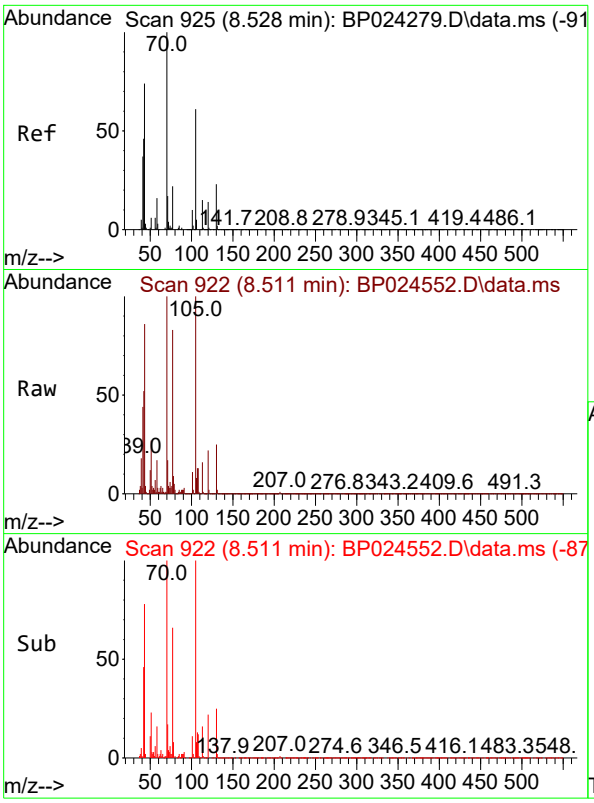


#18
Hexachloroethane
Concen: 44.752 ng
RT: 8.775 min Scan# 967
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:117 Resp: 190151

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.8	116.6
201	101.1	75.9	113.9



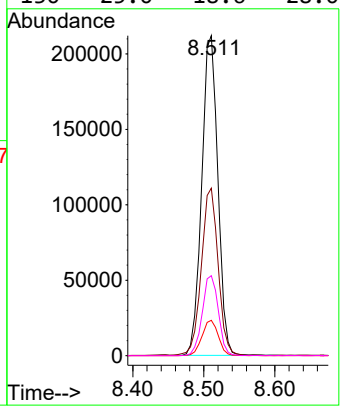


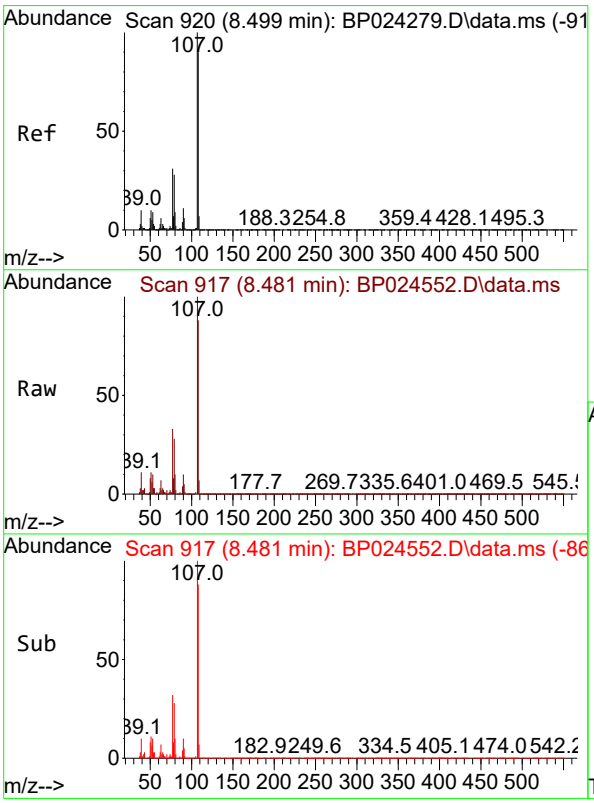
#19
n-Nitroso-di-n-propylamine
Concen: 40.972 ng
RT: 8.511 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 70 Resp: 334606

Ion	Ratio	Lower	Upper
70	100		
42	52.3	37.3	55.9
101	11.0	8.2	12.4
130	25.0	18.6	28.0

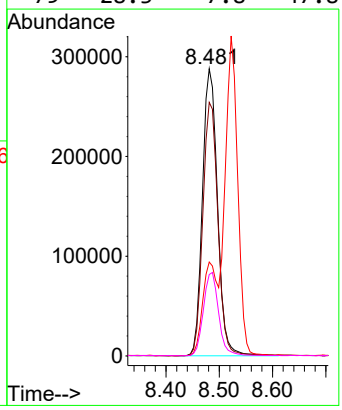


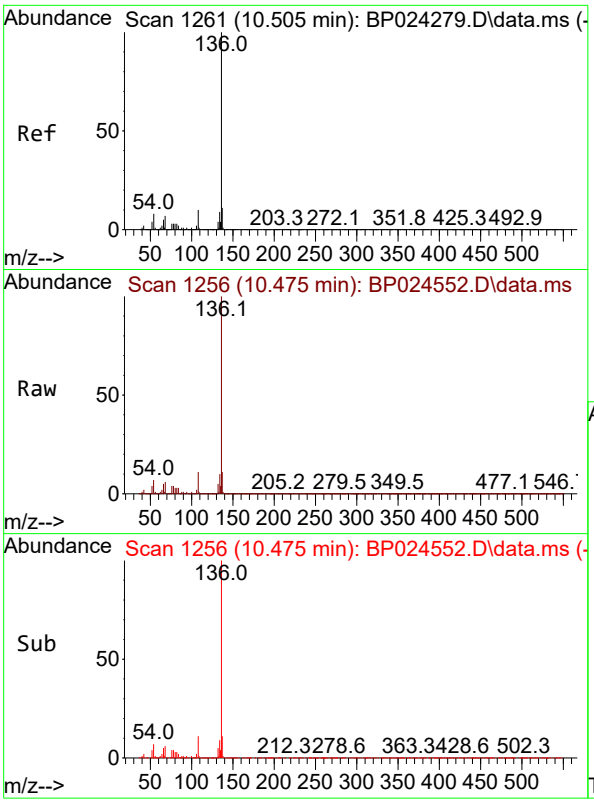


#20
3+4-Methylphenols
Concen: 47.381 ng
RT: 8.481 min Scan# 917
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:107 Resp: 563187

Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.8	109.8
77	32.7	11.5	51.5
79	28.3	7.8	47.8



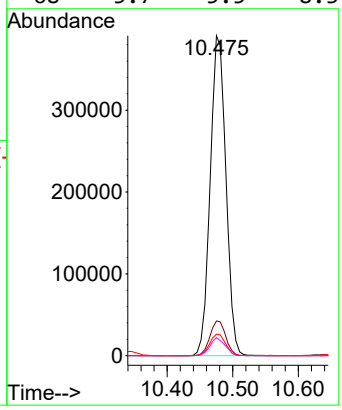


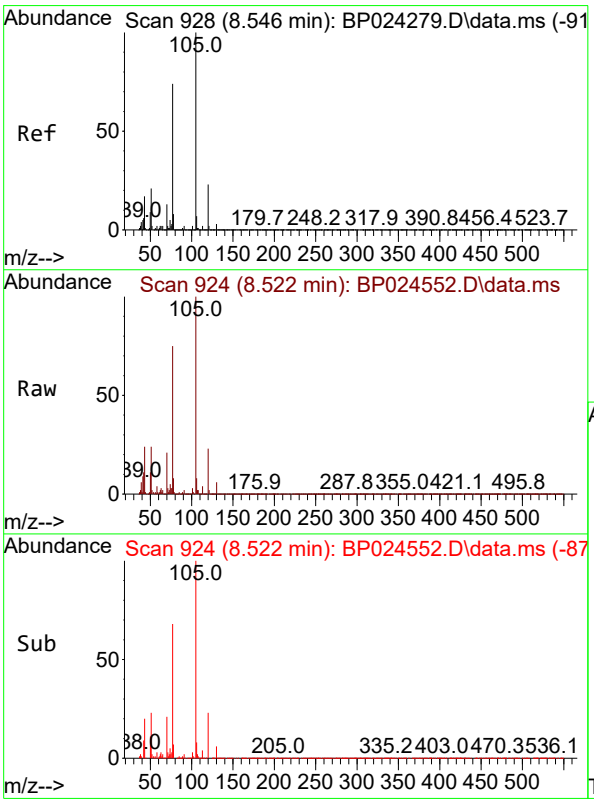
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:136 Resp: 649824

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	6.7	6.0	9.0
68	5.7	5.5	8.3

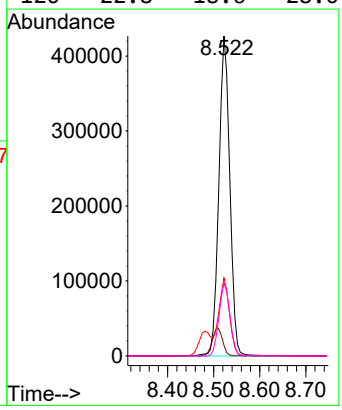


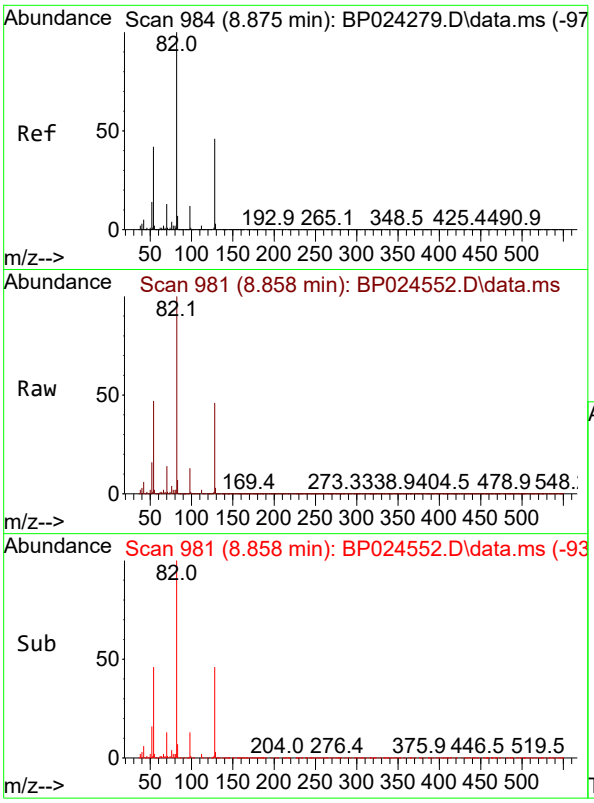


#22
Acetophenone
Concen: 43.612 ng
RT: 8.522 min Scan# 924
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:105 Resp: 701434

Ion	Ratio	Lower	Upper
105	100		
71	3.4	1.7	2.5#
51	24.3	16.9	25.3
120	22.8	18.6	28.0



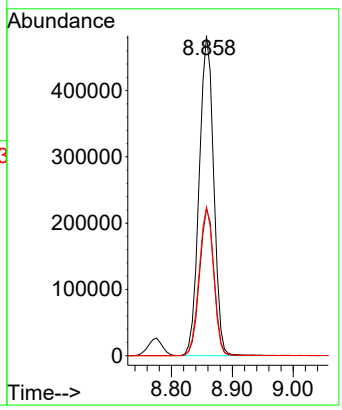


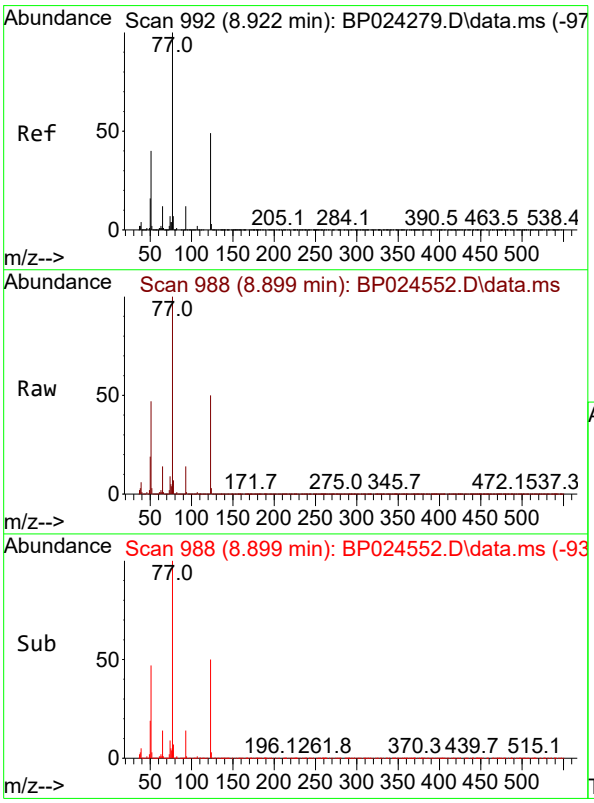
#23
Nitrobenzene-d5
Concen: 69.913 ng
RT: 8.858 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 82 Resp: 796746

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	46.5	33.4	50.2

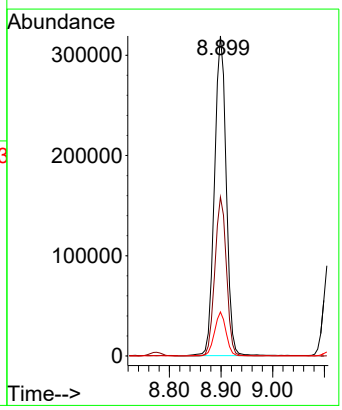


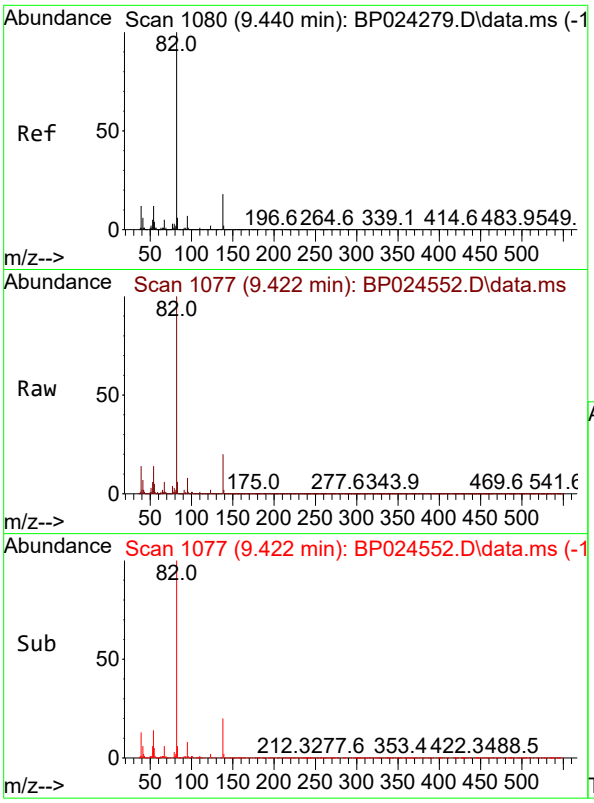


#24
Nitrobenzene
Concen: 44.611 ng
RT: 8.899 min Scan# 988
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 77 Resp: 502929

Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.2	58.8
65	13.7	9.8	14.6



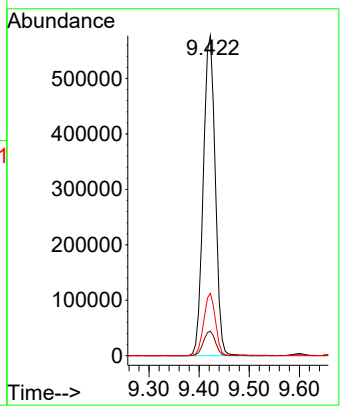


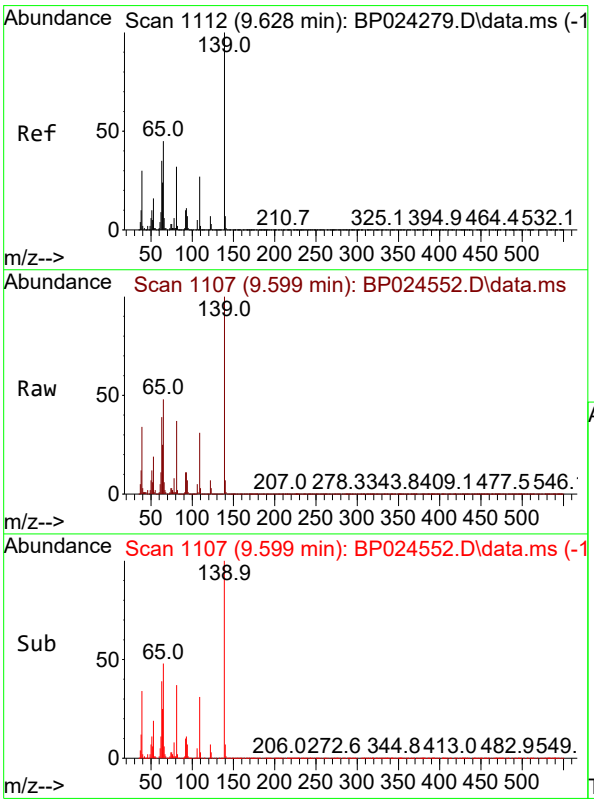
#25
Isophorone
Concen: 46.354 ng
RT: 9.422 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 82 Resp: 956187

Ion	Ratio	Lower	Upper
82	100		
95	7.7	5.4	8.2
138	19.5	14.4	21.6

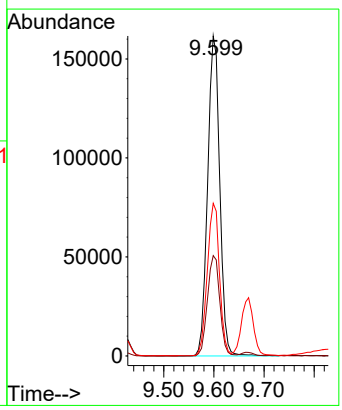


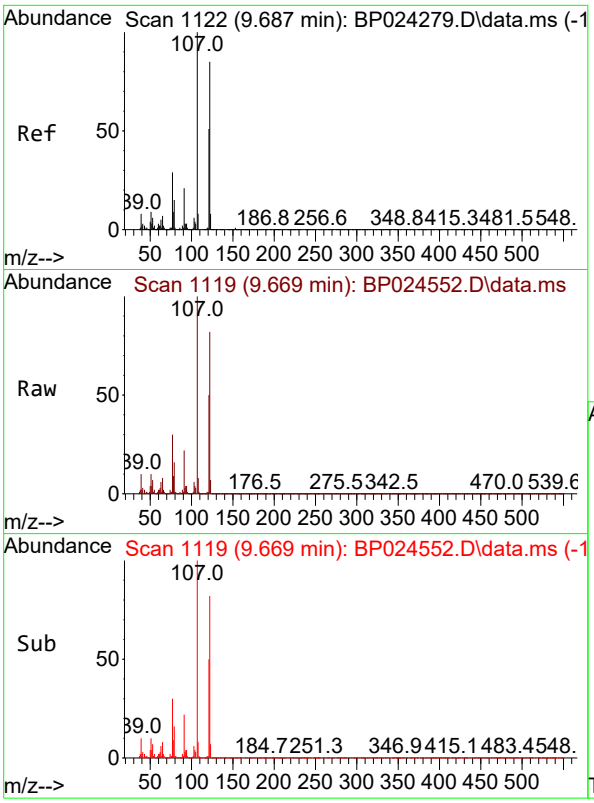


#26
2-Nitrophenol
Concen: 49.163 ng
RT: 9.599 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:139 Resp: 271234

Ion	Ratio	Lower	Upper
139	100		
109	31.3	21.8	32.6
65	47.7	36.2	54.2



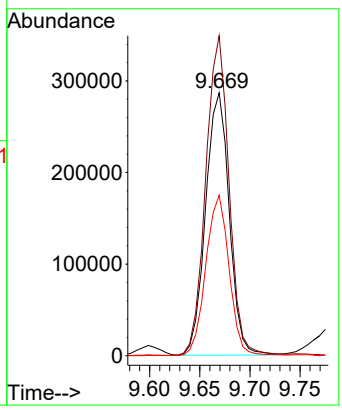


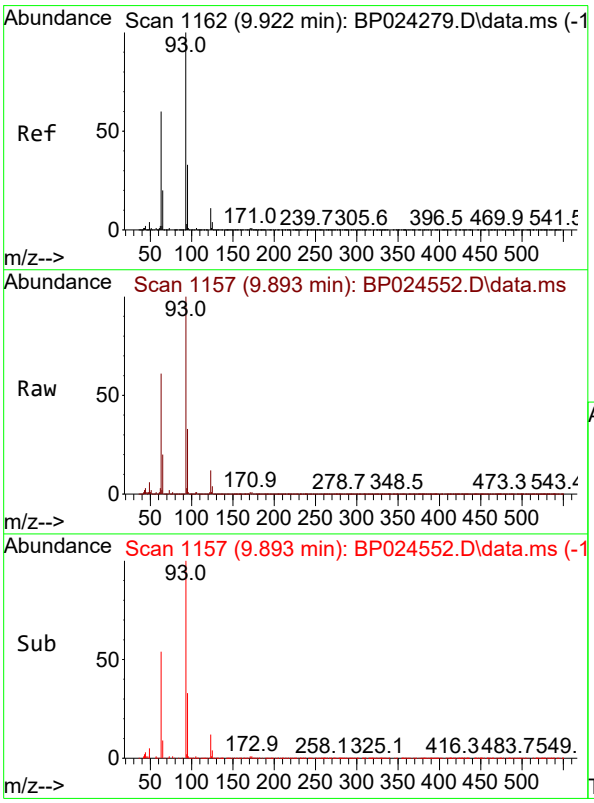
#27
2,4-Dimethylphenol
Concen: 68.065 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:122 Resp: 471513

Ion	Ratio	Lower	Upper
122	100		
107	121.7	93.7	140.5
121	61.1	48.2	72.2

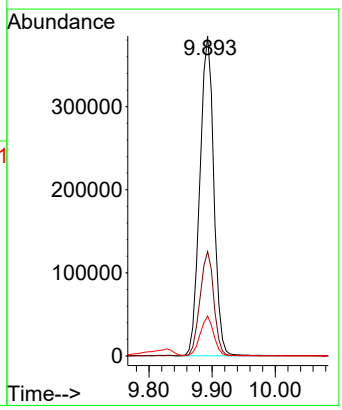


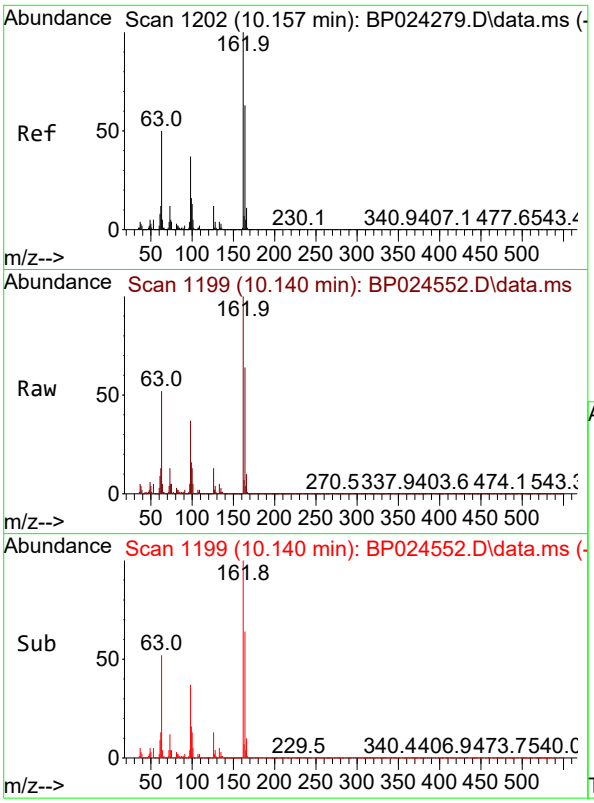


#28
bis(2-Chloroethoxy)methane
Concen: 42.348 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 93 Resp: 590120

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	12.4	9.1	13.7



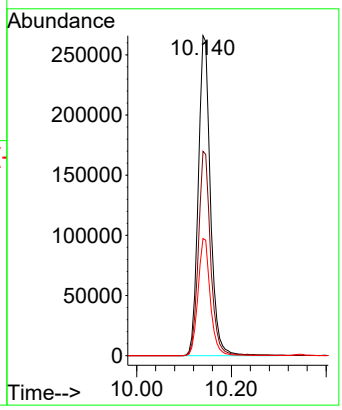


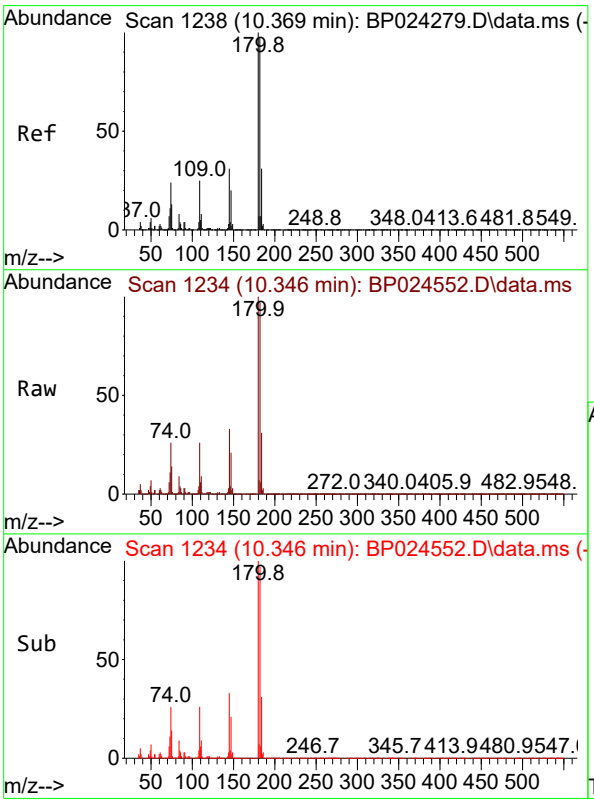
#29
2,4-Dichlorophenol
Concen: 50.021 ng
RT: 10.140 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:162 Resp: 472467

Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.3	83.3
98	36.6	16.6	56.6

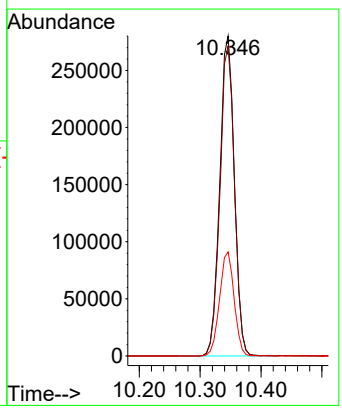


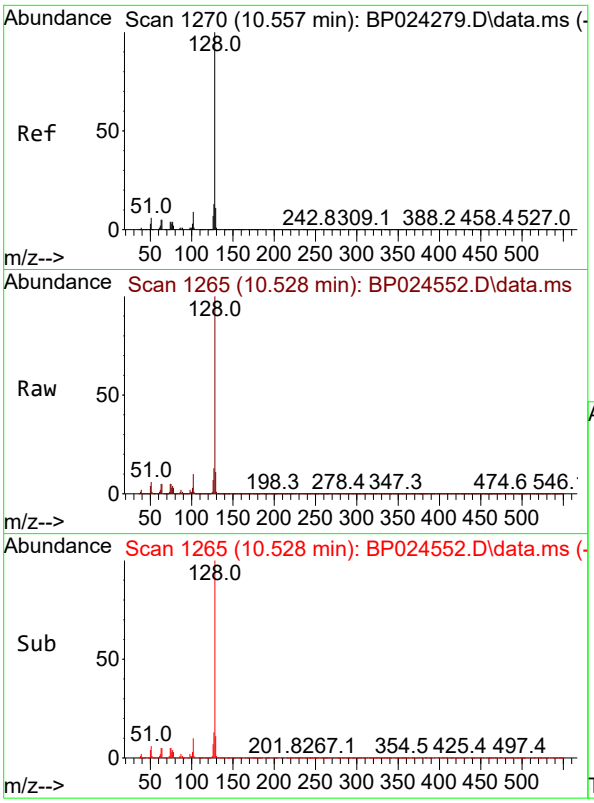


#30
1,2,4-Trichlorobenzene
Concen: 46.010 ng
RT: 10.346 min Scan# 1234
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:180 Resp: 465620

Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.3	115.9
145	32.6	25.1	37.7



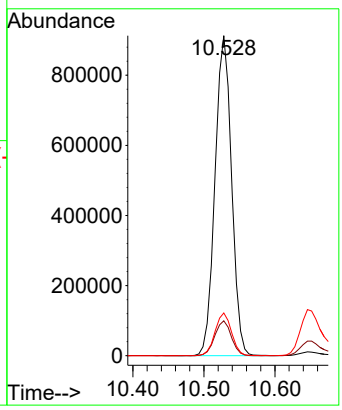


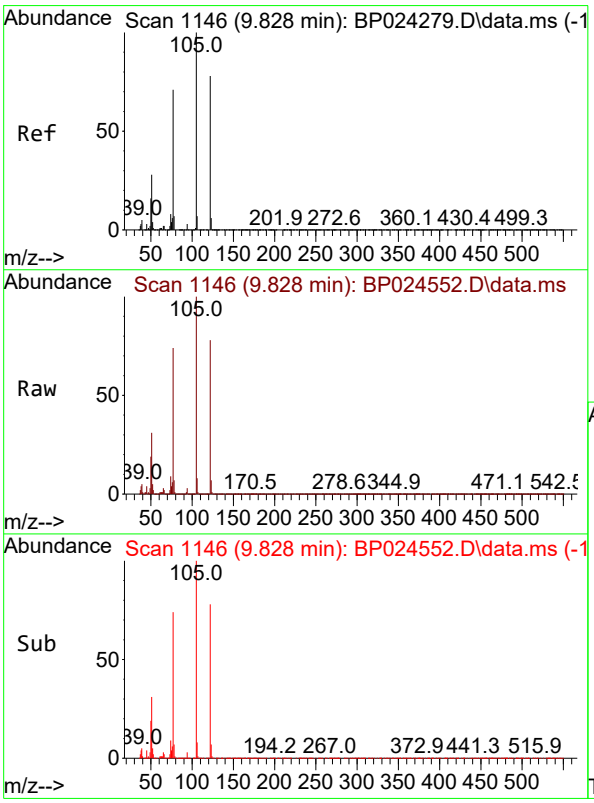
#31
Naphthalene
Concen: 43.076 ng
RT: 10.528 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:128 Resp: 1474499

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.3	15.5

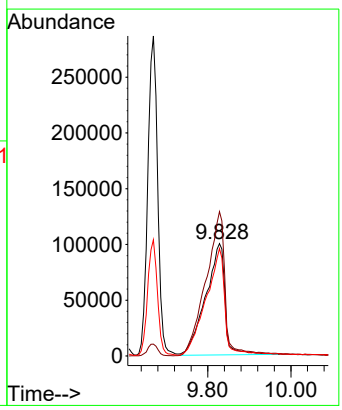


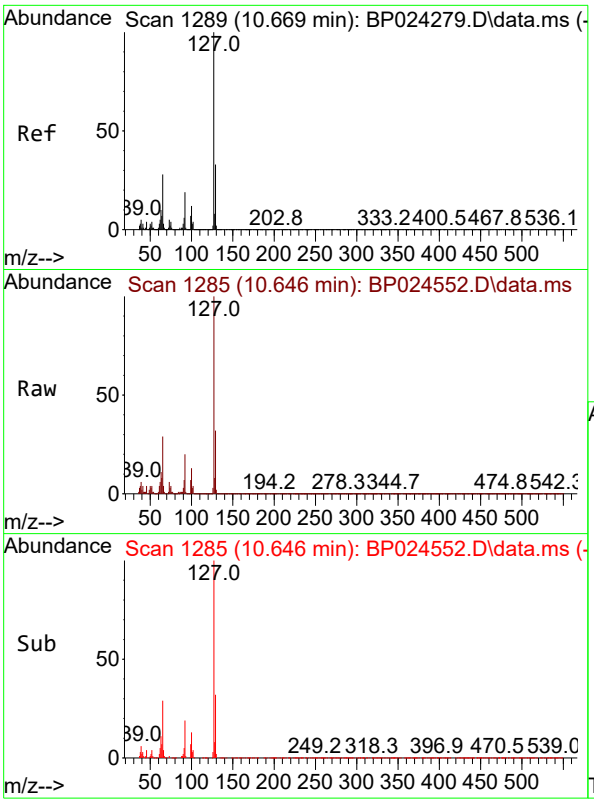


#32
Benzoic acid
Concen: 40.102 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:122 Resp: 323698

Ion	Ratio	Lower	Upper
122	100		
105	128.5	104.8	144.8
77	95.6	69.2	109.2



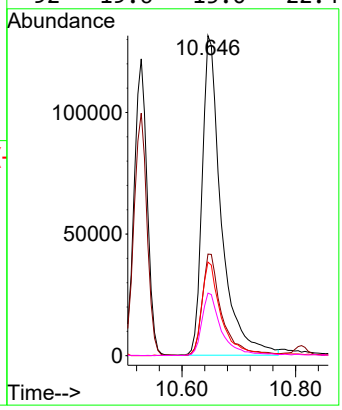


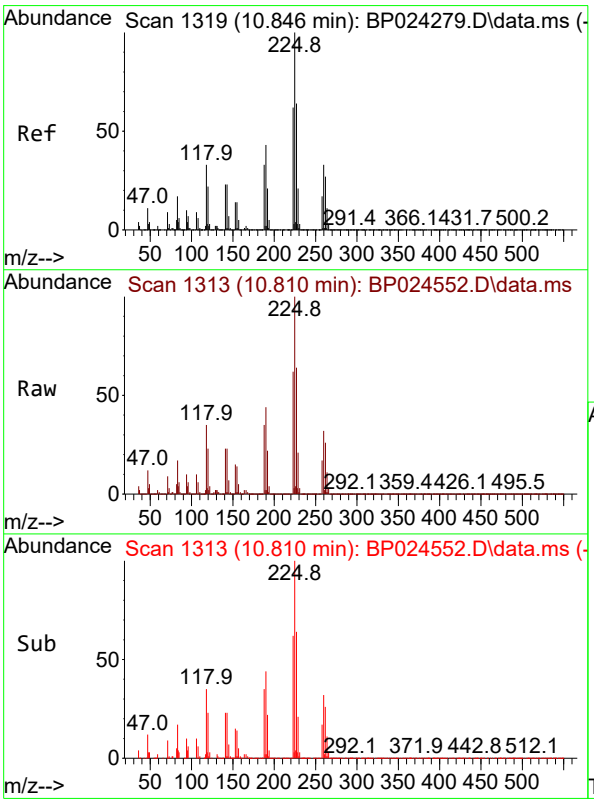
#33
4-Chloroaniline
Concen: 25.411 ng
RT: 10.646 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:127 Resp: 306313

Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	29.2	22.1	33.1
92	19.6	15.0	22.4

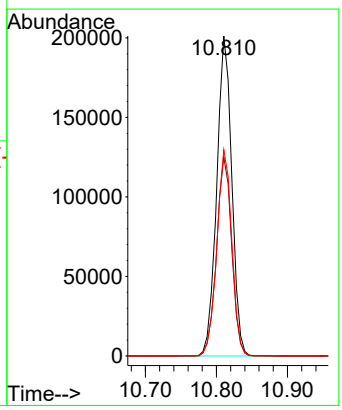


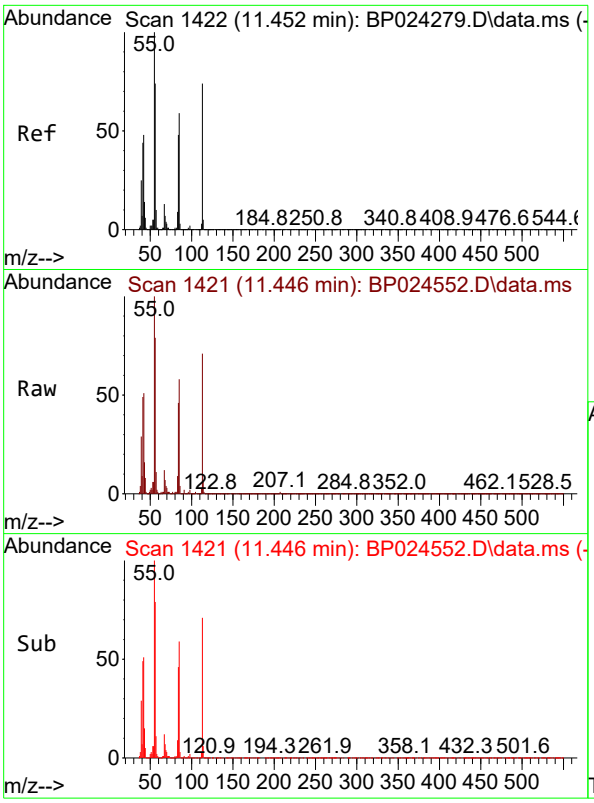


#34
Hexachlorobutadiene
Concen: 49.546 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:225 Resp: 294643

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.4	50.9	76.3



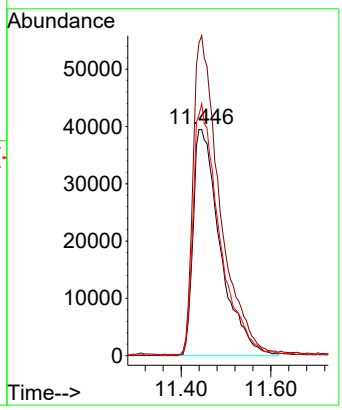


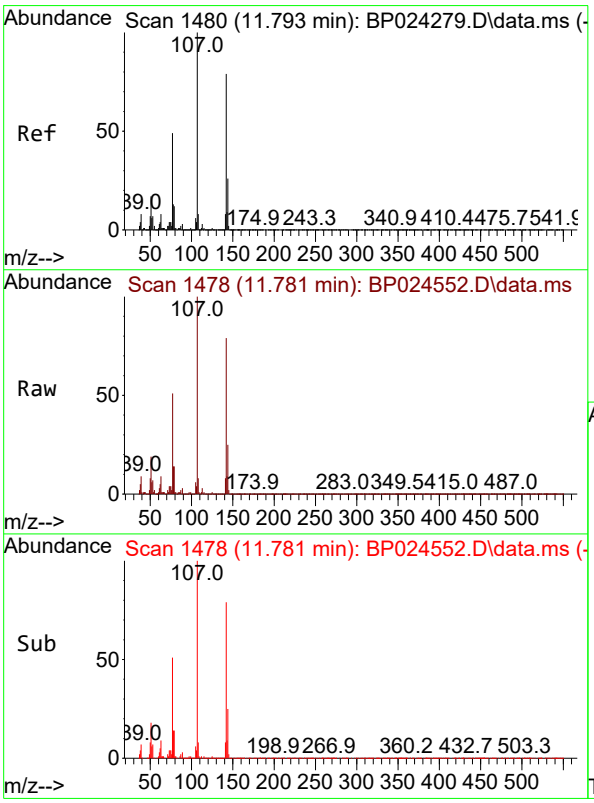
#35
Caprolactam
Concen: 47.324 ng
RT: 11.446 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:113 Resp: 164934

Ion	Ratio	Lower	Upper
113	100		
55	141.4	115.9	155.9
56	111.3	81.1	121.1

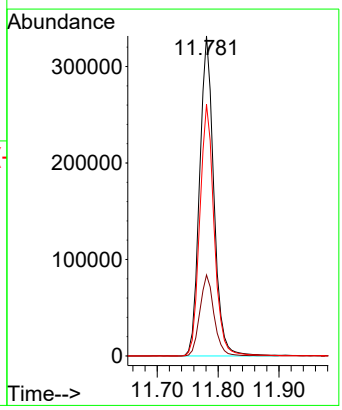


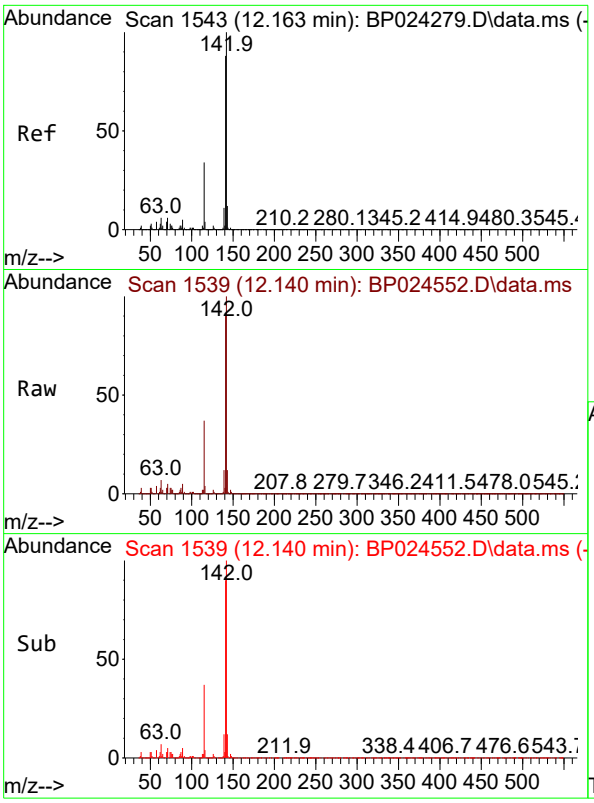


#36
4-Chloro-3-methylphenol
Concen: 48.983 ng
RT: 11.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:107 Resp: 538899

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	78.6	63.4	95.2



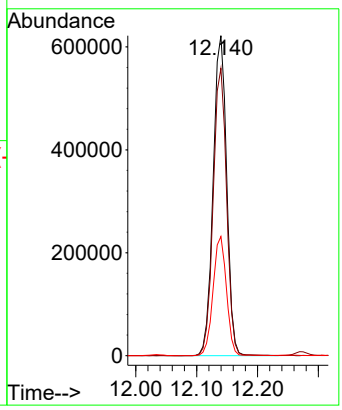


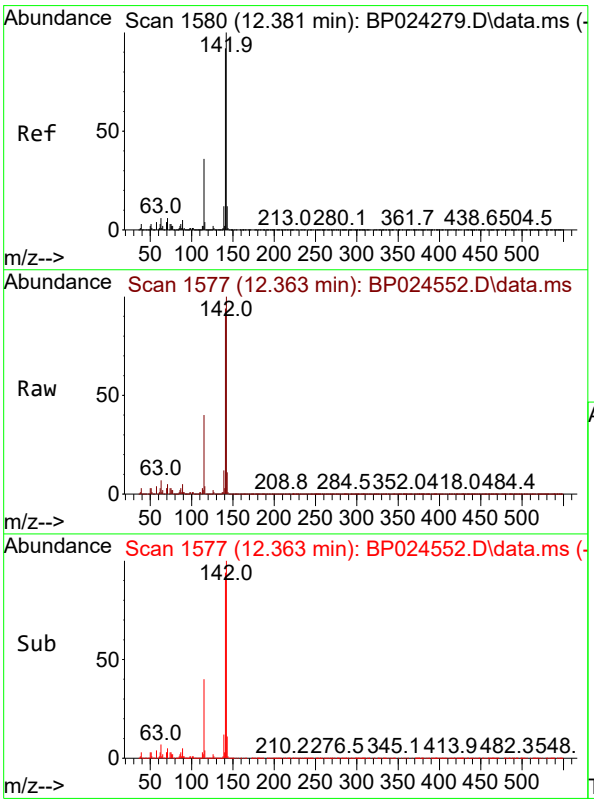
#37
2-Methylnaphthalene
Concen: 40.251 ng
RT: 12.140 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:142 Resp: 955540

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	37.3	26.9	40.3

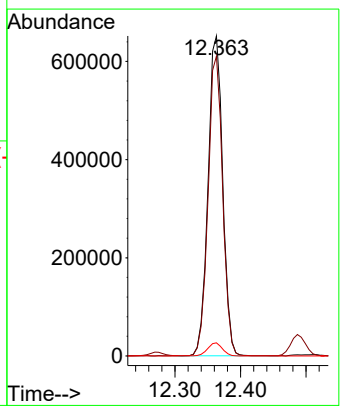


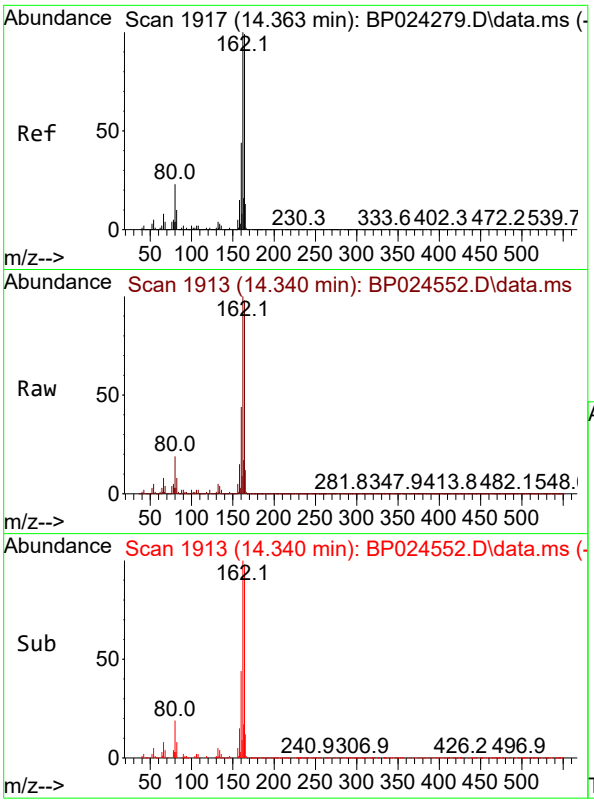


#38
1-Methylnaphthalene
Concen: 43.694 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:142 Resp: 1014735

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.6	110.4
116	4.1	3.0	4.6



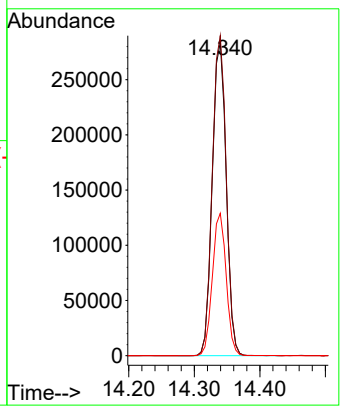


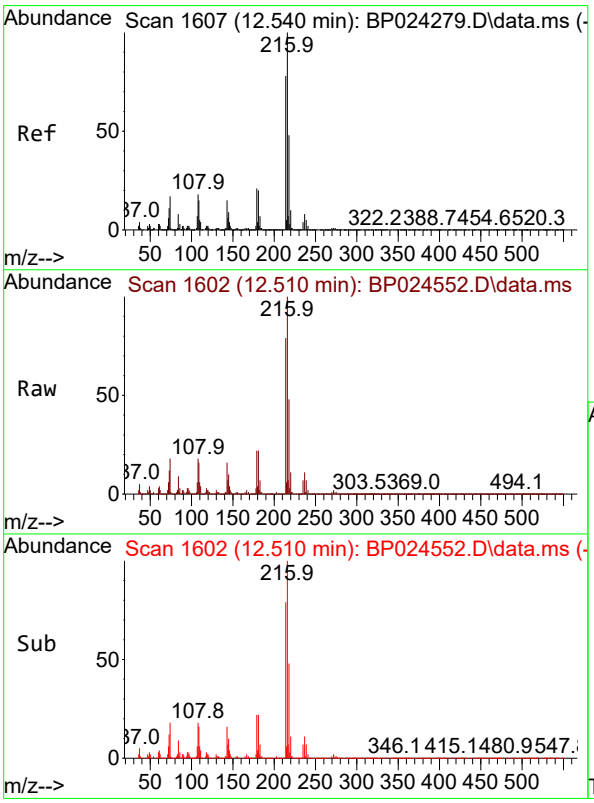
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:164 Resp: 418006

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.4	35.3	52.9

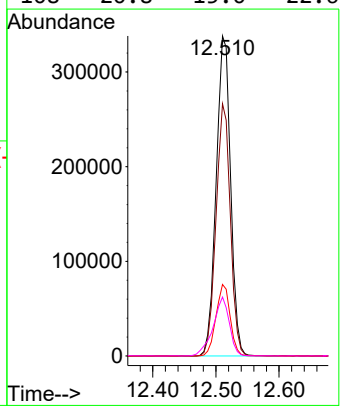


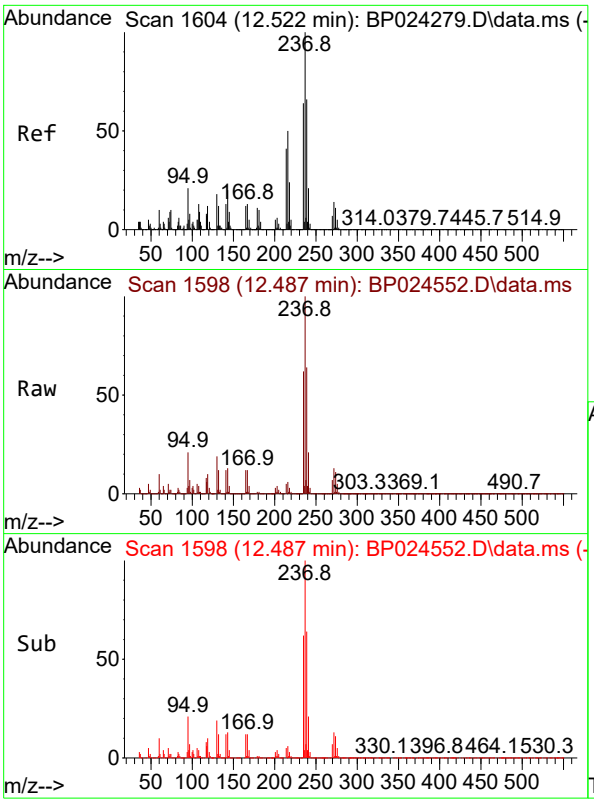


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.501 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:216 Resp: 534535

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	22.0	17.2	25.8
108	20.8	15.0	22.6



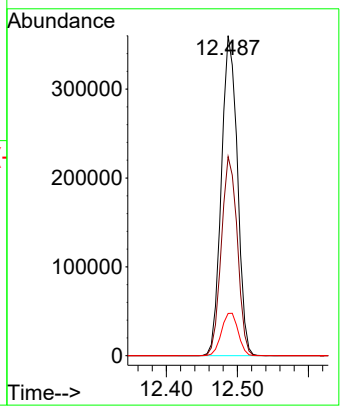


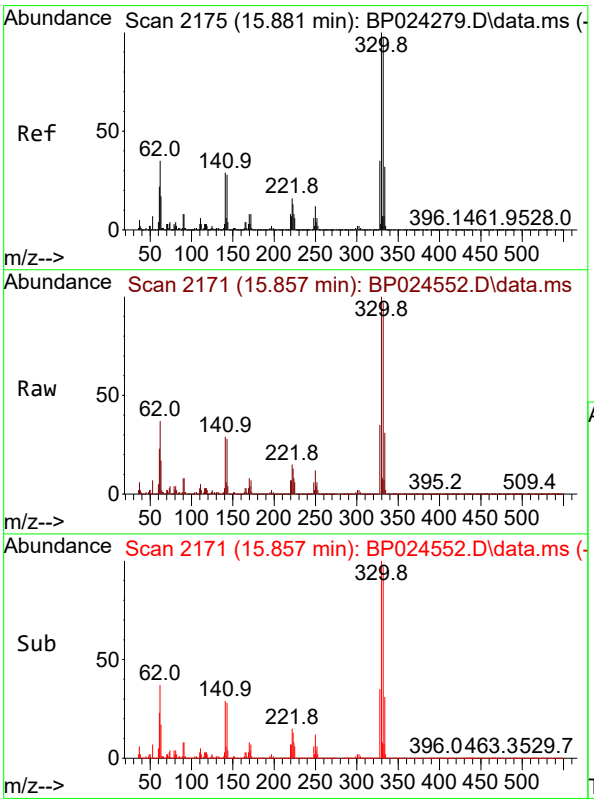
#41
Hexachlorocyclopentadiene
Concen: 137.957 ng
RT: 12.487 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:237 Resp: 560872

Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.9	83.9
272	13.2	0.0	33.6

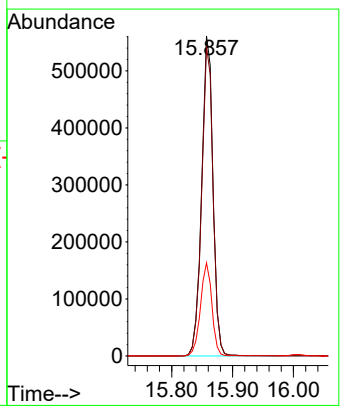


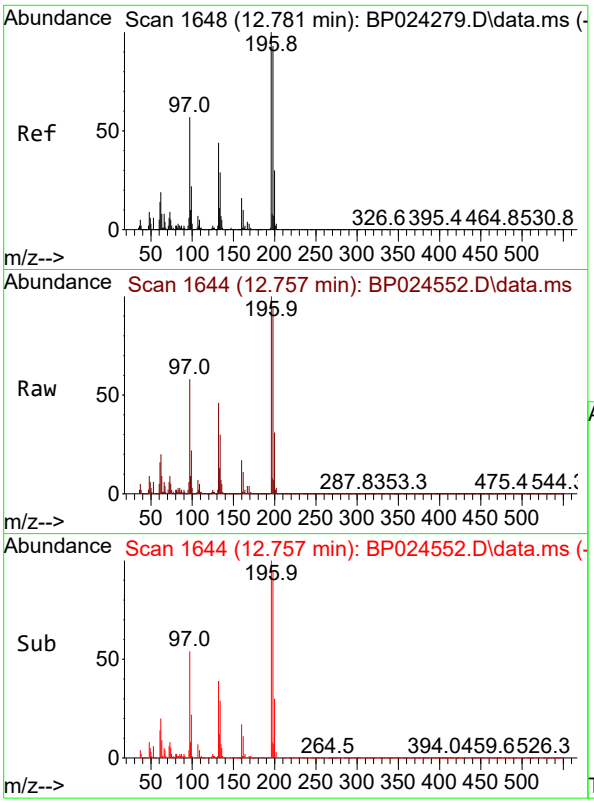


#42
2,4,6-Tribromophenol
Concen: 125.312 ng
RT: 15.857 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:330 Resp: 724719

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	29.3	24.7	37.1



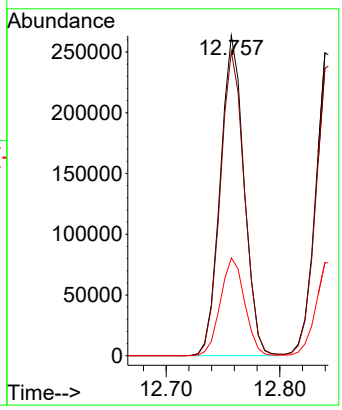


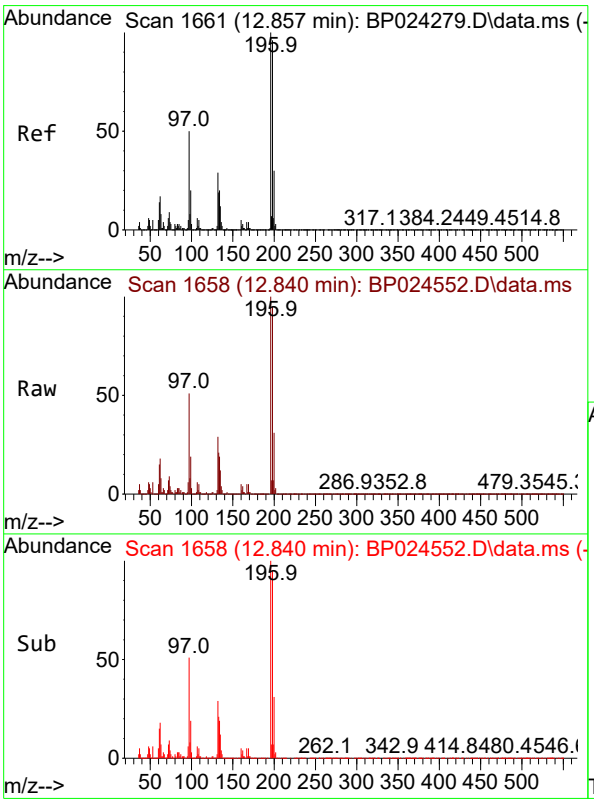
#43
2,4,6-Trichlorophenol
Concen: 50.114 ng
RT: 12.757 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:196 Resp: 383001

Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.3	111.5
200	30.6	24.0	36.0

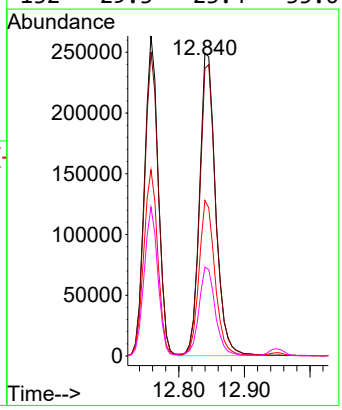


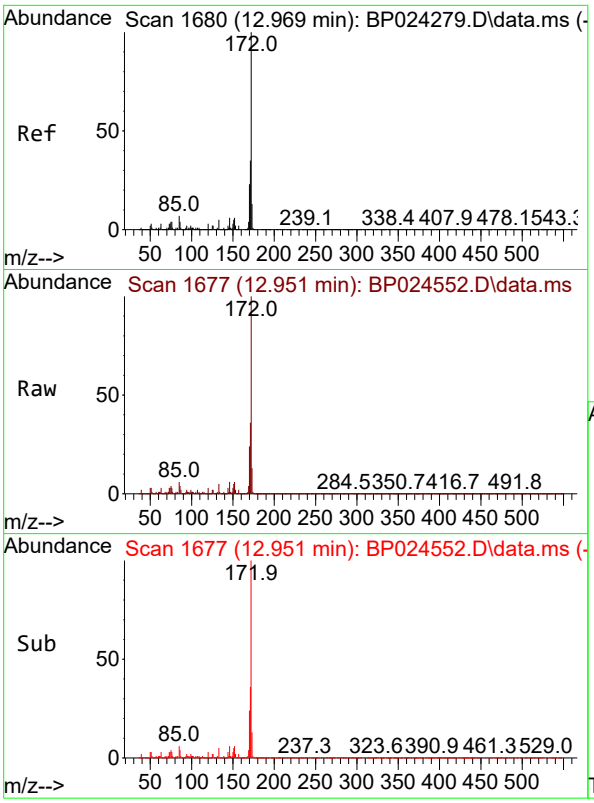


#44
2,4,5-Trichlorophenol
Concen: 50.405 ng
RT: 12.840 min Scan# 1658
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:196 Resp: 426586

Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.3	115.9
97	51.4	40.4	60.6
132	29.3	23.4	35.0



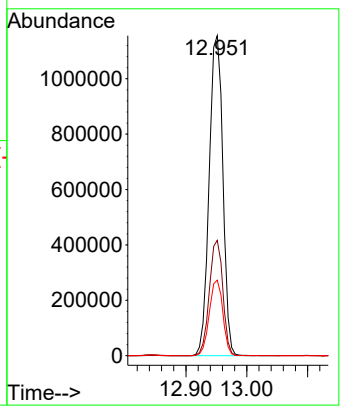


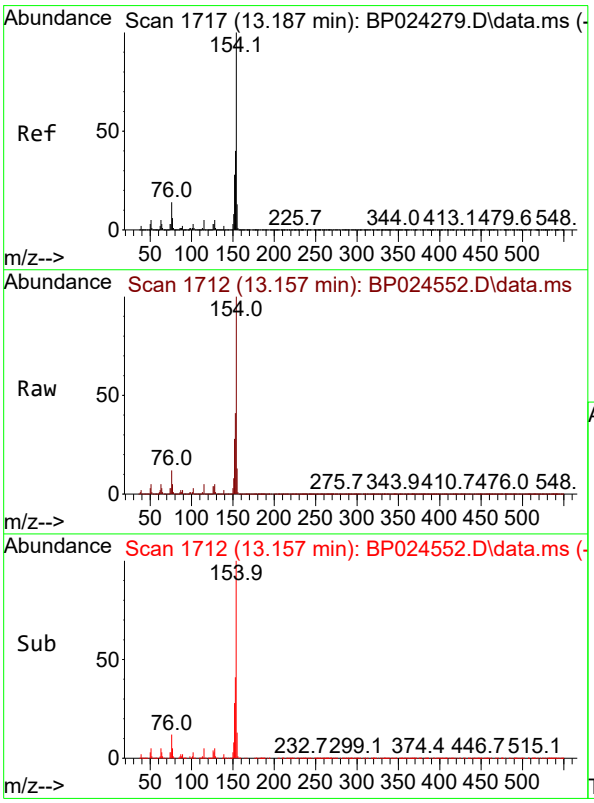
#45
2-Fluorobiphenyl
Concen: 66.136 ng
RT: 12.951 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:172 Resp: 1805561

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	23.6	18.6	27.8

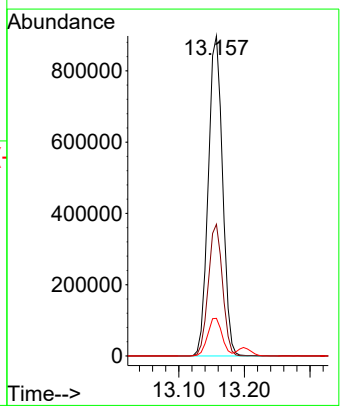


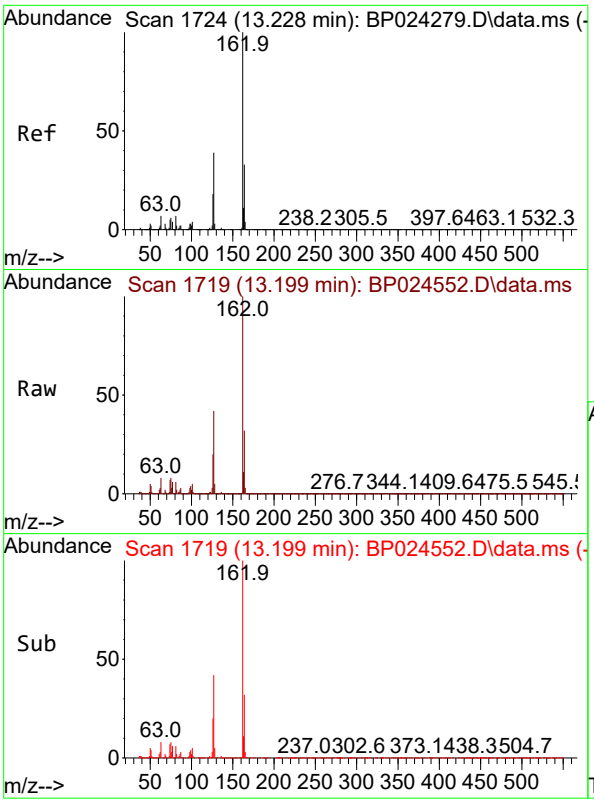


#46
1,1'-Biphenyl
Concen: 44.325 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:154 Resp: 1361923

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	11.7	0.0	33.5



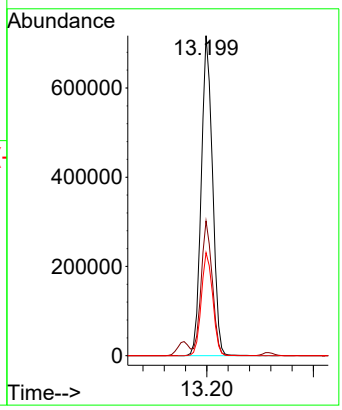


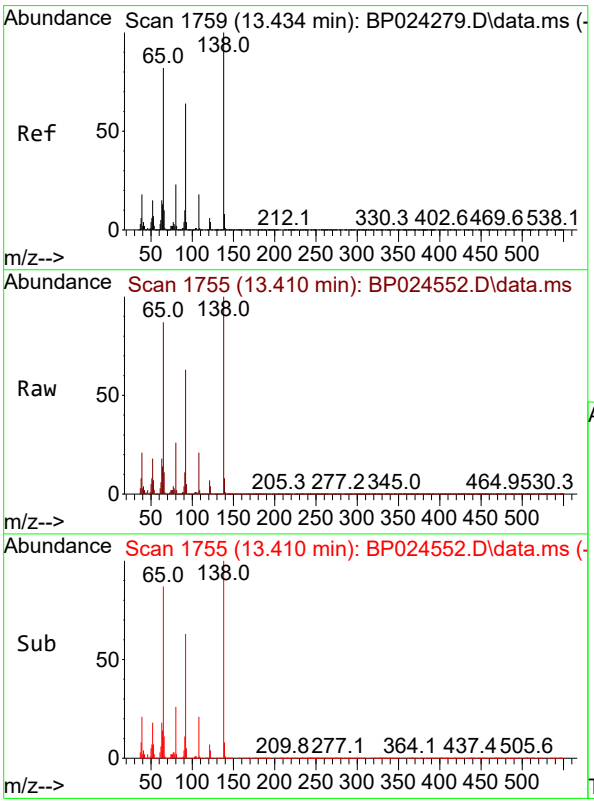
#47
2-Chloronaphthalene
Concen: 45.777 ng
RT: 13.199 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:162 Resp: 1051229

Ion	Ratio	Lower	Upper
162	100		
127	42.1	31.9	47.9
164	32.2	26.2	39.4

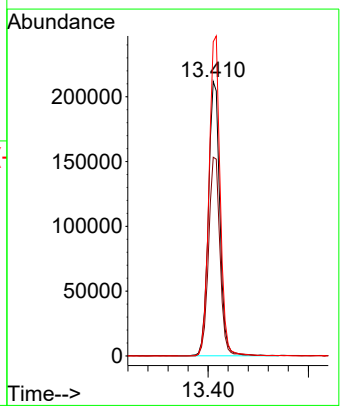


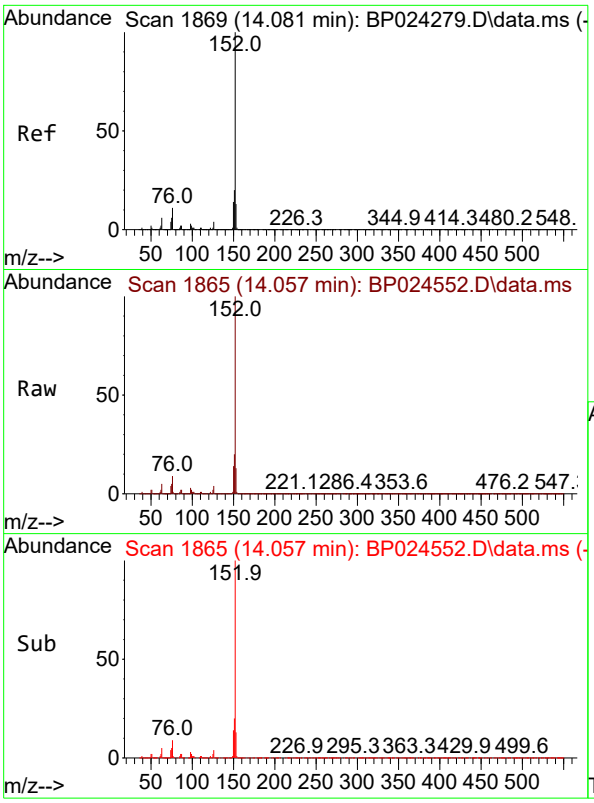


#48
2-Nitroaniline
Concen: 52.001 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion: 65 Resp: 334963

Ion	Ratio	Lower	Upper
65	100		
92	72.4	62.3	93.5
138	114.5	97.2	145.8



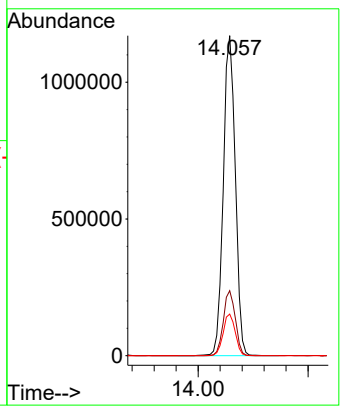


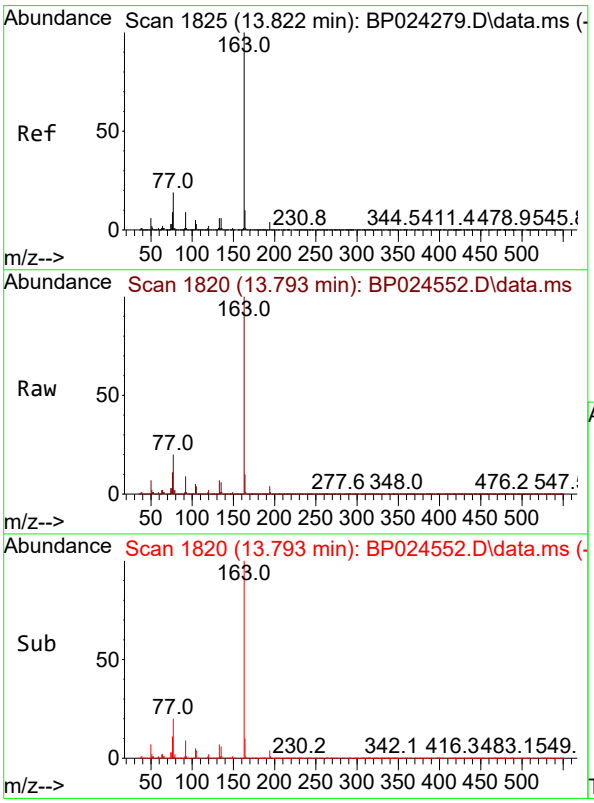
#49
Acenaphthylene
Concen: 49.016 ng
RT: 14.057 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:152 Resp: 1772177

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.0	10.6	15.8

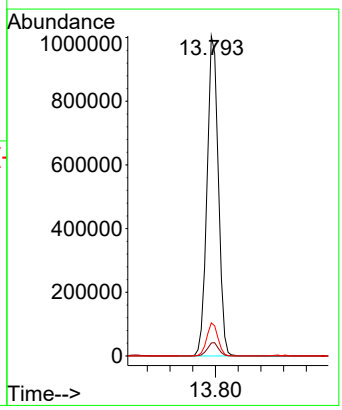


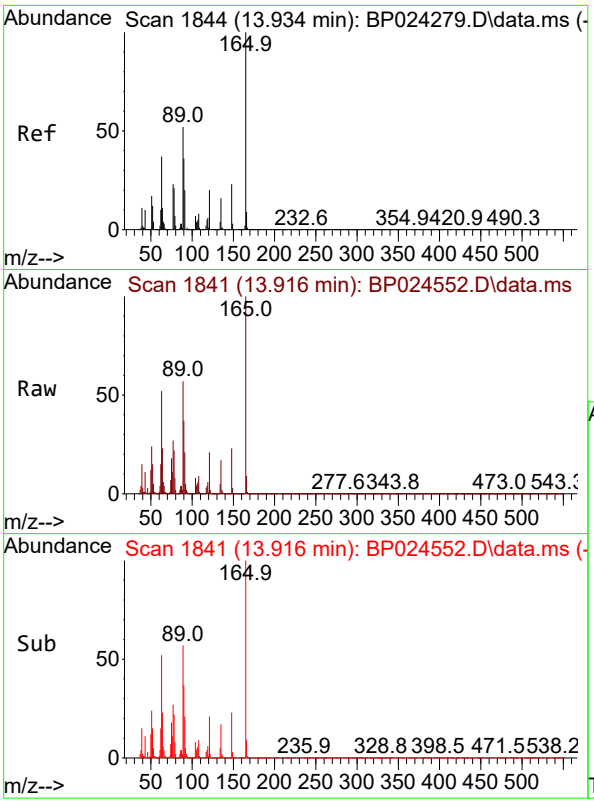


#50
Dimethylphthalate
Concen: 45.371 ng
RT: 13.793 min Scan# 1820
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:163 Resp: 1379203

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.4	8.0	12.0



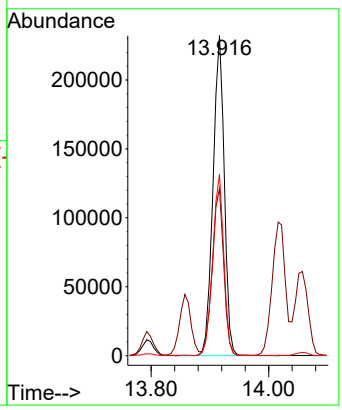


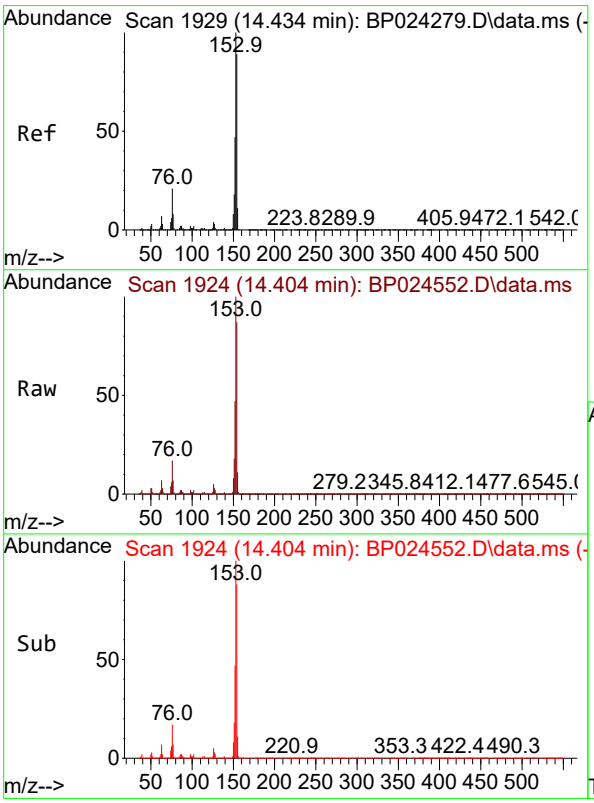
#51
2,6-Dinitrotoluene
Concen: 47.775 ng
RT: 13.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:165 Resp: 308388

Ion	Ratio	Lower	Upper
165	100		
63	52.3	38.0	57.0
89	56.7	41.7	62.5

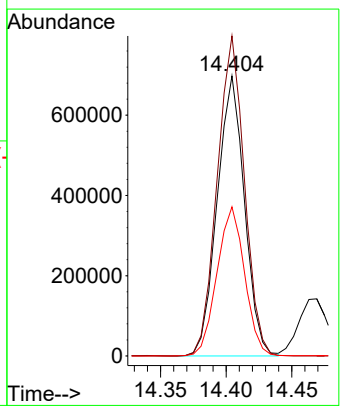


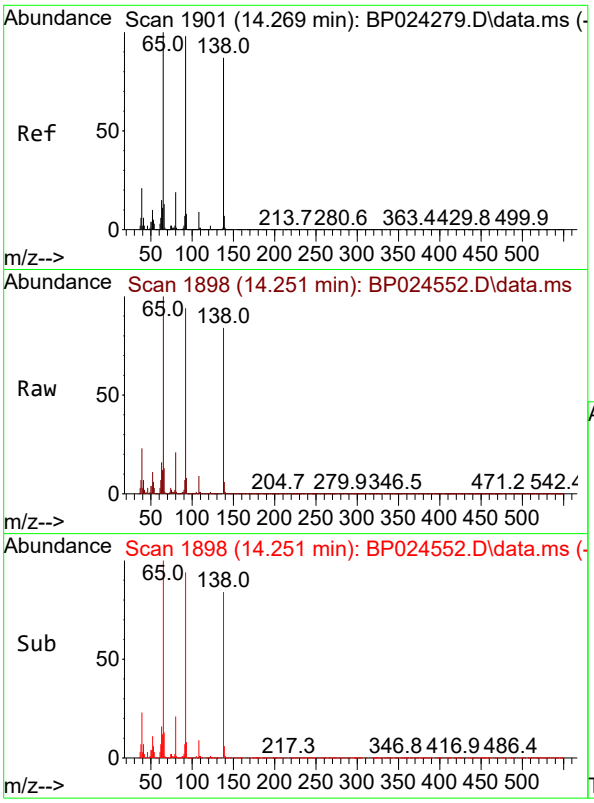


#52
Acenaphthene
Concen: 44.039 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:154 Resp: 1009427

Ion	Ratio	Lower	Upper
154	100		
153	114.3	89.8	134.6
152	53.3	42.6	63.8



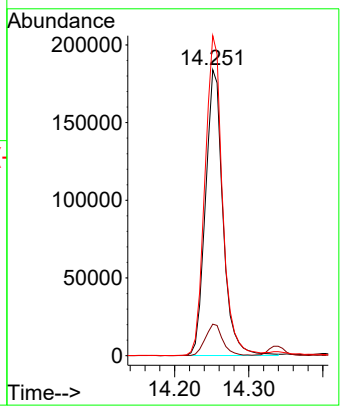


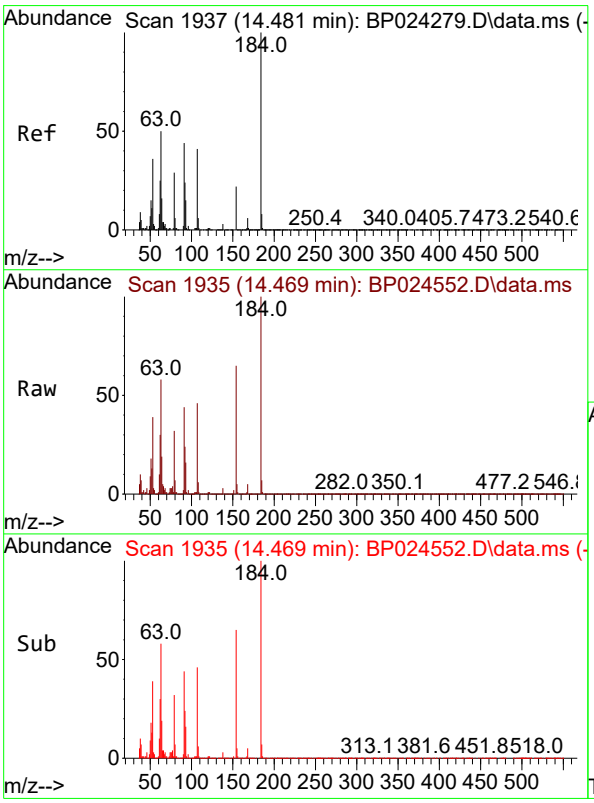
#53
3-Nitroaniline
Concen: 44.335 ng
RT: 14.251 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:138 Resp: 300781

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.3	12.5
92	111.9	89.8	134.8

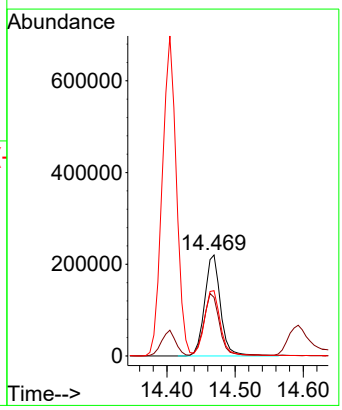


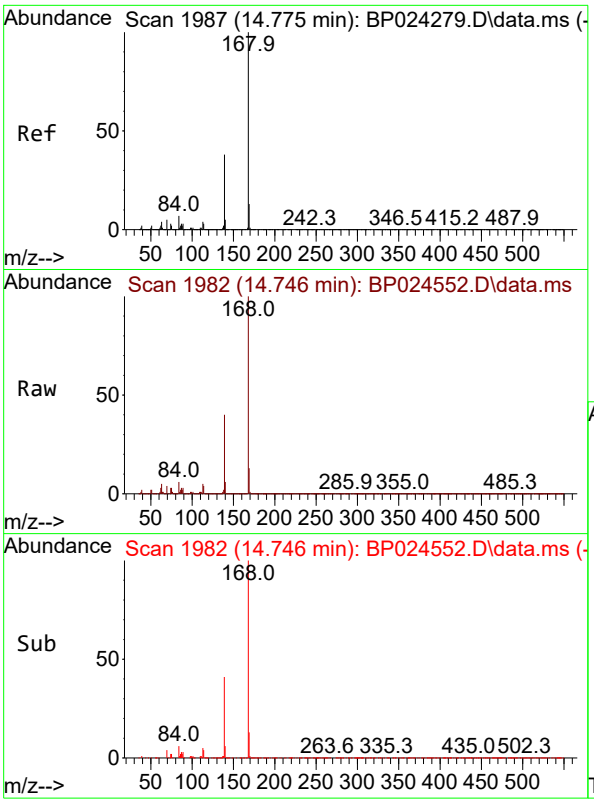


#54
2,4-Dinitrophenol
Concen: 93.869 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:184 Resp: 356916

Ion	Ratio	Lower	Upper
184	100		
63	58.1	42.6	64.0
154	64.6	47.2	70.8



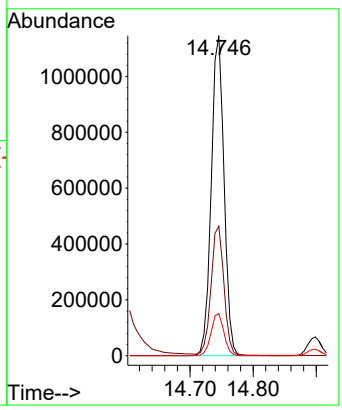


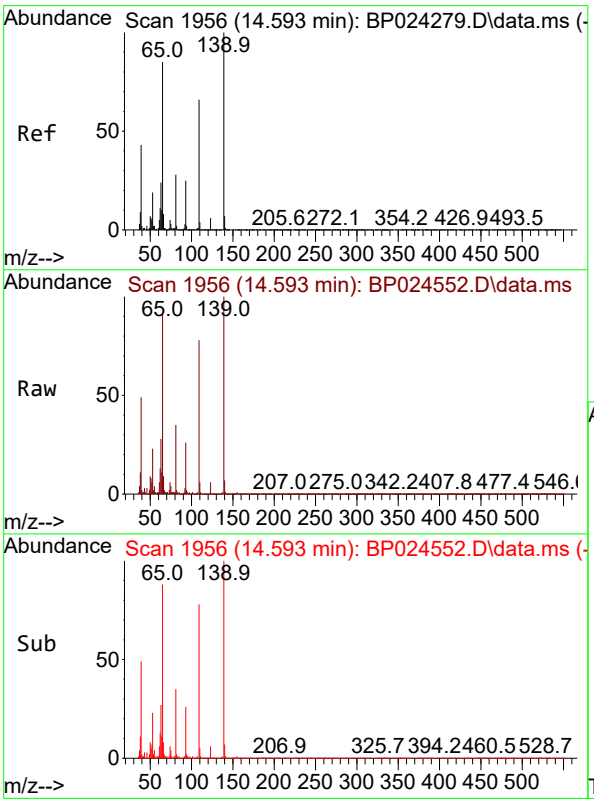
#55
Dibenzofuran
Concen: 42.877 ng
RT: 14.746 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:168 Resp: 1606452

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.3	45.5
169	13.1	10.6	16.0

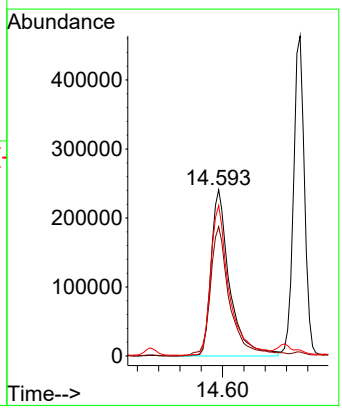


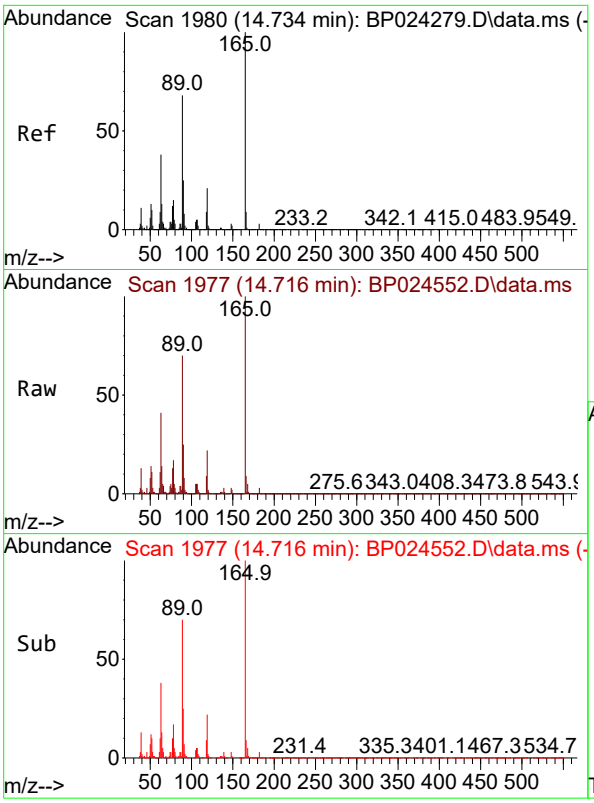


#56
4-Nitrophenol
Concen: 98.447 ng
RT: 14.593 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:139 Resp: 576827

Ion	Ratio	Lower	Upper
139	100		
109	77.7	46.1	86.1
65	90.5	65.0	105.0



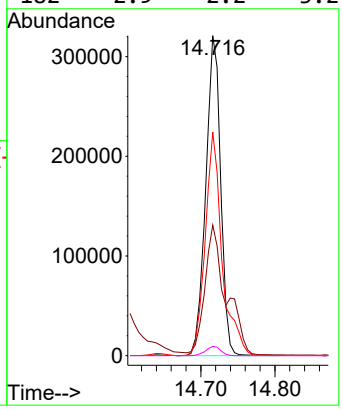


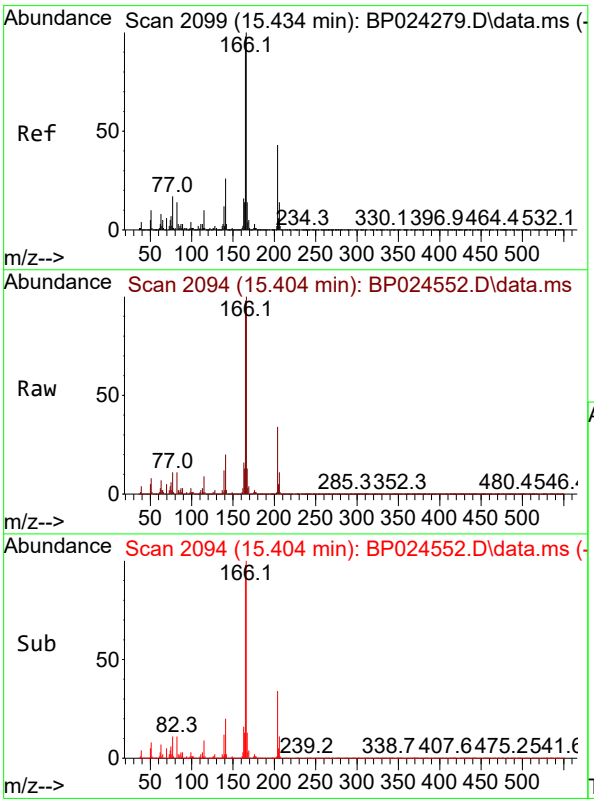
#57
2,4-Dinitrotoluene
Concen: 50.725 ng
RT: 14.716 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:165 Resp: 446655

Ion	Ratio	Lower	Upper
165	100		
63	40.8	30.4	45.6
89	69.9	54.6	82.0
182	2.9	2.2	3.2

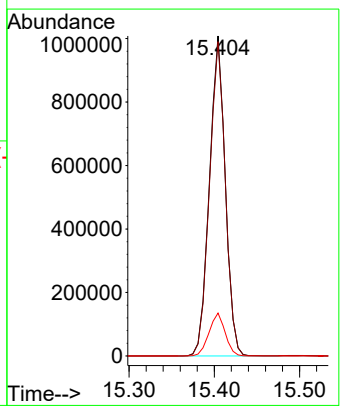


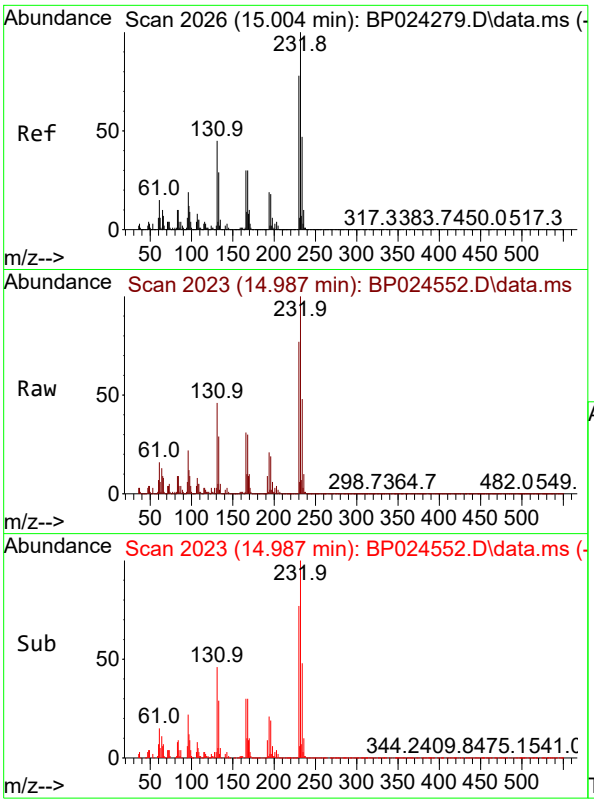


#58
Fluorene
Concen: 44.944 ng
RT: 15.404 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:166 Resp: 1303551

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.1	117.1
167	13.4	10.9	16.3



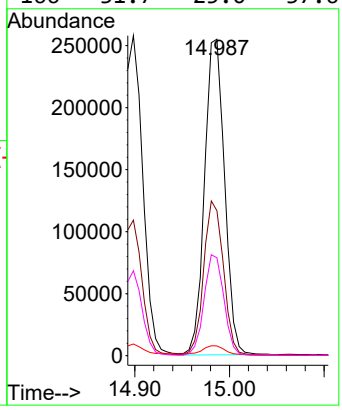


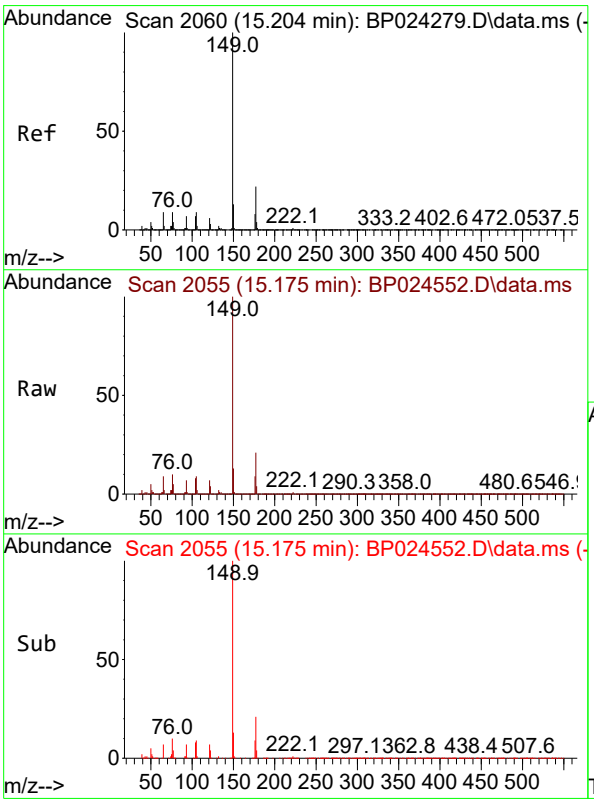
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.017 ng
RT: 14.987 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:232 Resp: 374808

Ion	Ratio	Lower	Upper
232	100		
131	48.8	36.8	55.2
130	4.1	1.9	2.9#
166	31.7	25.0	37.6

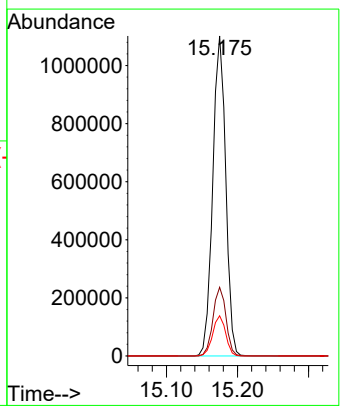


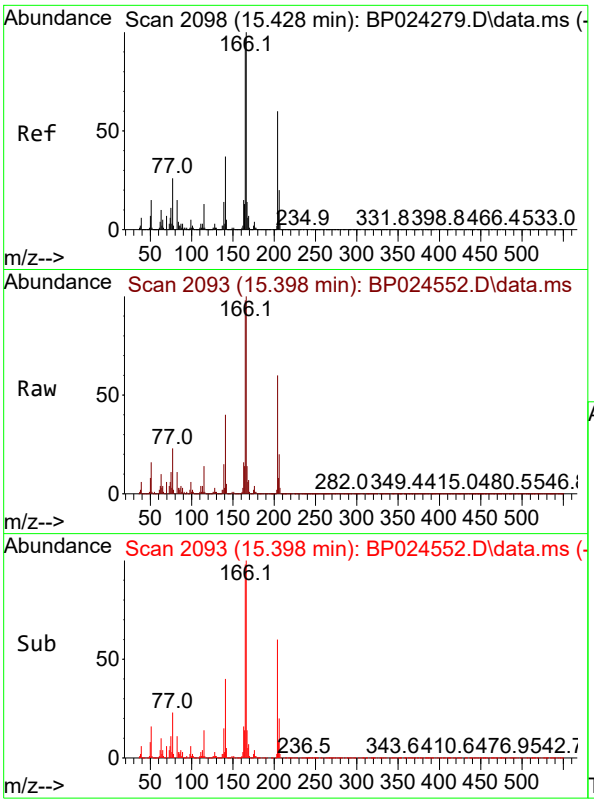


#60
Diethylphthalate
Concen: 44.495 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 1393842

Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	10.1	15.1



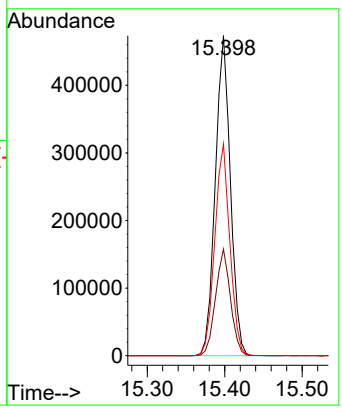


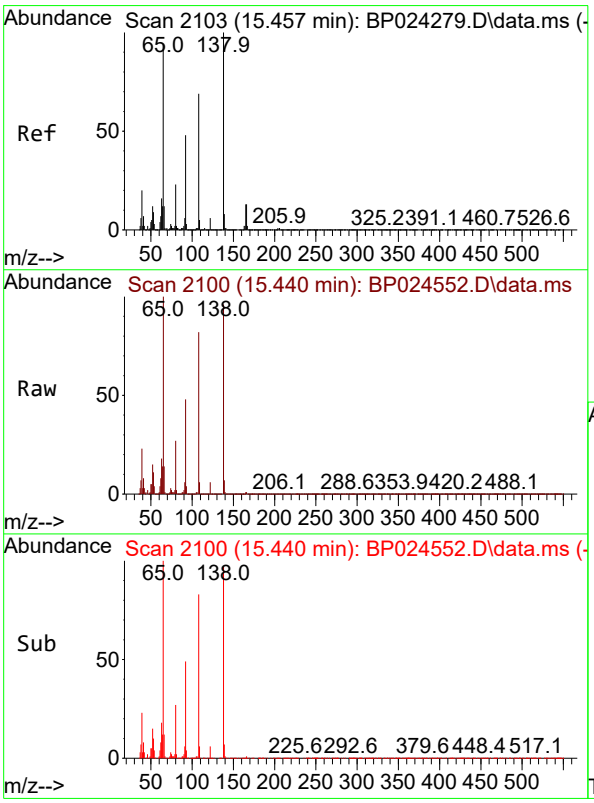
#61
4-Chlorophenyl-phenylether
Concen: 45.455 ng
RT: 15.398 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:204 Resp: 640203

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	66.1	49.4	74.0

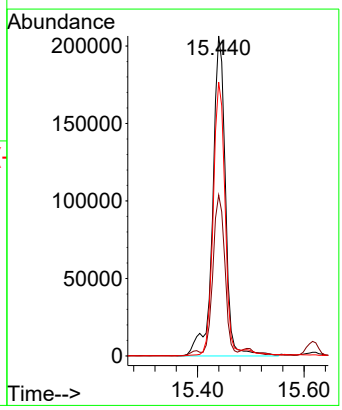


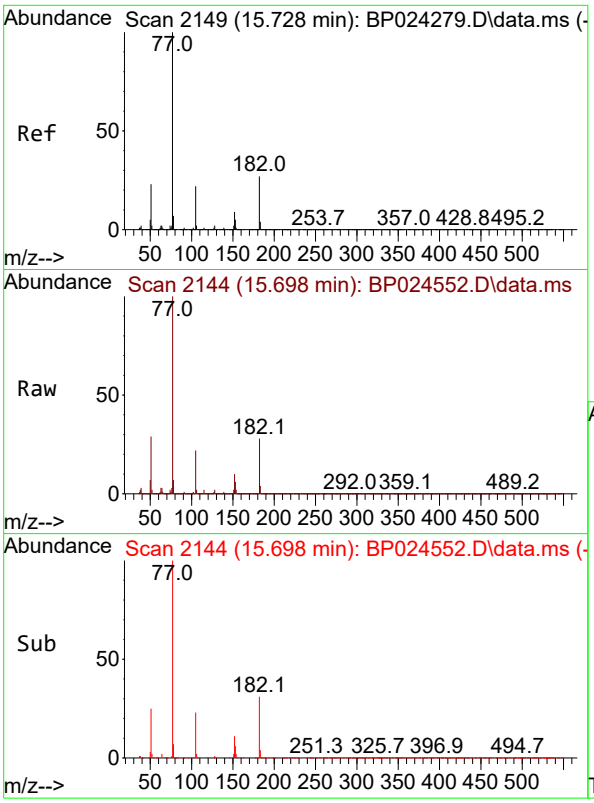


#62
4-Nitroaniline
Concen: 47.912 ng
RT: 15.440 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:138 Resp: 344101

Ion	Ratio	Lower	Upper
138	100		
92	50.3	27.8	67.8
108	85.6	48.9	88.9



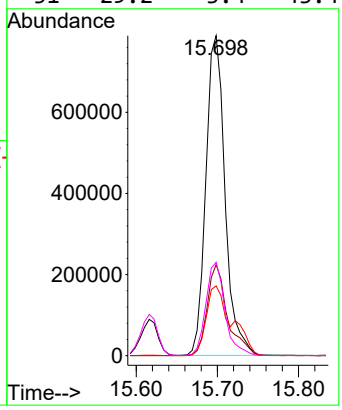


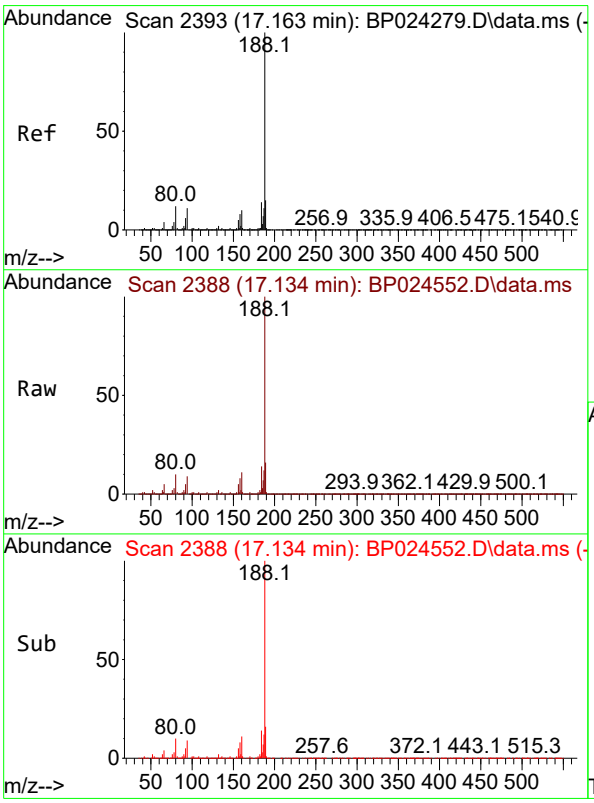
#63
Azobenzene
Concen: 44.852 ng
RT: 15.698 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion: 77 Resp: 1291393

Ion	Ratio	Lower	Upper
77	100		
182	28.5	7.3	47.3
105	21.8	2.3	42.3
51	29.2	3.4	43.4

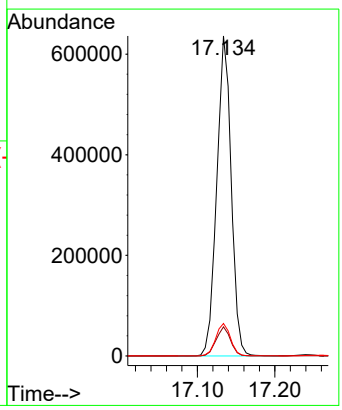


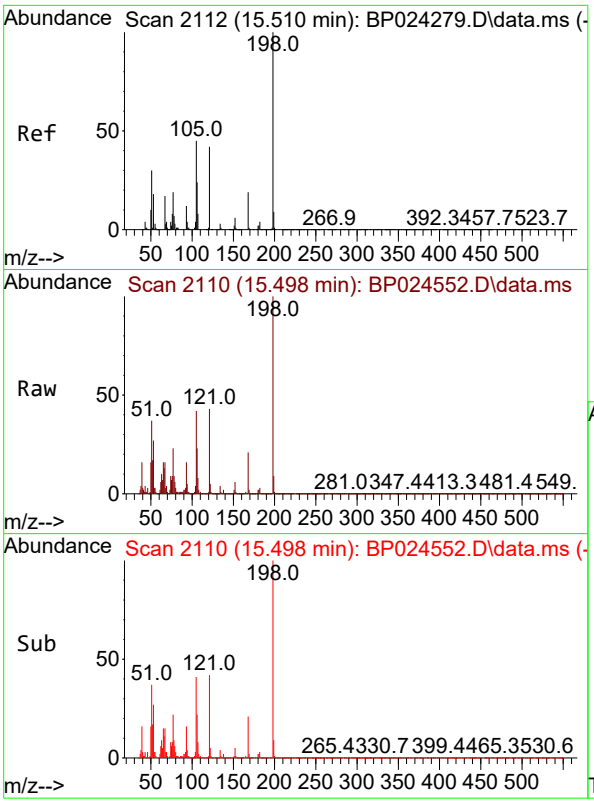


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:188 Resp: 822120

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.6	13.0
80	10.2	9.8	14.6



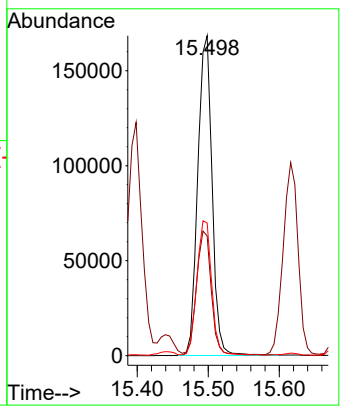


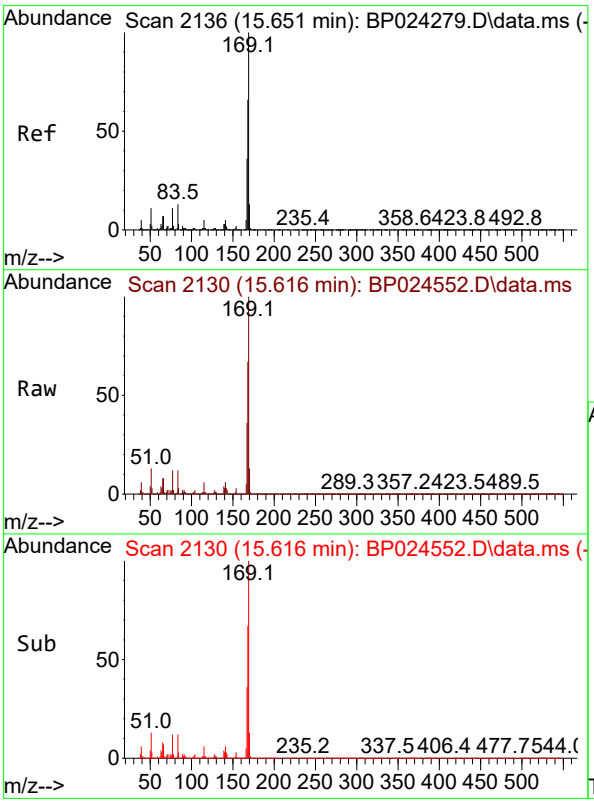
#65
4,6-Dinitro-2-methylphenol
Concen: 45.719 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:198 Resp: 236969

Ion	Ratio	Lower	Upper
198	100		
51	37.4	18.4	58.4
105	41.5	26.5	66.5

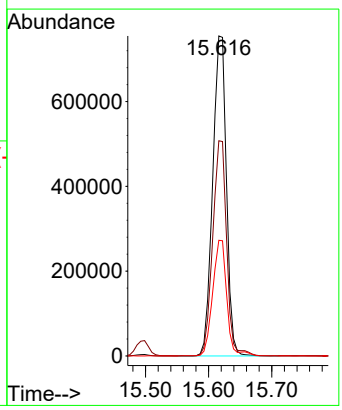


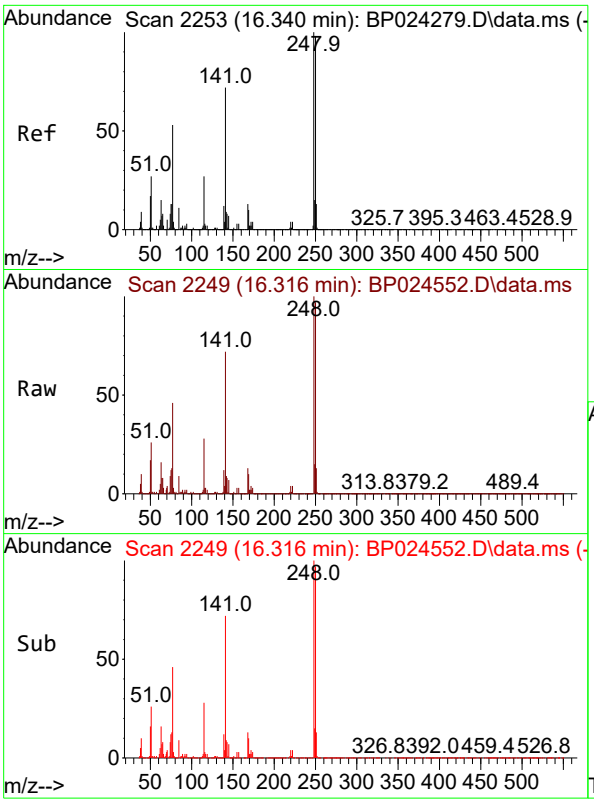


#66
n-Nitrosodiphenylamine
Concen: 46.348 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:169 Resp: 1137293

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.0	79.4
167	36.1	28.9	43.3



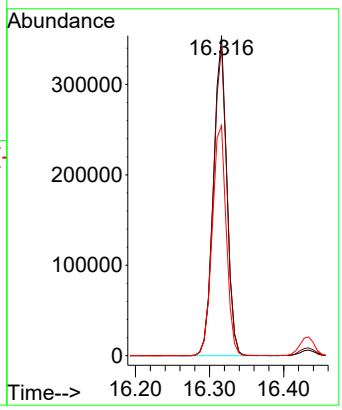


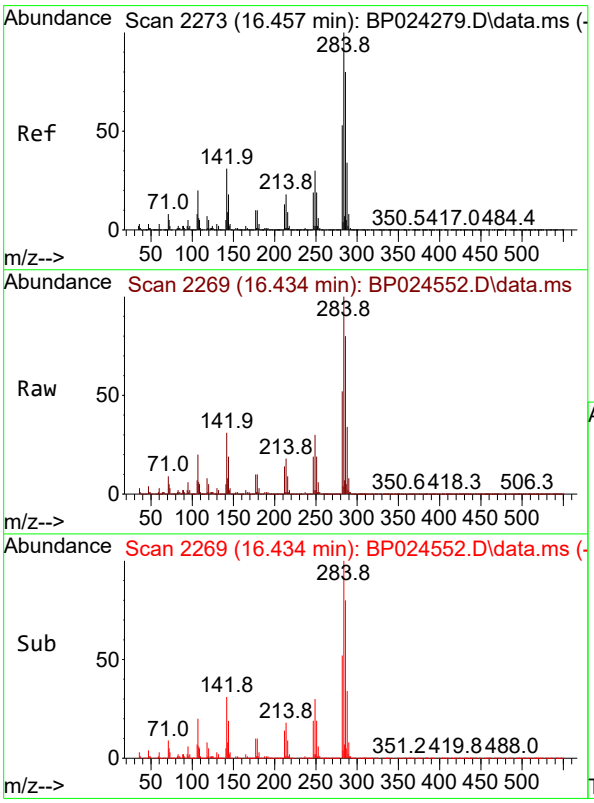
#67
4-Bromophenyl-phenylether
Concen: 49.167 ng
RT: 16.316 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:248 Resp: 442075

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	71.9	57.7	86.5

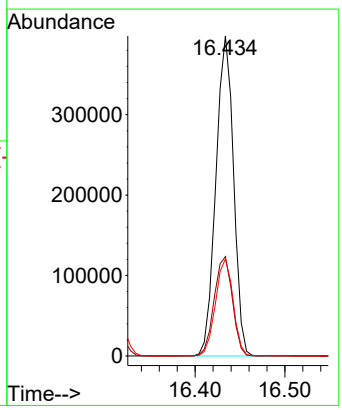


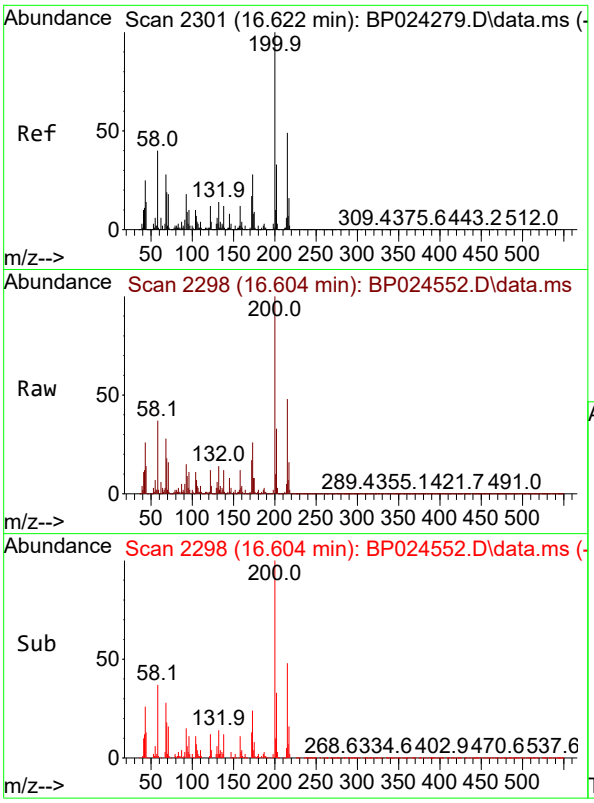


#68
Hexachlorobenzene
Concen: 50.871 ng
RT: 16.434 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:284 Resp: 543514

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.6	37.0
249	30.4	23.8	35.6



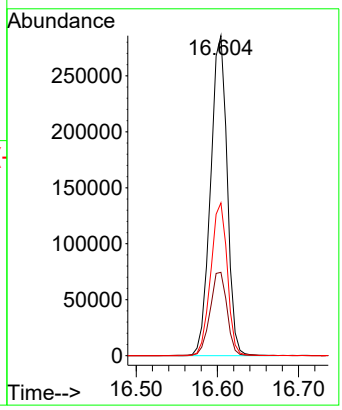


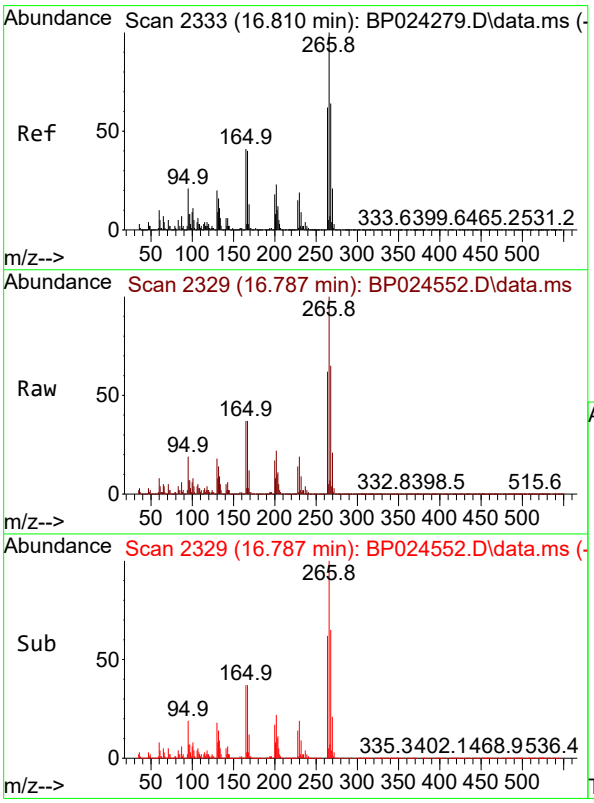
#69
Atrazine
Concen: 64.826 ng
RT: 16.604 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:200 Resp: 405143

Ion	Ratio	Lower	Upper
200	100		
173	26.0	7.5	47.5
215	47.8	28.8	68.8

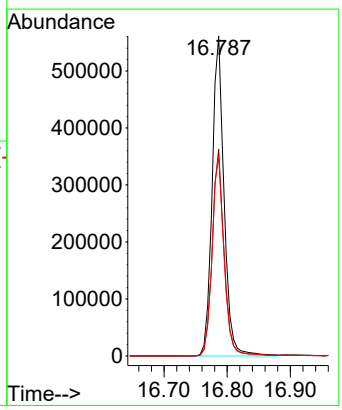


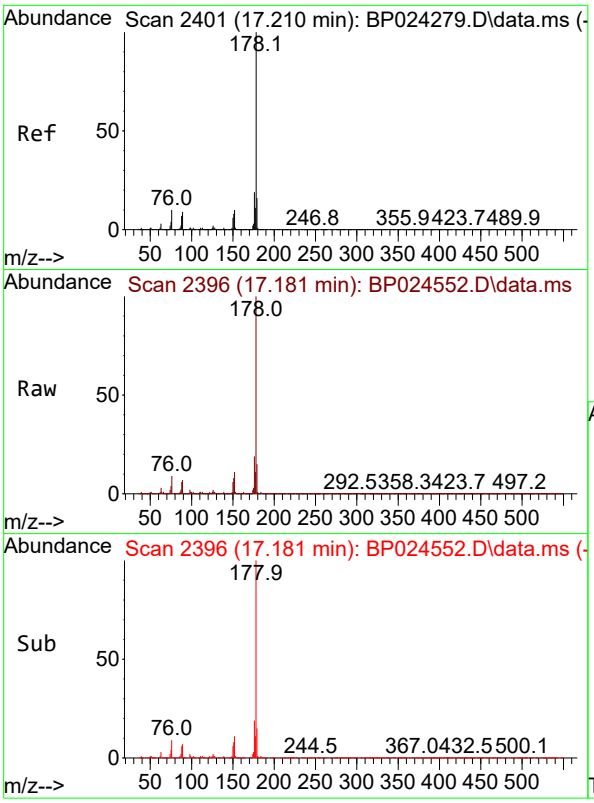


#70
Pentachlorophenol
Concen: 98.652 ng
RT: 16.787 min Scan# 2329
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:266 Resp: 735312

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.0	76.6
264	62.4	49.8	74.6



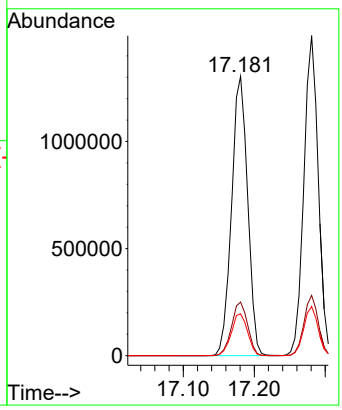


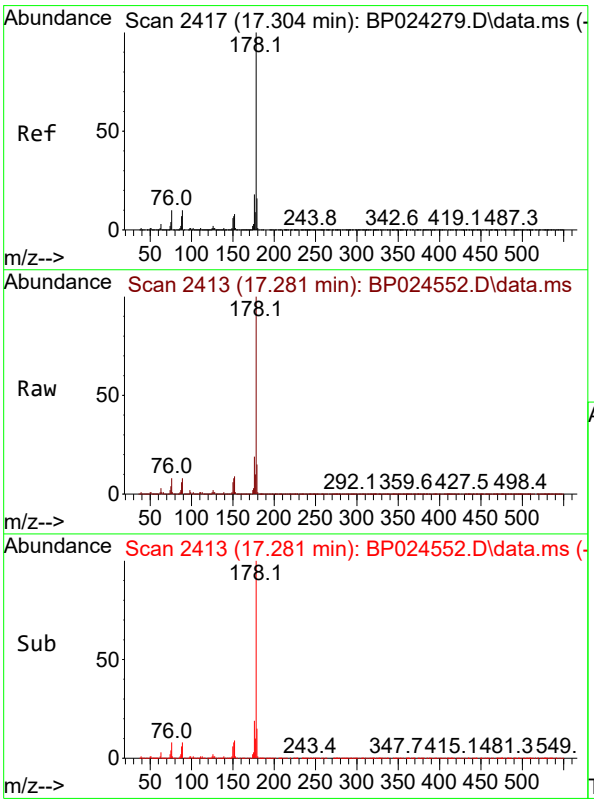
#71
Phenanthrene
Concen: 45.760 ng
RT: 17.181 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:178 Resp: 2052281

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.0	12.5	18.7

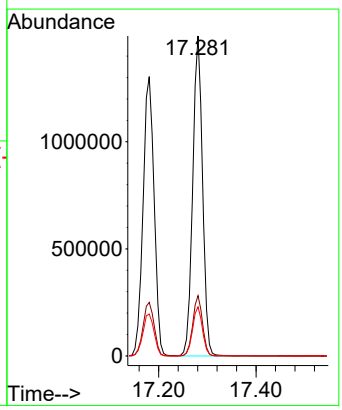


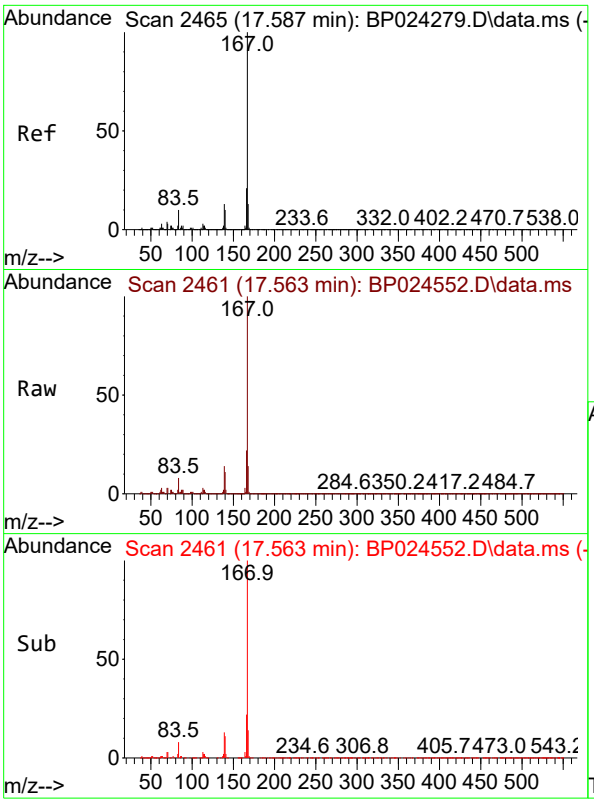


#72
Anthracene
Concen: 48.662 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:178 Resp: 2103402

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.7	22.1
179	15.4	12.4	18.6



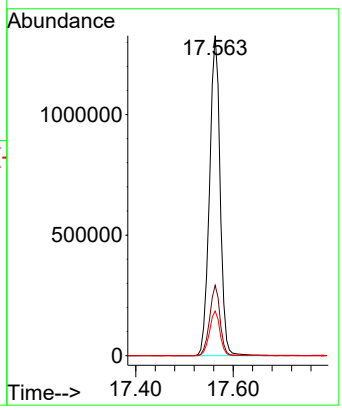


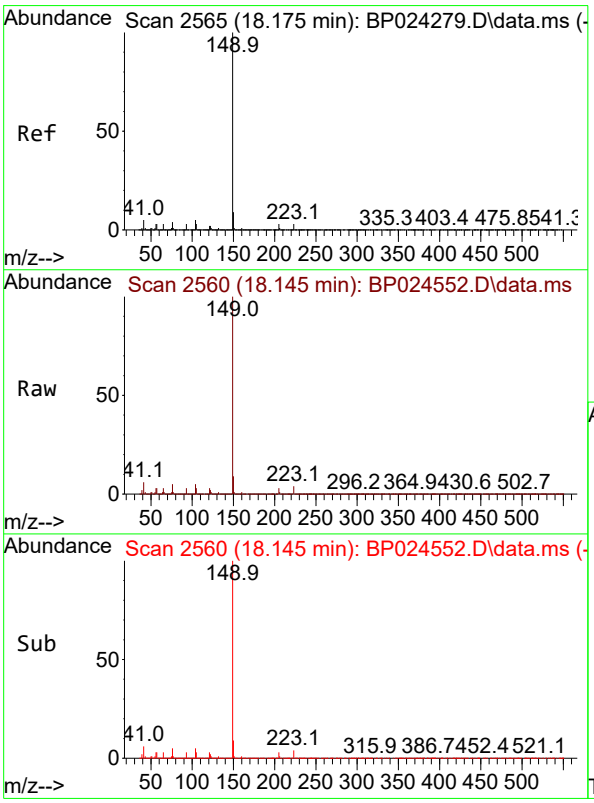
#73
Carbazole
Concen: 47.182 ng
RT: 17.563 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:167 Resp: 1992713

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	14.0	10.6	16.0

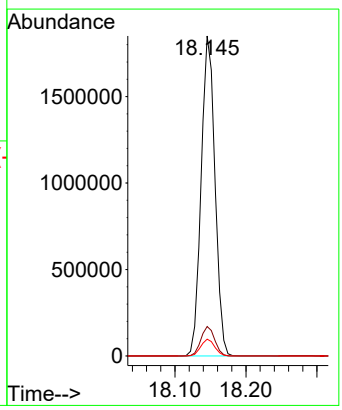


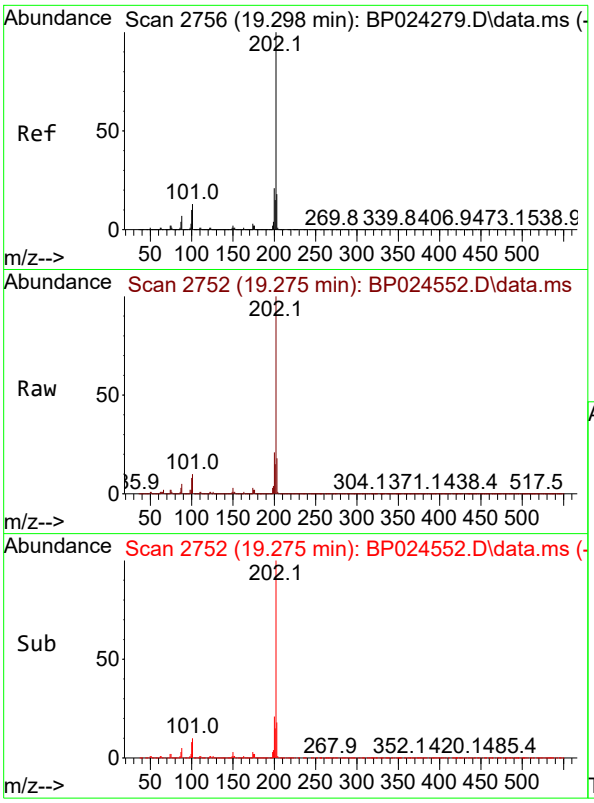


#74
Di-n-butylphthalate
Concen: 47.696 ng
RT: 18.145 min Scan# 2560
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 2509675

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	3.9	5.9



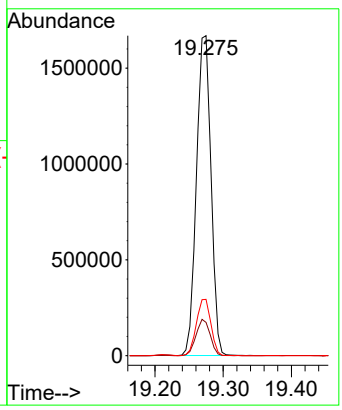


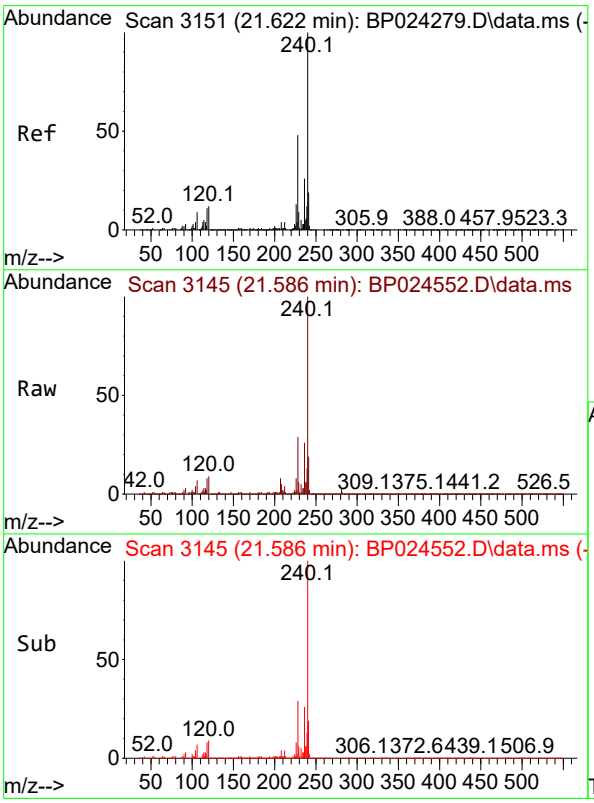
#75
Fluoranthene
Concen: 46.272 ng
RT: 19.275 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:202 Resp: 2468152

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.2
203	17.6	0.0	37.7

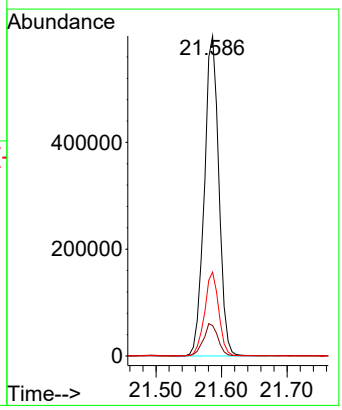


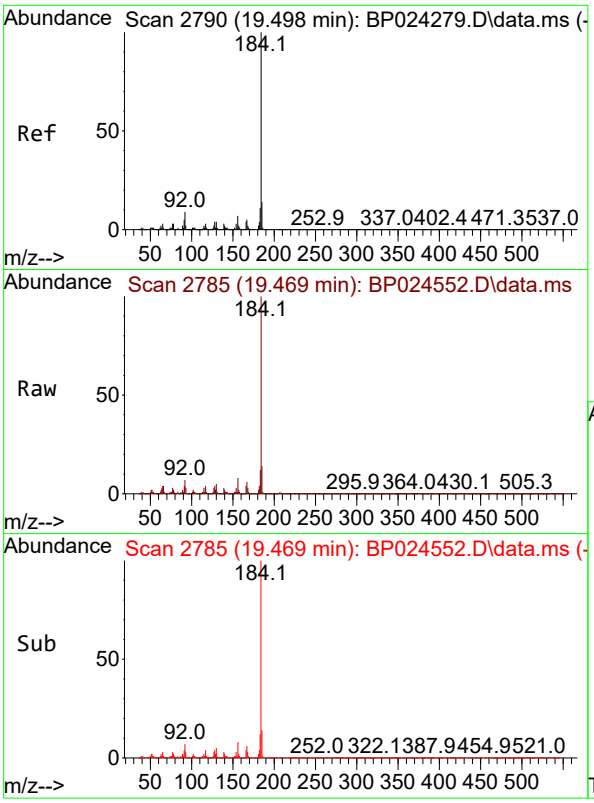


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:240 Resp: 922769

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.8	14.8#
236	26.2	20.9	31.3



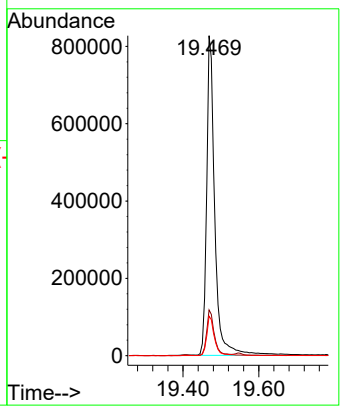


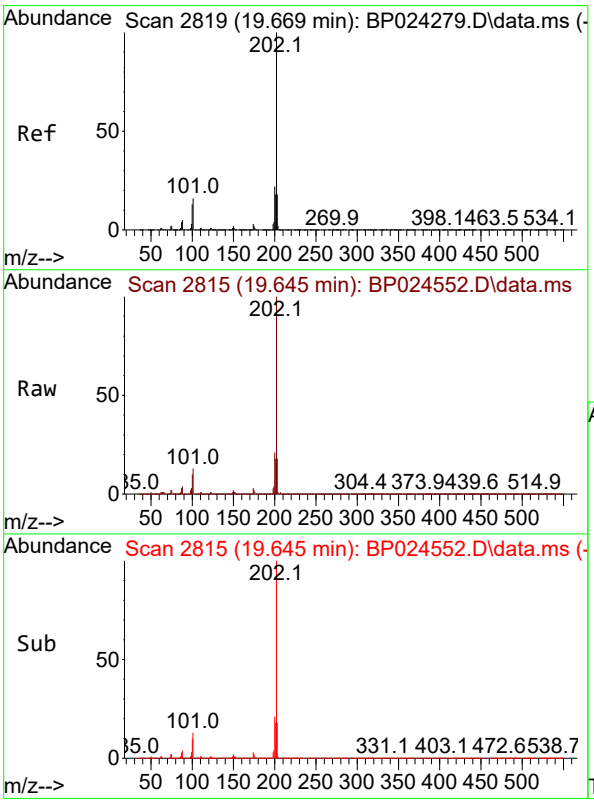
#77
Benzidine
Concen: 104.718 ng
RT: 19.469 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:184 Resp: 1224869

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.6	17.4
183	12.3	9.2	13.8

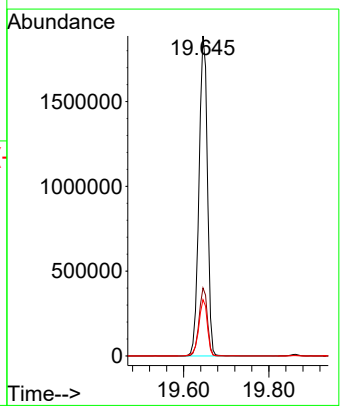


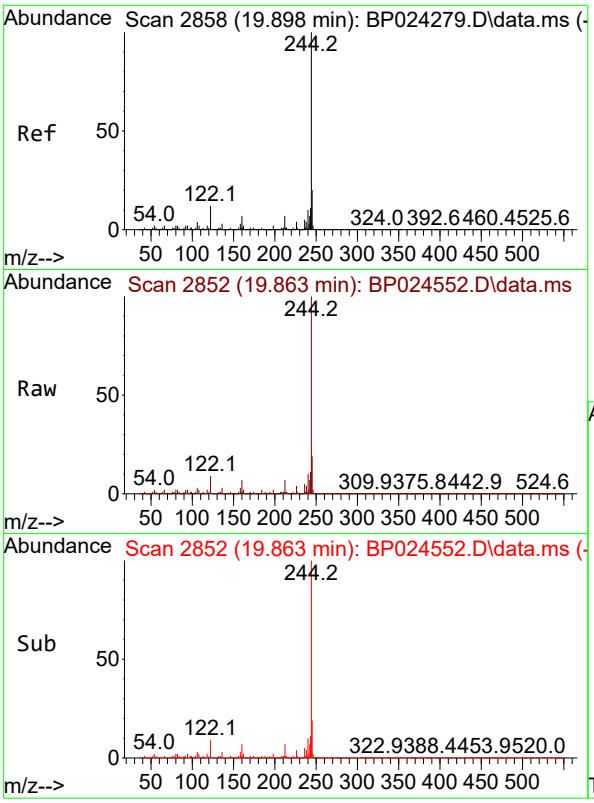


#78
Pyrene
Concen: 44.045 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:202 Resp: 2582943

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.6	14.4	21.6



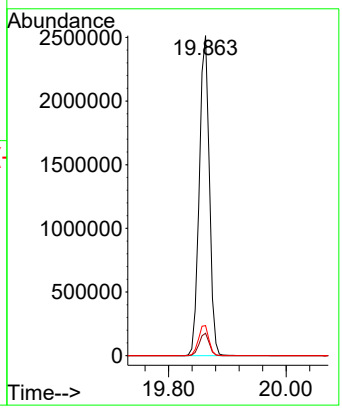


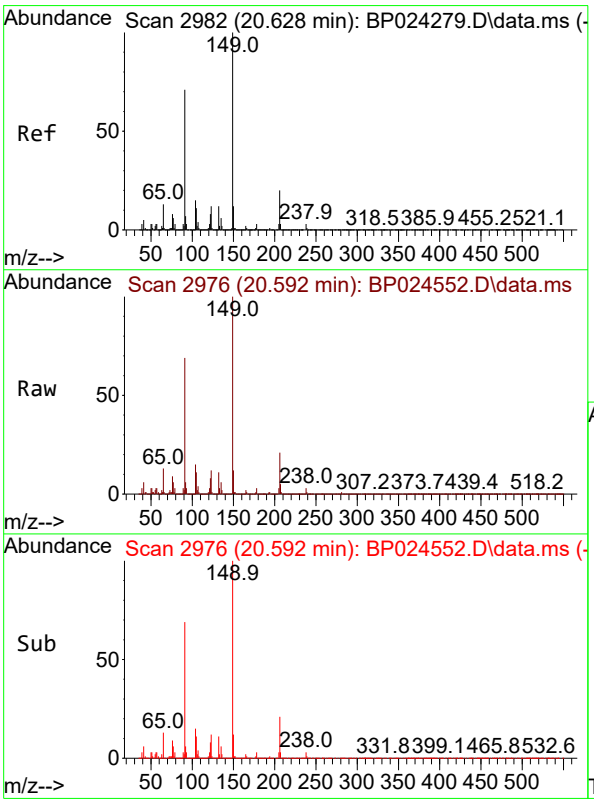
#79
Terphenyl-d14
Concen: 65.029 ng
RT: 19.863 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:244 Resp: 2977081

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	9.4	9.4	14.0

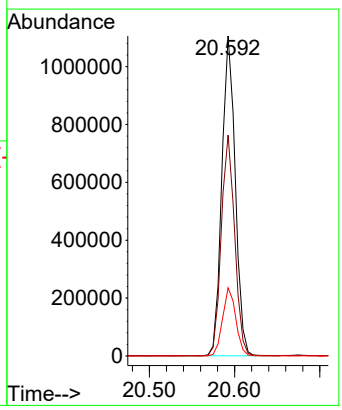


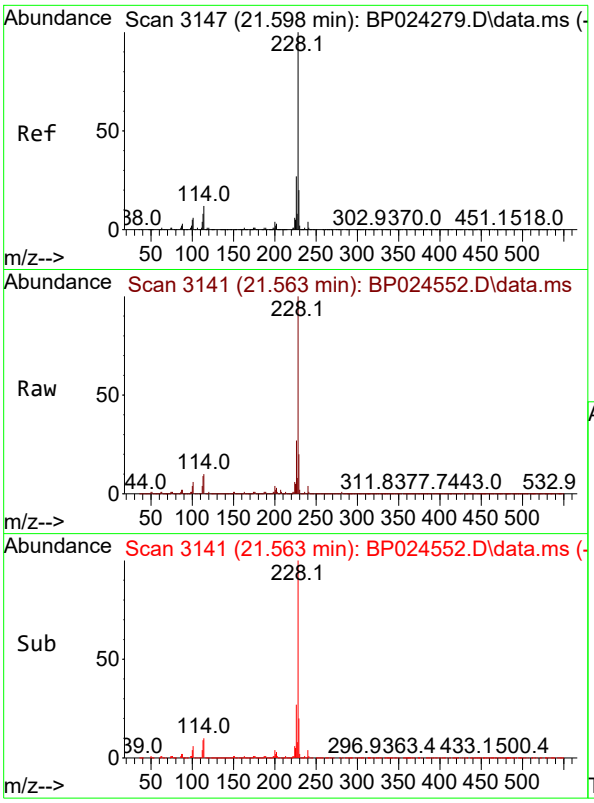


#80
Butylbenzylphthalate
Concen: 48.160 ng
RT: 20.592 min Scan# 2976
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 1209696

Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.4	84.6
206	21.3	16.3	24.5



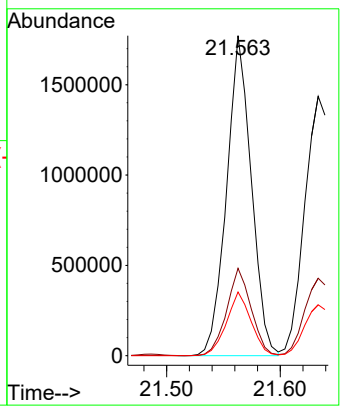


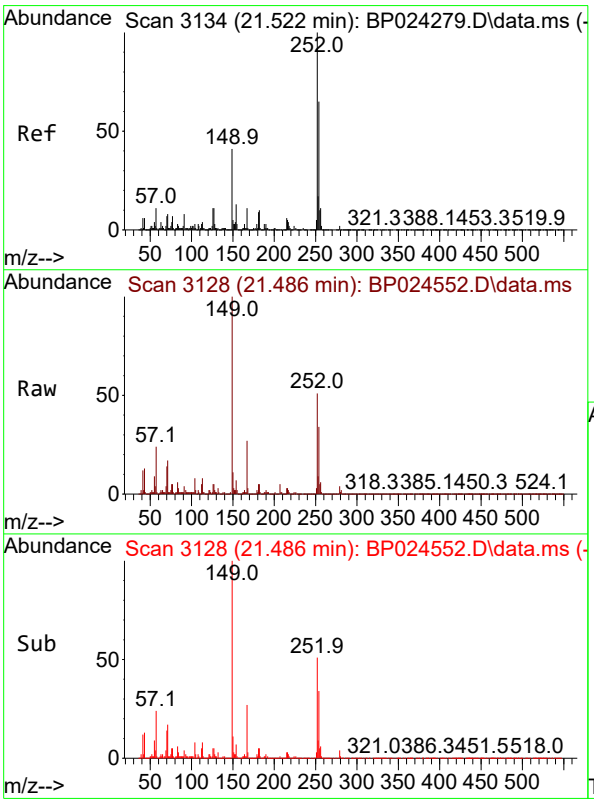
#81
Benzo(a)anthracene
Concen: 46.639 ng
RT: 21.563 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:228 Resp: 2675034

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.9	15.9	23.9

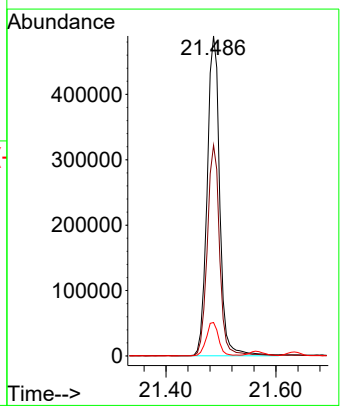


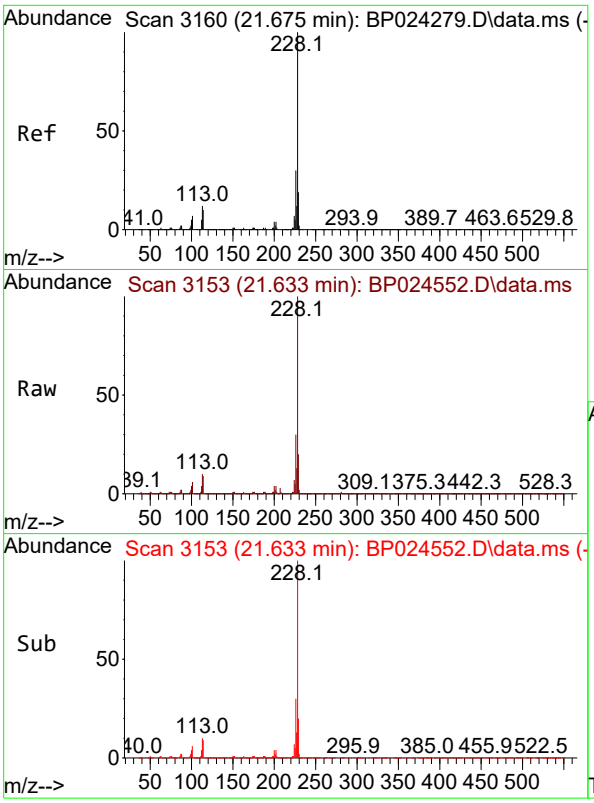


#82
3,3'-Dichlorobenzidine
Concen: 38.383 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:252 Resp: 772689

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.7	77.5
126	10.4	8.8	13.2



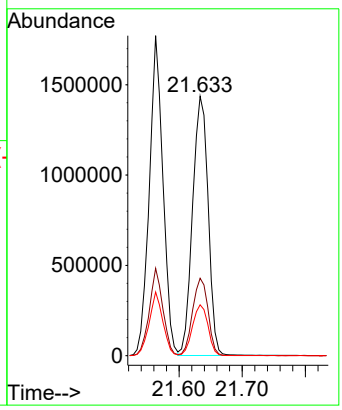


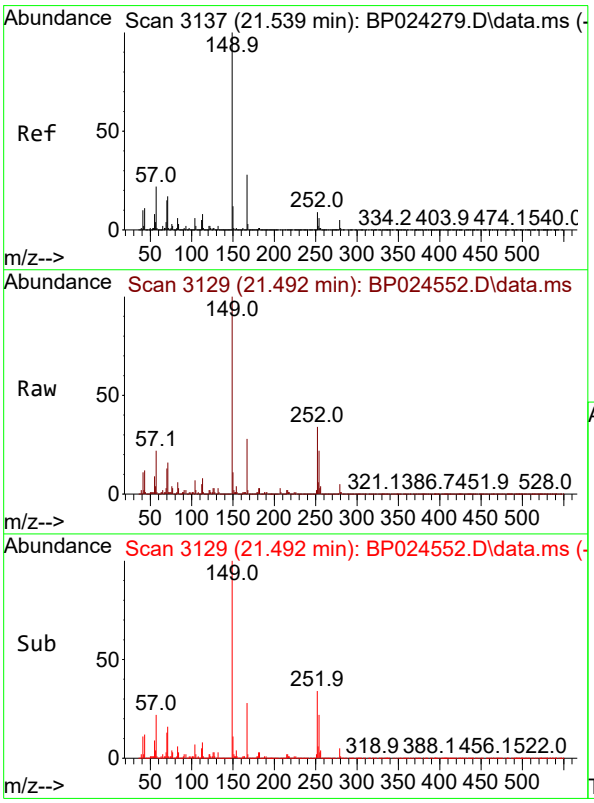
#83
Chrysene
Concen: 44.727 ng
RT: 21.633 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:228 Resp: 2457723

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.6	15.6	23.4

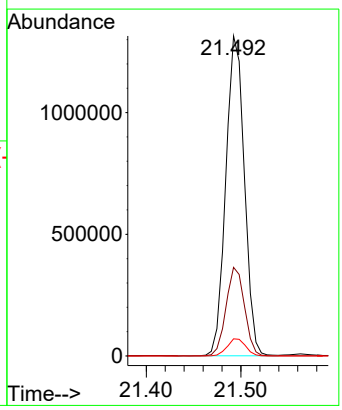


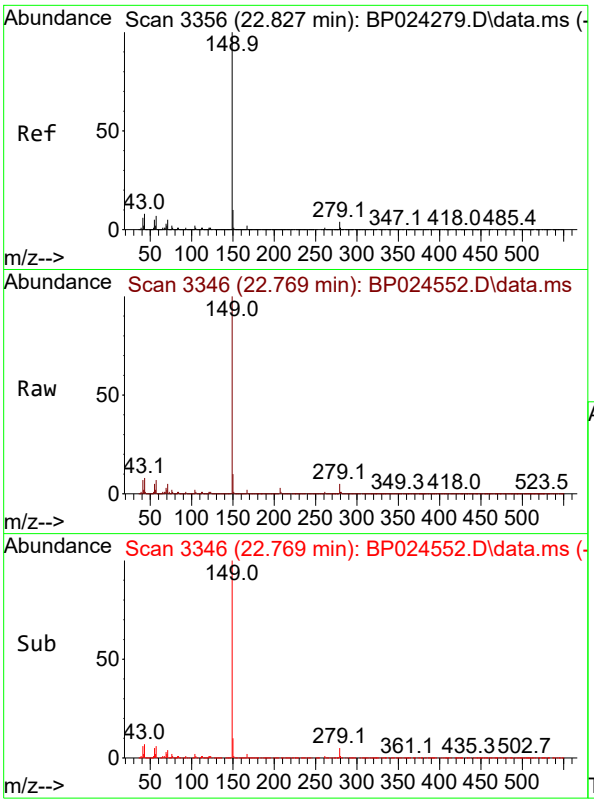


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.657 ng
RT: 21.492 min Scan# 3129
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:149 Resp: 1791677

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	5.3	4.0	6.0



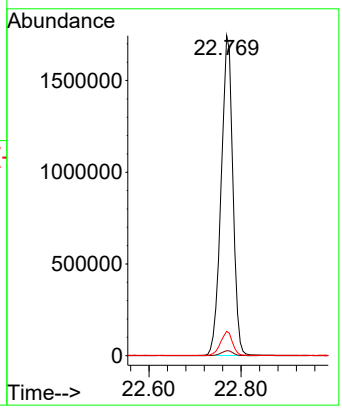


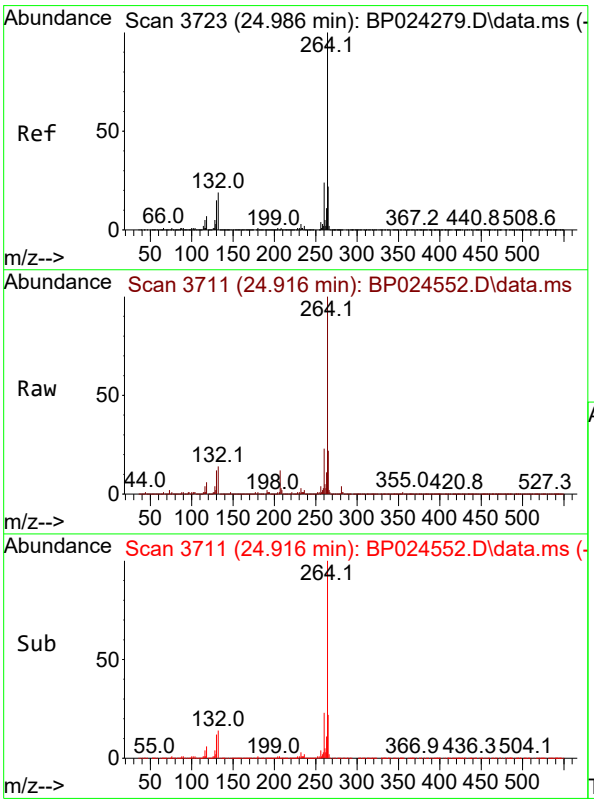
#85
Di-n-octyl phthalate
Concen: 51.320 ng
RT: 22.769 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:149 Resp: 3072120

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.0	9.0

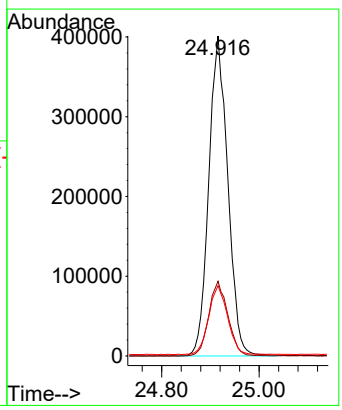


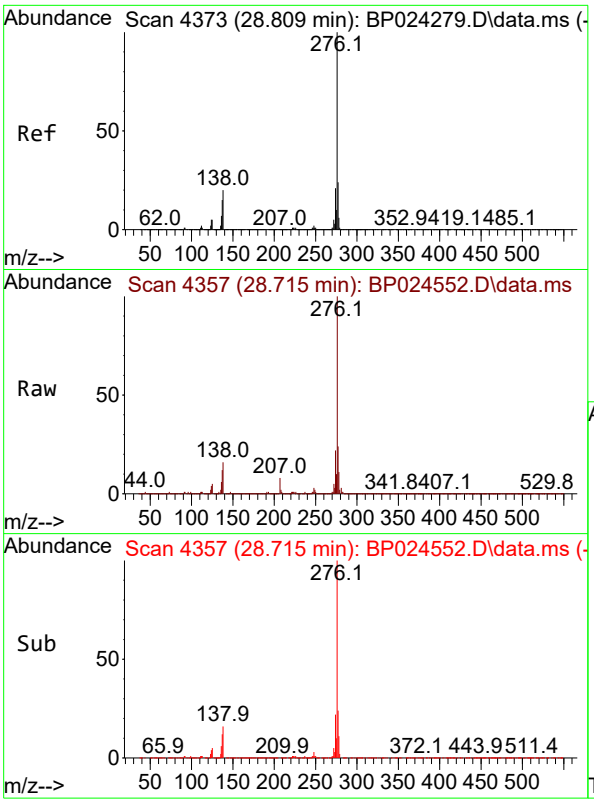


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.916 min Scan# 3711
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:264 Resp: 1087018

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.0	17.8	26.6



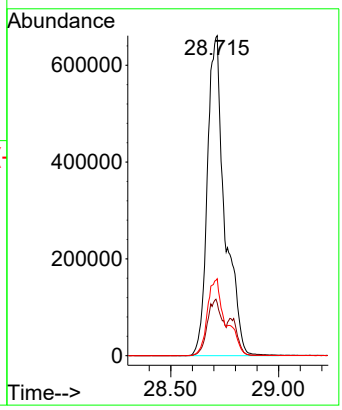


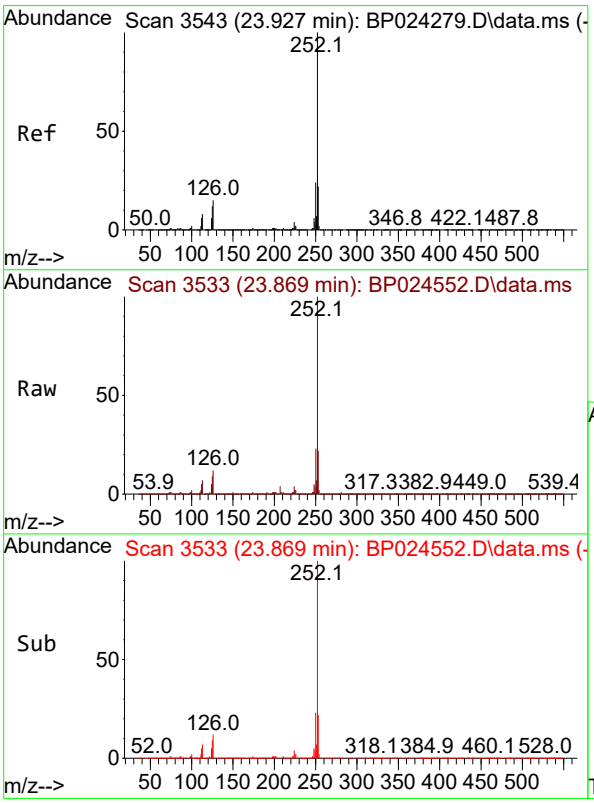
#87
Indeno(1,2,3-cd)pyrene
Concen: 49.272 ng
RT: 28.715 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:276 Resp: 3718353

Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.5	21.7
277	19.8	20.2	30.2#

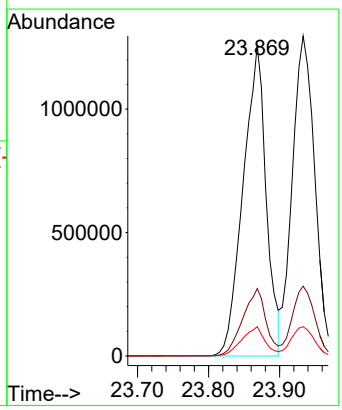


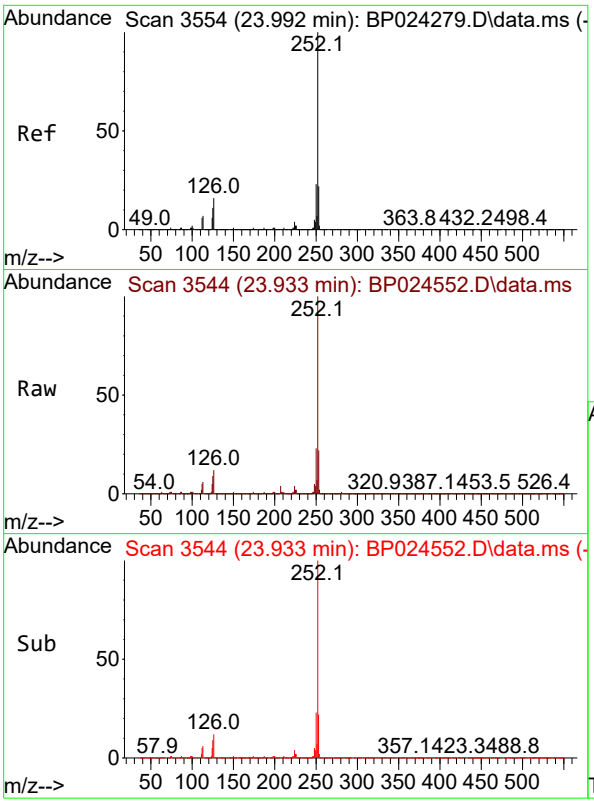


#88
Benzo(b)fluoranthene
Concen: 43.521 ng
RT: 23.869 min Scan# 3533
Delta R.T. -0.017 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:252 Resp: 2835698

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.4	9.4	14.0



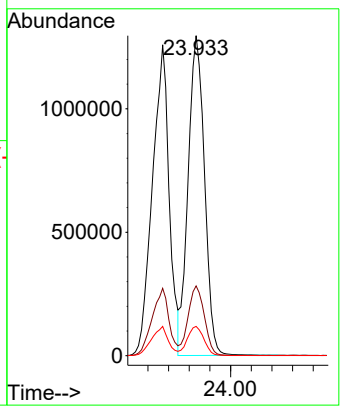


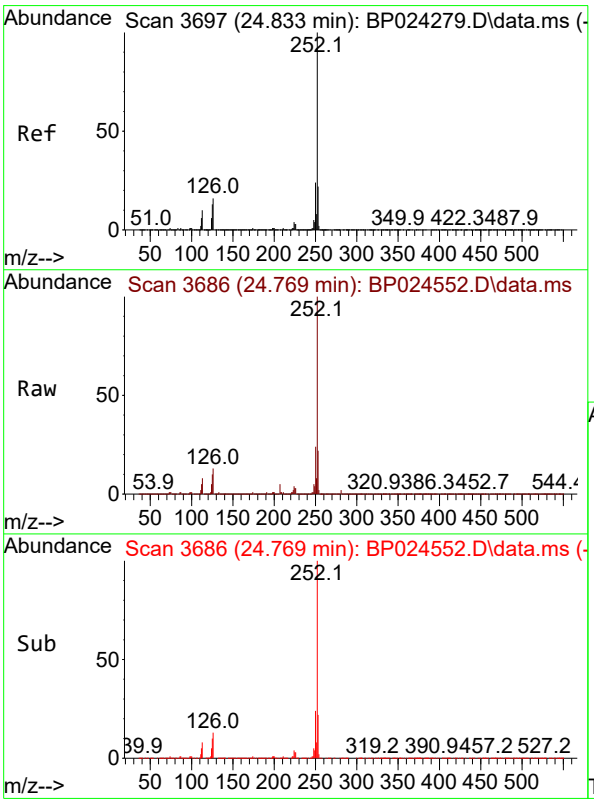
#89
Benzo(k)fluoranthene
Concen: 45.239 ng
RT: 23.933 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:252 Resp: 2847239

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.1	9.1	13.7

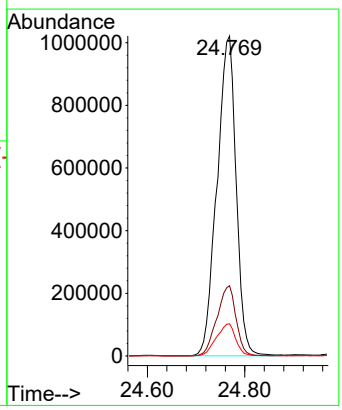


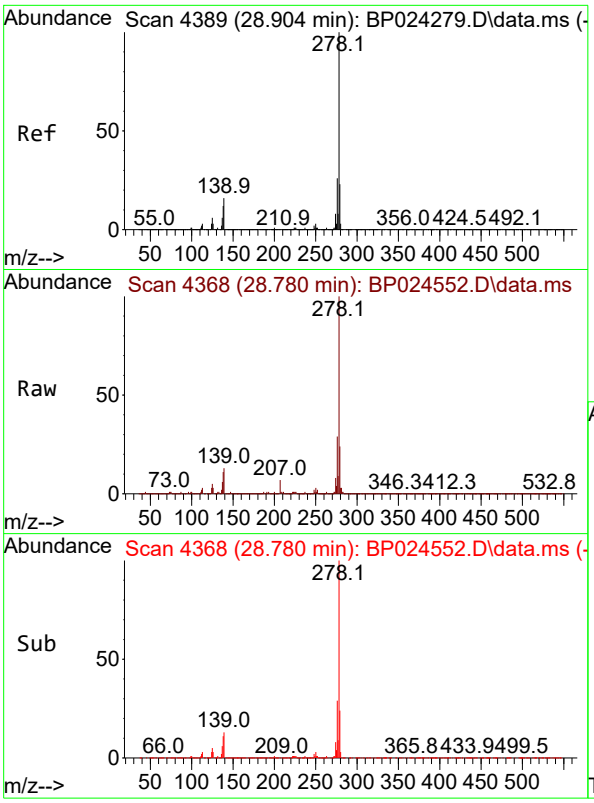


#90
Benzo(a)pyrene
Concen: 49.574 ng
RT: 24.769 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:252 Resp: 2786273

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.0	10.1	15.1#



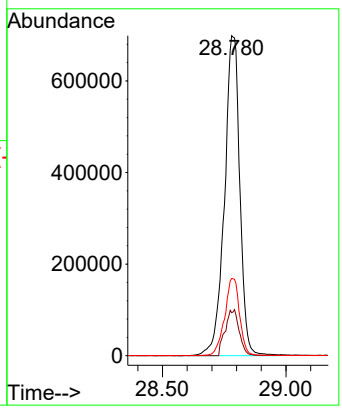


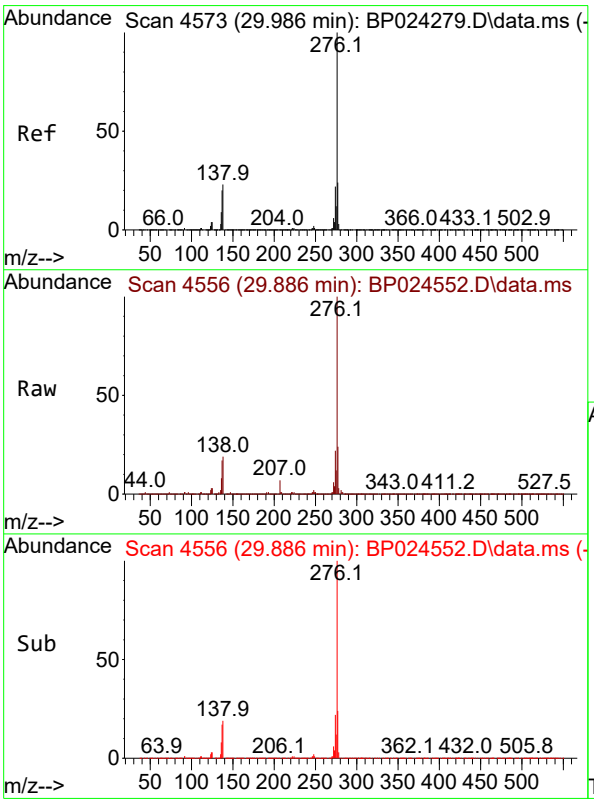
#91
Dibenzo(a,h)anthracene
Concen: 48.180 ng
RT: 28.780 min Scan# 4
Delta R.T. -0.023 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Instrument :
BNA_P
ClientSampleId :
SB2-4-5MSD

Tgt Ion:278 Resp: 3017918

Ion	Ratio	Lower	Upper
278	100		
139	13.4	12.6	19.0
279	24.1	18.5	27.7

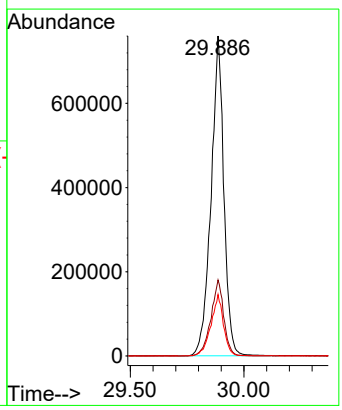




#92
Benzo(g,h,i)perylene
Concen: 46.629 ng
RT: 29.886 min Scan# 4556
Delta R.T. -0.012 min
Lab File: BP024552.D
Acq: 06 May 2025 18:29

Tgt Ion:276 Resp: 2972899

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	19.2	18.7	28.1



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Manual Integration Report

Sequence:	BM042825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BM050025.D	4-Nitroaniline	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzaldehyde	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Benzo(k)fluoranthene	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC005	BM050025.D	Caprolactam	Rahul	4/29/2025 8:55:04 AM	Jagrut	4/29/2025 11:57:10 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	4-Nitroaniline	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzaldehyde	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC010	BM050026.D	Benzoic acid	Rahul	4/29/2025 8:55:07 AM	Jagrut	4/29/2025 11:57:13 AM	Peak Integrated by Software
SSTDICC020	BM050027.D	Benzoic acid	Rahul	4/29/2025 8:55:10 AM	Jagrut	4/29/2025 11:57:15 AM	Peak Integrated by Software
SSTDICV040	BM050032.D	Benzaldehyde	Rahul	4/29/2025 8:55:13 AM	Jagrut	4/29/2025 11:57:18 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm050725	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167879BS	BM050131.D	Benzoic acid	Rahul	5/8/2025 9:30:39 AM	Jagrut	5/8/2025 11:18:53 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bm050825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024276.D	Benzaldehyde	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC005	BP024276.D	Benzidine	Rahul	4/15/2025 9:45:41 AM	Jagrut	4/15/2025 10:52:38 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzaldehyde	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC010	BP024277.D	Benzoic acid	Rahul	4/15/2025 9:46:12 AM	Jagrut	4/15/2025 10:52:41 AM	Peak Integrated by Software
SSTDICC020	BP024278.D	Benzoic acid	Rahul	4/15/2025 9:46:28 AM	Jagrut	4/15/2025 10:52:44 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC050	BP024280.D	Pyridine	Rahul	4/15/2025 9:47:02 AM	Jagrut	4/15/2025 10:52:46 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Benzoic acid	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC060	BP024281.D	Pyridine	Rahul	4/15/2025 9:47:31 AM	Jagrut	4/15/2025 10:52:48 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzidine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Benzoic acid	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software
SSTDICC080	BP024282.D	Pyridine	Rahul	4/15/2025 9:48:04 AM	Jagrut	4/15/2025 10:52:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp041425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICV040	BP024283.D	Indeno(1,2,3-cd)pyrene	Rahul	4/15/2025 9:50:13 AM	Jagrut	4/15/2025 10:52:54 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bp050625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024540.D	4-Nitrophenol	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(b)fluoranthene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzo(g,h,i)perylene	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software
SSTDCCC040	BP024540.D	Benzoic acid	Rahul	5/7/2025 10:38:46 AM	Jagrut	5/7/2025 1:28:08 PM	Peak Integrated by Software

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM				
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM				
SubDirectory	BM042825	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050023.D	28 Apr 2025 11:46	RC/JU	Ok
2	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30	RC/JU	Ok
3	SSTDICC005	BM050025.D	28 Apr 2025 13:09	RC/JU	Ok,M
4	SSTDICC010	BM050026.D	28 Apr 2025 13:48	RC/JU	Ok,M
5	SSTDICC020	BM050027.D	28 Apr 2025 14:27	RC/JU	Ok,M
6	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	RC/JU	Ok
7	SSTDICC050	BM050029.D	28 Apr 2025 15:45	RC/JU	Ok
8	SSTDICC060	BM050030.D	28 Apr 2025 16:24	RC/JU	Ok
9	SSTDICC080	BM050031.D	28 Apr 2025 17:04	RC/JU	Ok
10	SSTDICV040	BM050032.D	28 Apr 2025 17:43	RC/JU	Ok,M
11	PB167739BL	BM050033.D	28 Apr 2025 19:40	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM				
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM				
SubDirectory	BM050725	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050128.D	07 May 2025 09:17	RC/JU	Ok
2	SSTDCCC040	BM050129.D	07 May 2025 09:56	RC/JU	Ok
3	PB167879BL	BM050130.D	07 May 2025 10:35	RC/JU	Ok
4	PB167879BS	BM050131.D	07 May 2025 11:14	RC/JU	Ok,M
5	Q1952-01DL	BM050132.D	07 May 2025 12:33	RC/JU	Ok,M
6	Q1938-01	BM050133.D	07 May 2025 13:12	RC/JU	Ok
7	Q1945-01	BM050134.D	07 May 2025 14:26	RC/JU	Dilution
8	Q1945-02	BM050135.D	07 May 2025 15:05	RC/JU	Dilution
9	Q1956-07	BM050136.D	07 May 2025 15:44	RC/JU	Ok
10	Q1945-01DL	BM050137.D	07 May 2025 16:24	RC/JU	Ok,M
11	Q1945-02DL	BM050138.D	07 May 2025 17:03	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050825

Review By		Review On			
Supervise By		Supervise On			
SubDirectory	BM050825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM050139.D	08 May 2025 09:59	RC/JU	Ok
2	SSTDCCC040	BM050140.D	08 May 2025 10:41	RC/JU	Ok
3	PB167889BL	BM050141.D	08 May 2025 11:21	RC/JU	Ok
4	PB167889BS	BM050142.D	08 May 2025 12:00	RC/JU	Ok
5	PB167889BSD	BM050143.D	08 May 2025 12:39	RC/JU	Ok,NR
6	PB167851TB	BM050144.D	08 May 2025 13:18	RC/JU	Ok
7	Q1964-01	BM050145.D	08 May 2025 14:02	RC/JU	Ok
8	Q1964-01MS	BM050146.D	08 May 2025 14:42	RC/JU	Ok
9	Q1964-01MSD	BM050147.D	08 May 2025 15:21	RC/JU	Ok,NR
10	Q1966-02	BM050148.D	08 May 2025 16:00	RC/JU	Ok
11	Q1968-01	BM050149.D	08 May 2025 16:39	RC/JU	Ok
12	Q1972-13	BM050150.D	08 May 2025 17:19	RC/JU	Ok
13	Q1978-01	BM050151.D	08 May 2025 17:58	RC/JU	Ok
14	Q1976-01	BM050152.D	08 May 2025 18:37	RC/JU	Ok
15	Q1972-21	BM050153.D	08 May 2025 19:17	RC/JU	Ok,NR
16	Q1968-05	BM050154.D	08 May 2025 19:56	RC/JU	Ok,NR
17	Q1969-01	BM050155.D	08 May 2025 20:35	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024274.D	14 Apr 2025 10:25	RC/JU	Ok
2	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06	RC/JU	Ok
3	SSTDICC005	BP024276.D	14 Apr 2025 11:47	RC/JU	Ok,M
4	SSTDICC010	BP024277.D	14 Apr 2025 12:27	RC/JU	Ok,M
5	SSTDICC020	BP024278.D	14 Apr 2025 13:08	RC/JU	Ok,M
6	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	RC/JU	Ok
7	SSTDICC050	BP024280.D	14 Apr 2025 15:10	RC/JU	Ok,M
8	SSTDICC060	BP024281.D	14 Apr 2025 16:32	RC/JU	Ok,M
9	SSTDICC080	BP024282.D	14 Apr 2025 17:13	RC/JU	Ok,M
10	SSTDICV040	BP024283.D	14 Apr 2025 18:35	RC/JU	Ok,M
11	PB167488TB	BP024284.D	14 Apr 2025 19:16	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM				
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM				
SubDirectory	BP050625	HP Acquire Method	BNA_P		HP Processing Method	bp041425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024539.D	06 May 2025 09:37	RC/JU	Ok
2	SSTDCCC040	BP024540.D	06 May 2025 10:17	RC/JU	Ok,M
3	PB167847BL	BP024541.D	06 May 2025 10:58	RC/JU	Ok
4	PB167847BS	BP024542.D	06 May 2025 11:39	RC/JU	Ok,M
5	Q1937-01	BP024543.D	06 May 2025 12:23	RC/JU	Ok
6	Q1937-03	BP024544.D	06 May 2025 13:03	RC/JU	Ok
7	Q1936-01	BP024545.D	06 May 2025 13:44	RC/JU	Ok
8	Q1936-05	BP024546.D	06 May 2025 14:25	RC/JU	Ok
9	Q1936-07	BP024547.D	06 May 2025 15:05	RC/JU	Ok
10	Q1937-07	BP024548.D	06 May 2025 15:46	RC/JU	Ok
11	Q1956-01	BP024549.D	06 May 2025 16:27	RC/JU	Ok
12	Q1956-02	BP024550.D	06 May 2025 17:08	RC/JU	Ok
13	Q1956-03MS	BP024551.D	06 May 2025 17:48	RC/JU	Ok
14	Q1956-04MSD	BP024552.D	06 May 2025 18:29	RC/JU	Ok
15	Q1956-06	BP024553.D	06 May 2025 19:10	RC/JU	Ok
16	Q1947-08	BP024554.D	06 May 2025 19:50	RC/JU	Ok,M
17	Q1960-03	BP024555.D	06 May 2025 20:31	RC/JU	Ok,M
18	Q1959-01	BP024556.D	06 May 2025 21:12	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM042825

Review By	Rahul	Review On	4/29/2025 8:56:26 AM		
Supervise By	Jagrut	Supervise On	4/29/2025 11:57:30 AM		
SubDirectory	BM042825	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12661,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BM050023.D	28 Apr 2025 11:46		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM050024.D	28 Apr 2025 12:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM050025.D	28 Apr 2025 13:09	Compound#32-41-54-56-65-70-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BM050026.D	28 Apr 2025 13:48		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM050027.D	28 Apr 2025 14:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM050028.D	28 Apr 2025 15:06	Compound#54 & 56 Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BM050029.D	28 Apr 2025 15:45		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM050030.D	28 Apr 2025 16:24		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM050031.D	28 Apr 2025 17:04		RC/JU	Ok
10	SSTDICV040	ICVBM042825	BM050032.D	28 Apr 2025 17:43		RC/JU	Ok,M
11	PB167739BL	PB167739BL	BM050033.D	28 Apr 2025 19:40	Analyzed for contamination check	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050725

Review By	Rahul	Review On	5/8/2025 9:31:30 AM		
Supervise By	Jagrut	Supervise On	5/8/2025 11:19:09 AM		
SubDirectory	BM050725	HP Acquire Method	BNA_M	HP Processing Method	BM042825

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/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	BM050128.D	07 May 2025 09:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050129.D	07 May 2025 09:56		RC/JU	Ok
3	PB167879BL	PB167879BL	BM050130.D	07 May 2025 10:35		RC/JU	Ok
4	PB167879BS	PB167879BS	BM050131.D	07 May 2025 11:14		RC/JU	Ok,M
5	Q1952-01DL	CLEAN-FILLDL	BM050132.D	07 May 2025 12:33		RC/JU	Ok,M
6	Q1938-01	LOWER-WALL-PILE-A	BM050133.D	07 May 2025 13:12		RC/JU	Ok
7	Q1945-01	GB1W	BM050134.D	07 May 2025 14:26	Need 5X dilution	RC/JU	Dilution
8	Q1945-02	GB3W	BM050135.D	07 May 2025 15:05	Need 5X dilution	RC/JU	Dilution
9	Q1956-07	FB-05022025	BM050136.D	07 May 2025 15:44		RC/JU	Ok
10	Q1945-01DL	GB1WDL	BM050137.D	07 May 2025 16:24		RC/JU	Ok,M
11	Q1945-02DL	GB3WDL	BM050138.D	07 May 2025 17:03		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM050825

Review By		Review On					
Supervise By		Supervise On					
SubDirectory	BM050825	HP Acquire Method	BNA_M		HP Processing Method	BM042825	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12663,10ul/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	BM050139.D	08 May 2025 09:59		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM050140.D	08 May 2025 10:41		RC/JU	Ok
3	PB167889BL	PB167889BL	BM050141.D	08 May 2025 11:21		RC/JU	Ok
4	PB167889BS	PB167889BS	BM050142.D	08 May 2025 12:00		RC/JU	Ok
5	PB167889BSD	PB167889BSD	BM050143.D	08 May 2025 12:39		RC/JU	Ok,NR
6	PB167851TB	PB167851TB	BM050144.D	08 May 2025 13:18		RC/JU	Ok
7	Q1964-01	MH-LL	BM050145.D	08 May 2025 14:02		RC/JU	Ok
8	Q1964-01MS	MH-LLMS	BM050146.D	08 May 2025 14:42		RC/JU	Ok
9	Q1964-01MSD	MH-LLMSD	BM050147.D	08 May 2025 15:21		RC/JU	Ok,NR
10	Q1966-02	CONCRETE-2	BM050148.D	08 May 2025 16:00		RC/JU	Ok
11	Q1968-01	MH-N	BM050149.D	08 May 2025 16:39		RC/JU	Ok
12	Q1972-13	WC-B-7	BM050150.D	08 May 2025 17:19		RC/JU	Ok
13	Q1978-01	72-12016	BM050151.D	08 May 2025 17:58		RC/JU	Ok
14	Q1976-01	VNJ-207	BM050152.D	08 May 2025 18:37		RC/JU	Ok
15	Q1972-21	WC-B-1	BM050153.D	08 May 2025 19:17		RC/JU	Ok,NR
16	Q1968-05	MH-M	BM050154.D	08 May 2025 19:56		RC/JU	Ok,NR
17	Q1969-01	TR-06-05072025	BM050155.D	08 May 2025 20:35		RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP041425

Review By	Rahul	Review On	4/15/2025 9:55:40 AM		
Supervise By	Jagrut	Supervise On	4/15/2025 10:53:04 AM		
SubDirectory	BP041425	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12659,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024274.D	14 Apr 2025 10:25		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024275.D	14 Apr 2025 11:06		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024276.D	14 Apr 2025 11:47	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024277.D	14 Apr 2025 12:27		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024278.D	14 Apr 2025 13:08		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024279.D	14 Apr 2025 13:49	This calibration is fail for Com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024280.D	14 Apr 2025 15:10	This calibration is good for 8270E, 8270 DOD and 625.1 methods except Compound#77	RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024281.D	14 Apr 2025 16:32	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024282.D	14 Apr 2025 17:13	Compound #69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP041425	BP024283.D	14 Apr 2025 18:35		RC/JU	Ok,M
11	PB167488TB	PB167488TB	BP024284.D	14 Apr 2025 19:16		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM		
SubDirectory	BP050625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024539.D	06 May 2025 09:37		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024540.D	06 May 2025 10:17		RC/JU	Ok,M
3	PB167847BL	PB167847BL	BP024541.D	06 May 2025 10:58		RC/JU	Ok
4	PB167847BS	PB167847BS	BP024542.D	06 May 2025 11:39		RC/JU	Ok,M
5	Q1937-01	LARGE-PILE-A	BP024543.D	06 May 2025 12:23		RC/JU	Ok
6	Q1937-03	LARGE-PILE-B	BP024544.D	06 May 2025 13:03		RC/JU	Ok
7	Q1936-01	SMALL-PILE-A	BP024545.D	06 May 2025 13:44		RC/JU	Ok
8	Q1936-05	SMALL-PILE-C	BP024546.D	06 May 2025 14:25		RC/JU	Ok
9	Q1936-07	SMALL-PILE-D	BP024547.D	06 May 2025 15:05		RC/JU	Ok
10	Q1937-07	LARGE-PILE-D	BP024548.D	06 May 2025 15:46		RC/JU	Ok
11	Q1956-01	SB1-3-4	BP024549.D	06 May 2025 16:27		RC/JU	Ok
12	Q1956-02	SB2-4-5	BP024550.D	06 May 2025 17:08		RC/JU	Ok
13	Q1956-03MS	SB2-4-5MS	BP024551.D	06 May 2025 17:48		RC/JU	Ok
14	Q1956-04MSD	SB2-4-5MSD	BP024552.D	06 May 2025 18:29		RC/JU	Ok
15	Q1956-06	SB91-3-4	BP024553.D	06 May 2025 19:10		RC/JU	Ok
16	Q1947-08	MH-O	BP024554.D	06 May 2025 19:50		RC/JU	Ok,M
17	Q1960-03	72-11933	BP024555.D	06 May 2025 20:31		RC/JU	Ok,M
18	Q1959-01	SOIL-PILE	BP024556.D	06 May 2025 21:12		RC/JU	Ok

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP050625

Review By	Rahul	Review On	5/7/2025 10:40:03 AM		
Supervise By	Jagrut	Supervise On	5/7/2025 1:28:26 PM		
SubDirectory	BP050625	HP Acquire Method	BNA_P	HP Processing Method	bp041425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12662,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/6/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:05
In Date: 05/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:30
Out Date: 05/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135668

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
Q1956-01	SB1-3-4	1	1.17	9.98	11.15	10.05	89.0	
Q1956-02	SB2-4-5	2	1.18	10.62	11.8	11.11	93.5	
Q1956-03	Q1956-02MS	3	1.18	10.62	11.8	11.11	93.5	
Q1956-04	Q1956-02MSD	4	1.18	10.62	11.8	11.11	93.5	
Q1956-06	SB91-3-4	5	1.14	10.65	11.79	10.75	90.2	
Q1957-01	AT090P-SD05-050125-00	6	1.15	10.74	11.89	3.3	20.0	
Q1957-02	AT090P-SD03-050125-00	7	1.18	10.90	12.08	3.97	25.6	
Q1957-03	AT090P-SD04-050125-00	8	1.19	10.36	11.55	2.09	8.7	
Q1958-01	SS050P-SD28-043025-00	9	1.16	10.21	11.37	9.51	81.8	
Q1958-02	SS050P-SD29-043025-00	10	1.17	9.97	11.14	3.2	20.4	
Q1958-03	SS050P-SD30-050225-00	11	1.19	10.62	11.81	9.59	79.1	
Q1958-04	SS050P-SD31-050225-00	12	1.19	10.13	11.32	9.18	78.9	
Q1959-01	SOIL-PILE	13	1.18	10.18	11.36	10.11	87.7	
Q1960-01	344	14	1.00	1.00	2.00	2.00	100.0	stone sample,100% solids
Q1960-02	72-11933	15	1.15	10.38	11.53	10.24	87.6	
Q1961-01	EO-01-050225	16	1.18	10.08	11.26	10.53	92.8	
Q1961-02	EO-01-050225-E2	17	1.14	10.18	11.32	10.88	95.7	
Q1962-01	HD-01-050525	18	1.18	10.10	11.28	9.87	86.0	
Q1962-02	HD-01-050525-E2	19	1.19	10.43	11.62	9.91	83.6	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

LB1356668

WorkList Name : %1-050525-1 **WorkList ID :** 189298 **Department :** Wet-Chemistry **Date :** 05-05-2025 08:48:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1956-01	SB1-3-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/01/2025	Chemtech -SO
Q1956-02	SB2-4-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-03	Q1956-02MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-04	Q1956-02MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1956-06	SB91-3-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/02/2025	Chemtech -SO
Q1957-01	AT090P-SD05-050125-00	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/01/2025	Chemtech -SO
Q1957-02	AT090P-SD03-050125-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1957-03	AT090P-SD04-050125-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1958-01	SS050P-SD28-043025-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/01/2025	Chemtech -SO
Q1958-02	SS050P-SD29-043025-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	04/30/2025	Chemtech -SO
Q1958-03	SS050P-SD30-050225-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	04/30/2025	Chemtech -SO
Q1958-04	SS050P-SD31-050225-00	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/02/2025	Chemtech -SO
Q1959-01	SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	WEST04	L51	05/02/2025	Chemtech -SO
Q1960-01	344	Solid	Percent Solids	Cool 4 deg C	PSEG04	L41	05/05/2025	Chemtech -SO
Q1960-02	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/05/2025	Chemtech -SO
Q1961-01	EO-01-050225	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	05/05/2025	Chemtech -SO
Q1961-02	EO-01-050225-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO
Q1962-01	HD-01-050525	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO
Q1962-02	HD-01-050525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L51	05/05/2025	Chemtech -SO

Date/Time 05/05/25 15:20
Raw Sample Received by: JR WQ
Raw Sample Relinquished by: SM

Date/Time 05/05/25 17:15
Raw Sample Received by: SM
Raw Sample Relinquished by: JR WQ

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167879

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/06/2025
Matrix :	Solid			**Extraction Start Time :**	09:25
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/06/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
Baked Na2SO4	N/A	EP2607
Sand	N/A	EP2865
Methylene Chloride	N/A	E3930
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/6/25	RS (Ext-Lab)	Rc/svoc
12:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167879

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 05/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167879BL	SBLK879	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U2-1
PB167879BS	SLCS879	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q1956-01	SB1-3-4	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	M		3
Q1956-02	SB2-4-5	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	M		4
Q1956-03	Q1956-02MS	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	M		5
Q1956-04	Q1956-02MSD	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	M		6
Q1956-06	SB91-3-4	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	M		U1-1
Q1960-02	72-11933	SVOC-TCL BNA -20	50.04	N/A	ritesh	Evelyn	1	E		2
Q1961-01	EO-01-050225	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		3
Q1962-01	HD-01-050525	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		4

RJ
5/6

* **Extracts relinguished on the same date as received.**

167877 9:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1961 **WorkList ID :** 189340 **Department :** Extraction **Date :** 05-06-2025 09:01:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1956-01	SB1-3-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/01/2025	8270E
Q1956-02	SB2-4-5	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E
Q1956-03	Q1956-02MS	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E
Q1956-04	Q1956-02MSD	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E
Q1956-06	SB91-3-4	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/01/2025	8270E
Q1960-02	72-11933	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L51	05/05/2025	8270E
Q1961-01	EO-01-050525	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	L51	05/05/2025	8270E
Q1962-01	HD-01-050525	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	L51	05/05/2025	8270E

Date/Time 5/6/25 9:20
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by:

Date/Time 5/6/25 9:50
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext Lab)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167889

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 05/07/2025

Extraction Start Time : 08:53

Extraction End Date : 05/07/2025

Extraction End Time : 13:50

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [_] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6752
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2607
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2865
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/7/25	RJ (Ext Lab)	Rc/SVOC
13:55	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167889

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167889BL	SBLK889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-7
PB167889BS	SLCS889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			8
PB167889BSD	SLCSD889	SVOCMS Group1	1000	6	RUPESH	ritesh	1			9
Q1945-01	GB1W	SVOCMS Group1	960	6	RUPESH	ritesh	1	D		10
Q1945-02	GB3W	SVOCMS Group1	840	6	RUPESH	ritesh	1	D		11
Q1956-07	FB-05022025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	I		12

RS
5/7

* **Extracts relinquished on the same date as received.**

167889
8:53

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1945 **WorkList ID :** 189359 **Department :** Extraction **Date :** 05-07-2025 08:49:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1945-01	GB1W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1945-02	GB3W	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L41	05/02/2025	8270E
Q1956-07	FB-05022025	Water	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/02/2025	8270E

Date/Time 5/7/25 8:50
Raw Sample Received by: RS (EXL (ab)
Raw Sample Relinquished by: CL SM

Date/Time 5/7/25 9:20
Raw Sample Received by: CL SM
Raw Sample Relinquished by: RS (EXL (ab)



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. Q19560
COC Number 2046701

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Avenue #8 6th Floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: Bergen Point Project
PROJECT NO.: 99939 LOCATION: W. Babylon, NY
PROJECT MANAGER: Marcie Encinas
e-mail: ENcinasMA@CDMSmith.com
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Avenue, #8 Floor 6th
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas PHONE: 732-590-4690

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: PCBs
5: PESTICIDES
6: HERBICIDES
7: PRO/GRO
8: FULL TCLP
9: RCRA CHARAC

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SB1 - 3-4'	Soil		X	5/1/25	9:00am	13	X	X	X	X	X	X	X			E
2.	SB2-4-5'	Soil		X	5/2/25	12:00pm	13	X	X	X	X	X	X	X			E
3.	COMP1	Soil	X		5/2/25	1:30pm	3								X	X	E
4.	SB91 - 3-4'	Soil		X	5/1/25	9:20am	13	X	X	X	X	X	X	X	X		E
5.	SB2 - MS	Soil		X	5/2/25	12:30pm	13	X	X	X	X	X	X	X			E
6.	SB2 - MSD	Soil		X	5/2/25	12:40pm	13	X	X	X	X	X	X	X			E
7.	FB-05022025	Aqueous		X	5/2/25	11:00am	9	X	X	X	X	X	X	X			E, A, B
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5.2.2025 1404	1.
2.		2.
3.	5.2.2025 1826	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.3 °C
Comments: IR Gun #1 (Adjusted Factor + 1)

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other _____

Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1956 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/2/2025 3:14:35 PM
Project Name : Bergen Point Fueling Syste
Receive DateTime : 5/2/2025 ~~12:00:00~~ AM 18:26
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1956-01	SB1-3-4	Solid	05/01/2025	09:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1956-02	SB2-4-5	Solid	05/02/2025	12:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1956-03	Q1956-02MS	Solid	05/02/2025	12:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1956-04	Q1956-02MSD	Solid	05/02/2025	12:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1956-06	~~SB19~~-3-4 SB91	Solid	05/01/2025	09:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1956-07	FB-05022025	Water	05/02/2025	11:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1956 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/2/2025 3:14:35 PM
Project Name : Bergen Point Fueling Syste
Receive DateTime : 5/2/2025 ~~12:00:00~~ 15:26 AM
Purchase Order :

Project Mgr :
Report Type : NYS ASP A
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1956-09 TB		water	5/2/25	12:00	VOC-TCLVOA-10		8260-LOW		10 Bus Days.

Relinguished By : [signature]
Date / Time : 5/5/25 0835

Received By : [signature]
Date / Time : 5/5/25 08:35
Storage Area : VOA Refridgerator Room

Rep # 6
FZ-2